

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064892.D
 Acq On : 3 Dec 2020 11:45
 Operator : JC/MD
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:42:01 PM

Quant Time: Dec 04 04:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124264	51.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.18%
35) Dibromofluoromethane	7.55	113	109615	56.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.78%
50) Toluene-d8	10.06	98	415513	52.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.37	95	144590	50.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	28778	15.873	ug/l 97
3) Chloromethane	2.04	50	39313	16.686	ug/l 99
4) Vinyl Chloride	2.17	62	41464	16.880	ug/l 96
5) Bromomethane	2.53	94	26289	16.312	ug/l 98
6) Chloroethane	2.68	64	27125	17.854	ug/l 97
7) Trichlorofluoromethane	2.99	101	60868	17.926	ug/l 98
8) Diethyl Ether	3.37	74	24704	18.432	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37966	18.639	ug/l 99
10) Methyl Iodide	3.91	142	42466	16.073	ug/l 98
11) Tert butyl alcohol	4.75	59	29126	76.791	ug/l 99
12) 1,1-Dichloroethene	3.69	96	37372	18.422	ug/l 94
13) Acrolein	3.57	56	24203	104.469	ug/l 99
14) Allyl chloride	4.28	41	56491	16.884	ug/l 100
15) Acrylonitrile	4.93	53	91346	87.179	ug/l 100
16) Acetone	3.78	43	68047	85.113	ug/l 98
17) Carbon Disulfide	4.00	76	87278	16.667	ug/l 99
18) Methyl Acetate	4.28	43	43330	18.026	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	115223	17.710	ug/l 100
20) Methylene Chloride	4.50	84	44144	17.621	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	38681	17.170	ug/l 98
22) Diisopropyl ether	5.90	45	125203	18.695	ug/l 99
23) Vinyl Acetate	5.85	43	477711	89.201	ug/l 99
24) 1,1-Dichloroethane	5.80	63	75750	18.926	ug/l 99
25) 2-Butanone	6.79	43	110148	84.990	ug/l 98
26) 2,2-Dichloropropane	6.78	77	62775	18.084	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	45680	18.020	ug/l 98
28) Bromochloromethane	7.15	49	36639	20.011	ug/l 98
29) Tetrahydrofuran	7.17	42	74409	83.173	ug/l 98
30) Chloroform	7.33	83	76021	18.419	ug/l 100
31) Cyclohexane	7.61	56	58450	17.243	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	65545	18.490	ug/l 99
36) 1,1-Dichloropropene	7.75	75	54135	17.978	ug/l 98
37) Ethyl Acetate	6.89	43	49603	17.101	ug/l 98
38) Carbon Tetrachloride	7.73	117	58120	18.551	ug/l 99

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SAM
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Quant Time: Dec 04 04:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	55212	17.033	ug/l	99
40) Benzene	8.00	78	169679	18.389	ug/l	100
41) Methacrylonitrile	7.14	41	25764m	19.250	ug/l	
42) 1,2-Dichloroethane	8.08	62	56251	18.071	ug/l	99
43) Isopropyl Acetate	8.13	43	78632	16.847	ug/l	99
44) Trichloroethene	8.80	130	49163	18.058	ug/l	96
45) 1,2-Dichloropropane	9.08	63	46333	19.390	ug/l	97
46) Dibromomethane	9.17	93	29984	18.783	ug/l	98
47) Bromodichloromethane	9.37	83	60527	18.844	ug/l	98
48) Methyl methacrylate	9.16	41	36779	16.491	ug/l	97
49) 1,4-Dioxane	9.16	88	13170	312.447	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	244870	87.391	ug/l	99
52) Toluene	10.12	92	108143	19.031	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	61295	17.133	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71327	18.600	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	42908	18.363	ug/l	98
56) Ethyl methacrylate	10.40	69	55919	17.342	ug/l	98
57) 1,3-Dichloropropane	10.68	76	71028	18.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	164467	92.725	ug/l	100
59) 2-Hexanone	10.72	43	174242	86.406	ug/l	97
60) Dibromochloromethane	10.87	129	48883	18.820	ug/l	98
61) 1,2-Dibromoethane	10.97	107	43949	18.513	ug/l	97
64) Tetrachloroethene	10.60	164	54234	18.823	ug/l	96
65) Chlorobenzene	11.40	112	117102	18.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	44276	18.944	ug/l	97
67) Ethyl Benzene	11.48	91	193543	18.217	ug/l	99
68) m/p-Xylenes	11.59	106	150657	37.454	ug/l	100
69) o-Xylene	11.92	106	69855	18.301	ug/l	99
70) Styrene	11.94	104	122571	19.021	ug/l	97
71) Bromoform	12.10	173	31917	17.098	ug/l #	97
73) Isopropylbenzene	12.22	105	189570	19.086	ug/l	100
74) N-amyl acetate	12.04	43	63992	16.371	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53358	18.328	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	54010m	17.563	ug/l	
77) Bromobenzene	12.50	156	49622	18.531	ug/l	99
78) n-propylbenzene	12.56	91	213320	18.853	ug/l	100
79) 2-Chlorotoluene	12.65	91	131539	18.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	163774	19.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19601	17.469	ug/l	96
82) 4-Chlorotoluene	12.75	91	137119	18.703	ug/l	100
83) tert-Butylbenzene	12.96	119	134198	19.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	165521	19.830	ug/l	100
85) sec-Butylbenzene	13.14	105	181049	19.705	ug/l	99
86) p-Isopropyltoluene	13.26	119	163314	19.524	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	89077	18.724	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	89099	17.709	ug/l	99
89) n-Butylbenzene	13.59	91	132898	18.091	ug/l	99
90) Hexachloroethane	13.85	117	28101	19.338	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	88141	18.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10629	16.226	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47238	16.347	ug/l	98
94) Hexachlorobutadiene	14.98	225	24690	19.205	ug/l	98
95) Naphthalene	15.10	128	129964	15.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46357	17.803	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

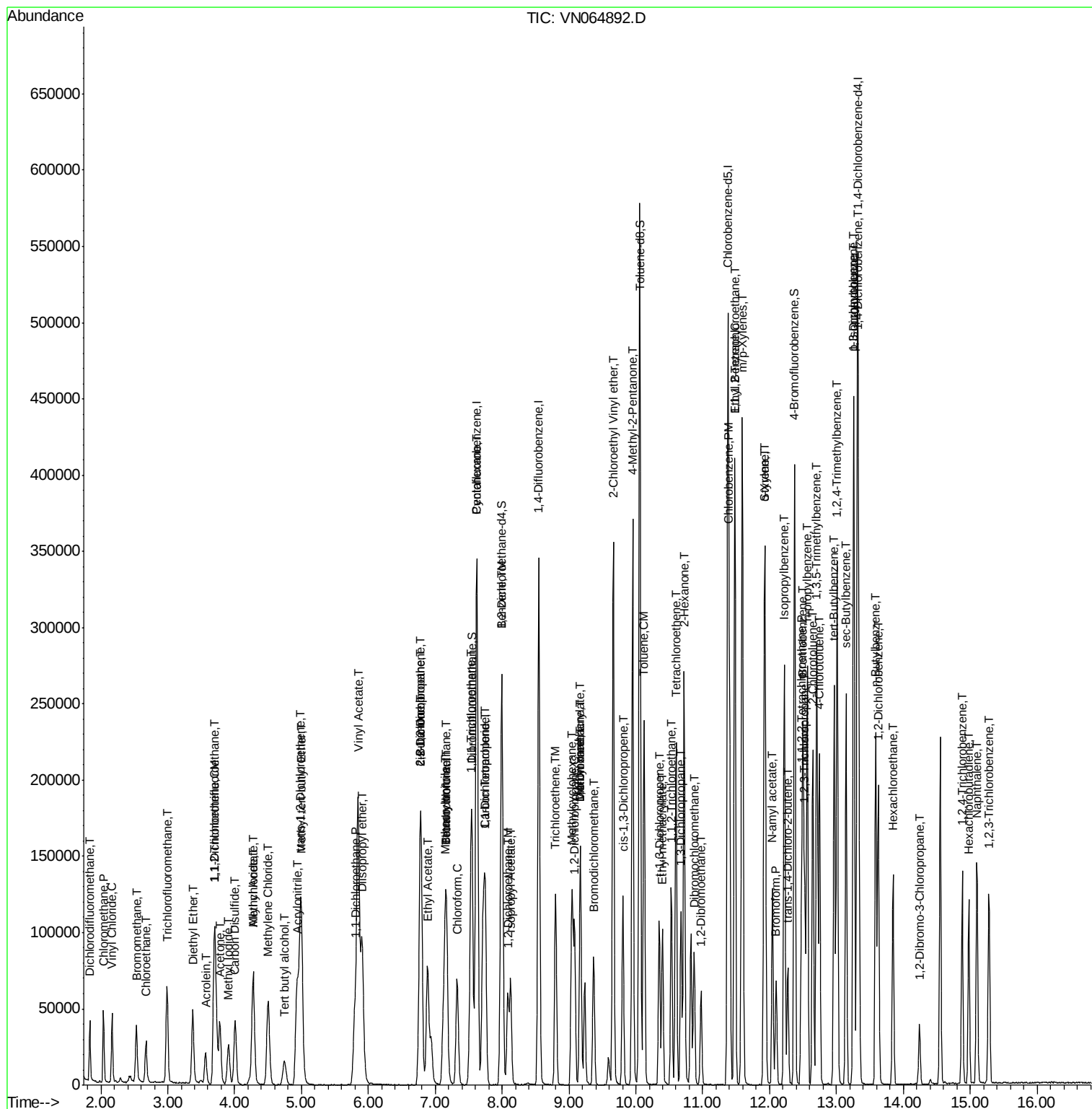
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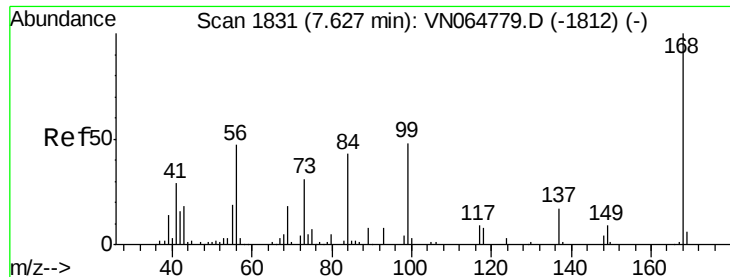
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

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12/4/2020 5:42:01 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion:168 Resp: 209199

Ion Ratio Lower Upper

168 100

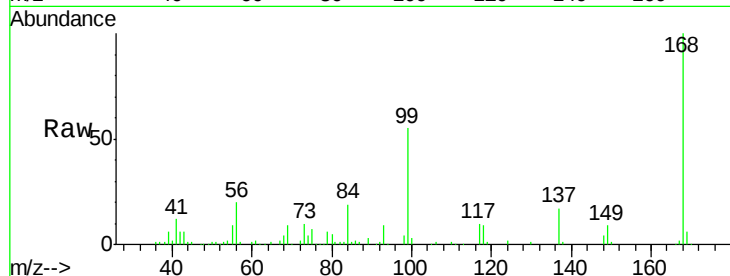
99 54.5 43.0 64.4

Manual Integrations

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SAM

12/4/2020 5:42:01 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

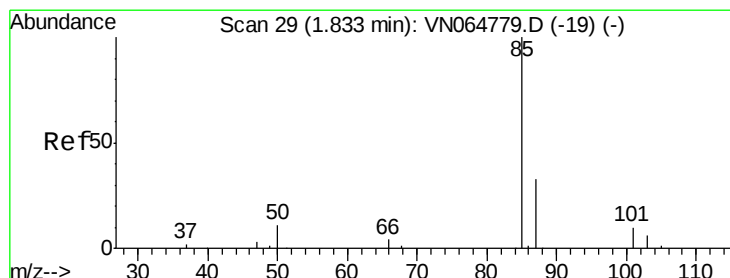
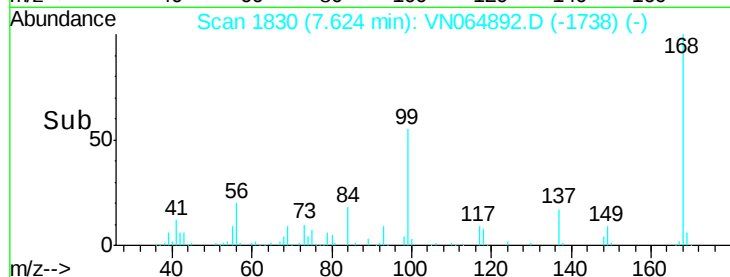
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.873 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064892.D

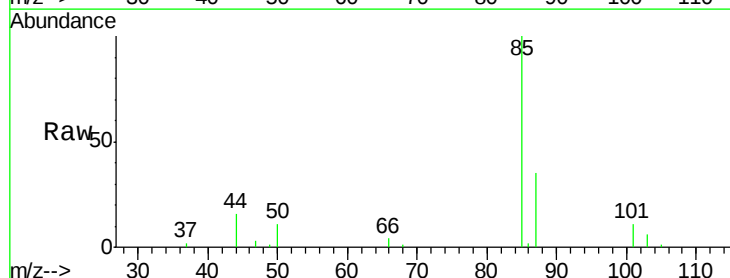
Acq: 3 Dec 2020 11:45

Tgt Ion: 85 Resp: 28778

Ion Ratio Lower Upper

85 100

87 34.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

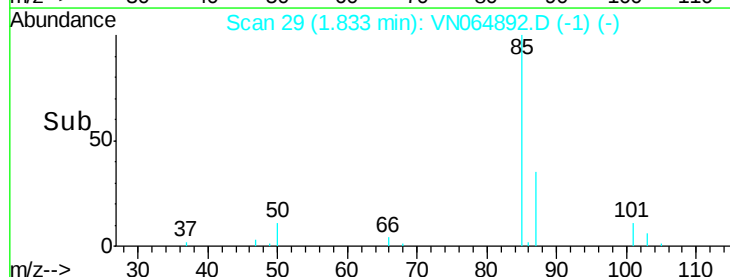
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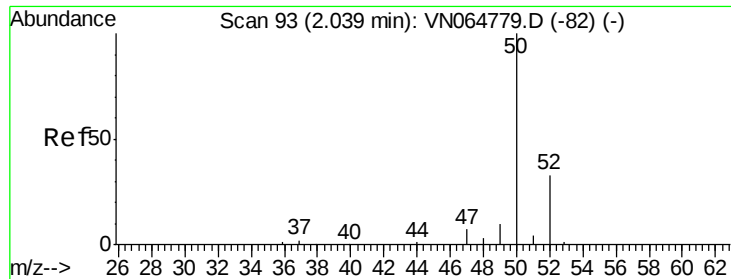
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5000

0

Time-->





#3

Chloromethane

Concen: 16.686 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion: 50 Resp: 39313

Ion Ratio Lower Upper

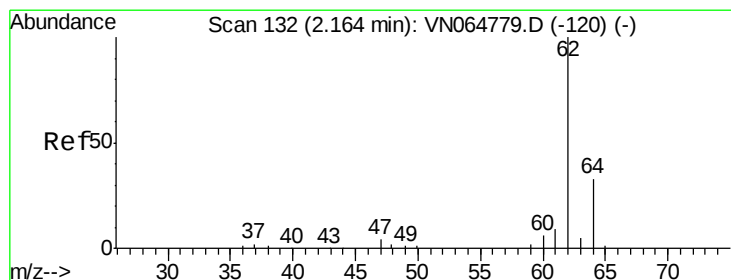
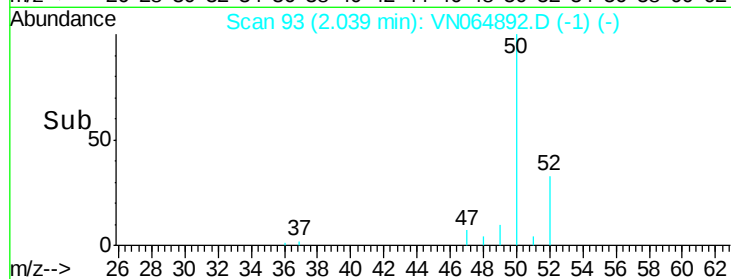
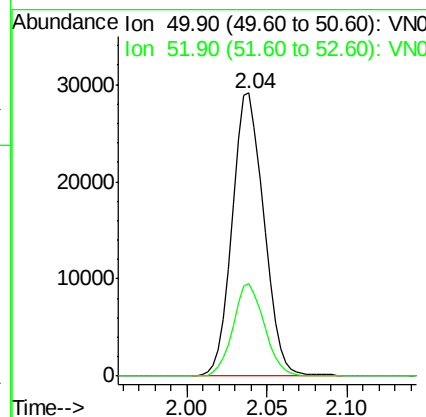
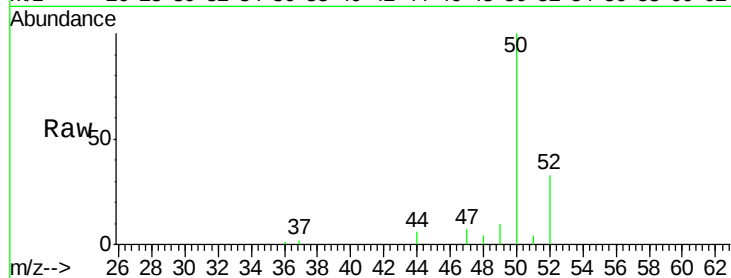
50 100

52 32.6 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.880 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064892.D

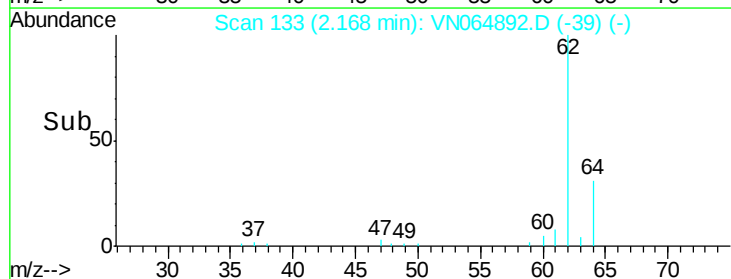
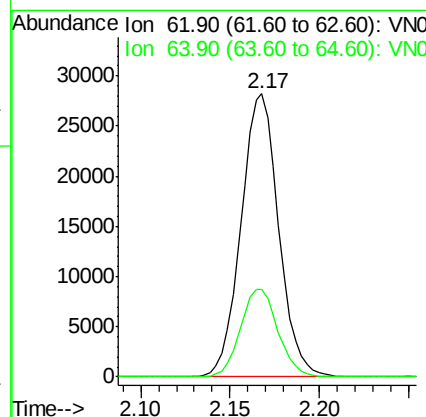
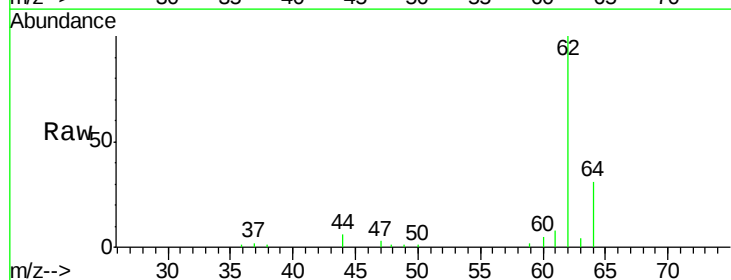
Acq: 3 Dec 2020 11:45

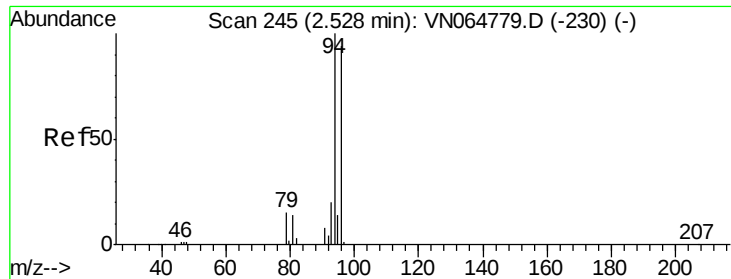
Tgt Ion: 62 Resp: 41464

Ion Ratio Lower Upper

62 100

64 31.0 26.5 39.7





#5

Bromomethane

Concen: 16.312 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

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ClientSampleId :

VN1203WBS01

Tot Ion: 94 Resp: 26289

Ion Ratio Lower Upper

94 100

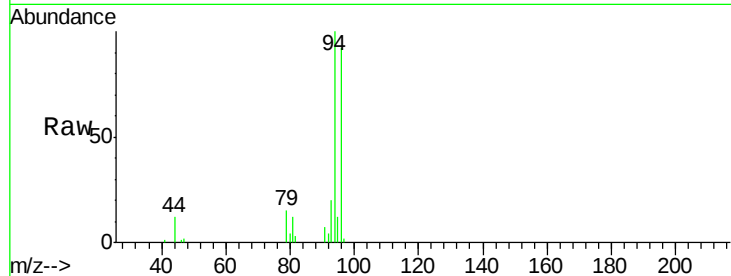
96 91.9 75.4 113.0

Manual Integrations

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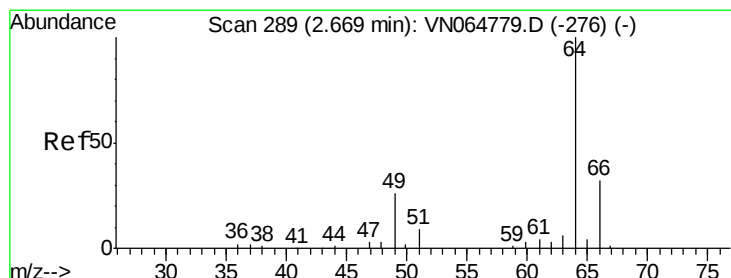
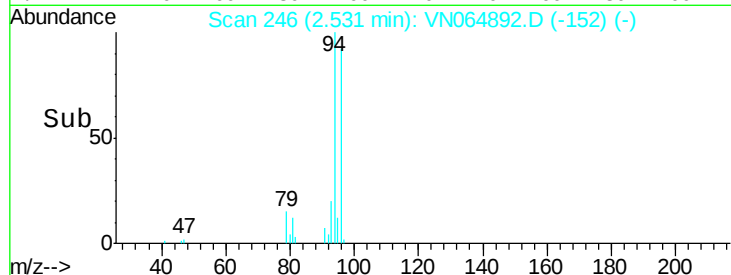
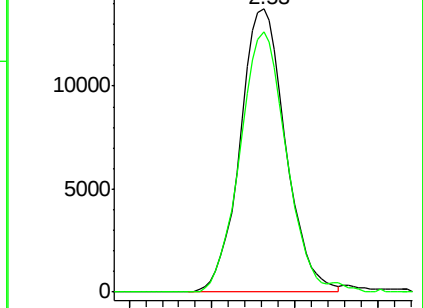
SAM

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.854 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064892.D

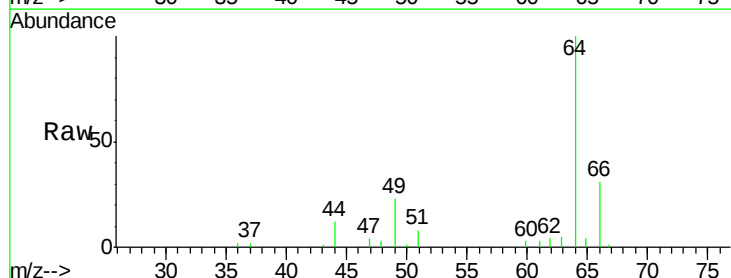
Acq: 3 Dec 2020 11:45

Tgt Ion: 64 Resp: 27125

Ion Ratio Lower Upper

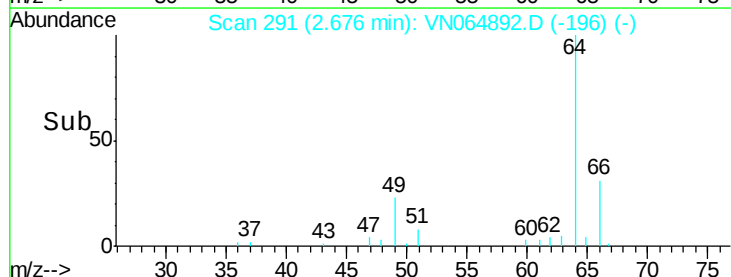
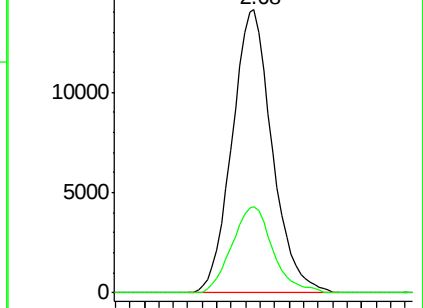
64 100

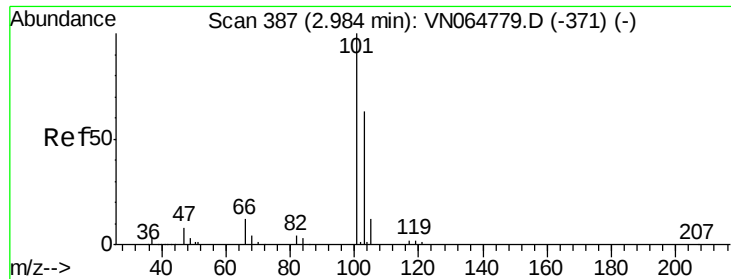
66 30.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

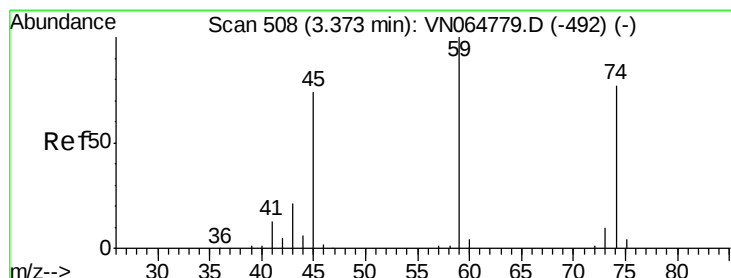
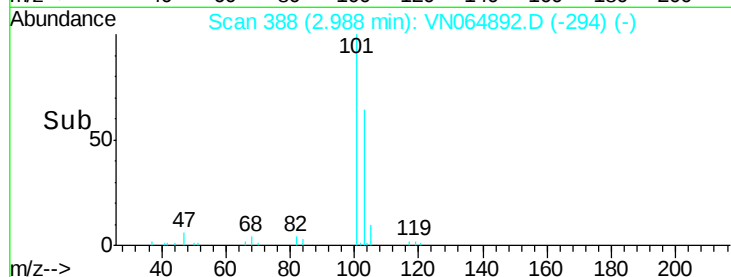
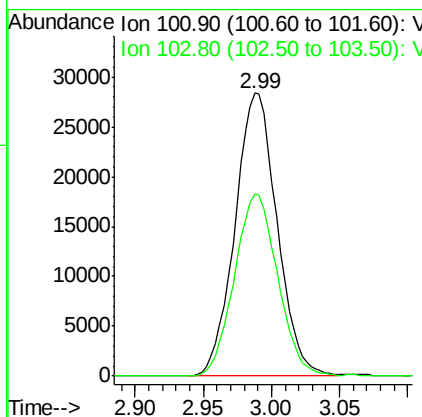
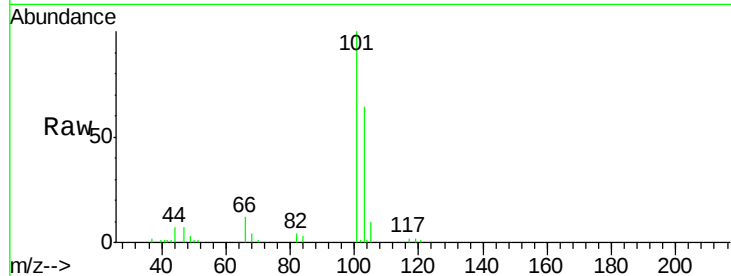
Trichlorofluoromethane
Concen: 17.926 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
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ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.5	75.7

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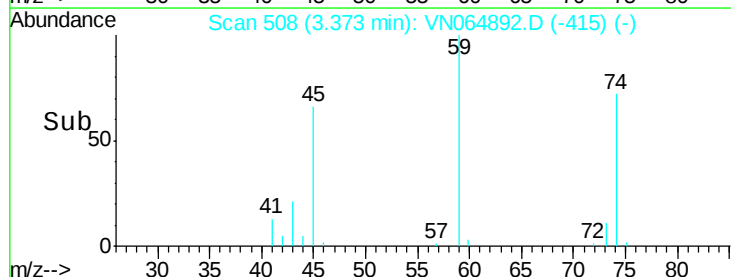
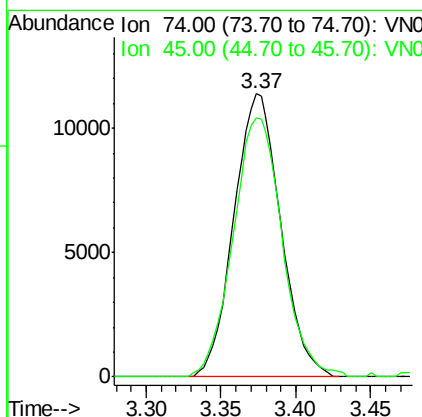
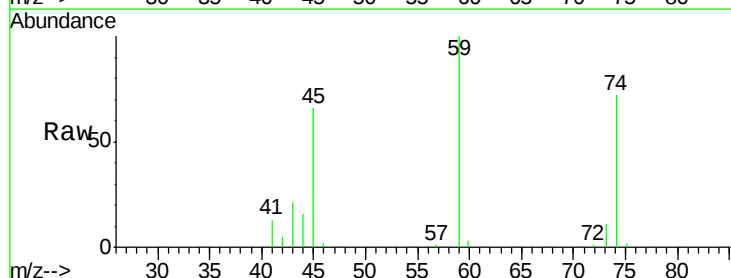
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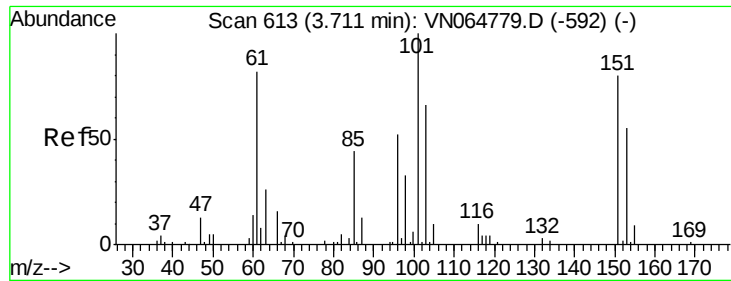


#8

Diethyl Ether
Concen: 18.432 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.639 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

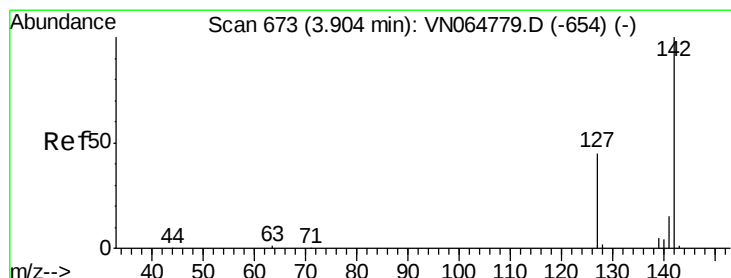
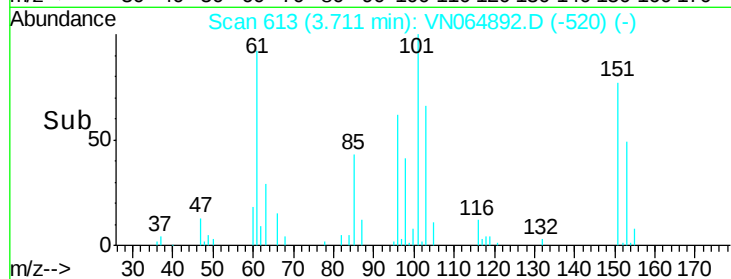
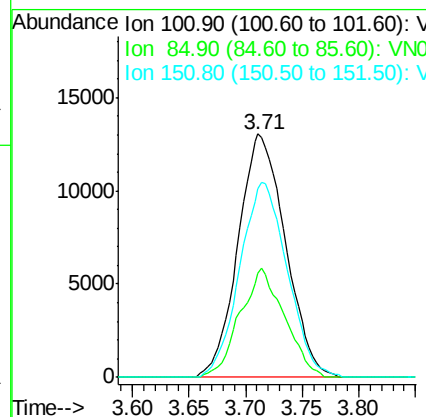
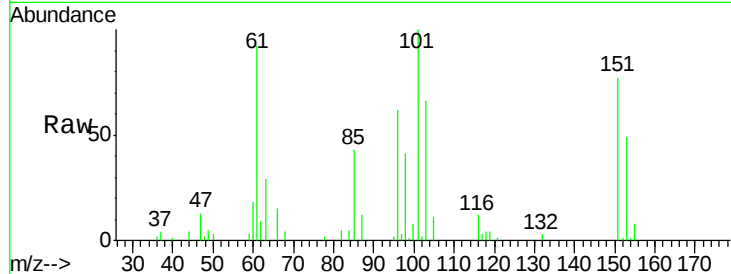
VN1203WBS01

Tot Ion:	101	Resp:	37966
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	80.5	64.0	96.0

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#10

Methyl Iodide

Concen: 16.073 ug/l

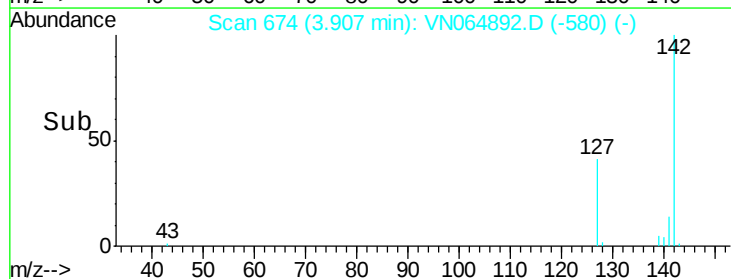
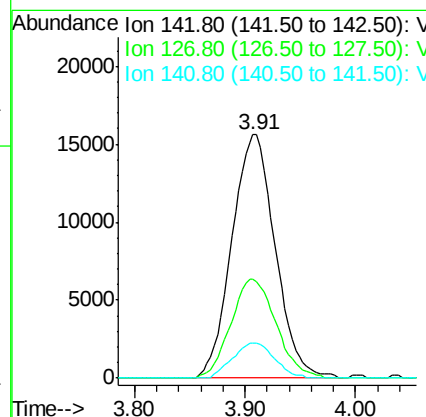
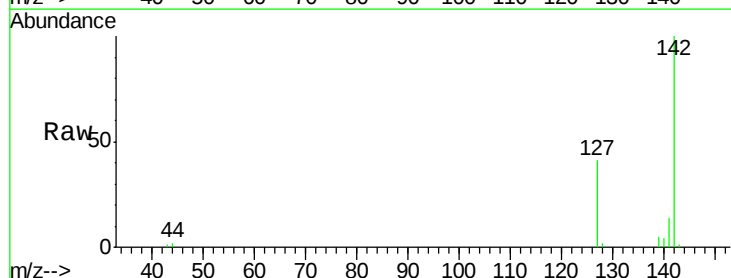
RT: 3.91 min Scan# 674

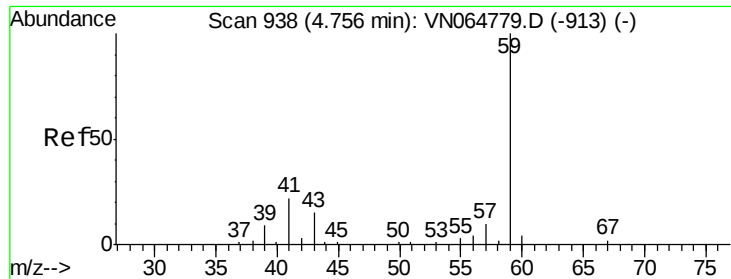
Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	142	Resp:	42466
Ion Ratio	Lower	Upper	
142	100		
127	42.4	35.0	52.6
141	13.9	11.8	17.6





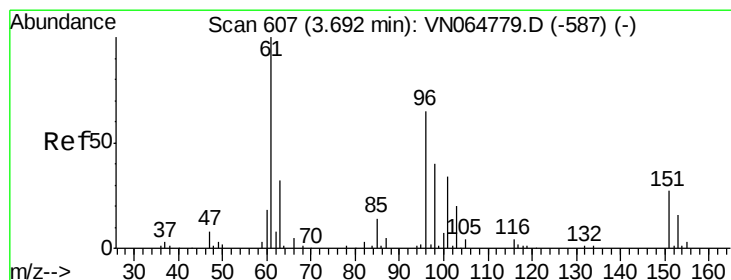
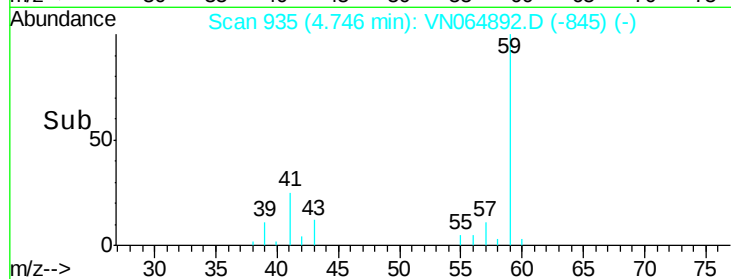
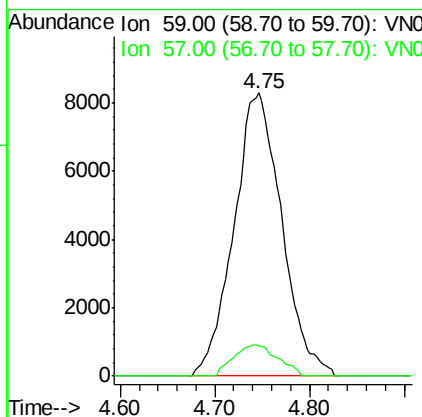
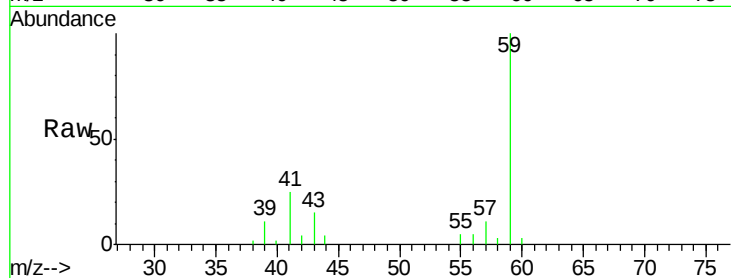
#11
Tert butyl alcohol
Concen: 76.791 ug/l
RT: 4.75 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 59 Resp: 29126
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

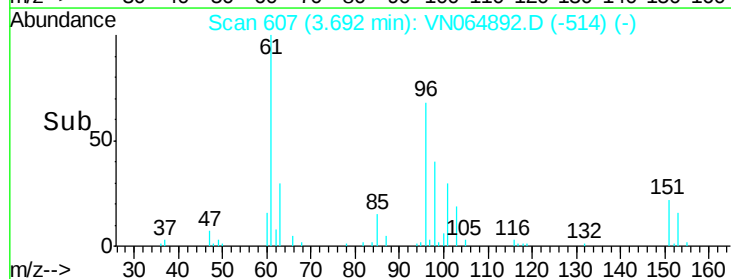
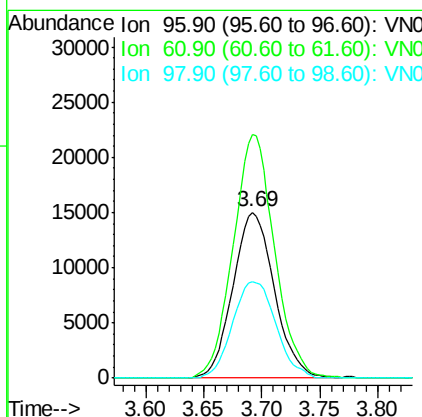
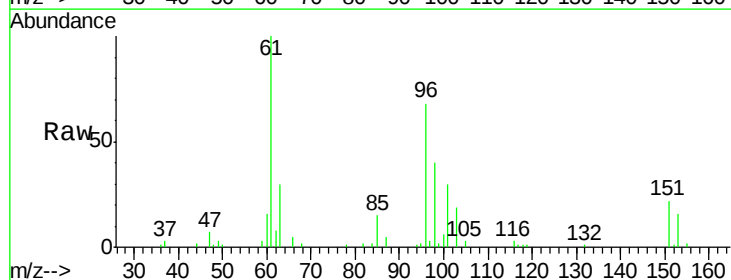
Manual Integrations
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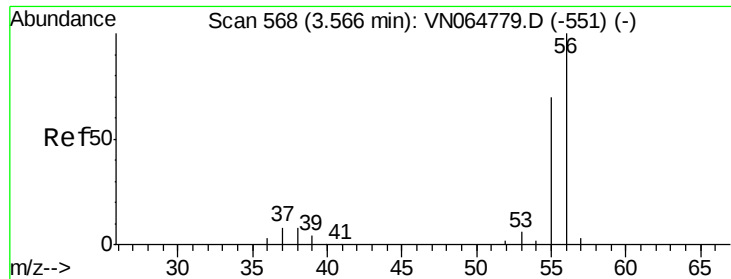
SAM
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#12
1,1-Dichloroethene
Concen: 18.422 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 96 Resp: 37372
Ion Ratio Lower Upper
96 100
61 146.6 123.4 185.2
98 57.9 49.8 74.8





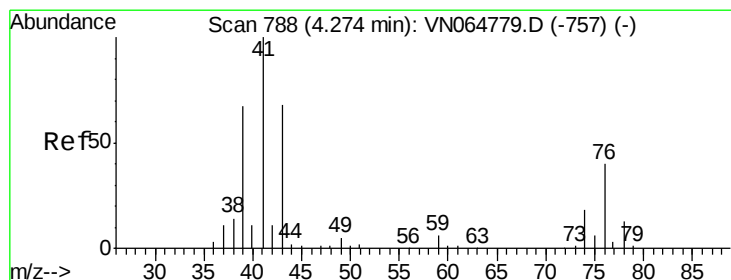
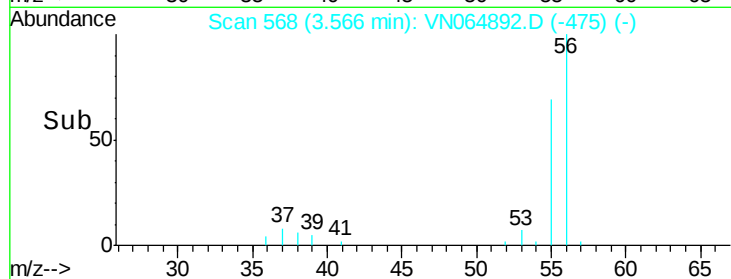
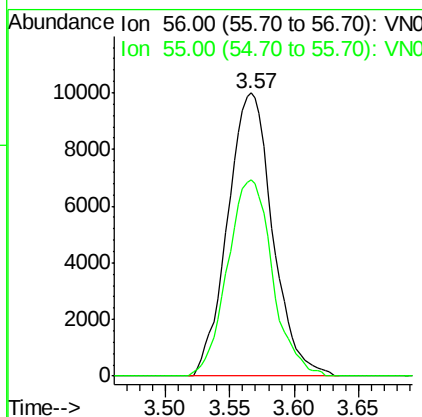
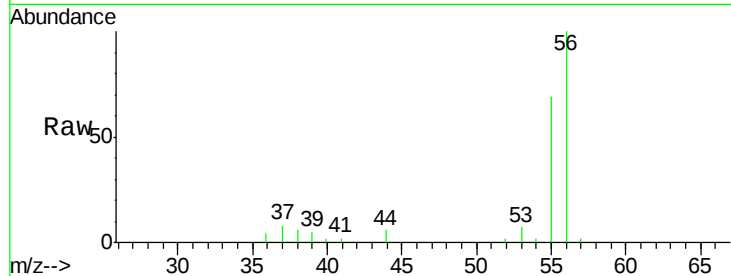
#13
Acrolein
Concen: 104.469 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion: 56 Resp: 24203
Ion Ratio Lower Upper
56 100
55 69.5 56.5 84.7

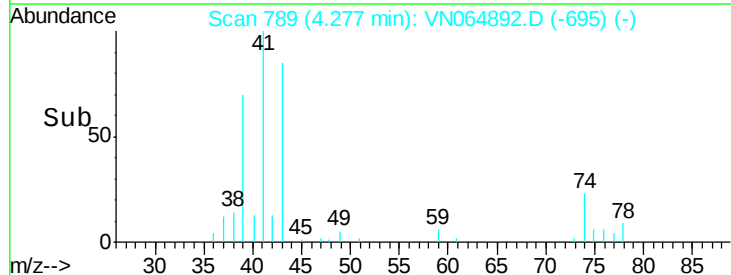
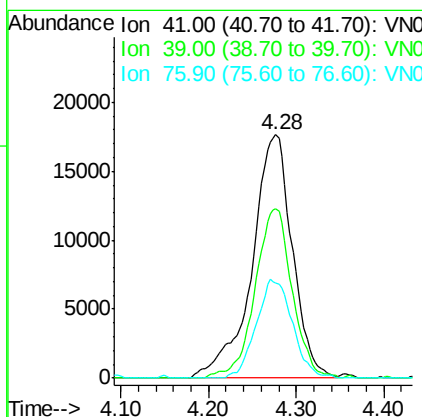
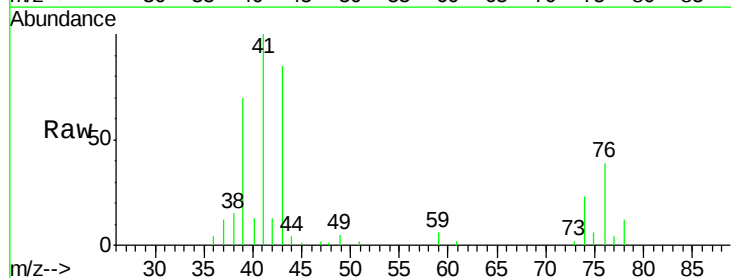
Manual Integrations
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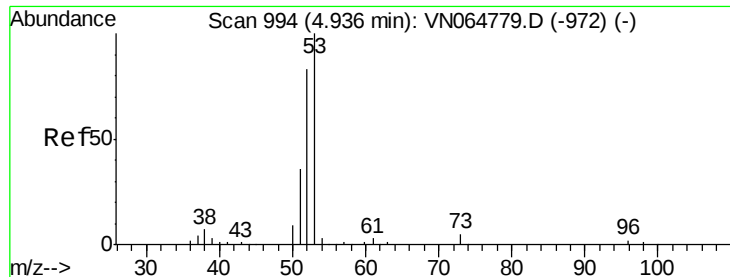
SAM
12/4/2020 5:42:01 PM



#14
Allyl chloride
Concen: 16.884 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 41 Resp: 56491
Ion Ratio Lower Upper
41 100
39 63.8 50.9 76.3
76 36.3 29.0 43.4





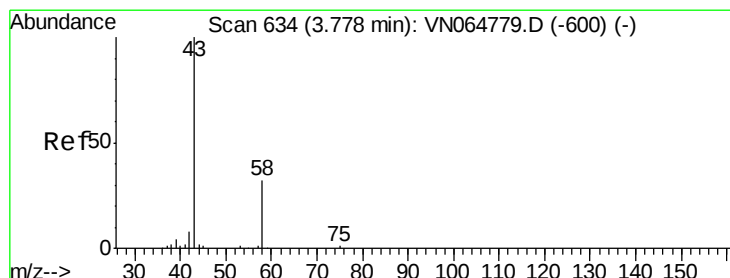
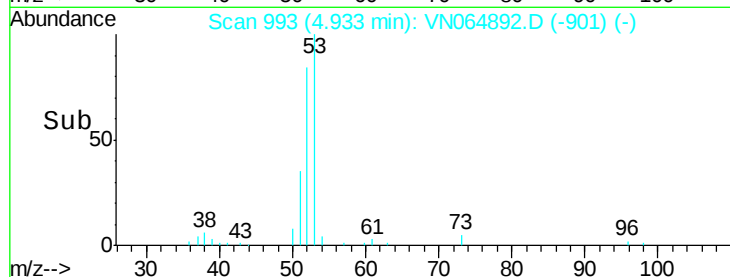
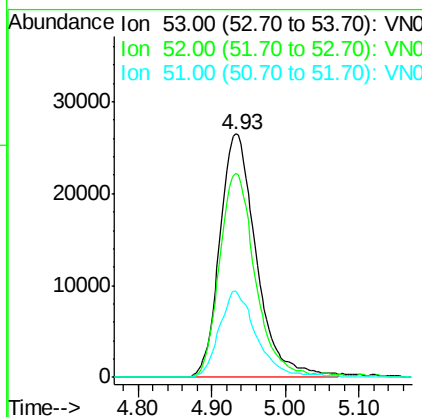
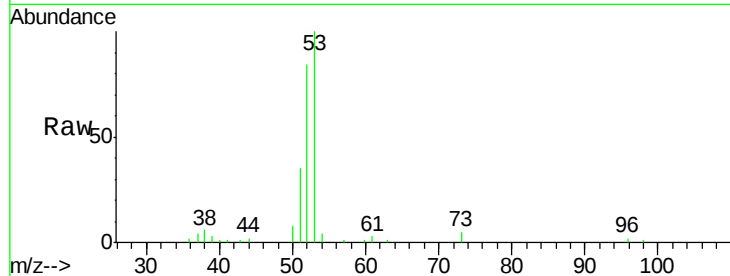
#15
 Acrylonitrile
 Concen: 87.179 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	53	Ratio	Lower	Upper
53	100			
52	81.7	65.5	98.3	
51	35.5	28.6	43.0	

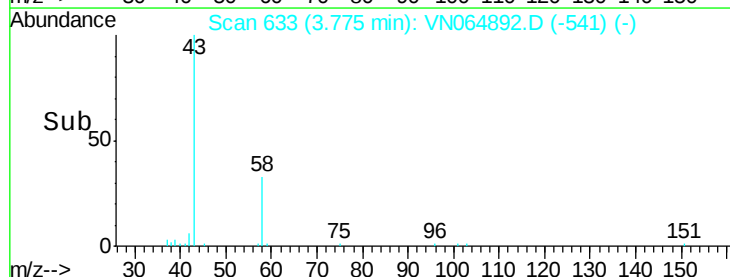
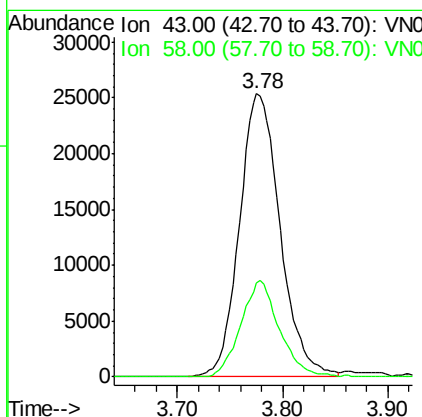
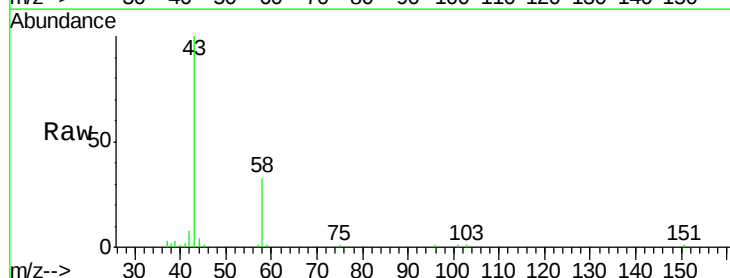
Manual Integrations
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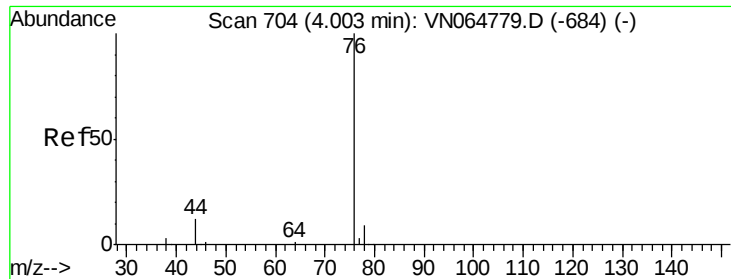
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#16
 Acetone
 Concen: 85.113 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	43	Ratio	Lower	Upper
43	100			
58	33.1	25.7	38.5	





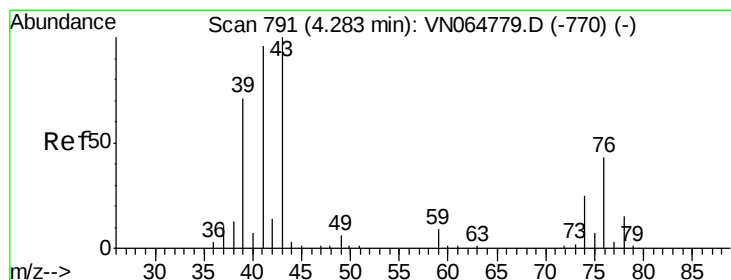
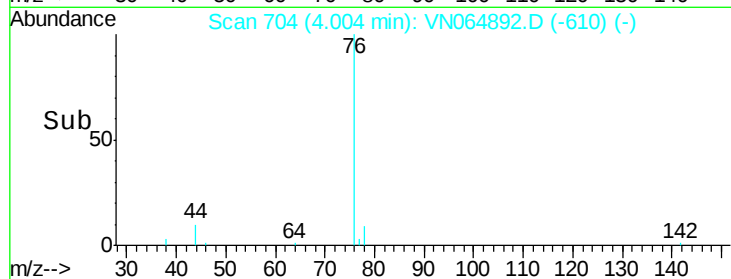
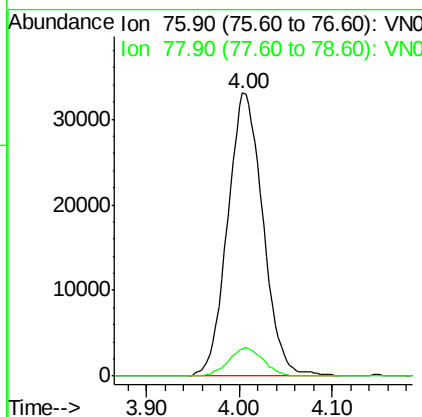
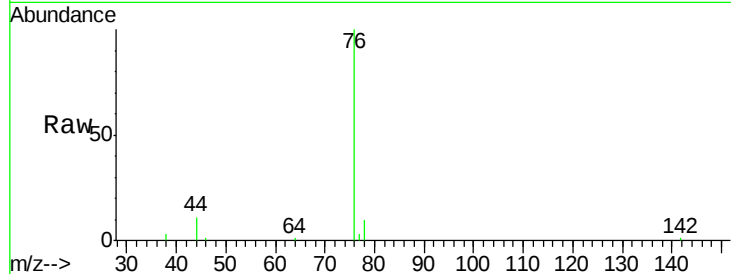
#17
Carbon Disulfide
Concen: 16.667 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 76 Resp: 87278
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

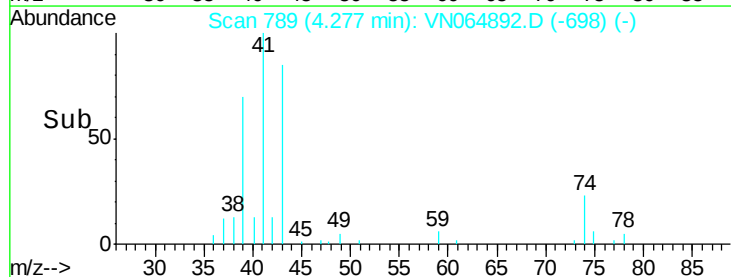
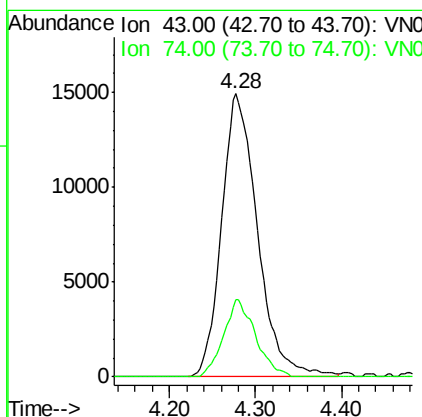
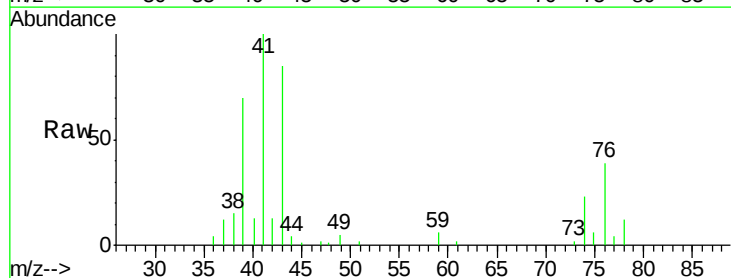
Manual Integrations
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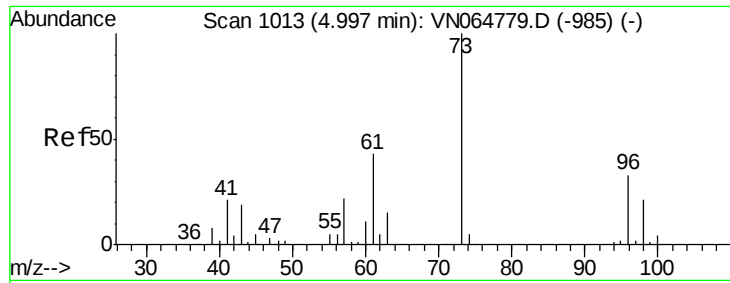
SAM
12/4/2020 5:42:01 PM



#18
Methyl Acetate
Concen: 18.026 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 43 Resp: 43330
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2





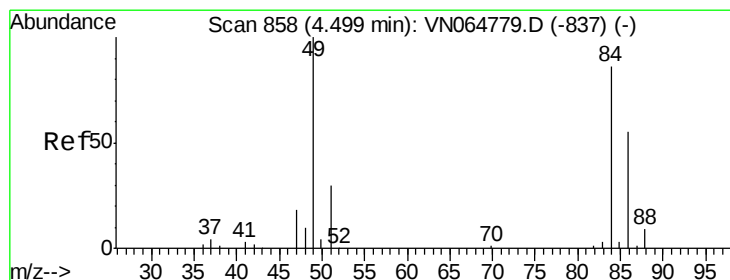
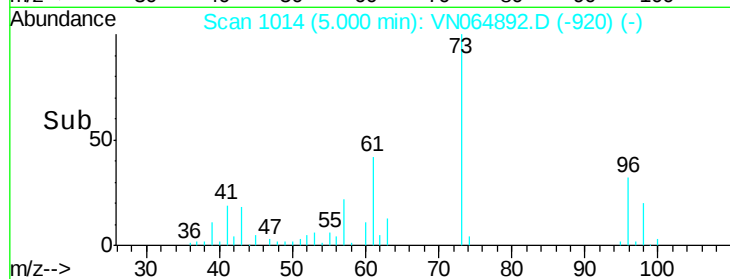
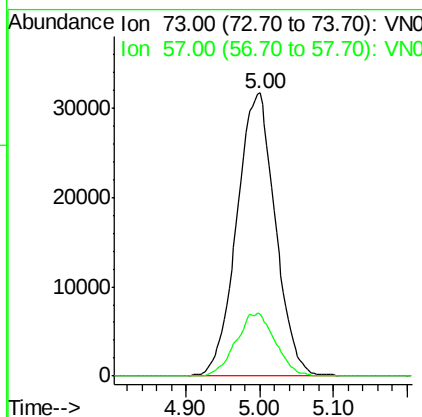
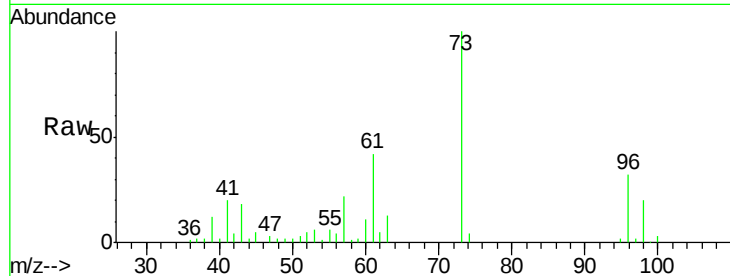
#19
Methvl tert-butvl Ether
Concen: 17.710 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 73 Resp: 115223
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

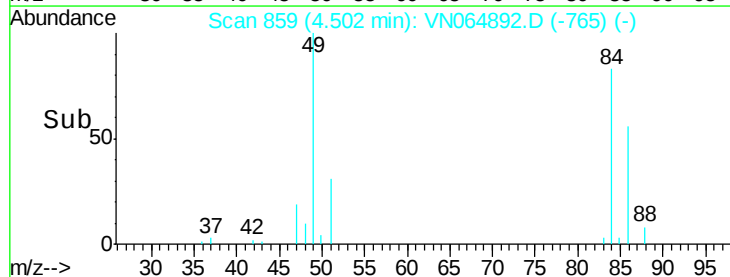
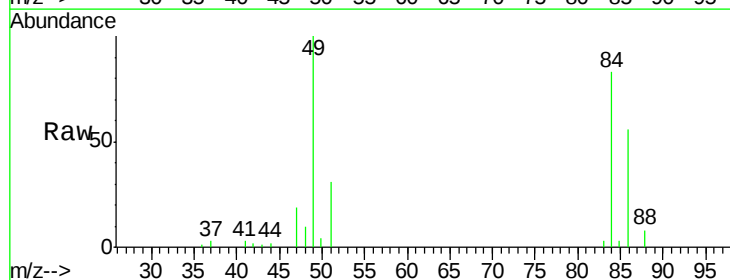
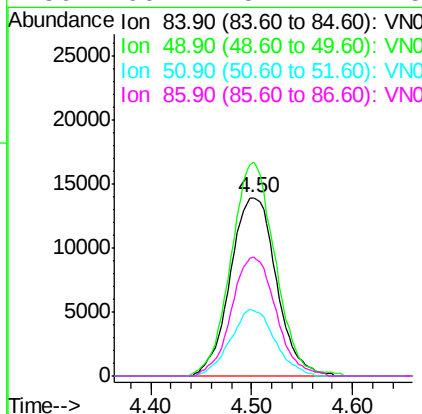
Manual Integrations
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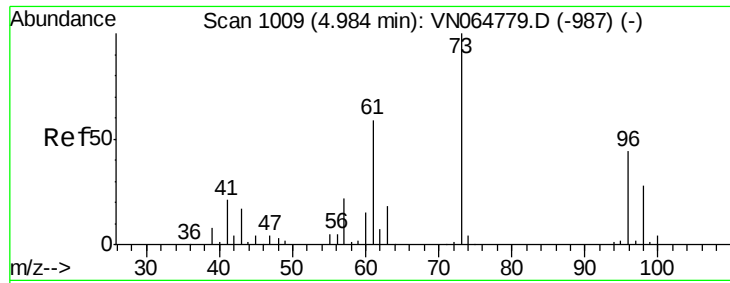
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#20
Methylene Chloride
Concen: 17.621 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 84 Resp: 44144
Ion Ratio Lower Upper
84 100
49 119.9 93.4 140.0
51 36.9 28.2 42.4
86 66.7 51.7 77.5





#21

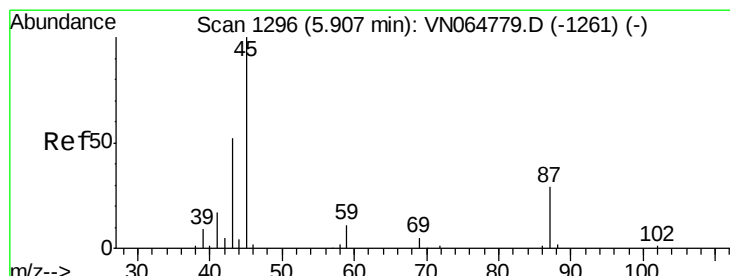
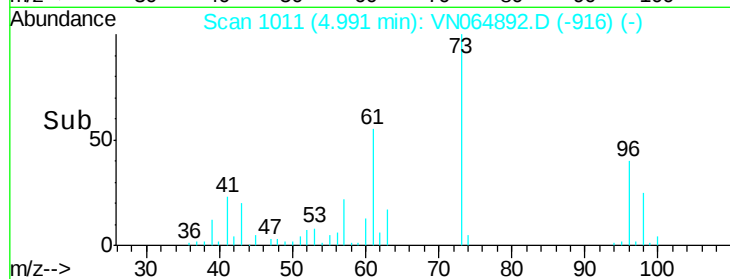
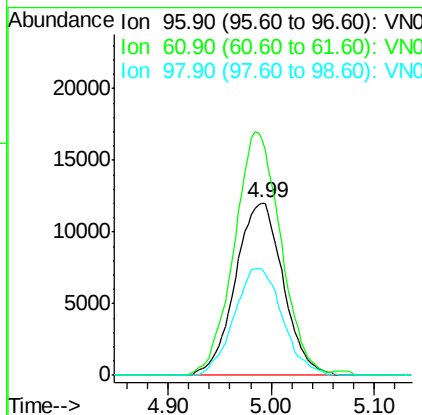
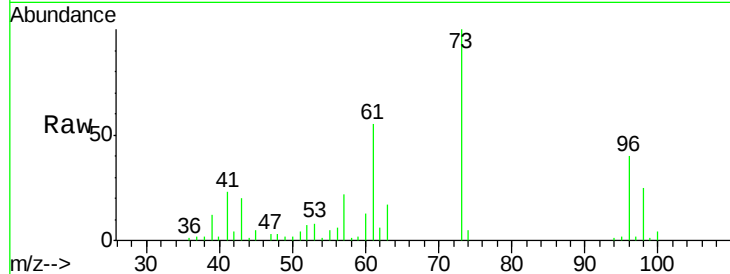
trans-1,2-Dichloroethene
Concen: 17.170 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	108.4	162.6
98	61.6	51.3	76.9

Manual Integrations
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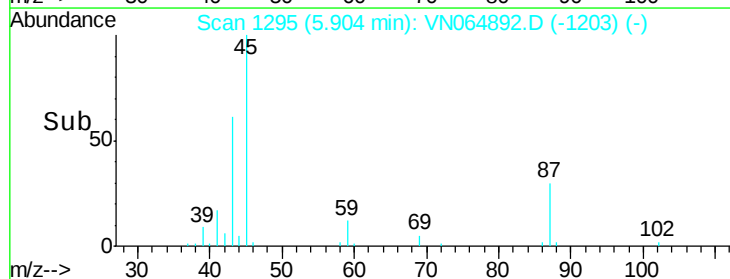
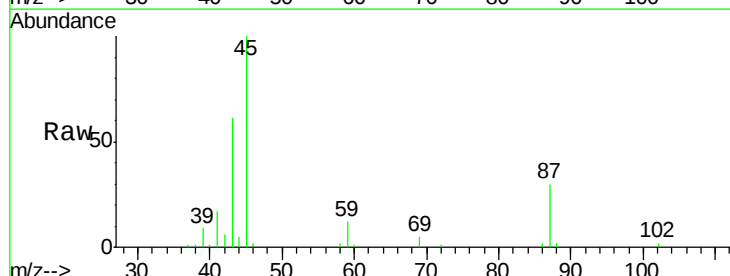
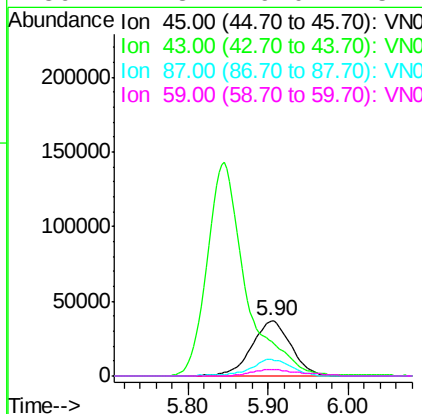
SAM
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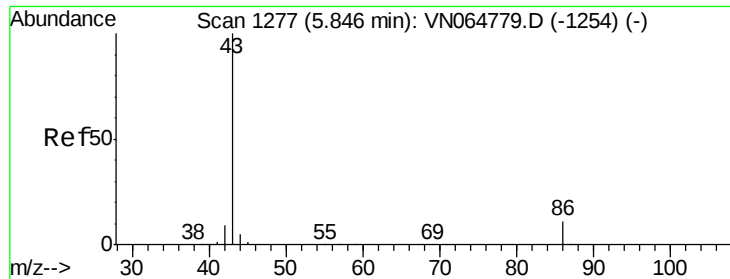


#22

Diisopropyl ether
Concen: 18.695 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.2	69.2
87	29.6	24.1	36.1
59	12.3	9.0	13.4





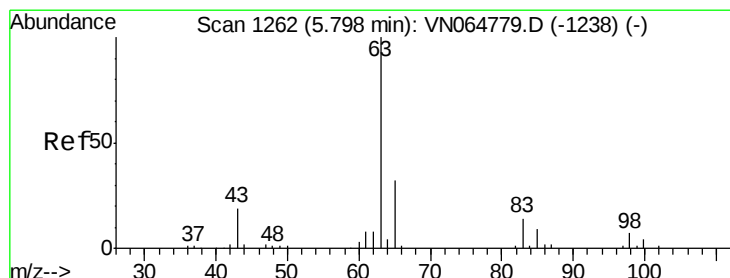
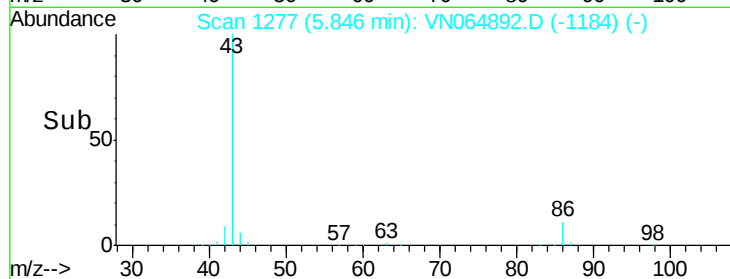
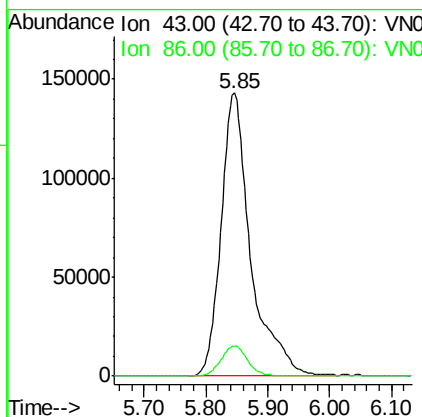
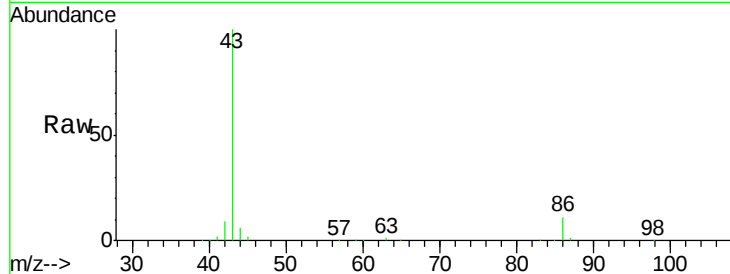
#23
 Vinyl Acetate
 Concen: 89.201 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	43	Resp	477711
Ion Ratio	100	Lower	Upper
86	10.6	8.9	13.3

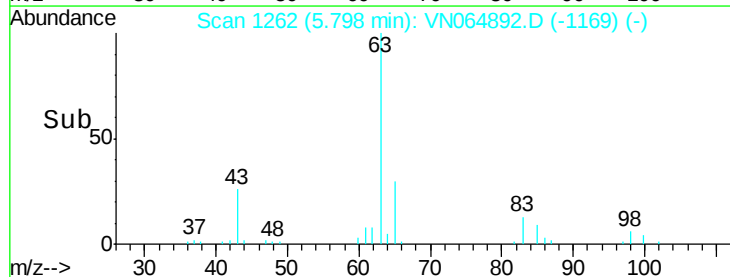
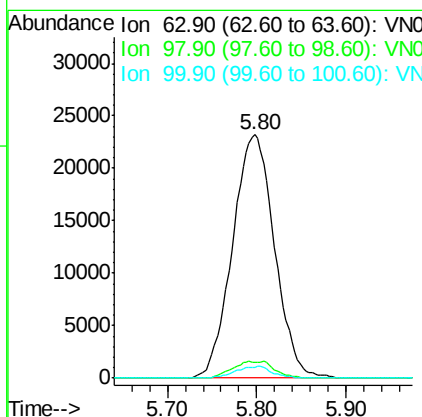
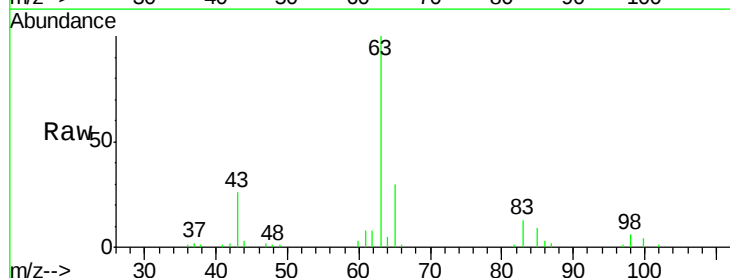
Manual Integrations
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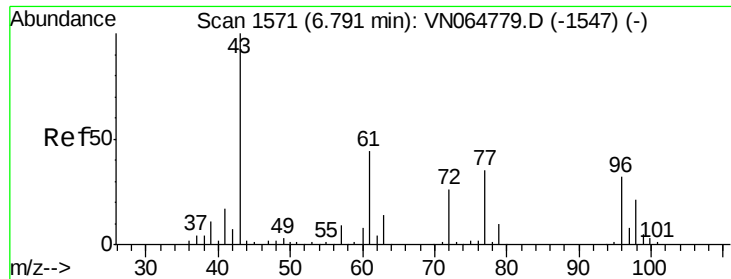
SAM
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#24
 1,1-Dichloroethane
 Concen: 18.926 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	63	Resp	75750
Ion Ratio	100	Lower	Upper
98	6.3	3.5	10.5
100	4.4	2.3	6.8





#25

2-Butanone

Concen: 84.990 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion: 43 Resp: 110148

Ion Ratio Lower Upper

43 100

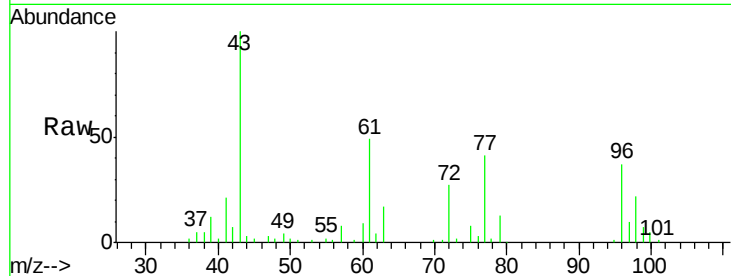
72 27.4 21.0 31.6

Manual Integrations

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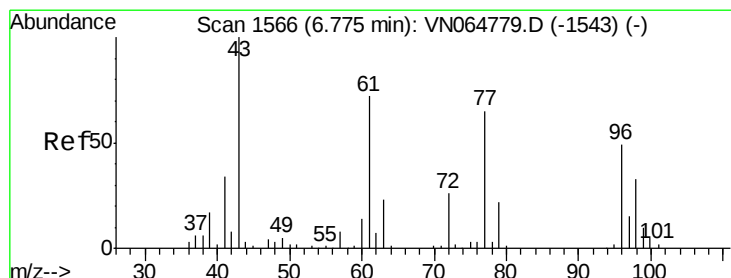
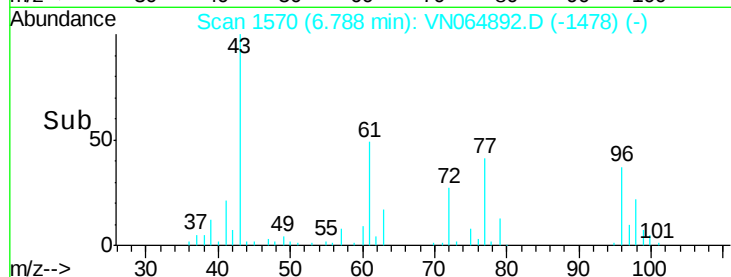
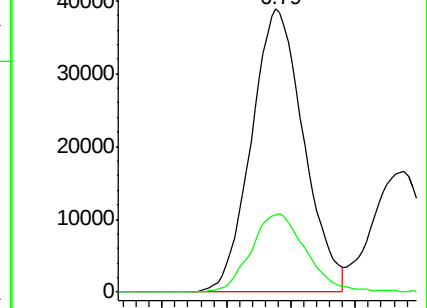
SAM

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.084 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064892.D

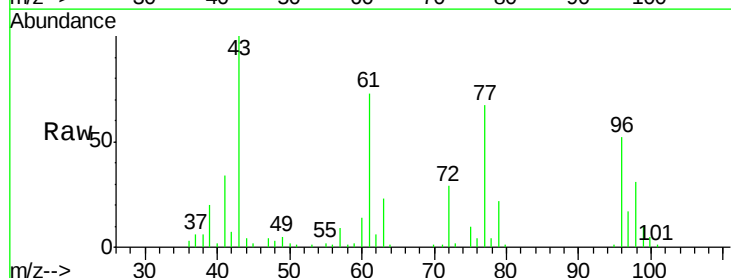
Acq: 3 Dec 2020 11:45

Tgt Ion: 77 Resp: 62775

Ion Ratio Lower Upper

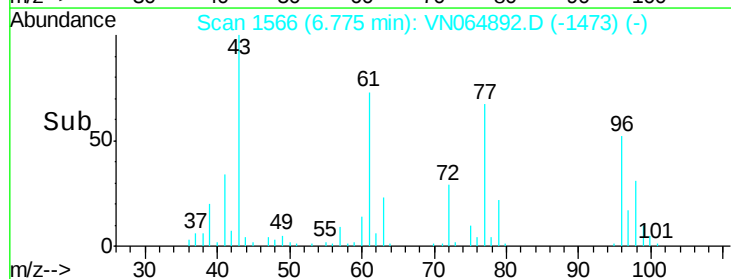
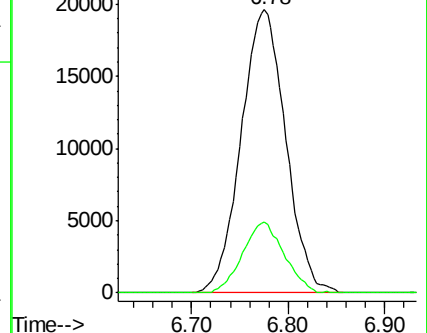
77 100

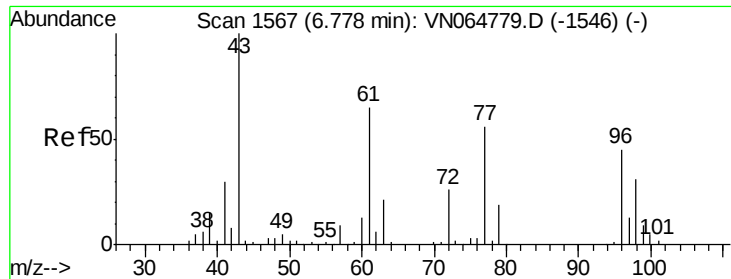
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.020 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampled :

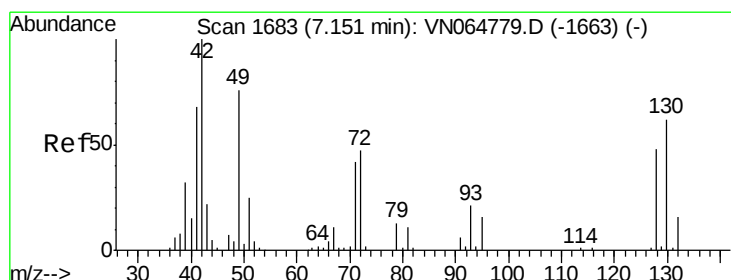
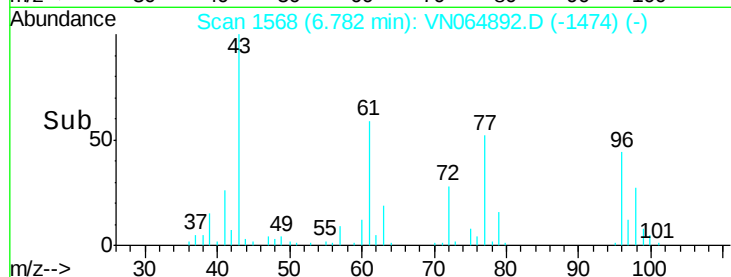
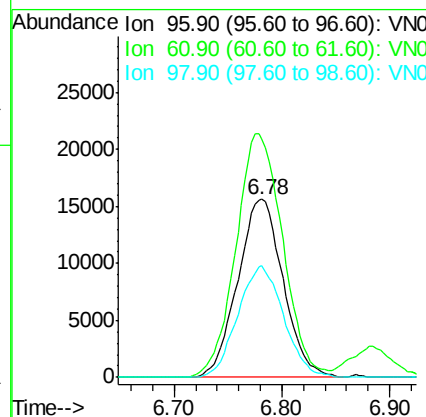
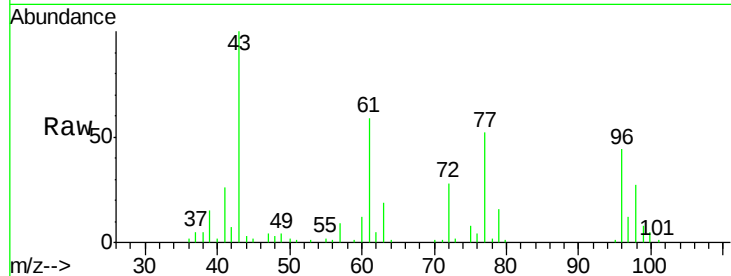
VN1203WBS01

Tot Ion:	96	Resp:	45680
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	285.8
98	63.0	0.0	130.6

Manual Integrations
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SAM

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#28

Bromochloromethane

Concen: 20.011 ug/l

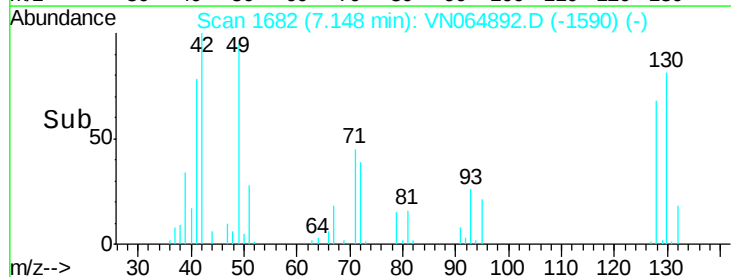
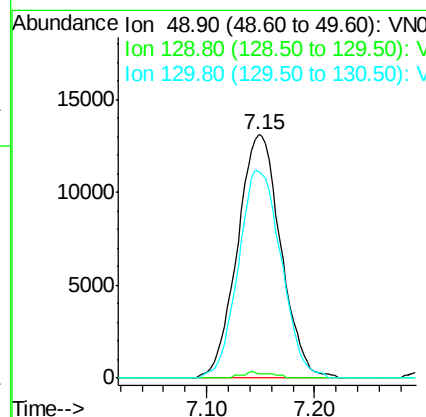
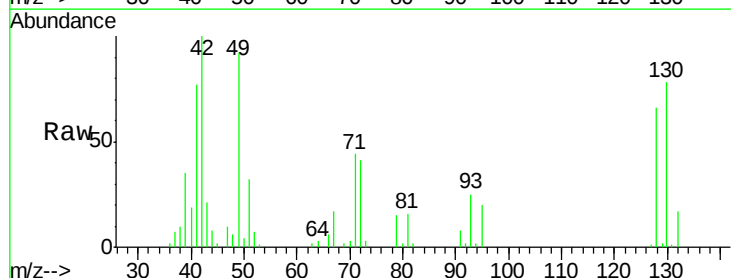
RT: 7.15 min Scan# 1682

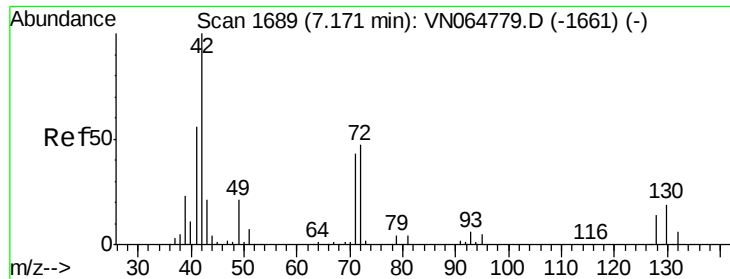
Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	49	Resp:	36639
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	84.5	66.2	99.2





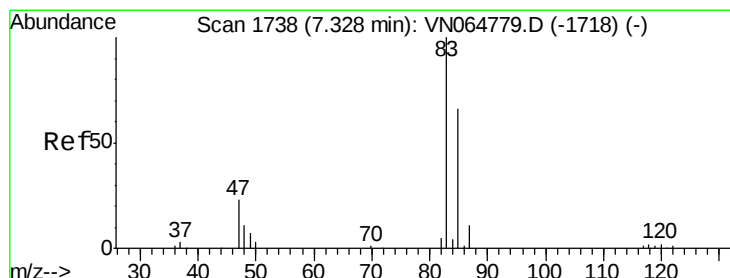
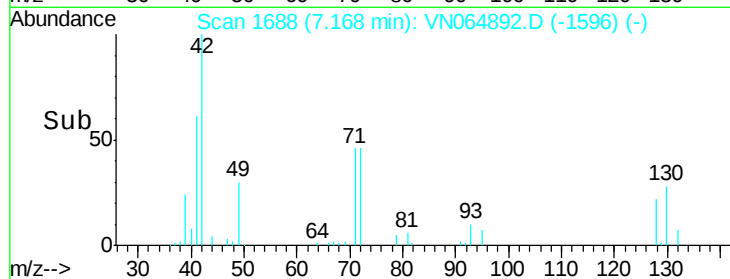
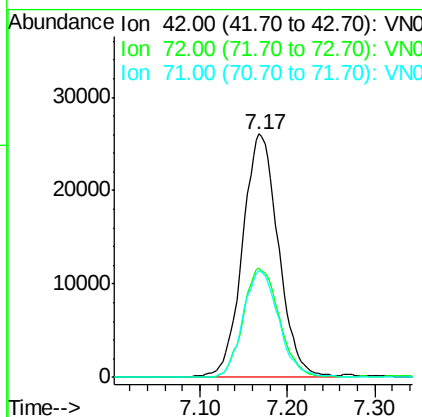
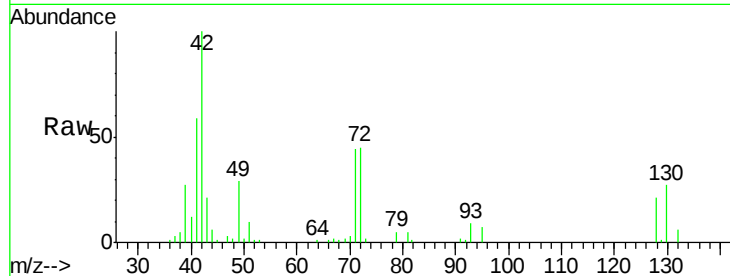
#29
Tetrahydrofuran
Concen: 83.173 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.6	54.8
71	43.4	33.6	50.4

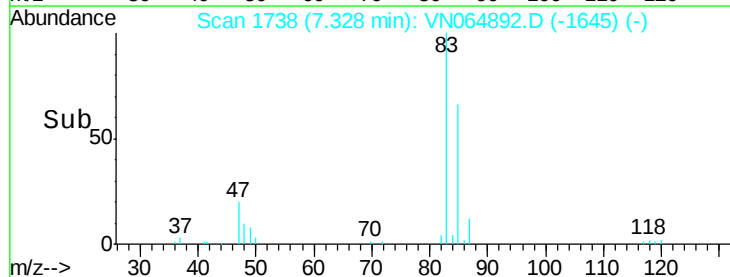
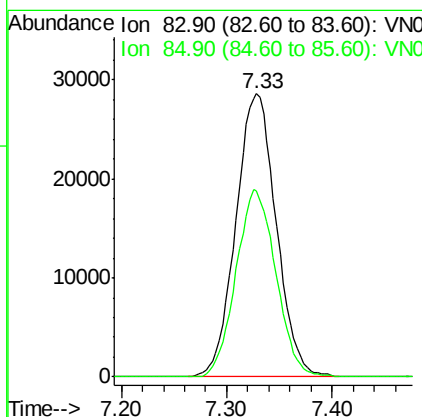
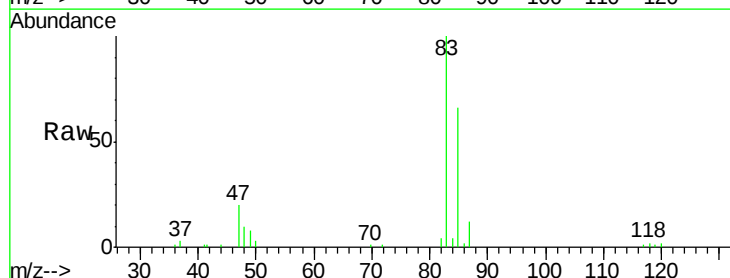
Manual Integrations
APPROVED

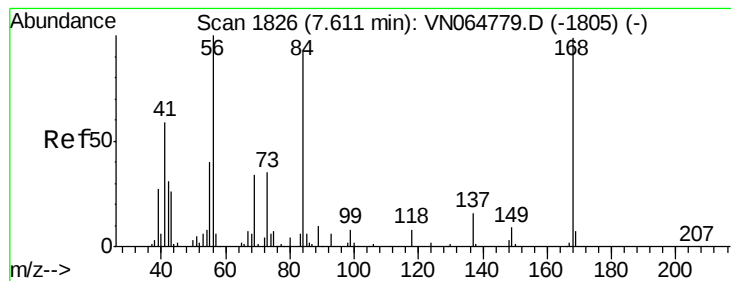
SAM
12/4/2020 5:42:01 PM



#30
Chloroform
Concen: 18.419 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	78.8





#31

Cyclohexane

Concen: 17.243 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampled :

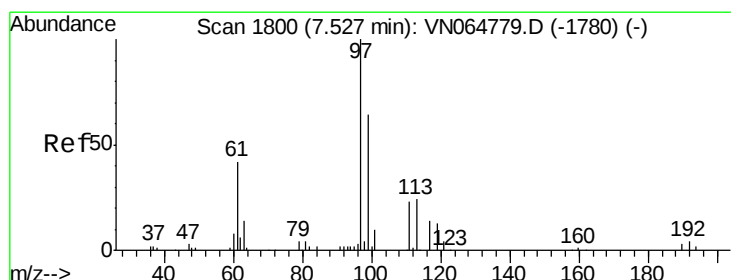
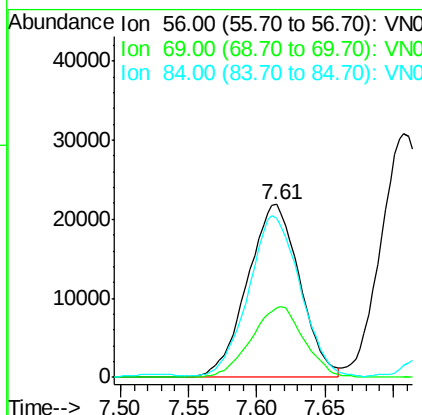
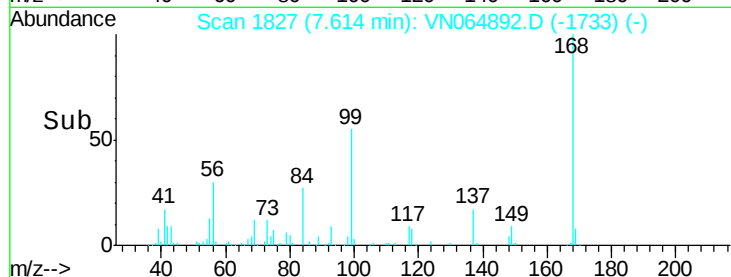
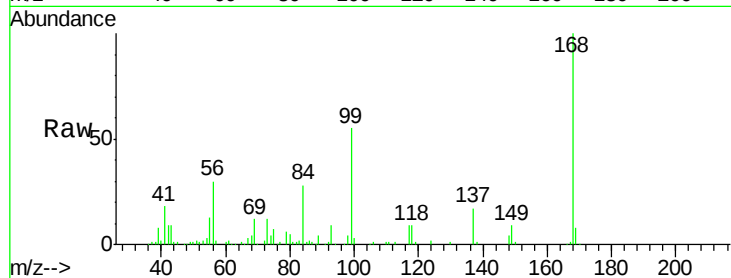
VN1203WBS01

Tot Ion:	56	Resp:	58450
Ion Ratio	Lower	Upper	
56	100		
69	40.0	27.5	41.3
84	90.8	73.9	110.9

Manual Integrations
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SAM

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#32

1,1,1-Trichloroethane

Concen: 18.490 ug/l

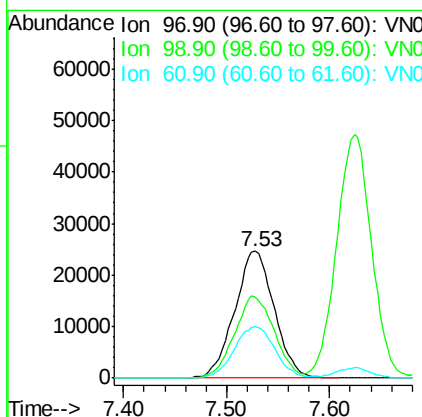
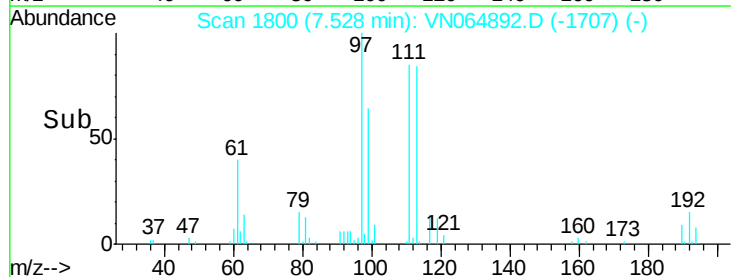
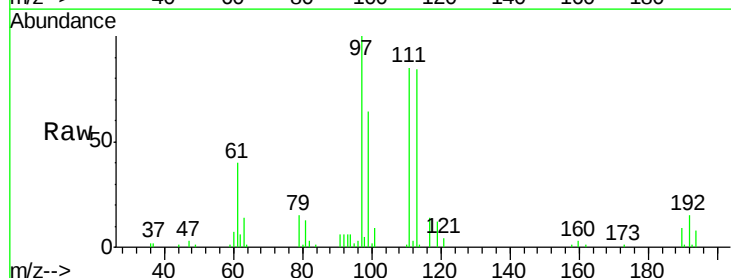
RT: 7.53 min Scan# 1800

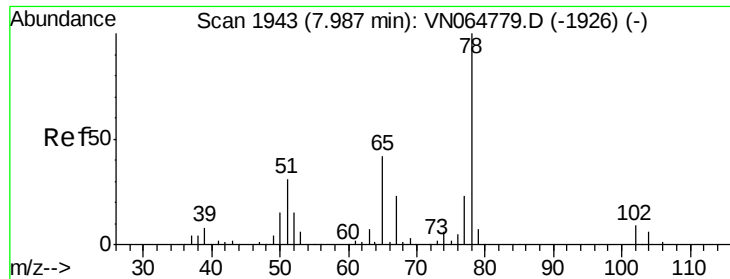
Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	97	Resp:	65545
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.7	77.5
61	42.0	33.9	50.9





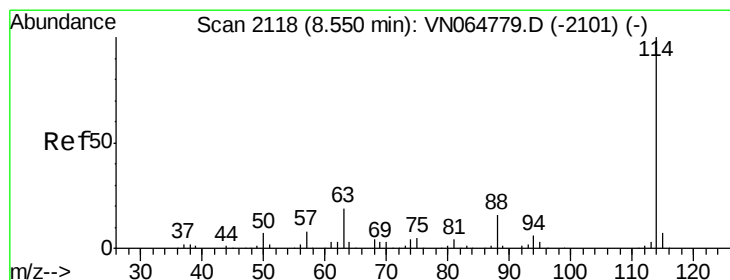
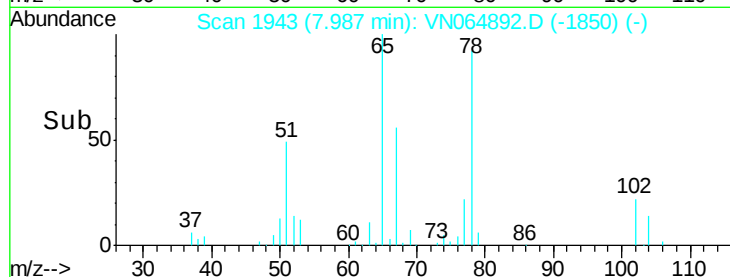
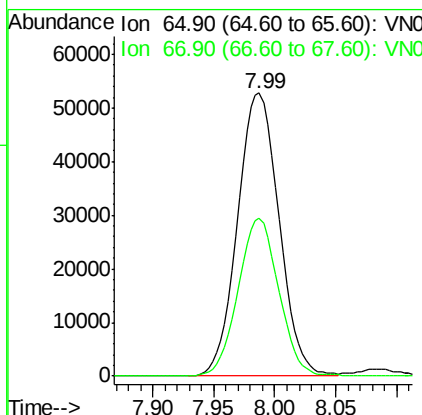
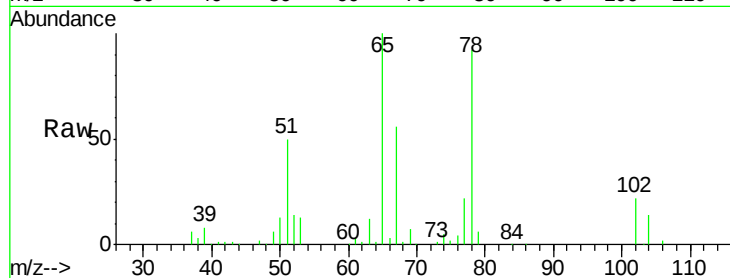
#33
 1,2-Dichloroethane-d4
 Concen: 51.094 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124264		
67	54.5	0.0	108.2	

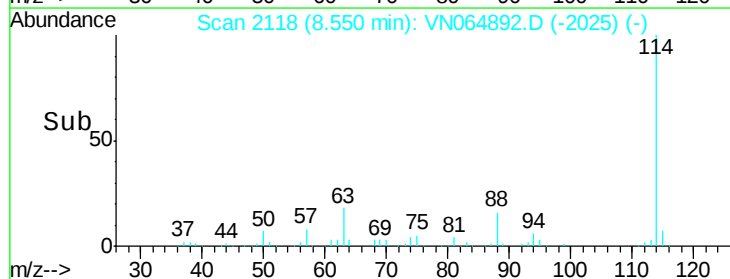
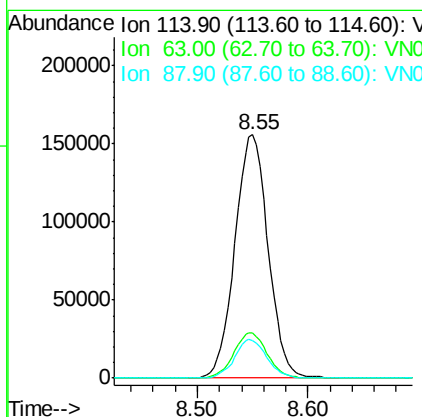
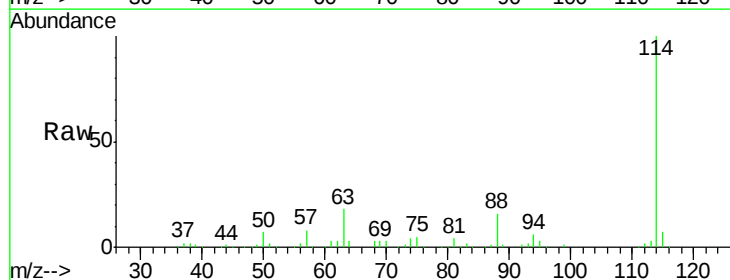
Manual Integrations
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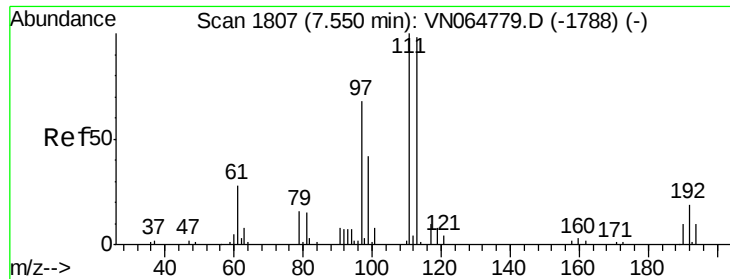
SAM
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	324859		
63	18.3	0.0	38.6	
88	15.6	0.0	32.6	





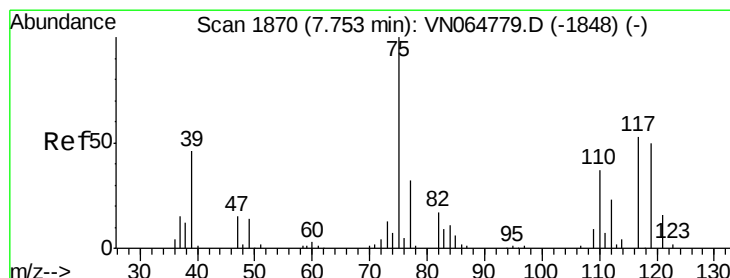
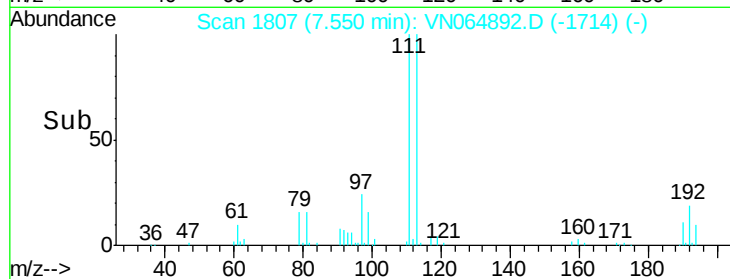
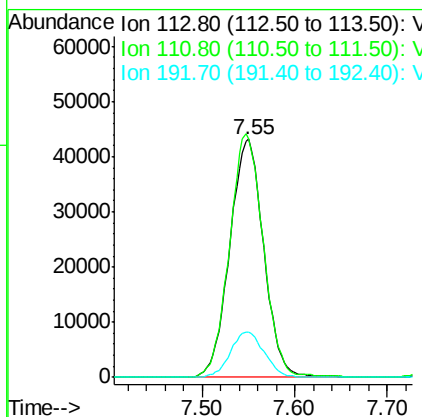
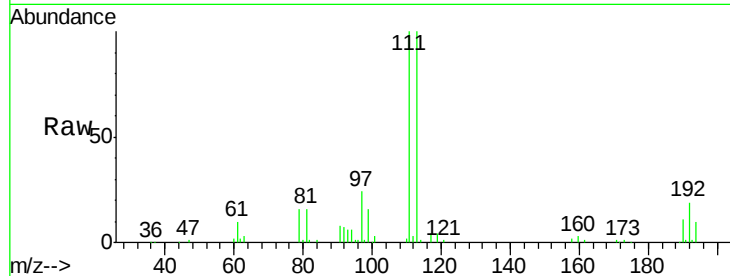
#35
 Dibromofluoromethane
 Concen: 56.391 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.0	81.6	122.4	
192	19.0	16.2	24.2	

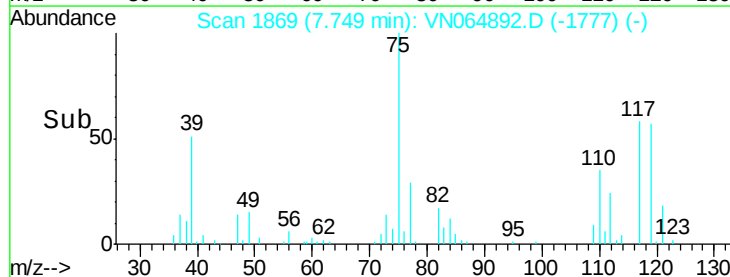
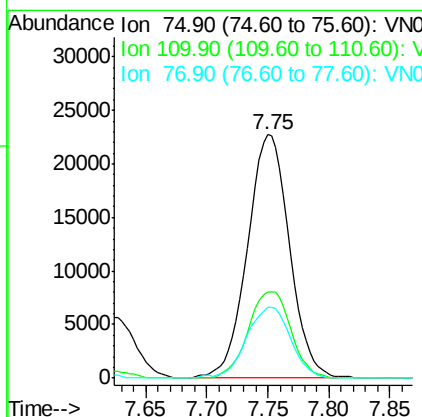
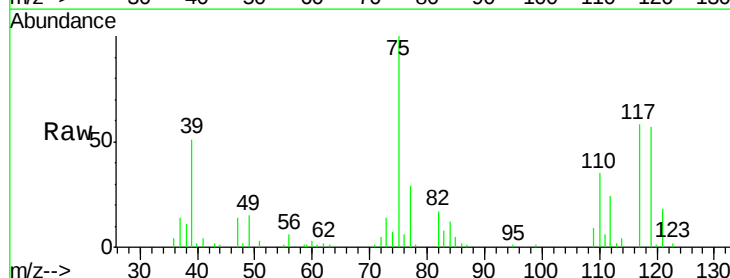
Manual Integrations
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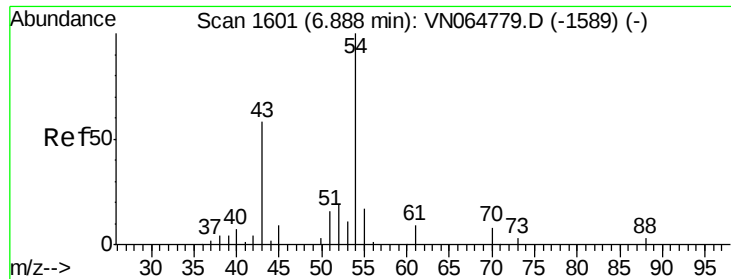
SAM
 12/4/2020 5:42:01 PM



#36
 1,1-Dichloropropene
 Concen: 17.978 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	17.8	53.3	
77	30.1	25.0	37.4	





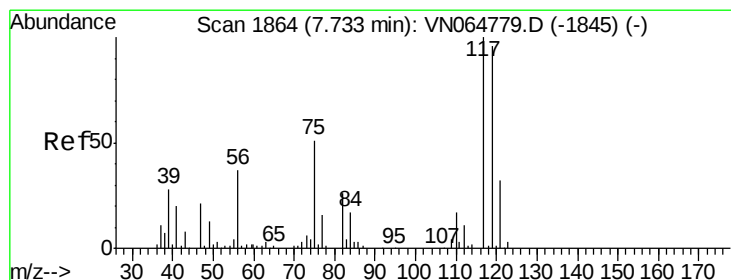
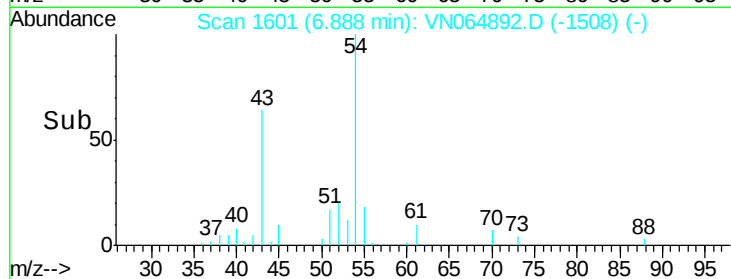
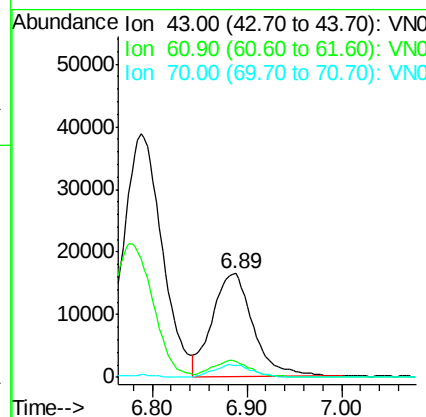
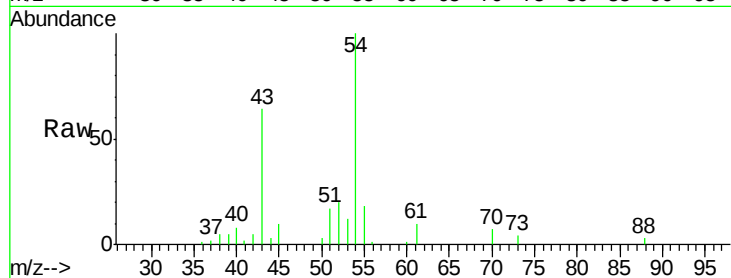
#37
Ethyl Acetate
Concen: 17.101 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleID :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.8	19.2
70	11.4	8.8	13.2

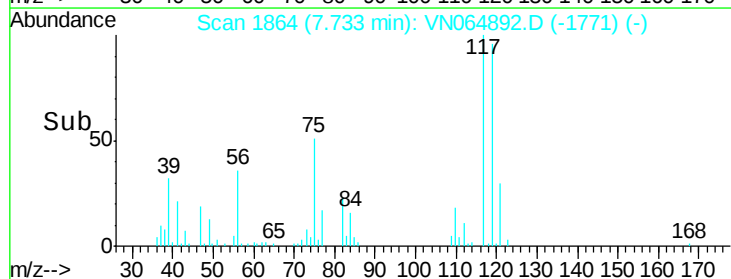
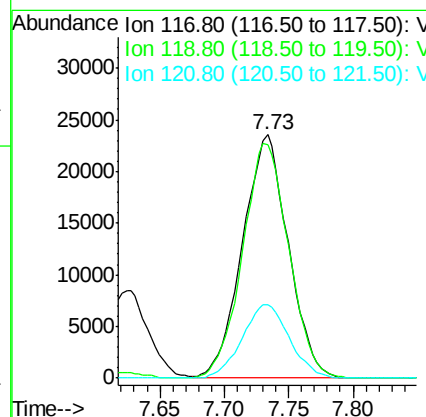
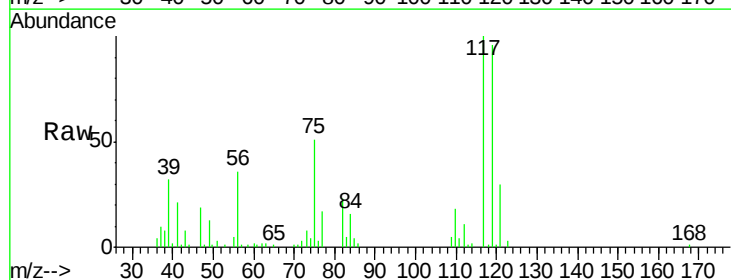
Manual Integrations
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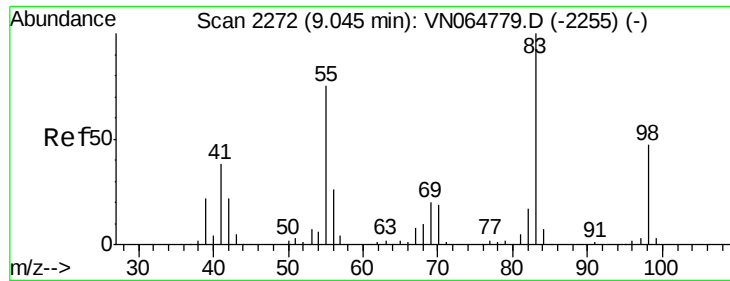
SAM
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#38
Carbon Tetrachloride
Concen: 18.551 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1
121	30.1	25.4	38.2





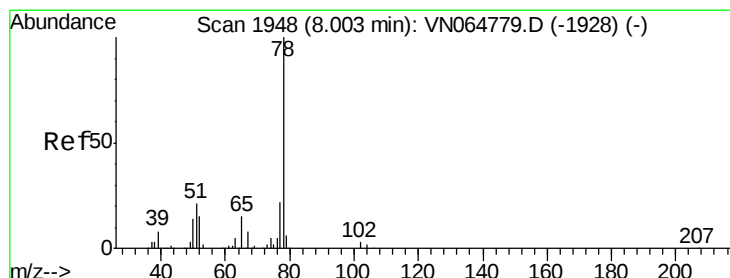
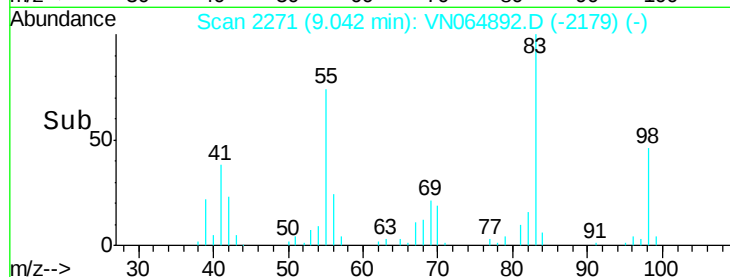
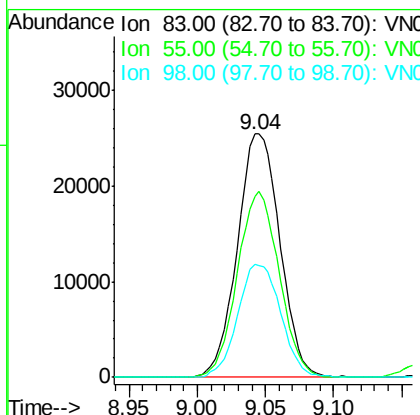
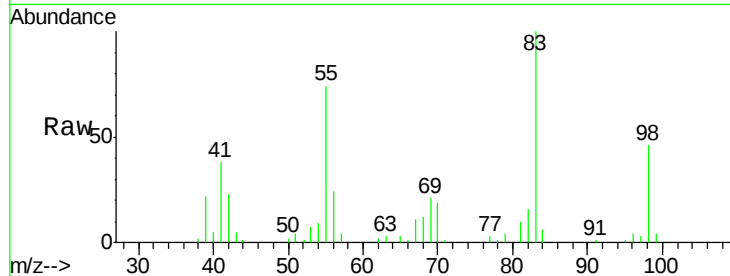
#39
Methvlcvclohexane
Concen: 17.033 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	60.2	90.2
98	46.2	37.4	56.2

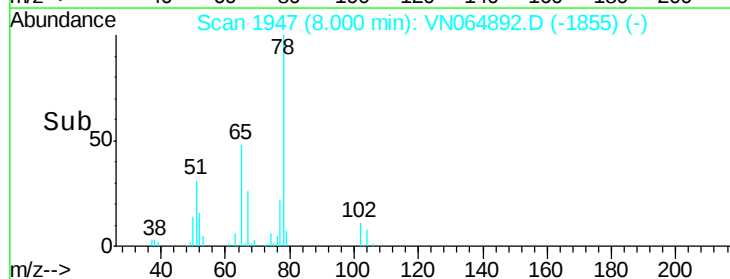
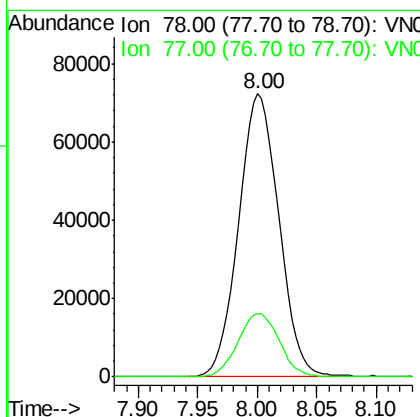
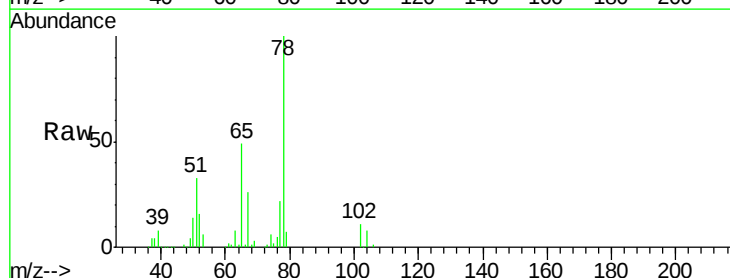
Manual Integrations
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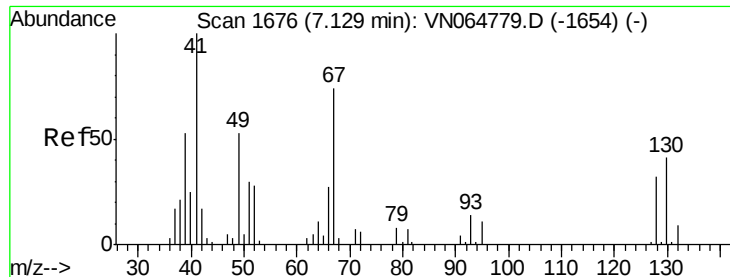
SAM
12/4/2020 5:42:01 PM



#40
Benzene
Concen: 18.389 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.9	26.9





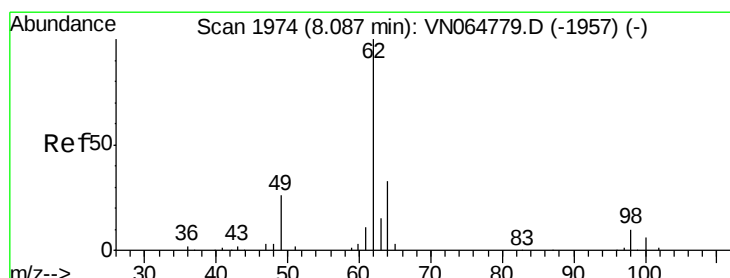
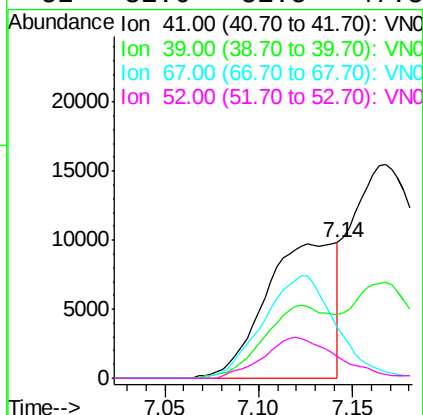
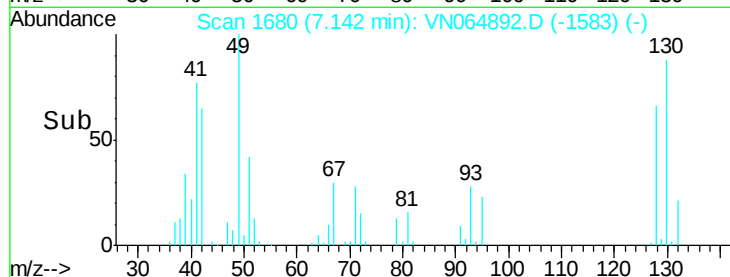
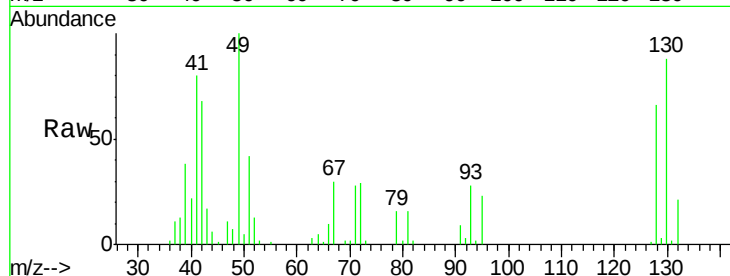
#41
Methacrylonitrile
Concen: 19.250 ug/l m
RT: 7.14 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.0	51.0	76.6#
67	77.6	79.8	119.8#
52	31.6	31.5	47.3

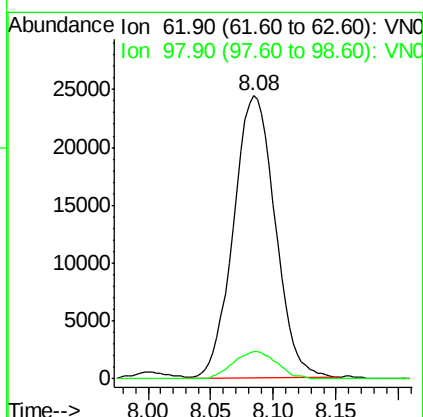
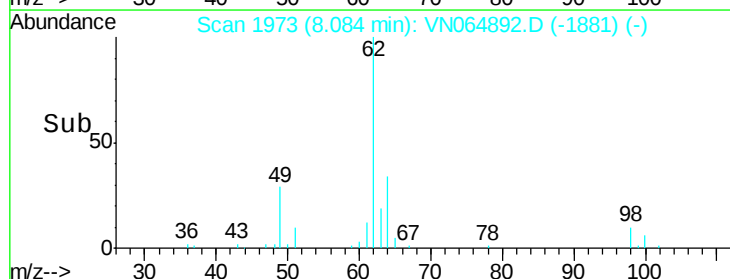
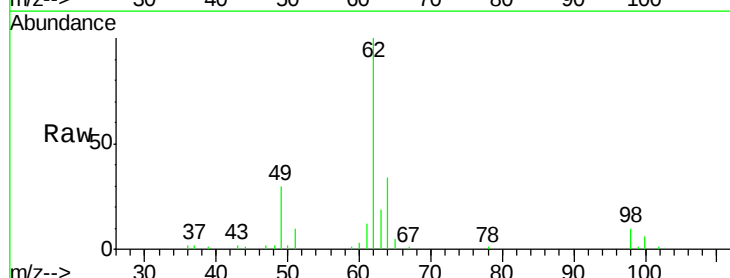
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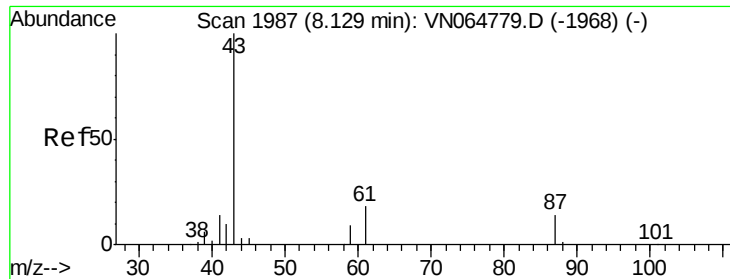
SAM
12/4/2020 5:42:01 PM



#42
1,2-Dichloroethane
Concen: 18.071 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 16.847 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

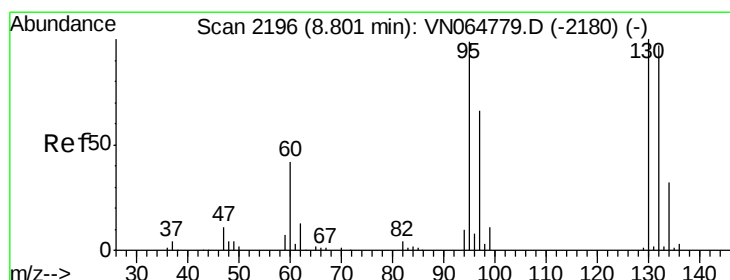
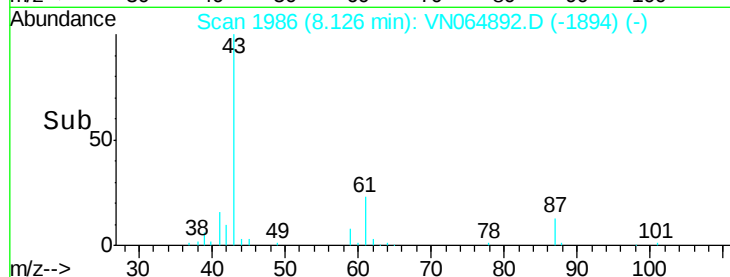
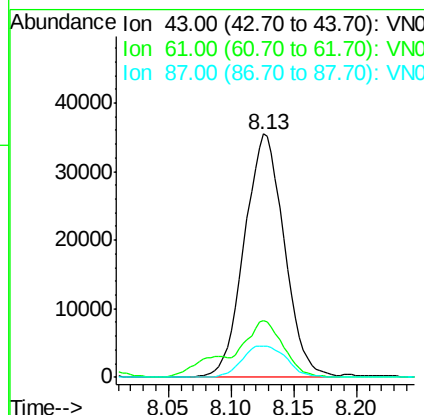
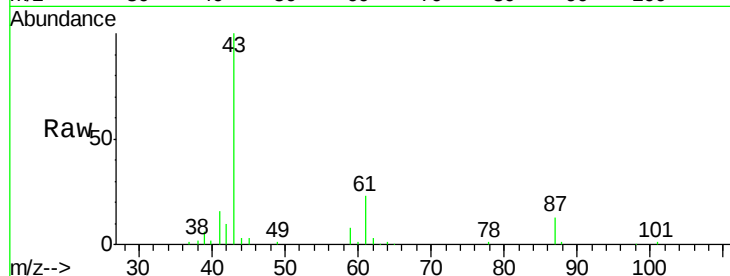
VN1203WBS01

Tot Ion:	43	Resp:	78632
Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.2	25.8
87	14.3	11.4	17.0

Manual Integrations
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SAM

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#44

Trichloroethene

Concen: 18.058 ug/l

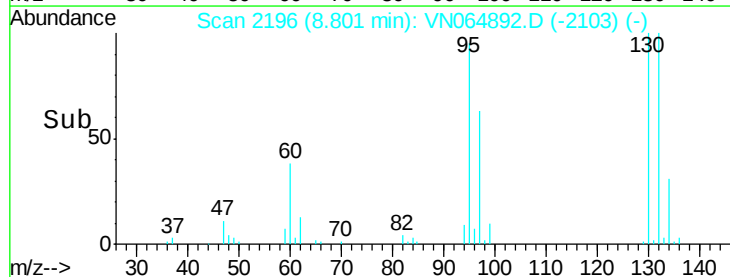
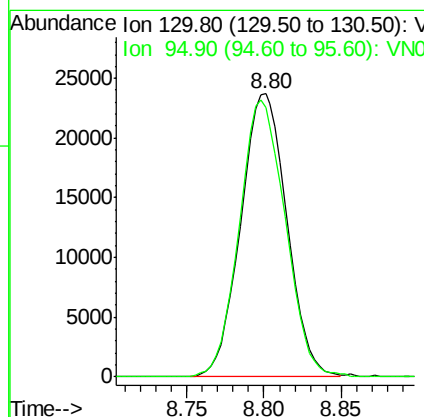
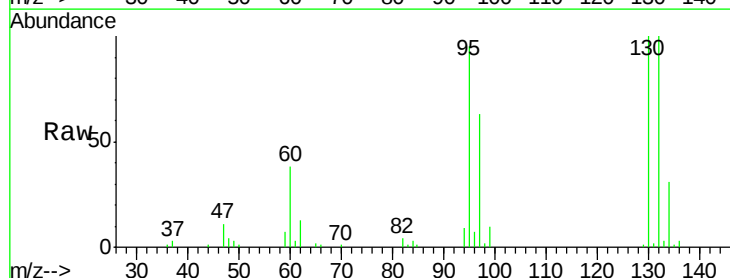
RT: 8.80 min Scan# 2196

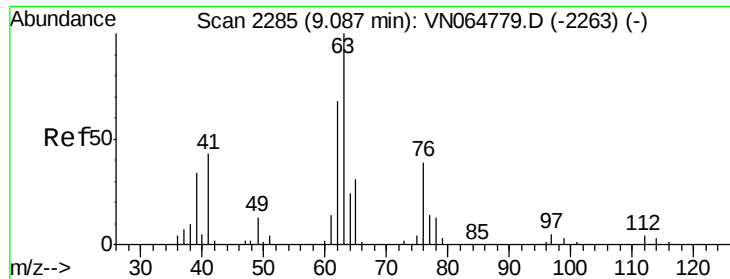
Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	130	Resp:	49163
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	197.8





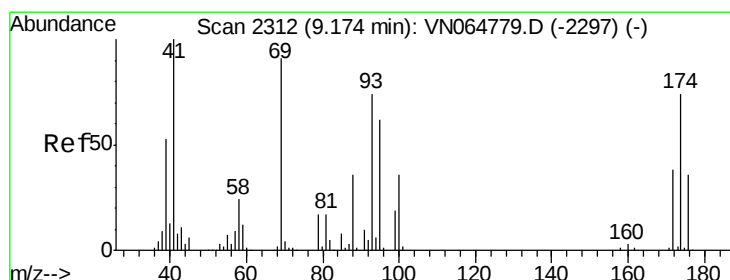
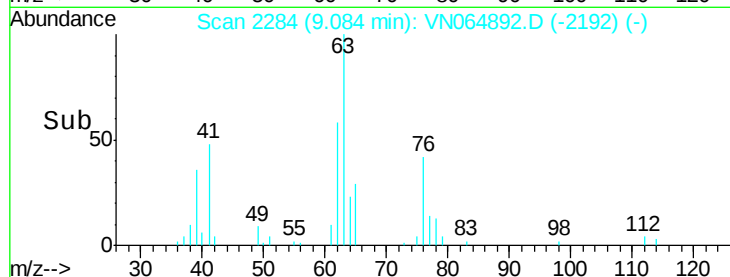
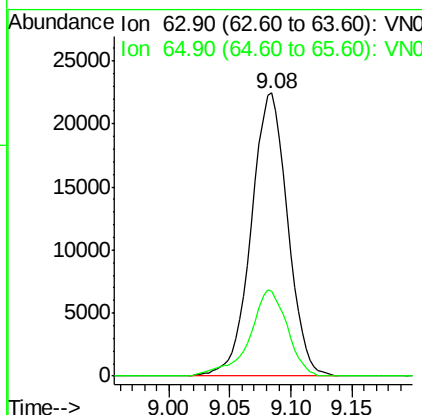
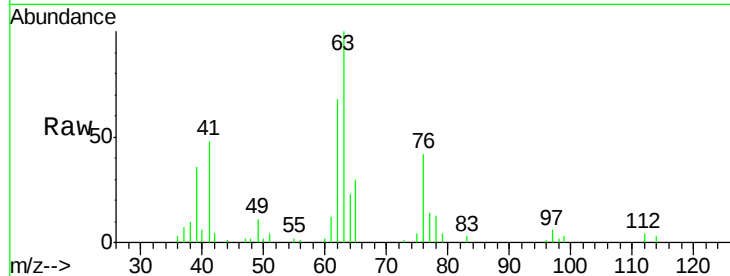
#45
 1,2-Dichloropropane
 Concen: 19.390 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion: 63 Resp: 46333
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4

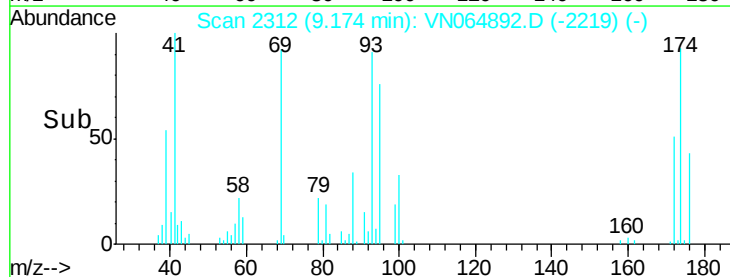
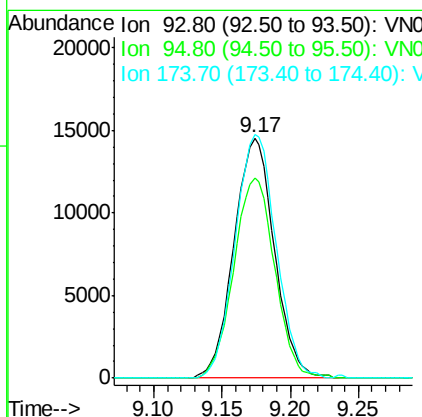
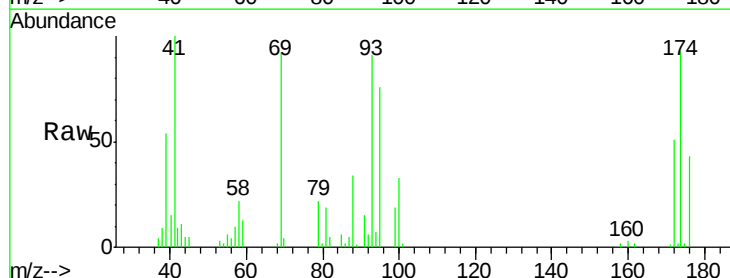
Manual Integrations
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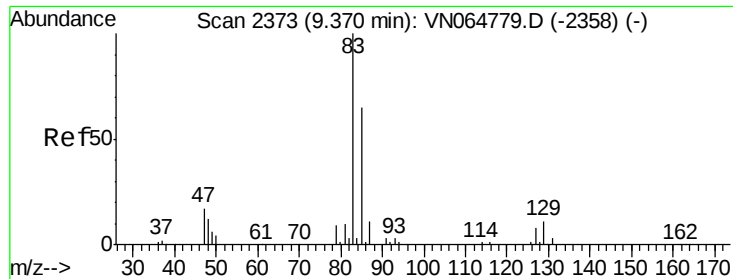
SAM
 12/4/2020 5:42:01 PM



#46
 Dibromomethane
 Concen: 18.783 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion: 93 Resp: 29984
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.8 103.2
 174 102.7 83.1 124.7





#47

Bromodichloromethane

Concen: 18.844 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

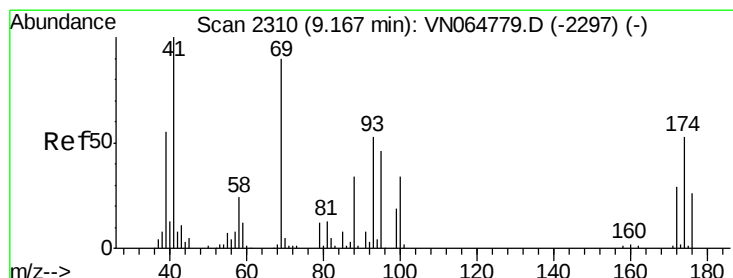
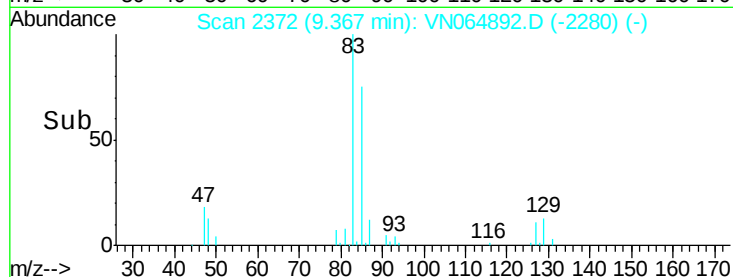
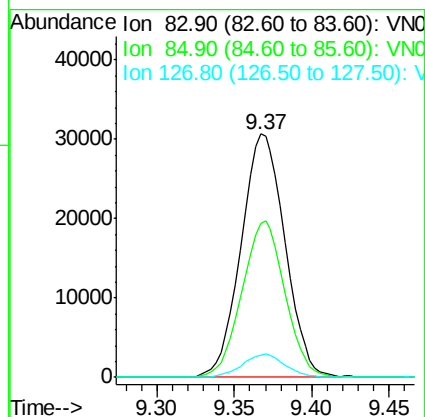
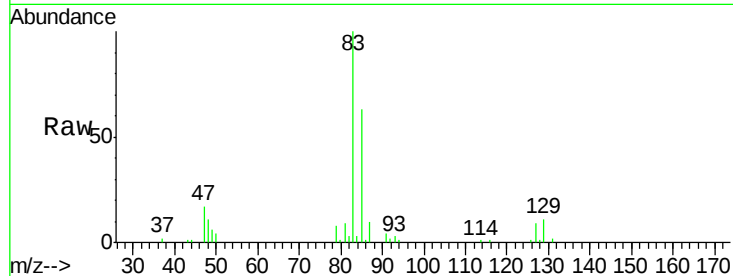
VN1203WBS01

Tot Ion:	83	Resp:	60527
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.8
127	9.3	6.8	10.2

Manual Integrations
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SAM

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#48

Methyl methacrylate

Concen: 16.491 ug/l

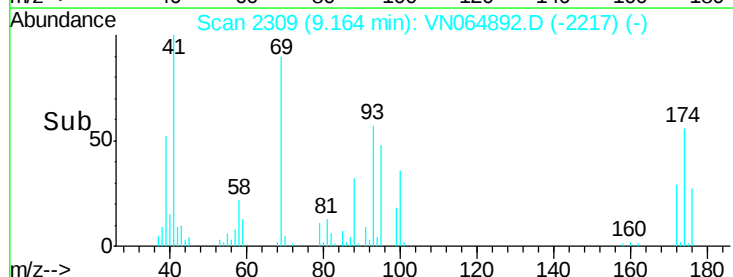
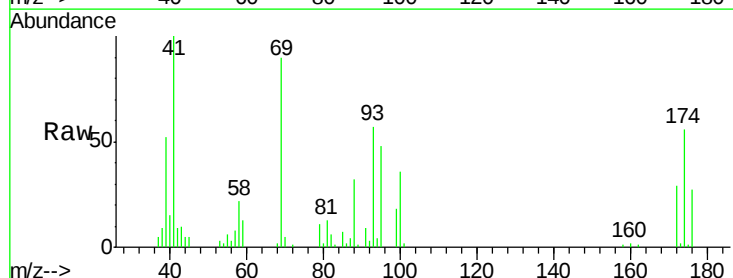
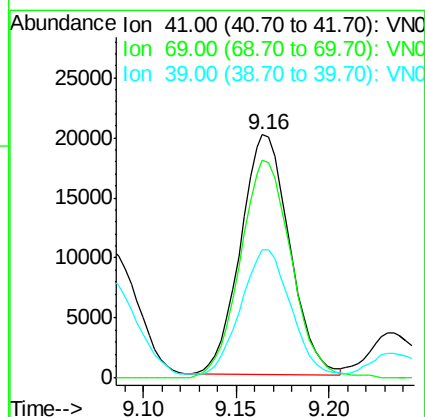
RT: 9.16 min Scan# 2309

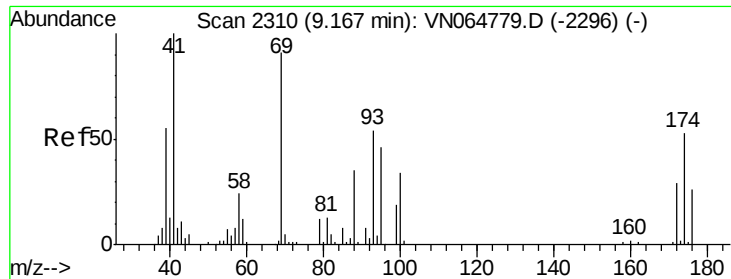
Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	41	Resp:	36779
Ion	Ratio	Lower	Upper
41	100		
69	94.4	71.8	107.8
39	56.0	44.1	66.1





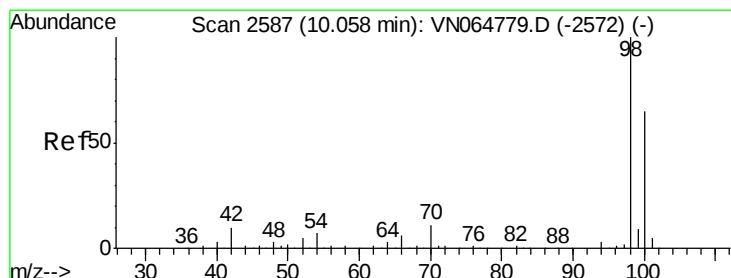
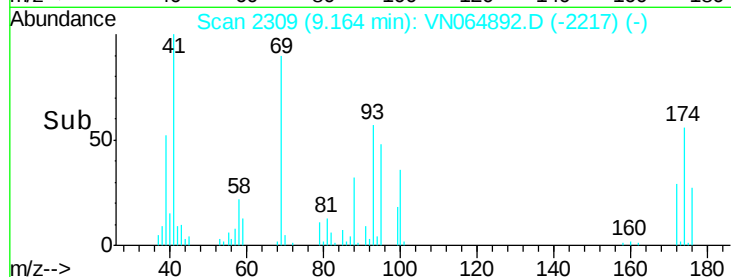
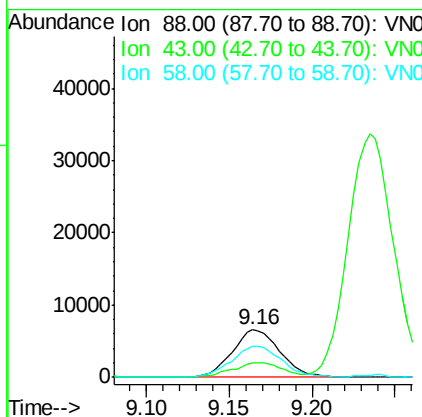
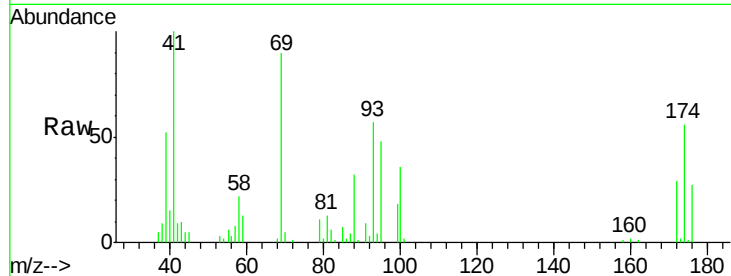
#49
1,4-Dioxane
Concen: 312.447 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	24.2	36.4
58	68.9	52.5	78.7

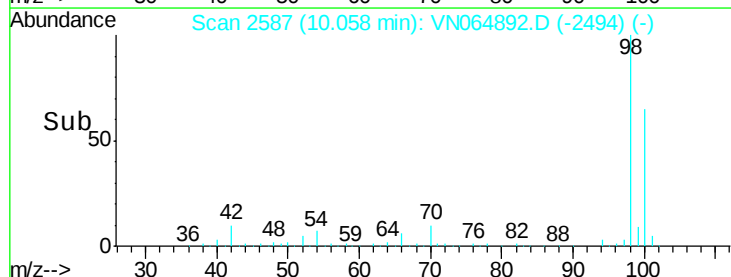
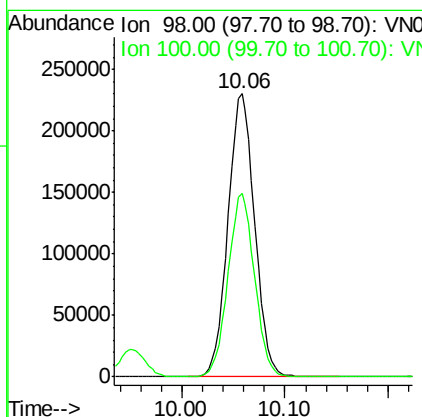
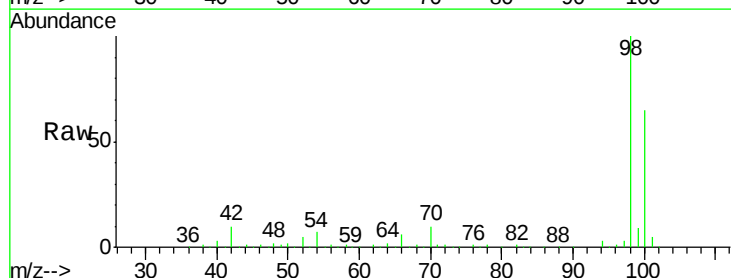
Manual Integrations
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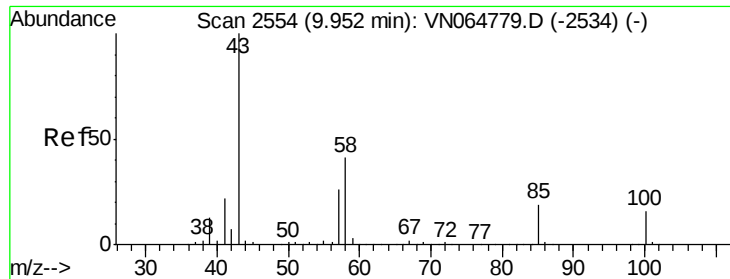
SAM
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#50
Toluene-d8
Concen: 52.316 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 87.391 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

Tot Ion: 43 Resp: 244870

Ion Ratio Lower Upper

43 100

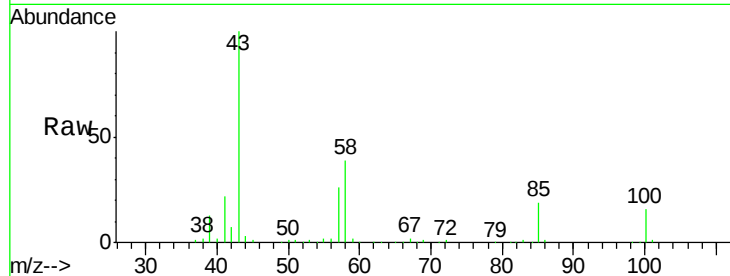
58 40.1 32.4 48.6

Manual Integrations

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SAM

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

150000

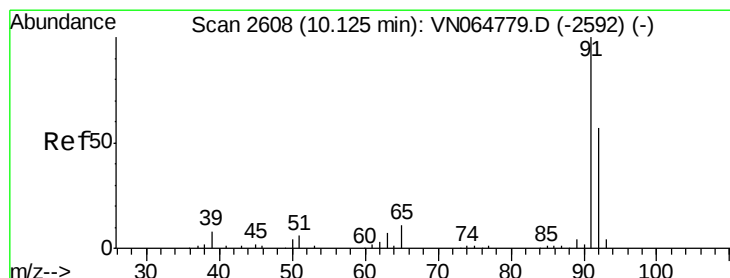
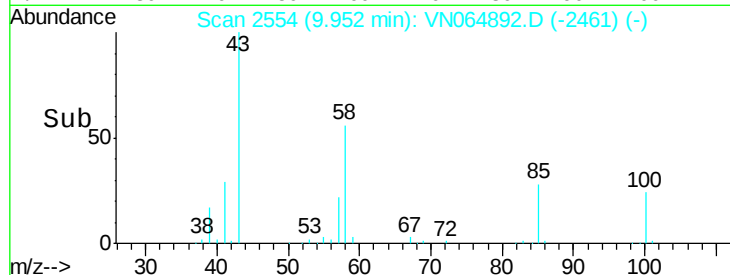
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.031 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064892.D

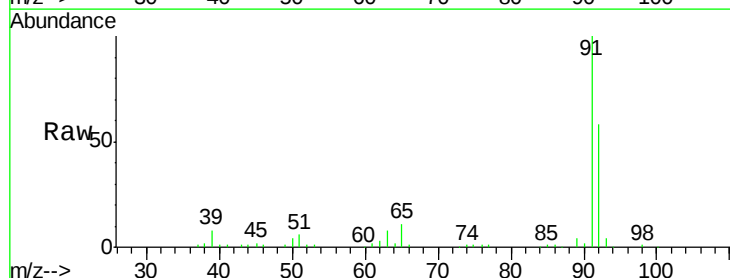
Acq: 3 Dec 2020 11:45

Tgt Ion: 92 Resp: 108143

Ion Ratio Lower Upper

92 100

91 170.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

120000

100000

80000

60000

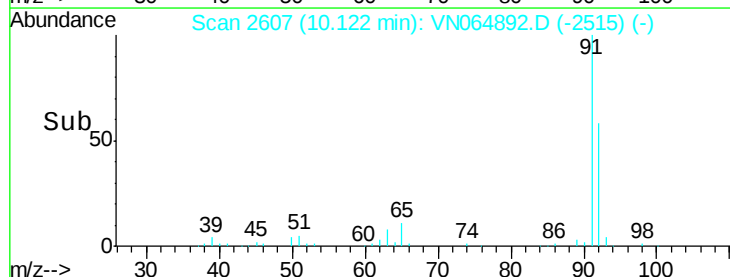
40000

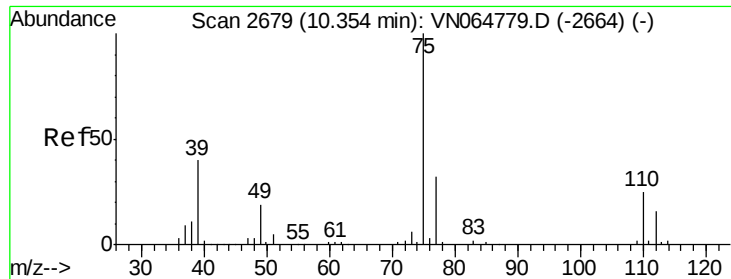
20000

0

10.10 10.12 10.20

Time-->





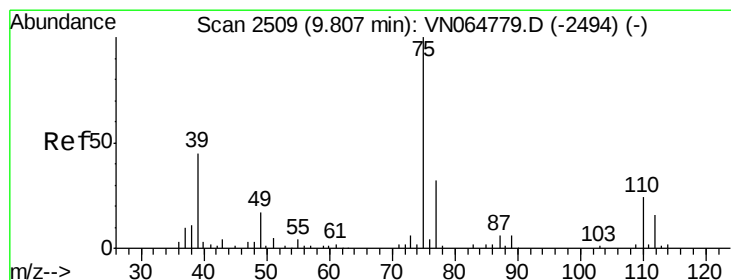
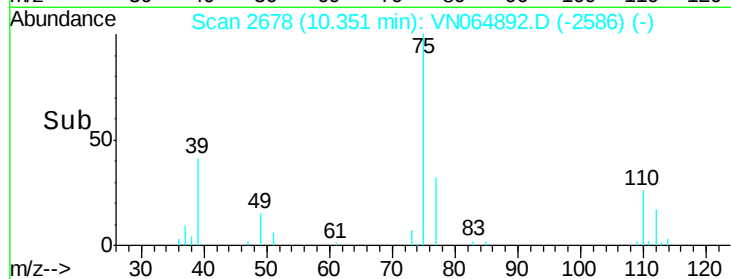
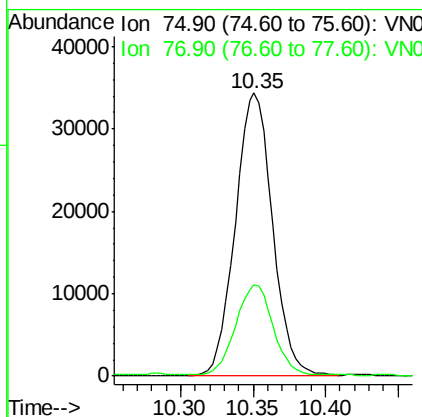
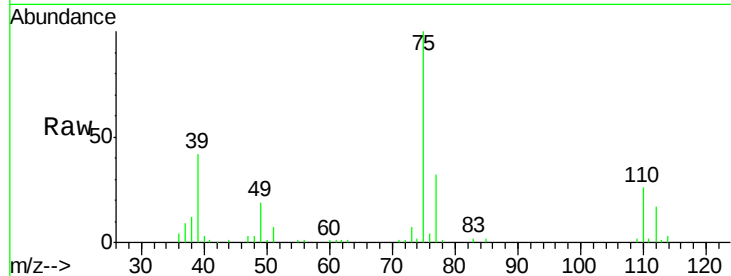
#53
t-1,3-Dichloropropene
Concen: 17.133 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 75 Resp: 61295
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6

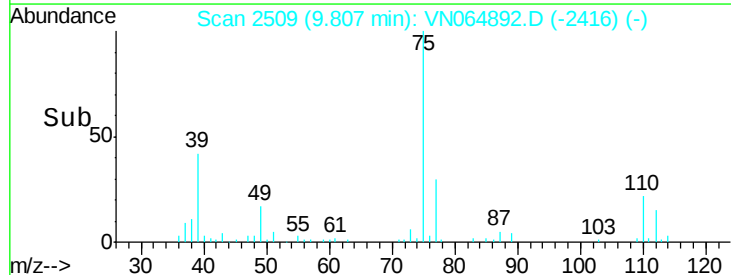
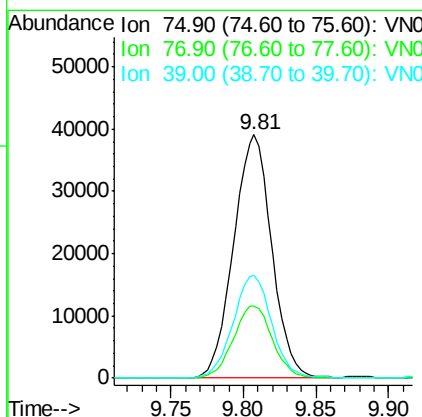
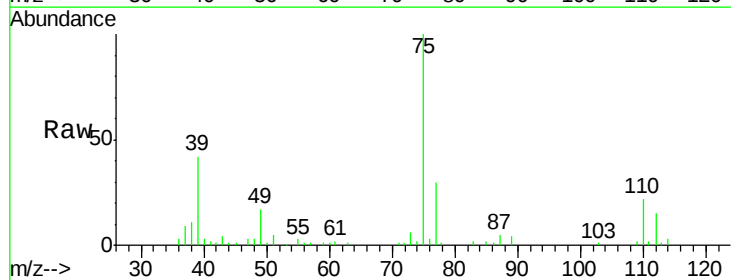
Manual Integrations
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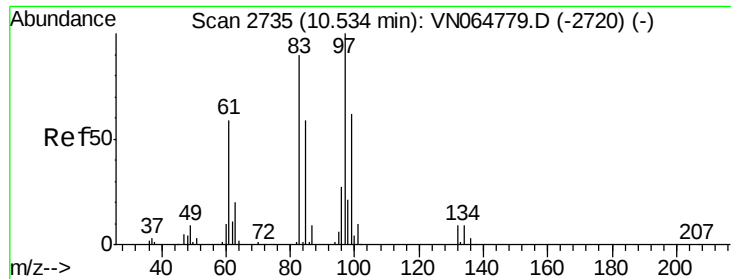
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#54
cis-1,3-Dichloropropene
Concen: 18.600 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 75 Resp: 71327
Ion Ratio Lower Upper
75 100
77 29.6 25.5 38.3
39 42.4 35.6 53.4





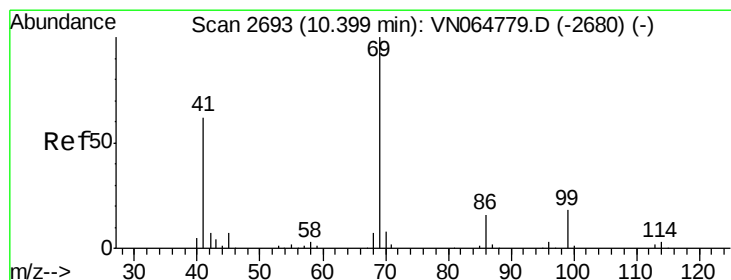
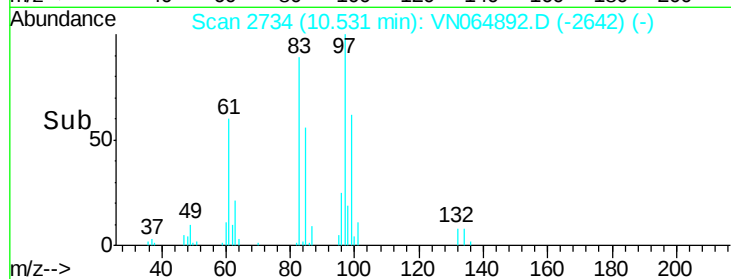
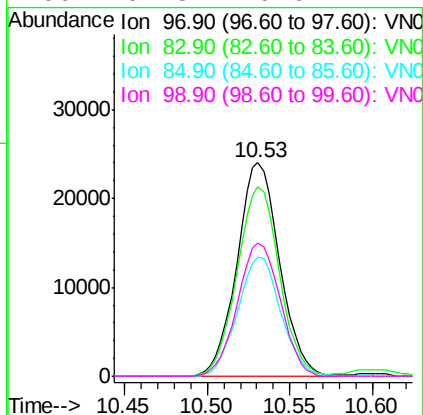
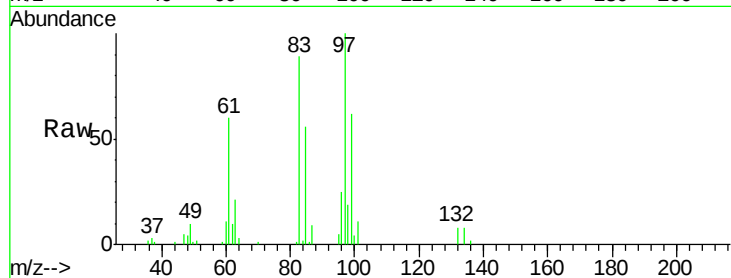
#55
 1,1,2-Trichloroethane
 Concen: 18.363 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion:	97	Resp:	42908
Ion	Ratio	Lower	Upper
97	100		
83	88.8	72.1	108.1
85	55.8	46.8	70.2
99	62.3	49.6	74.4

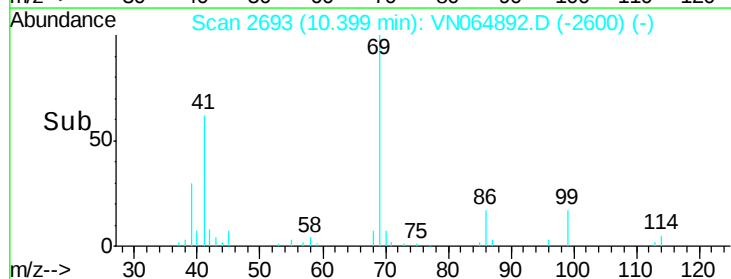
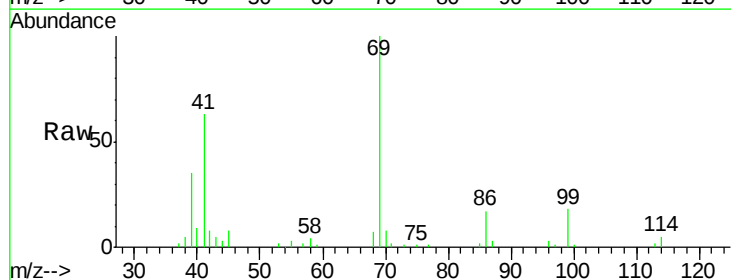
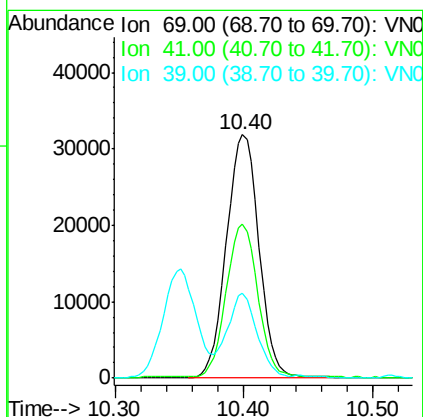
Manual Integrations
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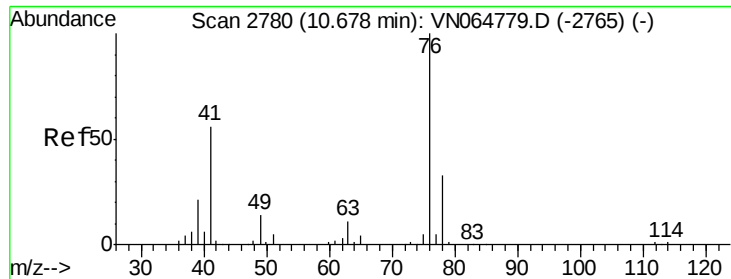
SAM
 12/4/2020 5:42:01 PM



#56
 Ethyl methacrylate
 Concen: 17.342 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion:	69	Resp:	55919
Ion	Ratio	Lower	Upper
69	100		
41	60.4	49.4	74.0
39	30.9	25.9	38.9





#57

1,3-Dichloropropane

Concen: 18.427 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion: 76 Resp: 71028

Ion Ratio Lower Upper

76 100

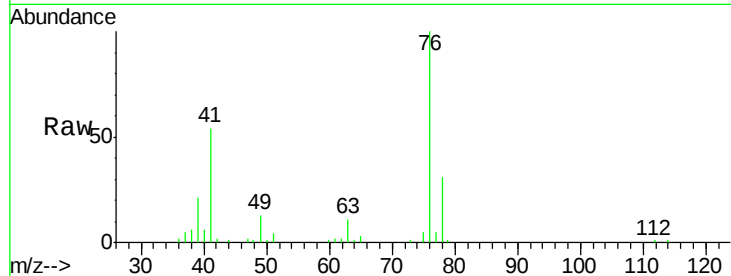
78 31.4 26.1 39.1

Manual Integrations

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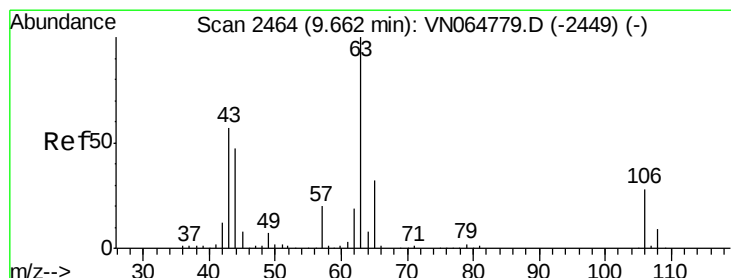
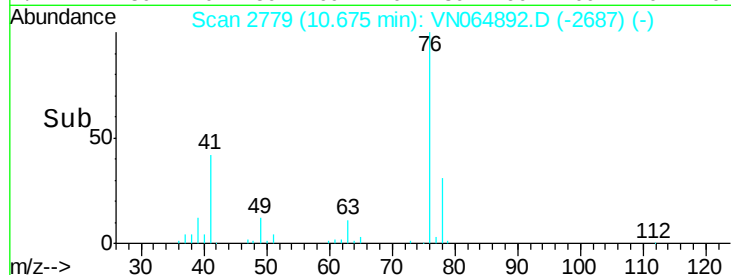
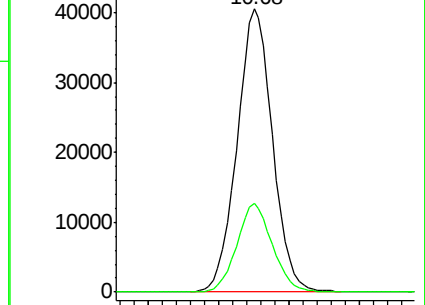
SAM

12/4/2020 5:42:01 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.725 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064892.D

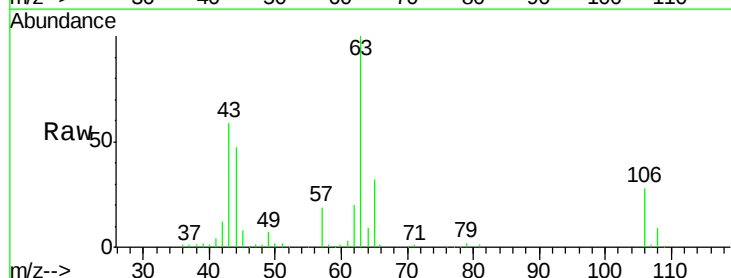
Acq: 3 Dec 2020 11:45

Tgt Ion: 63 Resp: 164467

Ion Ratio Lower Upper

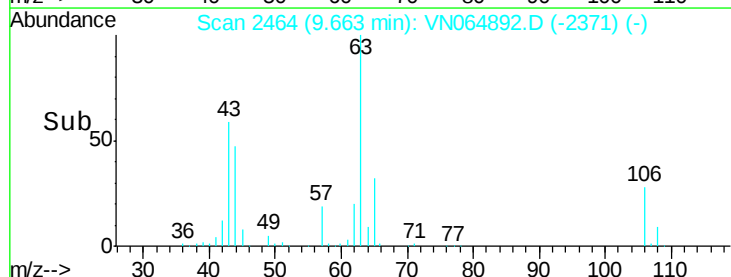
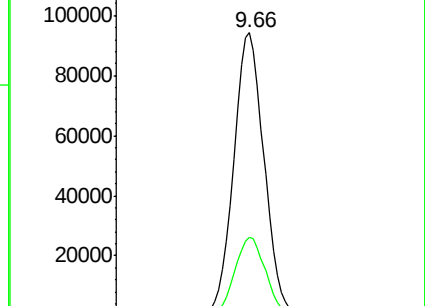
63 100

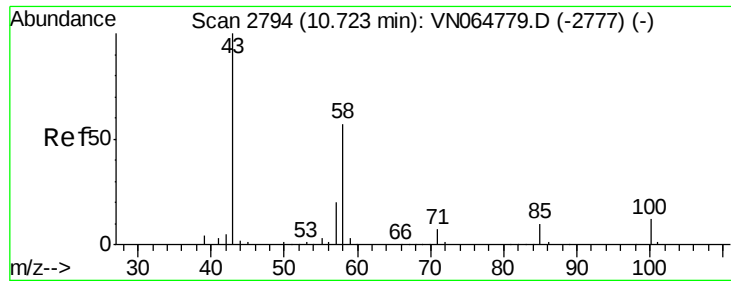
106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





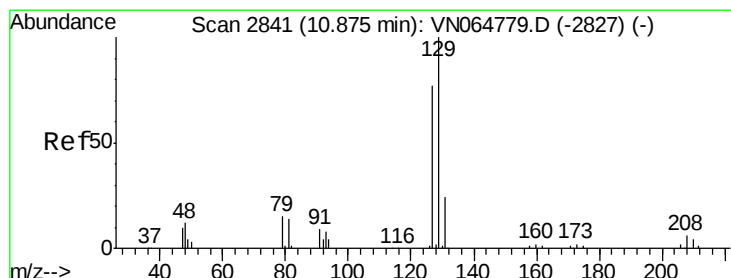
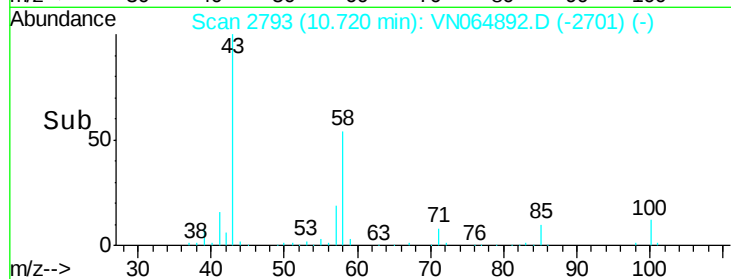
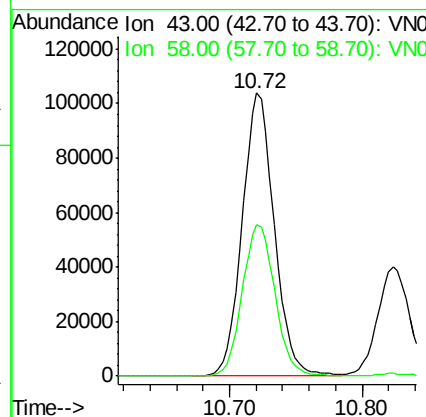
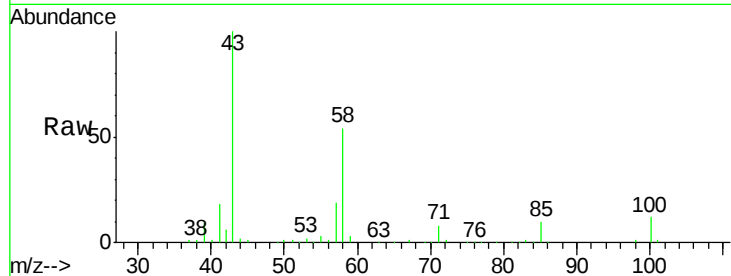
#59
2-Hexanone
Concen: 86.406 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 43 Resp: 174242
Ion Ratio Lower Upper
43 100
58 54.5 28.3 84.9

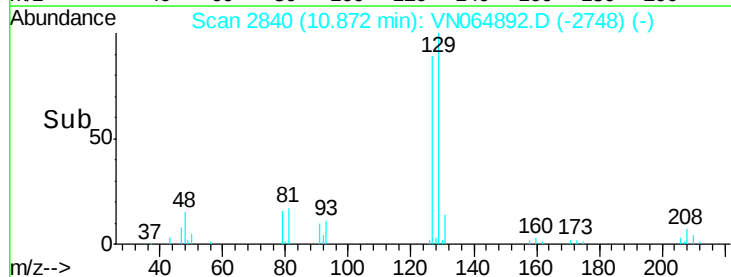
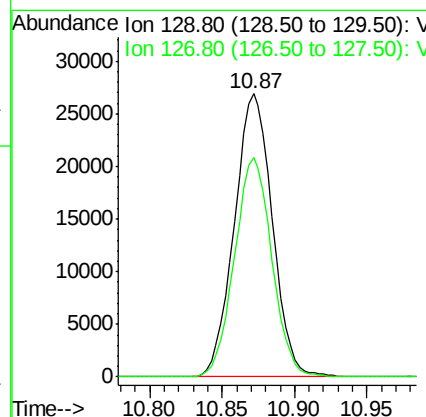
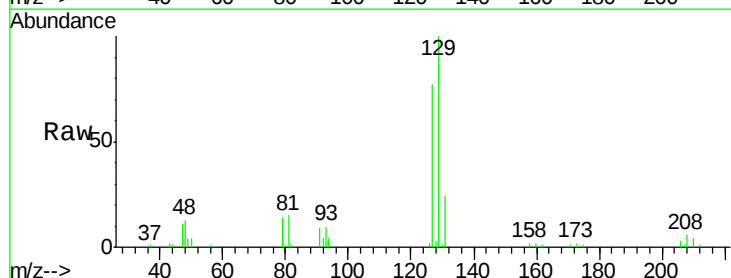
Manual Integrations
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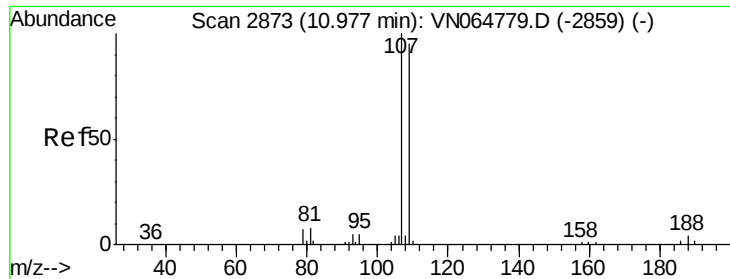
SAM
12/4/2020 5:42:01 PM



#60
Dibromochloromethane
Concen: 18.820 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 129 Resp: 48883
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





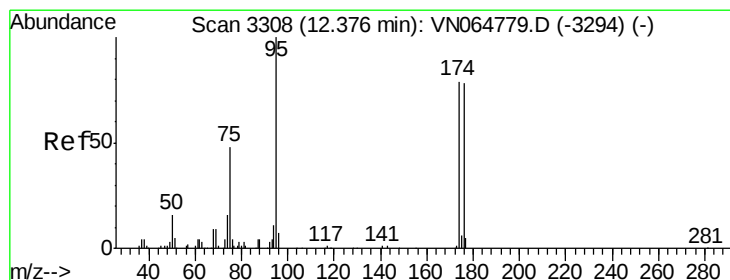
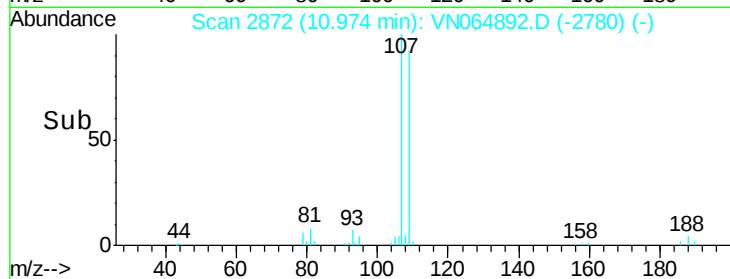
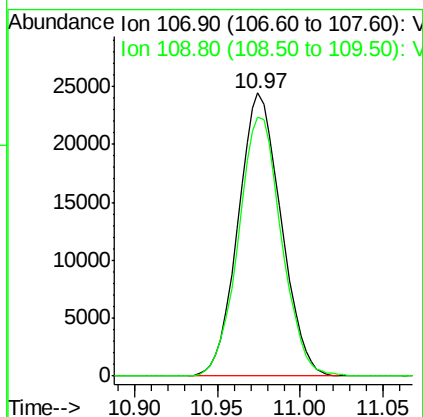
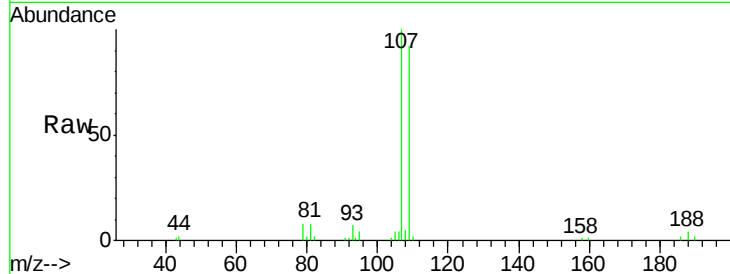
#61
 1,2-Dibromoethane
 Concen: 18.513 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	76.0	114.0

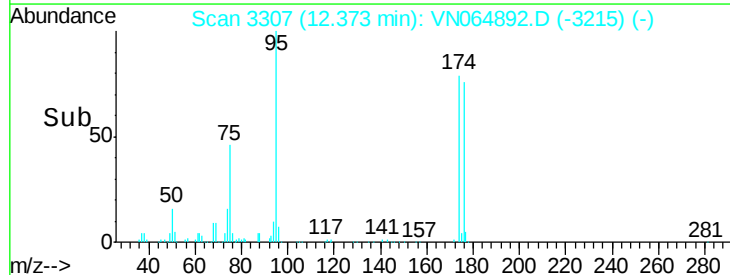
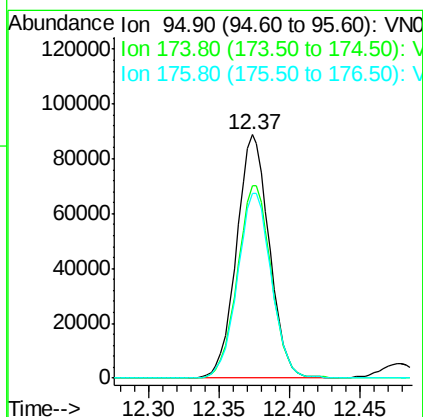
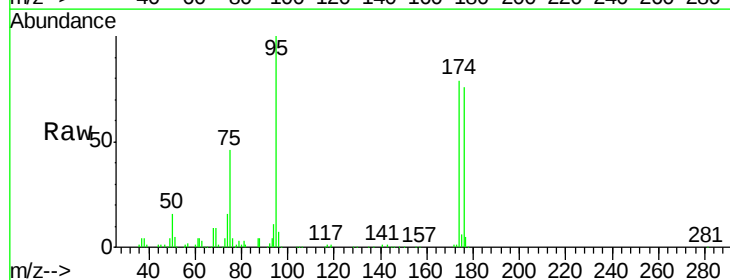
Manual Integrations
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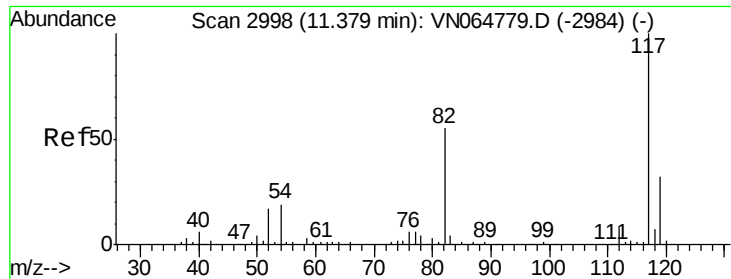
SAM
 12/4/2020 5:42:01 PM



#62
 4-Bromofluorobenzene
 Concen: 50.868 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	160.4
176	78.2	0.0	158.4





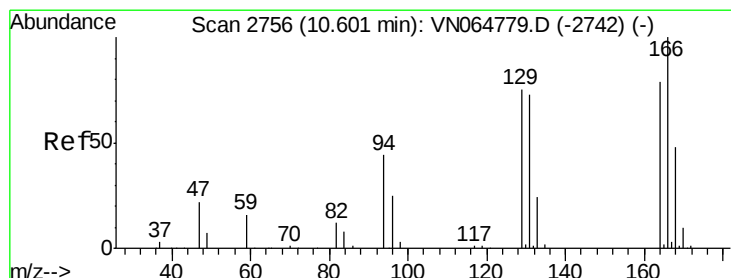
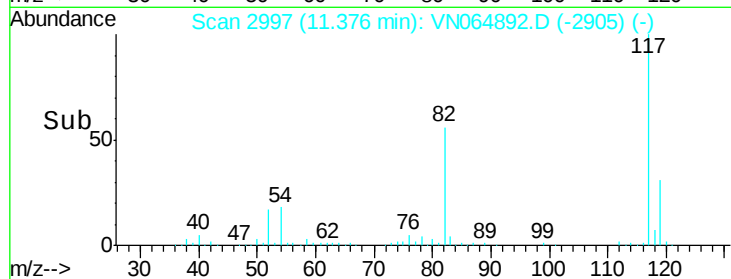
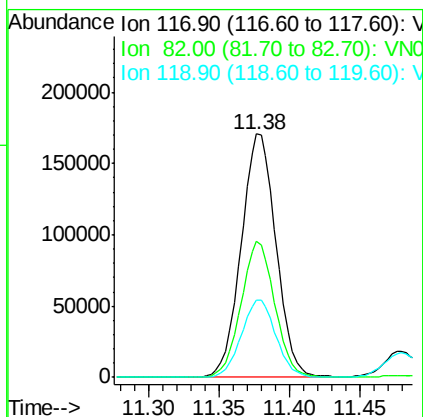
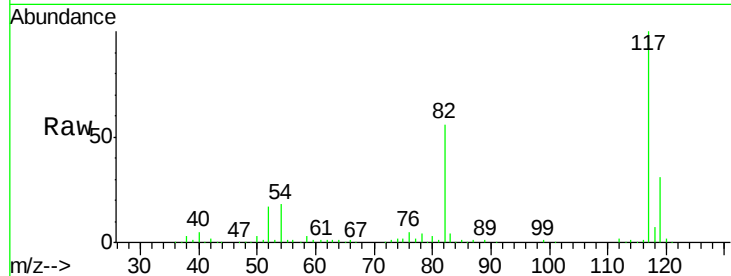
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	31.5	25.8	38.6

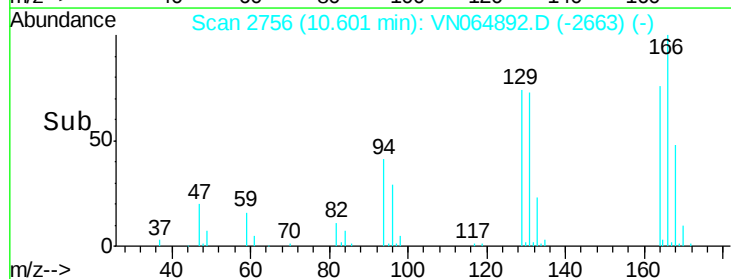
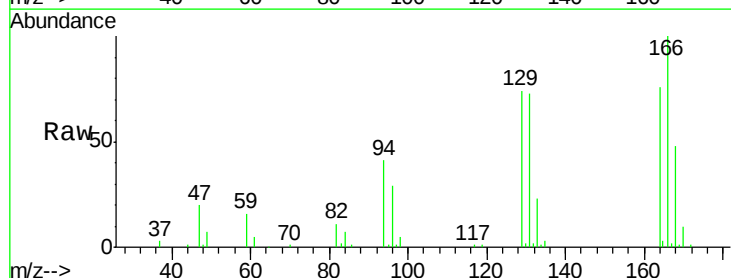
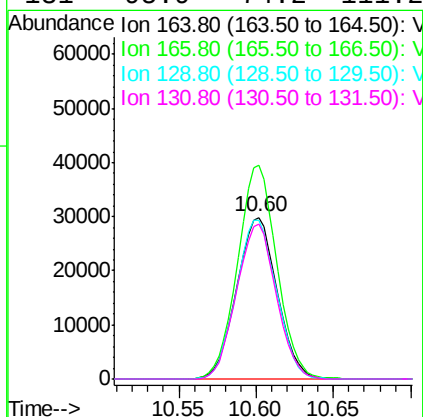
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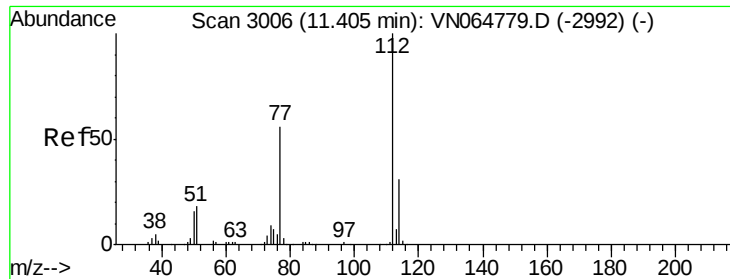
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#64
Tetrachloroethene
Concen: 18.823 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	101.4	152.0
129	98.0	76.1	114.1
131	95.9	74.2	111.2





#65

Chlorobenzene

Concen: 18.413 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion:112 Resp: 117102

Ion Ratio Lower Upper

112 100

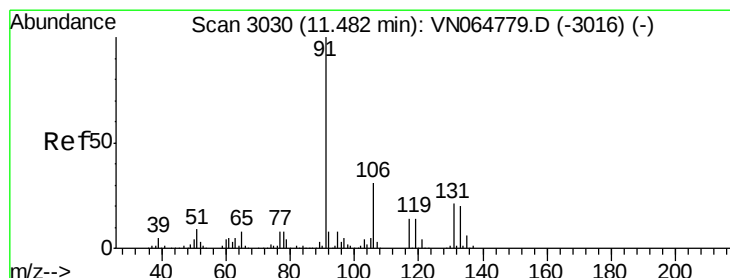
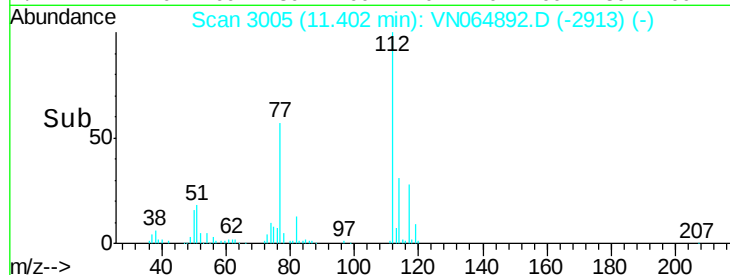
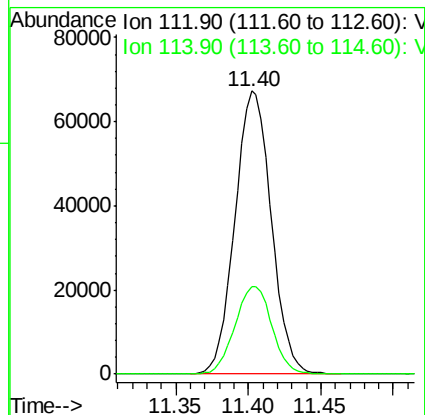
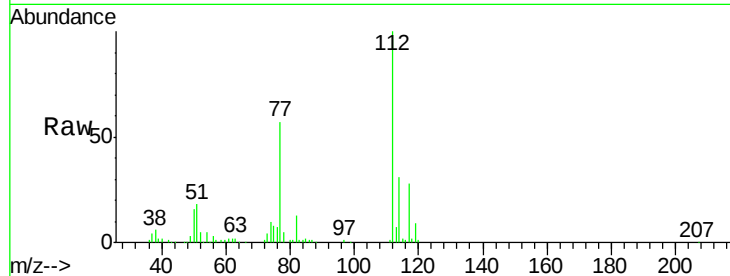
114 30.8 25.1 37.7

Manual Integrations

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SAM

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.944 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

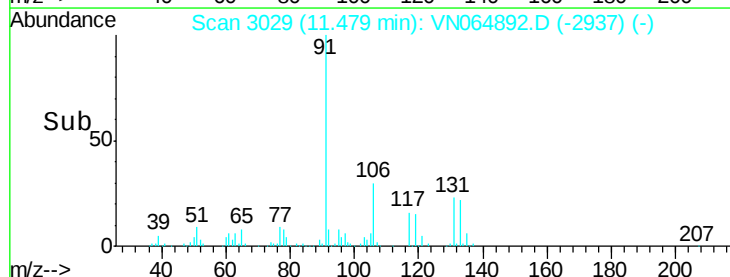
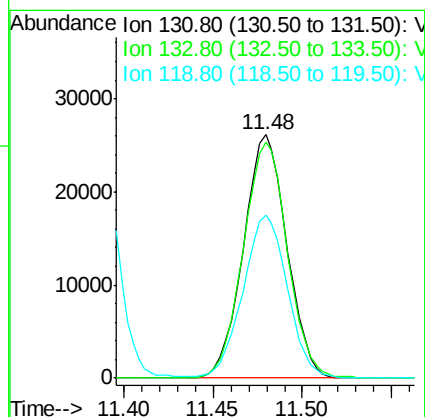
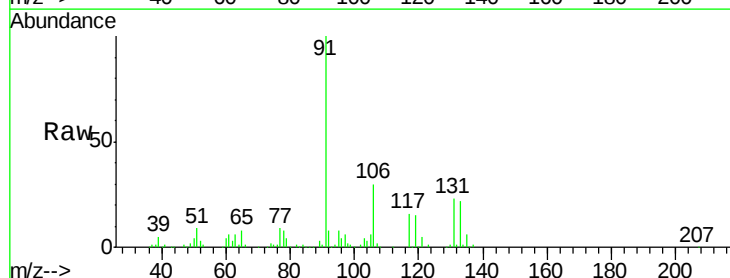
Tgt Ion:131 Resp: 44276

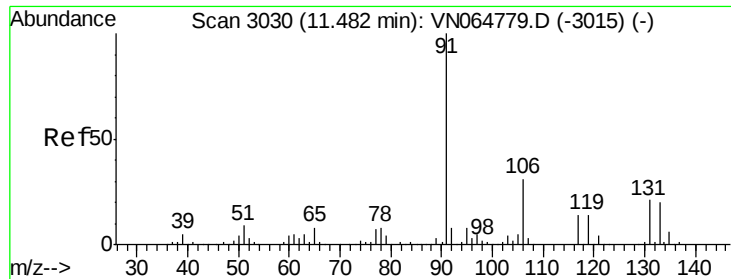
Ion Ratio Lower Upper

131 100

133 98.7 47.5 142.5

119 68.8 33.3 99.8





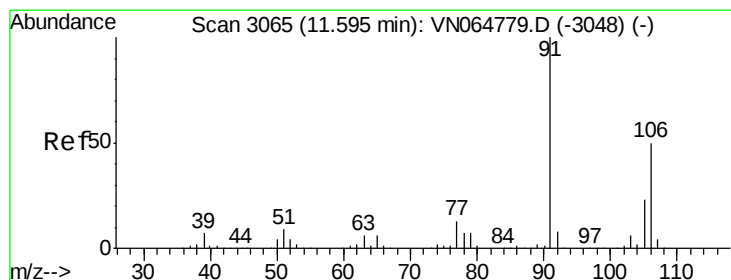
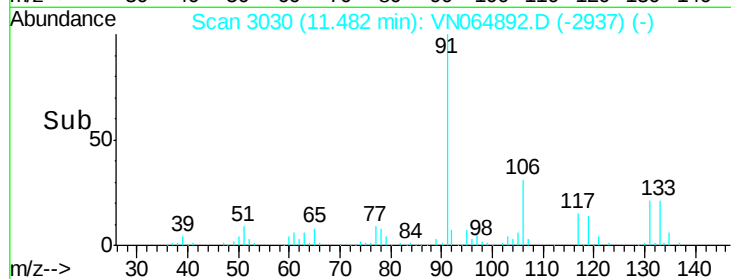
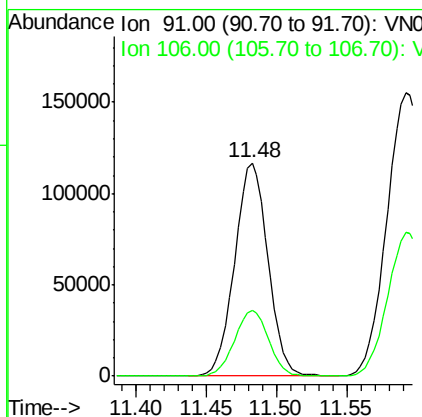
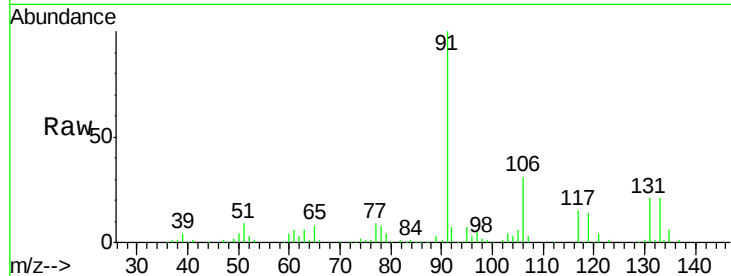
#67
Ethyl Benzene
Concen: 18.217 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion: 91 Resp: 193543
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8

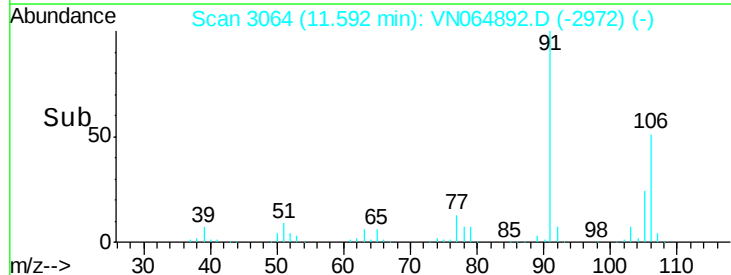
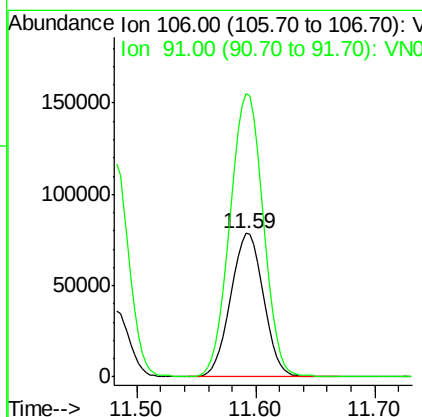
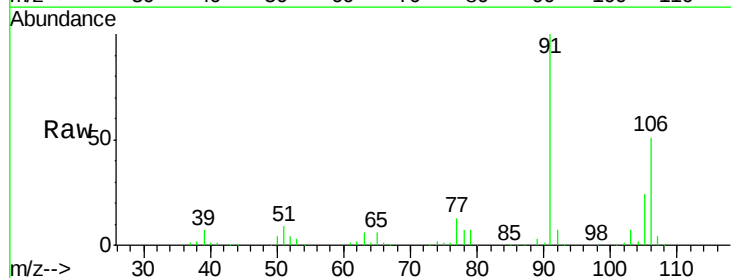
Manual Integrations
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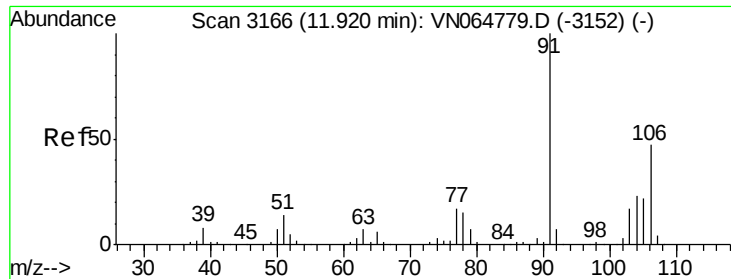
SAM
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#68
m/p-Xylenes
Concen: 37.454 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion: 106 Resp: 150657
Ion Ratio Lower Upper
106 100
91 200.8 161.0 241.4





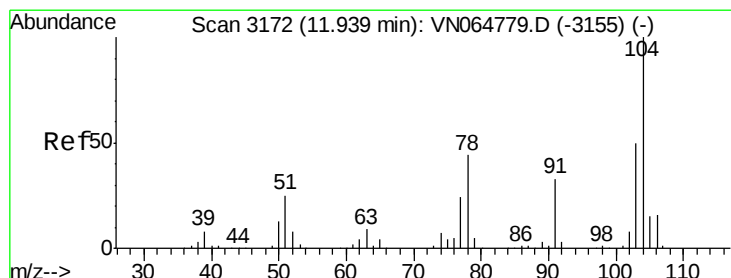
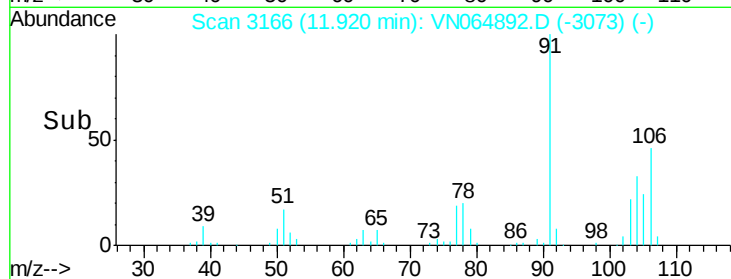
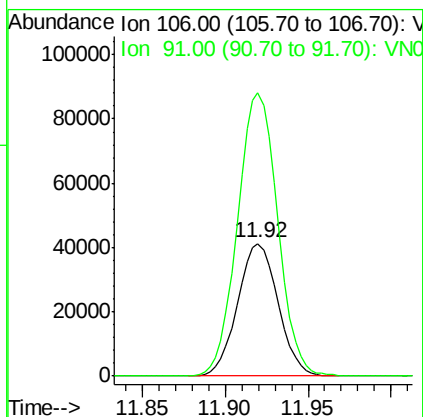
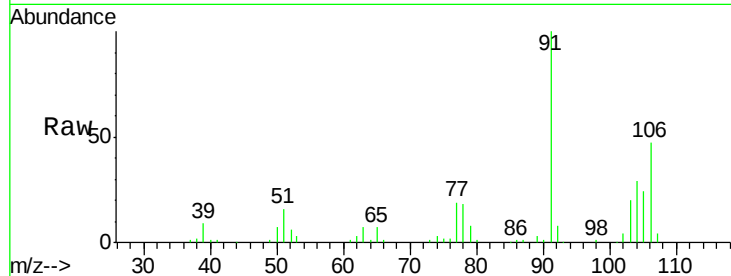
#69
o-Xylene
Concen: 18.301 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion:106 Resp: 69855
Ion Ratio Lower Upper
106 100
91 213.1 105.5 316.5

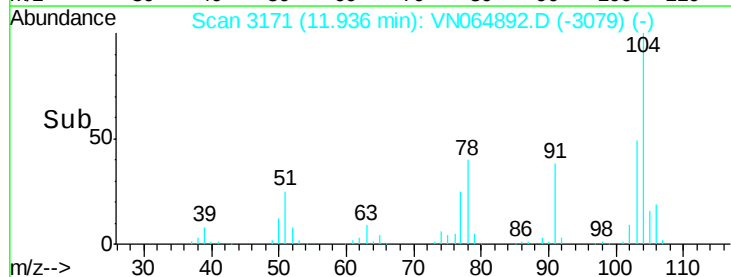
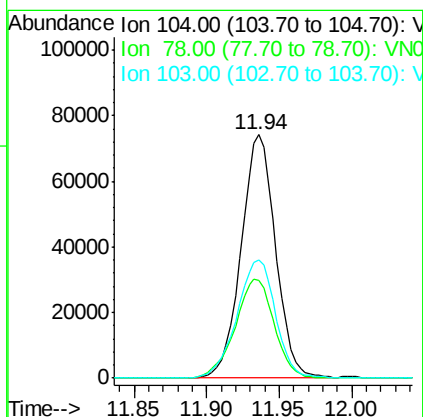
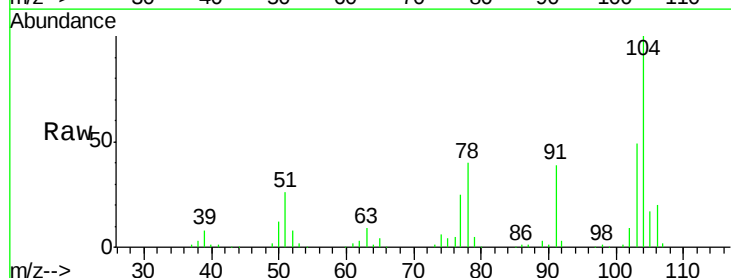
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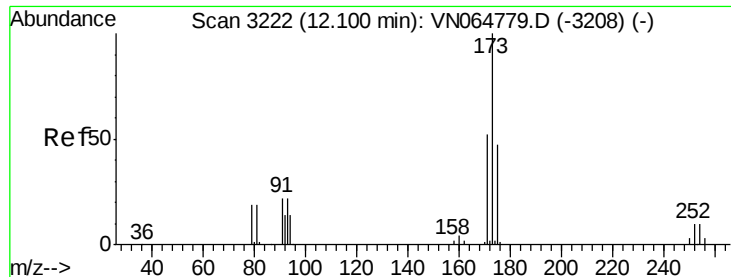
SAM
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#70
Styrene
Concen: 19.021 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion:104 Resp: 122571
Ion Ratio Lower Upper
104 100
78 45.9 39.0 58.6
103 54.4 44.3 66.5





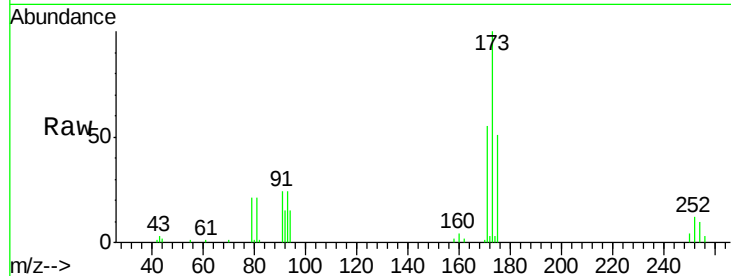
#71
Bromoform
Concen: 17.098 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

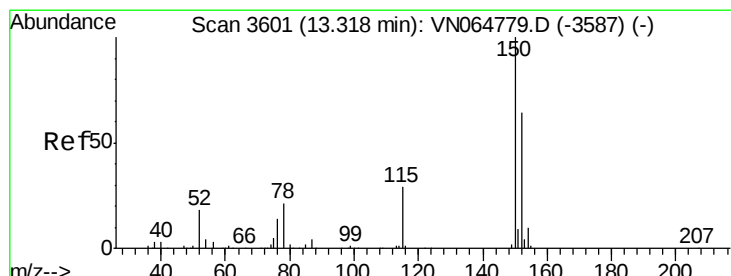
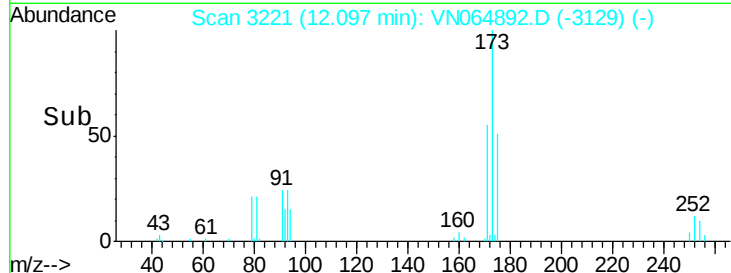
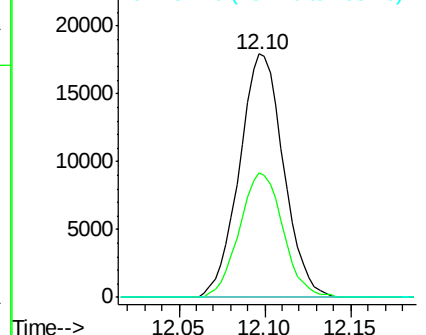
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.3	72.8
254	0.0	0.0	0.0

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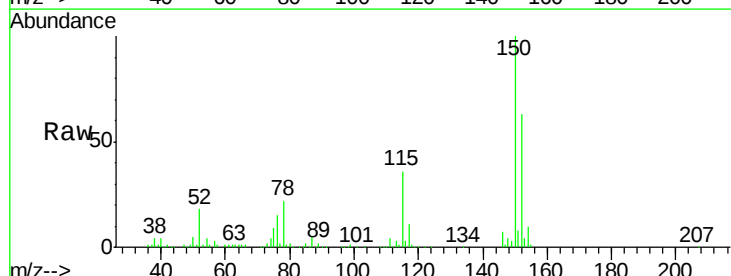


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

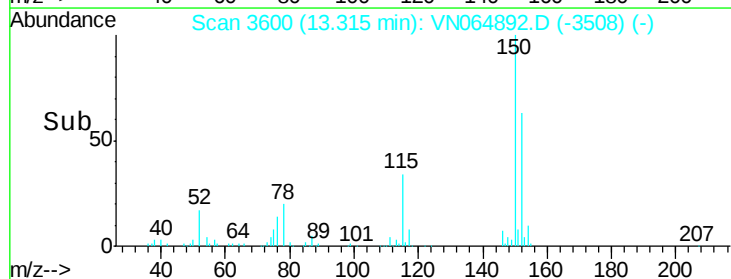
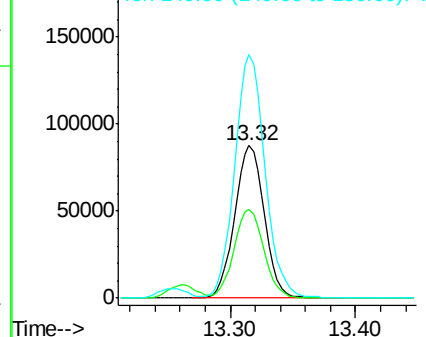


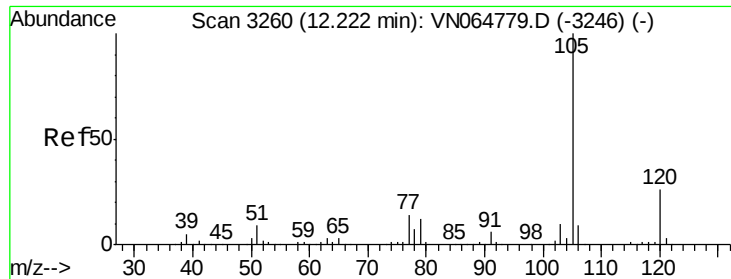
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.7	89.1
150	164.4	0.0	350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.086 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tot Ion: 105 Resp: 189570

Ion Ratio Lower Upper

105 100

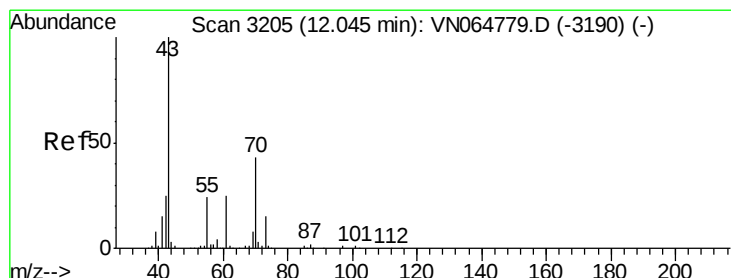
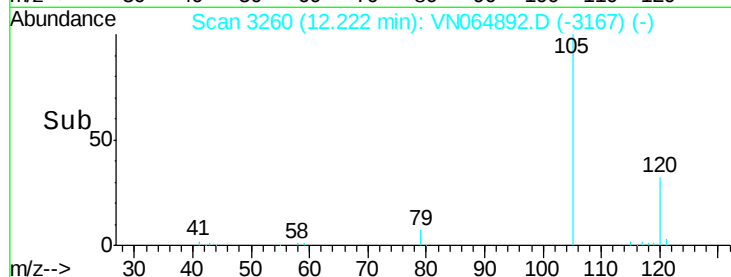
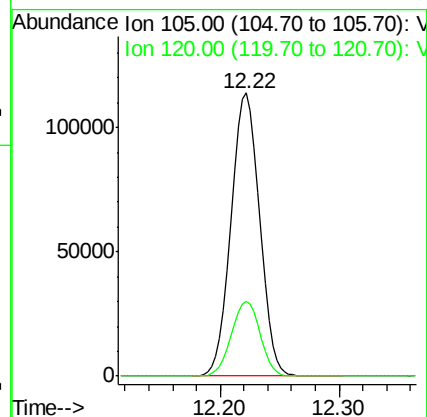
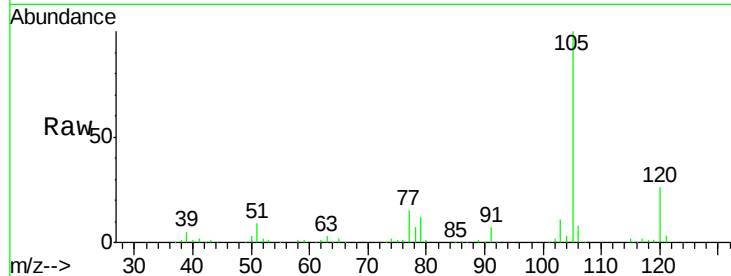
120 26.5 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.371 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion: 43 Resp: 63992

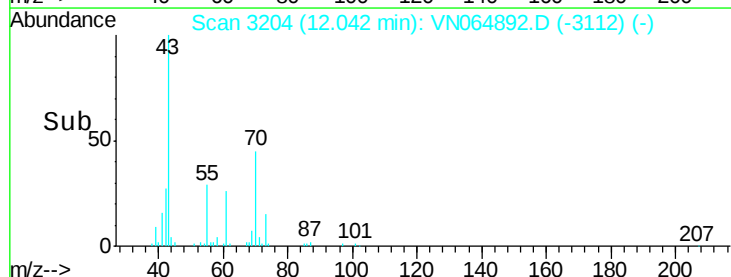
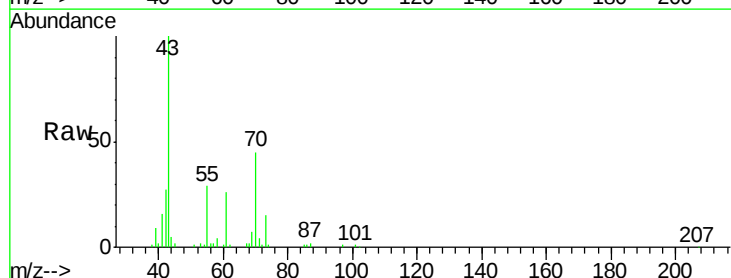
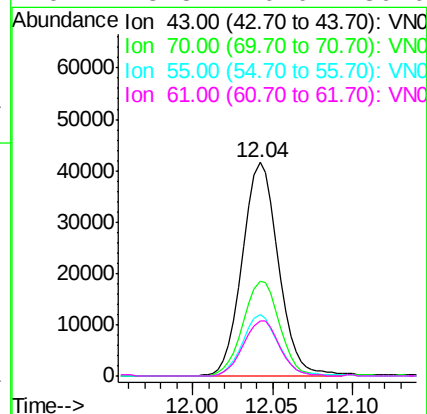
Ion Ratio Lower Upper

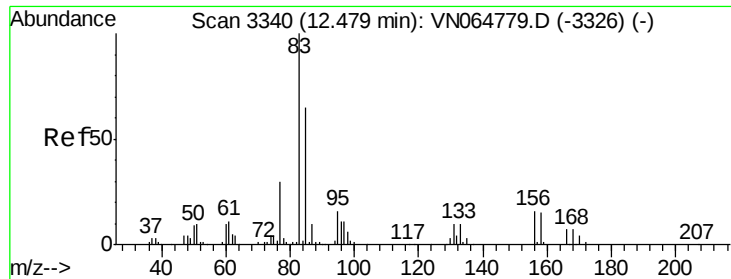
43 100

70 45.1 34.5 51.7

55 28.4 20.4 30.6

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.328 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

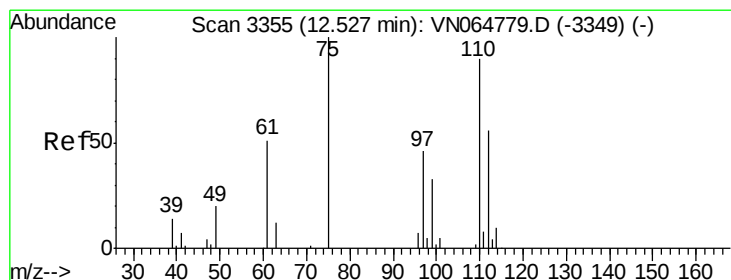
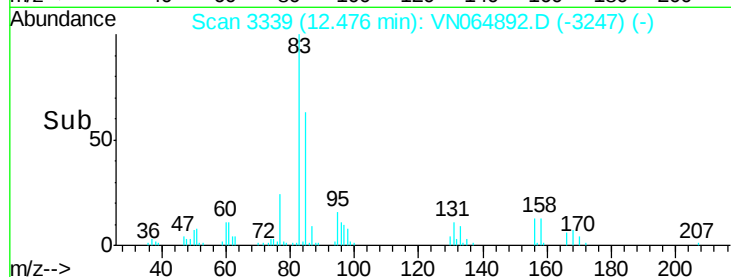
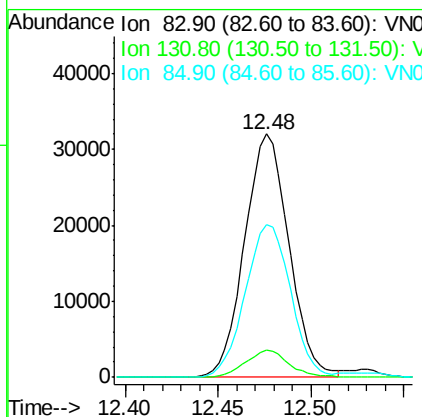
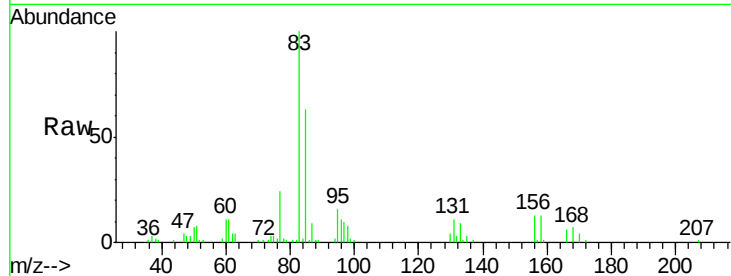
VN1203WBS01

Tot Ion:	83	Resp:	53358
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	64.1	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 17.563 ug/l m

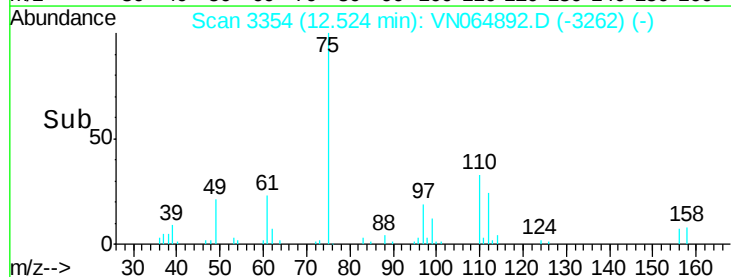
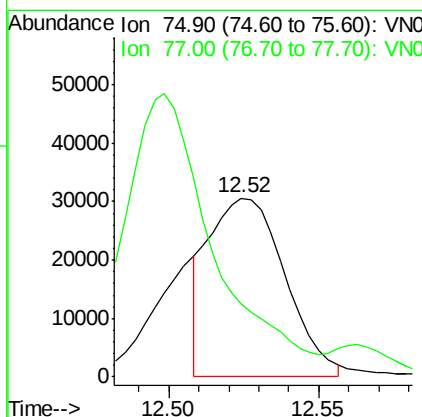
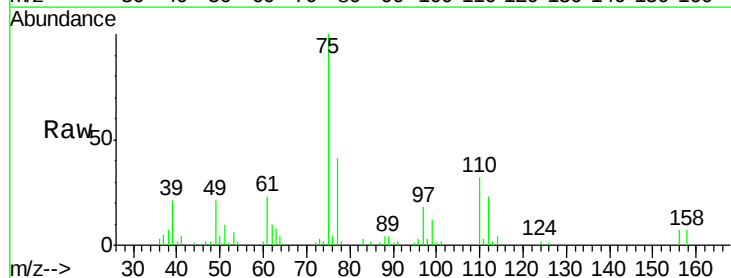
RT: 12.52 min Scan# 3354

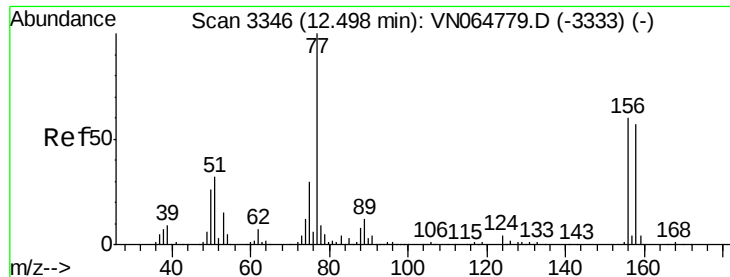
Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	75	Resp:	54010
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





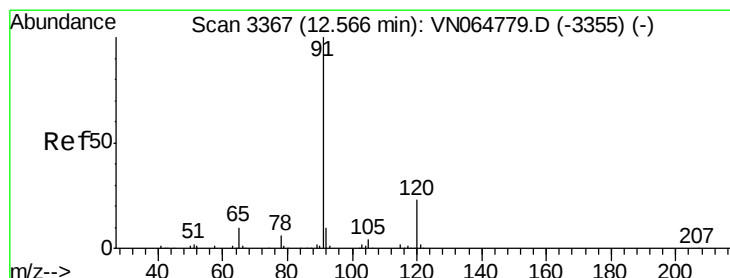
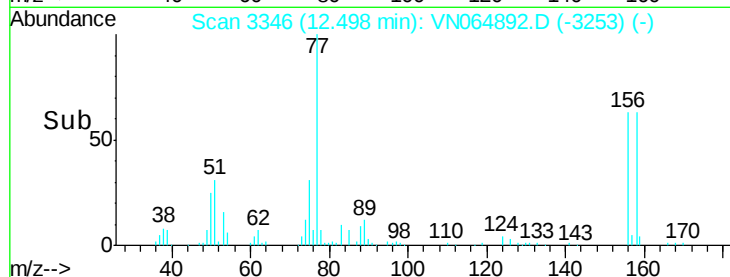
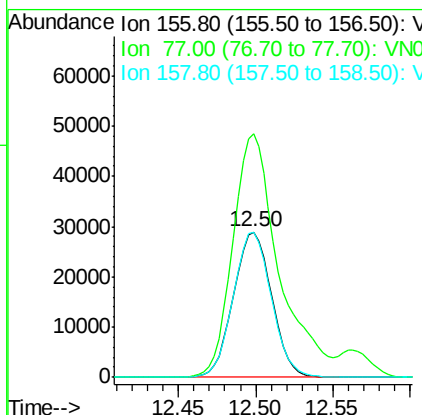
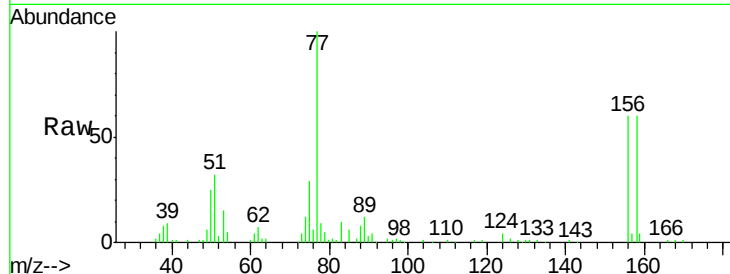
#77
Bromobenzene
Concen: 18.531 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	202.4	101.3	303.7
158	99.7	48.2	144.6

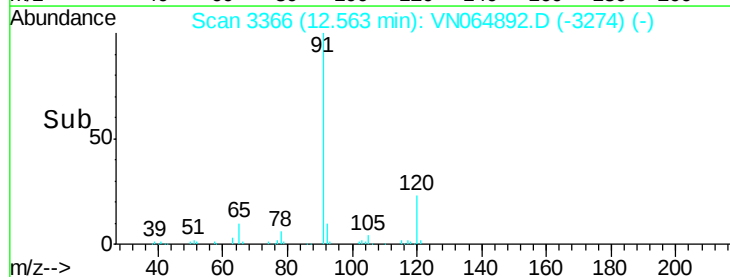
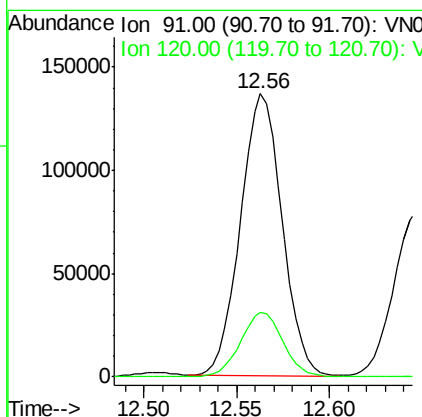
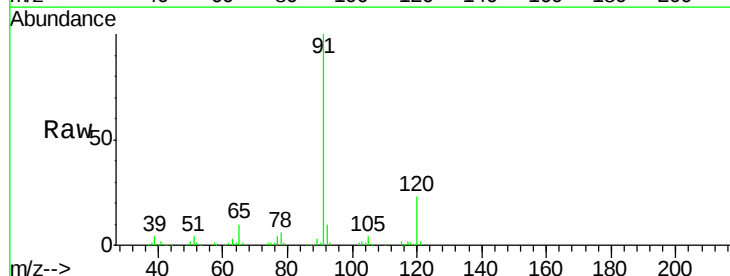
Manual Integrations
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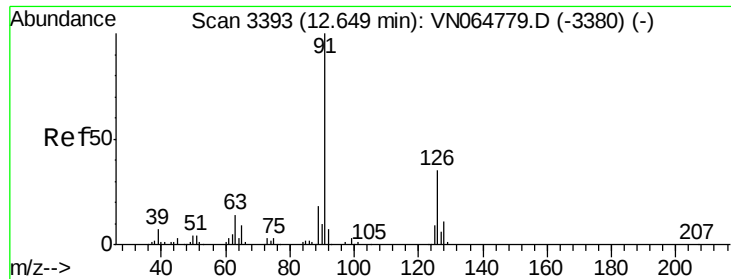
SAM
12/4/2020 5:42:01 PM



#78
n-propylbenzene
Concen: 18.853 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.7





#79

2-Chlorotoluene

Concen: 18.807 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

Tot Ion: 91 Resp: 131539

Ion Ratio Lower Upper

91 100

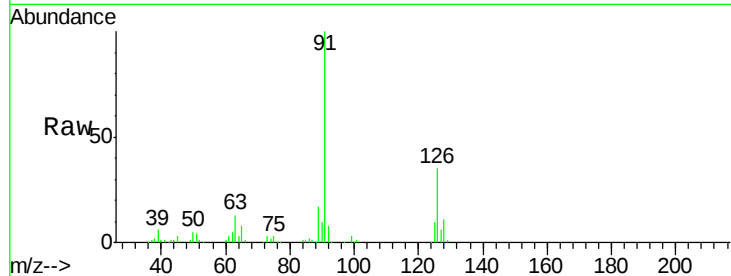
126 35.1 17.2 51.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)

150000

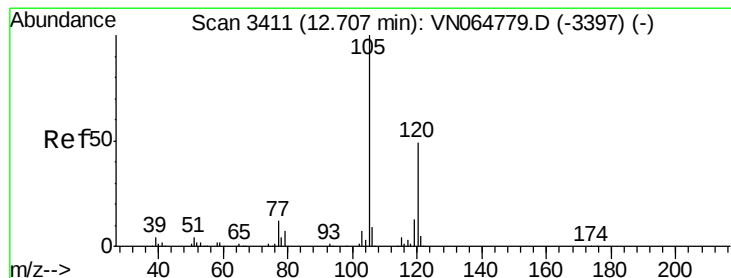
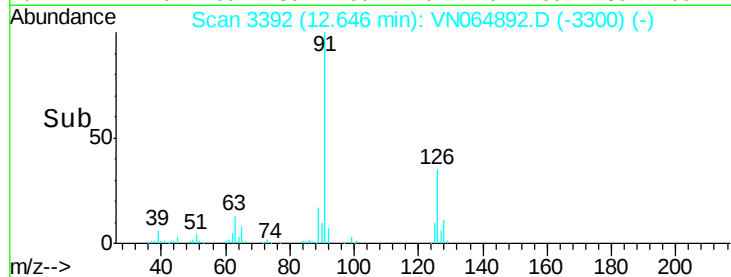
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.838 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064892.D

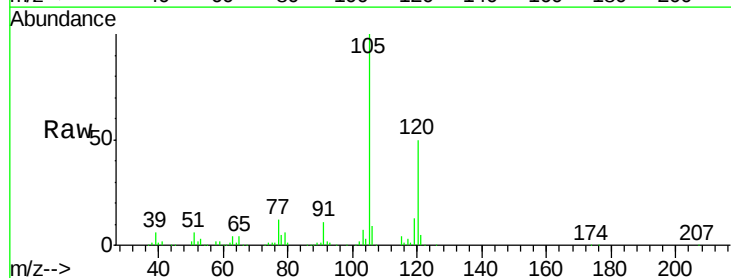
Acq: 3 Dec 2020 11:45

Tgt Ion:105 Resp: 163774

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

120000

100000

80000

60000

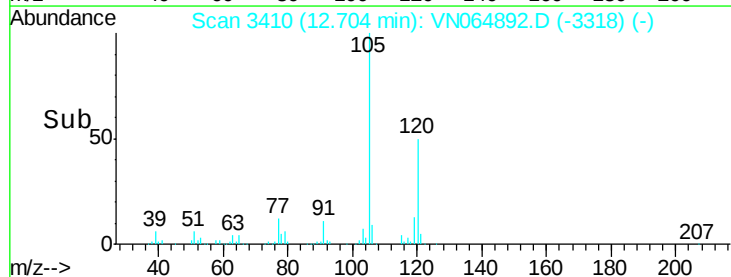
40000

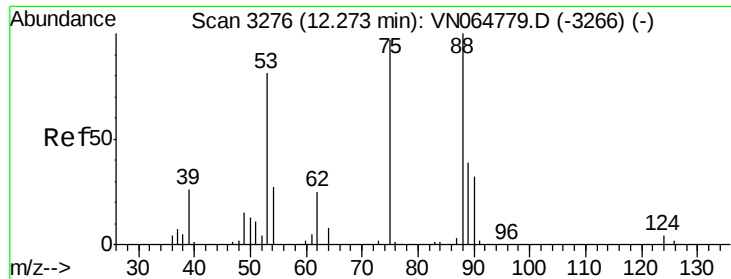
20000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.469 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Instrument :

MSVOA_N

ClientSampleId :

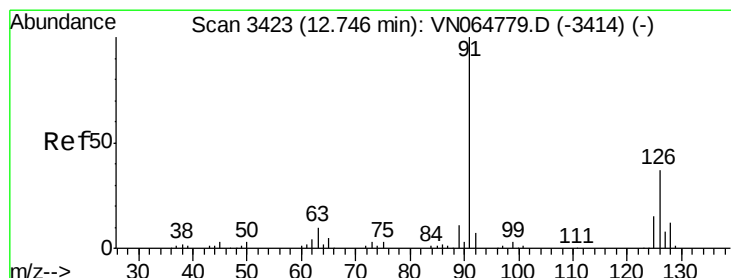
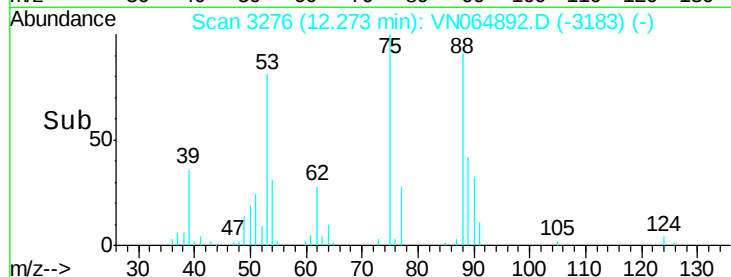
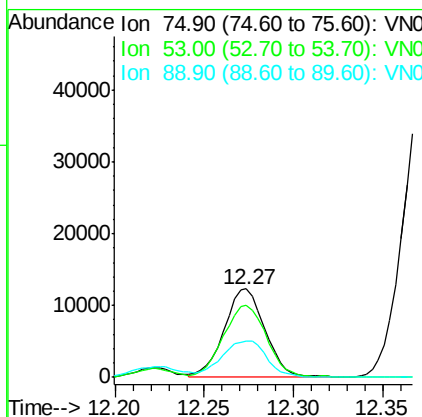
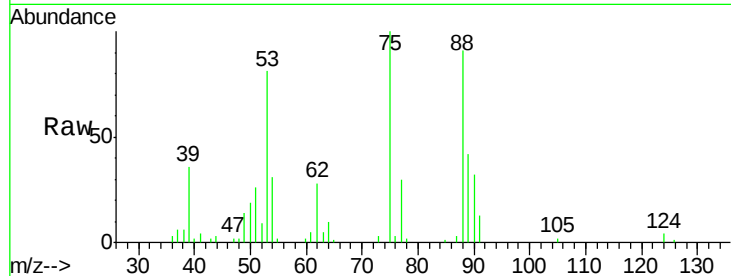
VN1203WBS01

Tot Ion:	75	Resp:	19601
Ion Ratio	Lower	Upper	
75	100		
53	86.1	67.0	100.4
89	45.6	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.703 ug/l

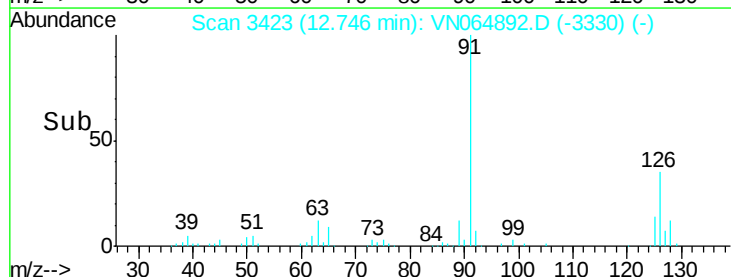
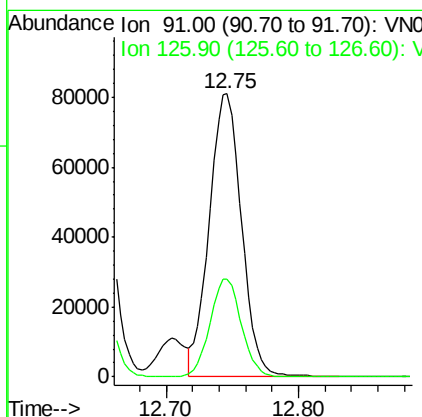
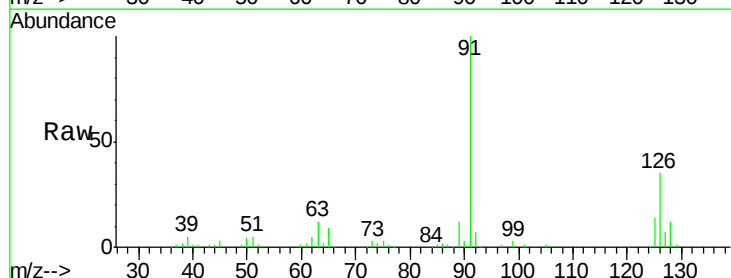
RT: 12.75 min Scan# 3423

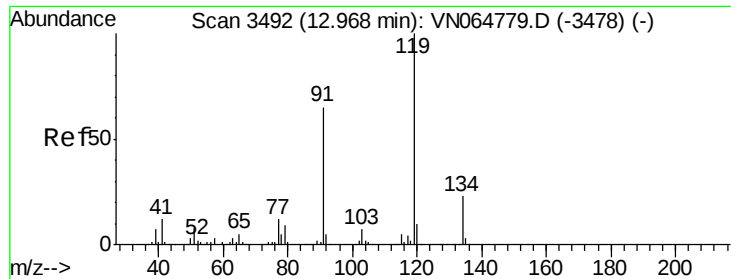
Delta R.T. 0.00 min

Lab File: VN064892.D

Acq: 3 Dec 2020 11:45

Tgt Ion:	91	Resp:	137119
Ion Ratio	Lower	Upper	
91	100		
126	33.7	16.9	50.7





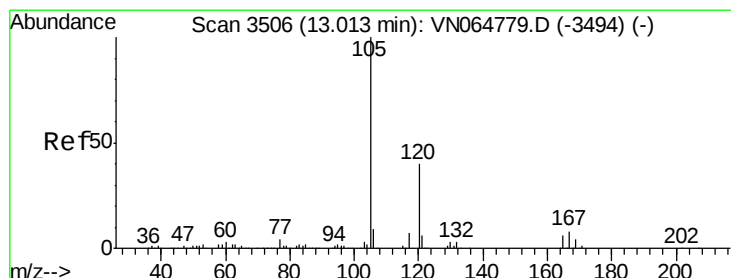
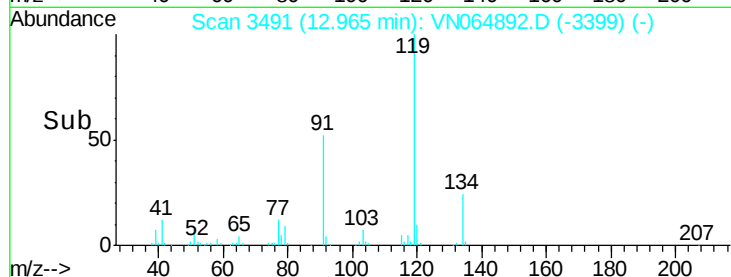
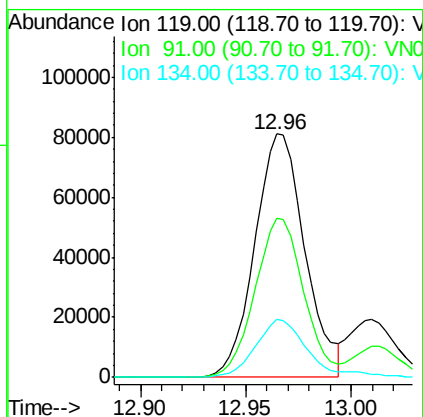
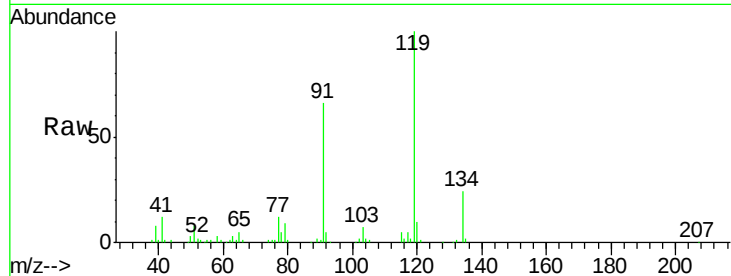
#83
tert-Butylbenzene
Concen: 19.393 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	134198		
91	63.7	32.3	96.8	
134	23.4	12.6	37.6	

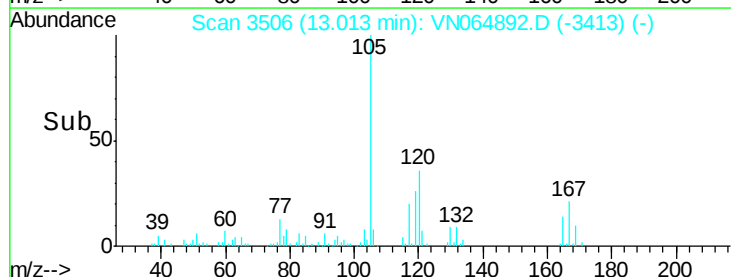
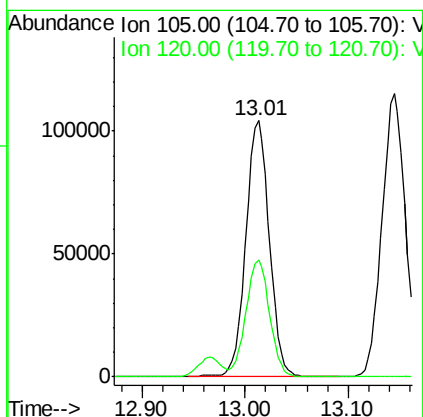
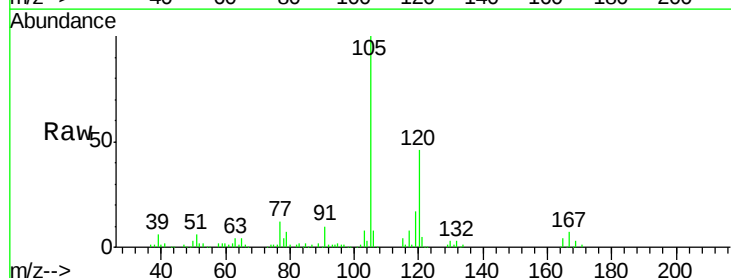
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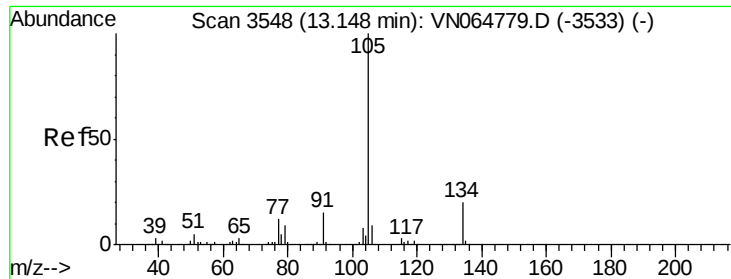
SAM
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#84
1,2,4-Trimethylbenzene
Concen: 19.830 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165521		
120	45.9	23.1	69.2	





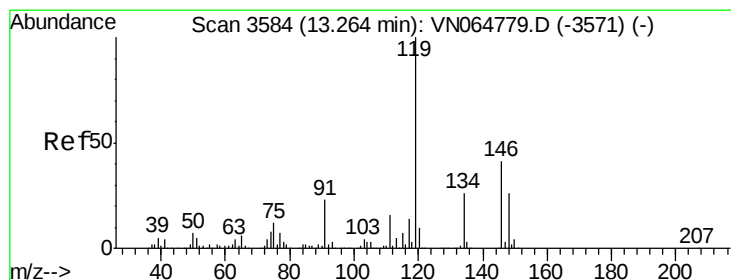
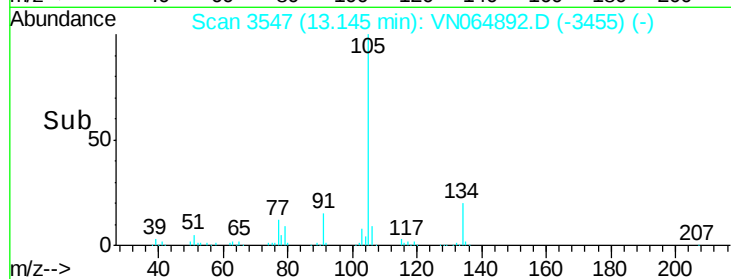
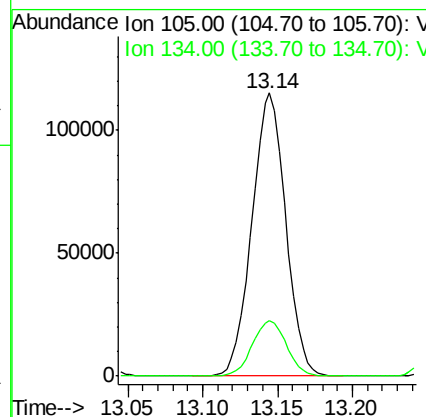
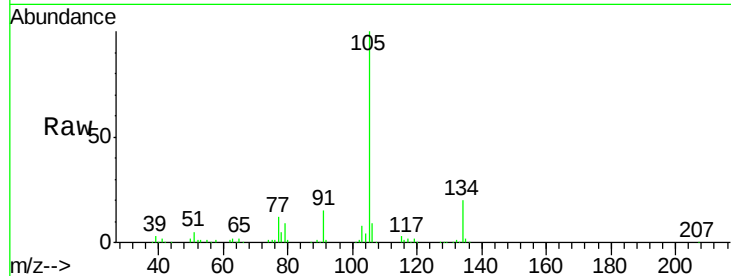
#85
 sec-Butylbenzene
 Concen: 19.705 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

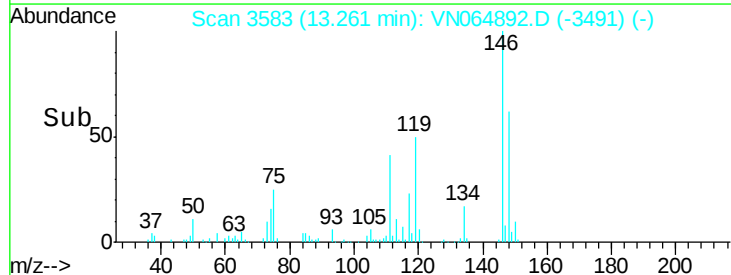
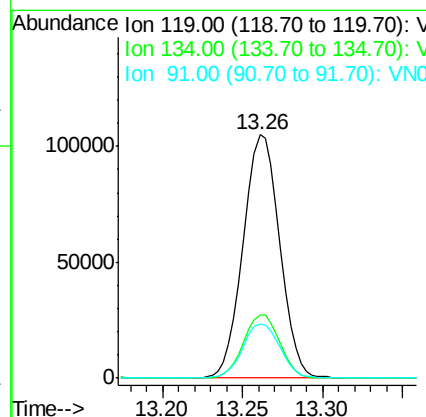
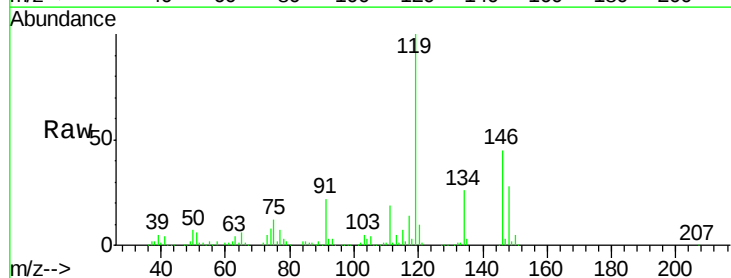
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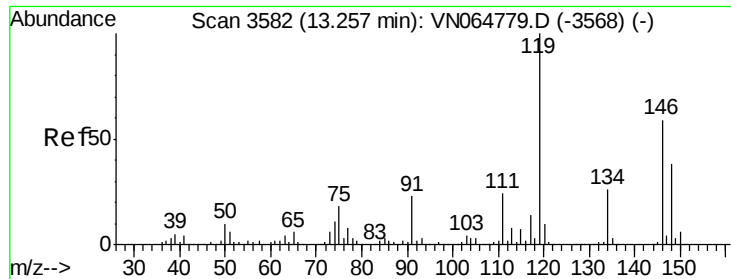
SAM
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#86
 p-Isopropyltoluene
 Concen: 19.524 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.8	11.5	34.5





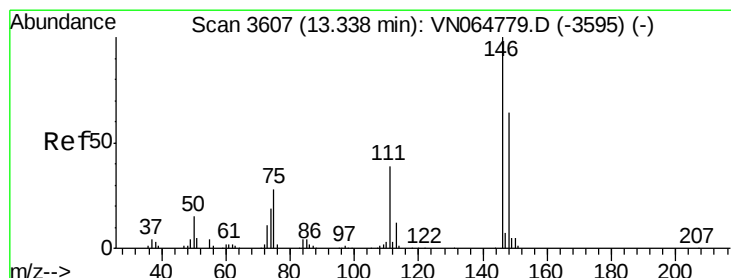
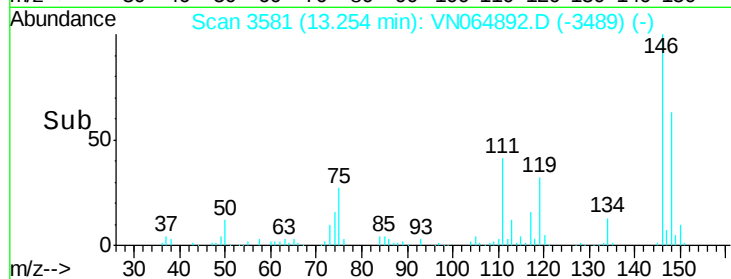
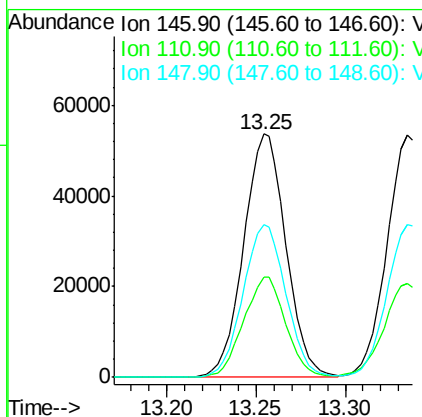
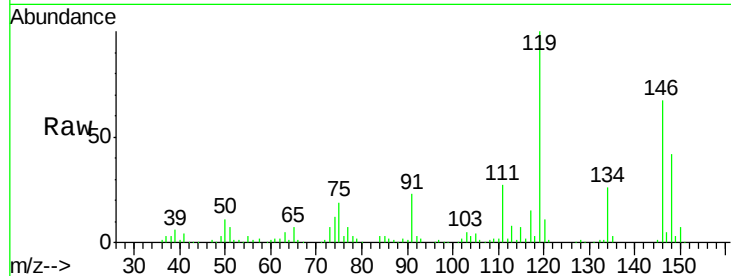
#87
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	63.4	31.9	95.5

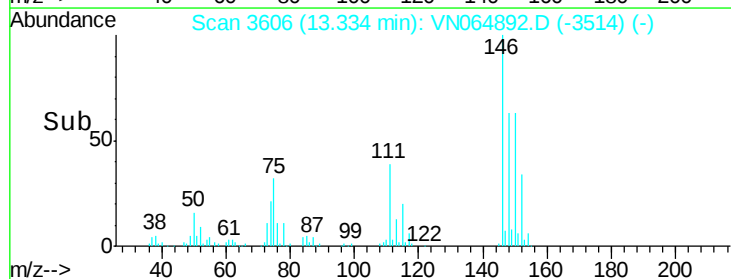
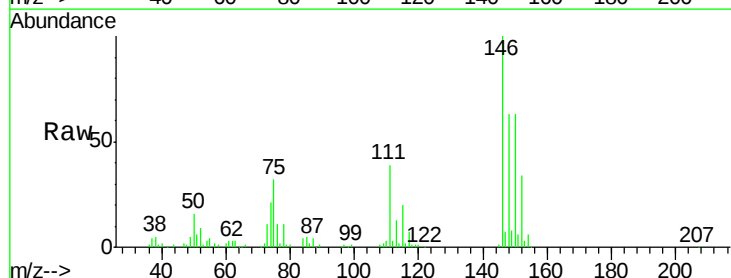
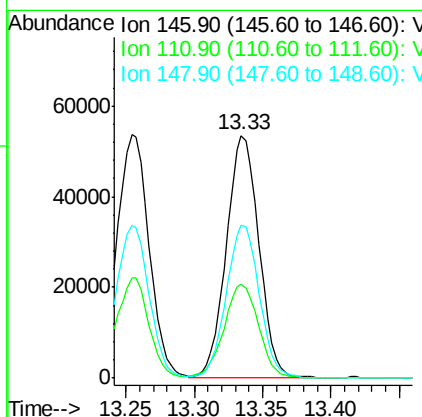
Manual Integrations
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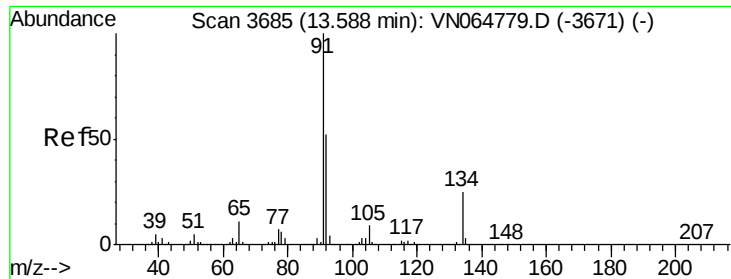
SAM
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#88
 1,4-Dichlorobenzene
 Concen: 17.709 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.3
148	63.9	31.9	95.5





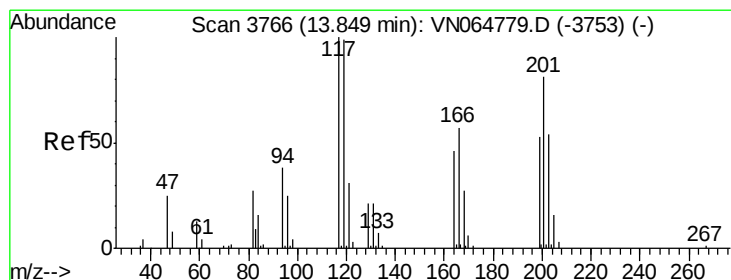
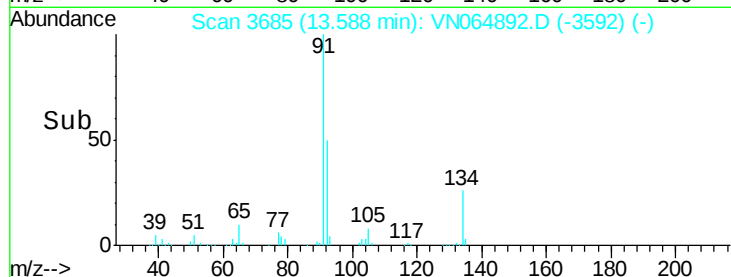
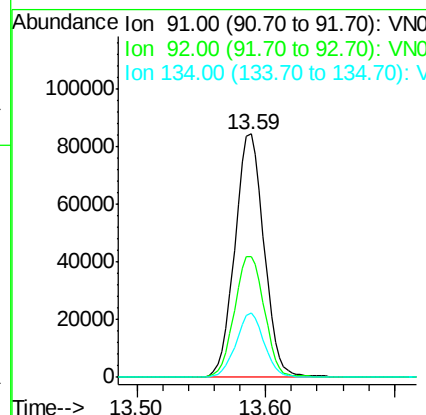
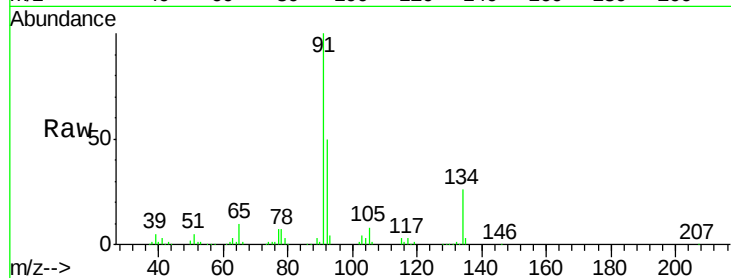
#89
n-Butylbenzene
Concen: 18.091 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.0	78.0
134	25.6	12.9	38.6

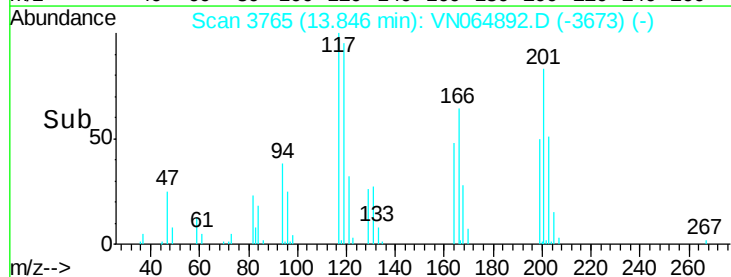
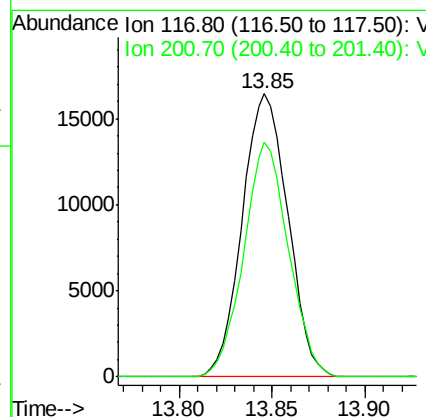
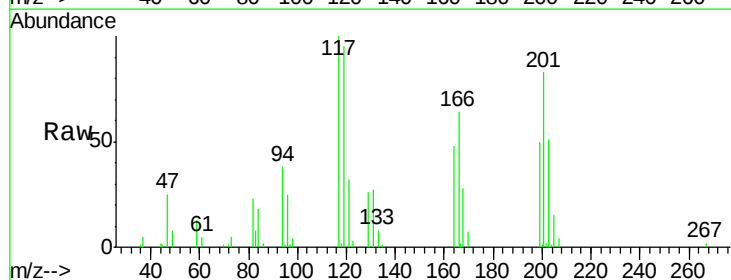
Manual Integrations
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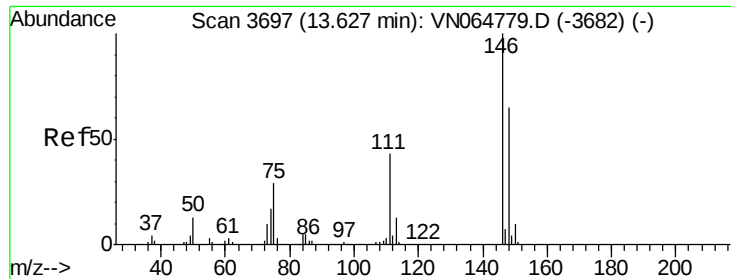
SAM
12/4/2020 5:42:01 PM



#90
Hexachloroethane
Concen: 19.338 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.2	40.1	120.3





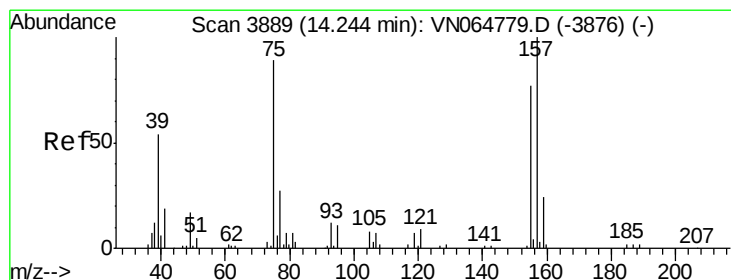
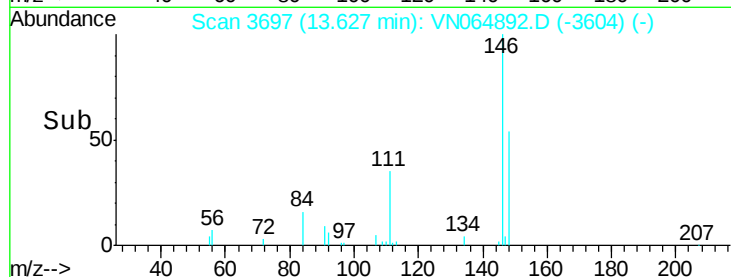
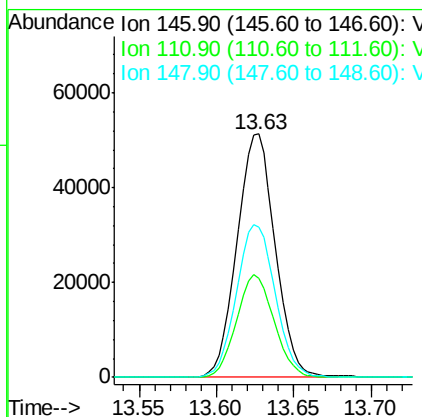
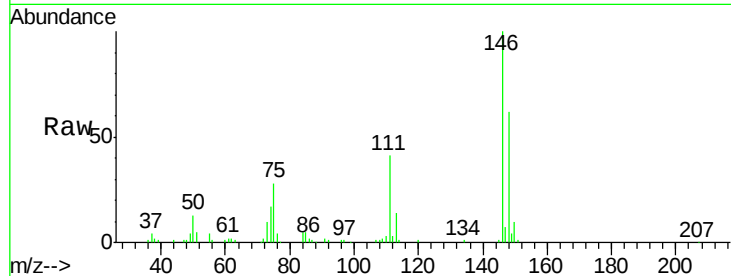
#91
 1,2-Dichlorobenzene
 Concen: 18.868 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.1
148	63.5	32.0	96.2

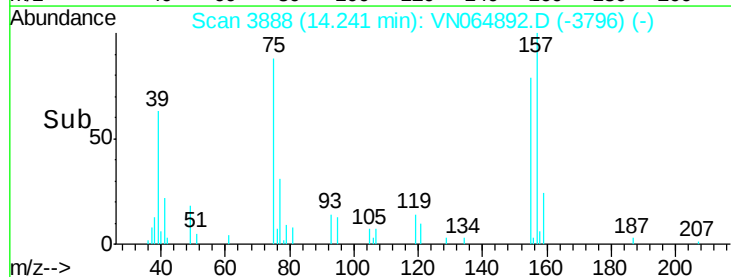
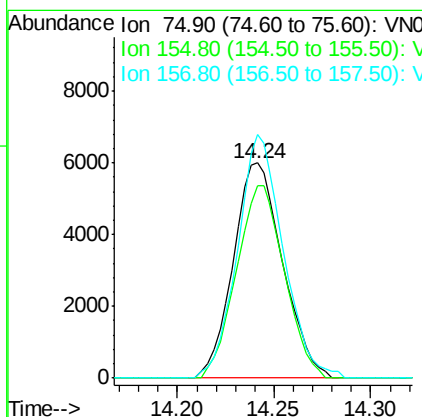
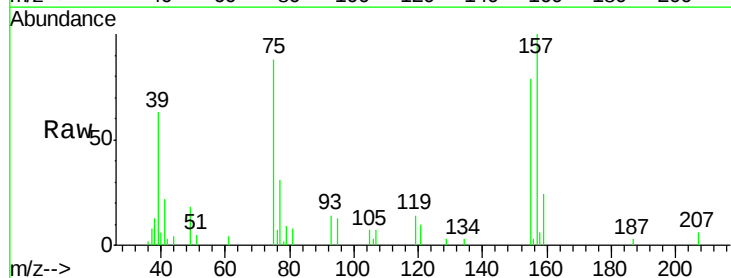
Manual Integrations
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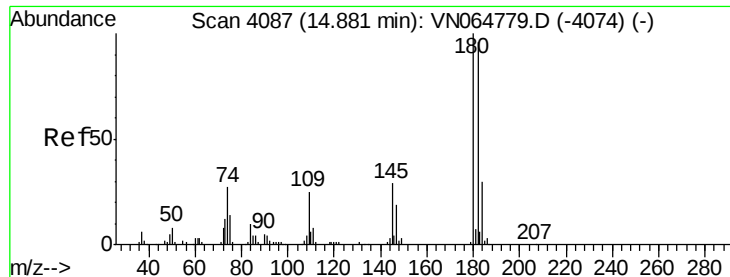
SAM
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.226 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.8	128.3
157	104.9	56.4	169.1





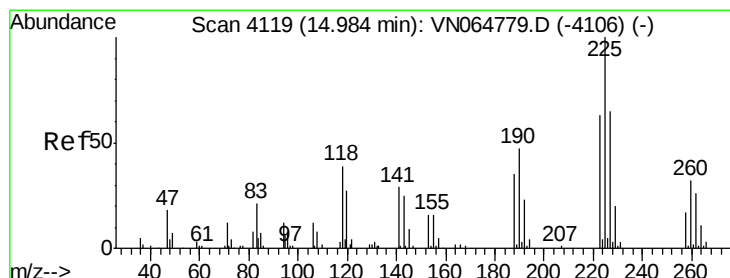
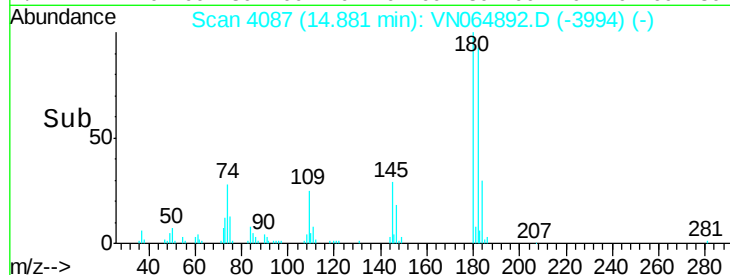
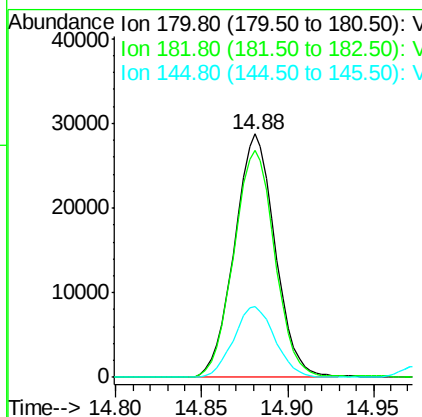
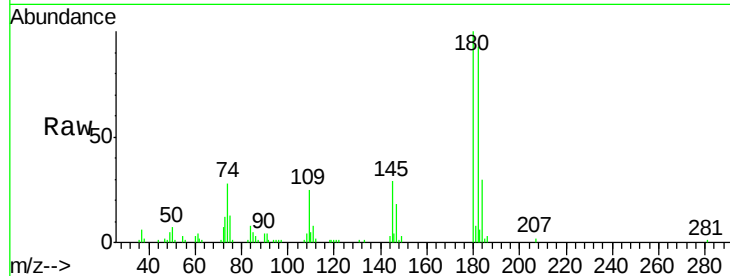
#93
 1,2,4-Trichlorobenzene
 Concen: 16.347 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47238		
182	93.8		47.6	142.9
145	29.3		15.3	45.8

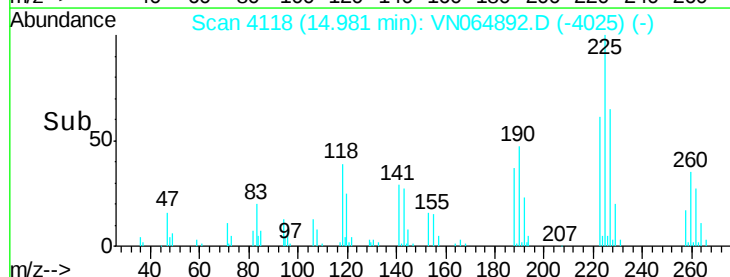
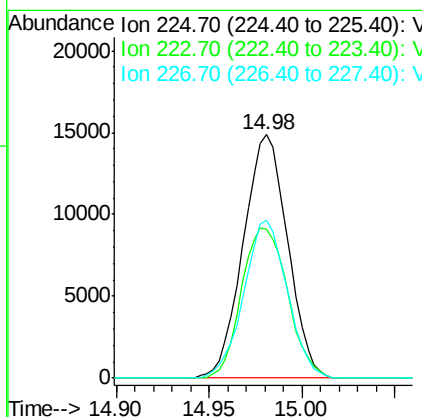
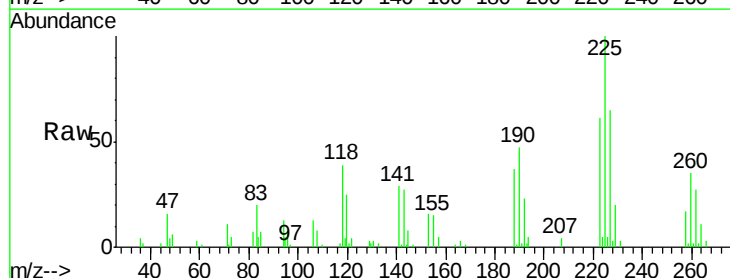
Manual Integrations
 APPROVED

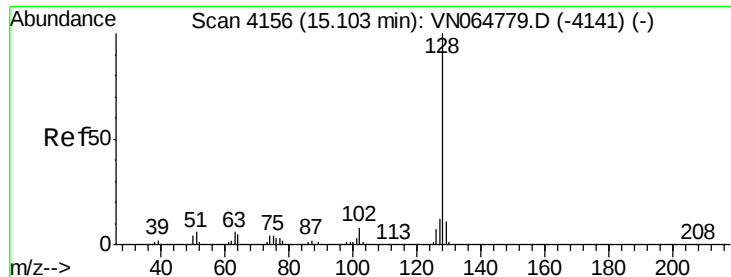
SAM
 12/4/2020 5:42:01 PM



#94
 Hexachlorobutadiene
 Concen: 19.205 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064892.D
 Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24690		
223	64.2		31.0	93.0
227	63.4		32.0	96.0





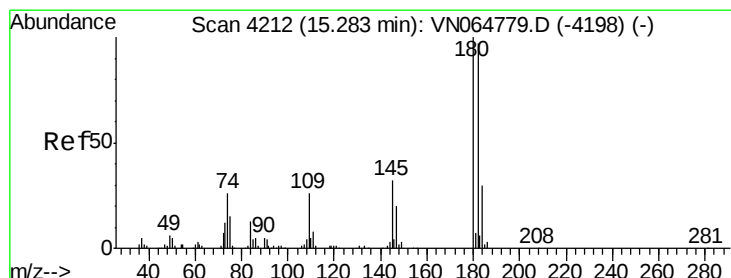
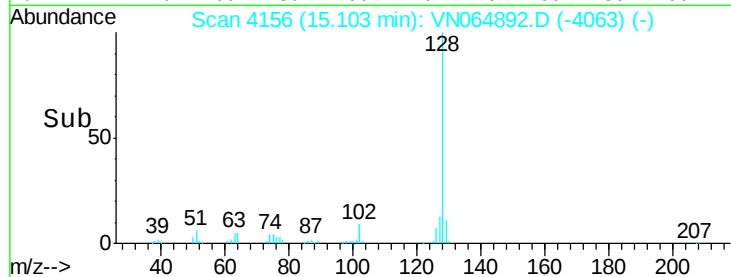
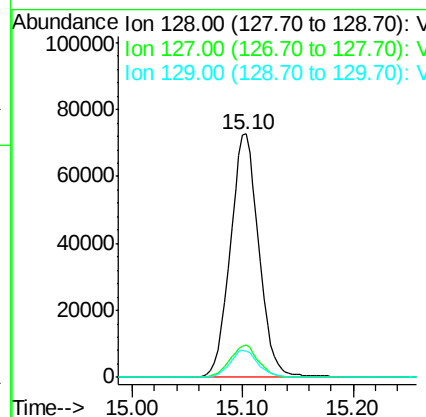
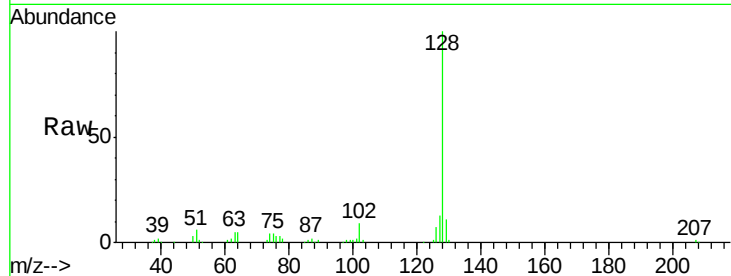
#95
Naphthalene
Concen: 15.012 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

SAM
12/4/2020 5:42:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.803 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064892.D
Acq: 3 Dec 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.1	144.4
145	31.1	16.4	49.1

