

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064893.D
 Acq On : 3 Dec 2020 12:18
 Operator : JC/MD
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:43:41 PM

Quant Time: Dec 04 03:37:29 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	189511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	267021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	109509	49.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.40%
35) Dibromofluoromethane	7.55	113	94352	54.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.54%
50) Toluene-d8	10.06	98	356374	50.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.26%
62) 4-Bromofluorobenzene	12.37	95	125926	49.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	26030	15.848	ug/l 99
3) Chloromethane	2.04	50	33341	15.621	ug/l 97
4) Vinyl Chloride	2.17	62	35424	15.919	ug/l 99
5) Bromomethane	2.53	94	25166	17.238	ug/l 98
6) Chloroethane	2.68	64	22985	16.700	ug/l 99
7) Trichlorofluoromethane	2.99	101	53849	17.506	ug/l 99
8) Diethyl Ether	3.37	74	22085	18.190	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32985	17.876	ug/l 97
10) Methyl Iodide	3.90	142	37630	15.722	ug/l 99
11) Tert butyl alcohol	4.74	59	26132	76.055	ug/l 99
12) 1,1-Dichloroethene	3.69	96	31373	17.072	ug/l 98
13) Acrolein	3.56	56	18405	87.696	ug/l 96
14) Allyl chloride	4.27	41	50860	16.780	ug/l 99
15) Acrylonitrile	4.93	53	79934	84.213	ug/l 99
16) Acetone	3.78	43	60885	84.066	ug/l 97
17) Carbon Disulfide	4.01	76	77719	16.383	ug/l 100
18) Methyl Acetate	4.28	43	38499	17.680	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	103693	17.593	ug/l 99
20) Methylene Chloride	4.50	84	40245	17.733	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	35086	17.193	ug/l 95
22) Diisopropyl ether	5.90	45	113913	18.777	ug/l 98
23) Vinyl Acetate	5.84	43	429582	88.548	ug/l 100
24) 1,1-Dichloroethane	5.79	63	66306	18.288	ug/l 99
25) 2-Butanone	6.78	43	96550	82.237	ug/l 97
26) 2,2-Dichloropropane	6.77	77	54096	17.203	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	40937	17.827	ug/l 99
28) Bromochloromethane	7.15	49	31367	18.911	ug/l 98
29) Tetrahydrofuran	7.16	42	65200	80.451	ug/l 98
30) Chloroform	7.33	83	68654	18.362	ug/l 97
31) Cyclohexane	7.61	56	50298	16.380	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	56881	17.713	ug/l 98
36) 1,1-Dichloropropene	7.75	75	47787	17.907	ug/l 99
37) Ethyl Acetate	6.88	43	41972	16.327	ug/l 98
38) Carbon Tetrachloride	7.73	117	50639	18.237	ug/l 97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48481	16.876	ug/l	98
40) Benzene	8.00	78	150516	18.405	ug/l	97
41) Methacrylonitrile	7.12	41	21181	17.857	ug/l	89
42) 1,2-Dichloroethane	8.08	62	51446	18.648	ug/l	99
43) Isopropyl Acetate	8.12	43	70594	17.066	ug/l #	91
44) Trichloroethene	8.80	130	43183	17.897	ug/l	100
45) 1,2-Dichloropropane	9.08	63	41000	19.360	ug/l	94
46) Dibromomethane	9.17	93	27677	19.562	ug/l	97
47) Bromodichloromethane	9.37	83	53613	18.833	ug/l	100
48) Methyl methacrylate	9.16	41	33033	16.712	ug/l	99
49) 1,4-Dioxane	9.16	88	12330	330.053	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	213409	85.936	ug/l	99
52) Toluene	10.12	92	93385	18.543	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	57289	18.068	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64191	18.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39064	18.863	ug/l	95
56) Ethyl methacrylate	10.40	69	49583	17.350	ug/l	99
57) 1,3-Dichloropropane	10.68	76	65734	19.242	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	136877	87.072	ug/l	99
59) 2-Hexanone	10.72	43	149918	83.883	ug/l	97
60) Dibromochloromethane	10.87	129	43814	19.033	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39421	18.736	ug/l	98
64) Tetrachloroethene	10.60	164	47158	18.153	ug/l	95
65) Chlorobenzene	11.40	112	104736	18.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39308	18.653	ug/l	97
67) Ethyl Benzene	11.48	91	170968	17.848	ug/l	99
68) m/p-Xylenes	11.59	106	133161	36.716	ug/l	98
69) o-Xylene	11.92	106	64004	18.597	ug/l	97
70) Styrene	11.94	104	107388	18.483	ug/l	99
71) Bromoform	12.10	173	29944	17.791	ug/l #	100
73) Isopropylbenzene	12.22	105	166843	18.396	ug/l	99
74) N-amyl acetate	12.04	43	57958	16.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47813	17.987	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	49098m	17.485	ug/l	
77) Bromobenzene	12.50	156	44459	18.183	ug/l	99
78) n-propylbenzene	12.56	91	188858	18.279	ug/l	99
79) 2-Chlorotoluene	12.65	91	115208	18.039	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	144347	19.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17049	16.641	ug/l	94
82) 4-Chlorotoluene	12.75	91	119451	17.844	ug/l	98
83) tert-Butylbenzene	12.97	119	118789	18.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	146646	19.240	ug/l	99
85) sec-Butylbenzene	13.14	105	156750	18.684	ug/l	98
86) p-Isopropyltoluene	13.26	119	143911	18.841	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	79803	18.371	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	79331	17.268	ug/l	98
89) n-Butylbenzene	13.59	91	116034	17.299	ug/l	99
90) Hexachloroethane	13.85	117	24518	18.478	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	79240	18.577	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9861	16.486	ug/l	97

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ClientSampleId :
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SAM
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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)
93) 1,2,4-Trichlorobenzene	14.88	180	42321	16.039	ug/l	99
94) Hexachlorobutadiene	14.98	225	22393	19.078	ug/l	98
95) Naphthalene	15.10	128	115824	14.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	40781	17.203	ug/l	99

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

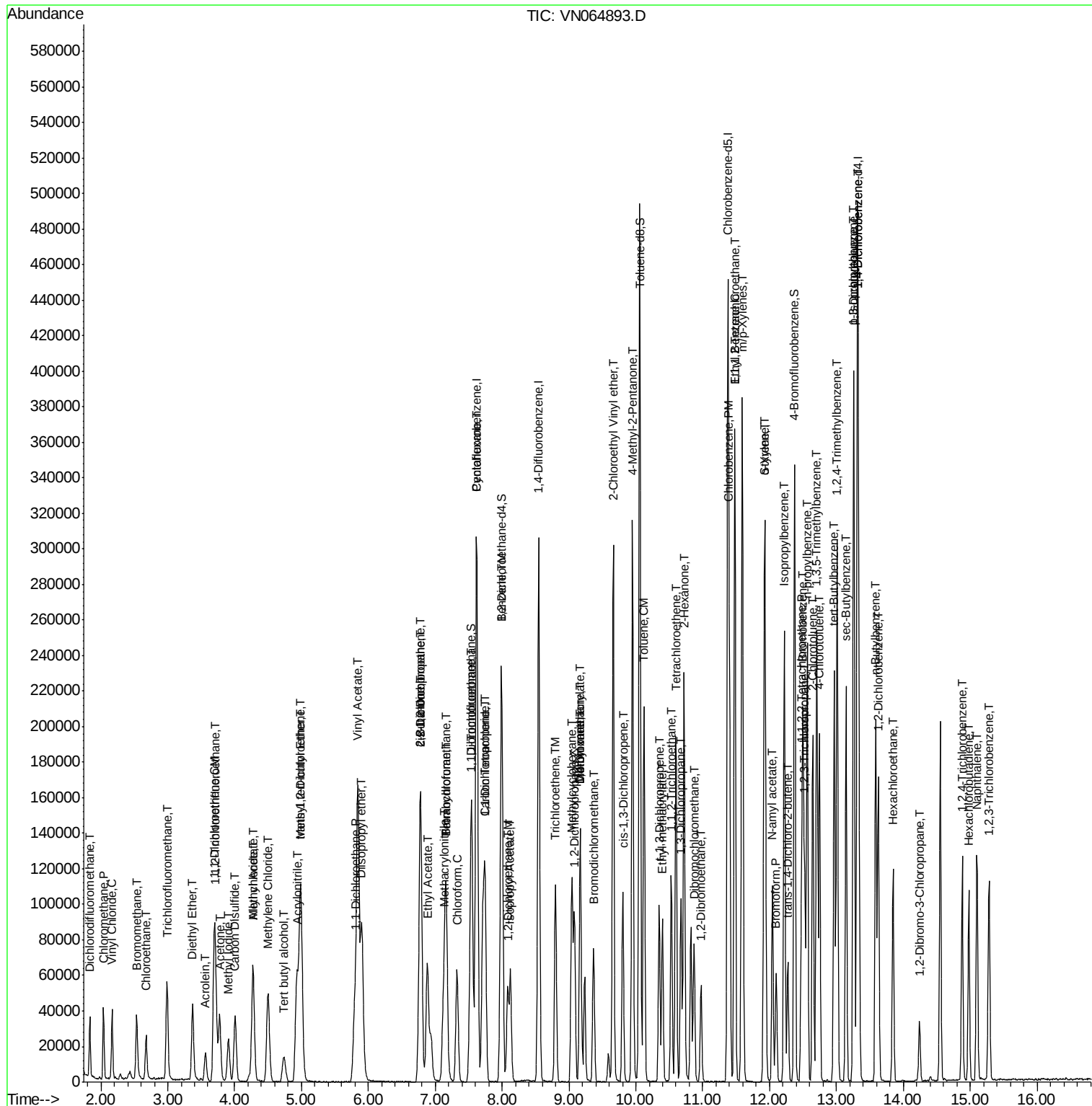
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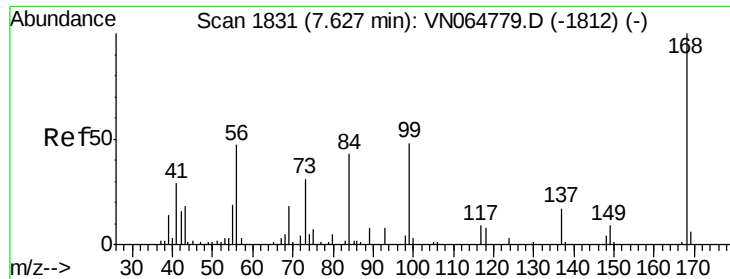
Instrument :
MSVOA_N
Client Sample ID :
VN1203WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion:168 Resp: 189511

Ion Ratio Lower Upper

168 100

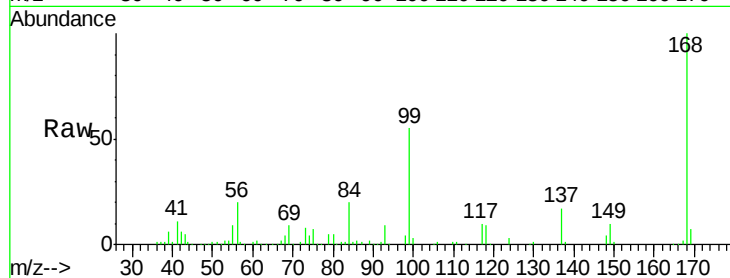
99 55.1 43.0 64.4

Manual Integrations

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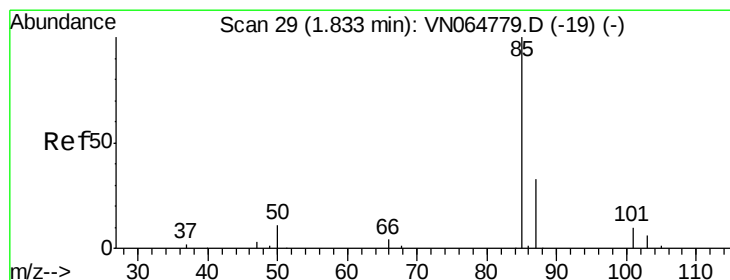
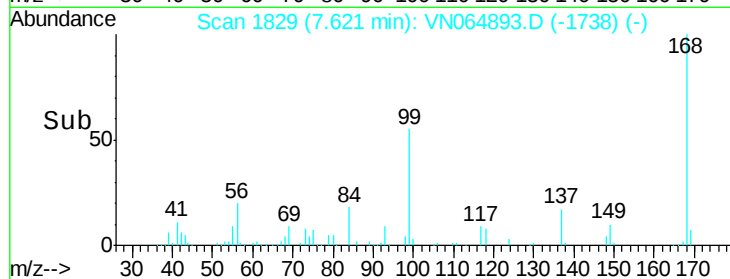
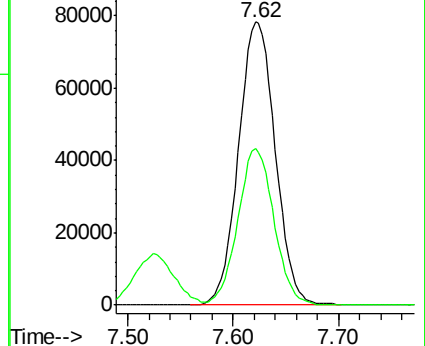
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 15.848 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064893.D

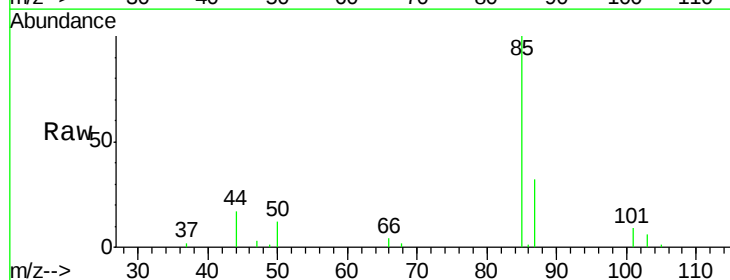
Acq: 3 Dec 2020 12:18

Tgt Ion: 85 Resp: 26030

Ion Ratio Lower Upper

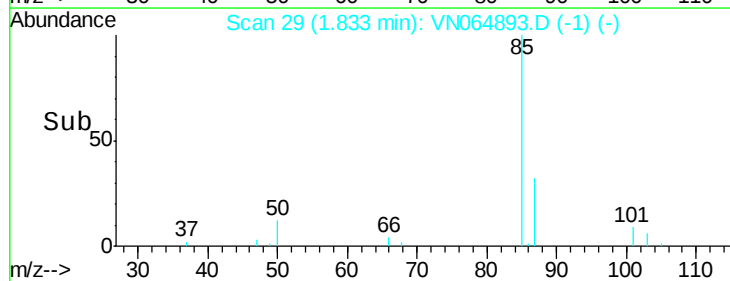
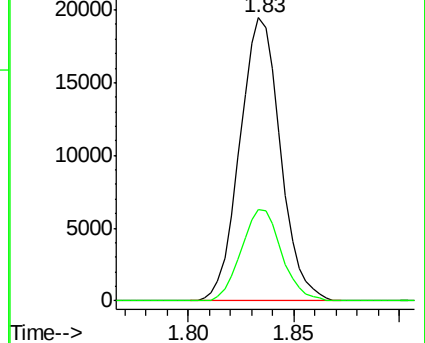
85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





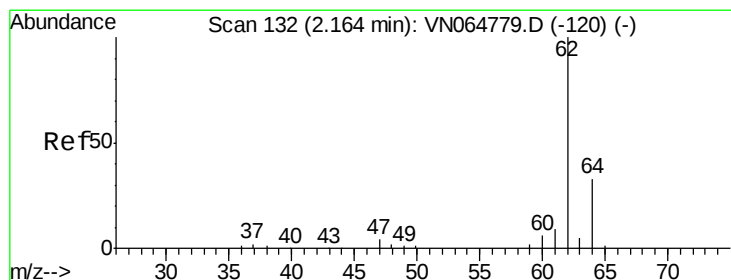
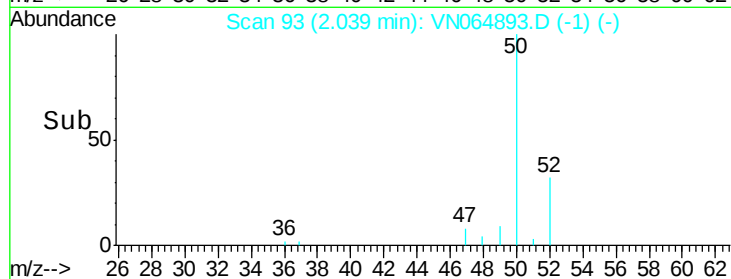
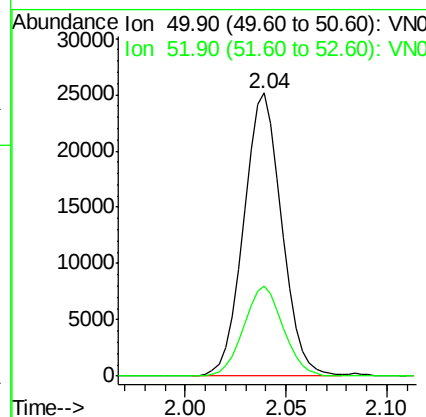
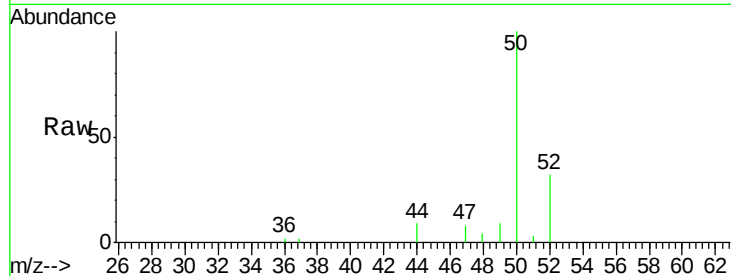
#3
Chloromethane
Concen: 15.621 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 50 Resp: 33341
Ion Ratio Lower Upper
50 100
52 31.7 26.6 39.8

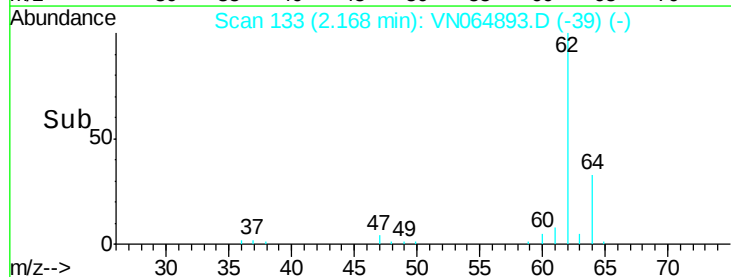
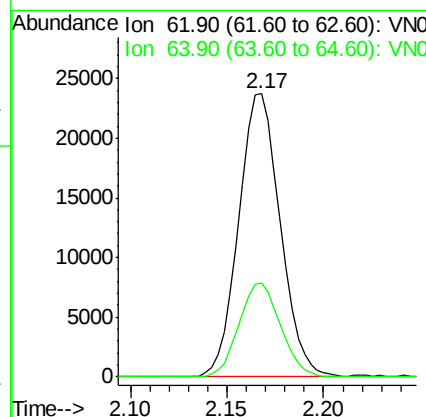
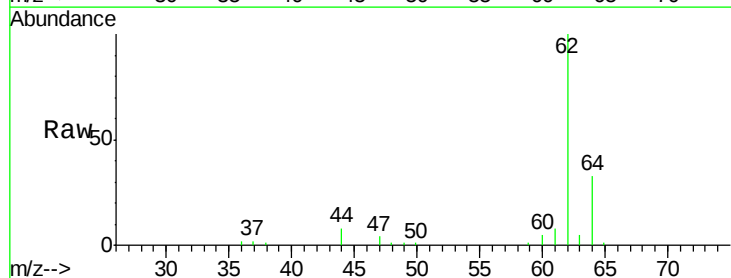
Manual Integrations
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#4
Vinyl Chloride
Concen: 15.919 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 62 Resp: 35424
Ion Ratio Lower Upper
62 100
64 33.4 26.5 39.7





#5

Bromomethane

Concen: 17.238 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 94 Resp: 25166

Ion Ratio Lower Upper

94 100

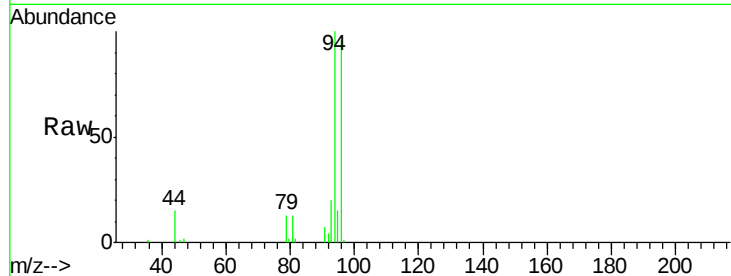
96 96.5 75.4 113.0

Manual Integrations

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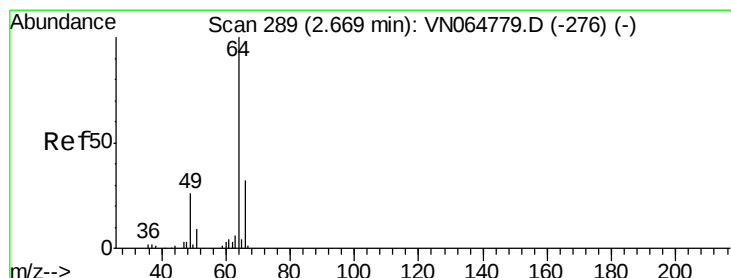
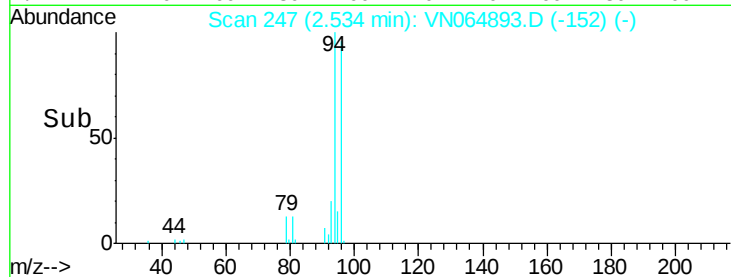
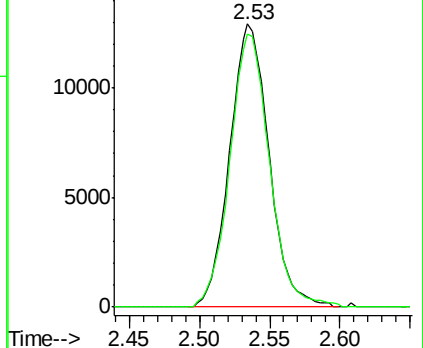
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Abundance Ion 93.90 (93.60 to 94.60): VN064893.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064893.D (-152) (-)



#6

Chloroethane

Concen: 16.700 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064893.D

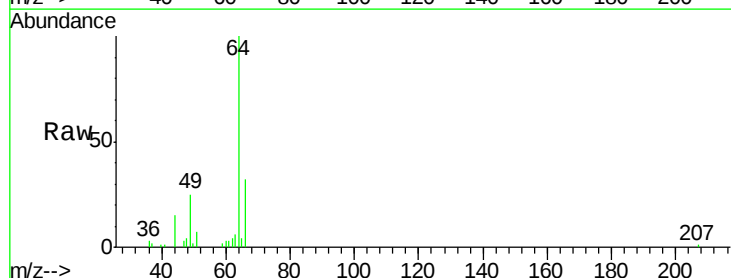
Acq: 3 Dec 2020 12:18

Tgt Ion: 64 Resp: 22985

Ion Ratio Lower Upper

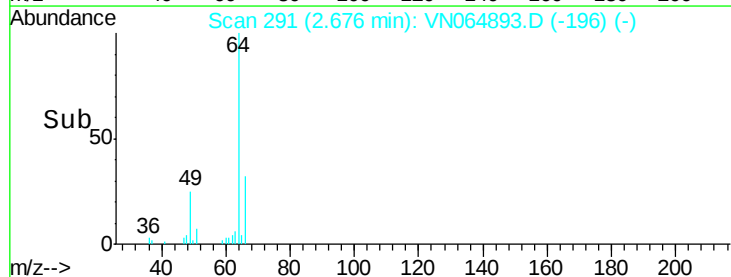
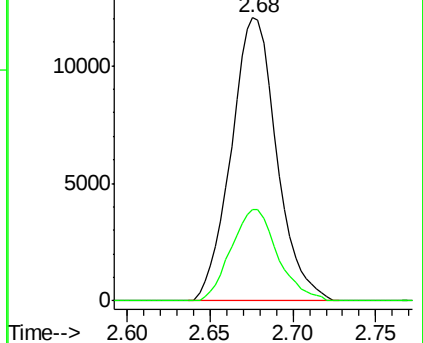
64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064893.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064893.D (-196) (-)





#7

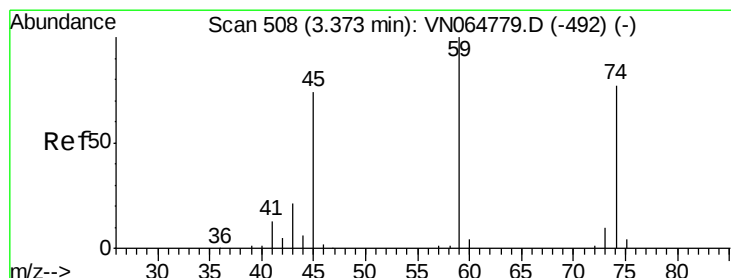
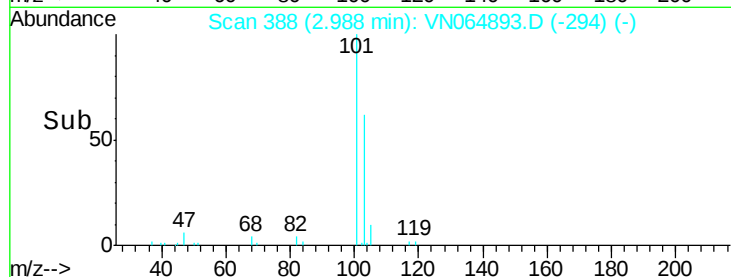
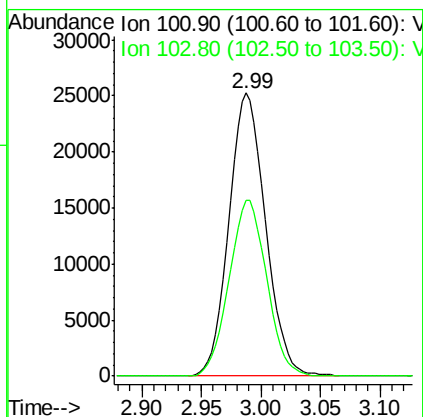
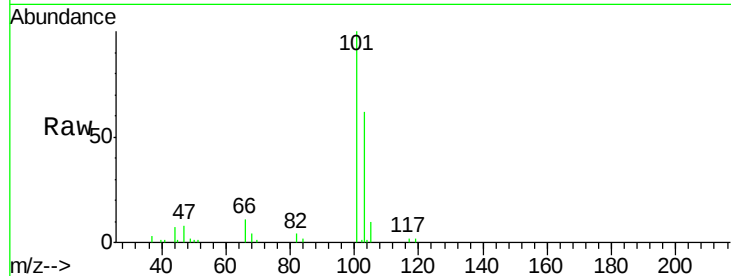
Trichlorofluoromethane
Concen: 17.506 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
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ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.5	75.7

Manual Integrations
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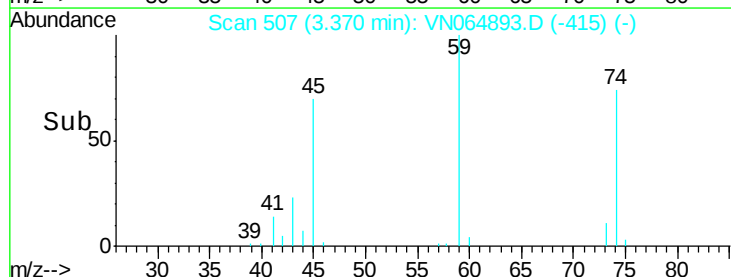
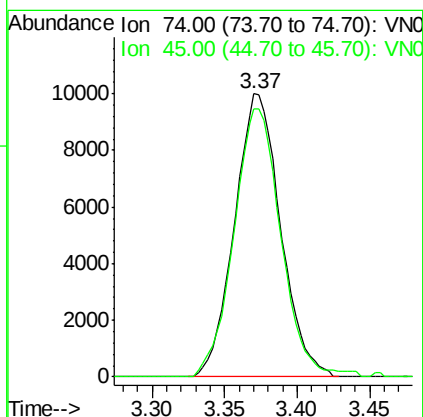
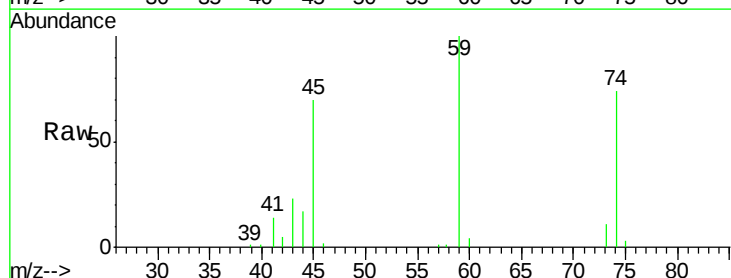
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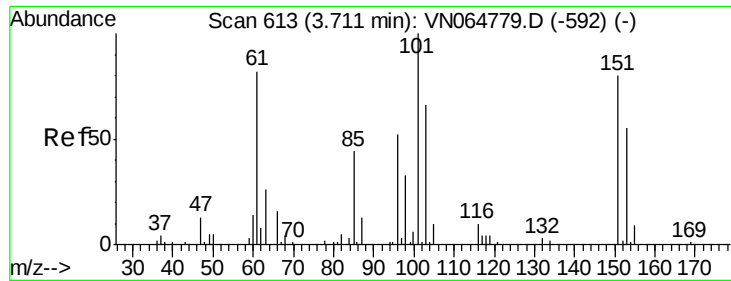


#8

Diethyl Ether
Concen: 18.190 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.876 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064893.D

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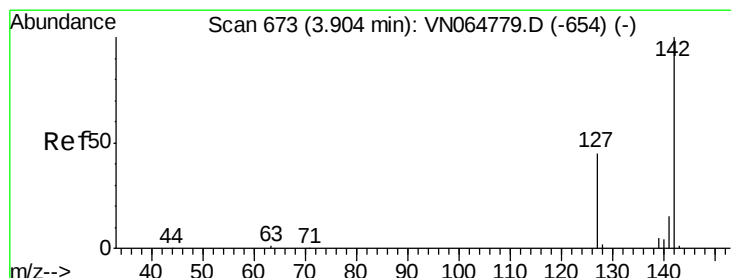
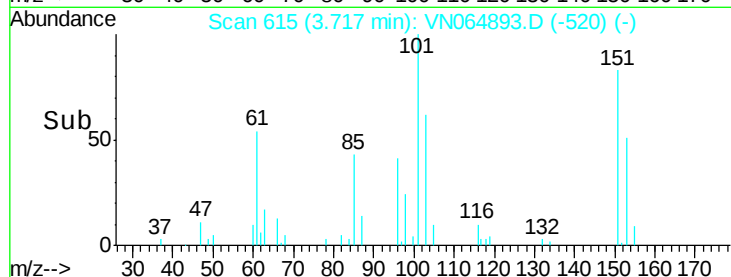
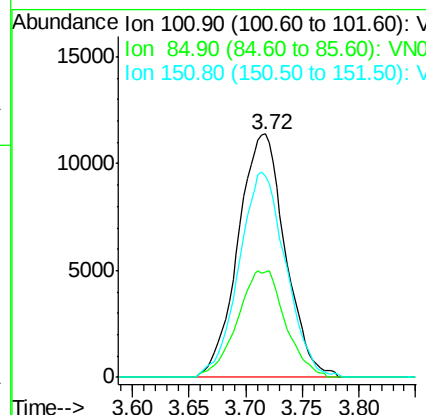
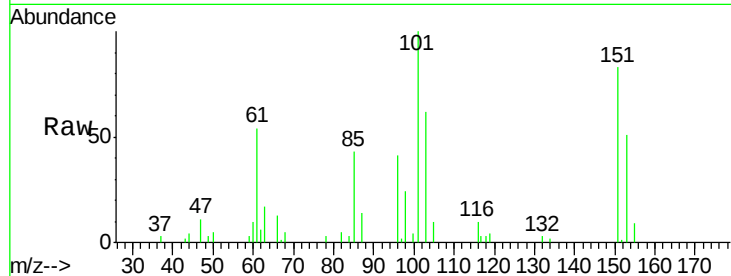
VN1203WBSD01

Tot Ion:	101	Resp:	32985
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.4	51.6
151	83.6	64.0	96.0

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#10

Methyl Iodide

Concen: 15.722 ug/l

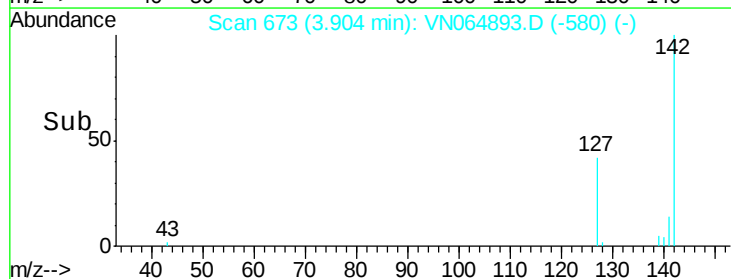
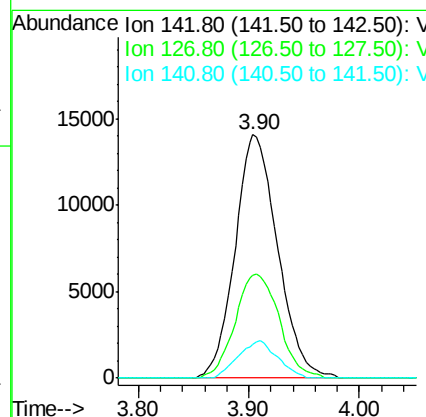
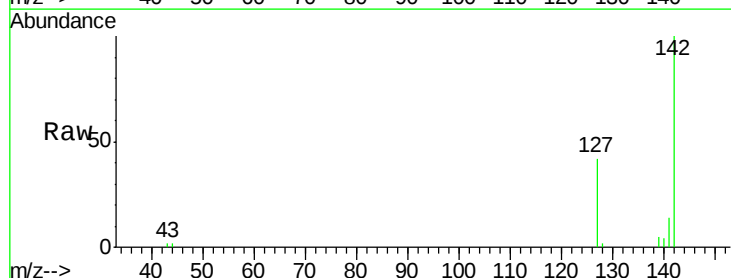
RT: 3.90 min Scan# 673

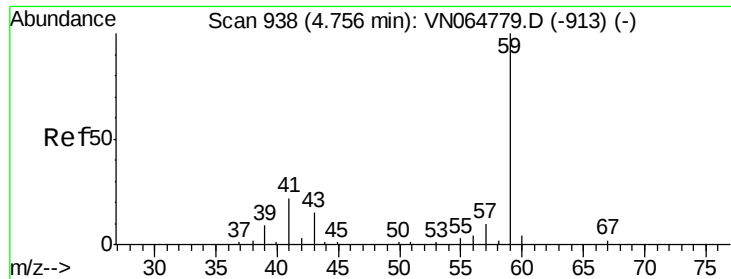
Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	142	Resp:	37630
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.0	52.6
141	14.2	11.8	17.6





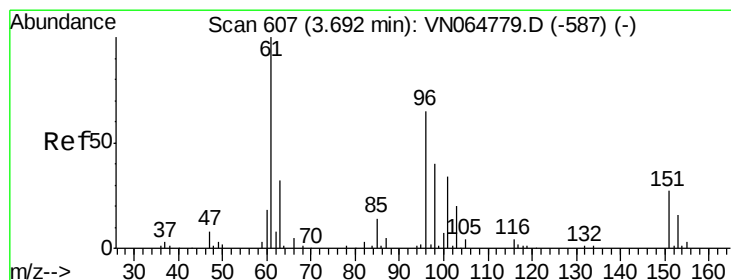
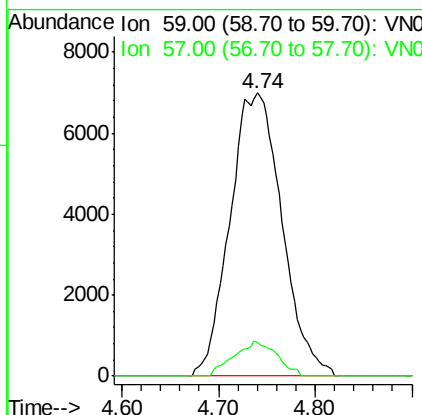
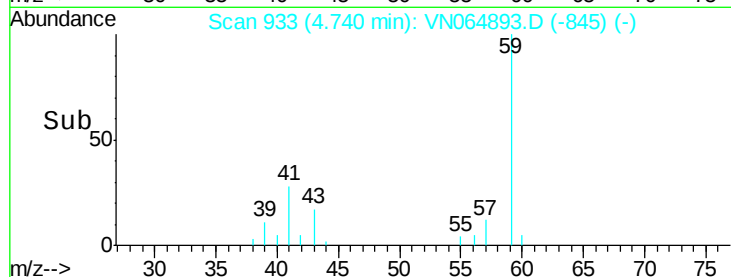
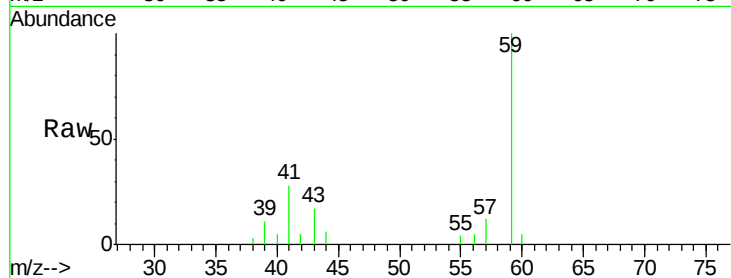
#11
Tert butyl alcohol
Concen: 76.055 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 59 Resp: 26132
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

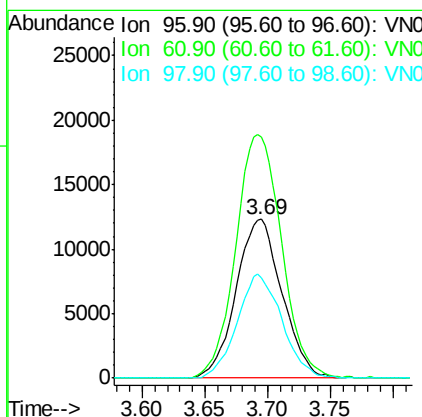
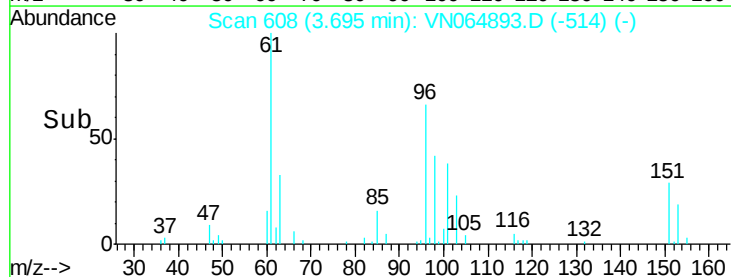
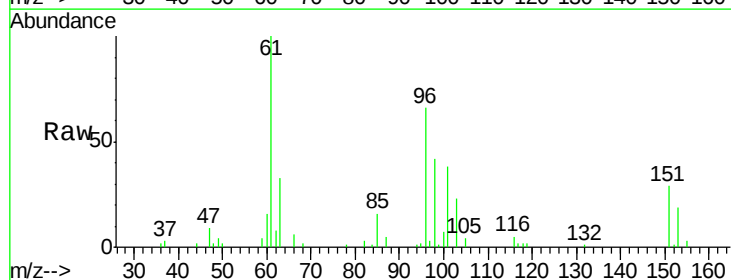
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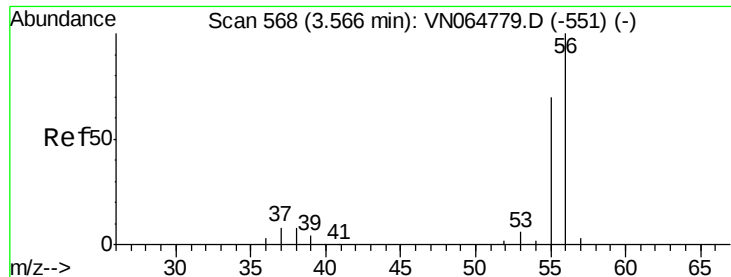
SAM
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#12
1,1-Dichloroethene
Concen: 17.072 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 96 Resp: 31373
Ion Ratio Lower Upper
96 100
61 151.7 123.4 185.2
98 63.1 49.8 74.8





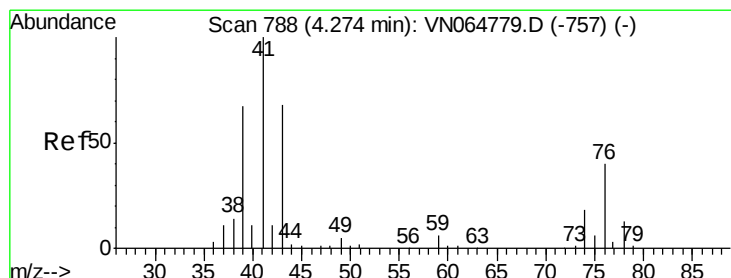
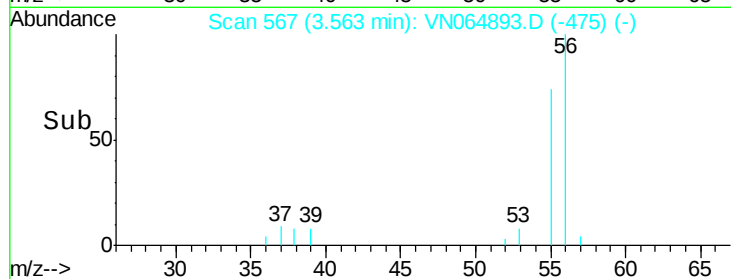
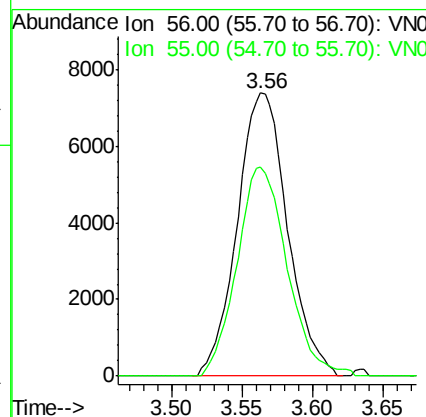
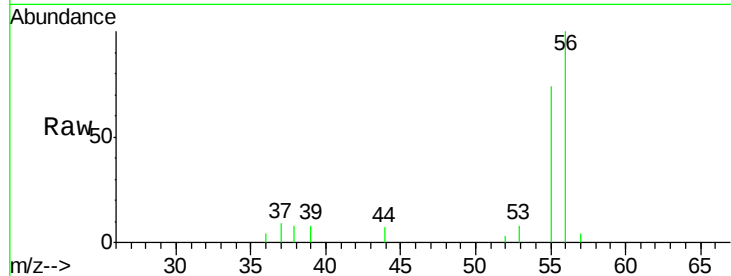
#13
Acrolein
Concen: 87.696 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 56 Resp: 18405
Ion Ratio Lower Upper
56 100
55 73.9 56.5 84.7

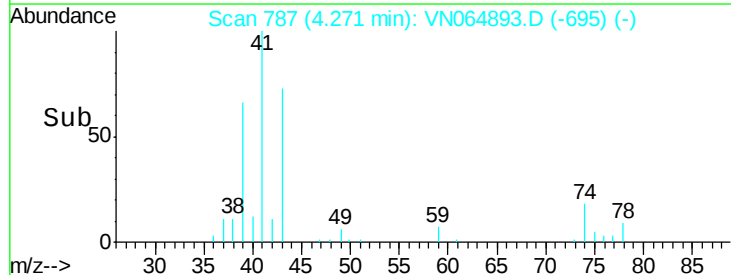
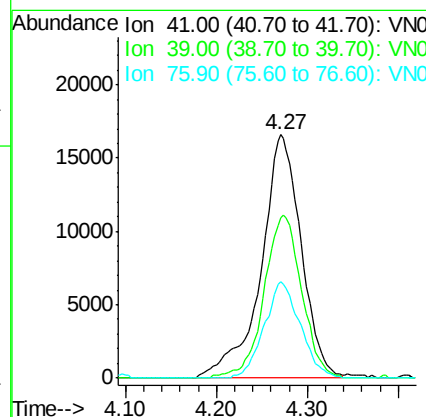
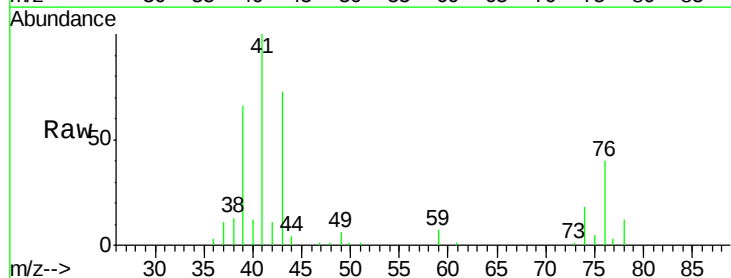
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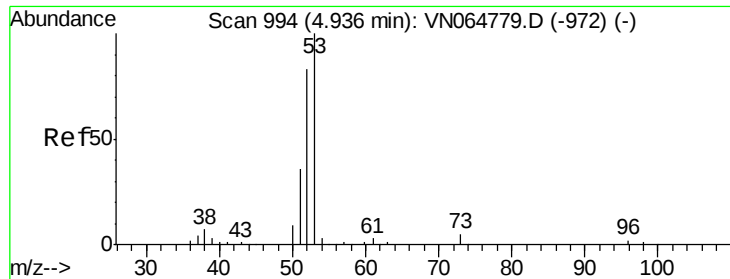
SAM
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#14
Allyl chloride
Concen: 16.780 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 41 Resp: 50860
Ion Ratio Lower Upper
41 100
39 62.6 50.9 76.3
76 35.6 29.0 43.4





#15

Acrylonitrile

Concen: 84.213 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

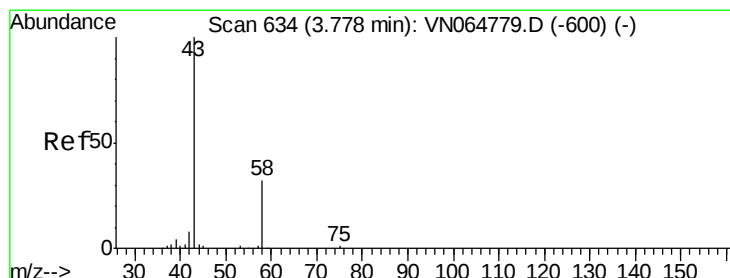
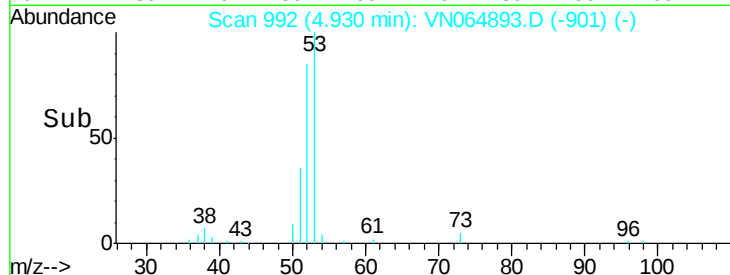
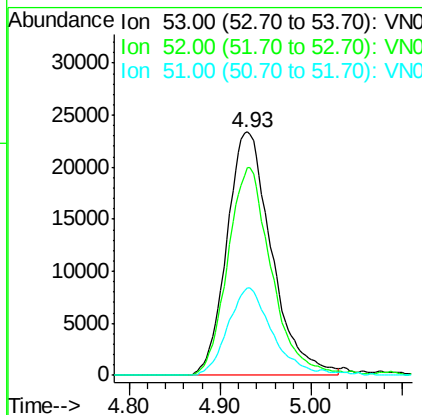
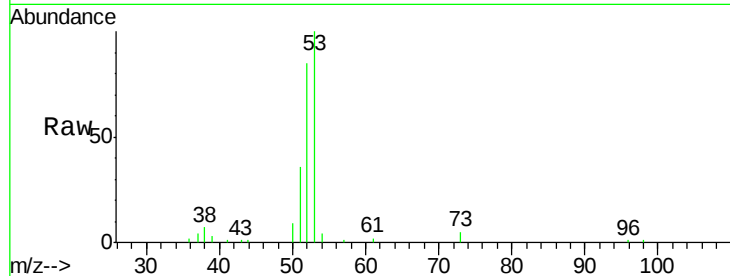
VN1203WBSD01

Tot Ion:	53	Resp:	79934
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.5	98.3
51	34.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 84.066 ug/l

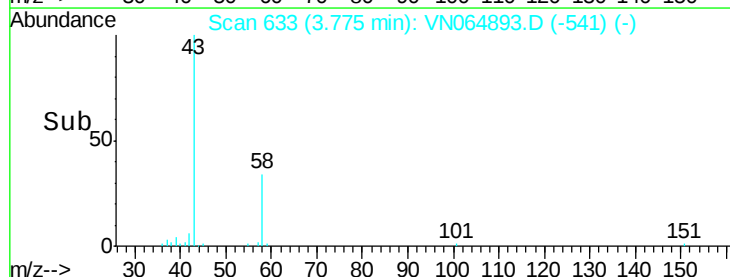
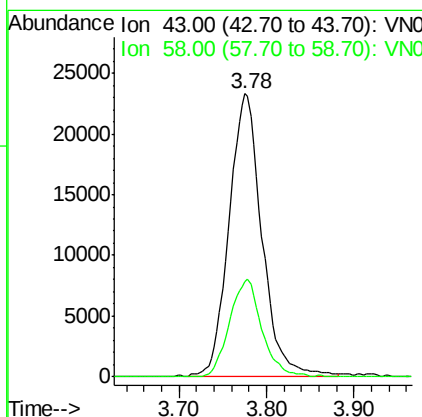
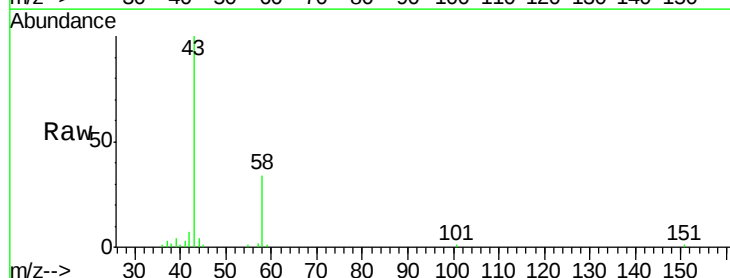
RT: 3.78 min Scan# 633

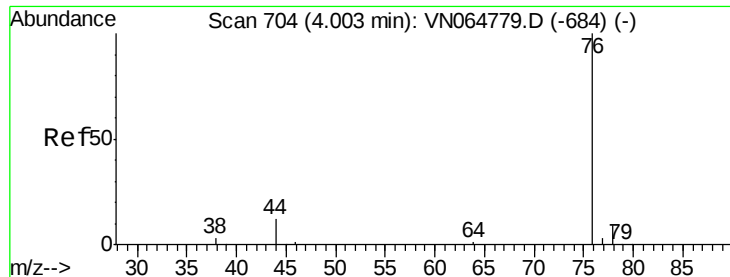
Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	43	Resp:	60885
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.7	38.5





#17

Carbon Disulfide

Concen: 16.383 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 76 Resp: 77719

Ion Ratio Lower Upper

76 100

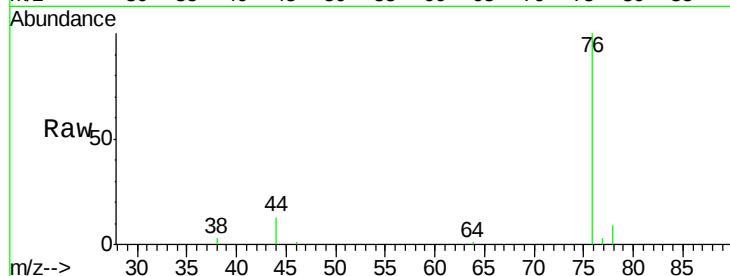
78 9.0 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.01

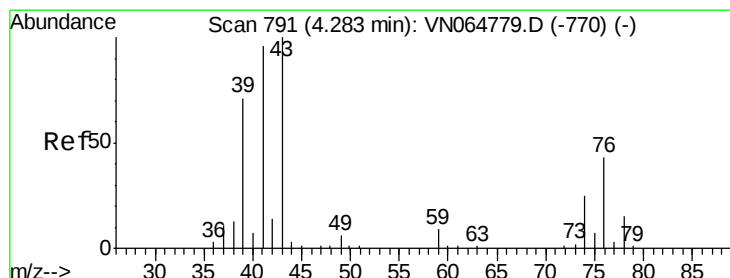
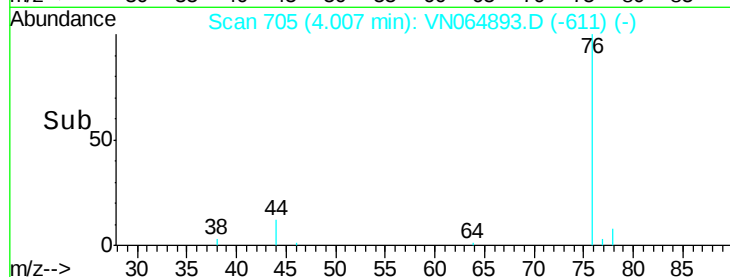
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 17.680 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064893.D

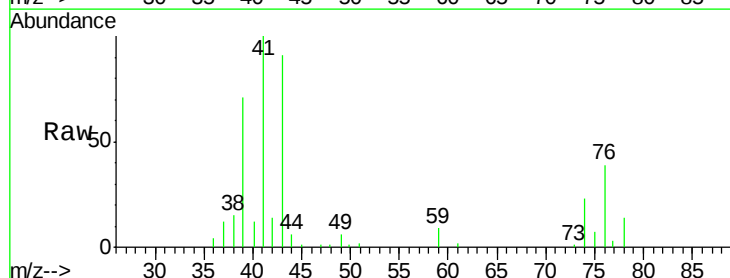
Acq: 3 Dec 2020 12:18

Tgt Ion: 43 Resp: 38499

Ion Ratio Lower Upper

43 100

74 24.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN064779.D (-770) (-)

4.28

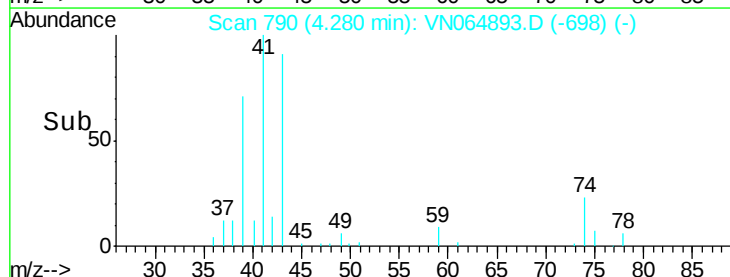
15000

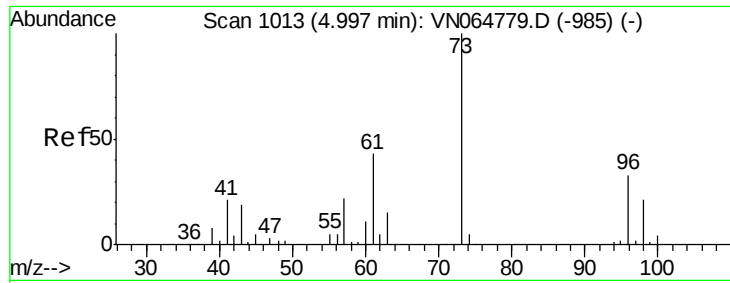
10000

5000

0

Time-->





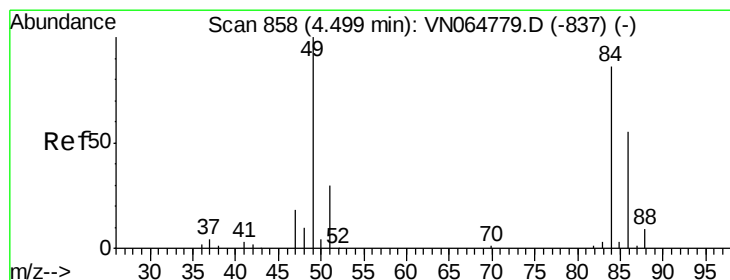
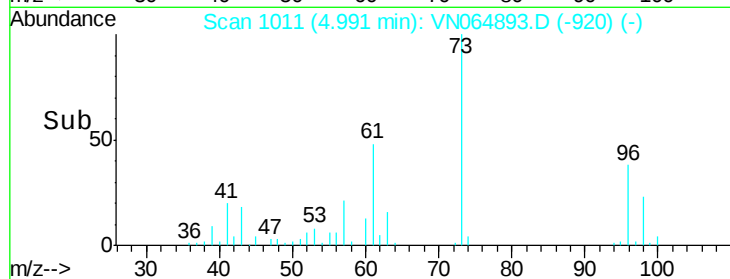
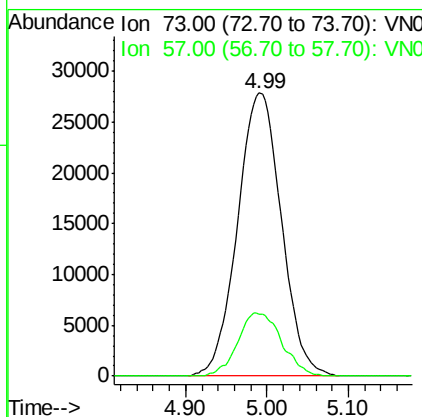
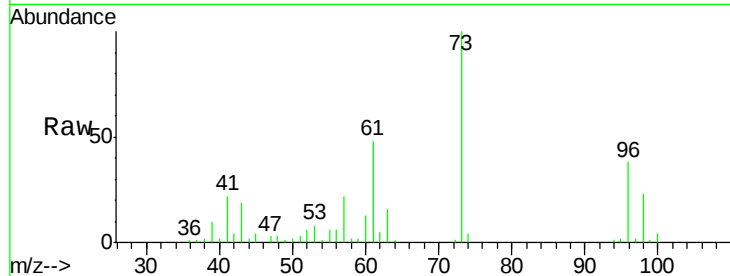
#19
Methvl tert-butvl Ether
Concen: 17.593 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 73 Resp: 103693
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

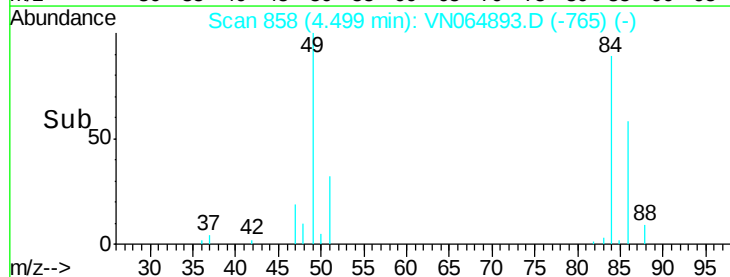
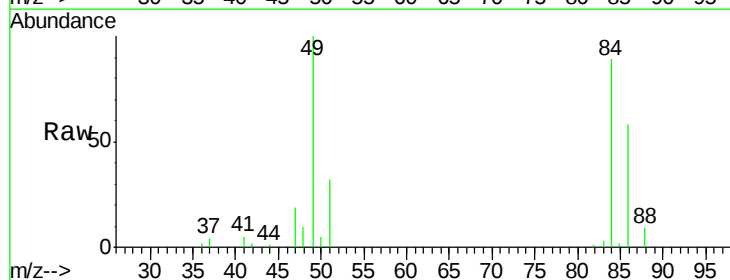
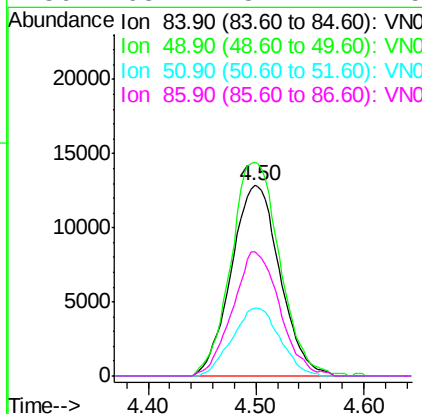
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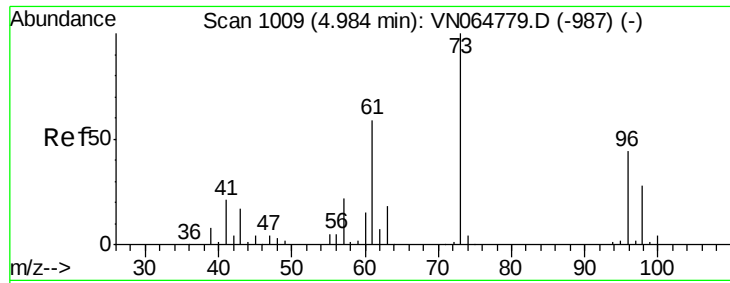
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#20
Methylene Chloride
Concen: 17.733 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 84 Resp: 40245
Ion Ratio Lower Upper
84 100
49 112.0 93.4 140.0
51 35.6 28.2 42.4
86 65.2 51.7 77.5





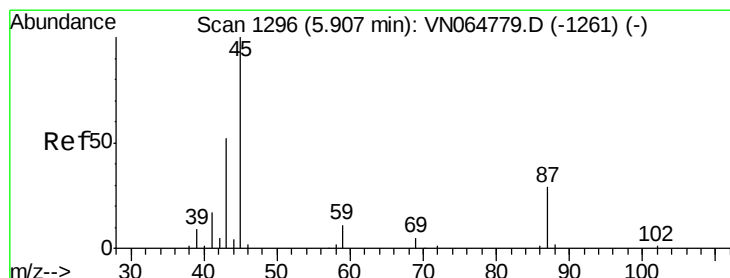
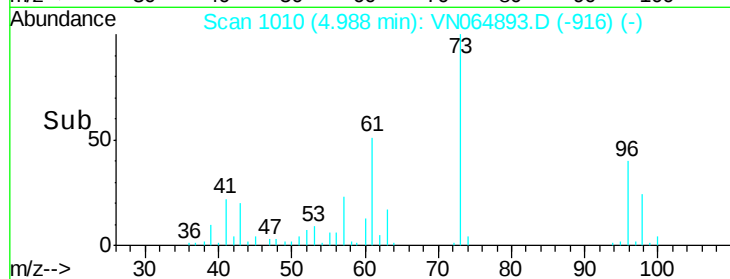
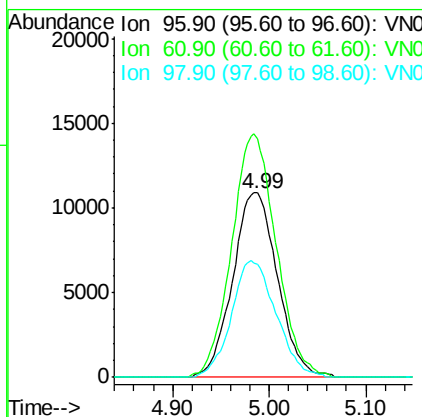
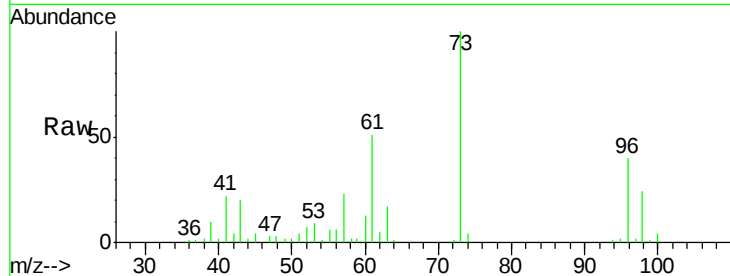
#21
trans-1,2-Dichloroethene
Concen: 17.193 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	108.4	162.6
98	61.0	51.3	76.9

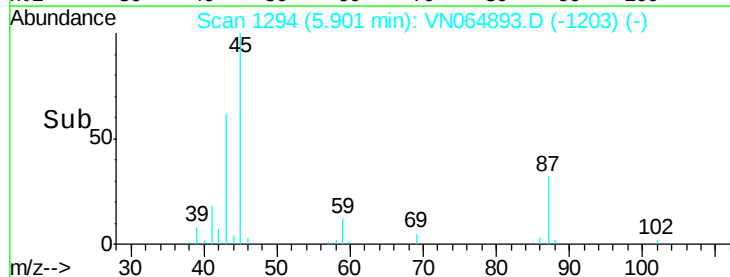
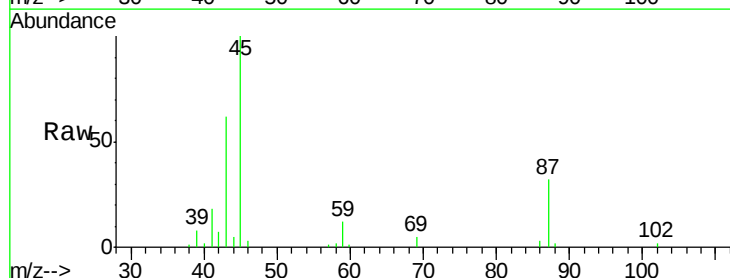
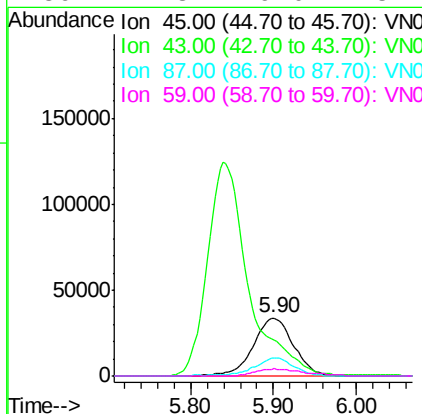
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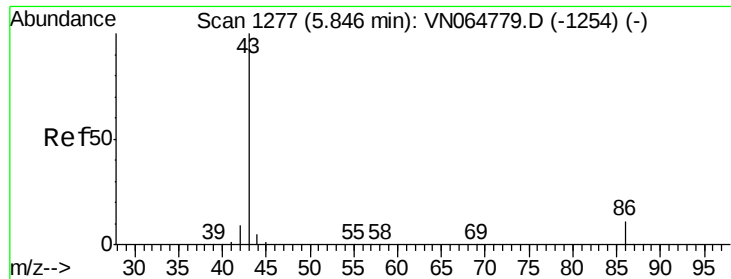
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#22
Diisopropyl ether
Concen: 18.777 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.2	69.2
87	31.6	24.1	36.1
59	12.3	9.0	13.4





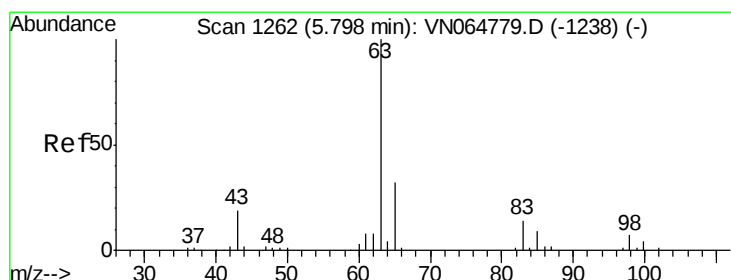
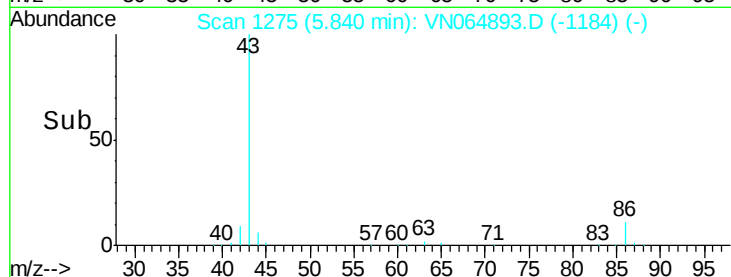
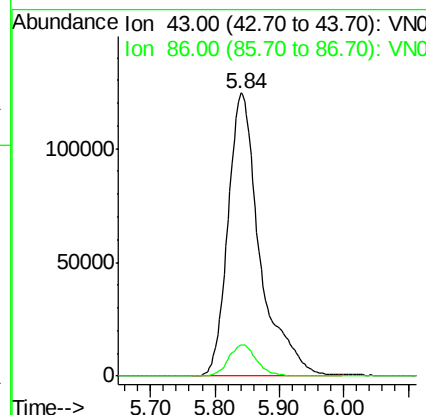
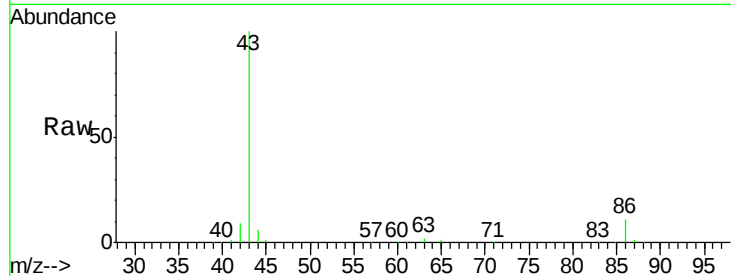
#23
 Vinyl Acetate
 Concen: 88.548 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1203WBSD01

Tot Ion	43	Resp	429582
Ion Ratio	100	Lower	Upper
43	100		
86	11.1	8.9	13.3

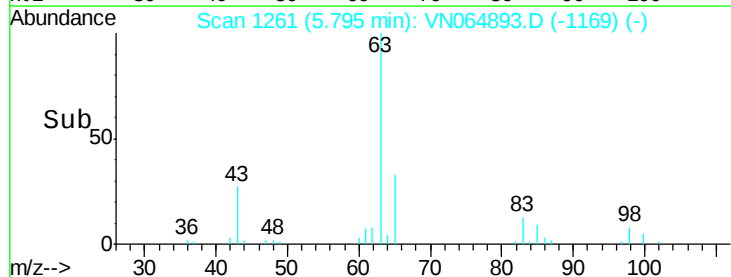
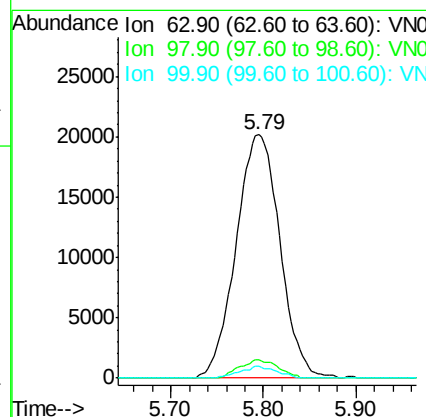
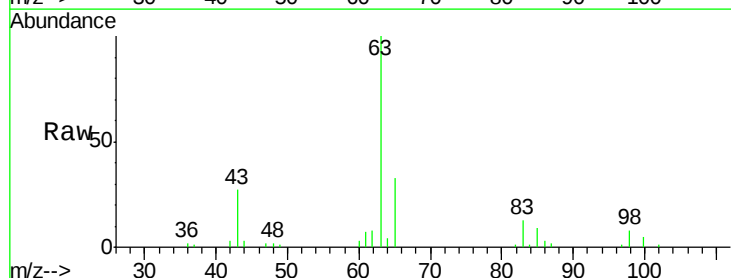
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 18.288 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	63	Resp	66306
Ion Ratio	100	Lower	Upper
63	100		
98	7.5	3.5	10.5
100	4.9	2.3	6.8





#25

2-Butanone

Concen: 82.237 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 43 Resp: 96550

Ion Ratio Lower Upper

43 100

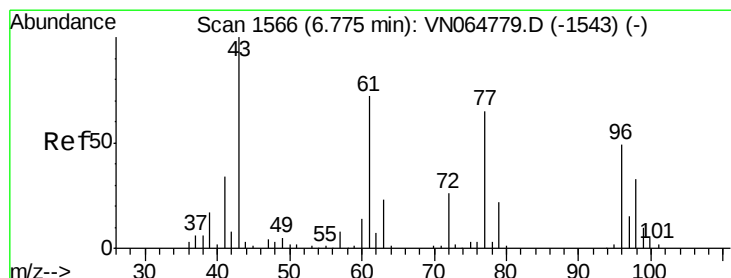
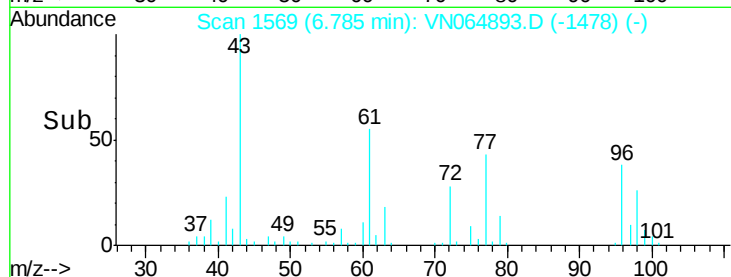
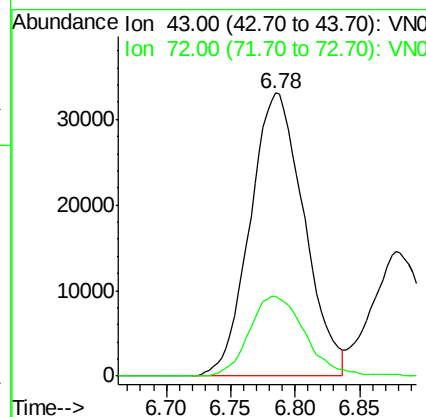
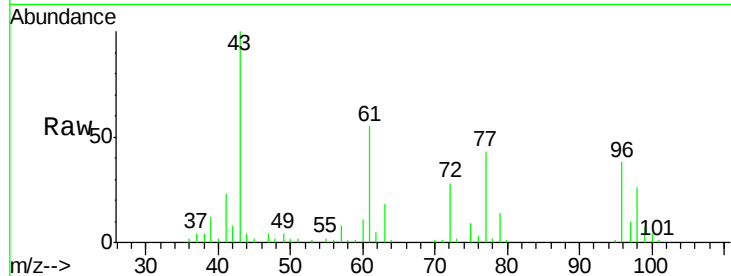
72 28.1 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.203 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064893.D

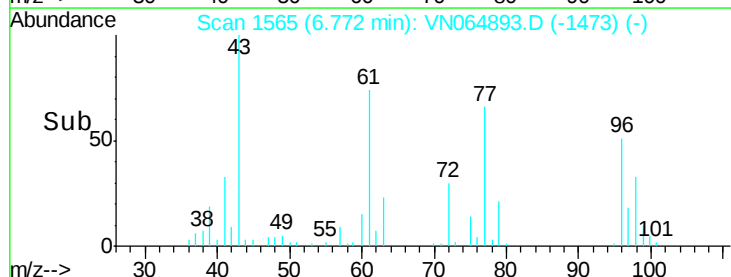
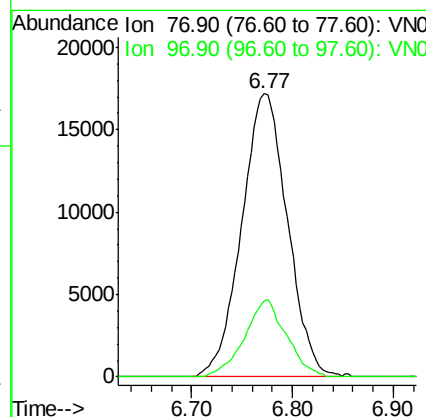
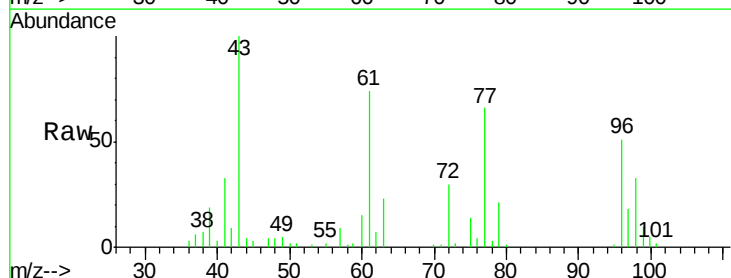
Acq: 3 Dec 2020 12:18

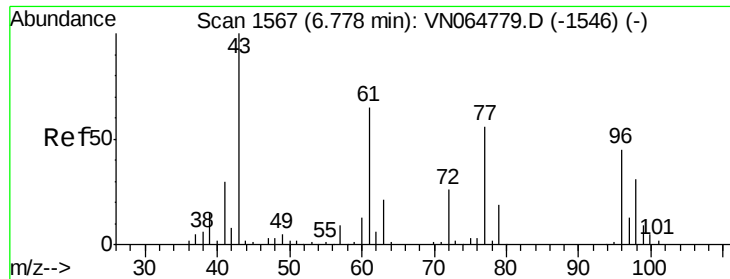
Tgt Ion: 77 Resp: 54096

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.827 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

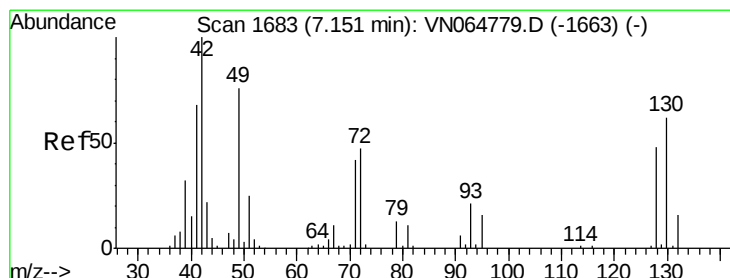
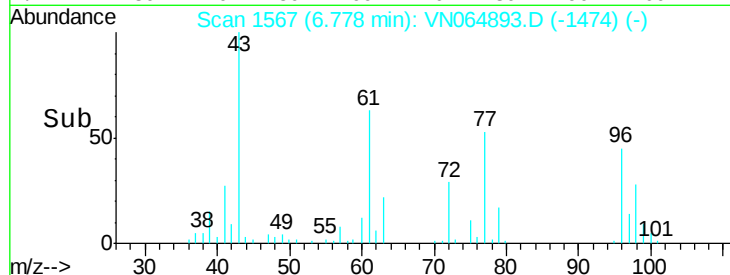
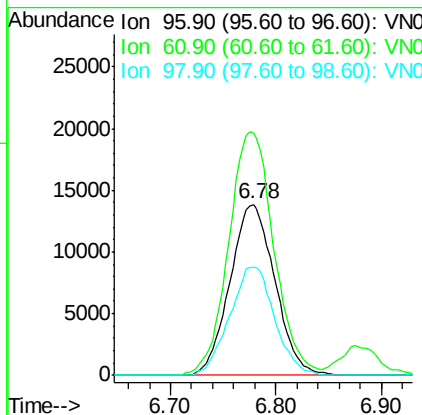
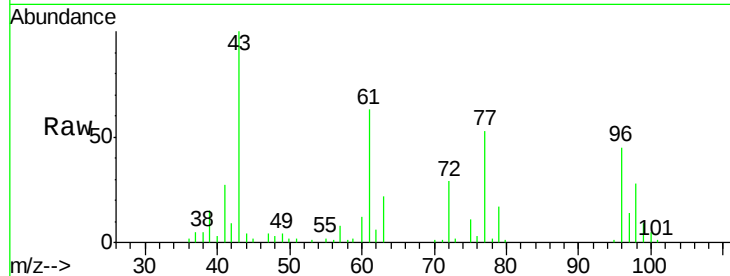
VN1203WBSD01

Tot Ion:	96	Resp:	40937
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	285.8
98	63.4	0.0	130.6

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#28

Bromochloromethane

Concen: 18.911 ug/l

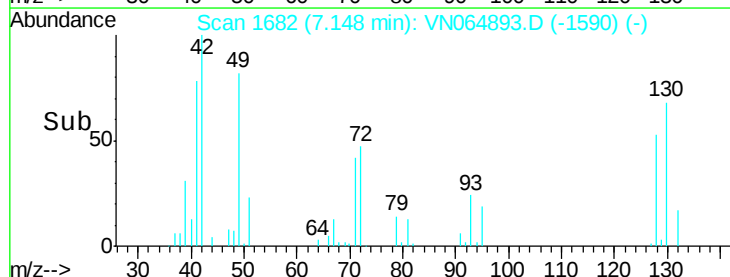
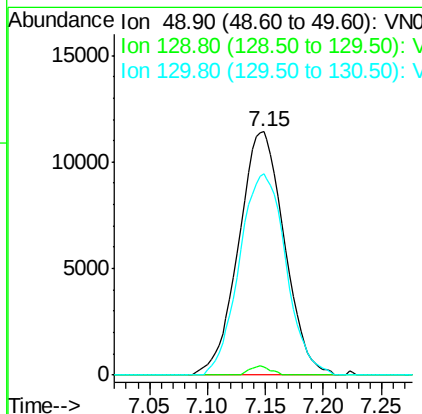
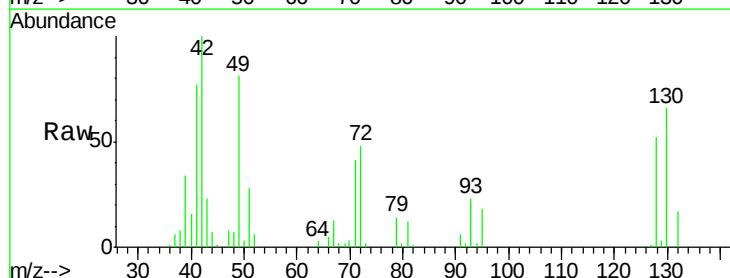
RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	49	Resp:	31367
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	84.2	66.2	99.2





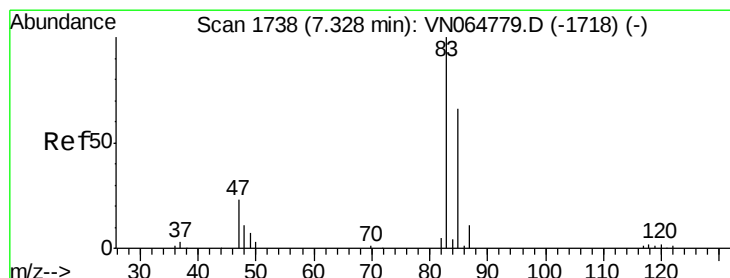
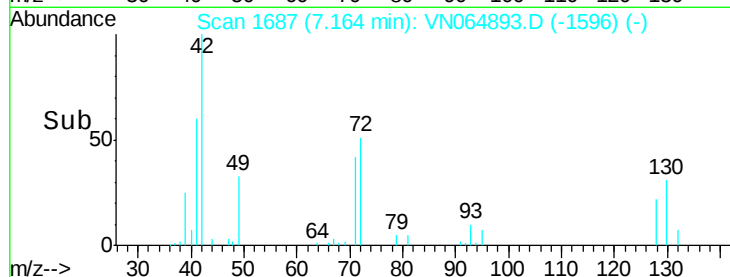
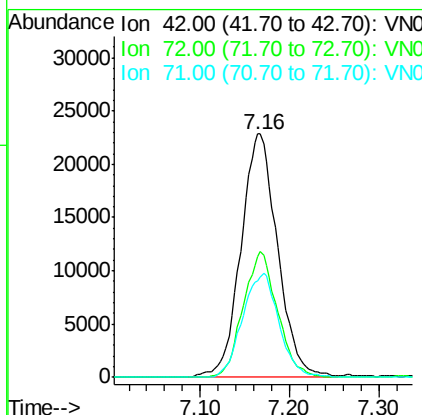
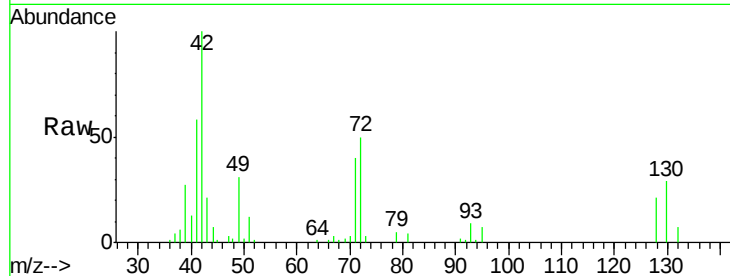
#29
Tetrahydrofuran
Concen: 80.451 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.6	54.8
71	42.4	33.6	50.4

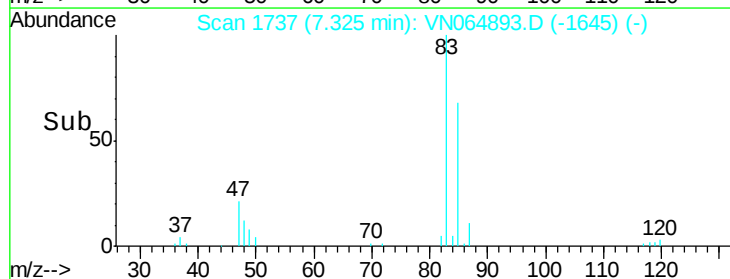
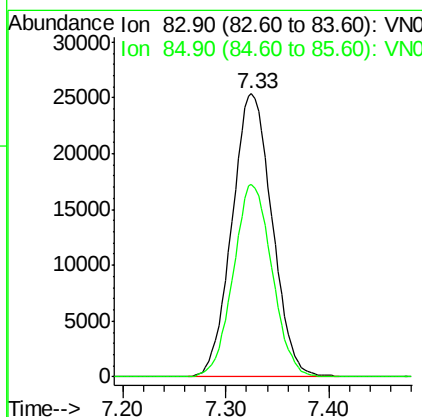
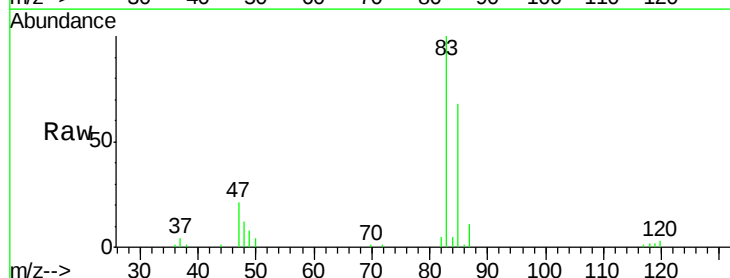
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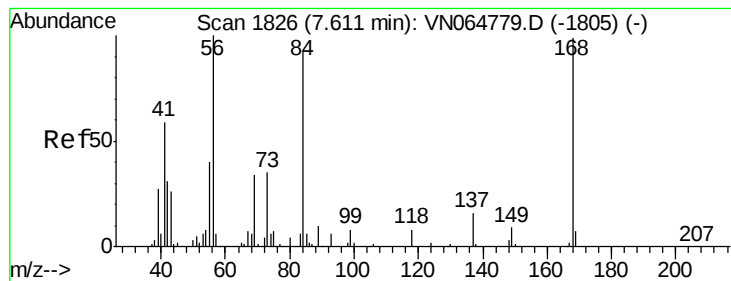
SAM
12/4/2020 5:43:41 PM



#30
Chloroform
Concen: 18.362 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.6	78.8





#31

Cyclohexane

Concen: 16.380 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

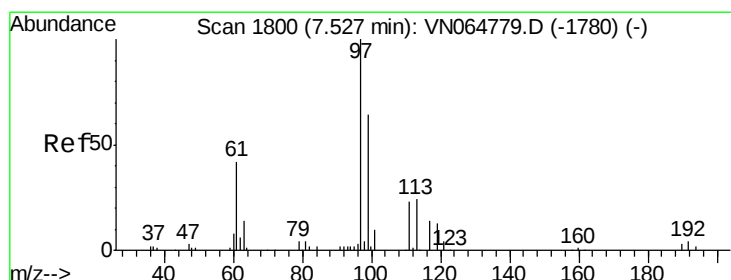
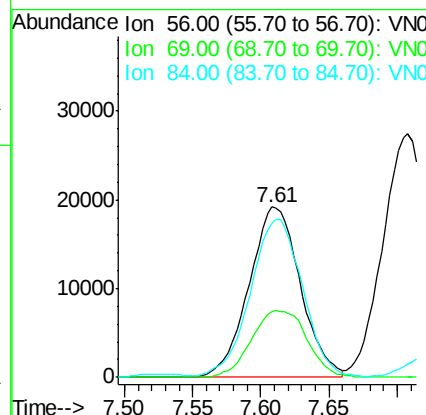
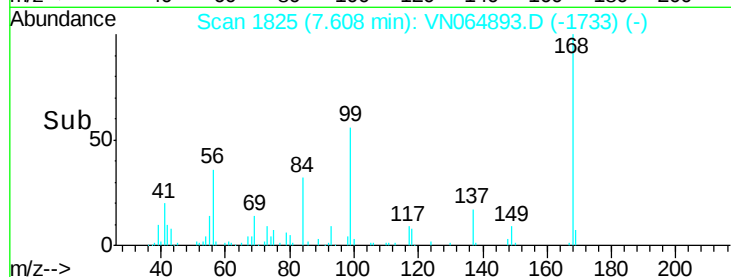
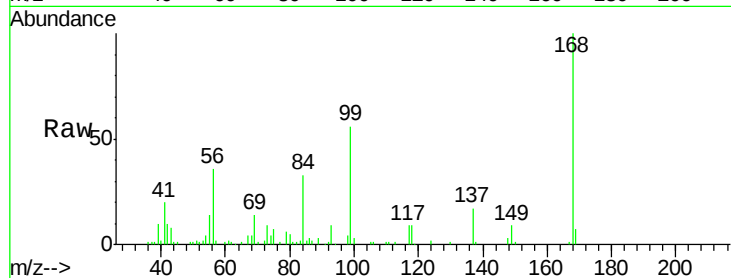
VN1203WBSD01

Tot Ion:	56	Resp:	50298
Ion Ratio	Lower	Upper	
56	100		
69	38.4	27.5	41.3
84	89.7	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 17.713 ug/l

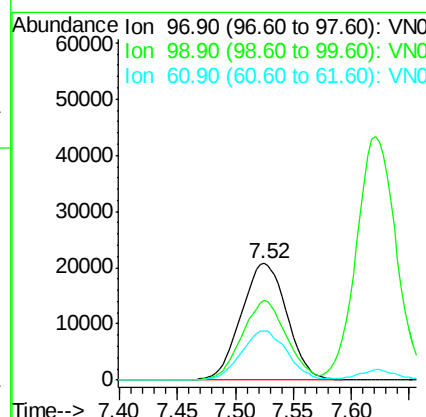
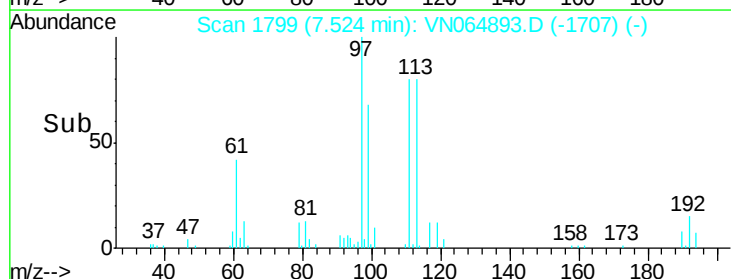
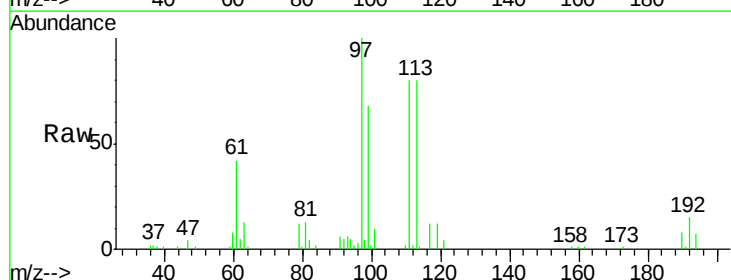
RT: 7.52 min Scan# 1799

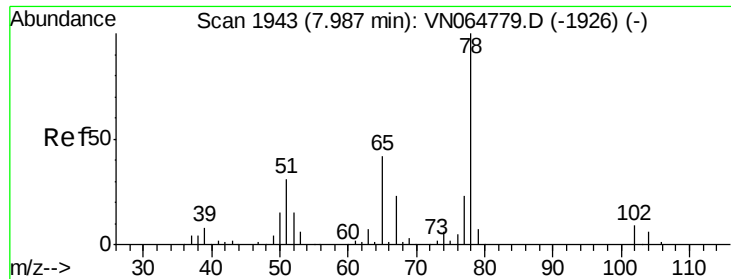
Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	97	Resp:	56881
Ion Ratio	Lower	Upper	
97	100		
99	66.6	51.7	77.5
61	42.5	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 49.705 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 65 Resp: 109509

Ion Ratio Lower Upper

65 100

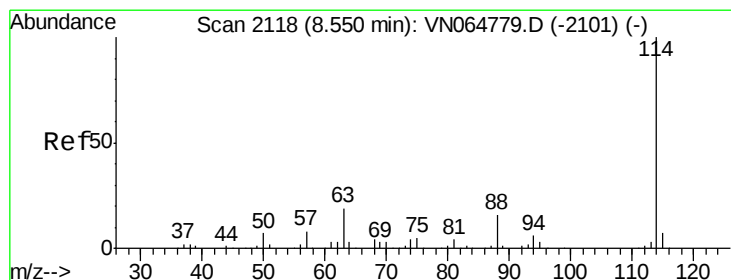
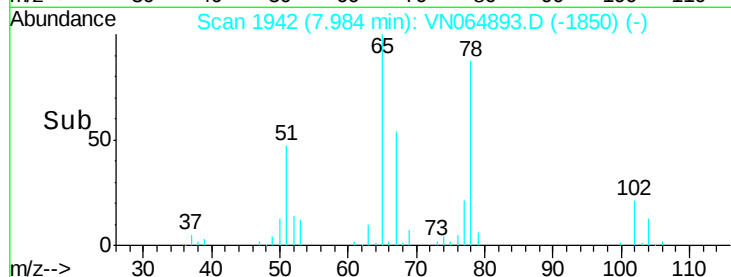
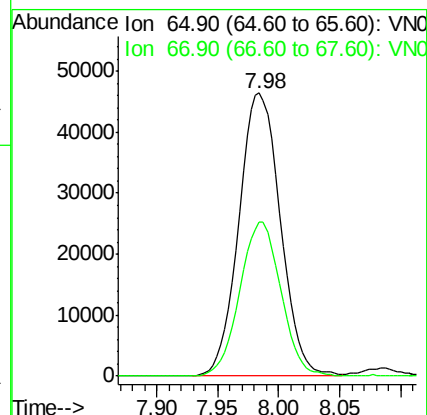
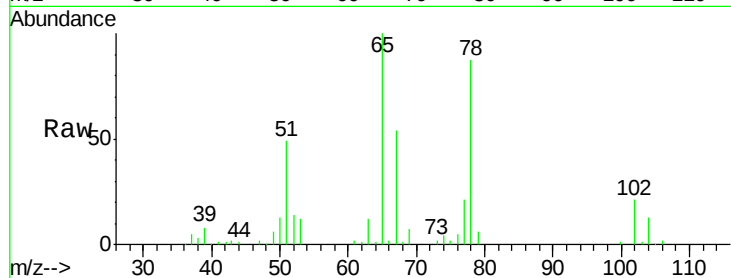
67 53.7 0.0 108.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

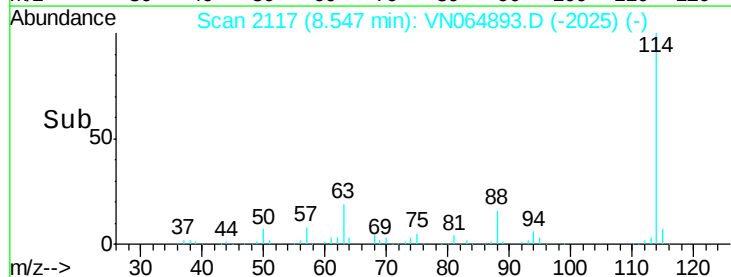
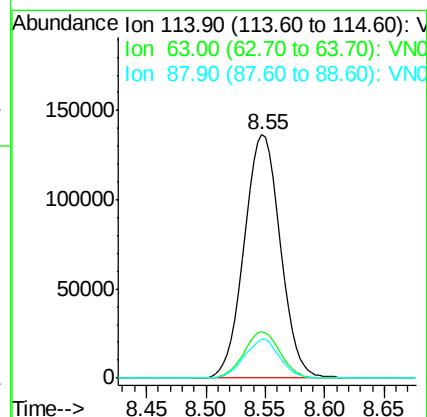
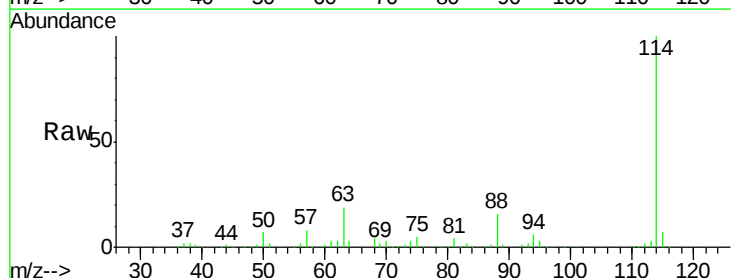
Tgt Ion: 114 Resp: 287915

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 15.8 0.0 32.6





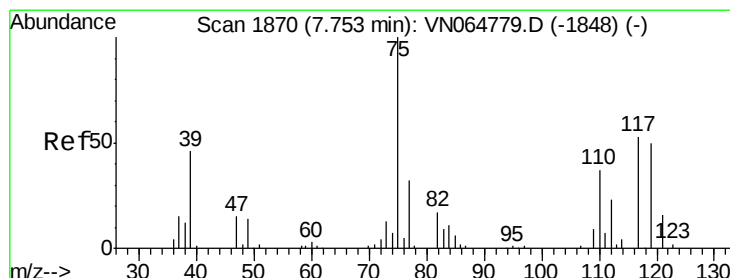
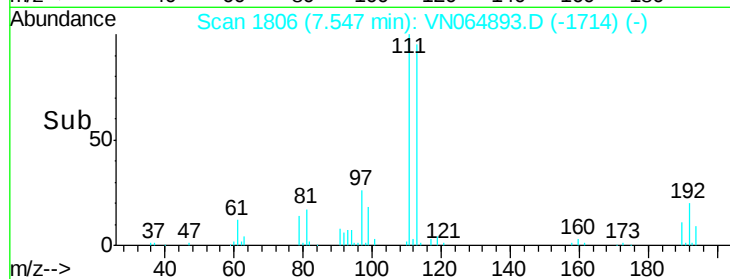
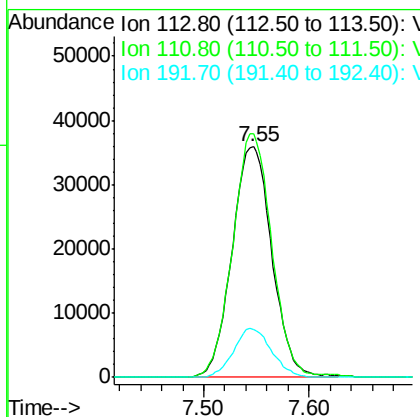
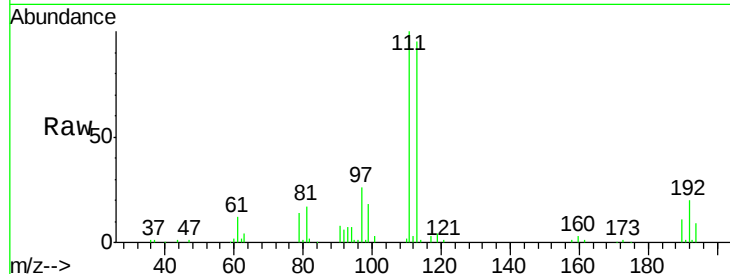
#35
 Dibromofluoromethane
 Concen: 54.767 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.0	16.2	24.2

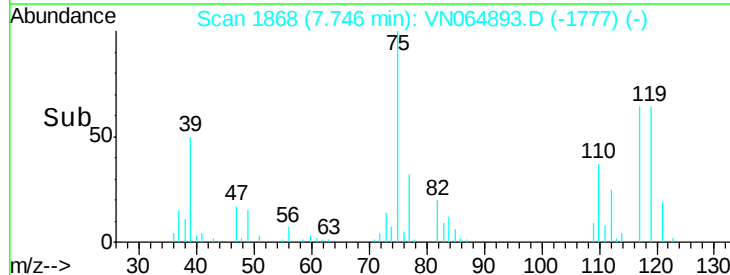
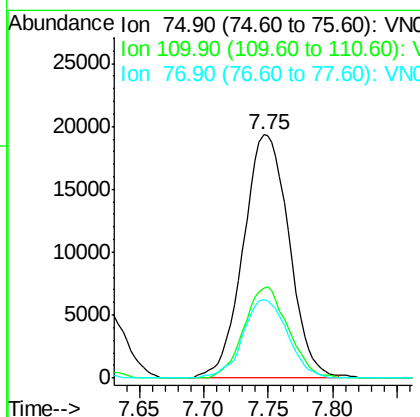
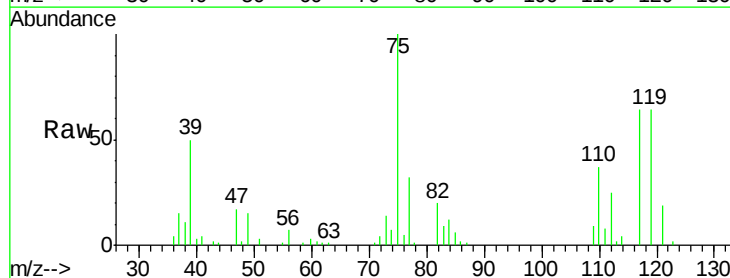
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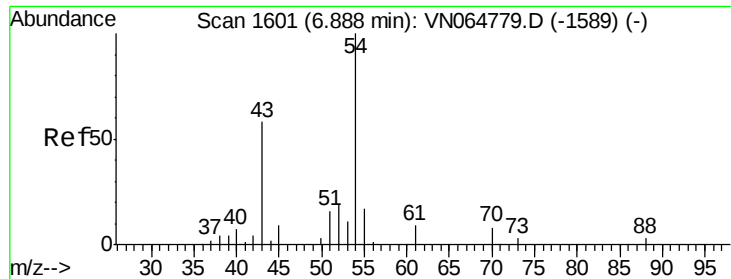
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#36
 1,1-Dichloropropene
 Concen: 17.907 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.3
77	31.7	25.0	37.4





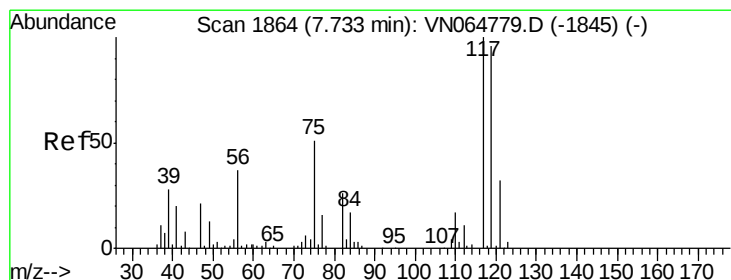
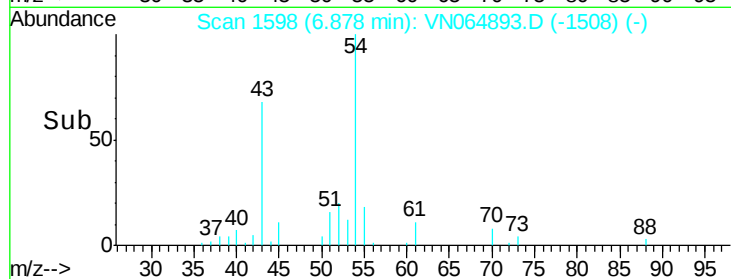
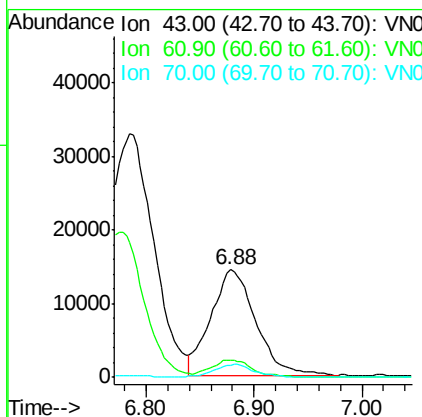
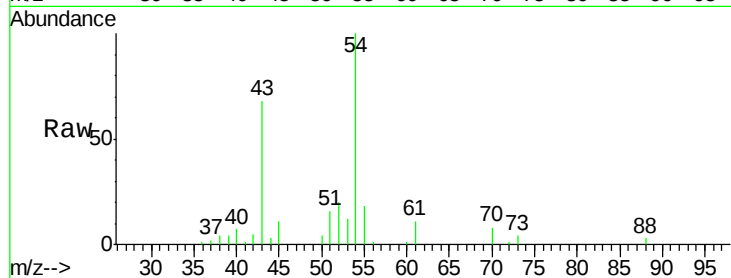
#37
Ethyl Acetate
Concen: 16.327 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	43	61	70
Resp	41972		
Ratio	100	15.0	10.6
Lower		12.8	8.8
Upper		19.2	13.2

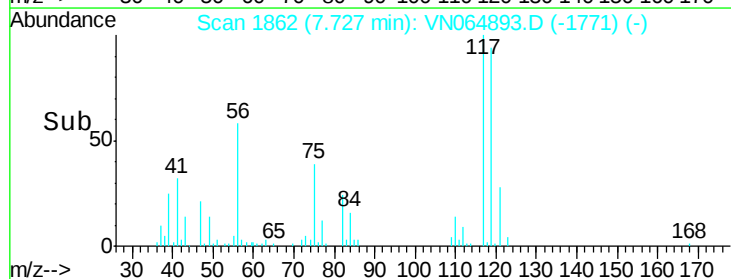
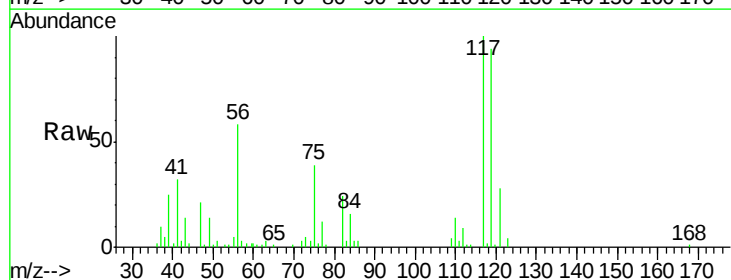
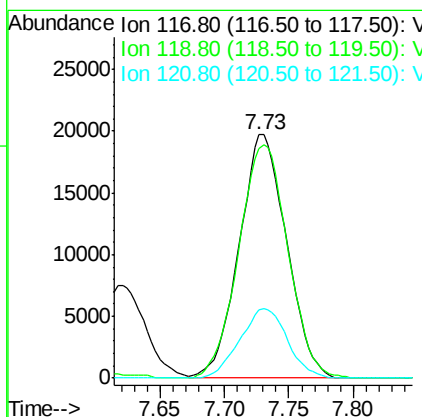
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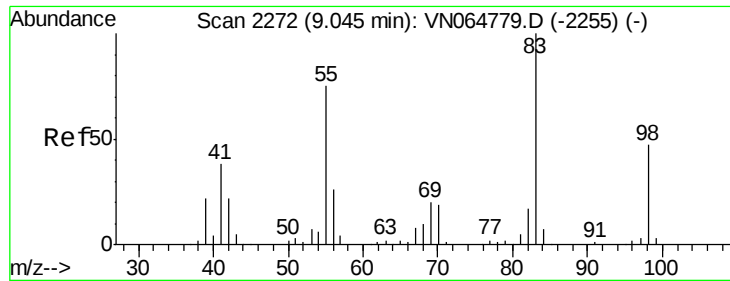
SAM
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#38
Carbon Tetrachloride
Concen: 18.237 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	117	119	121
Resp	50639		
Ratio	100	94.3	28.2
Lower		76.7	25.4
Upper		115.1	38.2





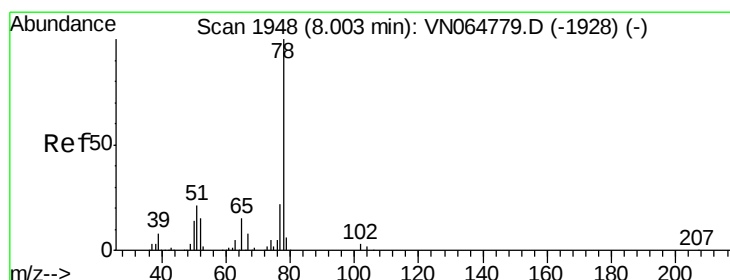
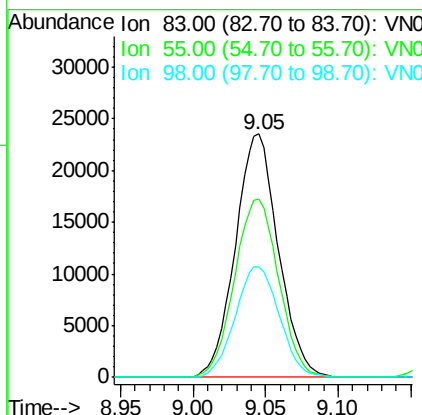
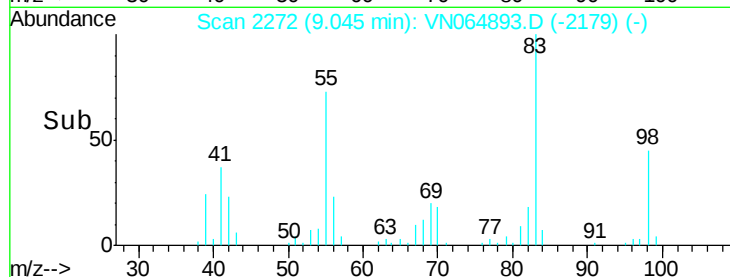
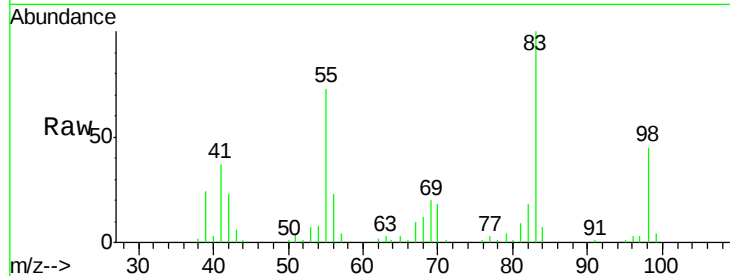
#39
Methvlcvclohexane
Concen: 16.876 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	60.2	90.2
98	45.3	37.4	56.2

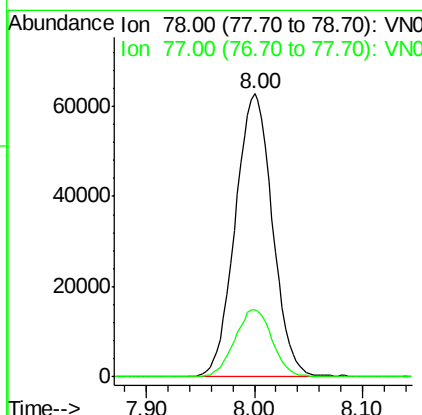
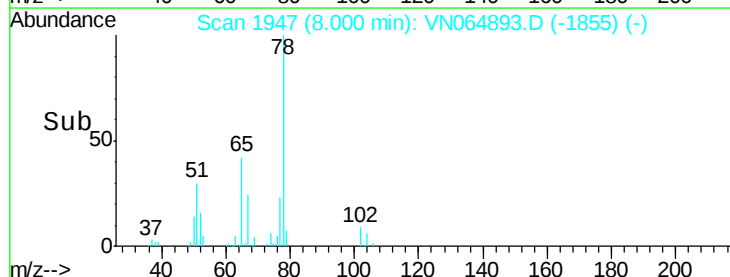
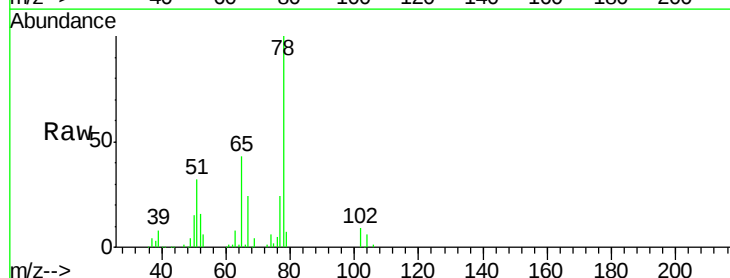
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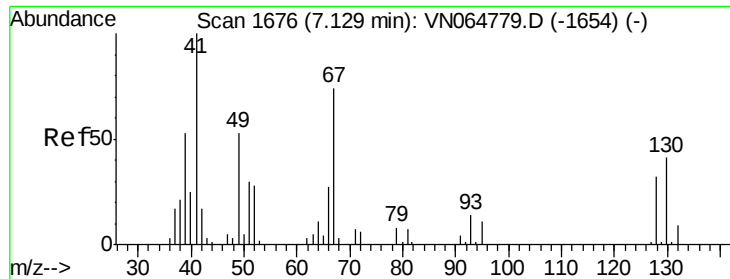
SAM
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#40
Benzene
Concen: 18.405 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.9	26.9





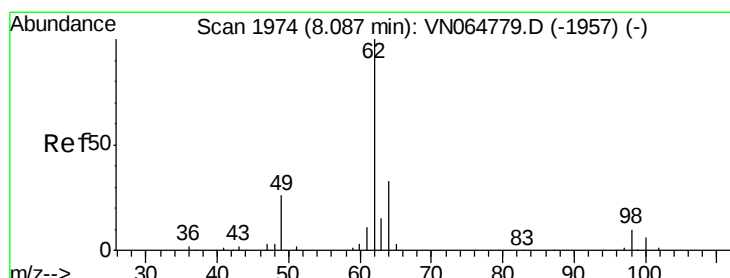
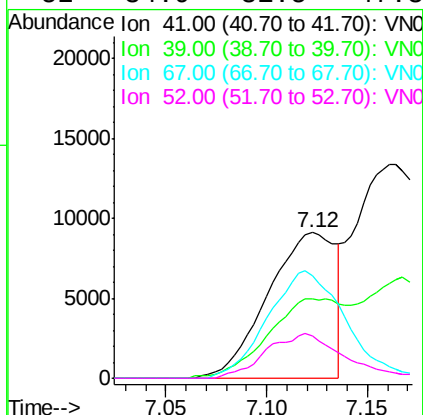
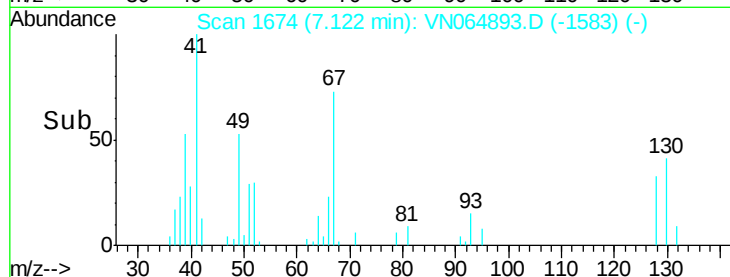
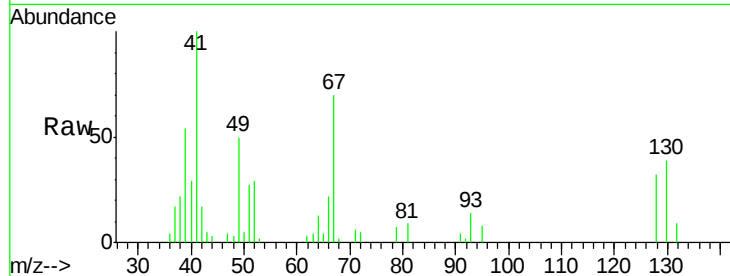
#41
Methacrylonitrile
Concen: 17.857 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion:	41	Resp:	21181
Ion	Ratio	Lower	Upper
41	100		
39	59.1	51.0	76.6
67	84.9	79.8	119.8
52	34.9	31.5	47.3

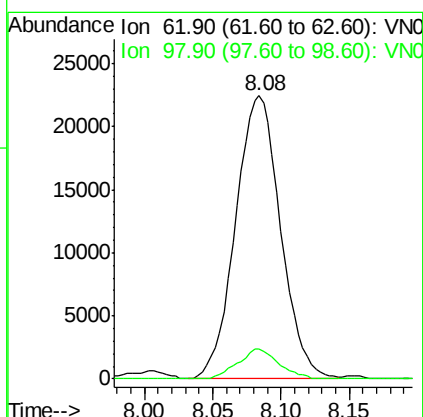
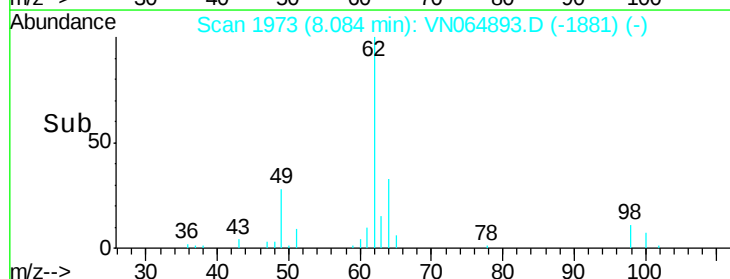
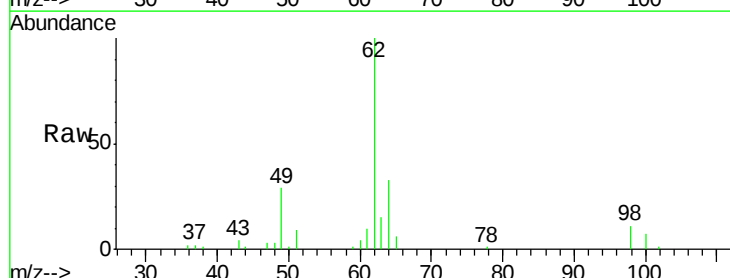
Manual Integrations
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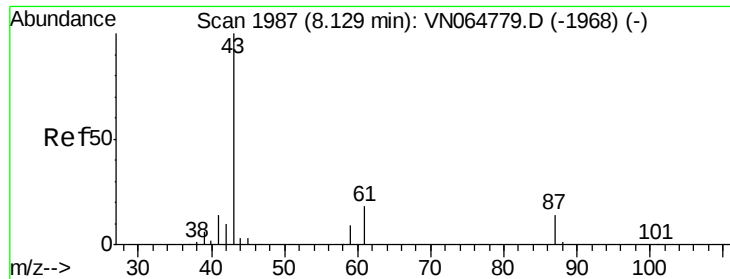
SAM
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#42
1,2-Dichloroethane
Concen: 18.648 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion:	62	Resp:	51446
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





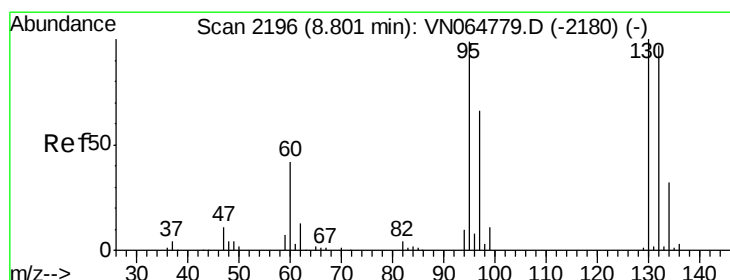
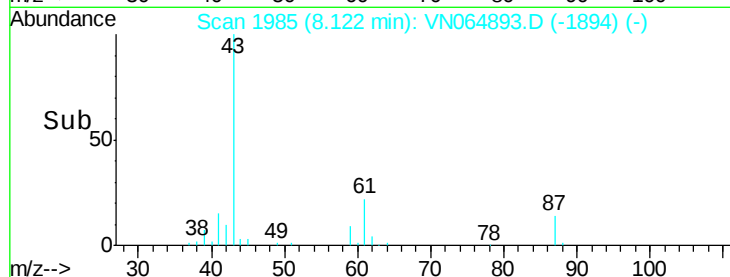
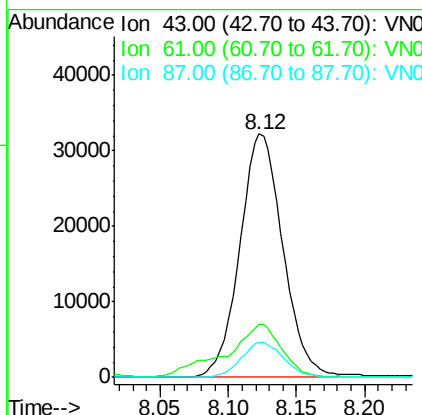
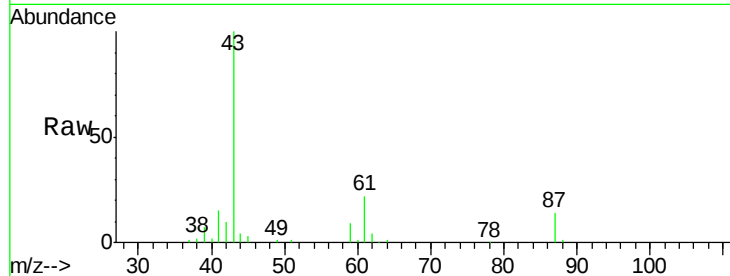
#43
Isopropyl Acetate
Concen: 17.066 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	17.2	25.8#
87	13.9	11.4	17.0

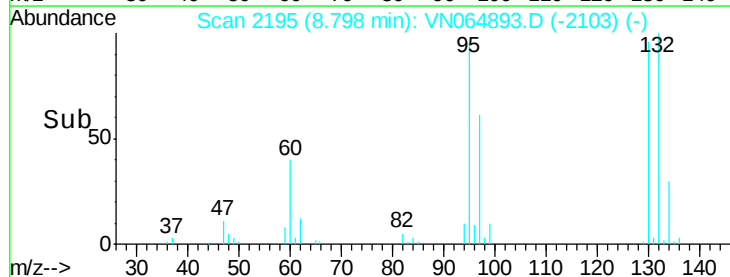
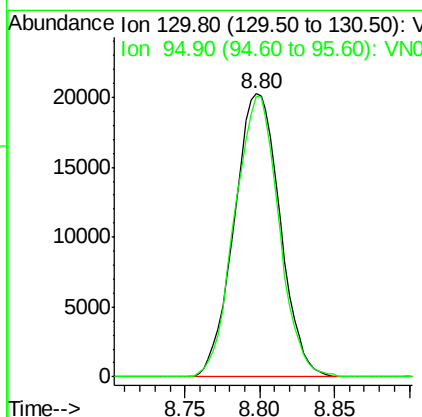
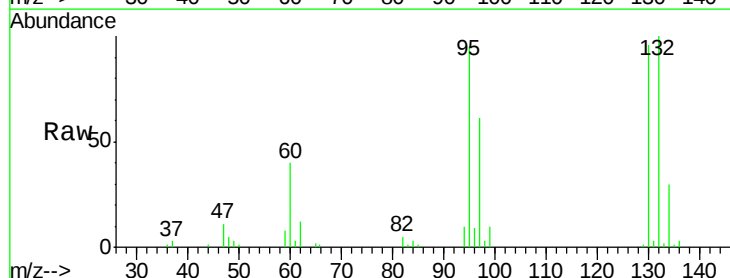
Manual Integrations
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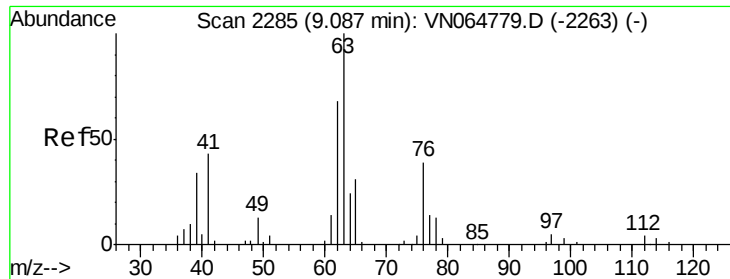
SAM
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#44
Trichloroethene
Concen: 17.897 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	197.8





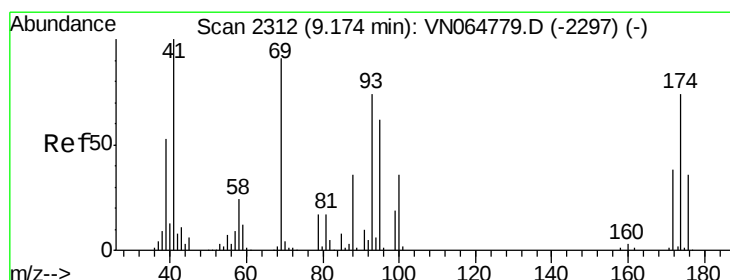
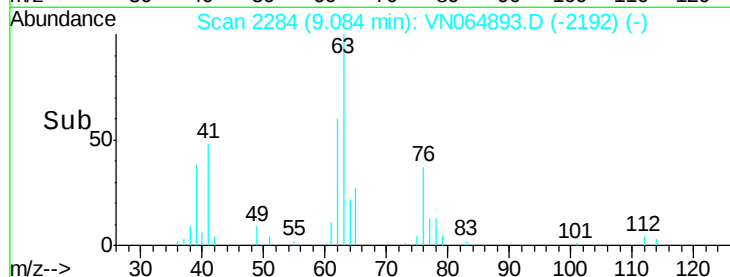
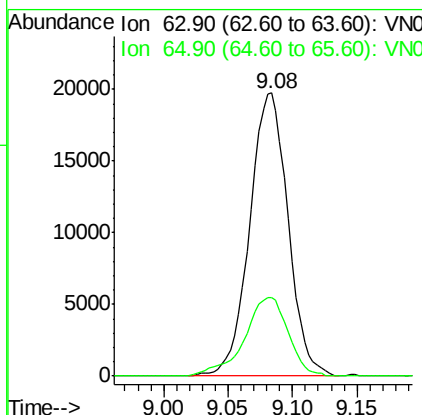
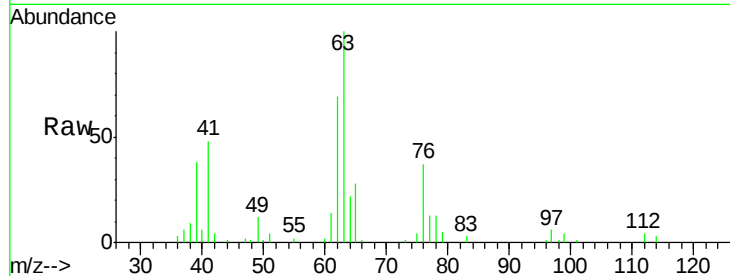
#45
 1,2-Dichloropropane
 Concen: 19.360 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion: 63 Resp: 41000
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.4

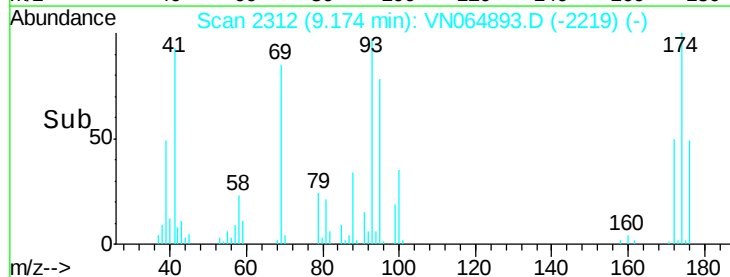
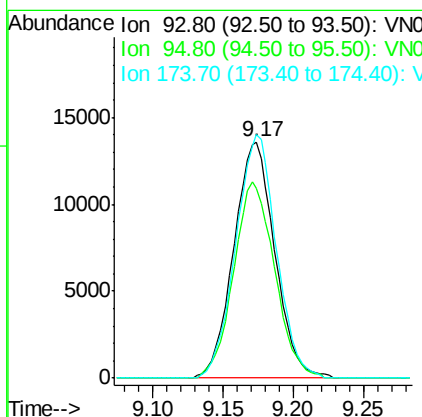
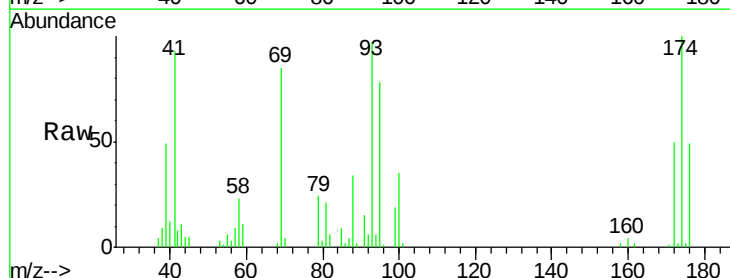
Manual Integrations
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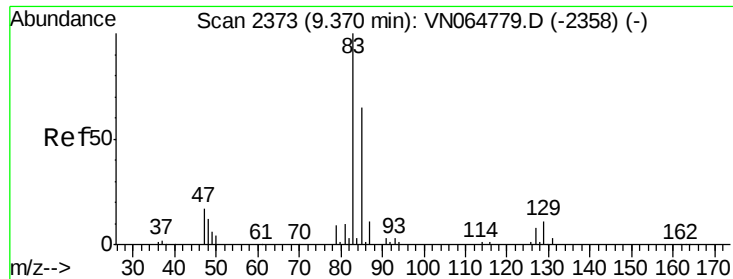
SAM
 12/4/2020 5:43:41 PM



#46
 Dibromomethane
 Concen: 19.562 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 93 Resp: 27677
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.8 103.2
 174 101.7 83.1 124.7





#47

Bromodichloromethane

Concen: 18.833 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

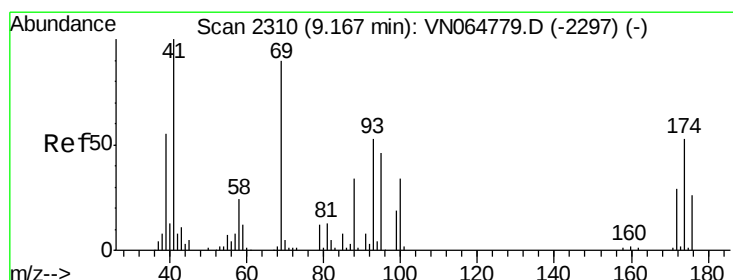
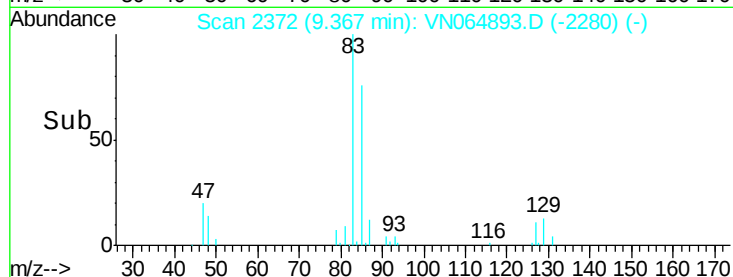
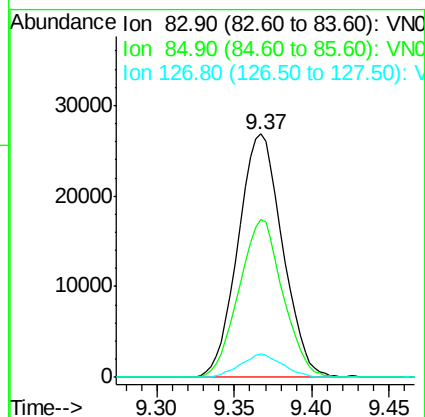
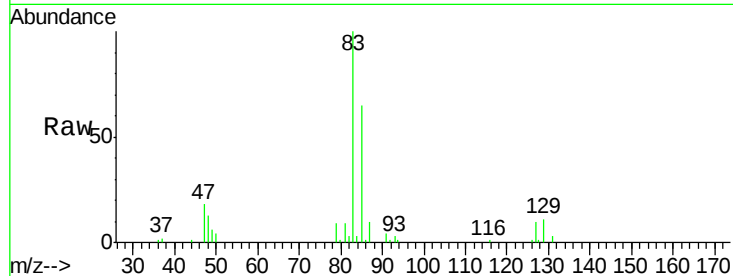
VN1203WBSD01

Tot Ion:	83	Resp:	53613
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8
127	9.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 16.712 ug/l

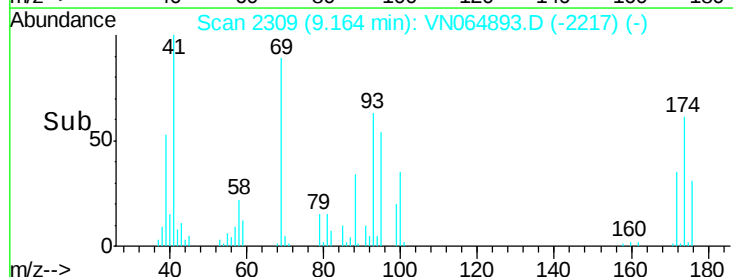
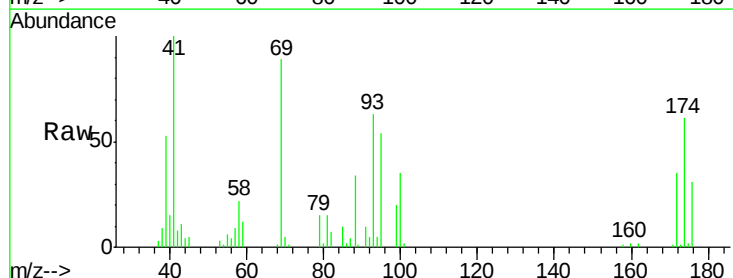
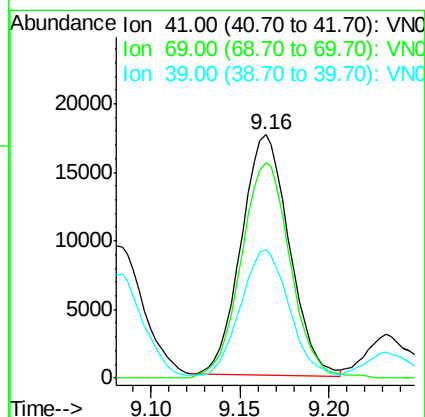
RT: 9.16 min Scan# 2309

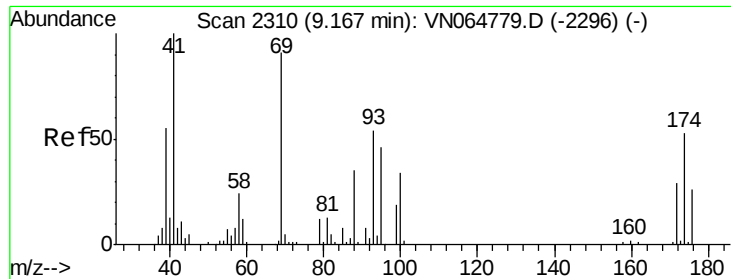
Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	41	Resp:	33033
Ion	Ratio	Lower	Upper
41	100		
69	91.5	71.8	107.8
39	54.8	44.1	66.1





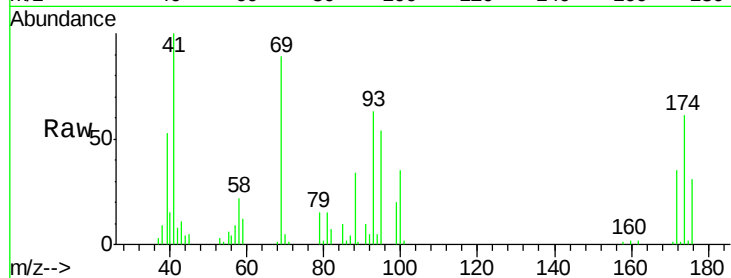
#49
1,4-Dioxane
Concen: 330.053 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.2	36.4
58	66.0	52.5	78.7

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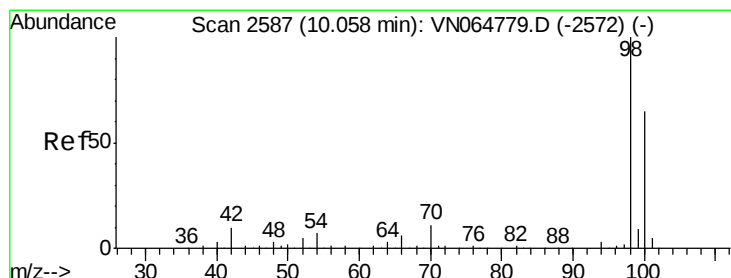
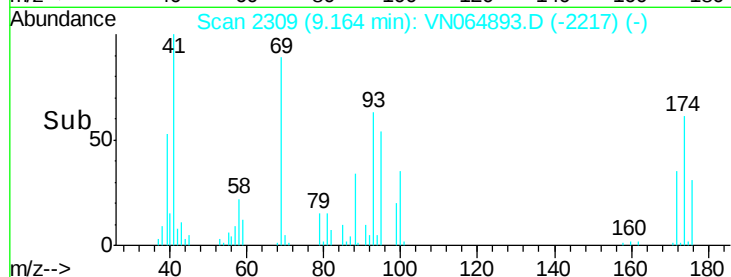
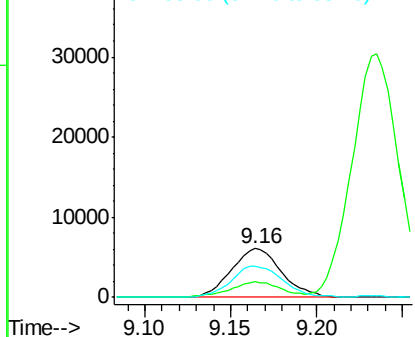


Abundance

Ion 88.00 (87.70 to 88.70): VN064893.D (-2217) (-)

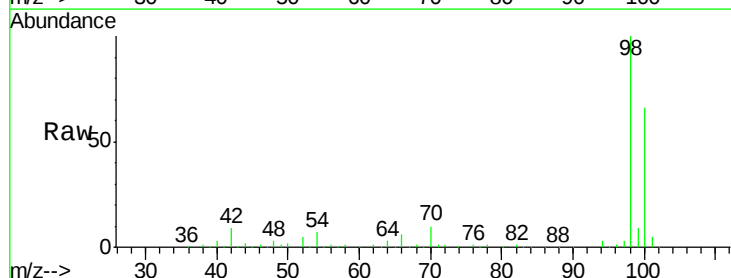
Ion 43.00 (42.70 to 43.70): VN064893.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064893.D (-2217) (-)



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

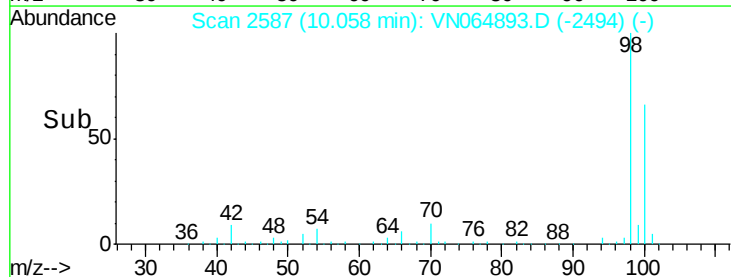
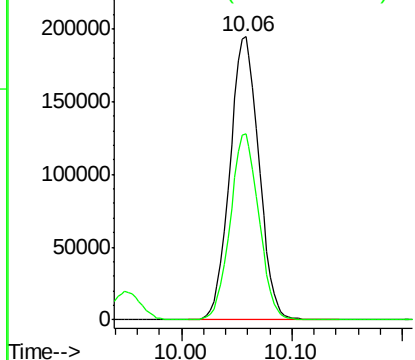
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5



Abundance

Ion 98.00 (97.70 to 98.70): VN064893.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064893.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 85.936 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VN1203WBSD01

Tot Ion: 43 Resp: 213409

Ion Ratio Lower Upper

43 100

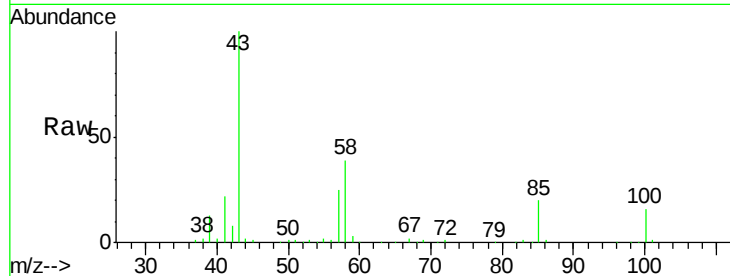
58 39.6 32.4 48.6

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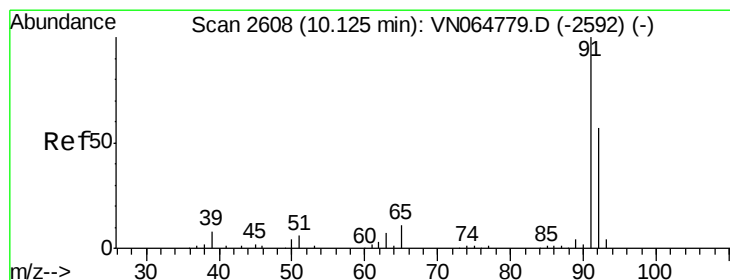
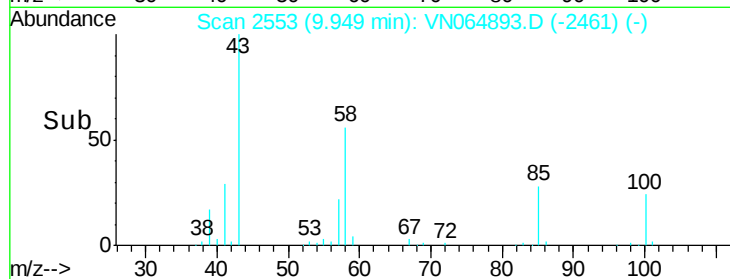
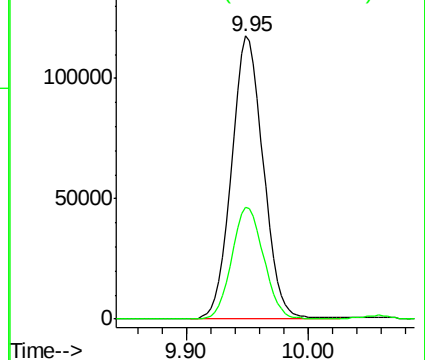
SAM

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.543 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064893.D

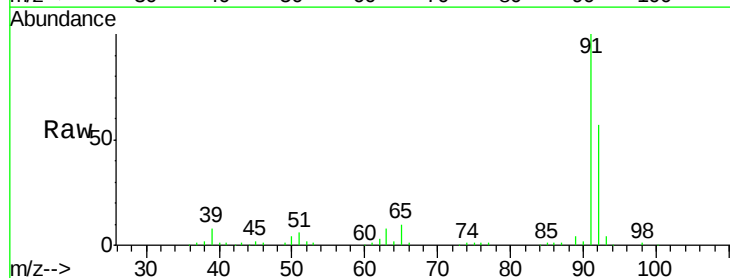
Acq: 3 Dec 2020 12:18

Tgt Ion: 92 Resp: 93385

Ion Ratio Lower Upper

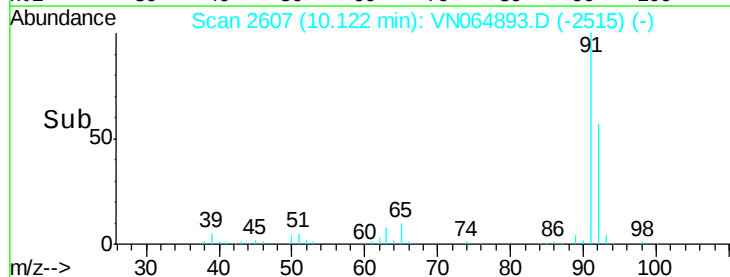
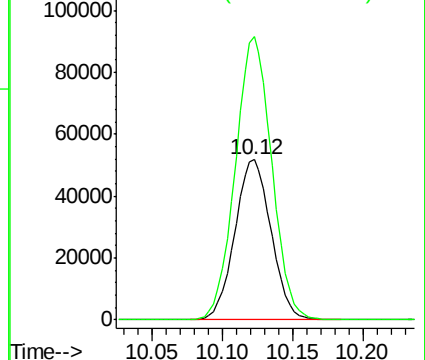
92 100

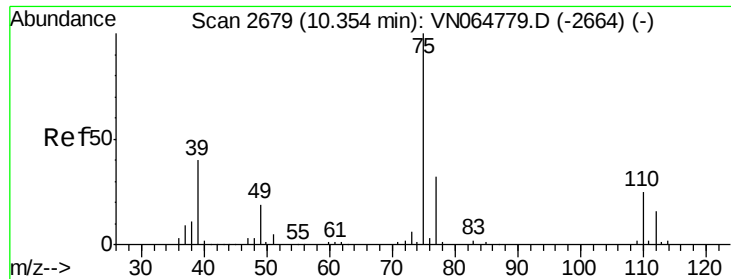
91 177.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





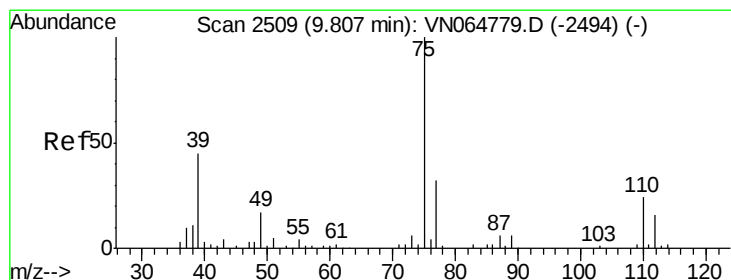
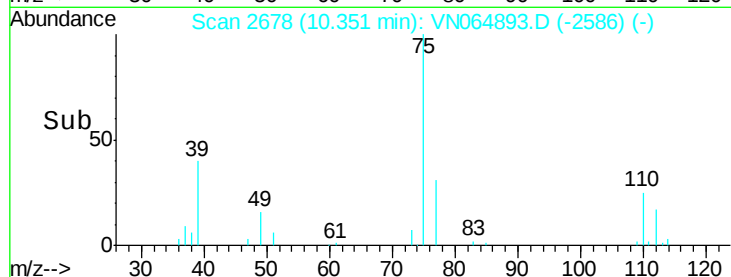
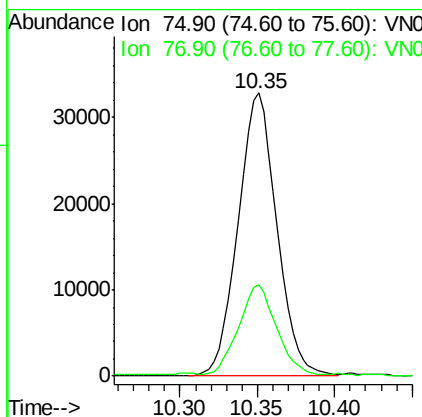
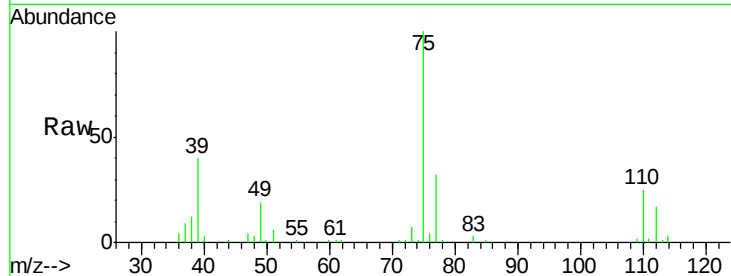
#53
t-1,3-Dichloropropene
Concen: 18.068 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

Tot Ion: 75 Resp: 57289
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6

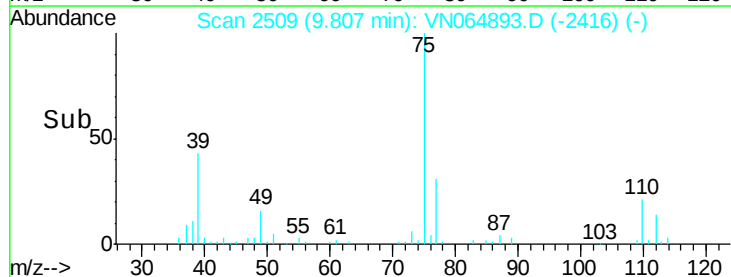
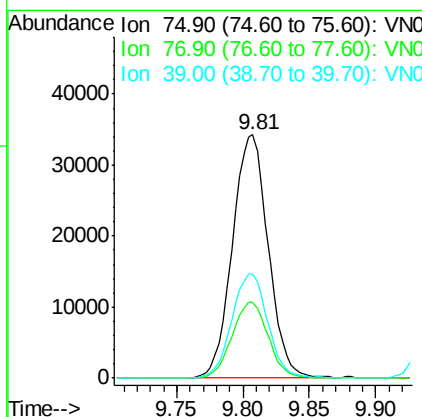
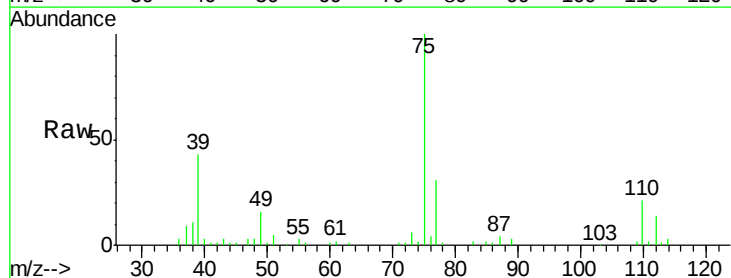
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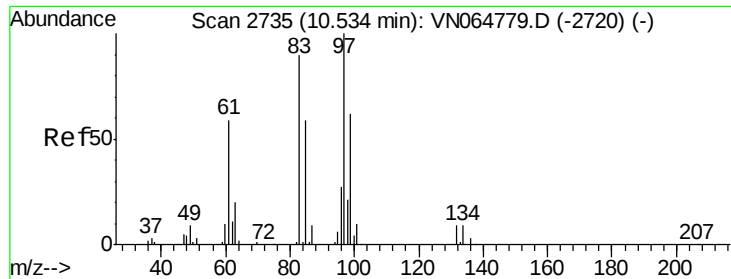
SAM
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#54
cis-1,3-Dichloropropene
Concen: 18.887 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 75 Resp: 64191
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3
39 43.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 18.863 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

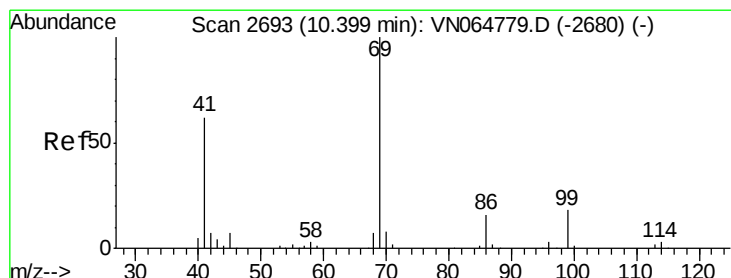
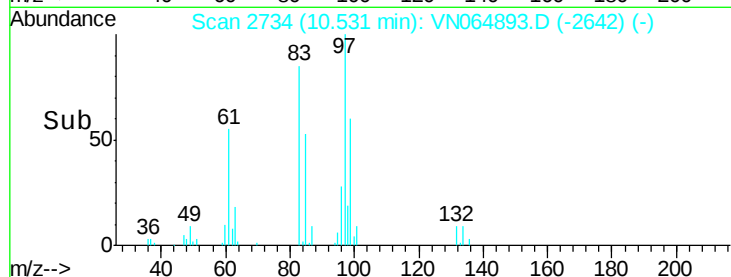
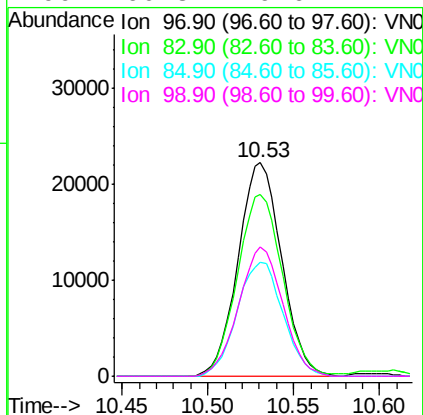
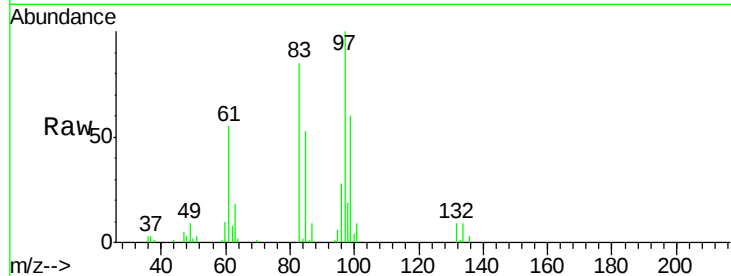
VN1203WBSD01

Tot Ion:	97	Resp:	39064
Ion	Ratio	Lower	Upper
97	100		
83	85.3	72.1	108.1
85	53.3	46.8	70.2
99	60.3	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.350 ug/l

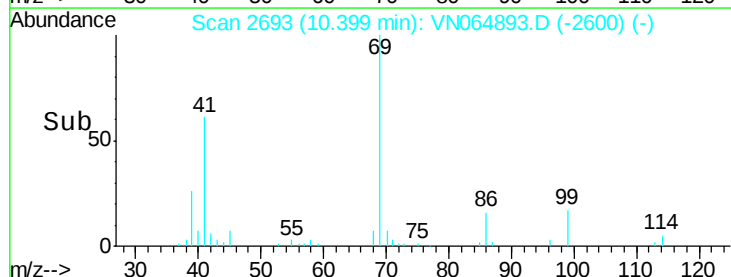
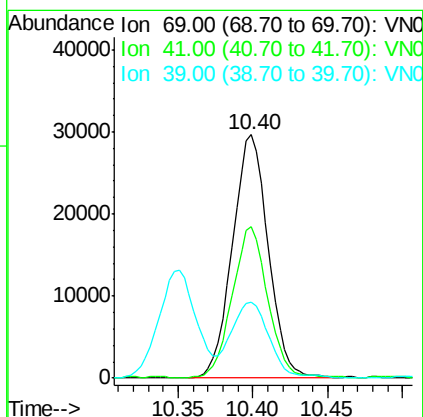
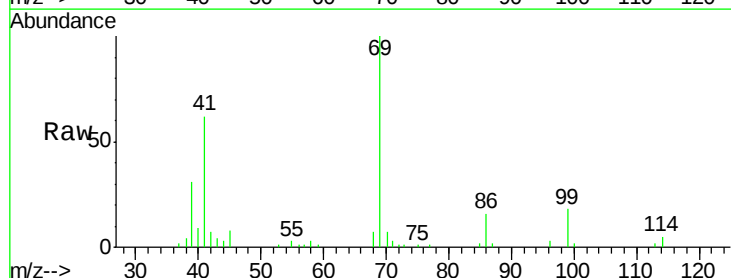
RT: 10.40 min Scan# 2693

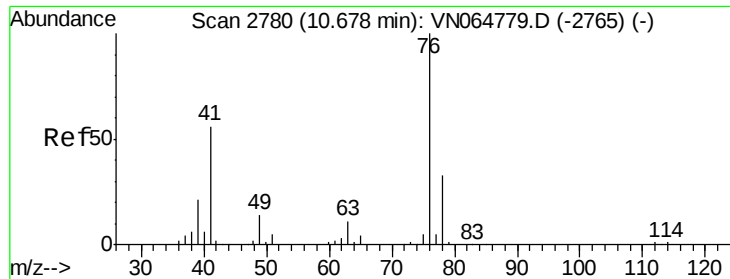
Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	69	Resp:	49583
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.4	74.0
39	33.0	25.9	38.9





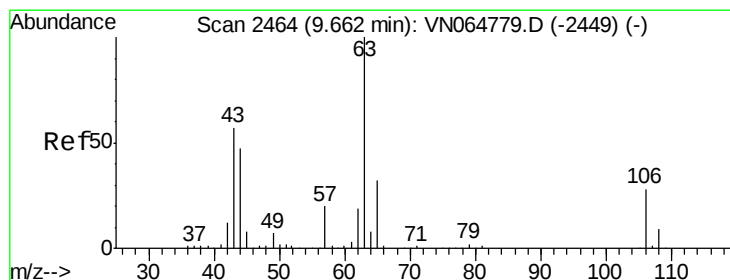
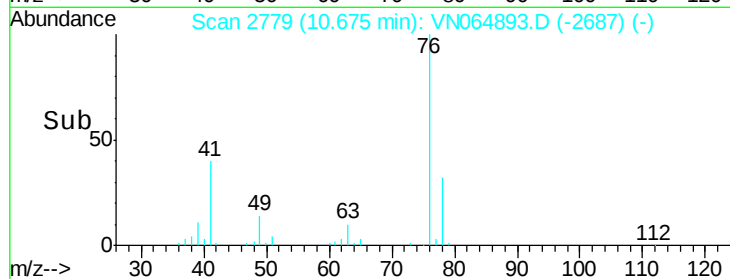
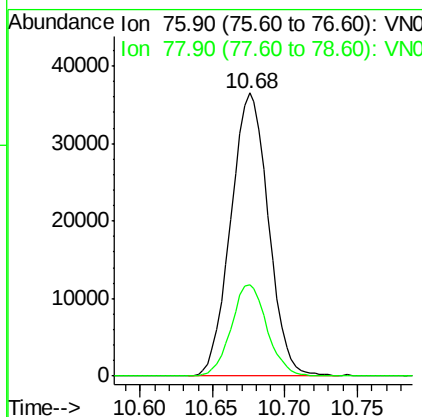
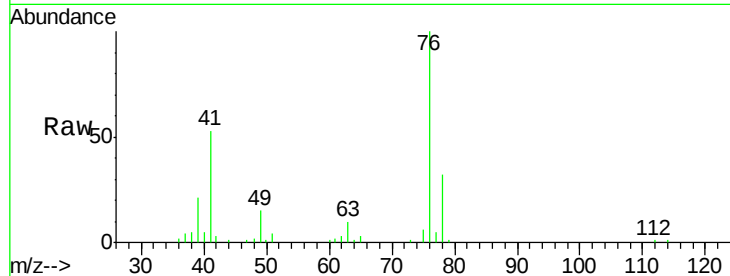
#57
 1,3-Dichloropropane
 Concen: 19.242 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion: 76 Resp: 65734
 Ion Ratio Lower Upper
 76 100
 78 30.5 26.1 39.1

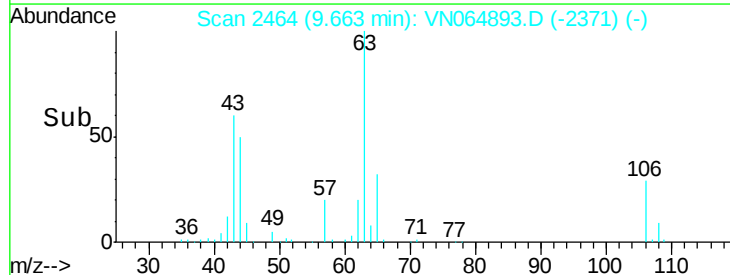
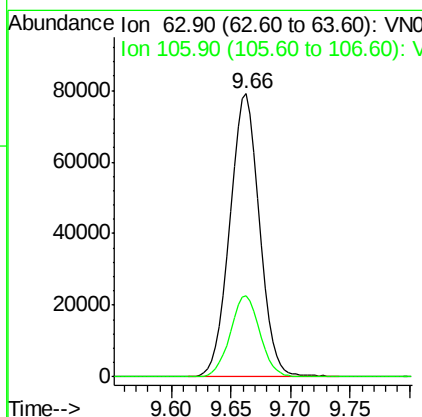
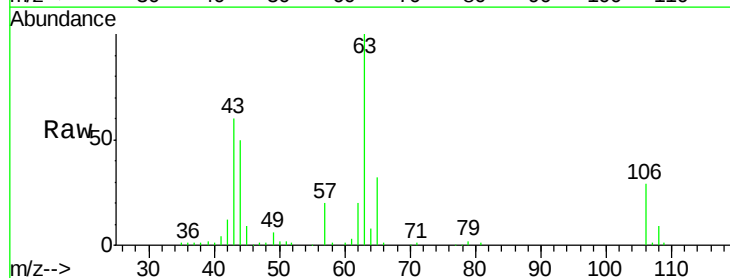
Manual Integrations
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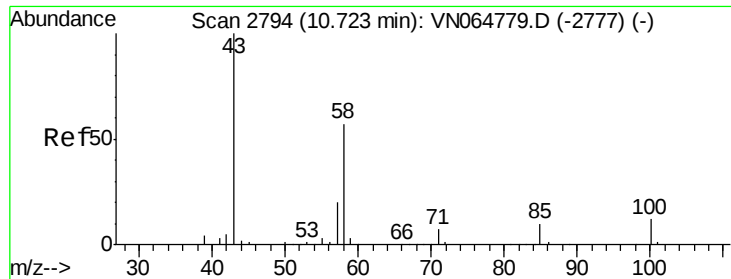
SAM
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.072 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion: 63 Resp: 136877
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





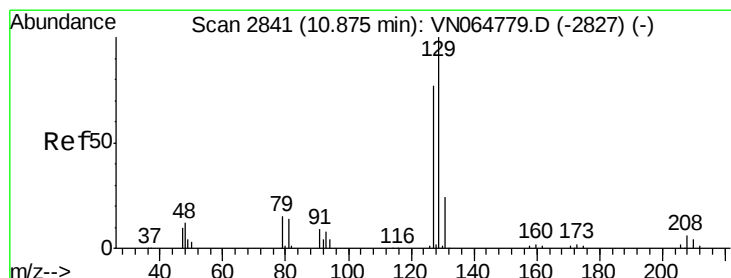
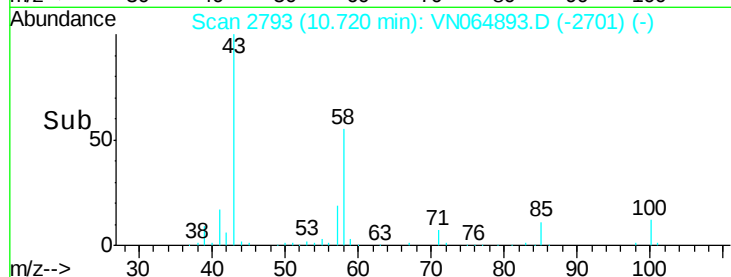
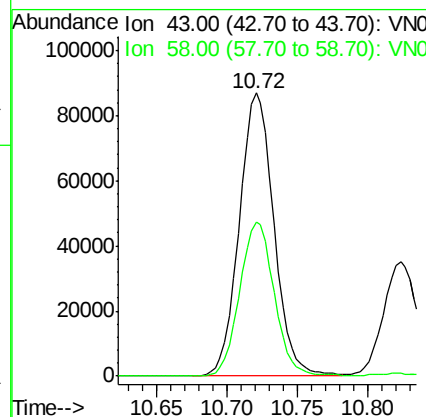
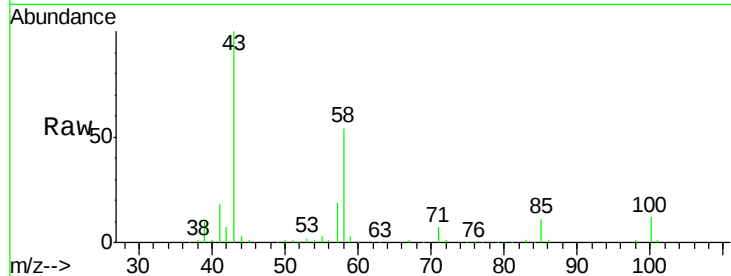
#59
2-Hexanone
Concen: 83.883 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 43 Resp: 149918
Ion Ratio Lower Upper
43 100
58 54.3 28.3 84.9

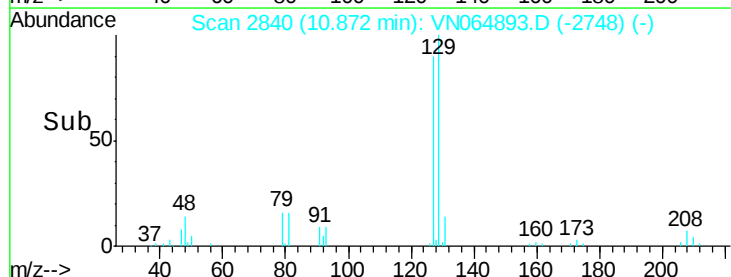
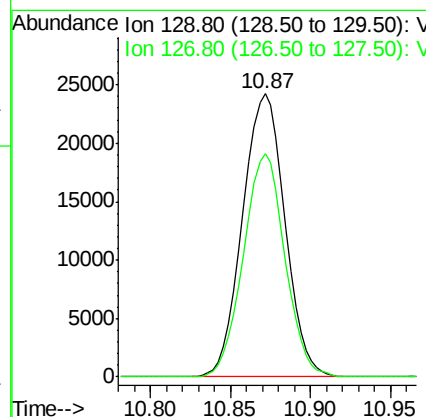
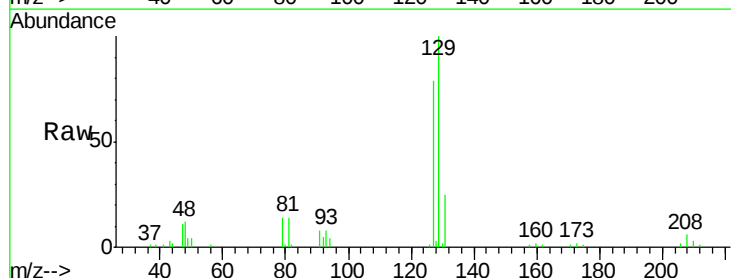
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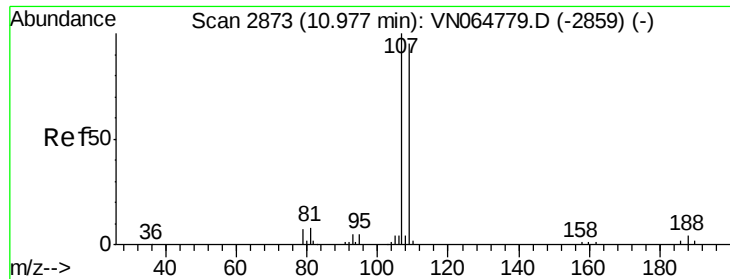
SAM
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#60
Dibromochloromethane
Concen: 19.033 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 129 Resp: 43814
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





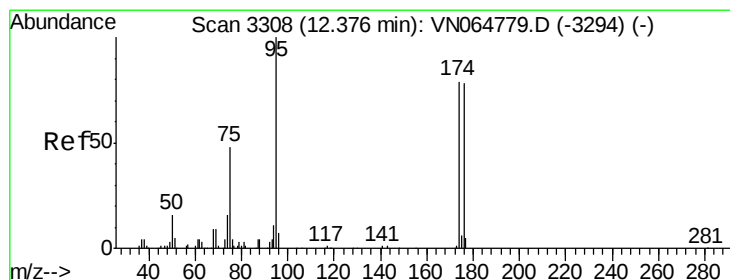
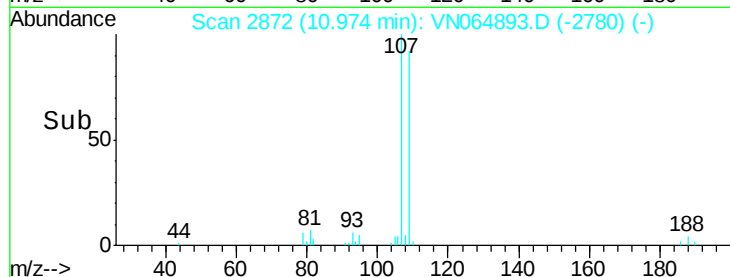
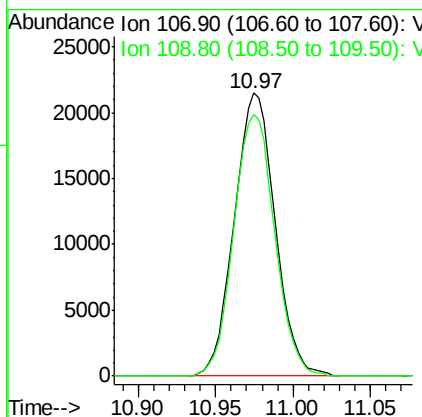
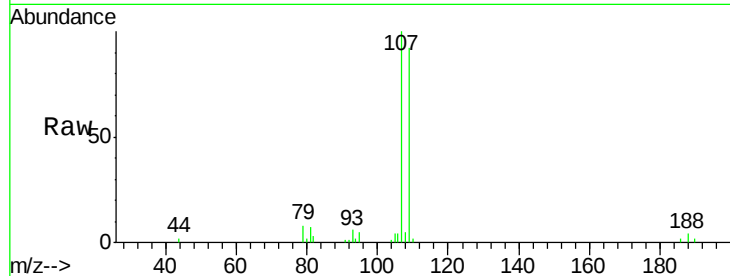
#61
 1,2-Dibromoethane
 Concen: 18.736 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	76.0	114.0

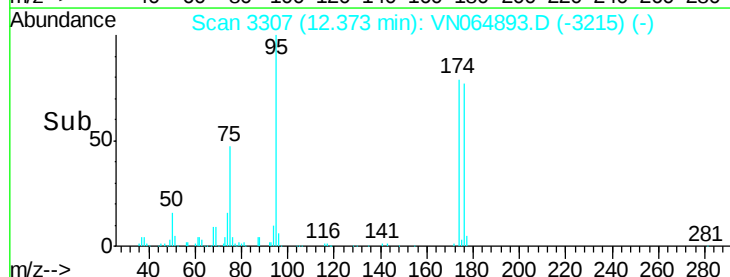
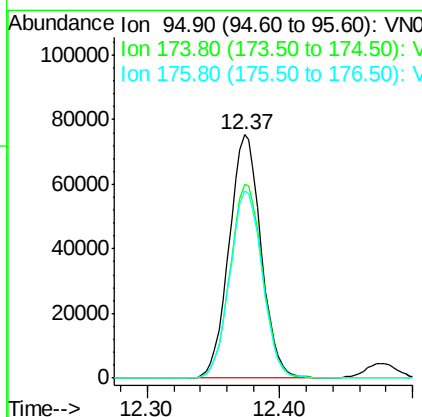
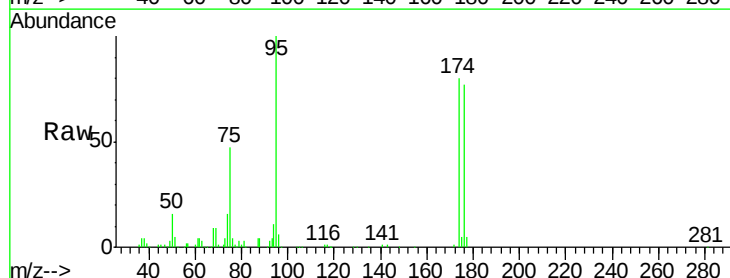
Manual Integrations
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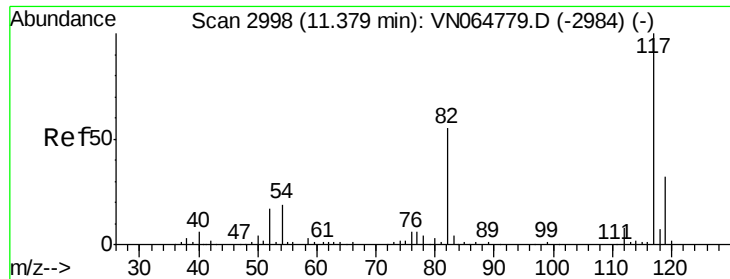
SAM
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#62
 4-Bromofluorobenzene
 Concen: 49.987 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.4
176	78.6	0.0	158.4





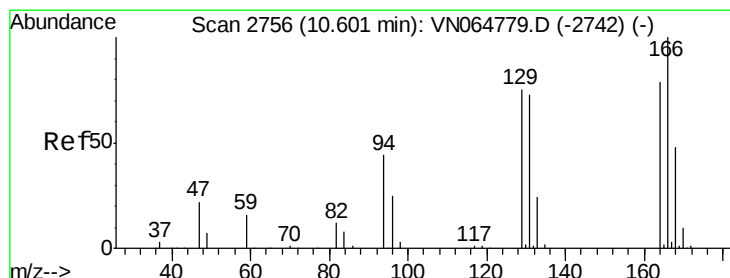
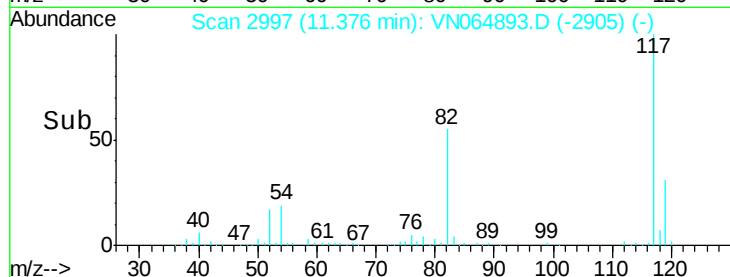
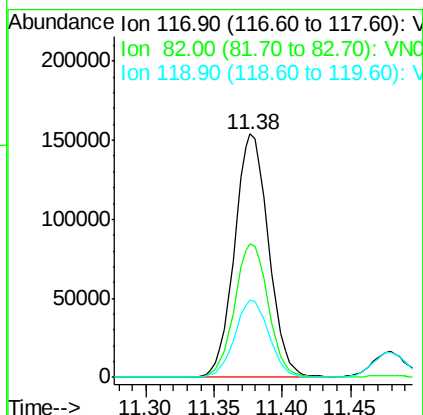
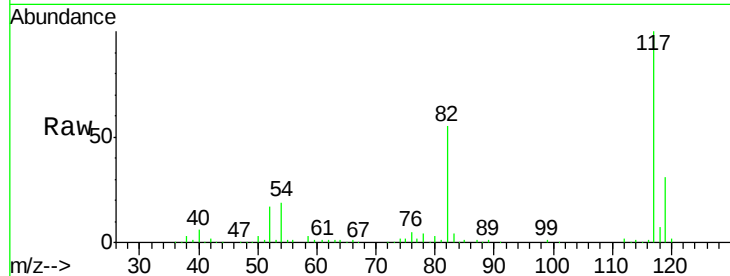
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	31.5	25.8	38.6

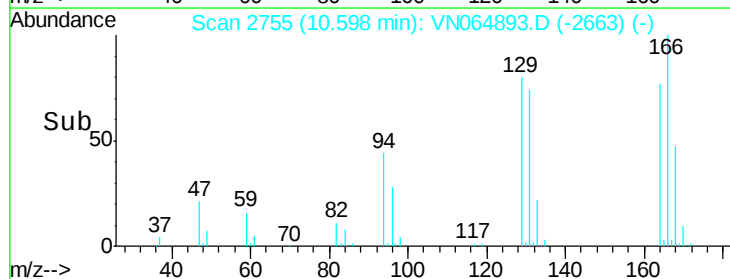
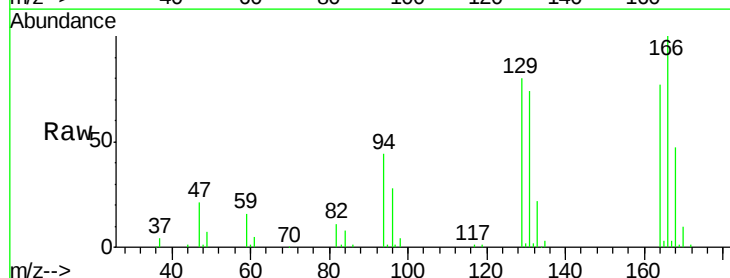
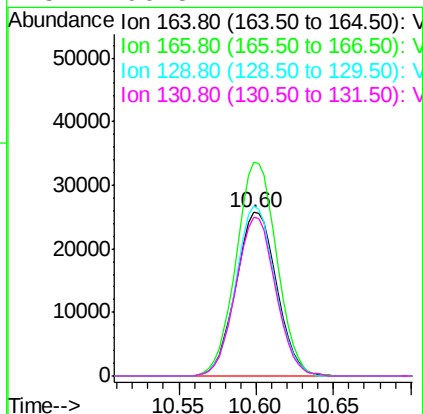
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.153 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	101.4	152.0
129	104.3	76.1	114.1
131	96.8	74.2	111.2





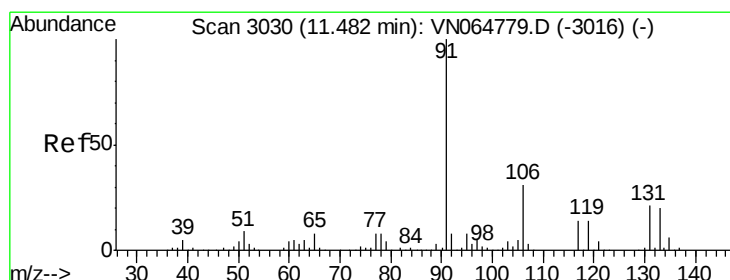
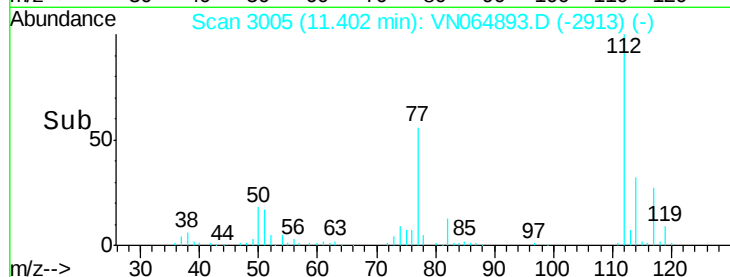
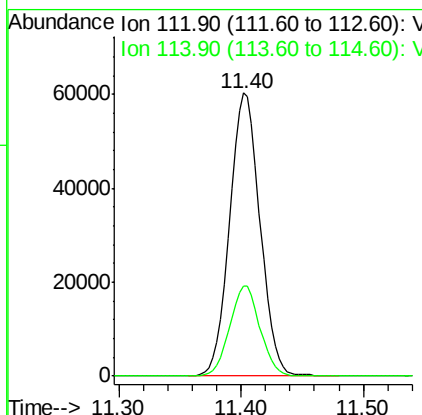
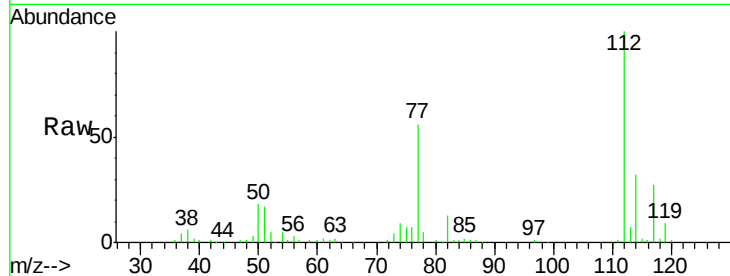
#65
Chlorobenzene
Concen: 18.265 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion:112 Resp: 104736
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

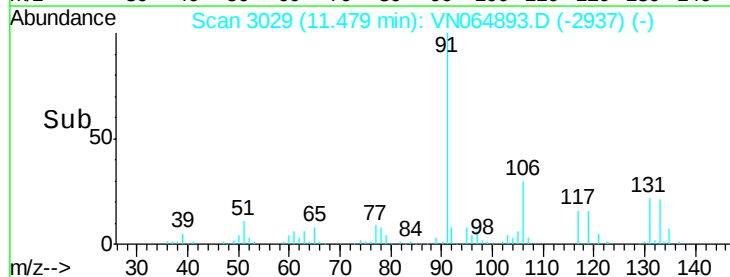
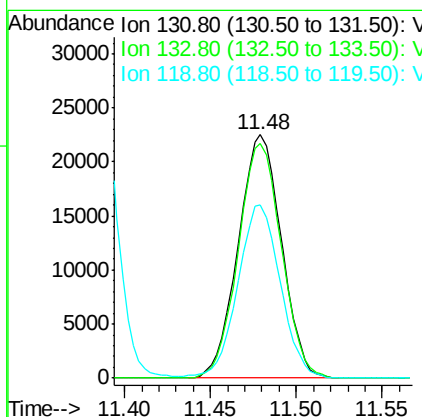
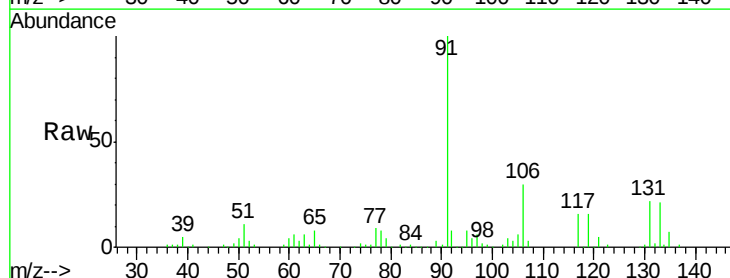
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.653 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion:131 Resp: 39308
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 69.9 33.3 99.8





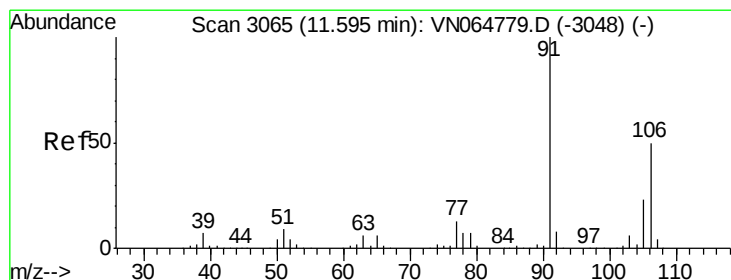
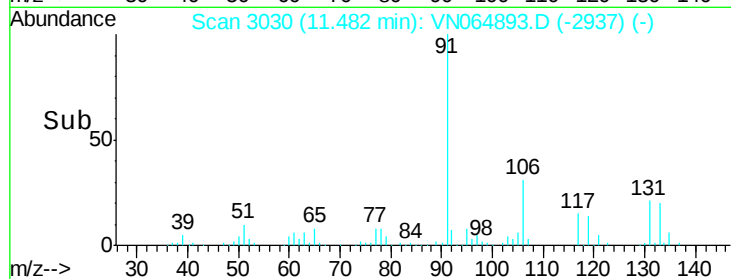
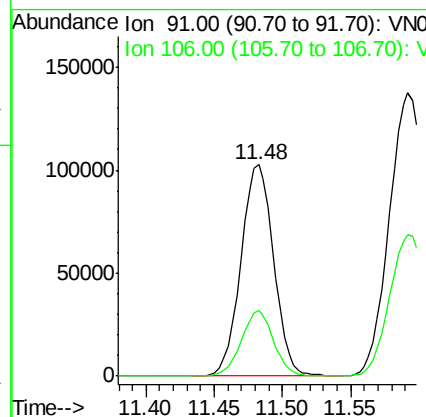
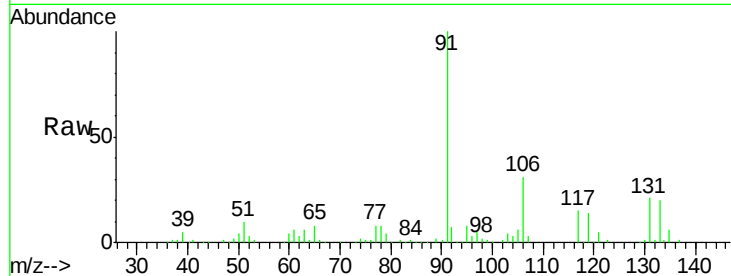
#67
Ethyl Benzene
Concen: 17.848 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

Tot Ion: 91 Resp: 170968
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

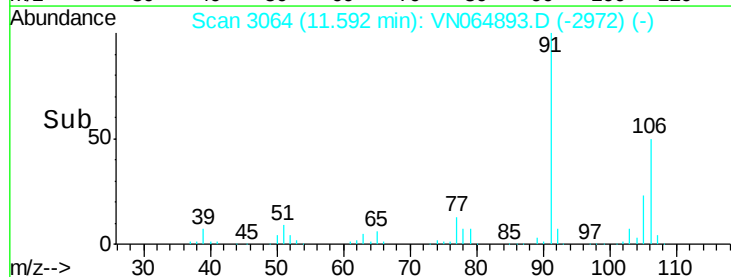
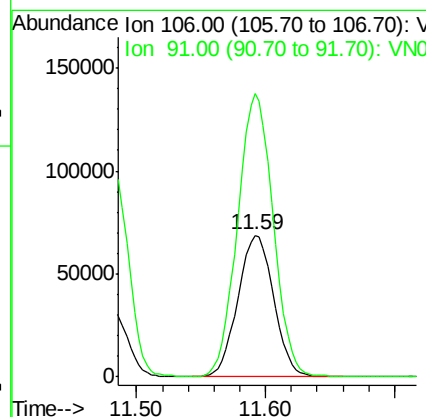
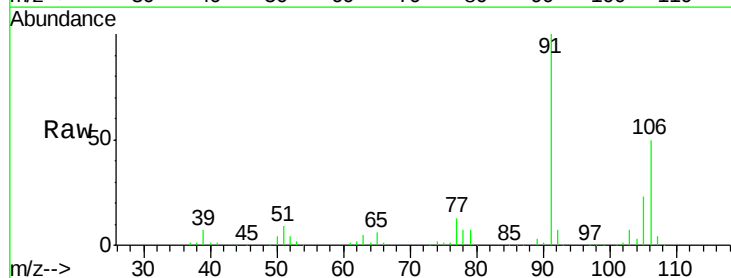
Manual Integrations
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#68
m/p-Xylenes
Concen: 36.716 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion: 106 Resp: 133161
Ion Ratio Lower Upper
106 100
91 197.5 161.0 241.4





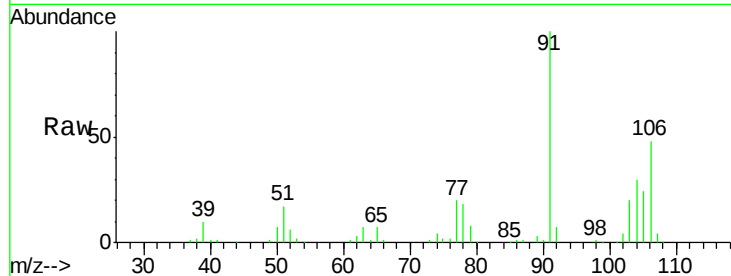
#69
o-Xylene
Concen: 18.597 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

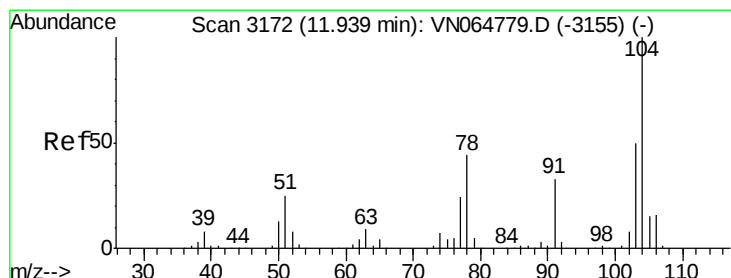
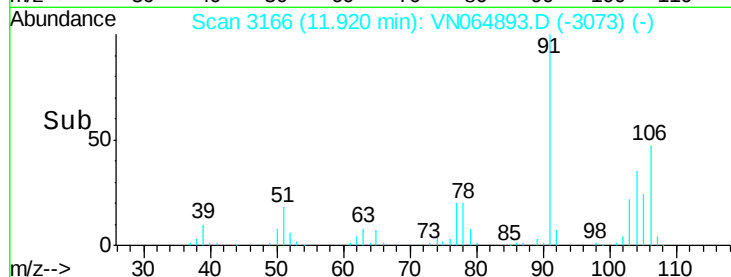
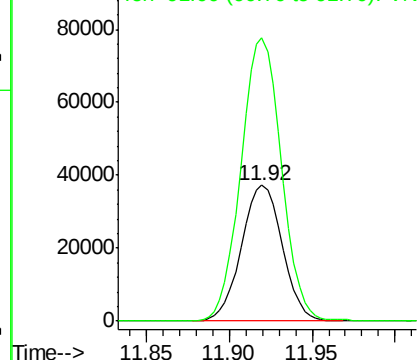
Tot Ion:106 Resp: 64004
Ion Ratio Lower Upper
106 100
91 206.4 105.5 316.5

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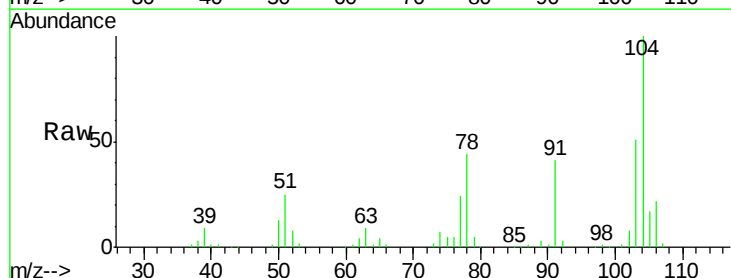


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

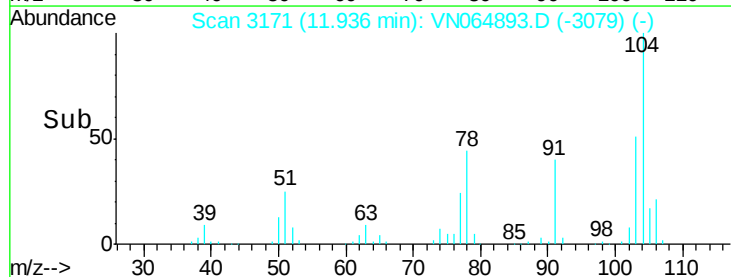
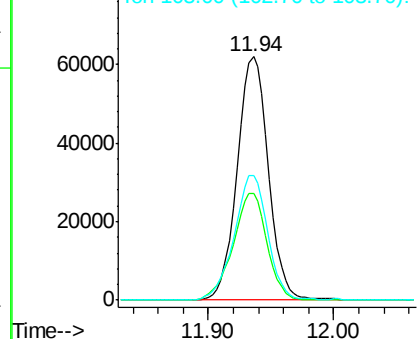


#70
Styrene
Concen: 18.483 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion:104 Resp: 107388
Ion Ratio Lower Upper
104 100
78 47.5 39.0 58.6
103 55.0 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.791 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion:173 Resp: 29944

Ion Ratio Lower Upper

173 100

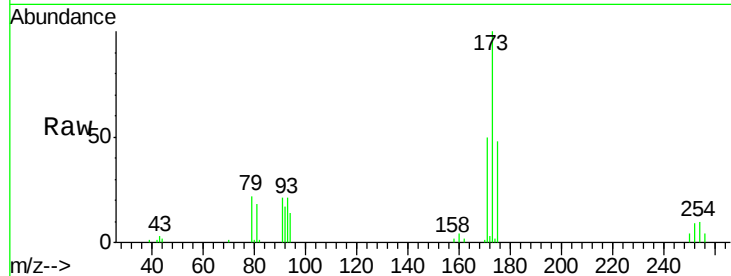
175 48.7 24.3 72.8

254 0.0 0.0 0.0

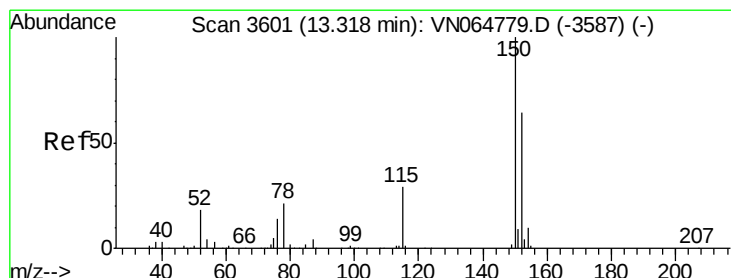
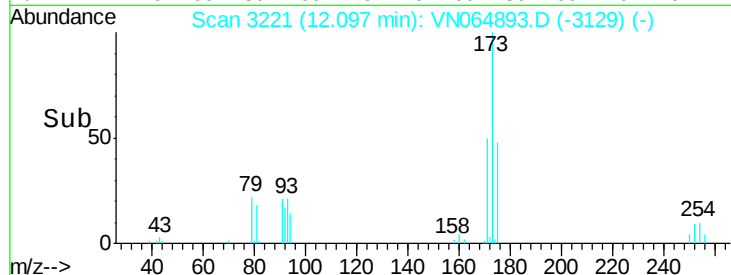
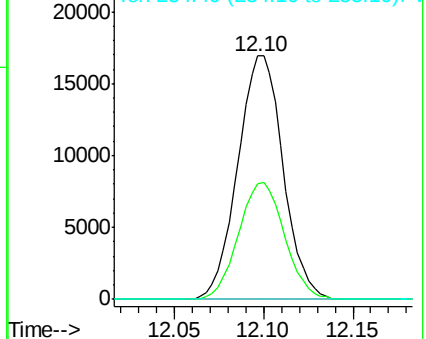
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

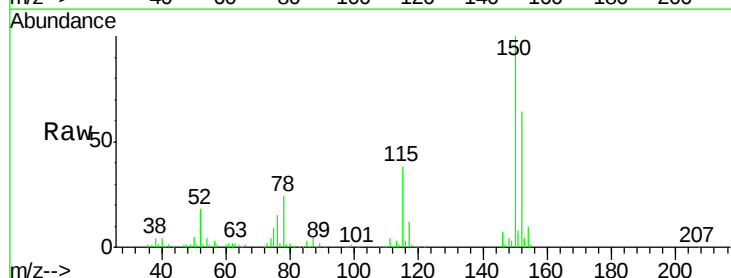
Tgt Ion:152 Resp: 130387

Ion Ratio Lower Upper

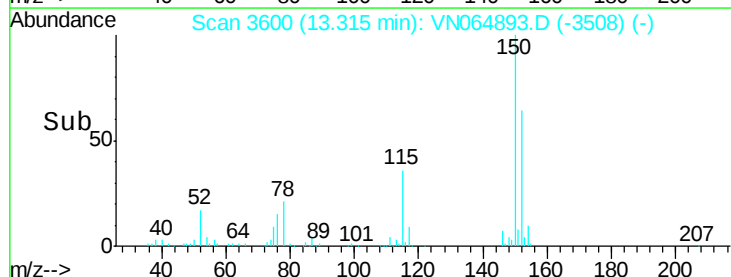
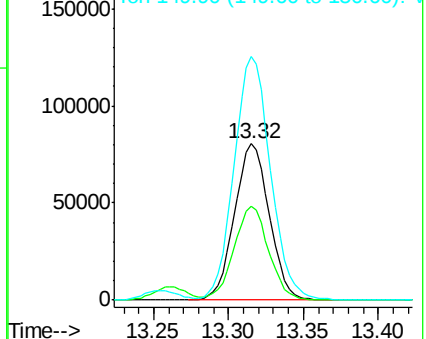
152 100

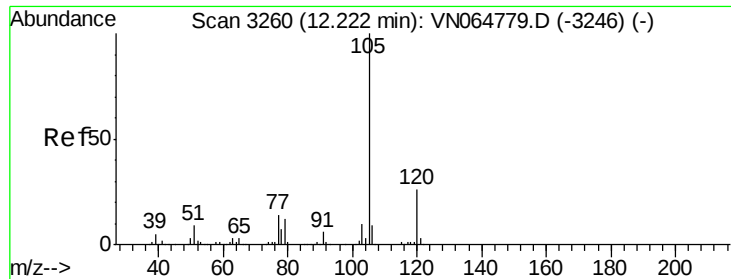
115 59.7 29.7 89.1

150 162.9 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





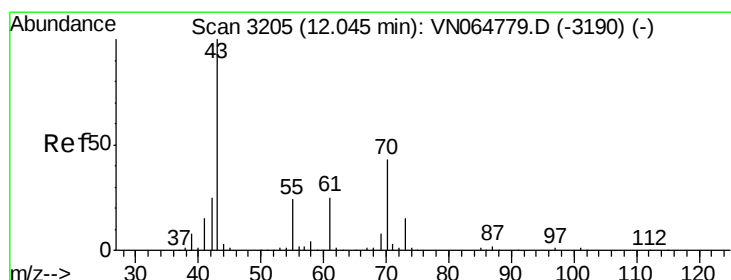
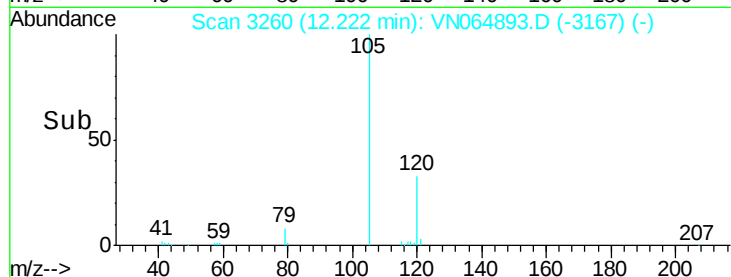
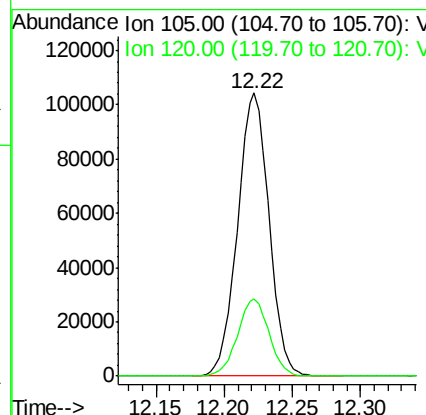
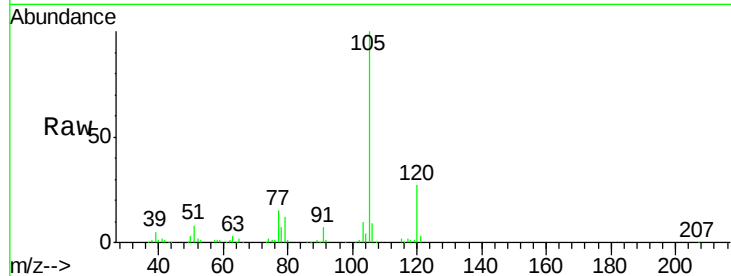
#73
Isopropylbenzene
Concen: 18.396 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.3	39.9

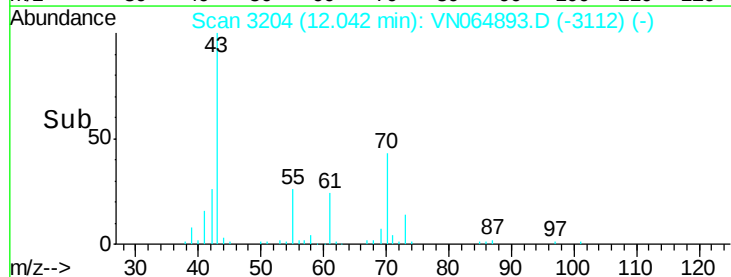
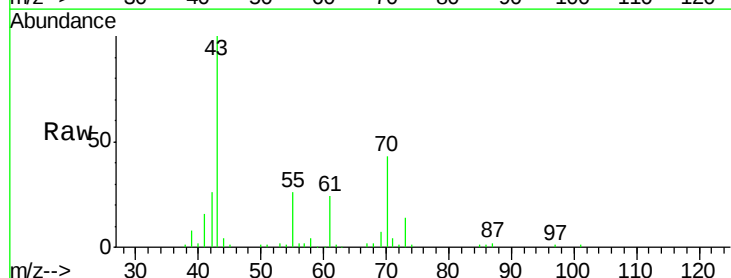
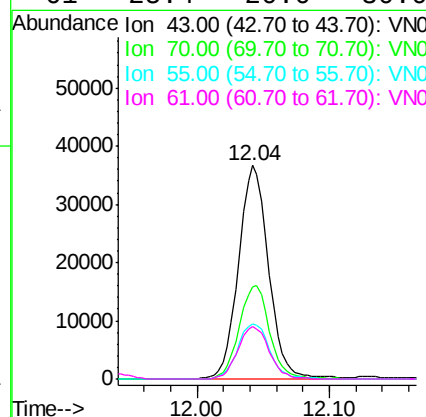
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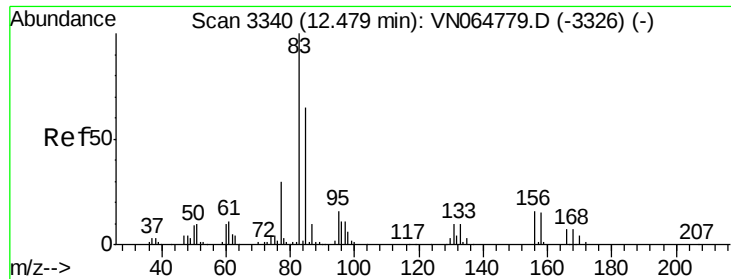
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#74
N-ethyl acetate
Concen: 16.239 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.5	51.7
55	27.3	20.4	30.6
61	25.4	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.987 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

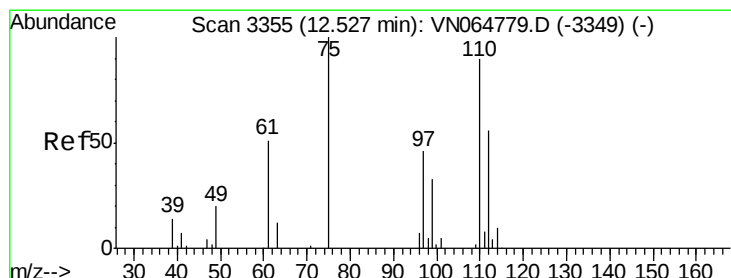
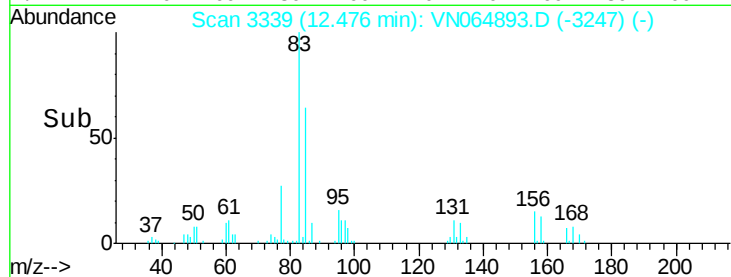
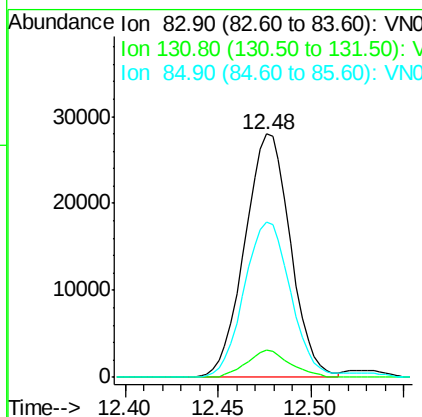
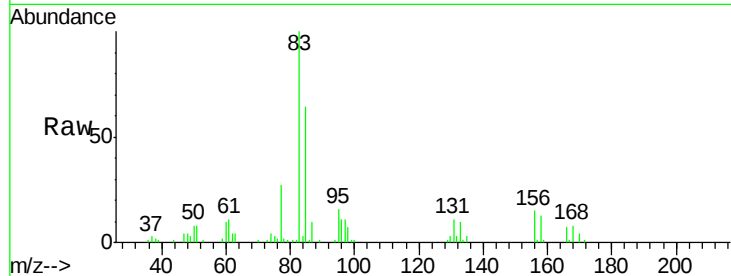
VN1203WBSD01

Tot Ion:	83	Resp:	47813
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.9	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.485 ug/l m

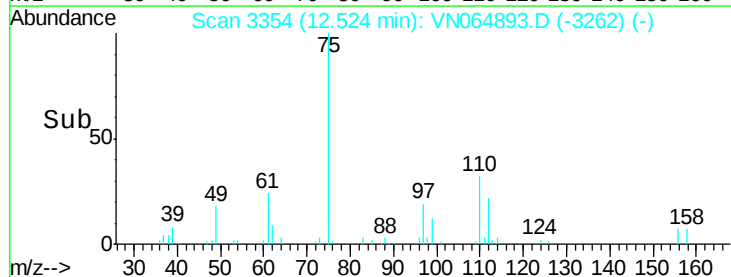
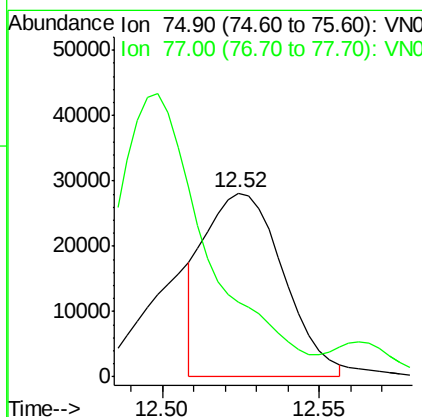
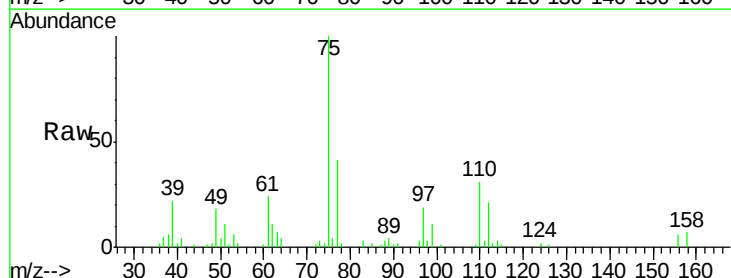
RT: 12.52 min Scan# 3354

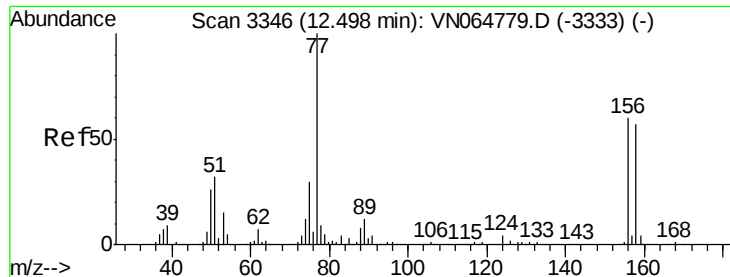
Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	75	Resp:	49098
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.183 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

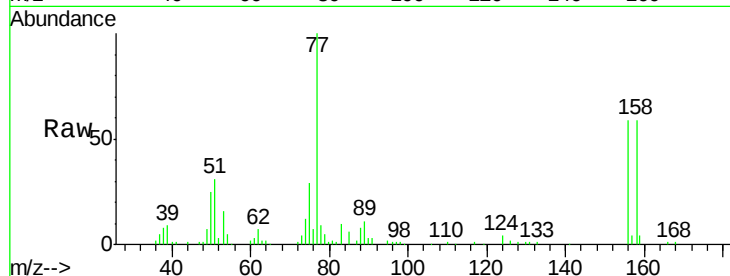
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	203.4	101.3	303.7
158	97.4	48.2	144.6

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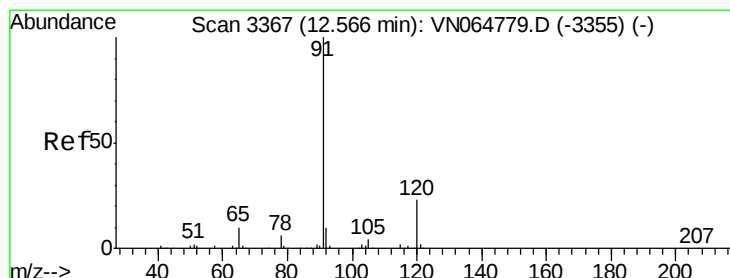
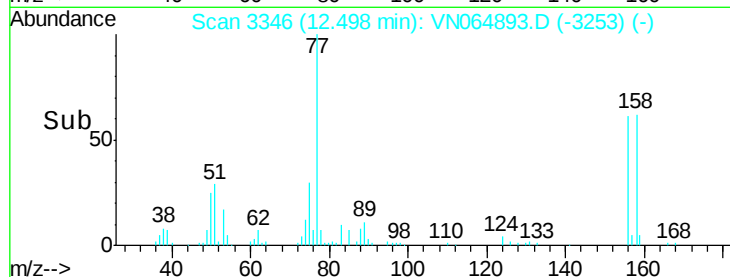
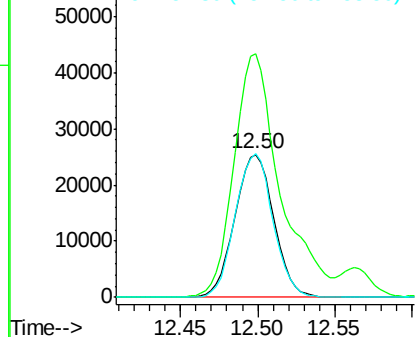


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.279 ug/l

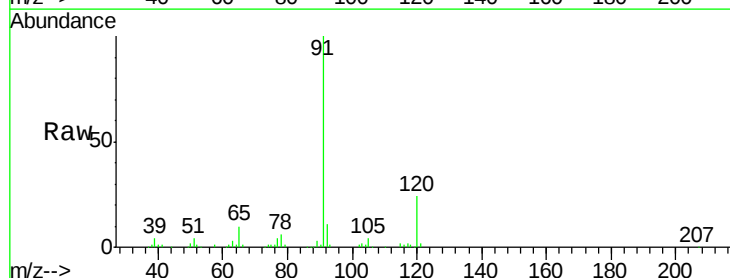
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

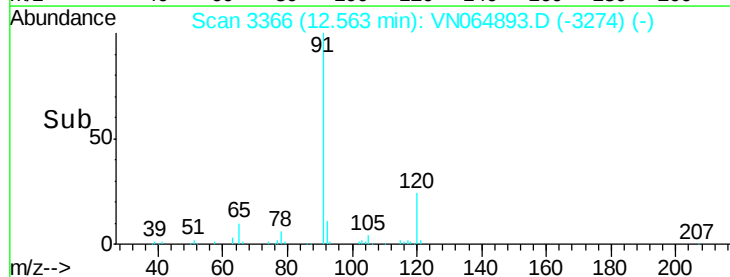
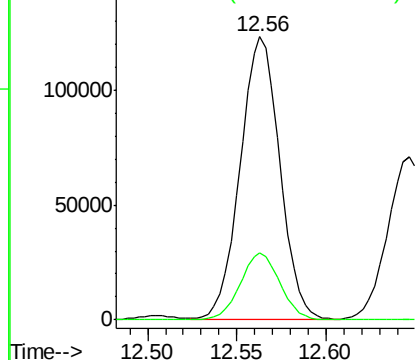
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.7

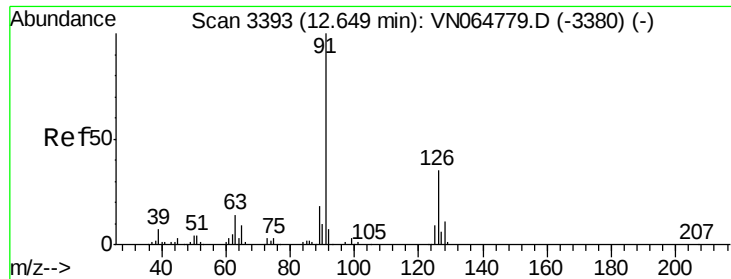


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.039 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 91 Resp: 115208

Ion Ratio Lower Upper

91 100

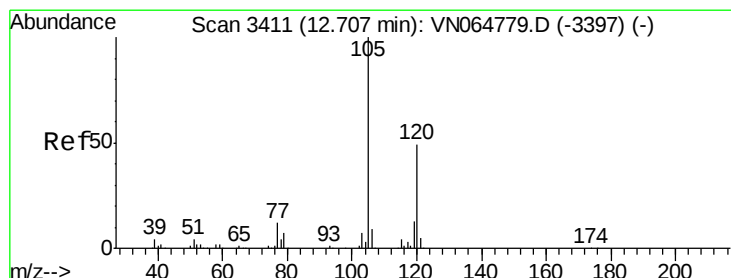
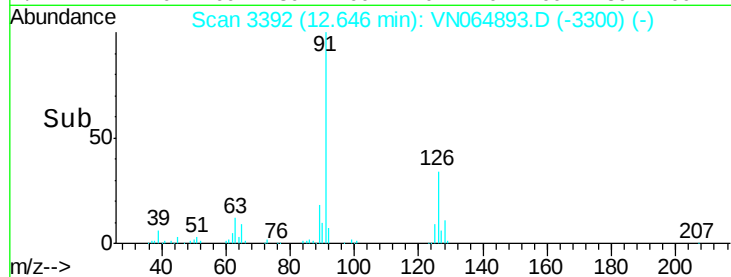
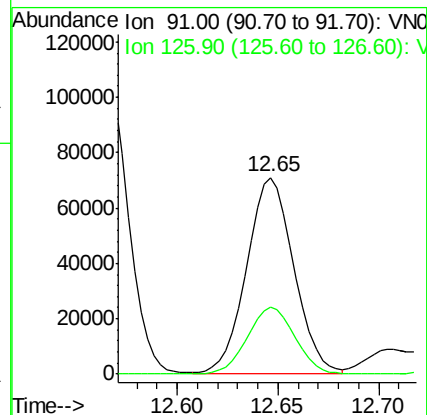
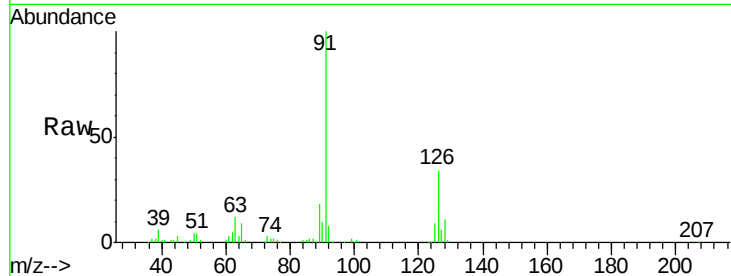
126 34.6 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.148 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064893.D

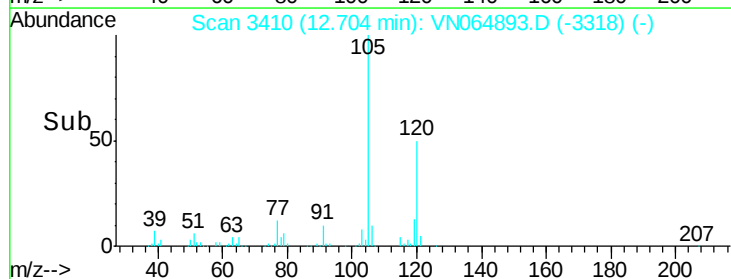
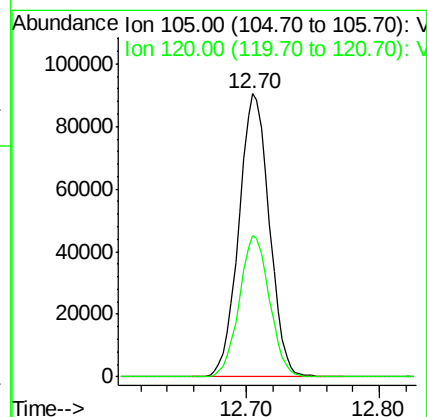
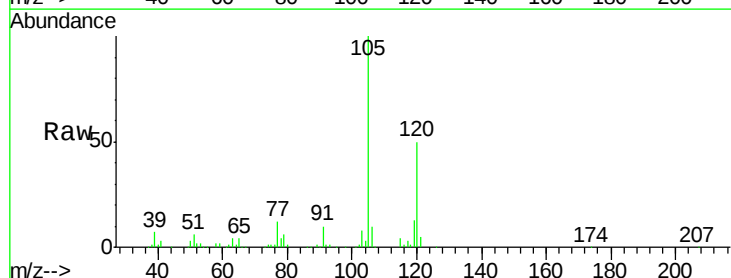
Acq: 3 Dec 2020 12:18

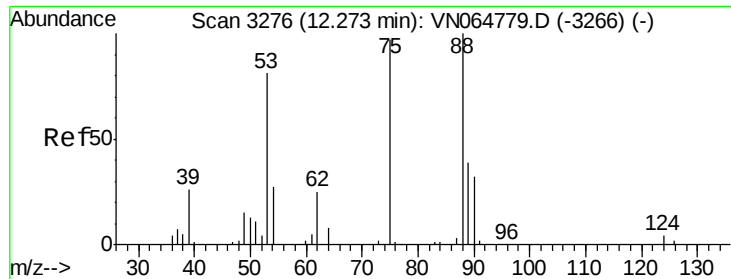
Tgt Ion: 105 Resp: 144347

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.641 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

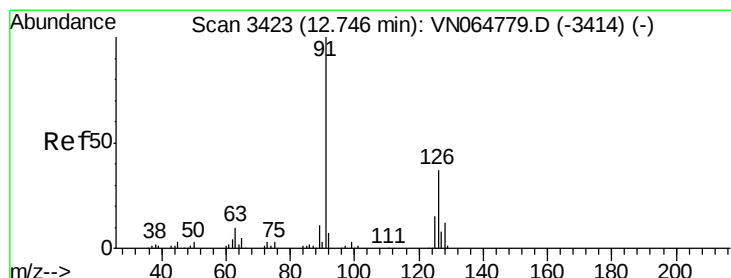
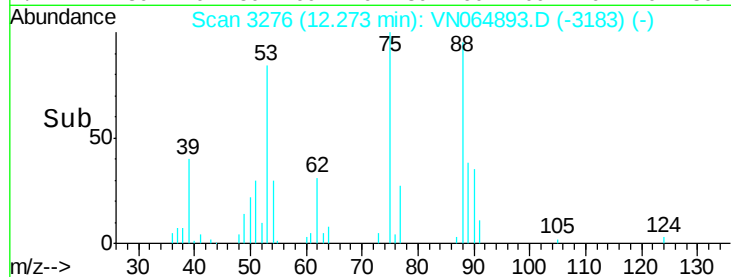
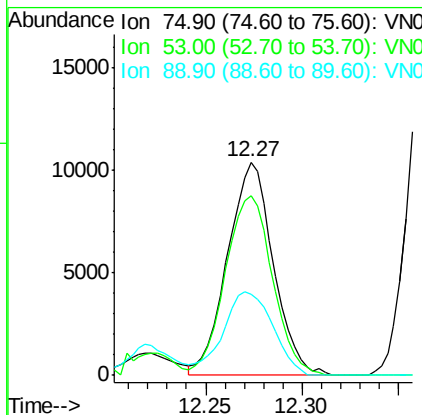
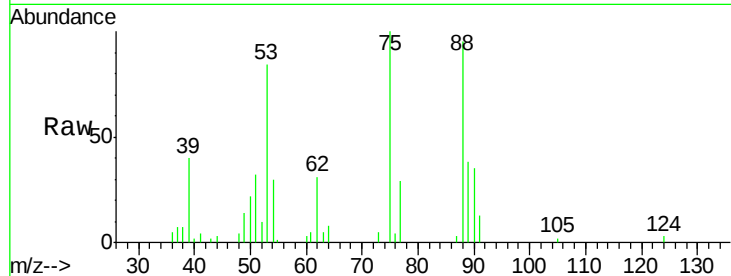
VN1203WBSD01

Tot Ion:	75	Resp:	17049
Ion	Ratio	Lower	Upper
75	100		
53	87.4	67.0	100.4
89	42.9	39.6	59.4

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#82

4-Chlorotoluene

Concen: 17.844 ug/l

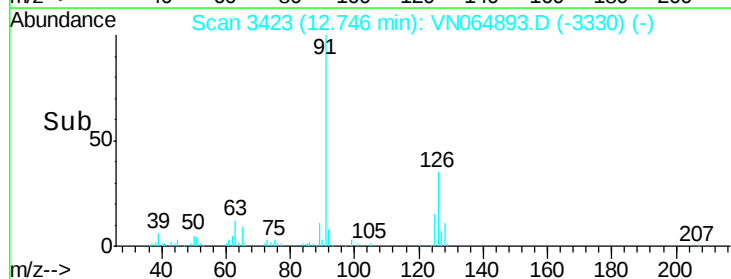
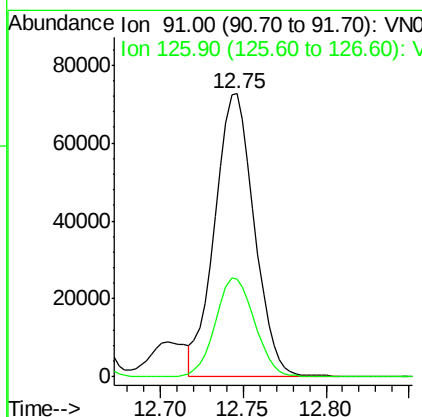
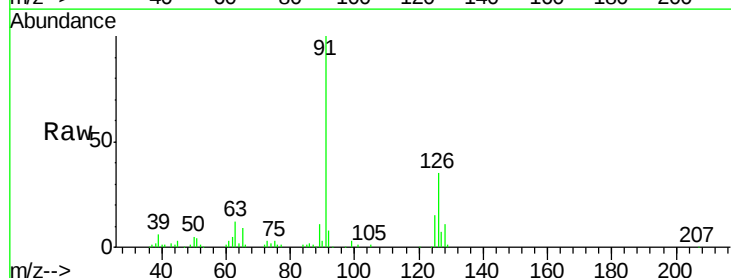
RT: 12.75 min Scan# 3423

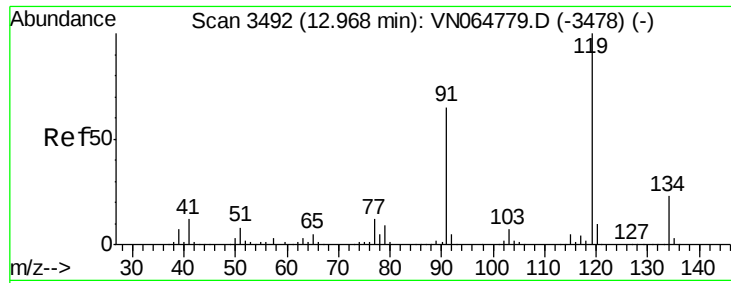
Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:18

Tgt Ion:	91	Resp:	119451
Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.9	50.7





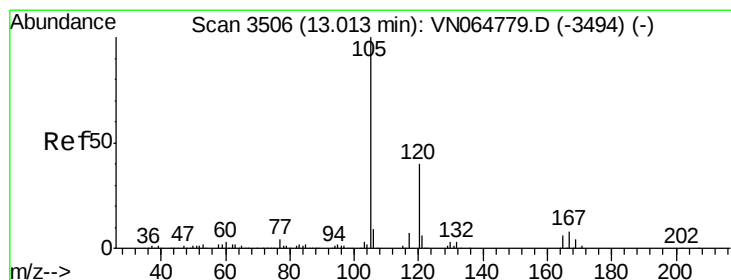
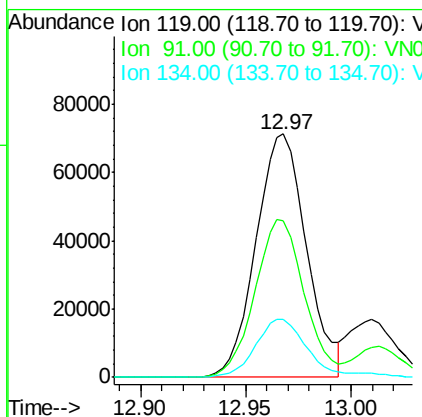
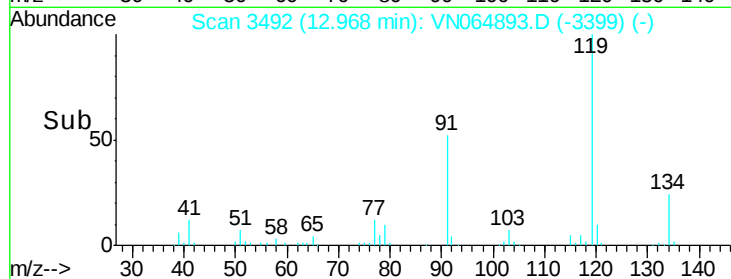
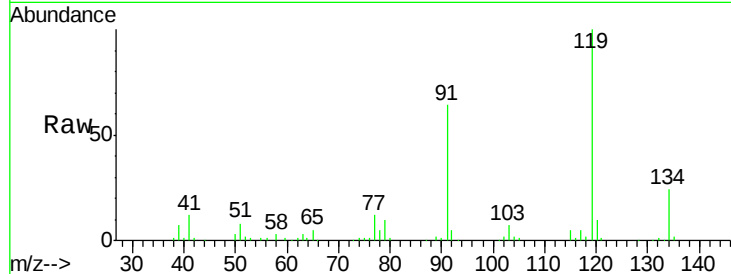
#83
tert-Butylbenzene
Concen: 18.800 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	118789		
91	63.3	32.3	96.8	
134	24.8	12.6	37.6	

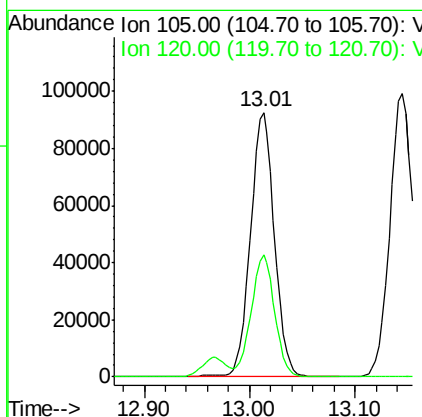
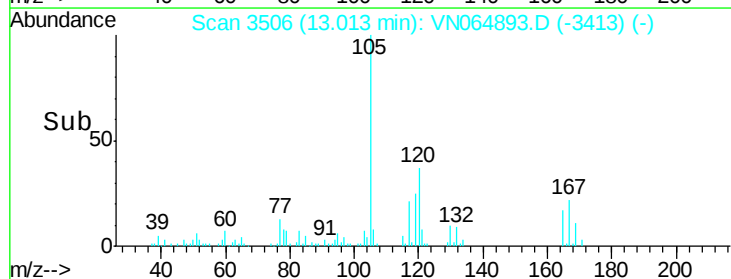
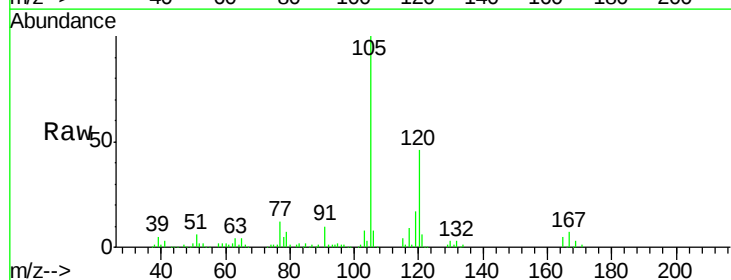
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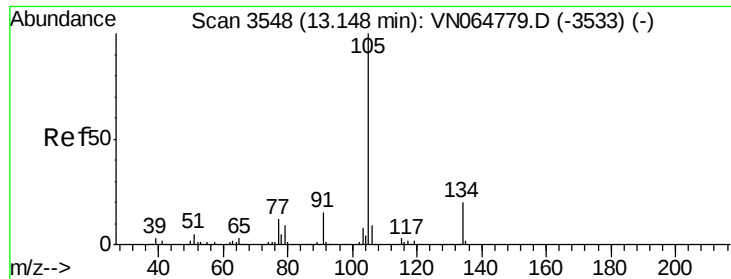
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#84
1,2,4-Trimethylbenzene
Concen: 19.240 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146646		
120	45.1	23.1	69.2	





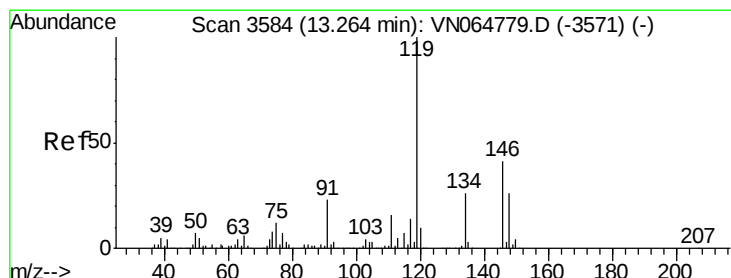
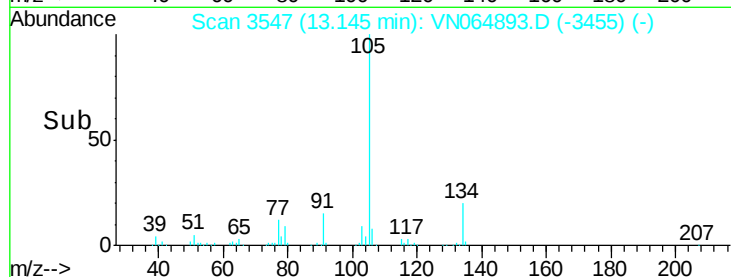
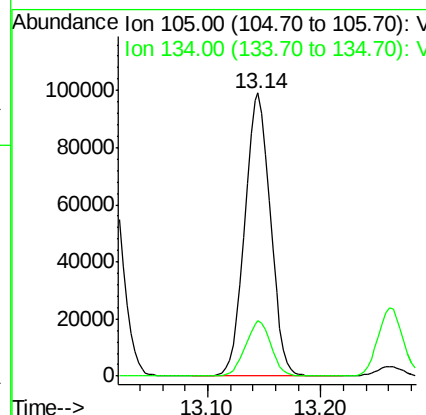
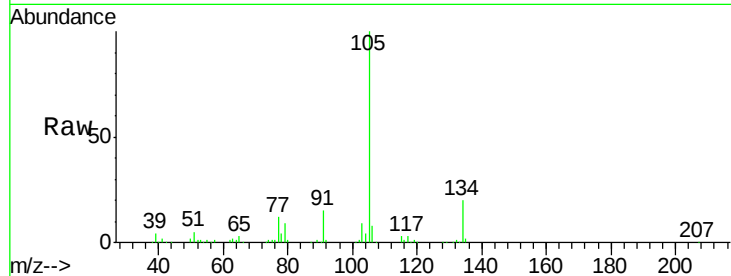
#85
 sec-Butylbenzene
 Concen: 18.684 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

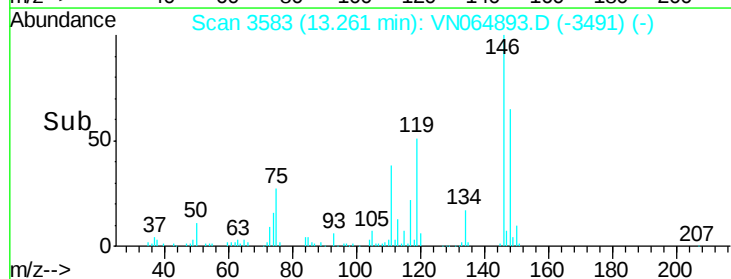
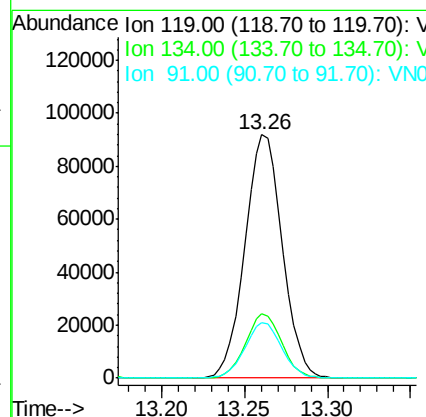
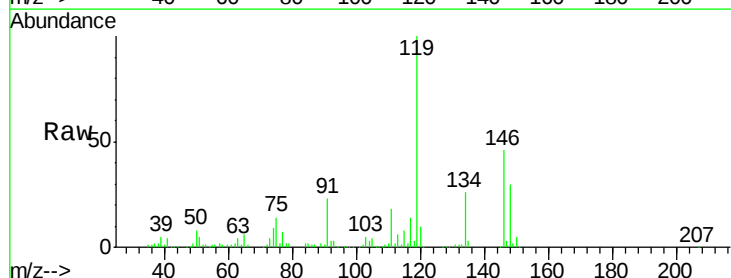
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#86
 p-Isopropyltoluene
 Concen: 18.841 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.1	39.1
91	22.7	11.5	34.5





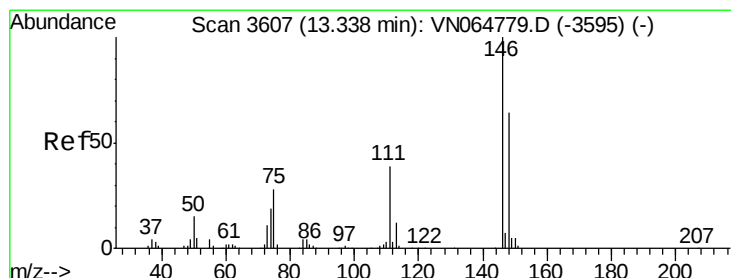
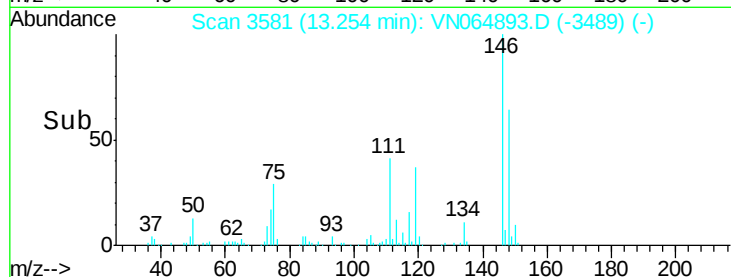
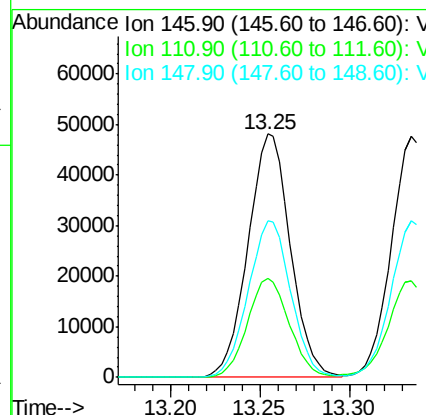
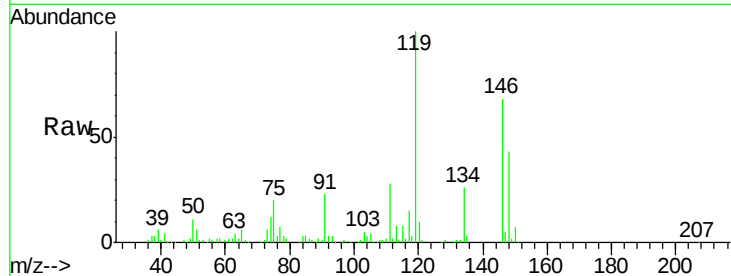
#87
 1,3-Dichlorobenzene
 Concen: 18.371 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.5	31.9	95.5

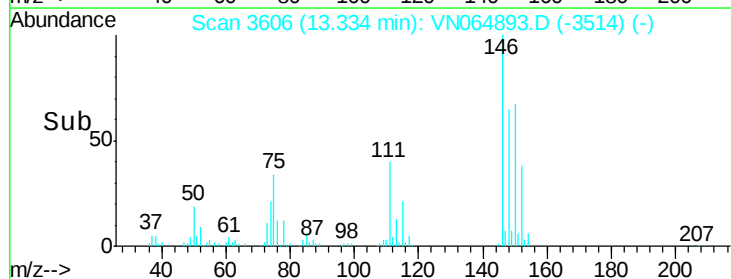
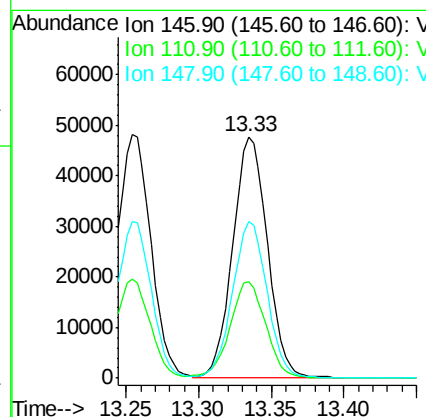
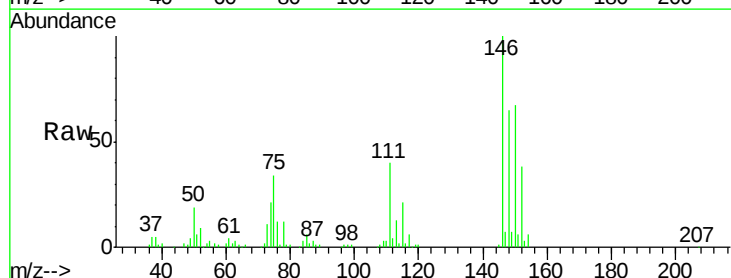
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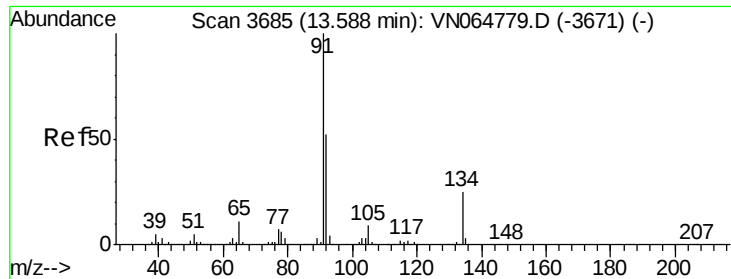
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#88
 1,4-Dichlorobenzene
 Concen: 17.268 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.8	59.3
148	64.6	31.9	95.5





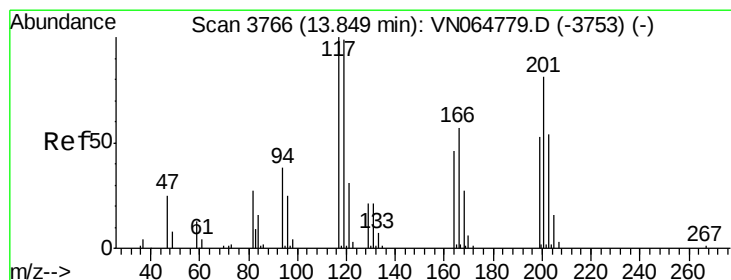
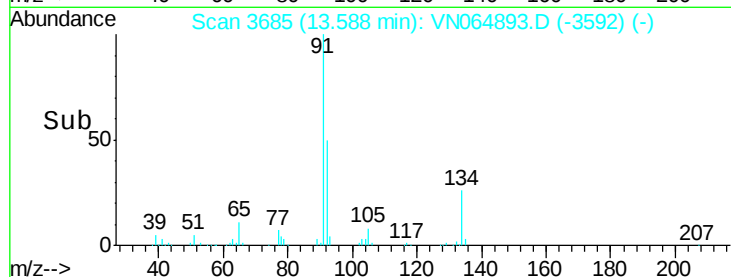
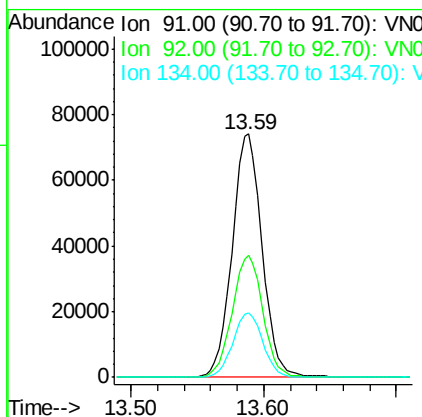
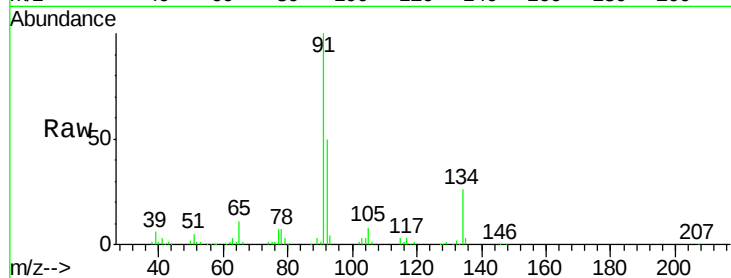
#89
n-Butylbenzene
Concen: 17.299 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.0	78.0
134	26.7	12.9	38.6

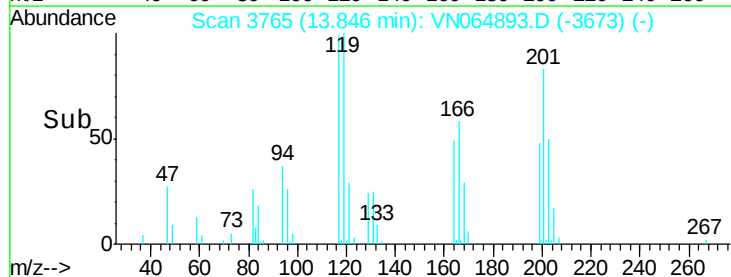
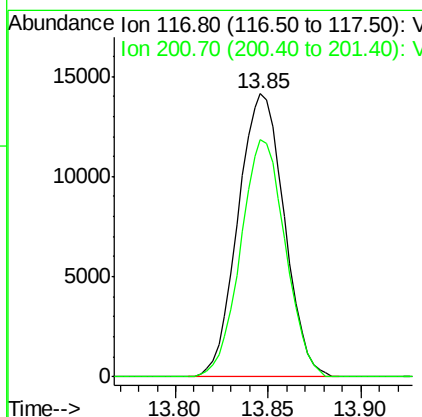
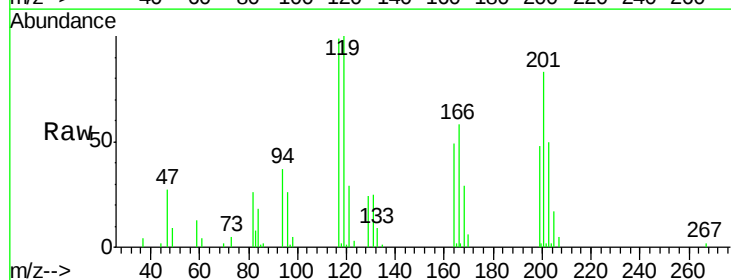
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#90
Hexachloroethane
Concen: 18.478 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	40.1	120.3





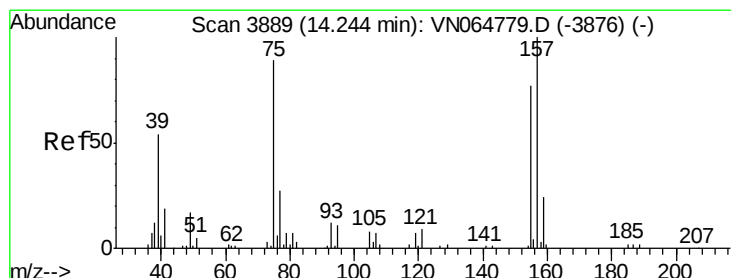
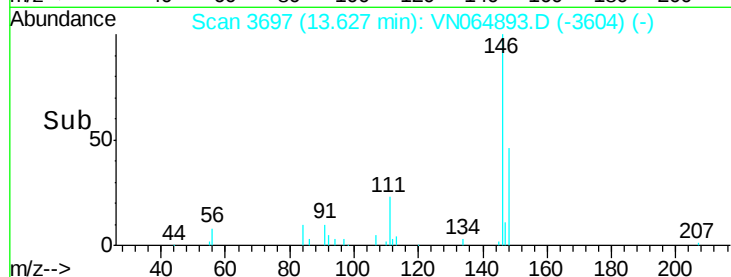
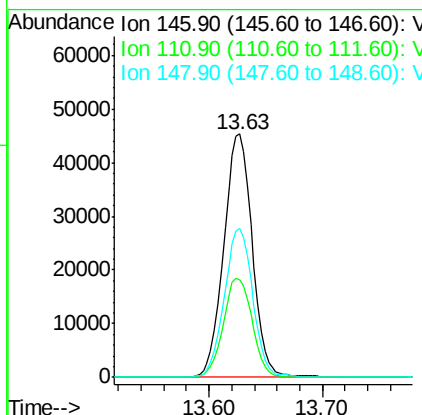
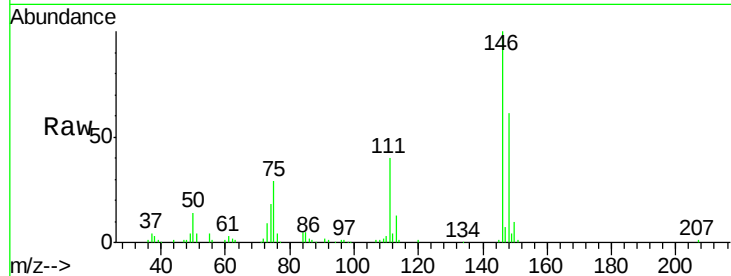
#91
 1,2-Dichlorobenzene
 Concen: 18.577 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.1
148	61.2	32.0	96.2

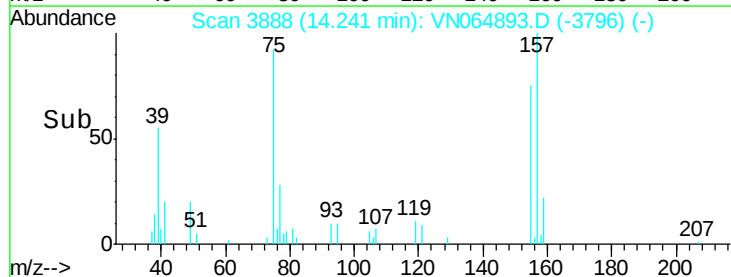
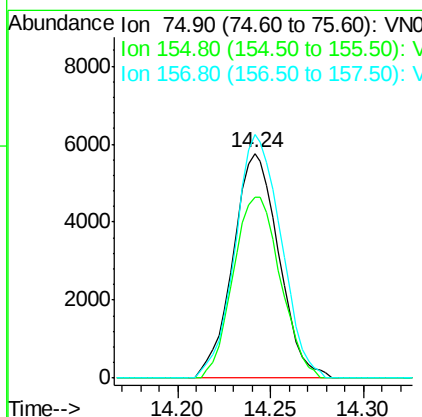
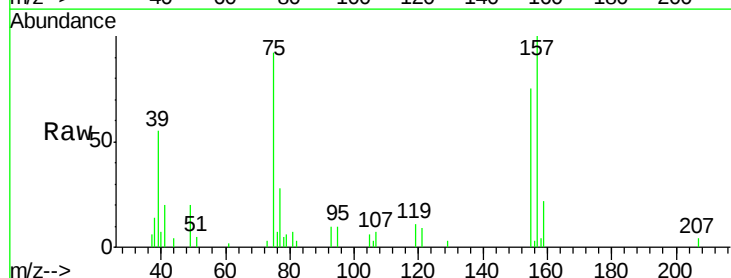
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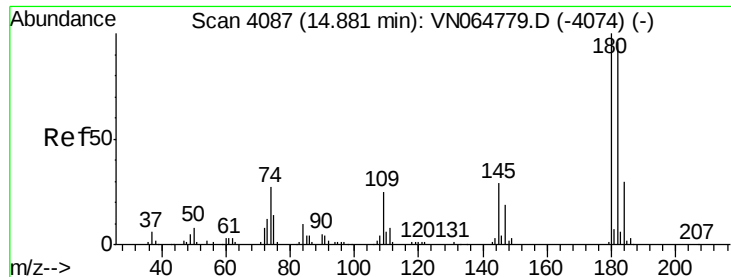
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.486 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	42.8	128.3
157	108.9	56.4	169.1





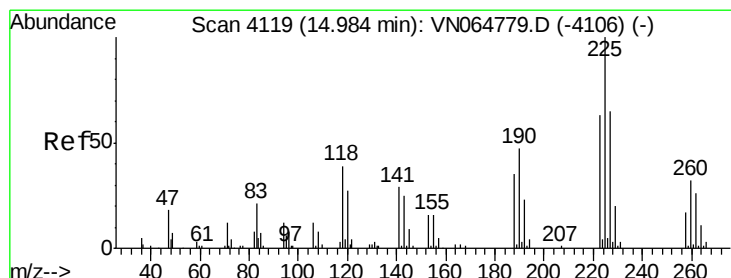
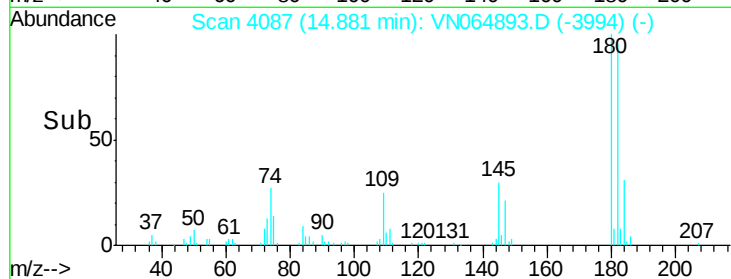
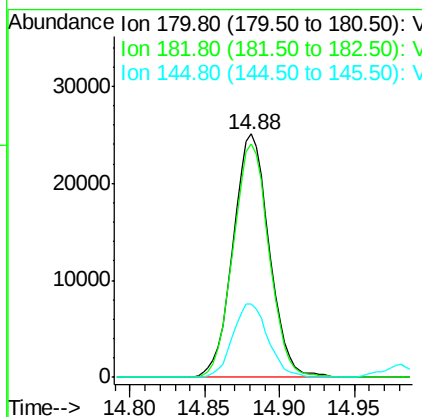
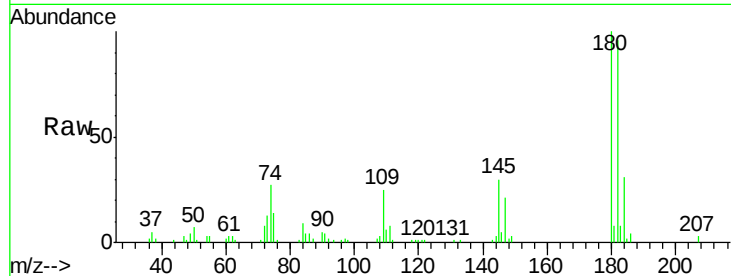
#93
 1,2,4-Trichlorobenzene
 Concen: 16.039 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	29.3	15.3	45.8

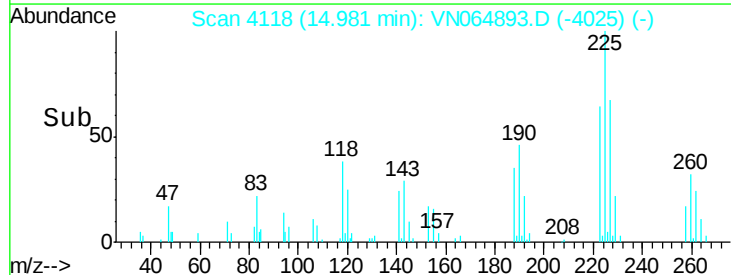
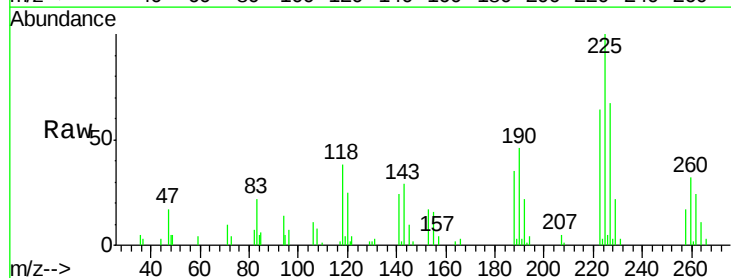
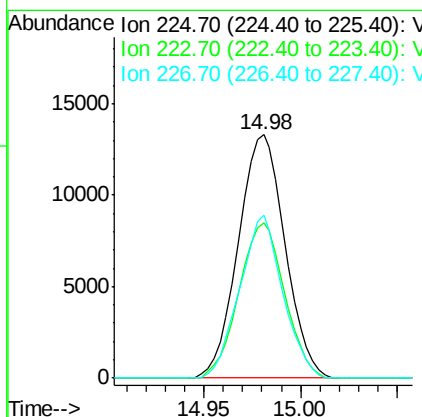
Manual Integrations
 APPROVED

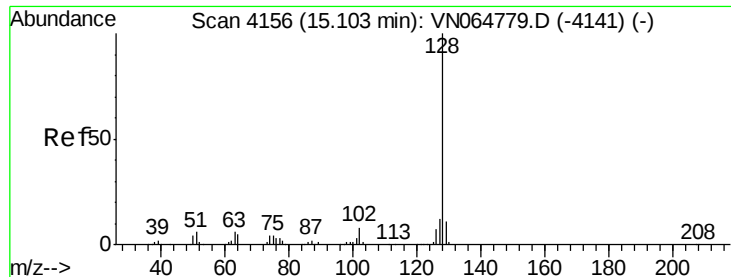
SAM
 12/4/2020 5:43:41 PM



#94
 Hexachlorobutadiene
 Concen: 19.078 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.0	93.0
227	61.7	32.0	96.0





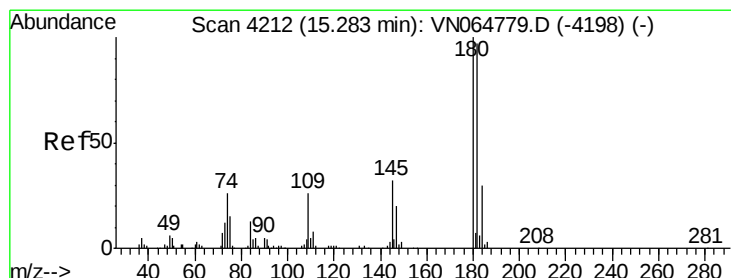
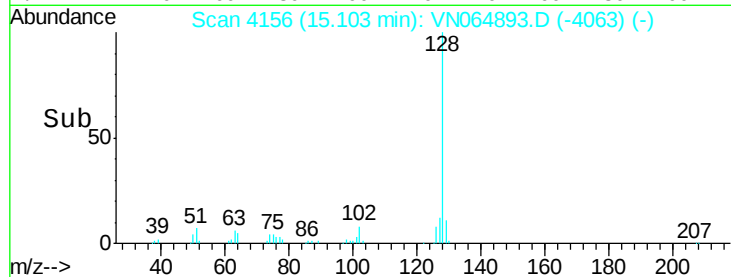
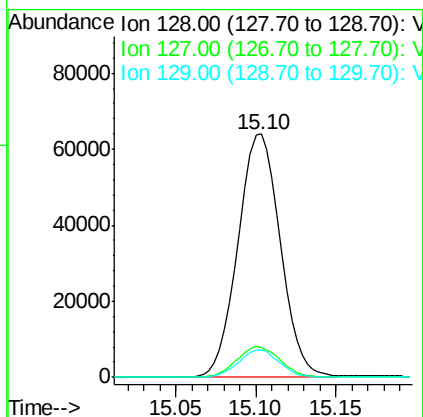
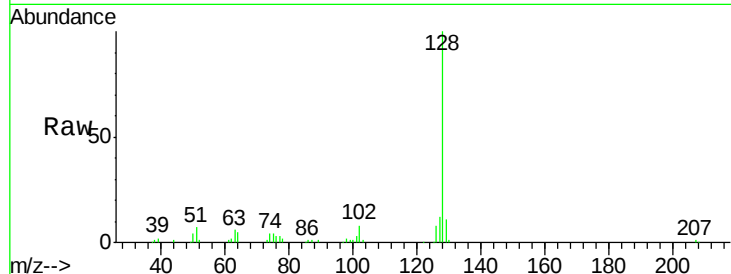
#95
Naphthalene
Concen: 14.652 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

SAM
12/4/2020 5:43:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.203 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.1	144.4
145	33.1	16.4	49.1

