

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064907.D
 Acq On : 3 Dec 2020 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:42:54 PM

Quant Time: Dec 04 04:25:16 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	207819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	325753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115495	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	7.55	113	96393	49.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.90%
50) Toluene-d8	10.06	98	388603	48.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.58%
62) 4-Bromofluorobenzene	12.38	95	138209	48.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74499	41.363	ug/l	97
3) Chloromethane	2.04	50	97502	41.658	ug/l	99
4) Vinyl Chloride	2.17	62	106007	43.442	ug/l	97
5) Bromomethane	2.52	94	65669	41.018	ug/l	99
6) Chloroethane	2.67	64	68366	45.297	ug/l	99
7) Trichlorofluoromethane	2.99	101	152325	45.158	ug/l	98
8) Diethyl Ether	3.37	74	62894	47.237	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	92390	45.659	ug/l	99
10) Methyl Iodide	3.91	142	120531	45.923	ug/l	98
11) Tert butyl alcohol	4.75	59	80195	212.839	ug/l	98
12) 1,1-Dichloroethene	3.69	96	92547	45.924	ug/l	99
13) Acrolein	3.56	56	78572	341.399	ug/l	98
14) Allyl chloride	4.27	41	152303	45.822	ug/l	99
15) Acrylonitrile	4.93	53	249038	239.257	ug/l	99
16) Acetone	3.78	43	194700	245.147	ug/l	96
17) Carbon Disulfide	4.01	76	223347	42.925	ug/l	99
18) Methyl Acetate	4.28	43	114550	47.972	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	321115	49.683	ug/l	99
20) Methylene Chloride	4.50	84	111777	44.913	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	101652	45.423	ug/l	95
22) Diisopropyl ether	5.91	45	330055	49.611	ug/l	98
23) Vinyl Acetate	5.85	43	1319803	248.079	ug/l	99
24) 1,1-Dichloroethane	5.79	63	191968	48.282	ug/l	99
25) 2-Butanone	6.79	43	313455	243.467	ug/l	96
26) 2,2-Dichloropropane	6.78	77	155214	45.011	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119859	47.597	ug/l	100
28) Bromochloromethane	7.15	49	83082	45.677	ug/l	98
29) Tetrahydrofuran	7.17	42	206013	231.806	ug/l	99
30) Chloroform	7.33	83	197067	48.063	ug/l	99
31) Cyclohexane	7.61	56	146741	43.577	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	166262	47.213	ug/l	99
36) 1,1-Dichloropropene	7.75	75	142086	47.058	ug/l	99
37) Ethyl Acetate	6.88	43	133708	45.972	ug/l	98
38) Carbon Tetrachloride	7.73	117	146111	46.507	ug/l	99

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SAM
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 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	145626	44.802	ug/l	95
40) Benzene	8.00	78	436421	47.168	ug/l	98
41) Methacrylonitrile	7.12	41	66329	49.424	ug/l	88
42) 1,2-Dichloroethane	8.08	62	143349	45.926	ug/l	100
43) Isopropyl Acetate	8.13	43	218454	46.677	ug/l #	90
44) Trichloroethene	8.80	130	126326	46.274	ug/l	97
45) 1,2-Dichloropropane	9.08	63	117695	49.119	ug/l	99
46) Dibromomethane	9.17	93	76193	47.598	ug/l	99
47) Bromodichloromethane	9.37	83	155893	48.400	ug/l	98
48) Methyl methacrylate	9.16	41	105443	47.150	ug/l	98
49) 1,4-Dioxane	9.17	88	33821	800.172	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	669722	238.361	ug/l	100
52) Toluene	10.12	92	277560	48.711	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172270	48.020	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	187592	48.785	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	112154	47.865	ug/l	97
56) Ethyl methacrylate	10.40	69	162455	50.243	ug/l	99
57) 1,3-Dichloropropane	10.68	76	190677	49.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	443677	249.454	ug/l	100
59) 2-Hexanone	10.72	43	484167	239.438	ug/l	100
60) Dibromochloromethane	10.87	129	126895	48.720	ug/l	100
61) 1,2-Dibromoethane	10.98	107	114854	48.247	ug/l	100
64) Tetrachloroethene	10.60	164	134209	46.855	ug/l	98
65) Chlorobenzene	11.40	112	304341	48.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	115719	49.803	ug/l	98
67) Ethyl Benzene	11.48	91	521299	49.355	ug/l	99
68) m/p-Xylenes	11.59	106	404910	101.255	ug/l	98
69) o-Xylene	11.92	106	192555	50.742	ug/l	99
70) Styrene	11.94	104	333717	52.093	ug/l	99
71) Bromoform	12.10	173	88841	47.872	ug/l #	99
73) Isopropylbenzene	12.22	105	507250	50.184	ug/l	100
74) N-amyl acetate	12.04	43	192536	48.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143491	48.434	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	155145m	49.575	ug/l	
77) Bromobenzene	12.50	156	131143	48.125	ug/l	98
78) n-propylbenzene	12.56	91	572147	49.688	ug/l	99
79) 2-Chlorotoluene	12.65	91	350009	49.174	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	429110	51.075	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	53603	46.944	ug/l	97
82) 4-Chlorotoluene	12.75	91	359821	48.228	ug/l	99
83) tert-Butylbenzene	12.97	119	356811	50.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	438897	51.668	ug/l	99
85) sec-Butylbenzene	13.14	105	460336	49.233	ug/l	100
86) p-Isopropyltoluene	13.26	119	431930	50.740	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	231729	47.863	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	232950	45.497	ug/l	100
89) n-Butylbenzene	13.59	91	355408	47.542	ug/l	99
90) Hexachloroethane	13.85	117	72146	48.787	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	229369	48.249	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30257	45.389	ug/l	97

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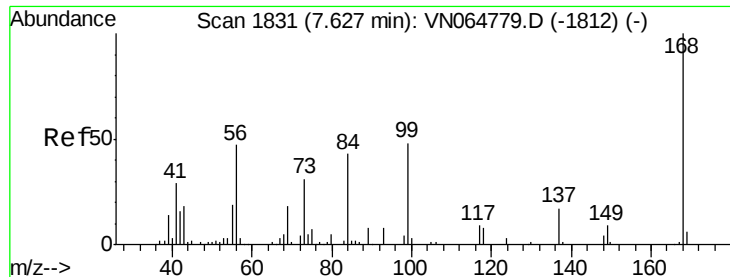
Manual Integrations
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SAM
12/4/2020 5:42:54 PM

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	128321	43.635	ug/l	100
94) Hexachlorobutadiene	14.98	225	62482	47.203	ug/l	99
95) Naphthalene	15.10	128	384664	43.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	124685	44.766	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 207819

Ion Ratio Lower Upper

168 100

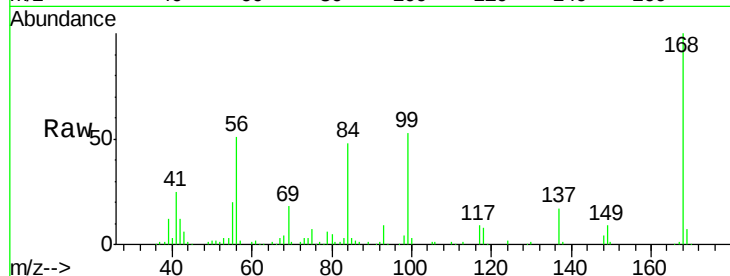
99 52.1 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

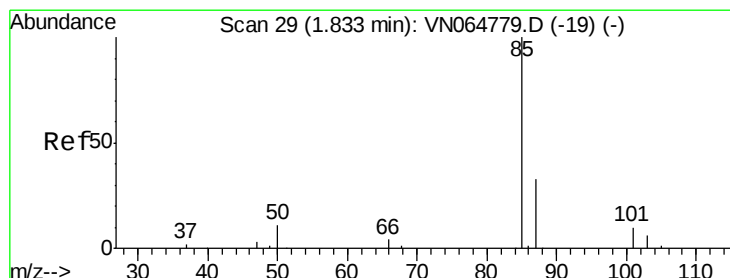
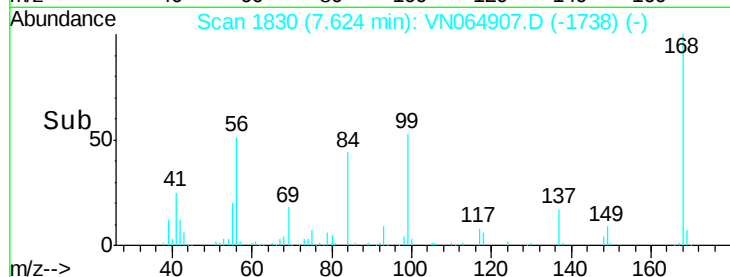
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.363 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064907.D

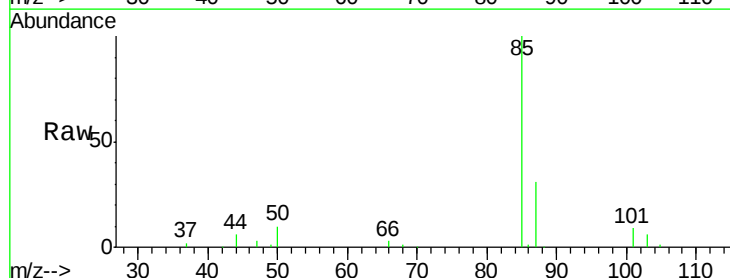
Acq: 3 Dec 2020 18:15

Tgt Ion: 85 Resp: 74499

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

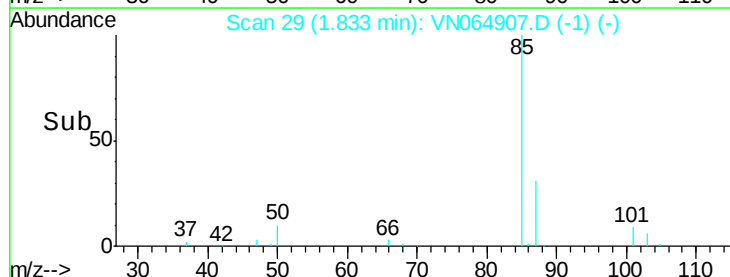
40000

20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.658 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 97502

Ion Ratio Lower Upper

50 100

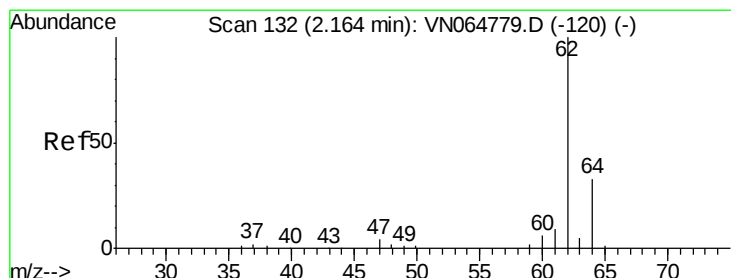
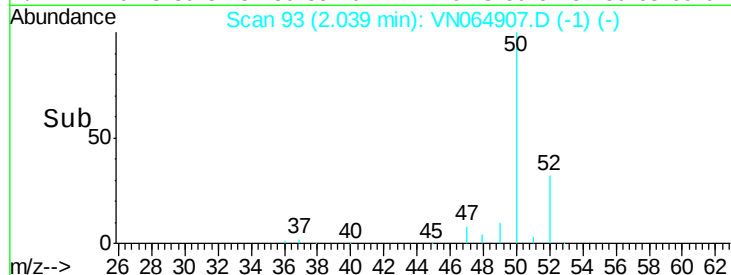
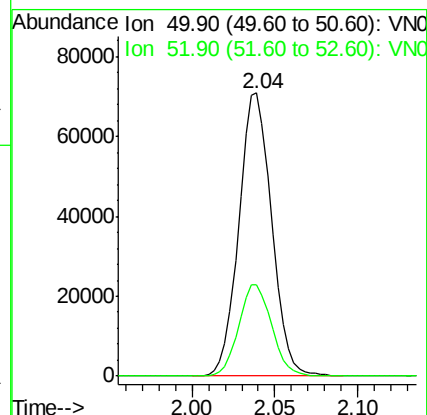
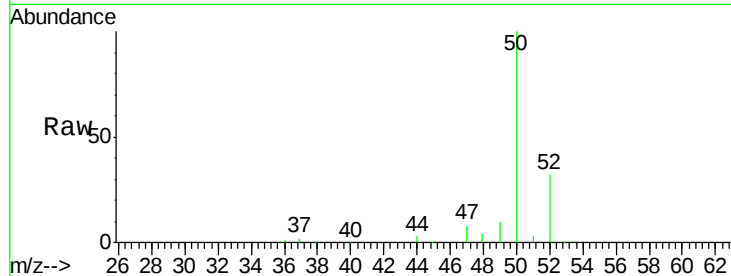
52 32.4 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.442 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064907.D

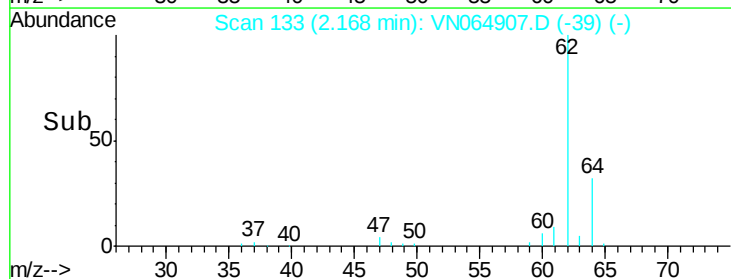
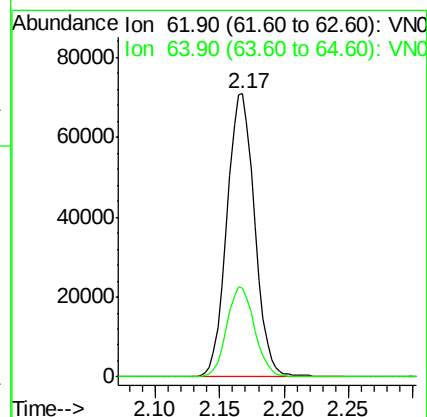
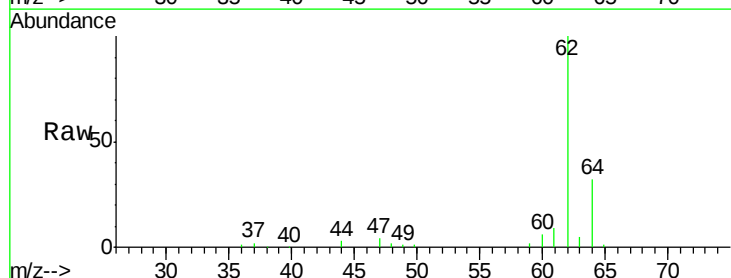
Acq: 3 Dec 2020 18:15

Tgt Ion: 62 Resp: 106007

Ion Ratio Lower Upper

62 100

64 31.6 26.5 39.7





#5

Bromomethane

Concen: 41.018 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65669

Ion Ratio Lower Upper

94 100

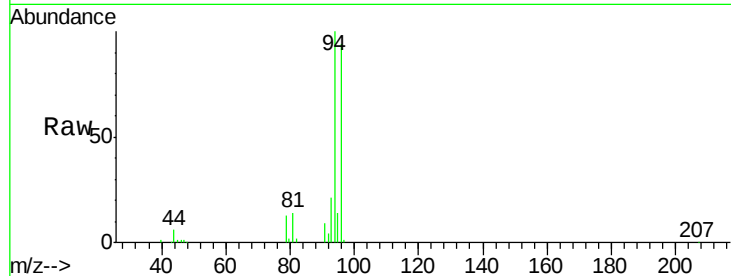
96 93.5 75.4 113.0

Manual Integrations

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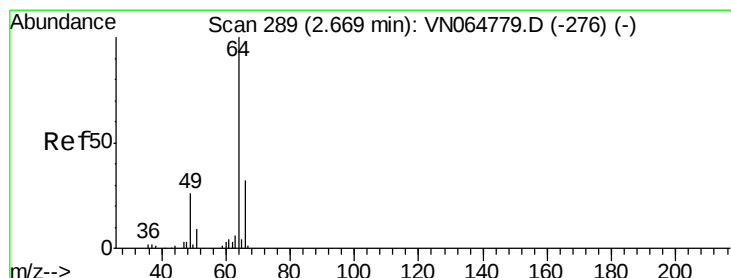
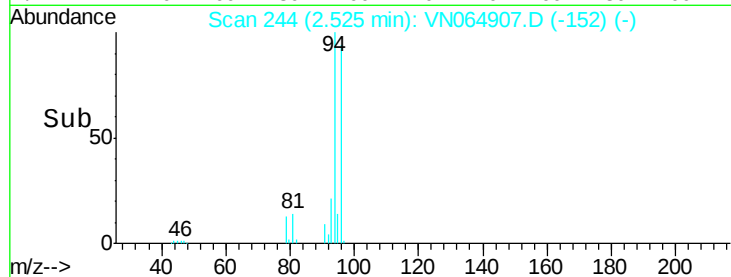
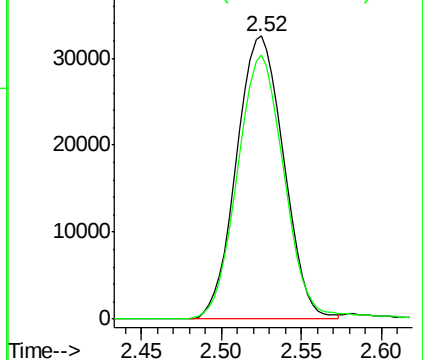
SAM

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.297 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064907.D

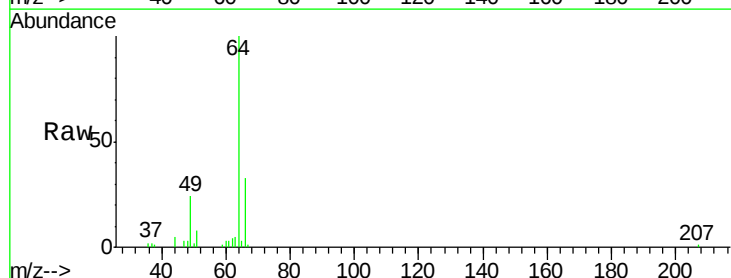
Acq: 3 Dec 2020 18:15

Tgt Ion: 64 Resp: 68366

Ion Ratio Lower Upper

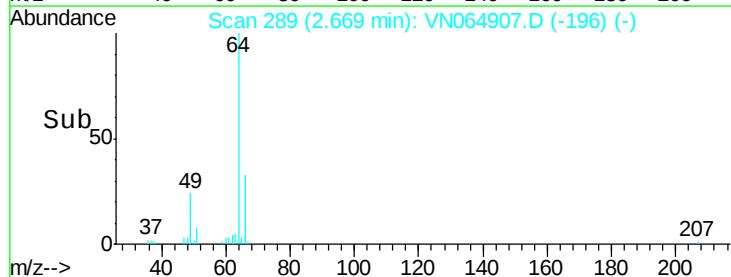
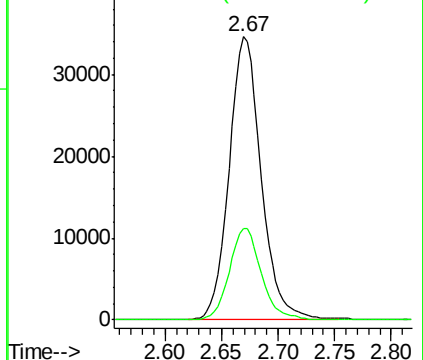
64 100

66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

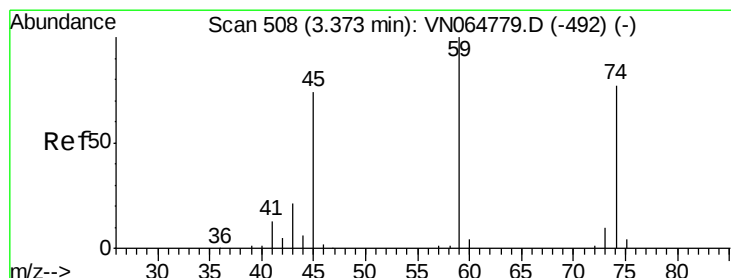
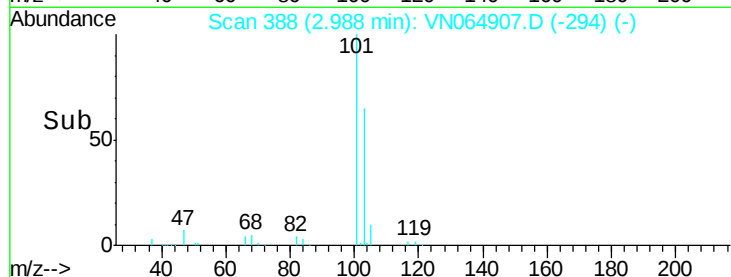
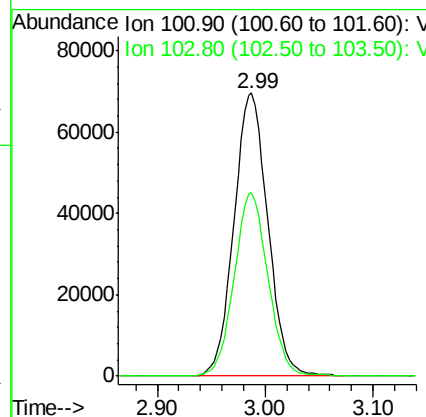
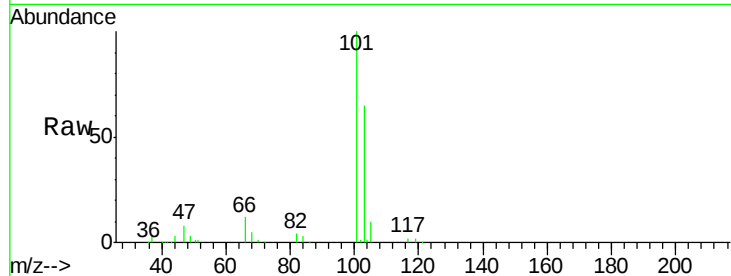
Trichlorofluoromethane
Concen: 45.158 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.5	75.7

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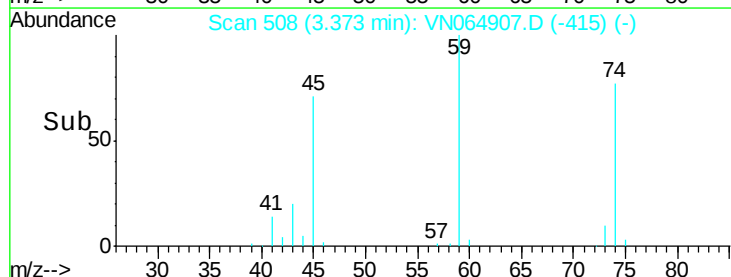
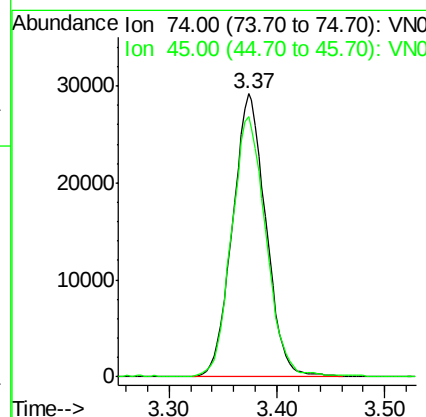
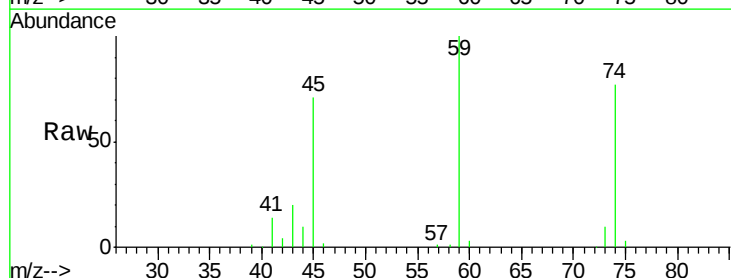
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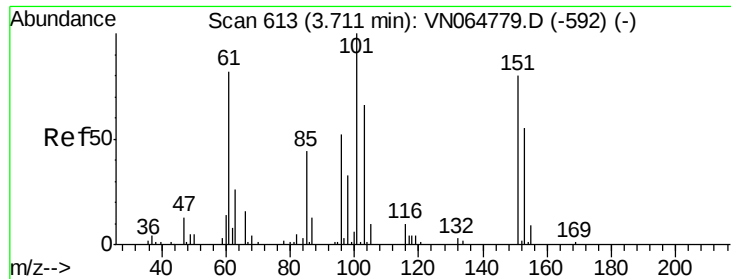


#8

Diethyl Ether
Concen: 47.237 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.659 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

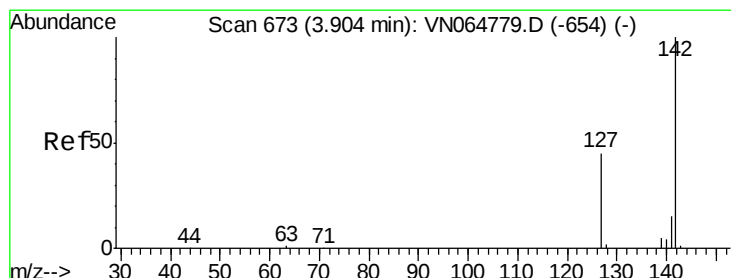
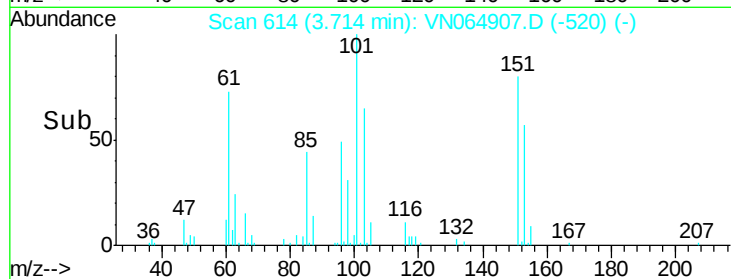
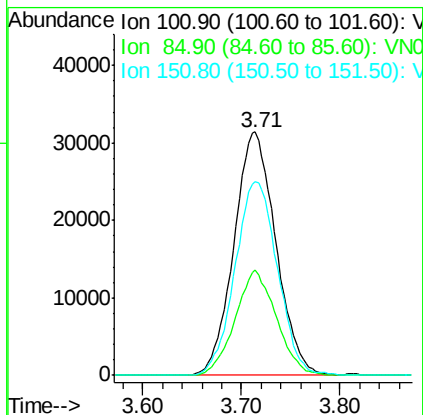
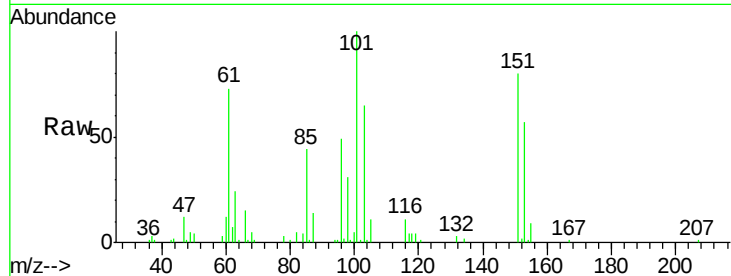
VSTDCCC050EC

Tot Ion:	101	Resp:	92390
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.4	51.6
151	80.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.923 ug/l

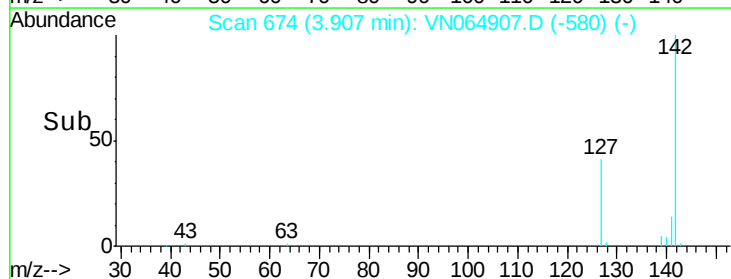
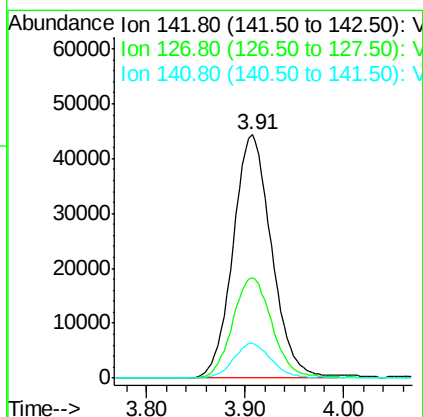
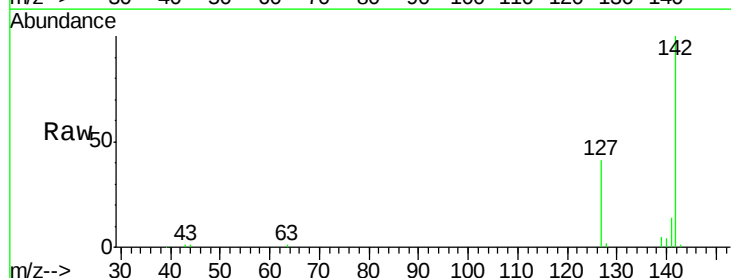
RT: 3.91 min Scan# 674

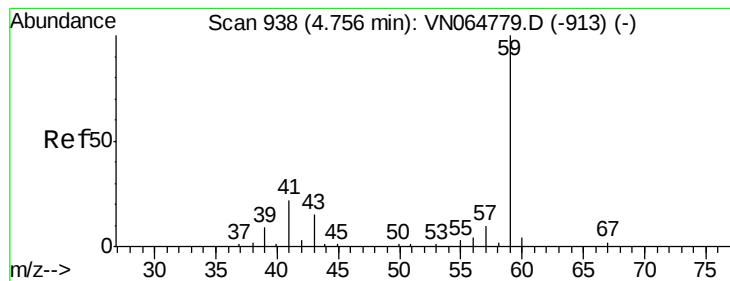
Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	142	Resp:	120531
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.0	52.6
141	13.8	11.8	17.6





#11

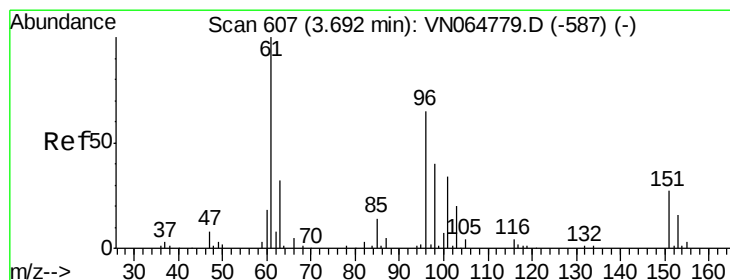
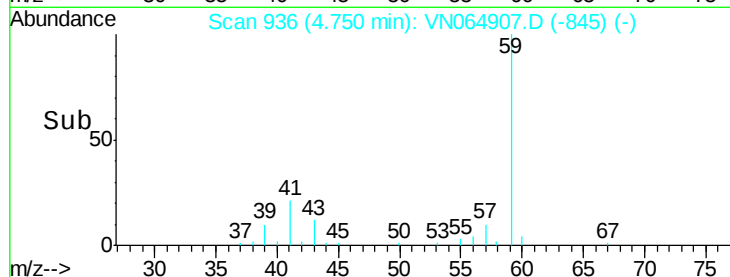
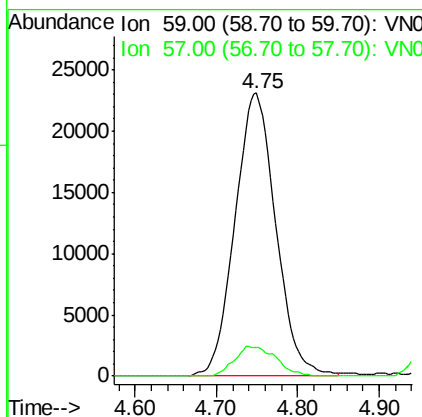
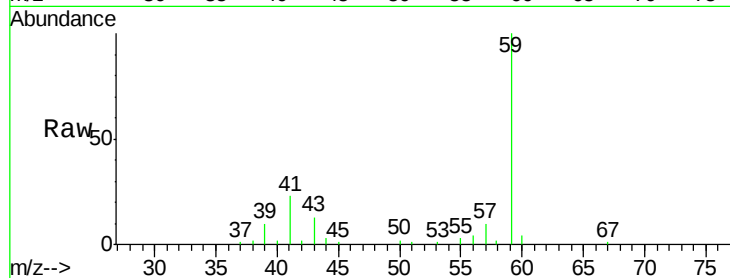
Tert butyl alcohol
Concen: 212.839 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.9	11.9

Manual Integrations
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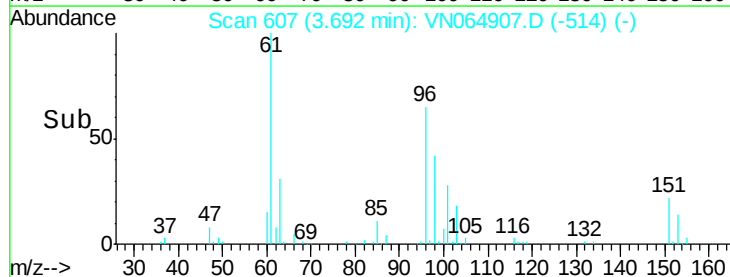
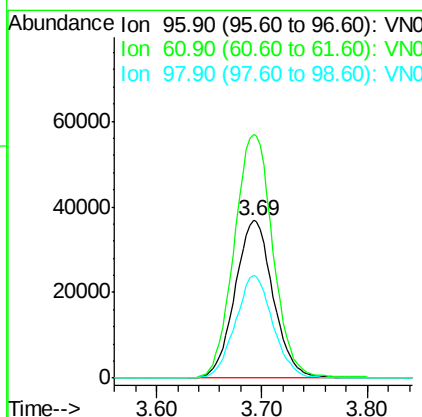
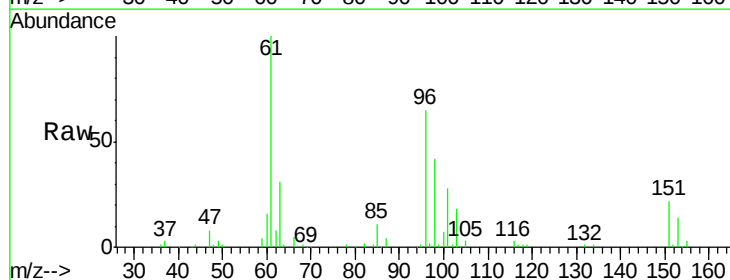
SAM
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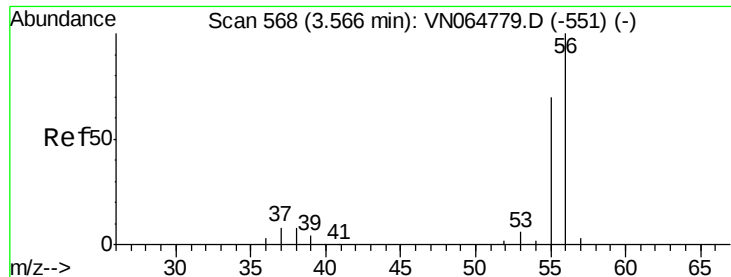


#12

1,1-Dichloroethene
Concen: 45.924 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	123.4	185.2
98	65.4	49.8	74.8





#13

Acrolein

Concen: 341.399 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78572

Ion Ratio Lower Upper

56 100

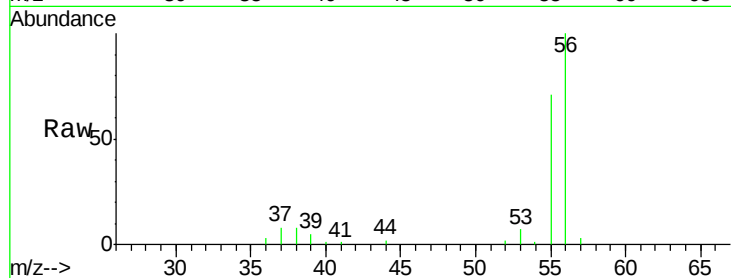
55 72.6 56.5 84.7

Manual Integrations

APPROVED

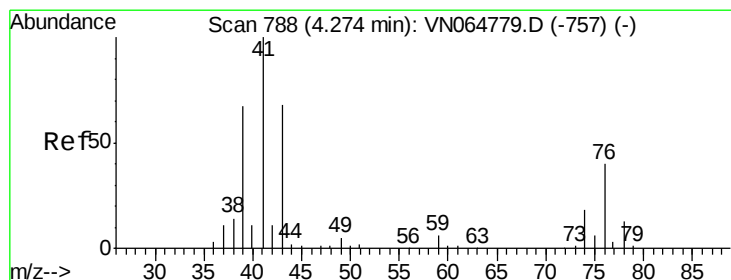
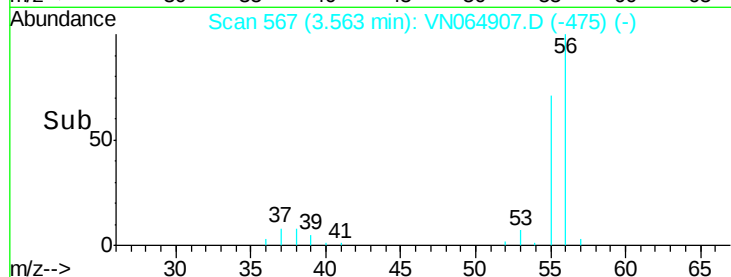
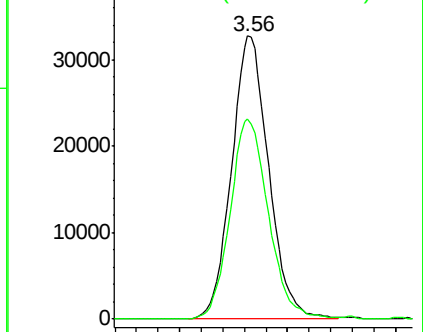
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.822 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

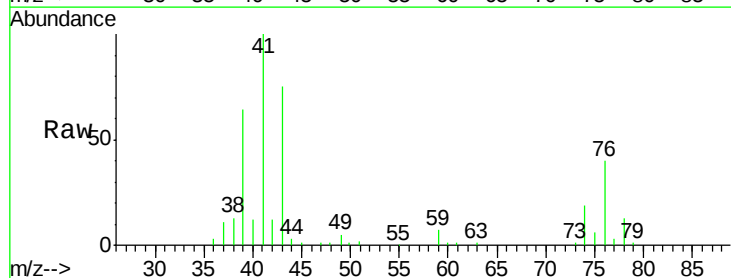
Tgt Ion: 41 Resp: 152303

Ion Ratio Lower Upper

41 100

39 62.3 50.9 76.3

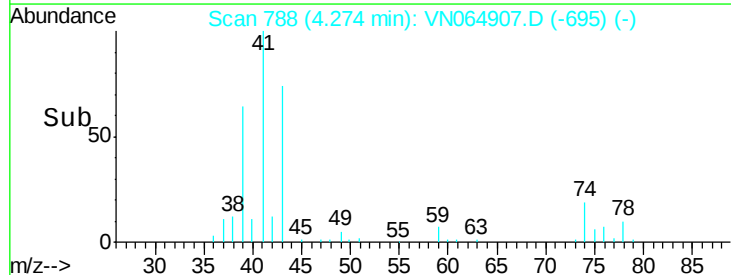
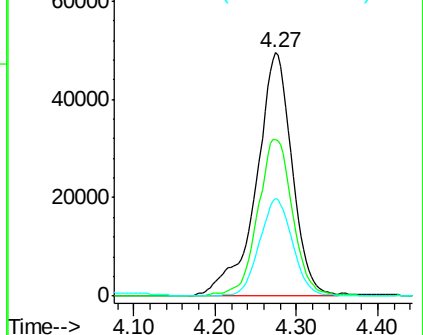
76 36.8 29.0 43.4

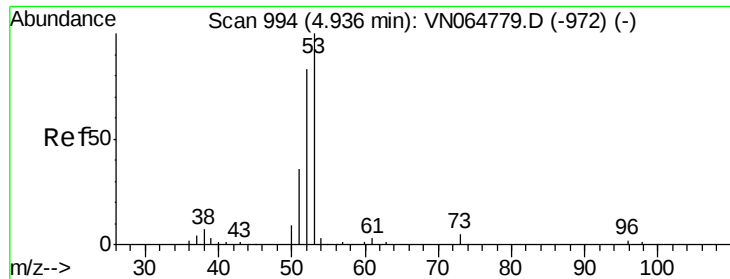


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 239.257 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

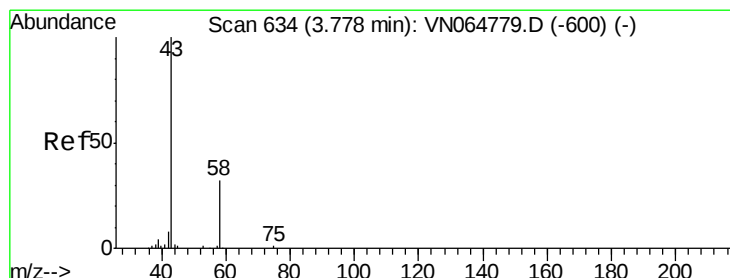
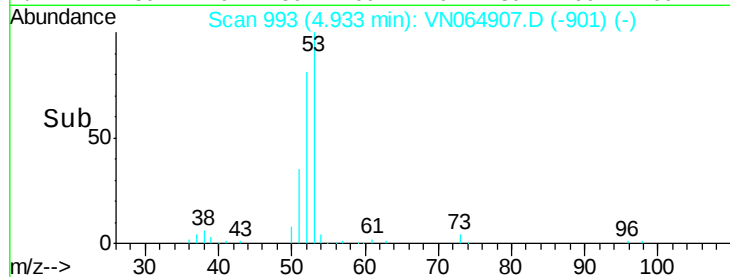
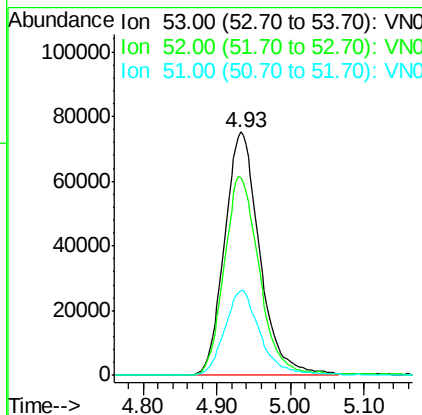
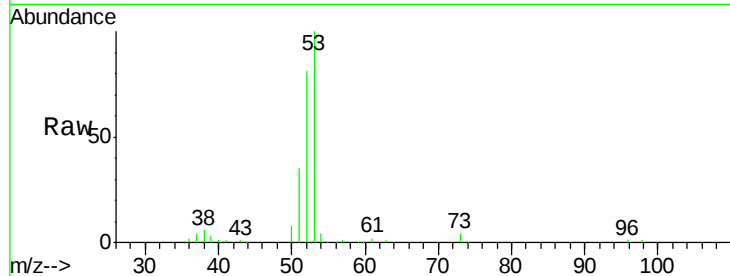
VSTDCCC050EC

Tot Ion:	53	Resp:	249038
Ion Ratio		Lower	Upper
53	100		
52	81.0	65.5	98.3
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 245.147 ug/l

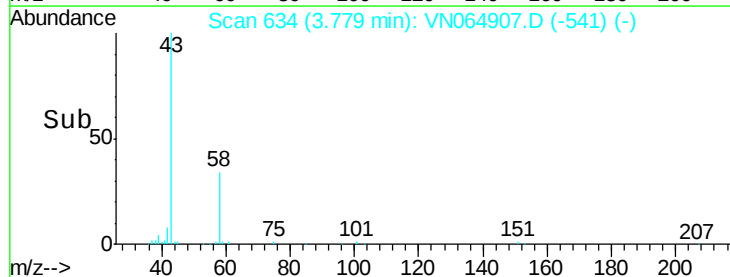
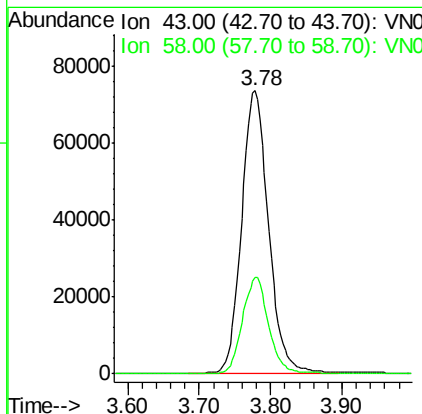
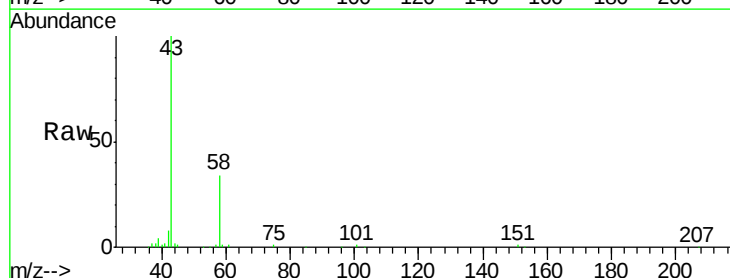
RT: 3.78 min Scan# 634

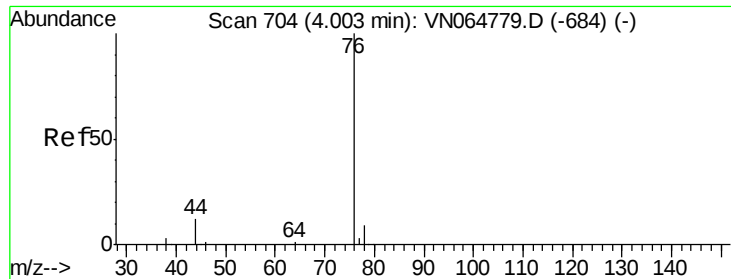
Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	43	Resp:	194700
Ion Ratio		Lower	Upper
43	100		
58	34.1	25.7	38.5





#17

Carbon Disulfide

Concen: 42.925 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 223347

Ion Ratio Lower Upper

76 100

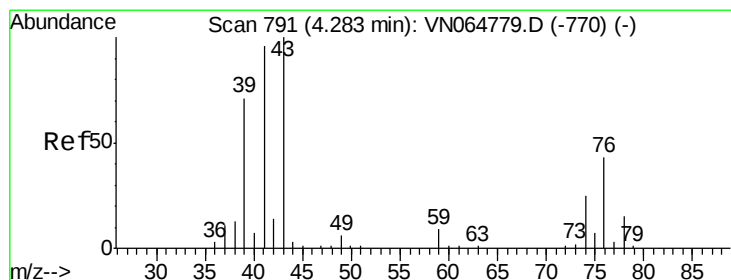
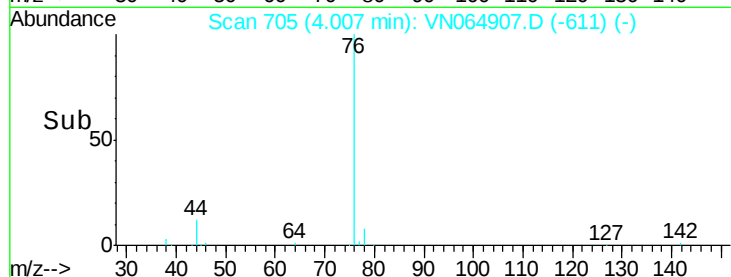
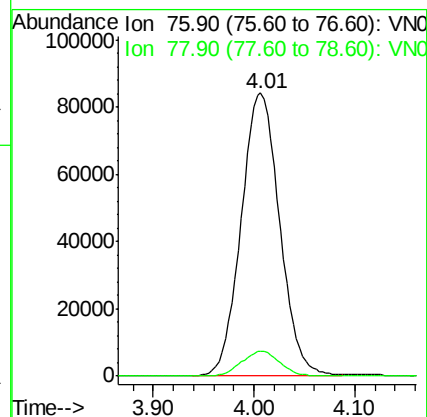
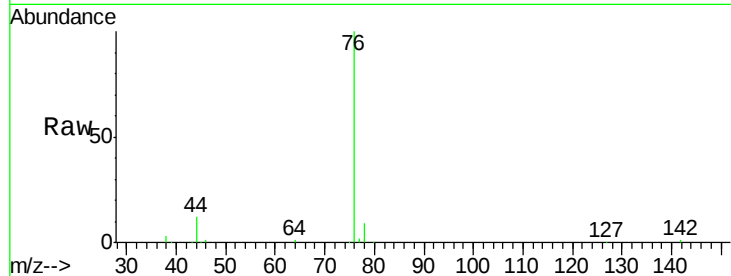
78 8.9 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 47.972 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064907.D

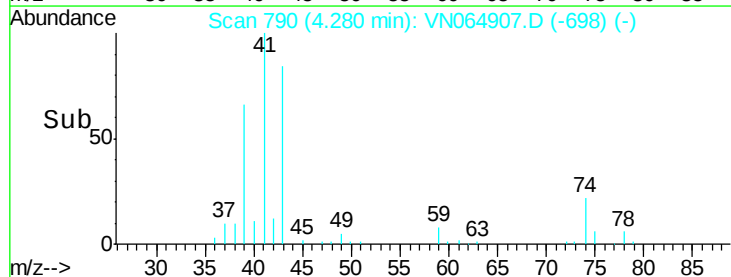
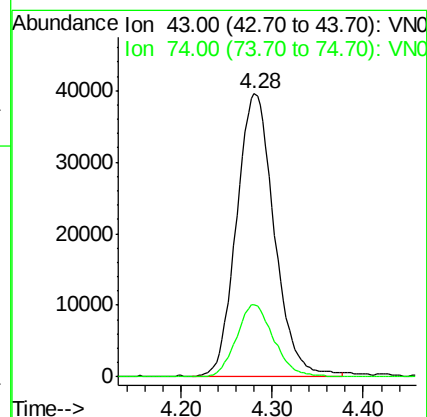
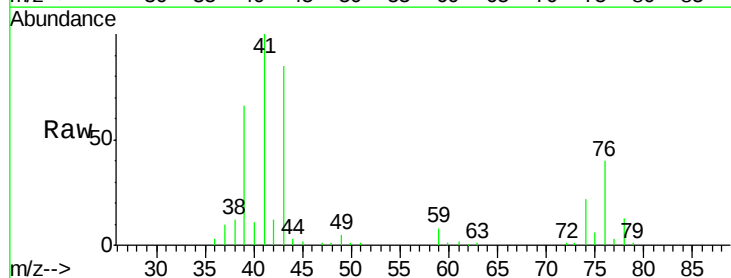
Acq: 3 Dec 2020 18:15

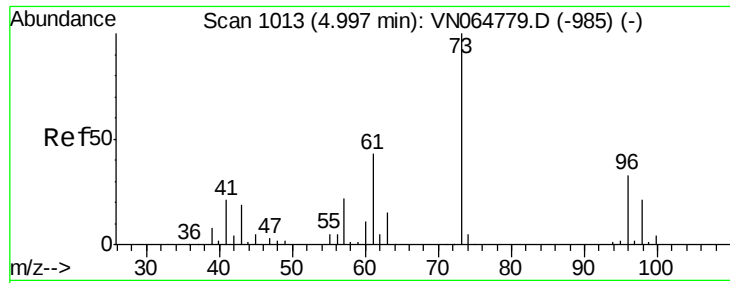
Tgt Ion: 43 Resp: 114550

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2





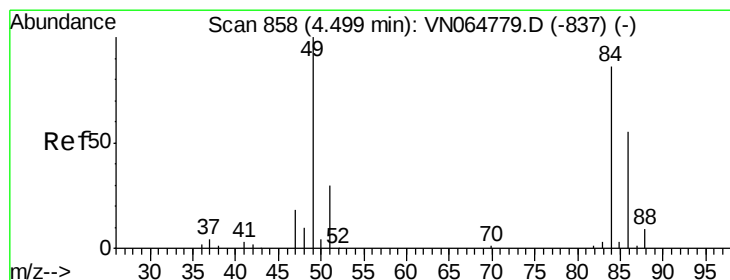
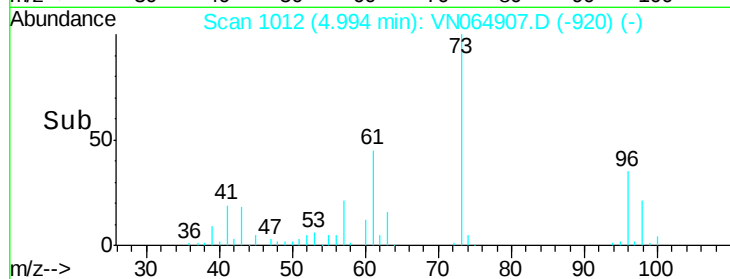
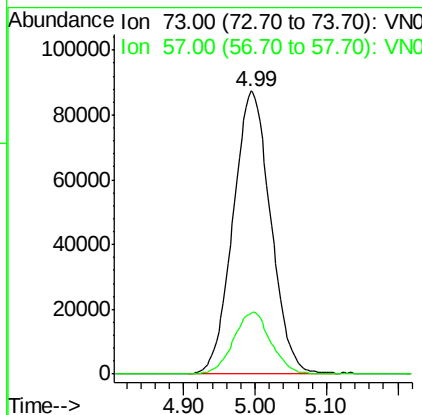
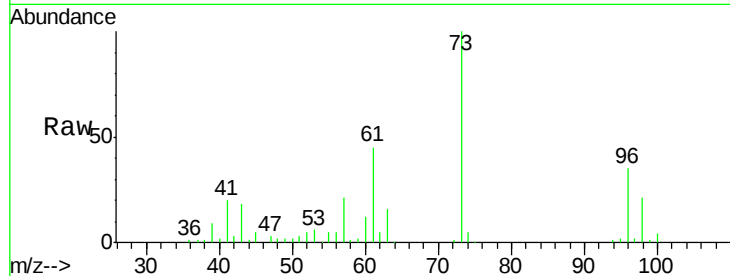
#19
Methvl tert-butvl Ether
Concen: 49.683 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 321115
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

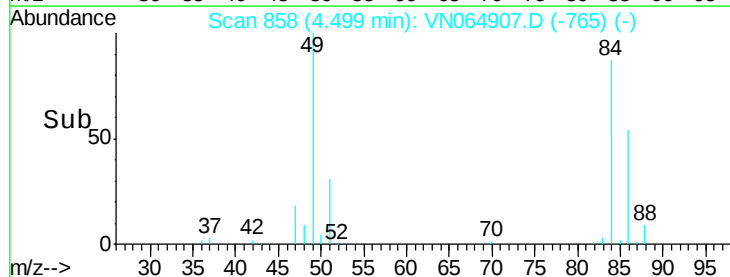
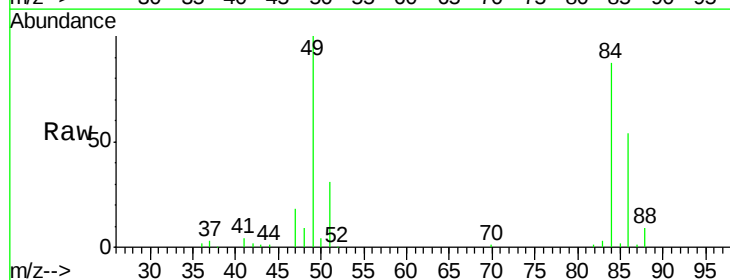
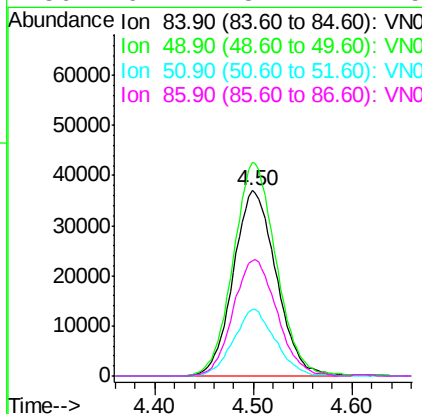
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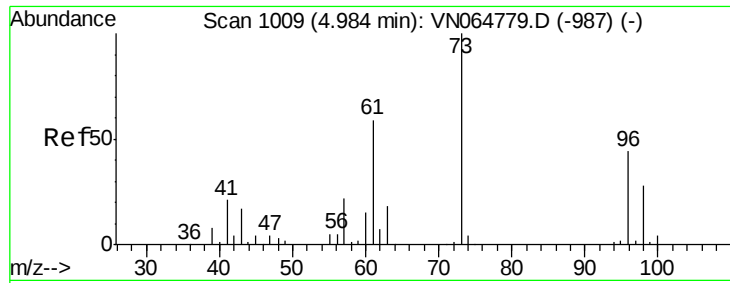
SAM
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#20
Methylene Chloride
Concen: 44.913 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion: 84 Resp: 111777
Ion Ratio Lower Upper
84 100
49 114.6 93.4 140.0
51 35.7 28.2 42.4
86 62.4 51.7 77.5





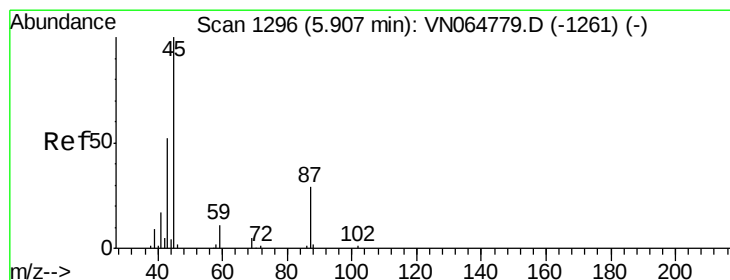
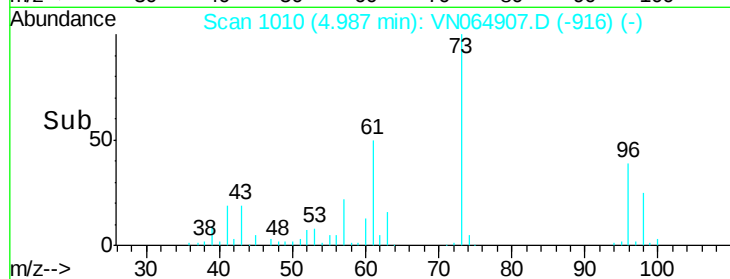
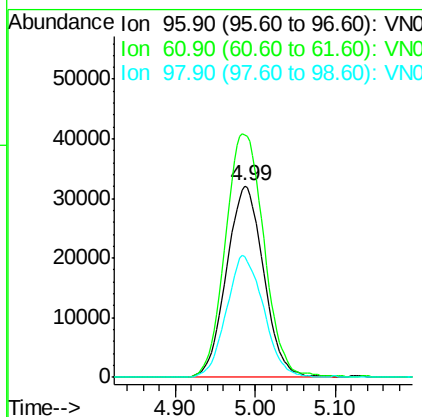
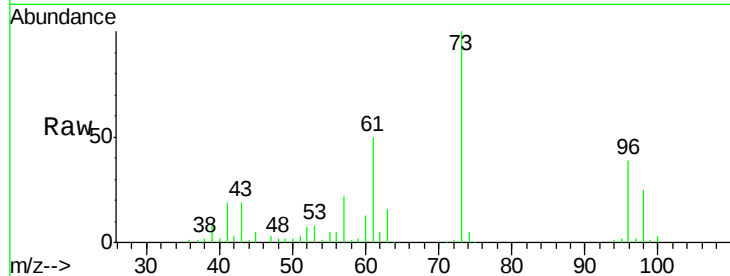
#21
trans-1,2-Dichloroethene
Concen: 45.423 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	108.4	162.6
98	62.9	51.3	76.9

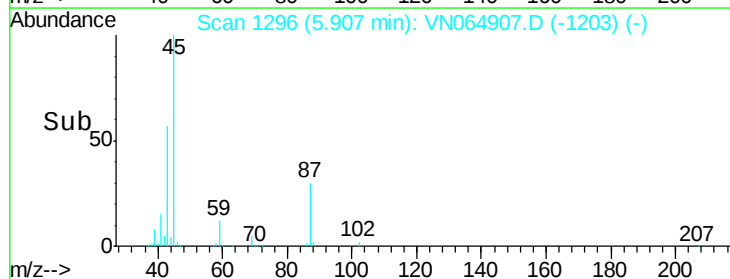
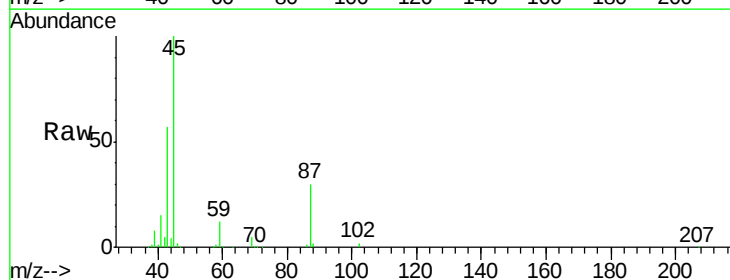
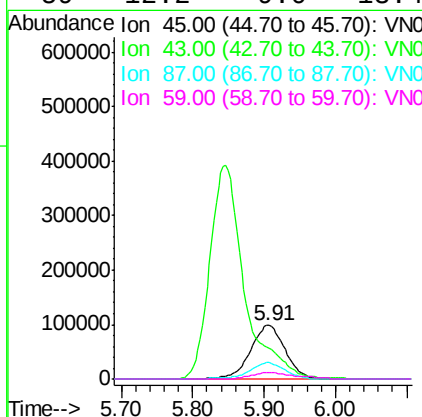
Manual Integrations
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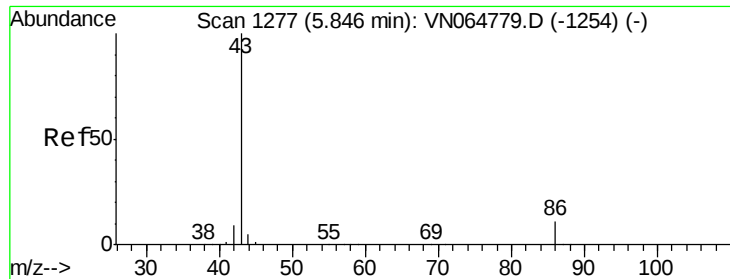
SAM
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#22
Diisopropyl ether
Concen: 49.611 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	46.2	69.2
87	30.0	24.1	36.1
59	12.2	9.0	13.4





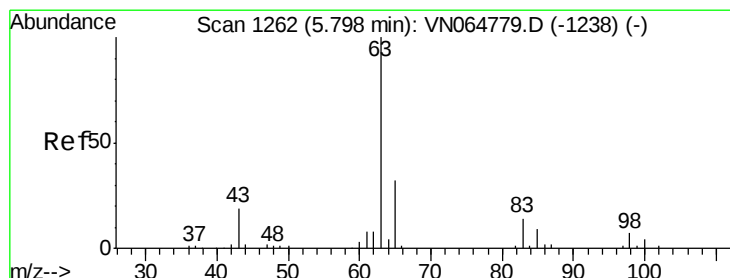
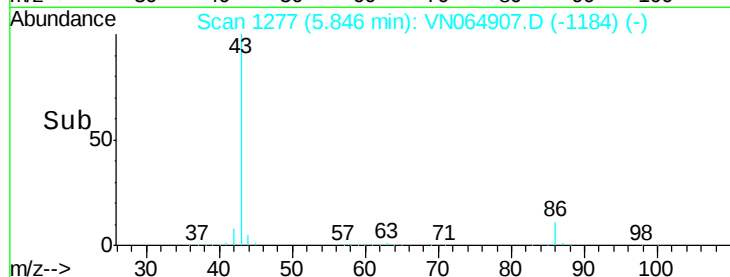
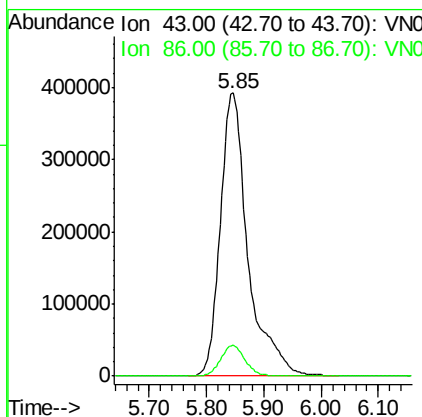
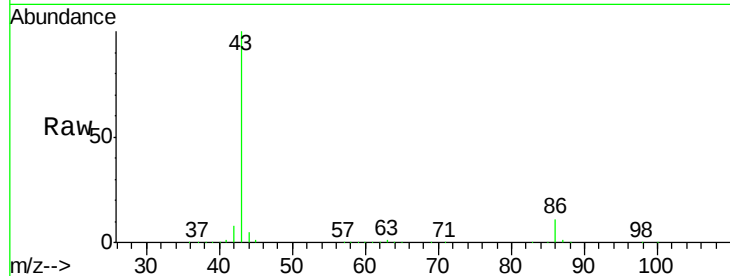
#23
 Vinyl Acetate
 Concen: 248.079 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1319803
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3

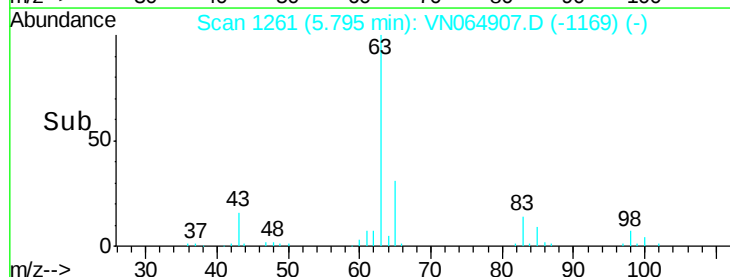
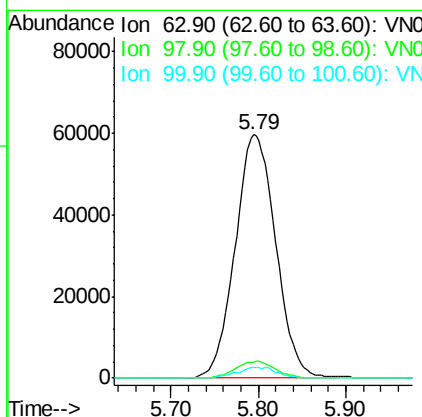
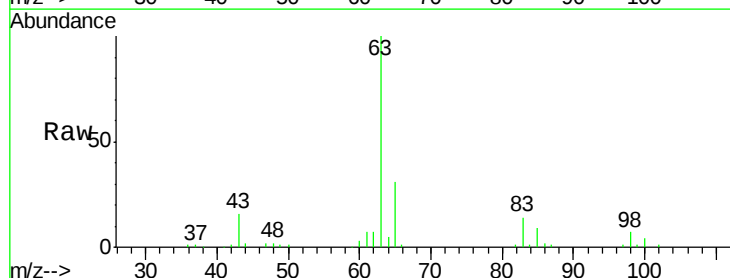
Manual Integrations
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SAM
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#24
 1,1-Dichloroethane
 Concen: 48.282 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion: 63 Resp: 191968
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 243.467 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tot Ion: 43 Resp: 313455

Ion Ratio Lower Upper

43 100

72 28.3 21.0 31.6

Instrument :

MSVOA_N

ClientSampleId :

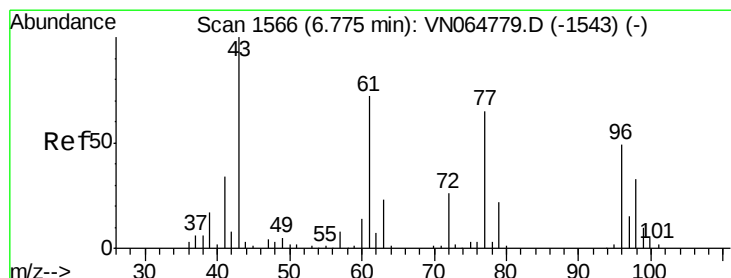
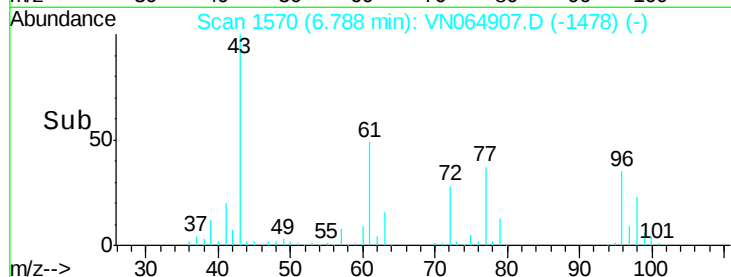
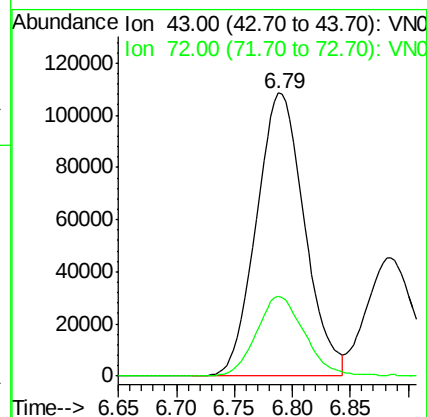
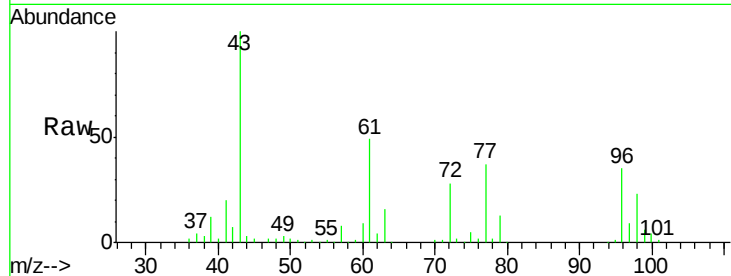
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.011 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064907.D

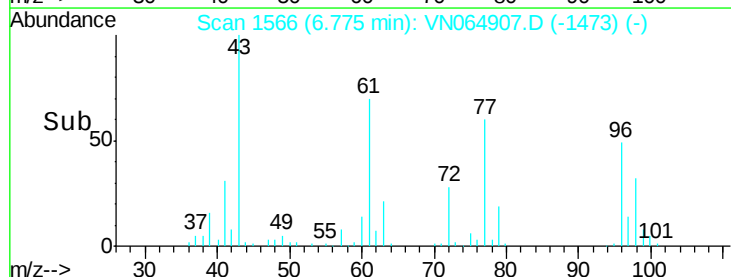
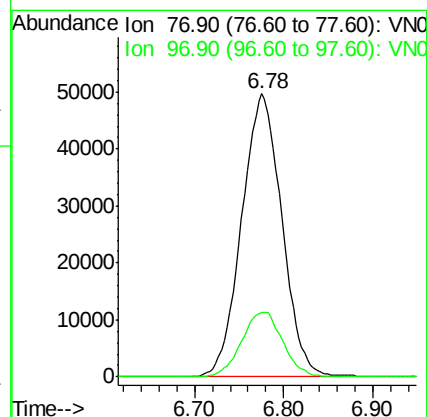
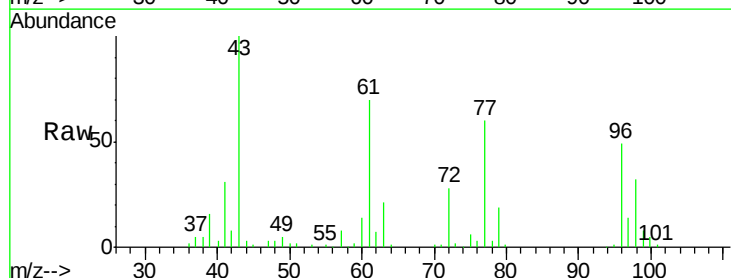
Acq: 3 Dec 2020 18:15

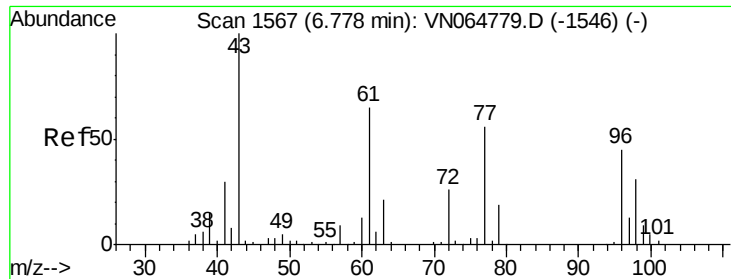
Tgt Ion: 77 Resp: 155214

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





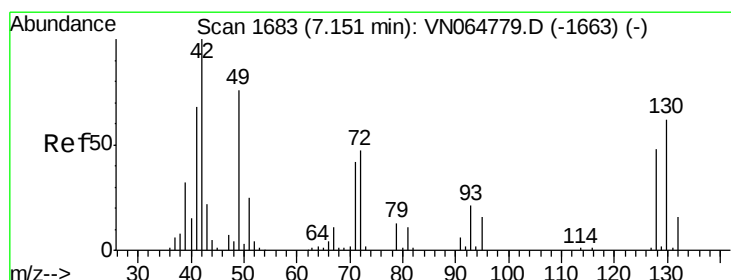
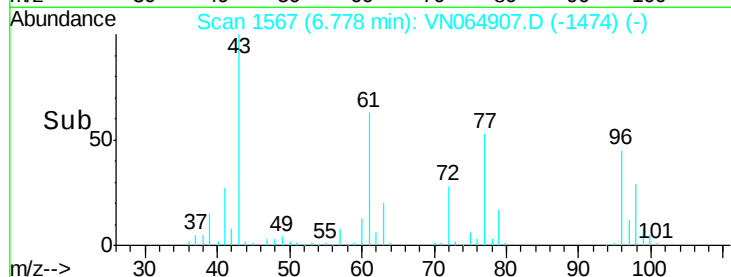
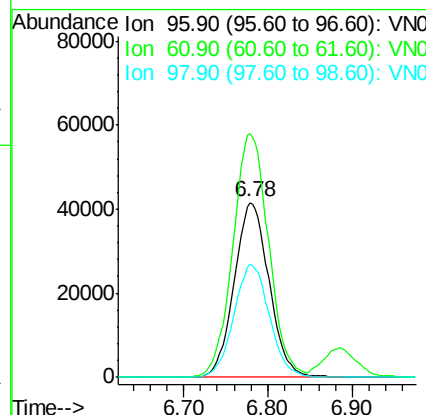
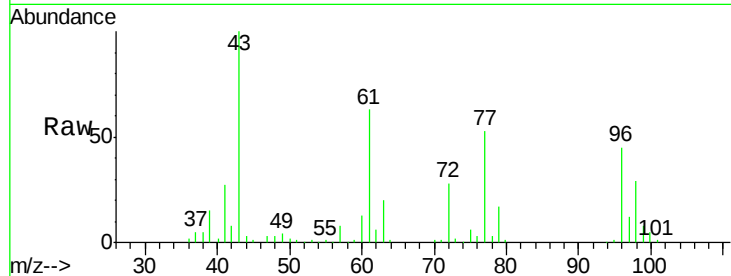
#27
 cis-1,2-Dichloroethene
 Concen: 47.597 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.3	0.0	285.8	
98	65.8	0.0	130.6	

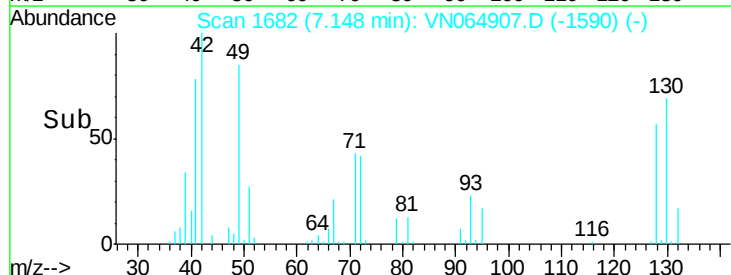
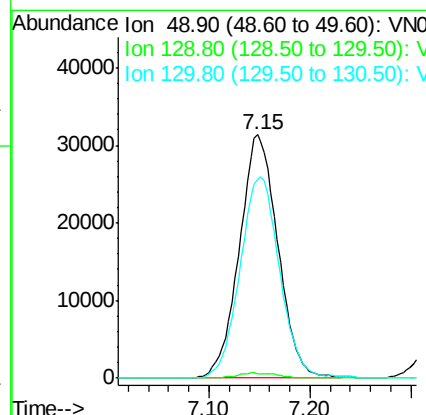
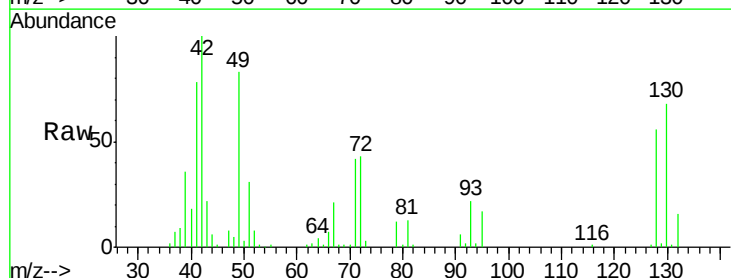
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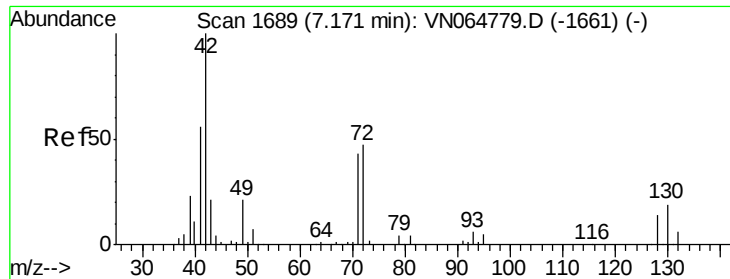
SAM
 12/4/2020 5:42:54 PM



#28
 Bromochloromethane
 Concen: 45.677 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	84.5	66.2	99.2	





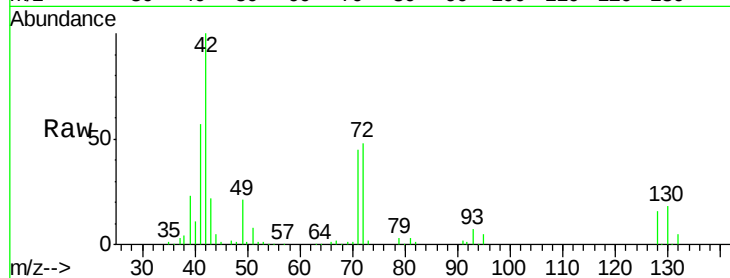
#29
Tetrahydrofuran
Concen: 231.806 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

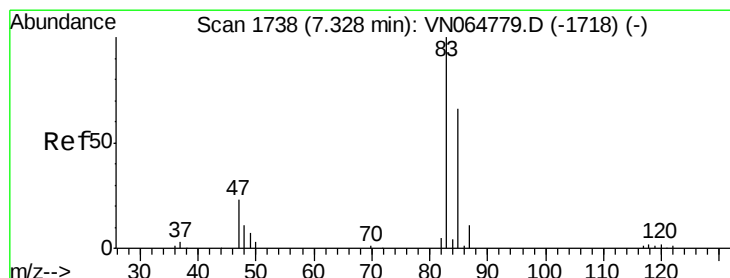
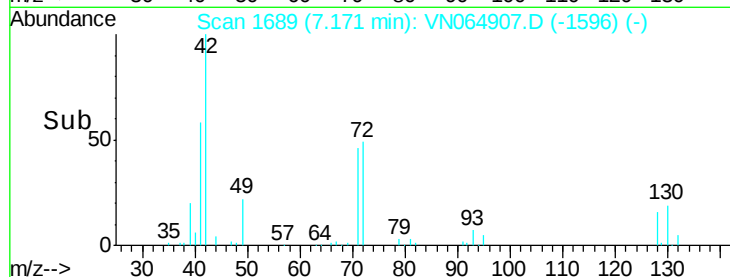
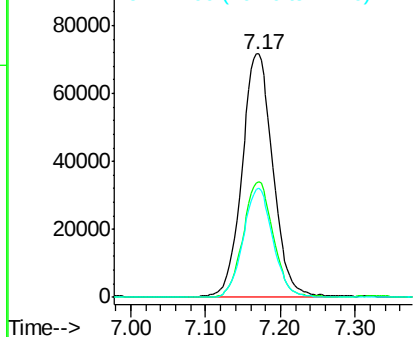
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.6	54.8
71	43.0	33.6	50.4

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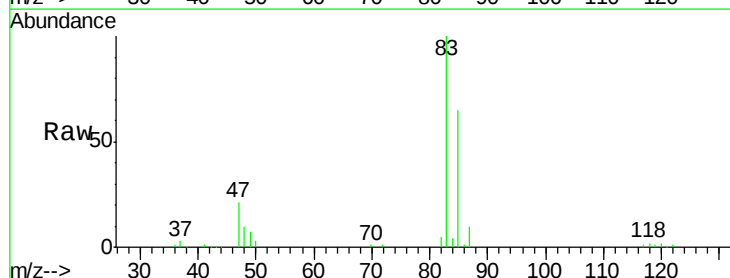


Abundance Ion 42.00 (41.70 to 42.70): VN064907.D (-1596) (-)
Ion 72.00 (71.70 to 72.70): VN064907.D (-1596) (-)
Ion 71.00 (70.70 to 71.70): VN064907.D (-1596) (-)

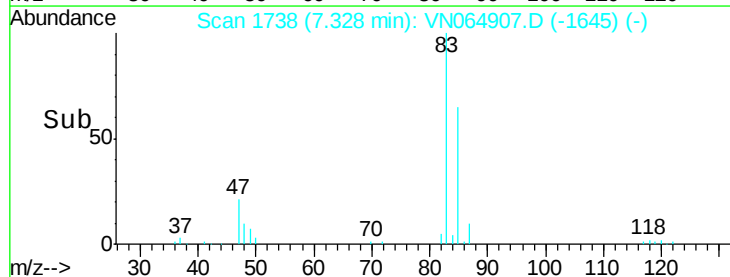
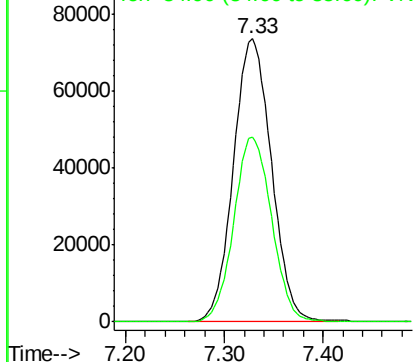


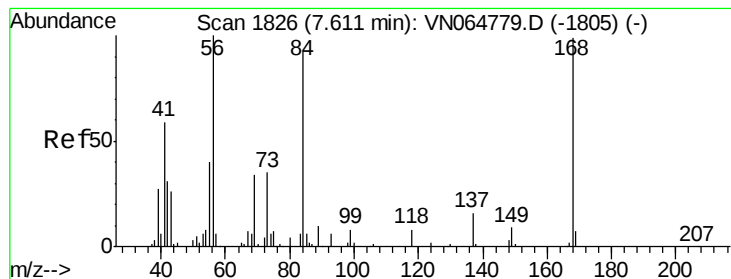
#30
Chloroform
Concen: 48.063 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064907.D (-1645) (-)
Ion 84.90 (84.60 to 85.60): VN064907.D (-1645) (-)





#31

Cyclohexane

Concen: 43.577 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleID :

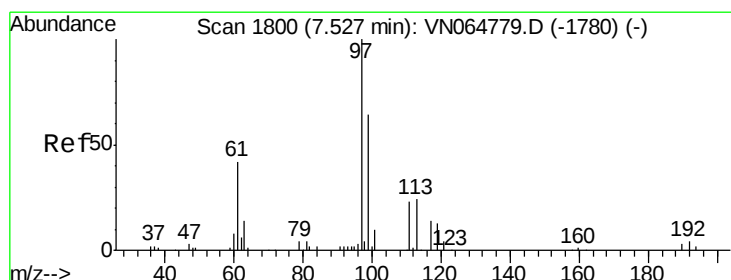
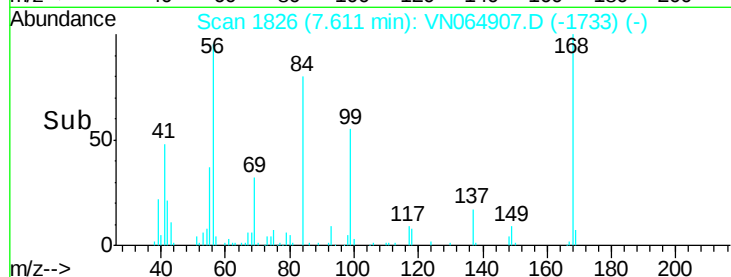
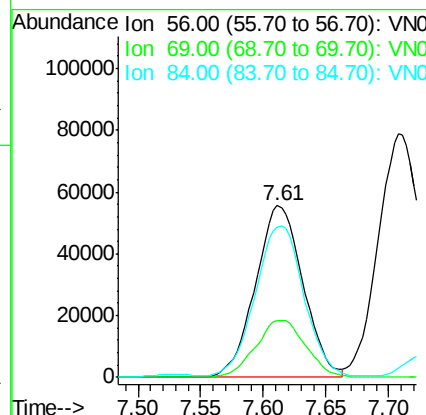
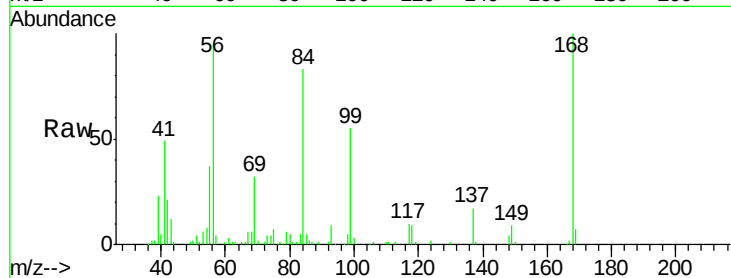
VSTDCCC050EC

Tot Ion:	56	Resp:	146741
Ion Ratio	Lower	Upper	
56	100		
69	33.1	27.5	41.3
84	86.6	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 47.213 ug/l

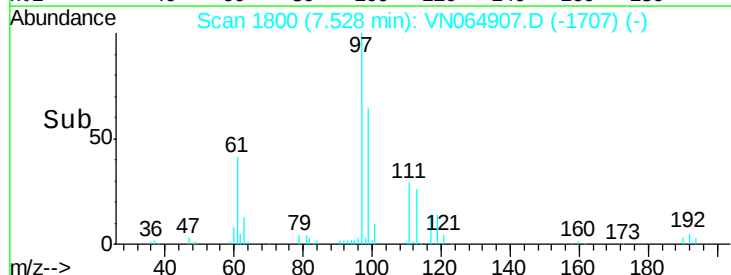
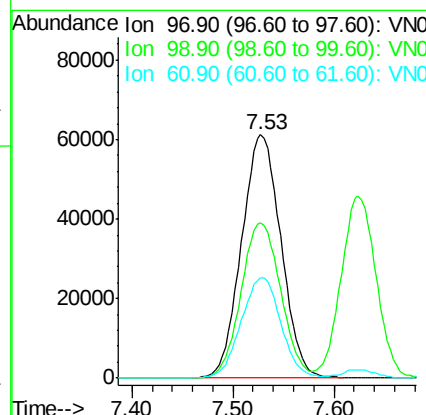
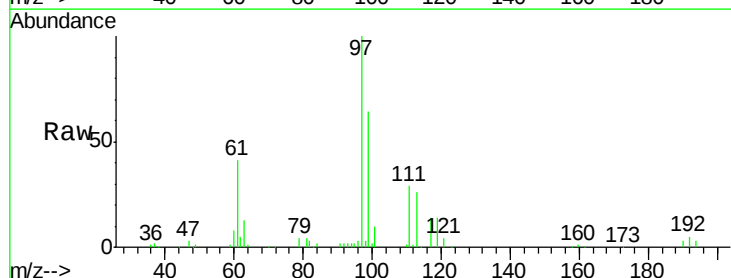
RT: 7.53 min Scan# 1800

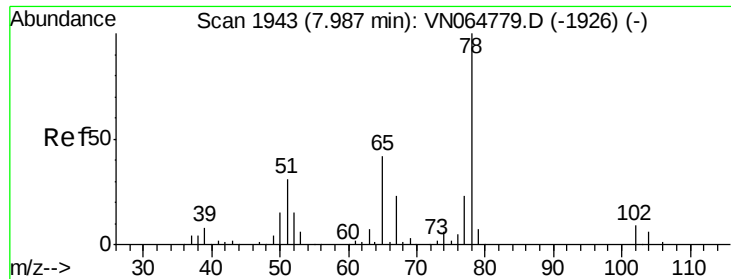
Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	97	Resp:	166262
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.7	77.5
61	41.5	33.9	50.9





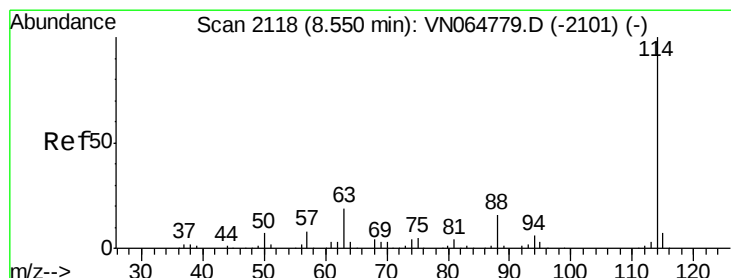
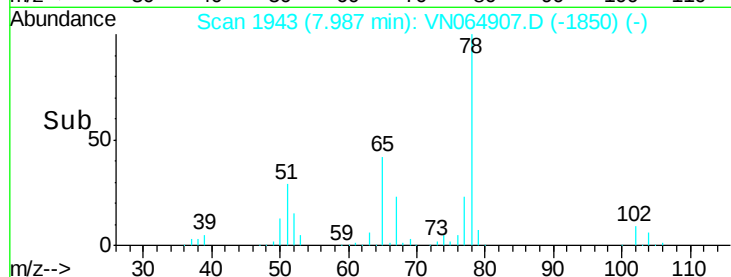
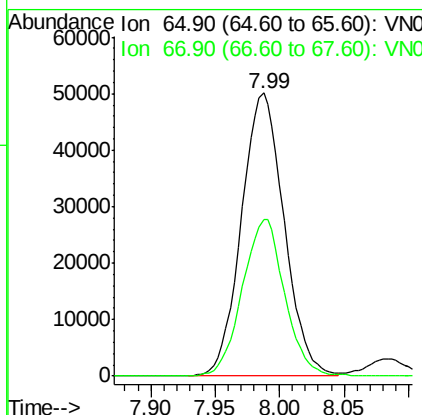
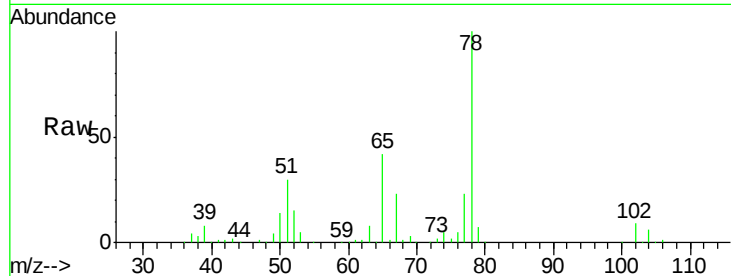
#33
 1,2-Dichloroethane-d4
 Concen: 47.804 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.8	0.0	108.2	

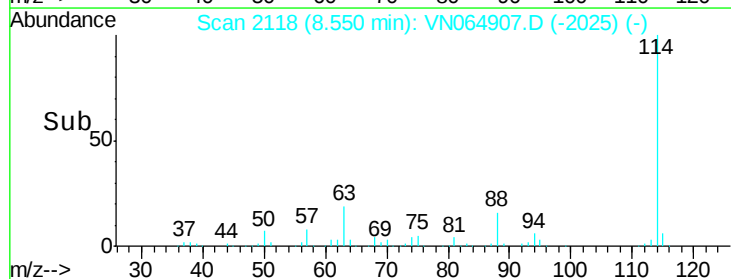
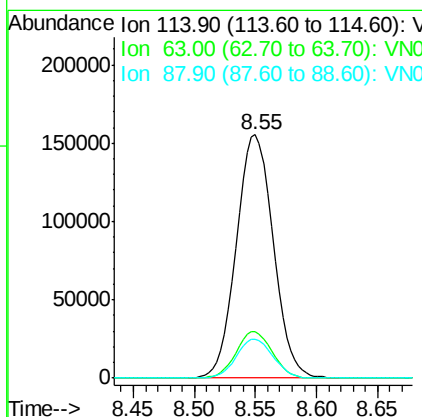
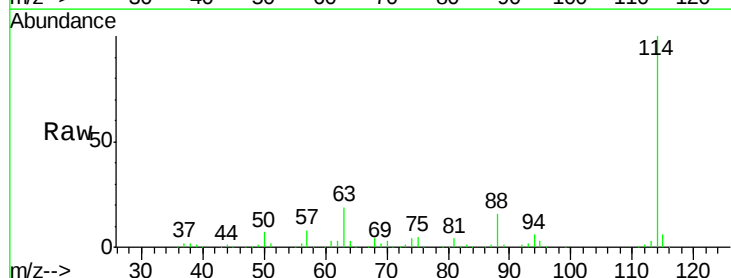
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	38.6	
88	15.9	0.0	32.6	





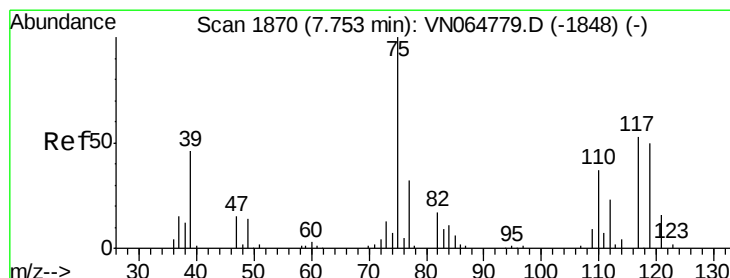
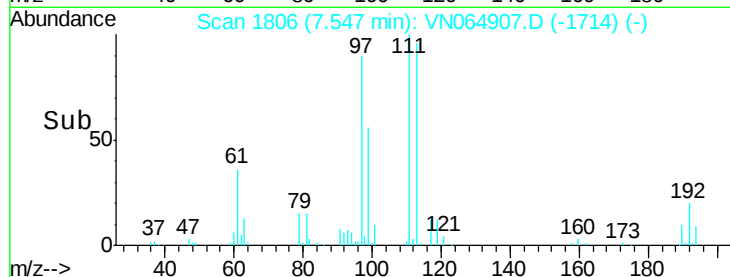
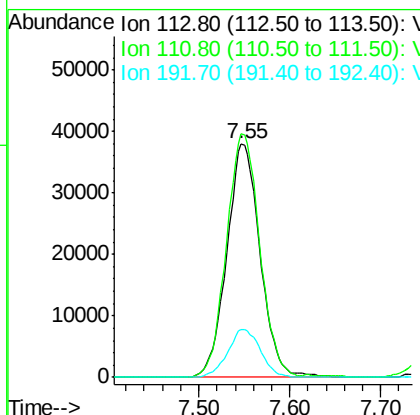
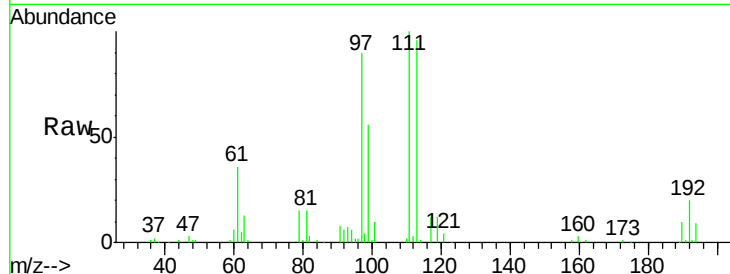
#35
Dibromofluoromethane
Concen: 49.453 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96393		
111	104.3	81.6	122.4	
192	20.2	16.2	24.2	

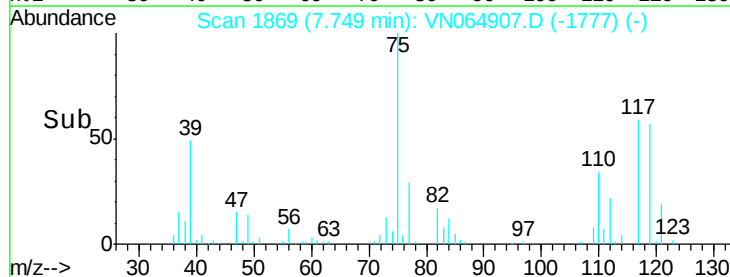
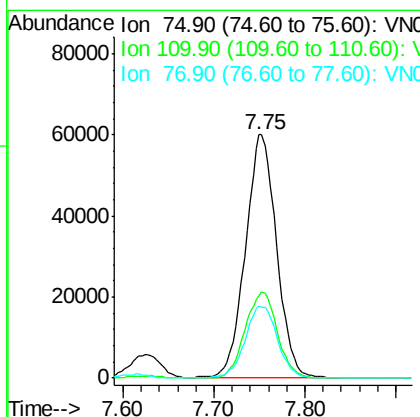
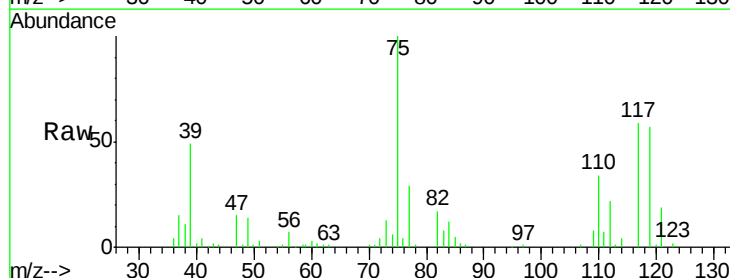
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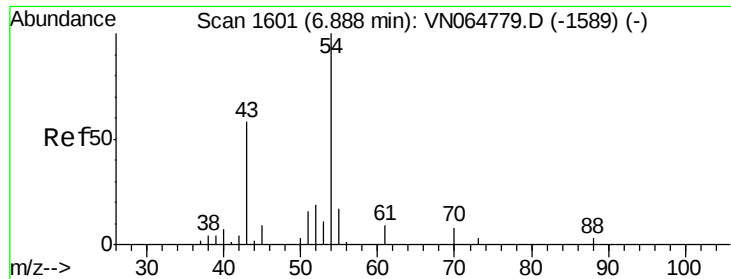
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#36
1,1-Dichloropropene
Concen: 47.058 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142086		
110	36.6	17.8	53.3	
77	30.8	25.0	37.4	





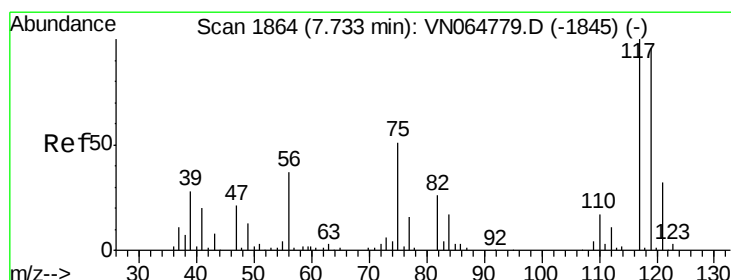
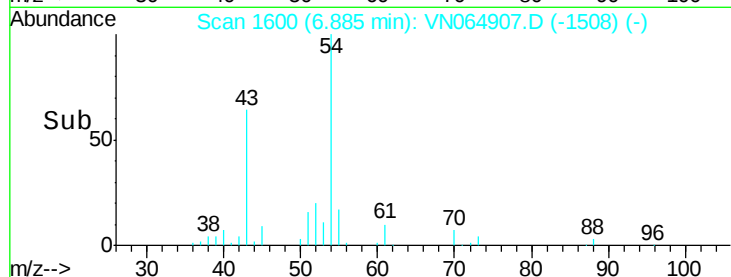
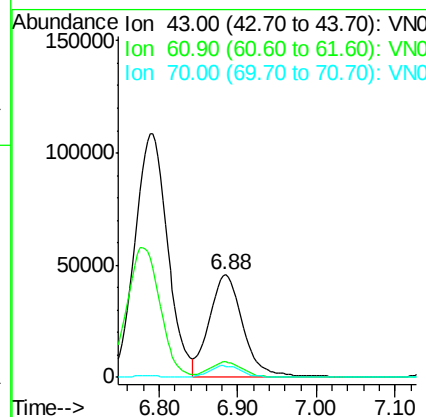
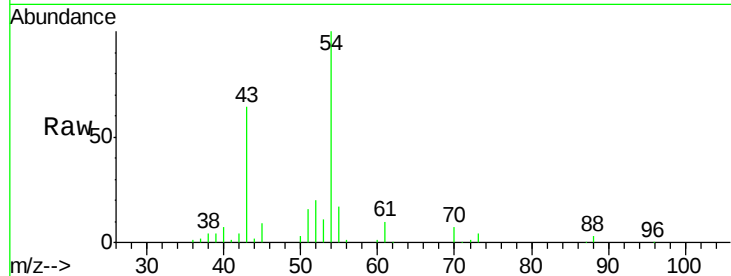
#37
Ethyl Acetate
Concen: 45.972 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.8	19.2
70	10.9	8.8	13.2

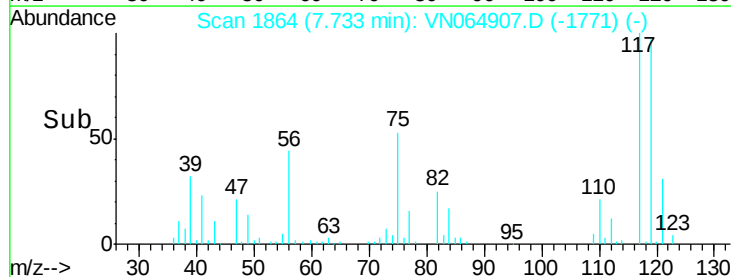
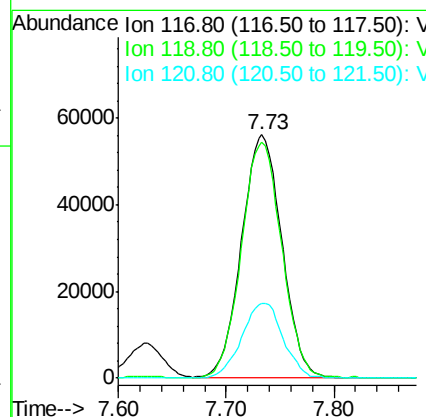
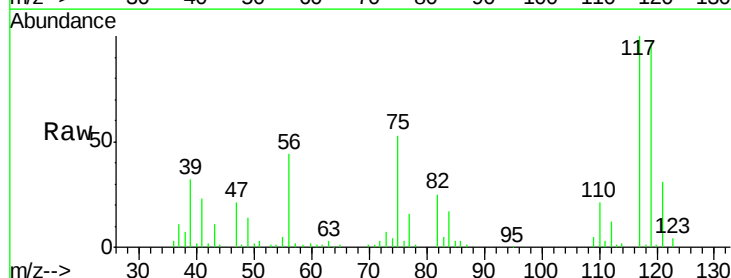
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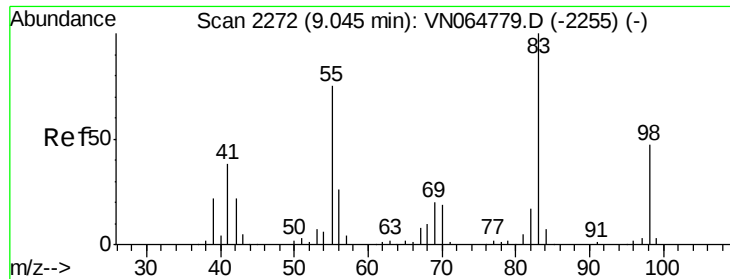
SAM
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#38
Carbon Tetrachloride
Concen: 46.507 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.7	115.1
121	30.6	25.4	38.2





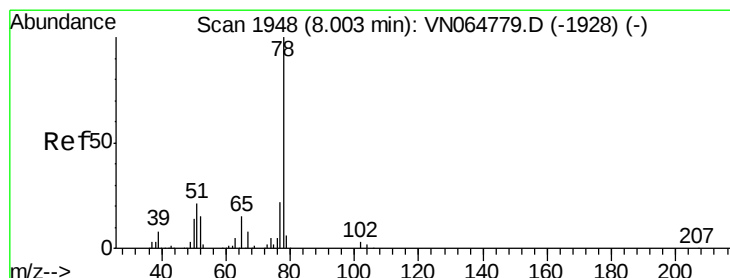
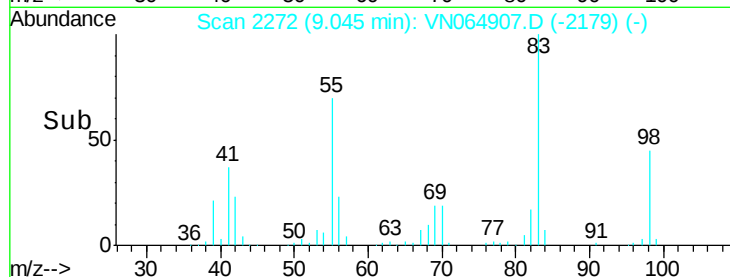
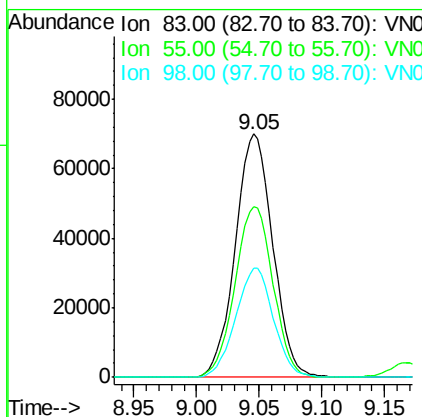
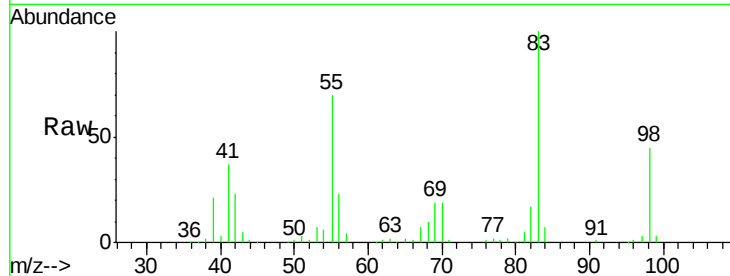
#39
Methvlcvclohexane
Concen: 44.802 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	145626
Ion Ratio	100	Lower	Upper
83	100		
55	70.4	60.2	90.2
98	44.7	37.4	56.2

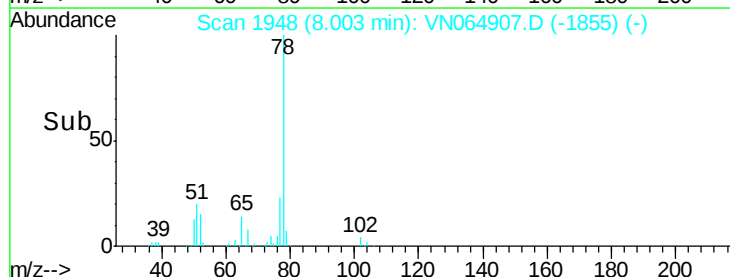
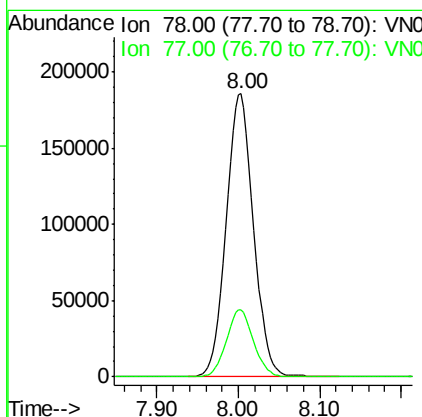
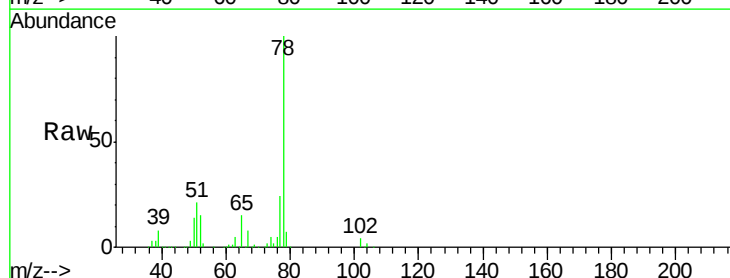
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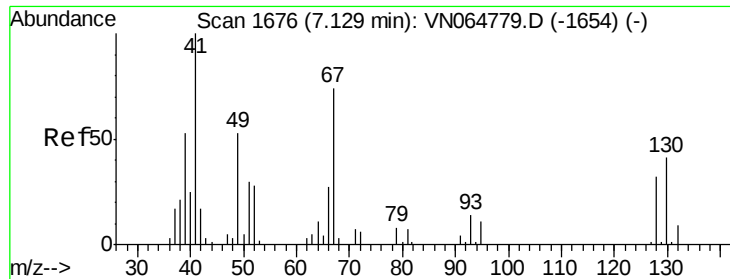
SAM
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#40
Benzene
Concen: 47.168 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	78	Resp	436421
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	17.9	26.9





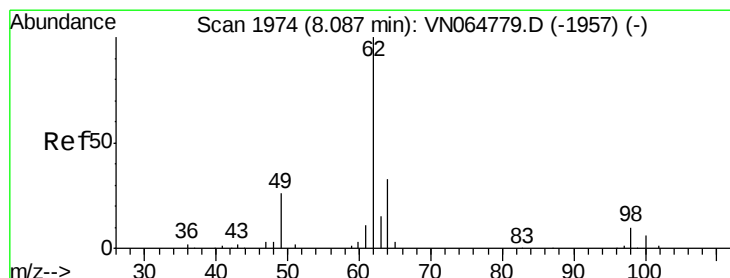
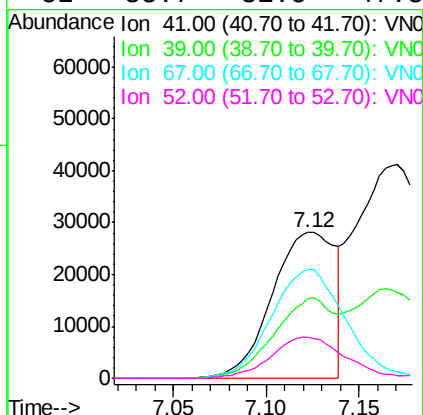
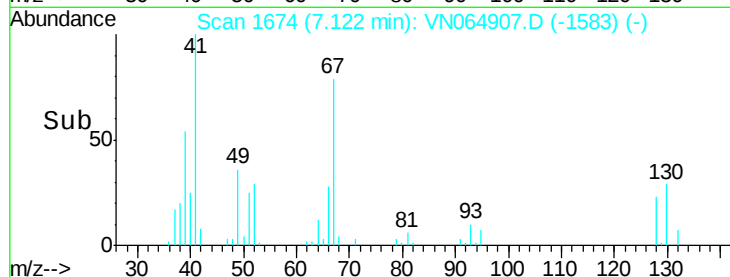
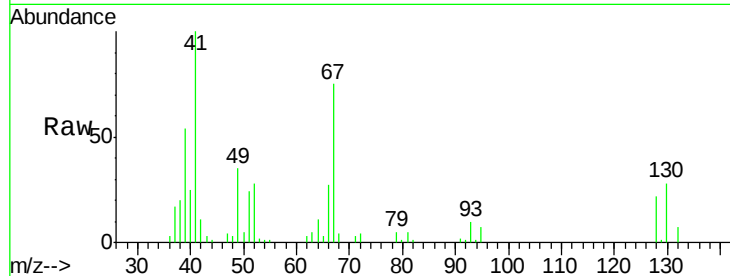
#41
Methacrylonitrile
Concen: 49.424 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	66329
Ion	Ratio	Lower	Upper
41	100		
39	52.2	51.0	76.6
67	88.3	79.8	119.8
52	33.7	31.5	47.3

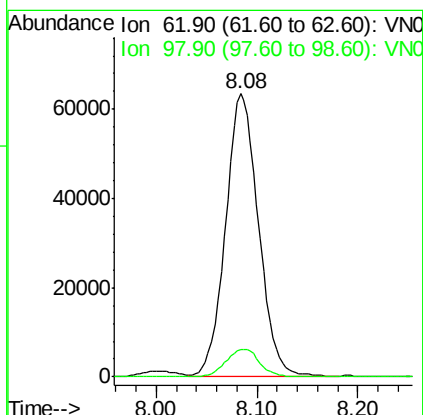
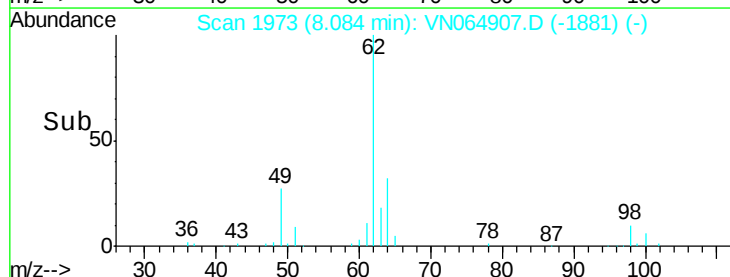
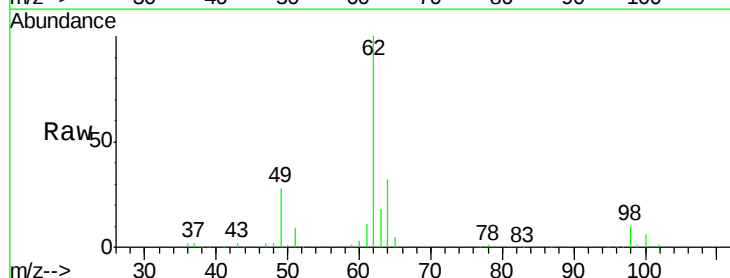
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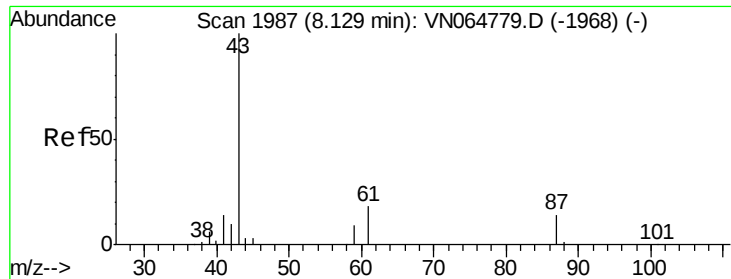
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#42
1,2-Dichloroethane
Concen: 45.926 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion:	62	Resp:	143349
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 46.677 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

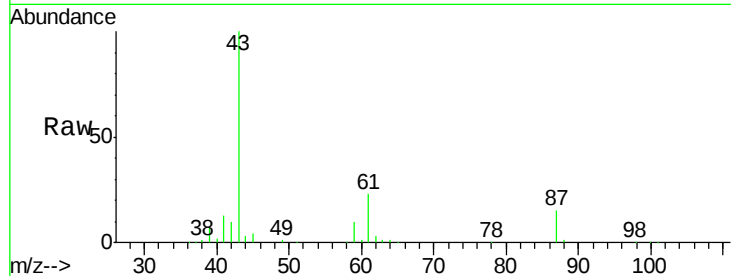
VSTDCCC050EC

Tot Ion:	43	Resp:	218454
Ion Ratio	Lower	Upper	
43	100		
61	29.3	17.2	25.8#
87	14.3	11.4	17.0

Manual Integrations
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12/4/2020 5:42:54 PM

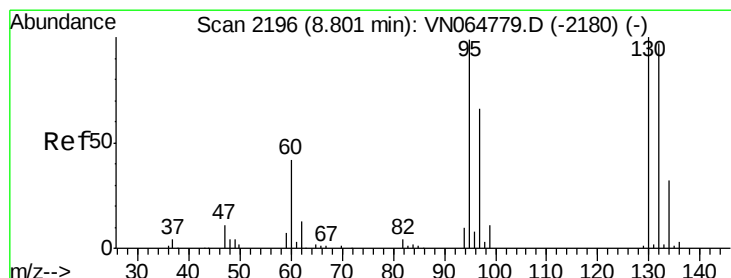
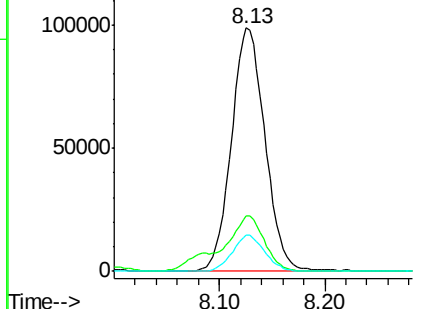
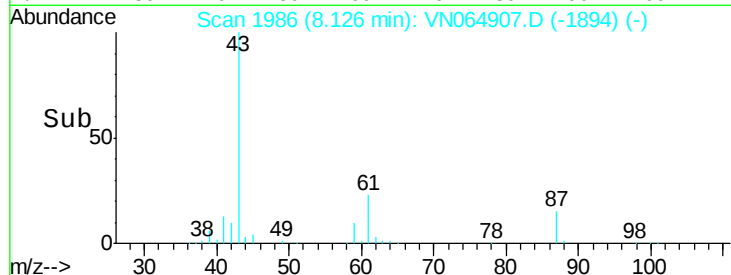


Abundance Ion 43.00 (42.70 to 43.70): VN064907.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064907.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064907.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 46.274 ug/l

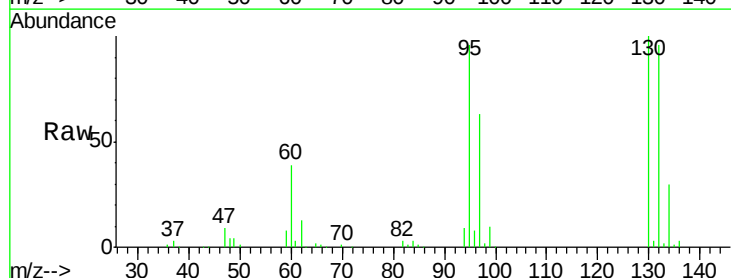
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

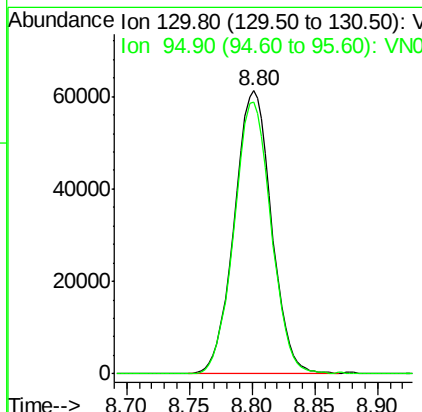
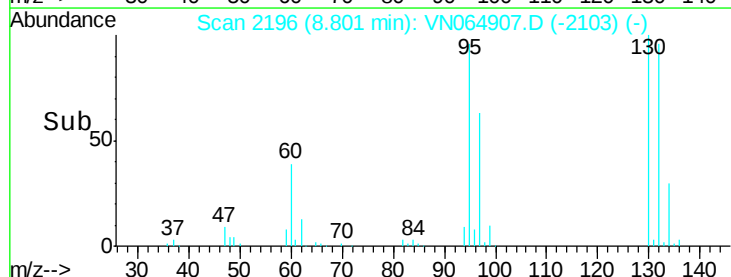
Tgt Ion:	130	Resp:	126326
Ion Ratio	Lower	Upper	
130	100		
95	96.2	0.0	197.8

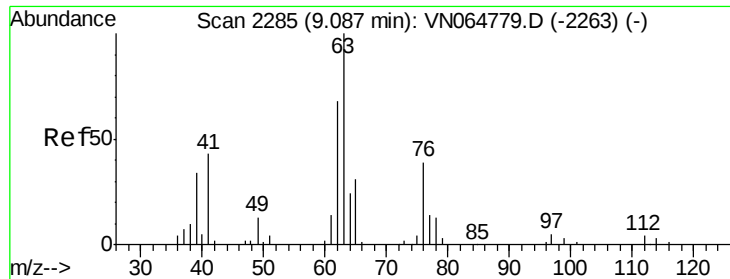


Abundance Ion 129.80 (129.50 to 130.50): VN064907.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064907.D (-2180) (-)

Time-->





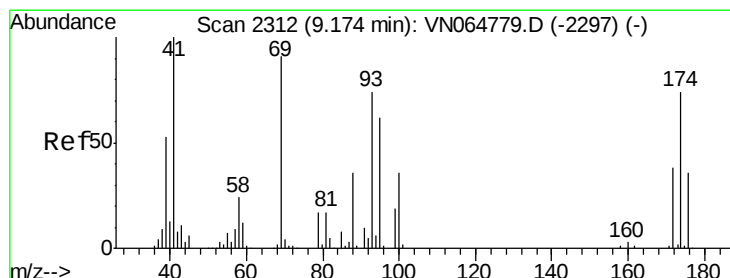
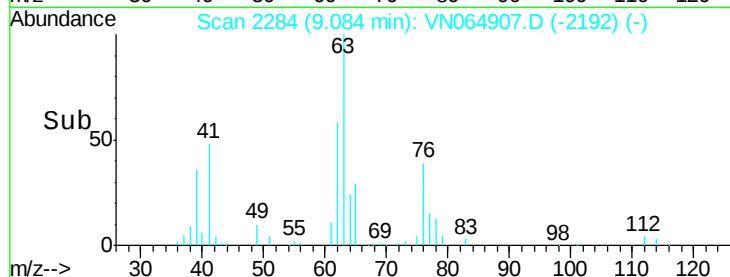
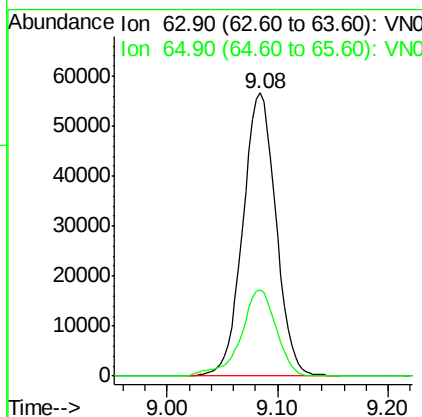
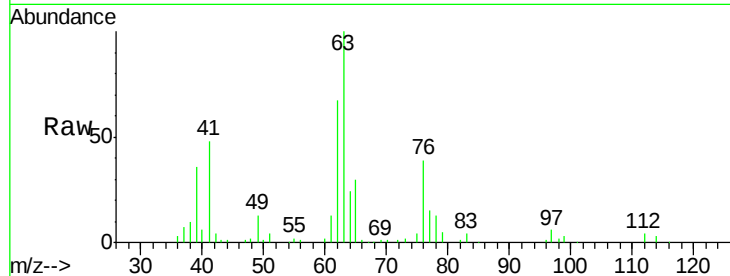
#45
 1,2-Dichloropropane
 Concen: 49.119 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 117695
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4

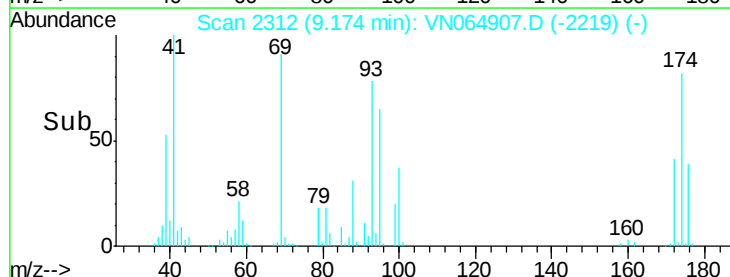
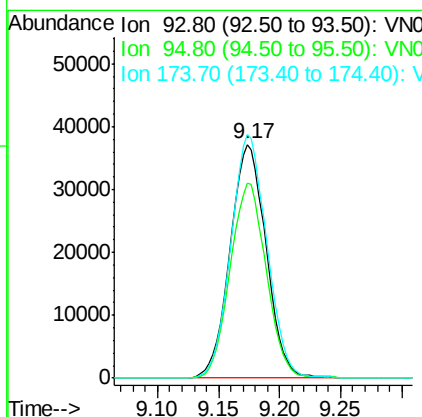
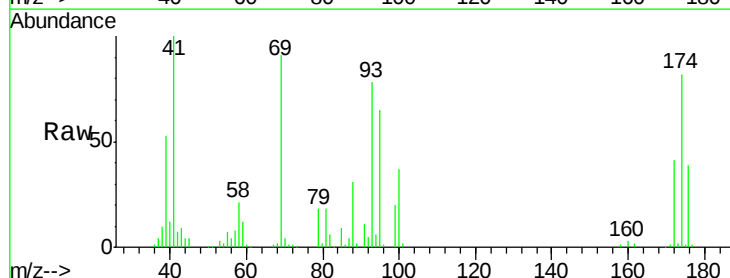
Manual Integrations
 APPROVED

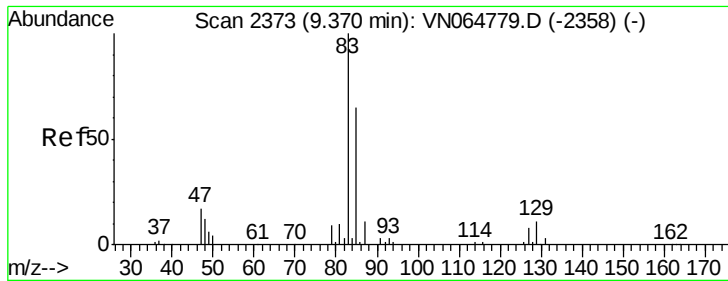
SAM
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#46
 Dibromomethane
 Concen: 47.598 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion: 93 Resp: 76193
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.8 103.2
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 48.400 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

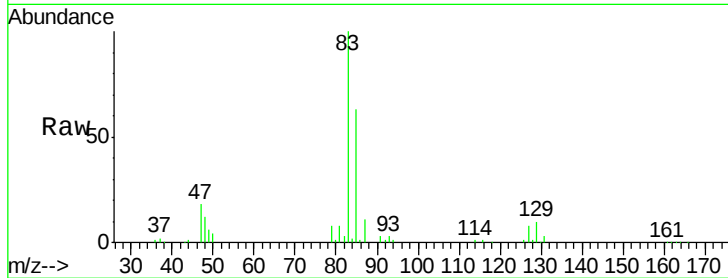
VSTDCCC050EC

Tot Ion:	83	Resp:	155893
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.8	77.8
127	8.3	6.8	10.2

Manual Integrations
APPROVED

SAM

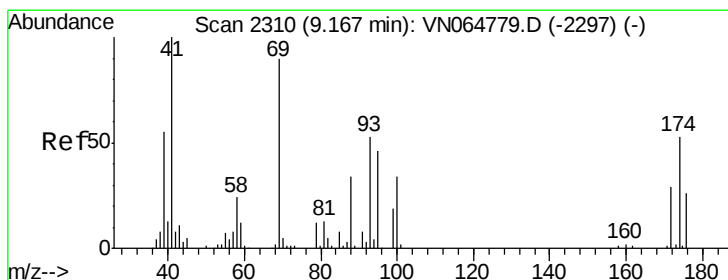
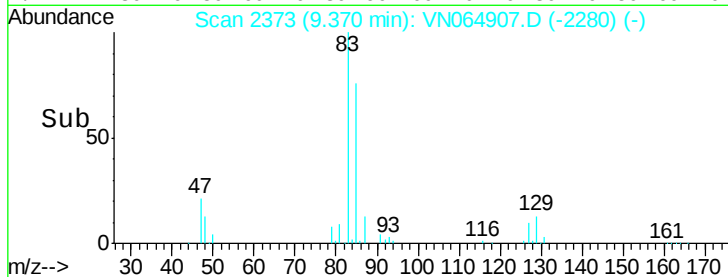
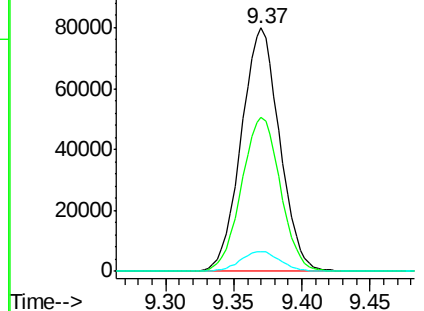
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Abundance Ion 82.90 (82.60 to 83.60): VN064907.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064907.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064907.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.150 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064907.D

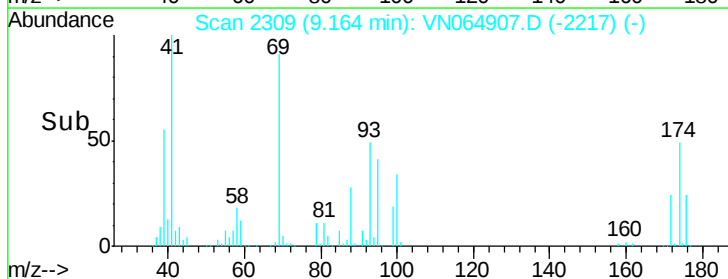
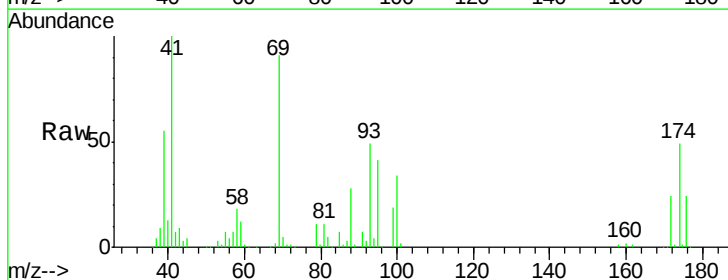
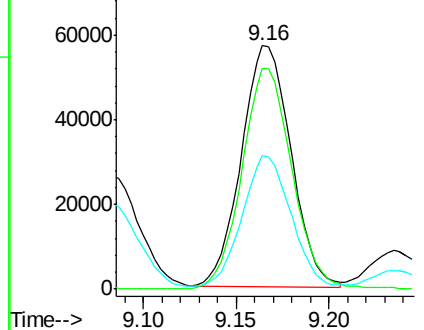
Acq: 3 Dec 2020 18:15

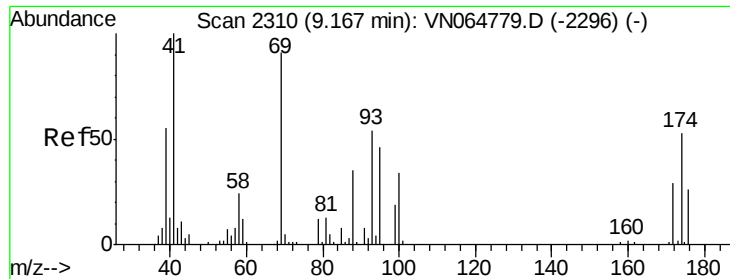
Tgt Ion:	41	Resp:	105443
Ion Ratio	Lower	Upper	
41	100		
69	92.9	71.8	107.8
39	55.6	44.1	66.1

Abundance Ion 41.00 (40.70 to 41.70): VN064907.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064907.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064907.D (-2217) (-)





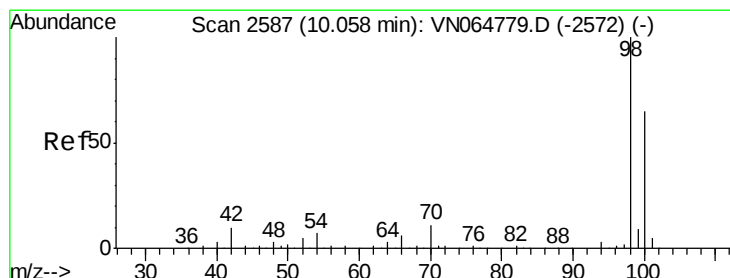
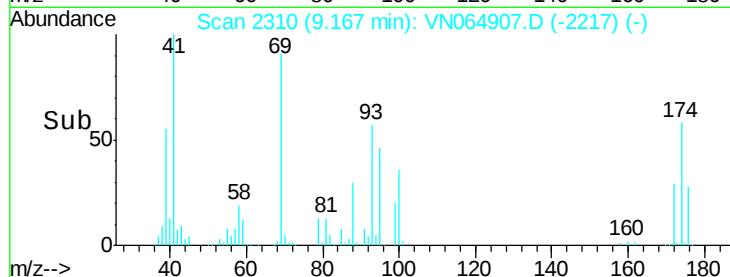
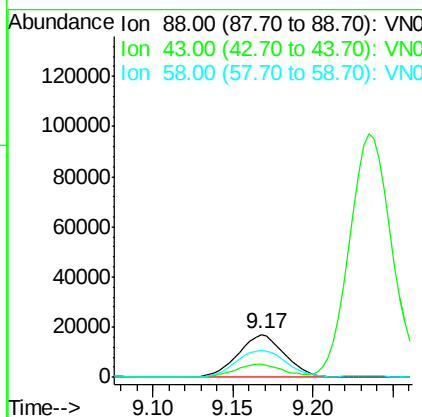
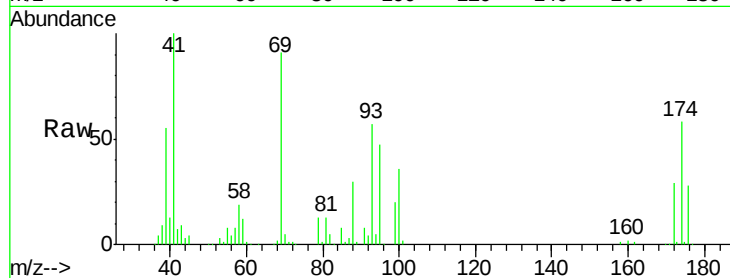
#49
 1,4-Dioxane
 Concen: 800.172 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.2	36.4
58	68.4	52.5	78.7

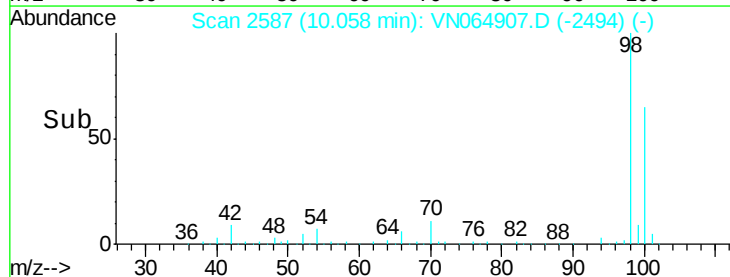
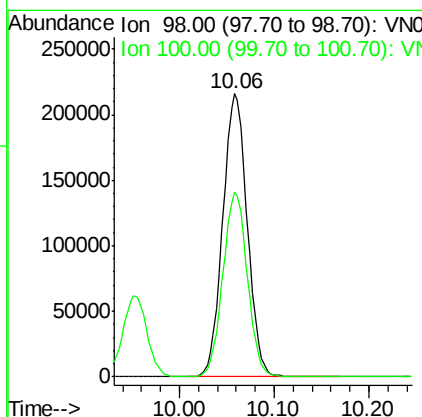
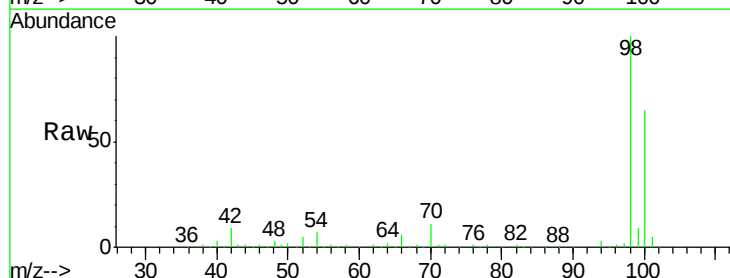
Manual Integrations
 APPROVED

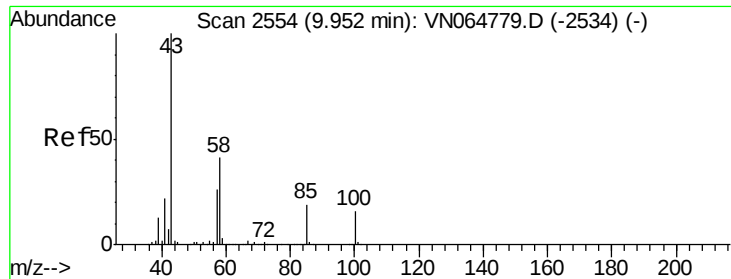
SAM
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#50
 Toluene-d8
 Concen: 48.793 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 238.361 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 669722

Ion Ratio Lower Upper

43 100

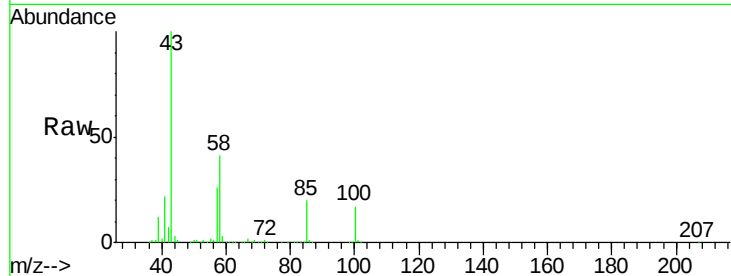
58 40.5 32.4 48.6

Manual Integrations

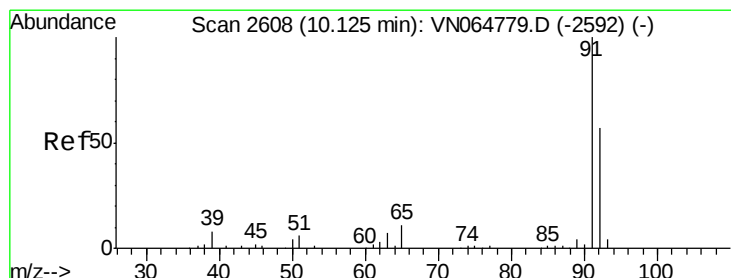
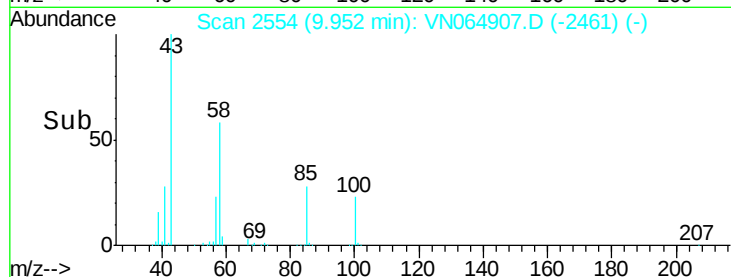
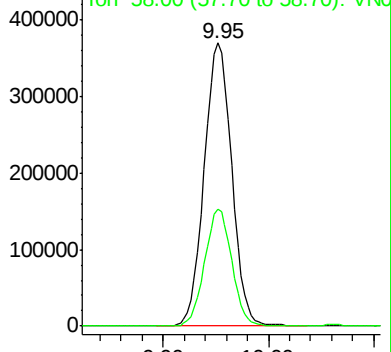
APPROVED

SAM

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Abundance Ion 43.00 (42.70 to 43.70): VN064907.D (-2461) (-)



#52

Toluene

Concen: 48.711 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064907.D

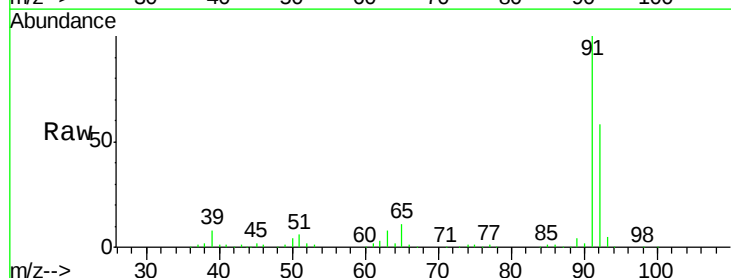
Acq: 3 Dec 2020 18:15

Tgt Ion: 92 Resp: 277560

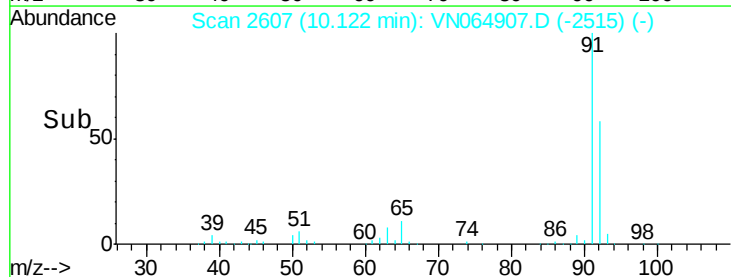
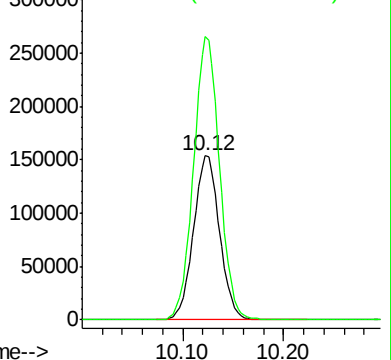
Ion Ratio Lower Upper

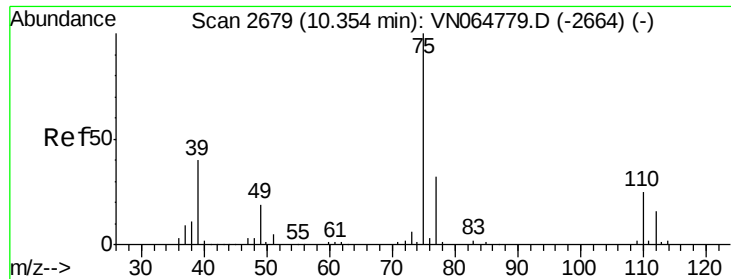
92 100

91 171.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064907.D (-2515) (-)





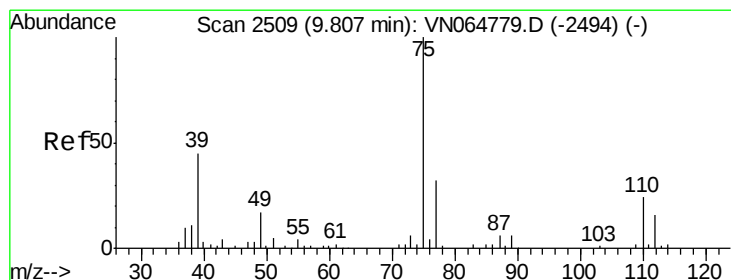
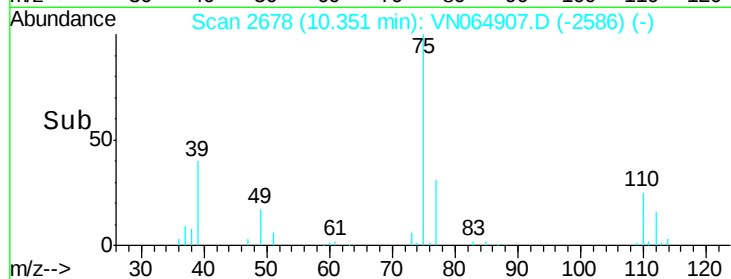
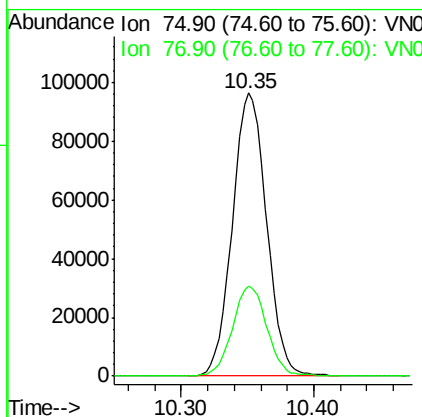
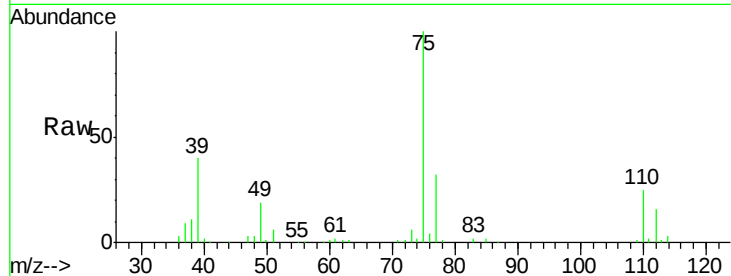
#53
 t-1,3-Dichloropropene
 Concen: 48.020 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 172270
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6

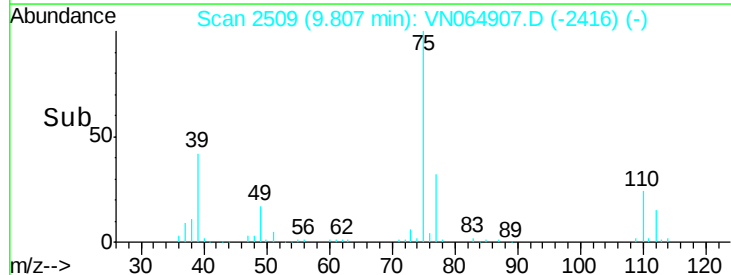
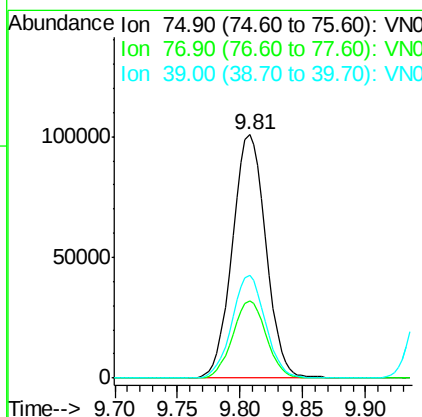
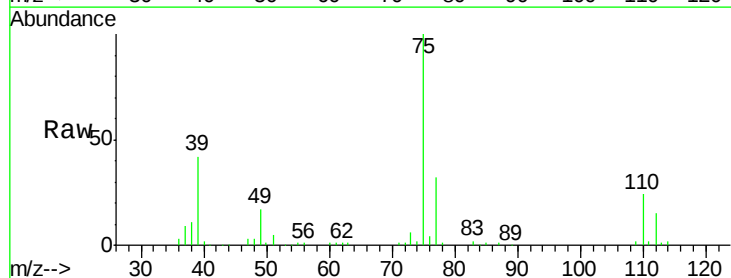
Manual Integrations
 APPROVED

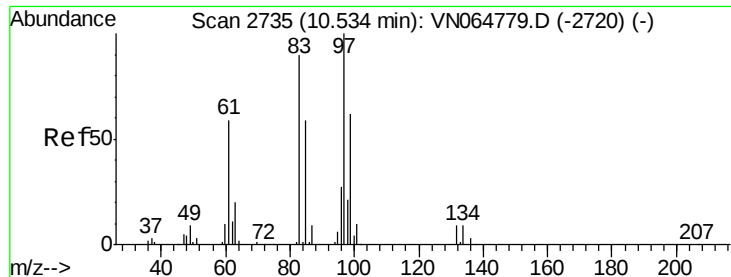
SAM
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#54
 cis-1,3-Dichloropropene
 Concen: 48.785 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion: 75 Resp: 187592
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 42.2 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 47.865 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

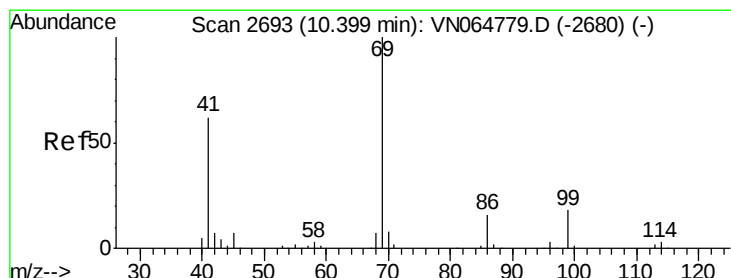
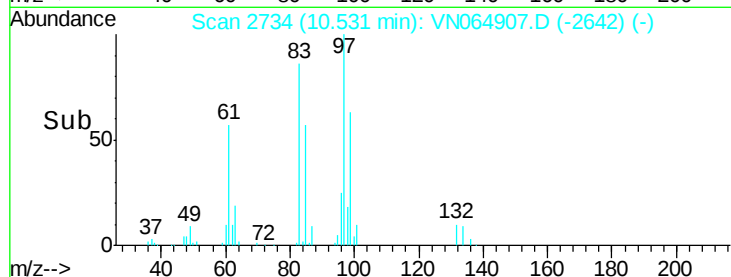
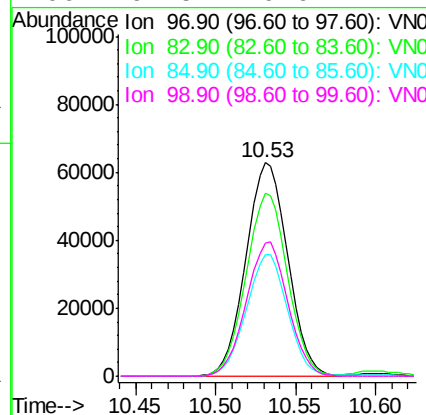
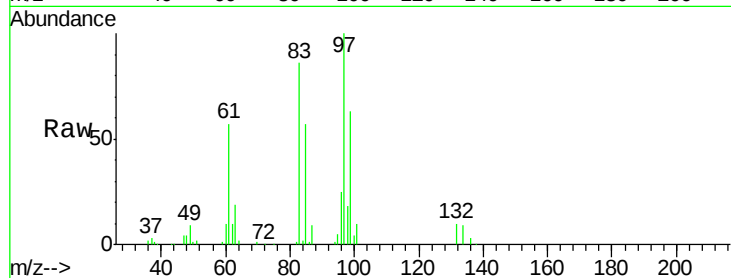
VSTDCCC050EC

Tot Ion:	97	Resp:	112154
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.1	108.1
85	57.0	46.8	70.2
99	62.5	49.6	74.4

Manual Integrations
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SAM

12/4/2020 5:42:54 PM



#56

Ethyl methacrylate

Concen: 50.243 ug/l

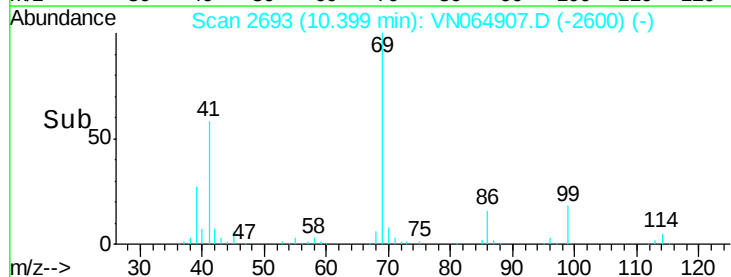
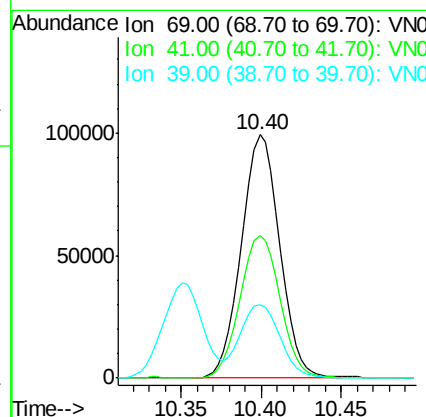
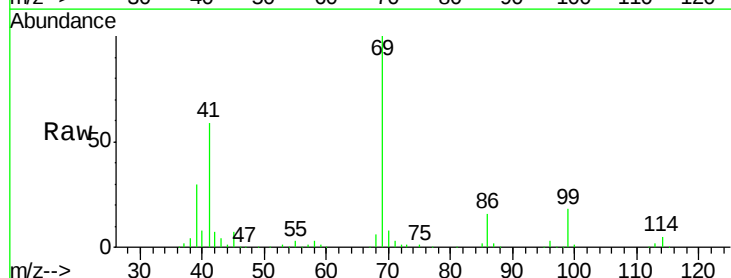
RT: 10.40 min Scan# 2693

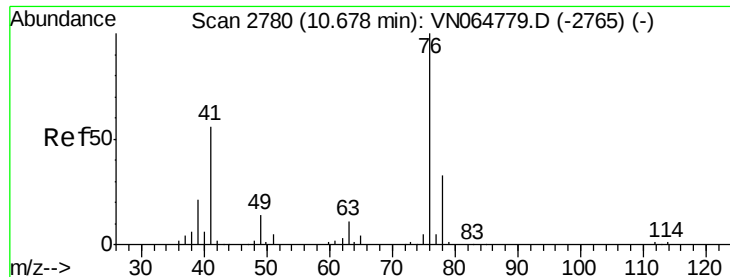
Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	69	Resp:	162455
Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.4	74.0
39	31.4	25.9	38.9





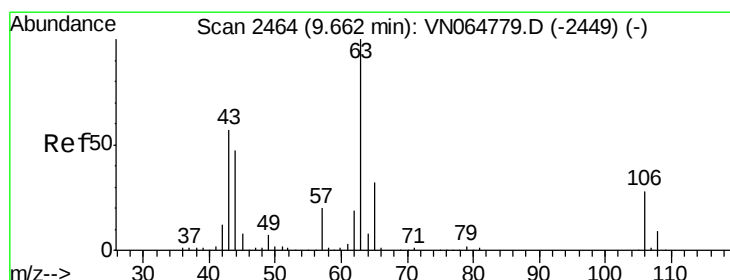
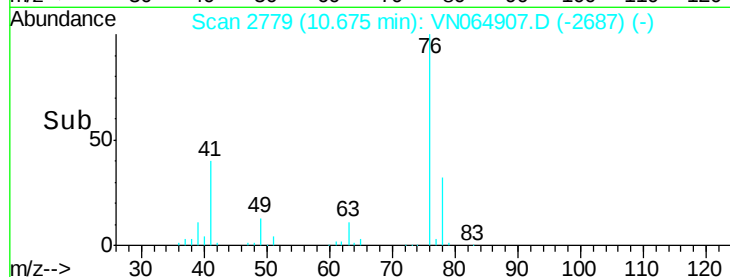
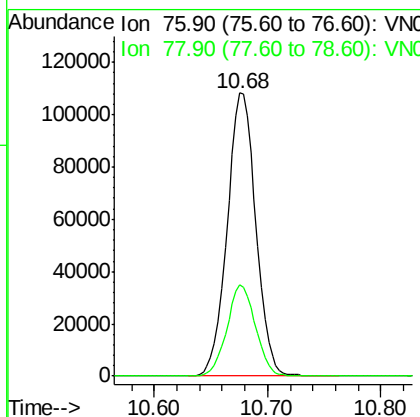
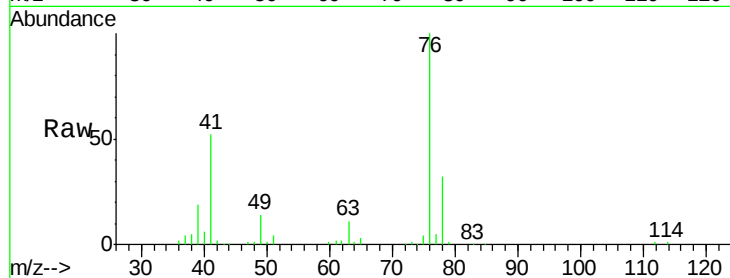
#57
 1,3-Dichloropropane
 Concen: 49.333 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 190677
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

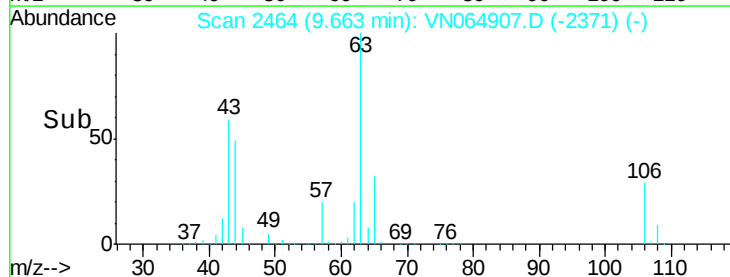
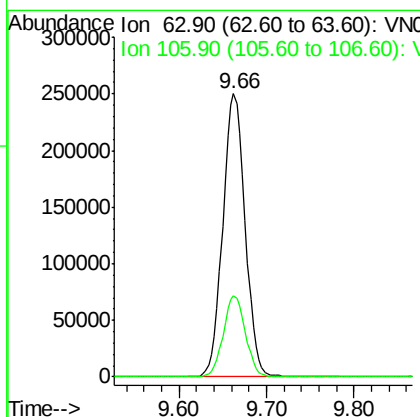
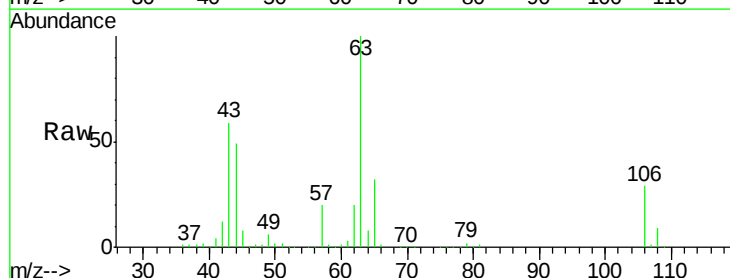
Manual Integrations
 APPROVED

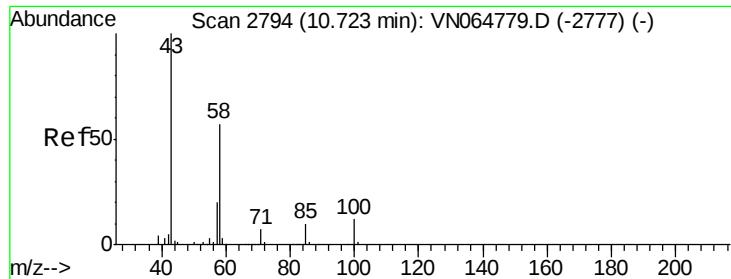
SAM
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.454 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion: 63 Resp: 443677
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1





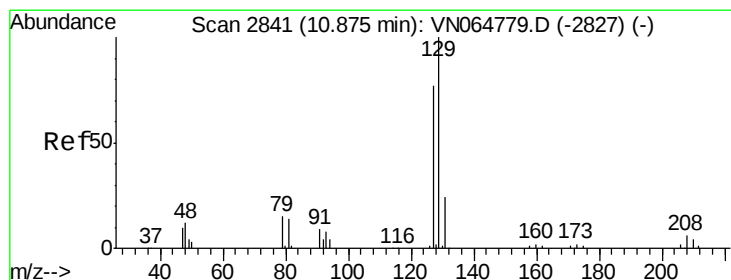
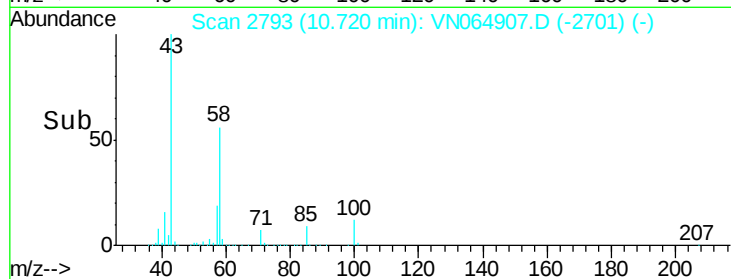
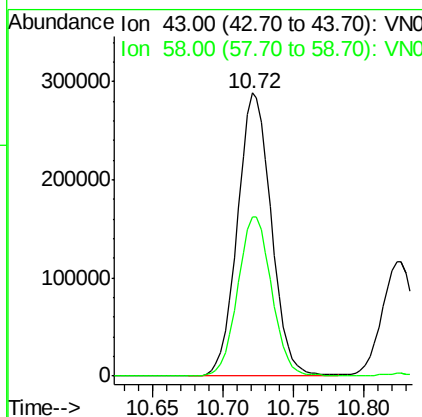
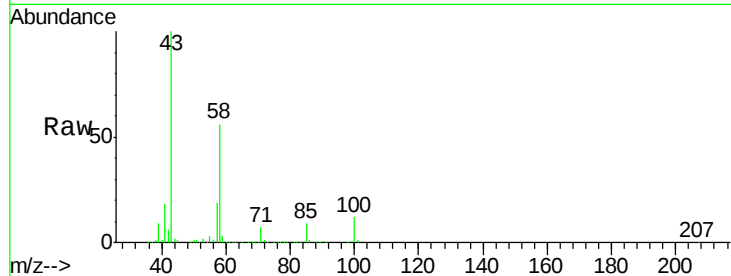
#59
2-Hexanone
Concen: 239.438 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	484167
Ion Ratio	100	Lower	Upper
58	56.7	28.3	84.9

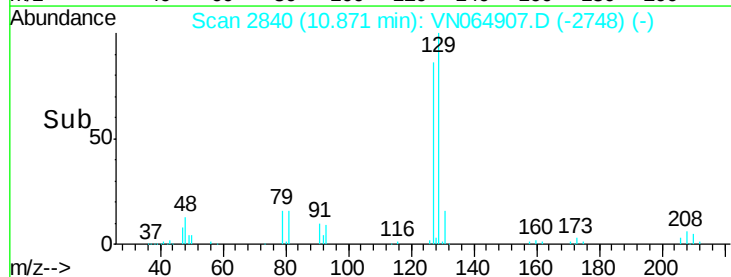
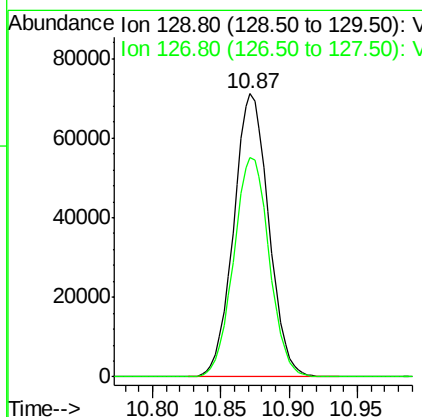
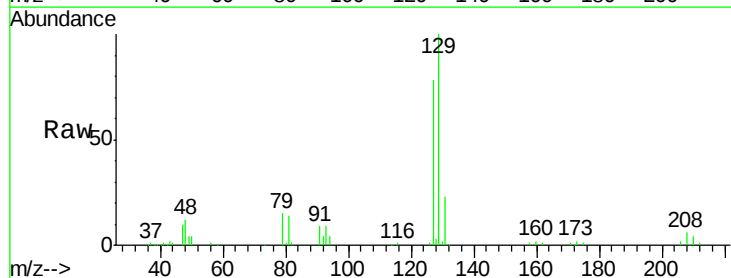
Manual Integrations
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#60
Dibromochloromethane
Concen: 48.720 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	129	Resp	126895
Ion Ratio	100	Lower	Upper
127	78.4	39.1	117.2





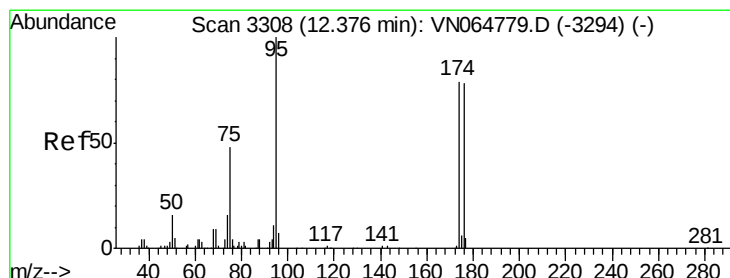
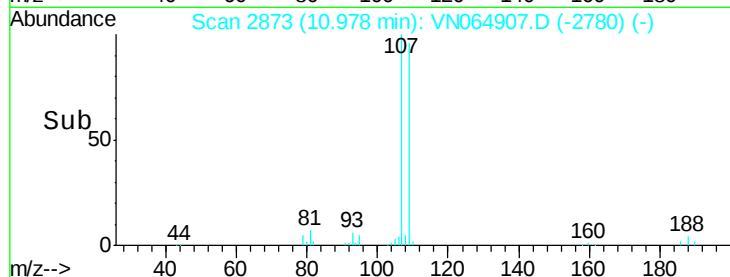
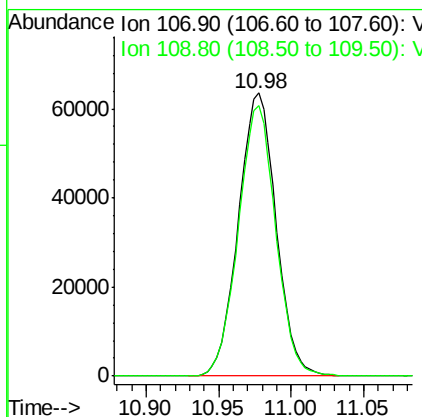
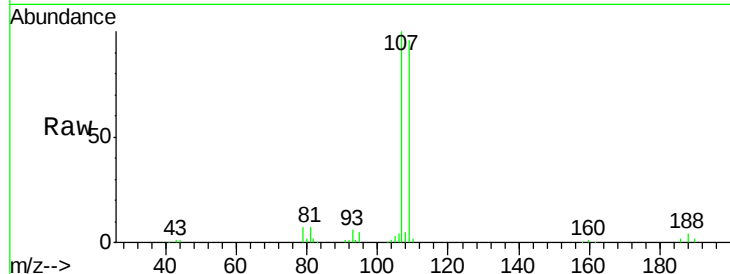
#61
 1,2-Dibromoethane
 Concen: 48.247 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.0	114.0

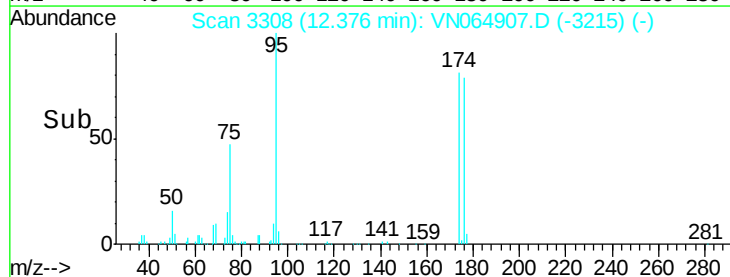
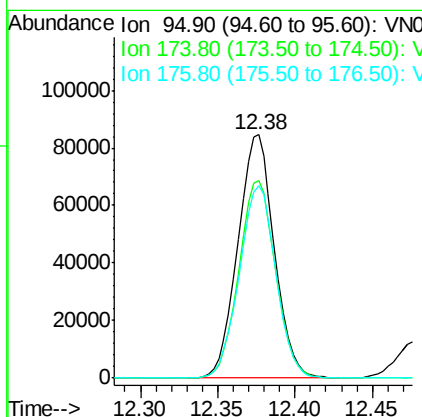
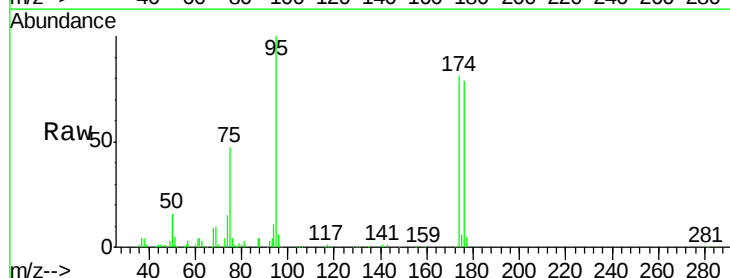
Manual Integrations
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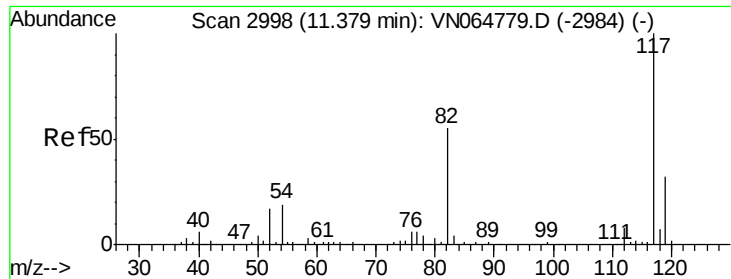
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#62
 4-Bromofluorobenzene
 Concen: 48.490 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	160.4
176	79.7	0.0	158.4





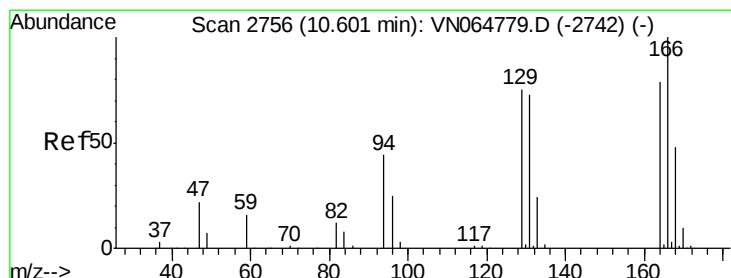
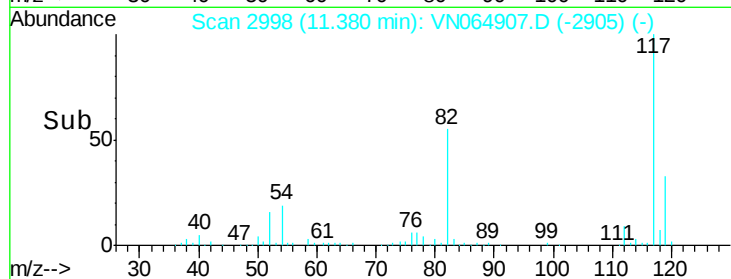
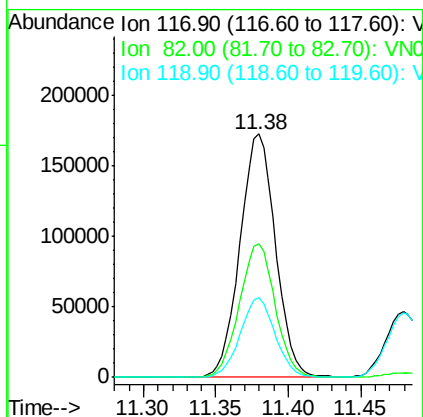
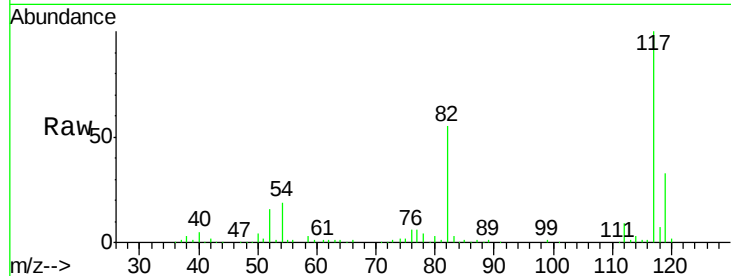
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	32.6	25.8	38.6

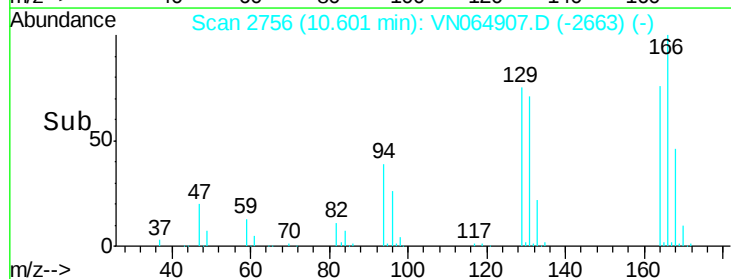
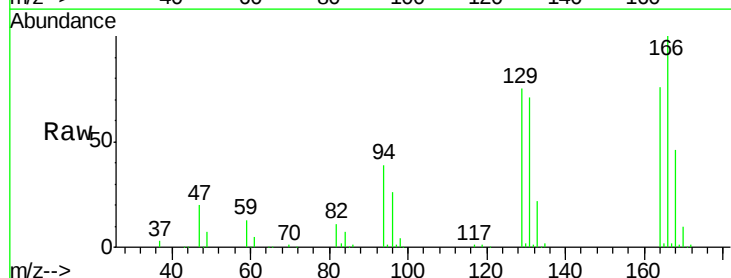
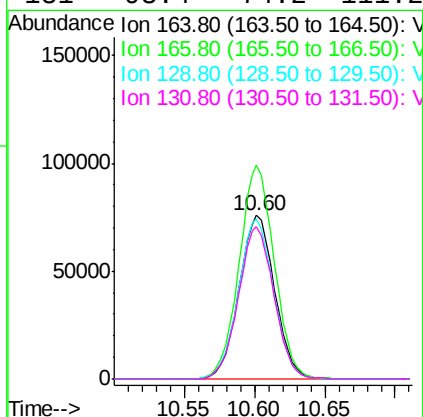
Manual Integrations
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#64
Tetrachloroethene
Concen: 46.855 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.4	152.0
129	97.7	76.1	114.1
131	93.4	74.2	111.2





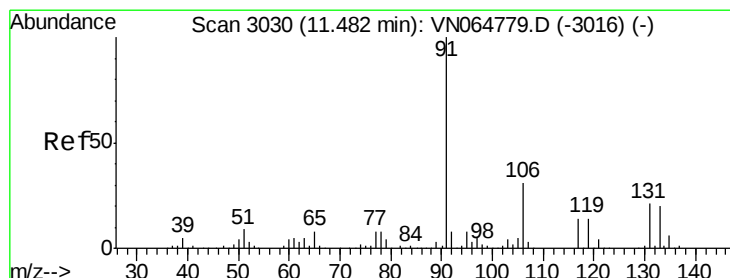
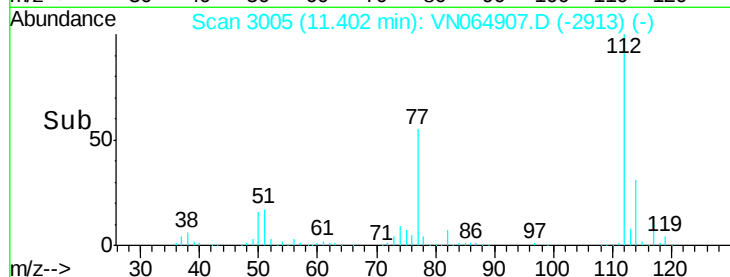
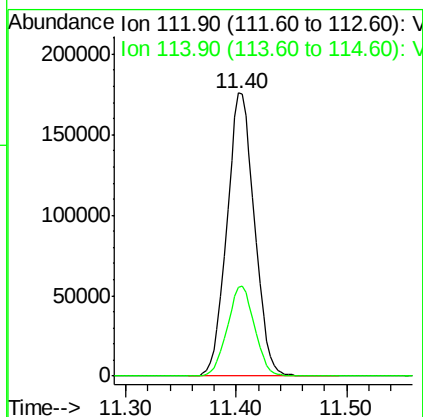
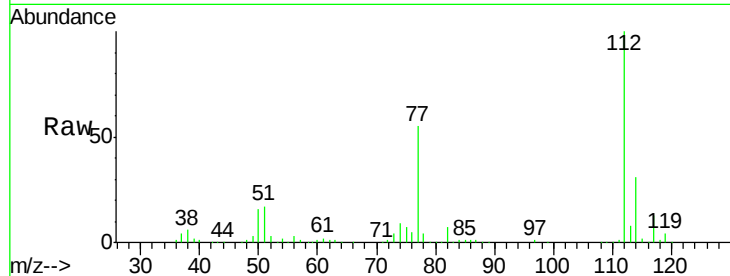
#65
Chlorobenzene
Concen: 48.136 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 304341
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

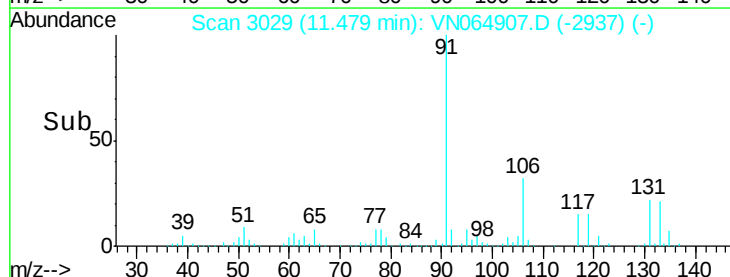
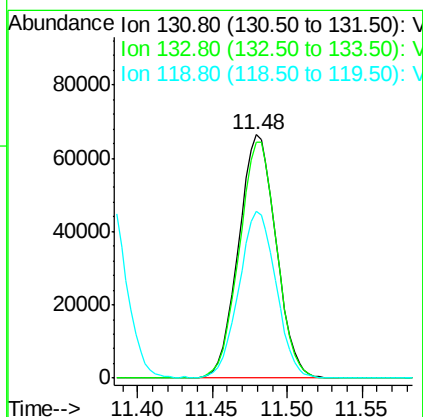
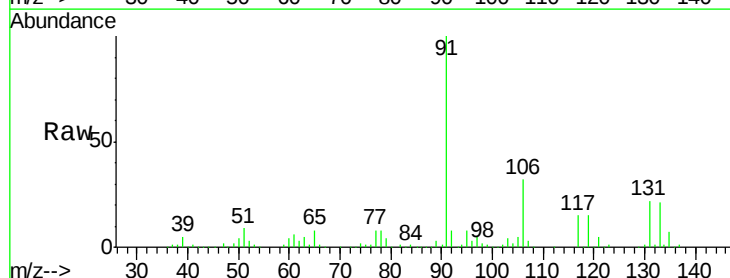
Manual Integrations
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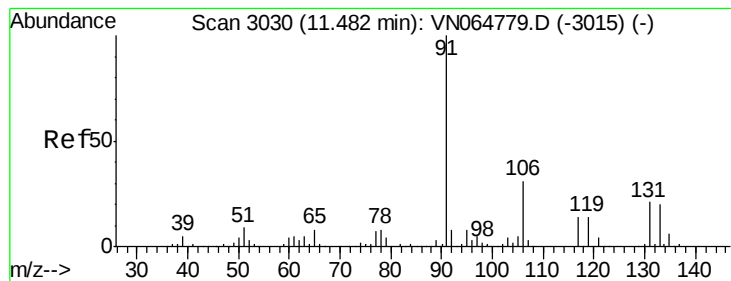
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.803 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion:131 Resp: 115719
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 67.8 33.3 99.8





#67

Ethyl Benzene

Concen: 49.355 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 521299

Ion Ratio Lower Upper

91 100

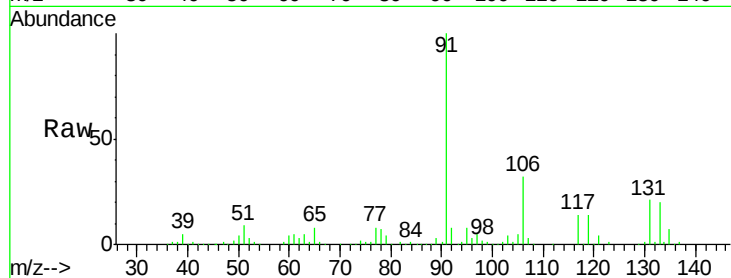
106 32.0 25.2 37.8

Manual Integrations

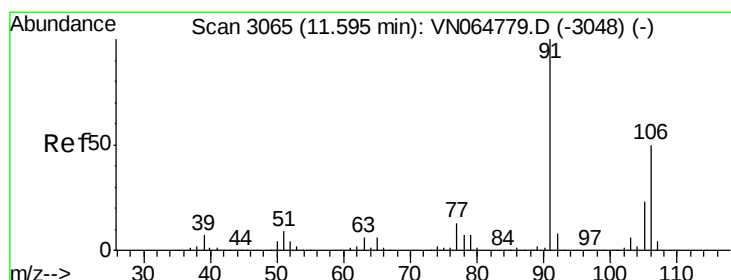
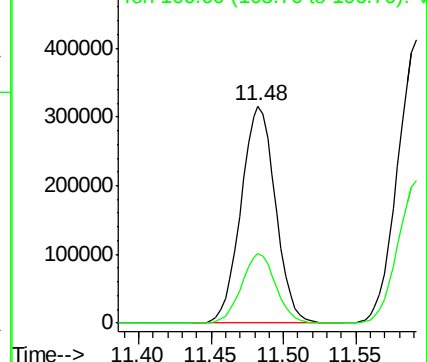
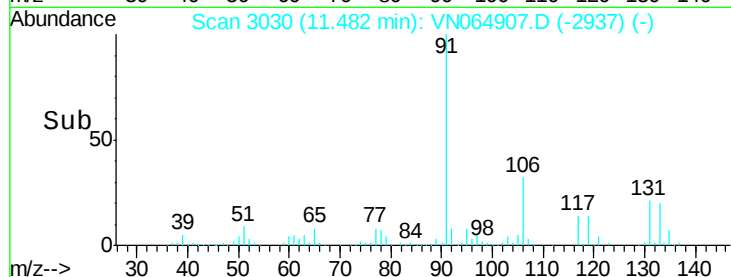
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Abundance Ion 91.00 (90.70 to 91.70): VN064907.D (-2937) (-)



#68

m/p-Xylenes

Concen: 101.255 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064907.D

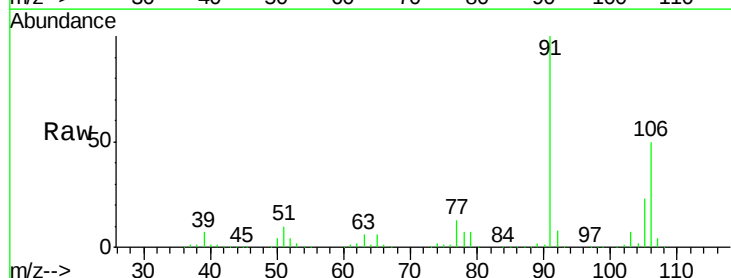
Acq: 3 Dec 2020 18:15

Tgt Ion: 106 Resp: 404910

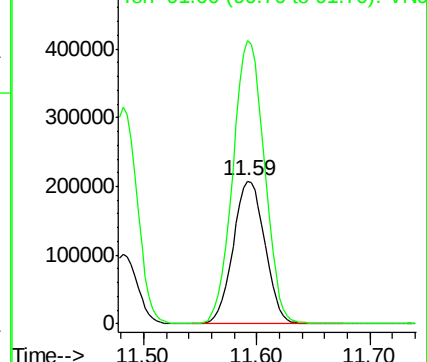
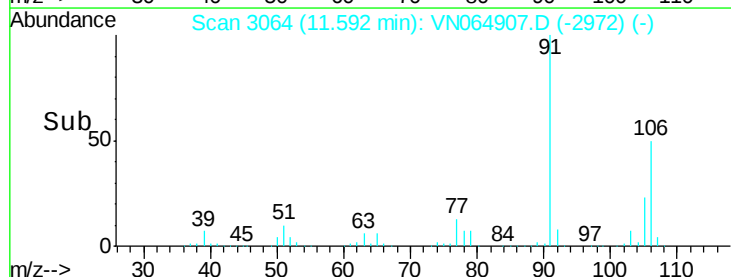
Ion Ratio Lower Upper

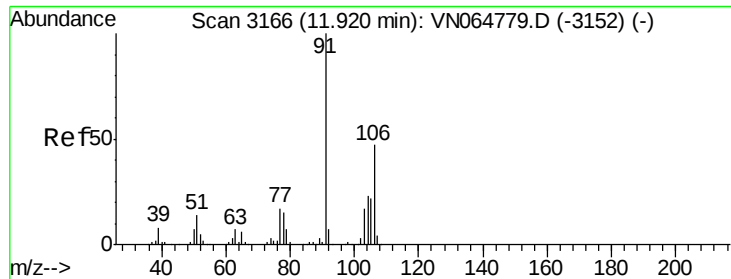
106 100

91 198.0 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064907.D (-2972) (-)





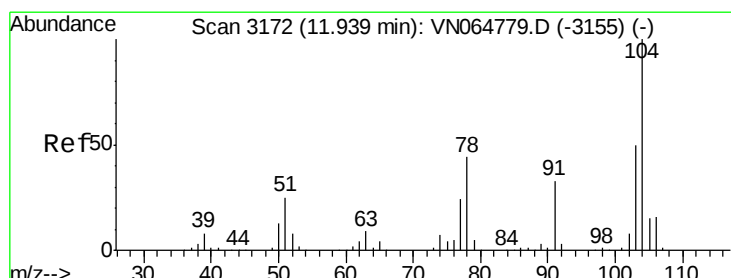
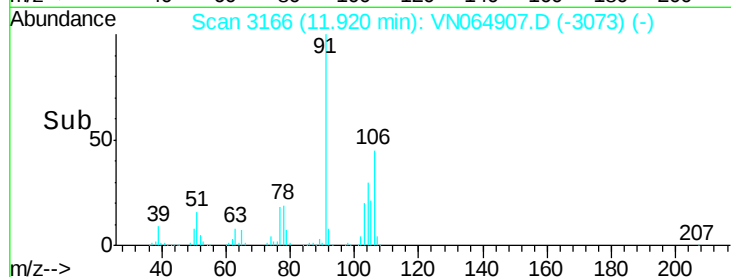
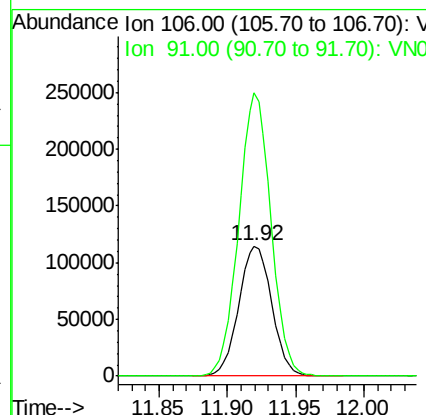
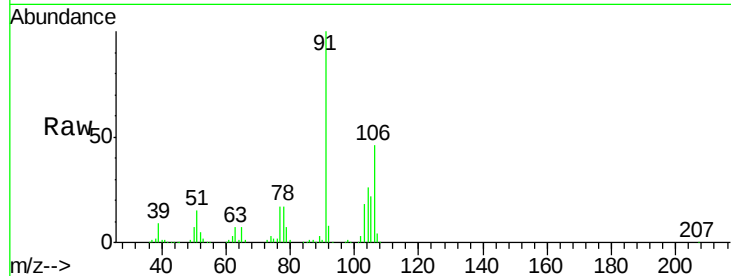
#69
o-Xylene
Concen: 50.742 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		192555		
91	212.3	105.5	316.5		

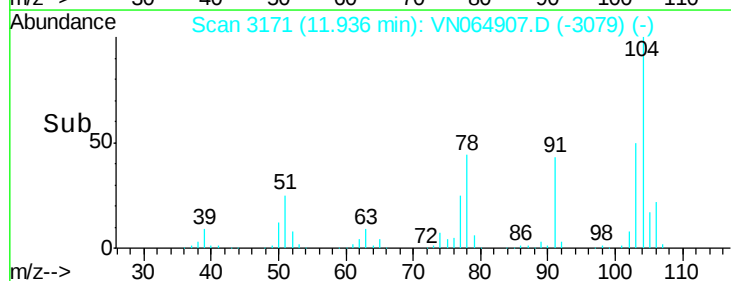
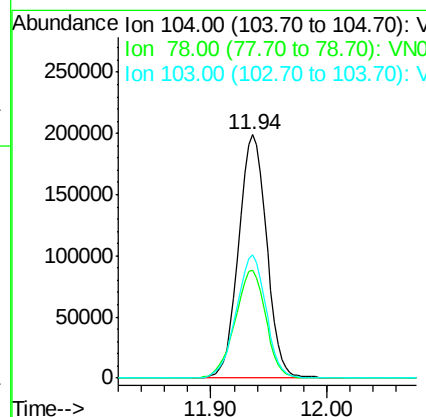
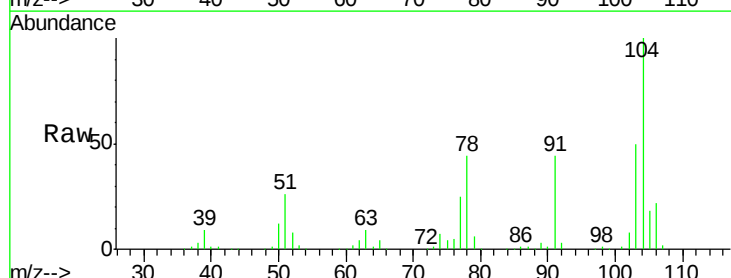
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#70
Styrene
Concen: 52.093 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		333717		
78	48.3	39.0	58.6		
103	53.9	44.3	66.5		





#71

Bromoform

Concen: 47.872 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

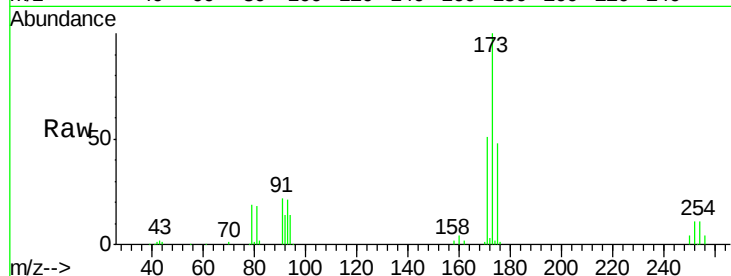
VSTDCCC050EC

Tot Ion:173	Resp:	88841
Ion Ratio	Lower	Upper
173 100		
175 49.0	24.3	72.8
254 0.0	0.0	0.0

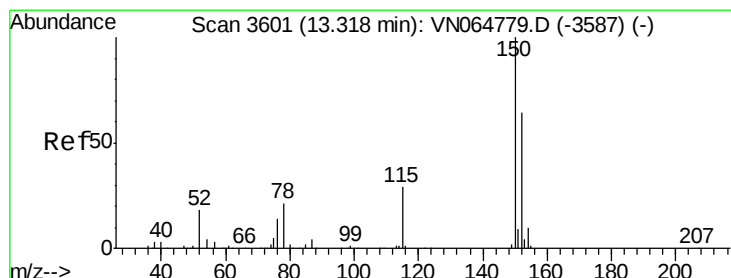
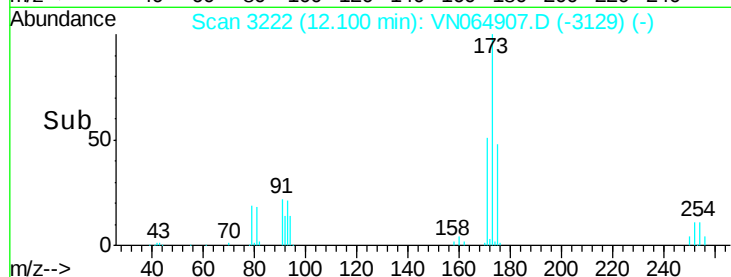
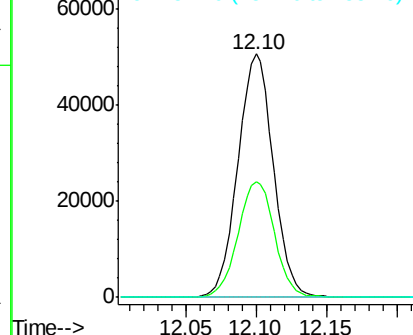
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

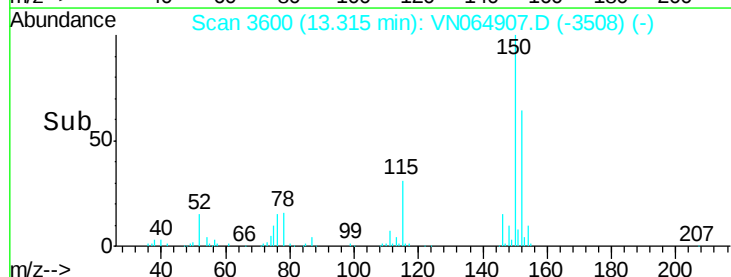
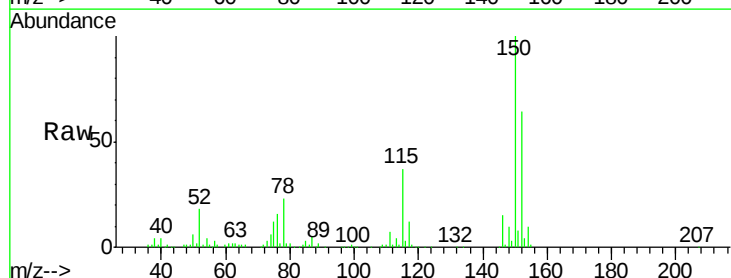
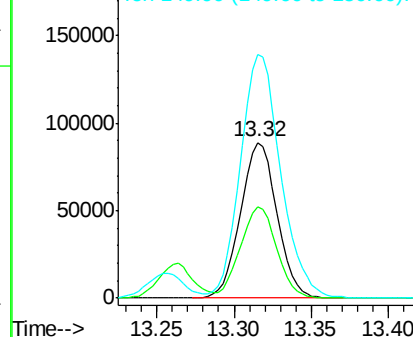
Delta R.T. -0.00 min

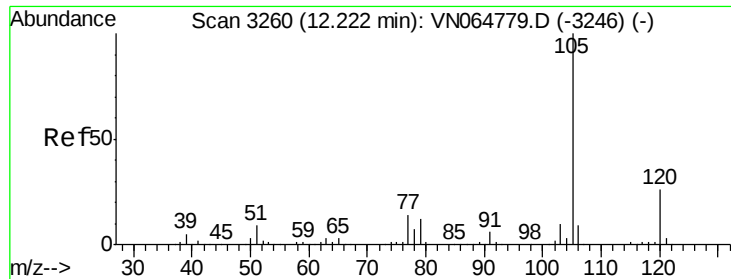
Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:152	Resp:	145317
Ion Ratio	Lower	Upper
152 100		
115 59.0	29.7	89.1
150 173.1	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: 50.184 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 507250

Ion Ratio Lower Upper

105 100

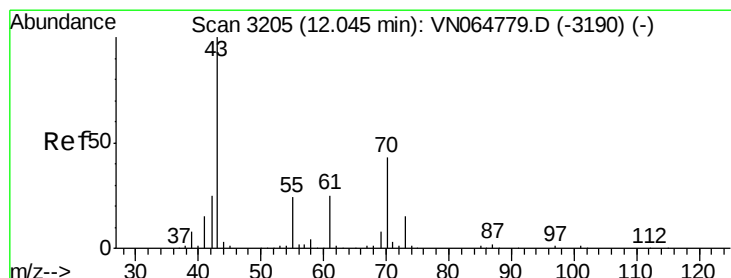
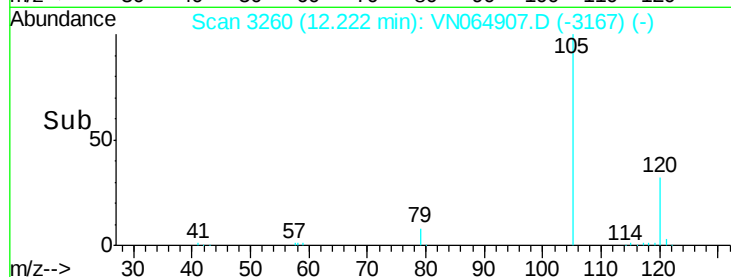
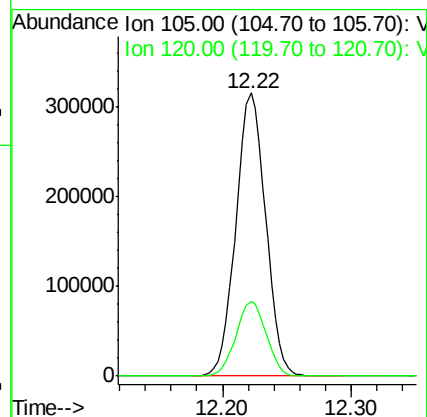
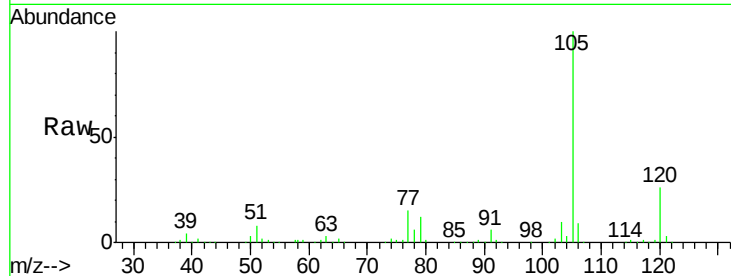
120 26.8 13.3 39.9

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#74

N-ethyl acetate

Concen: 48.403 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion: 43 Resp: 192536

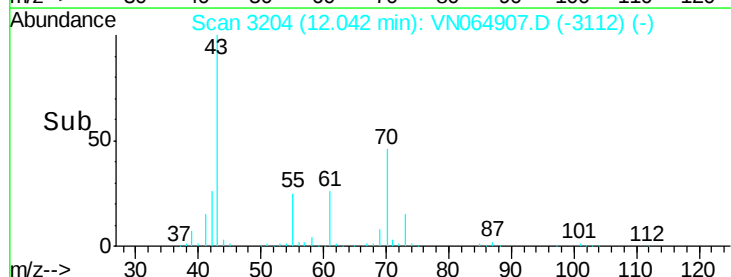
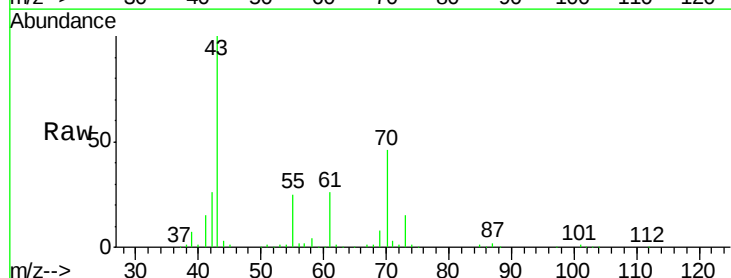
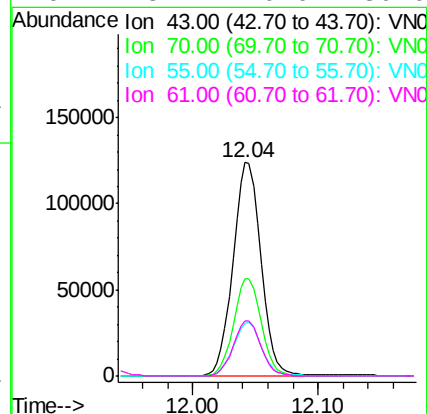
Ion Ratio Lower Upper

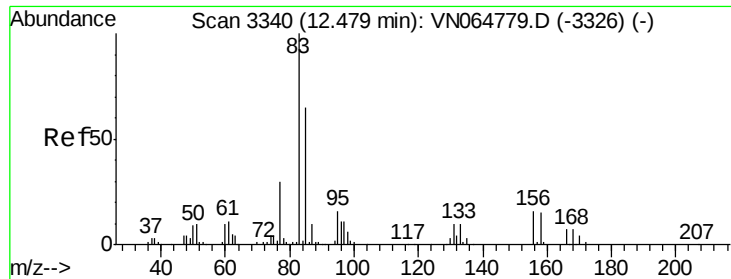
43 100

70 44.9 34.5 51.7

55 25.4 20.4 30.6

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.434 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

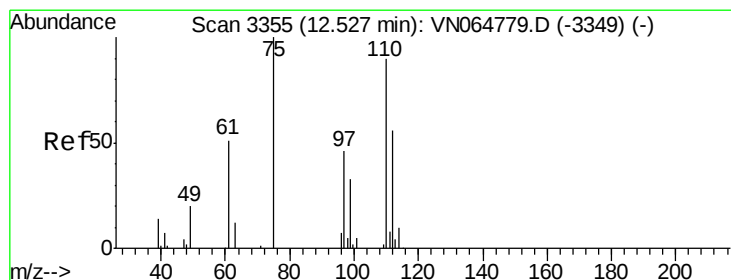
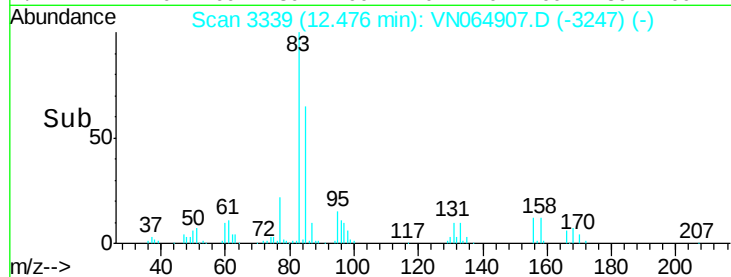
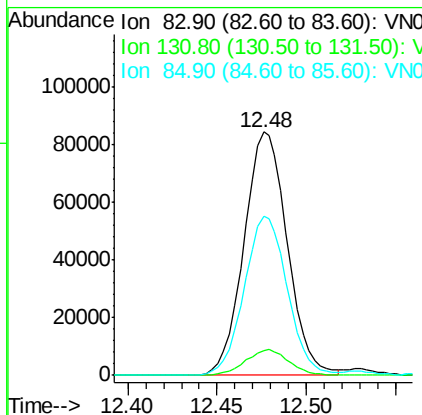
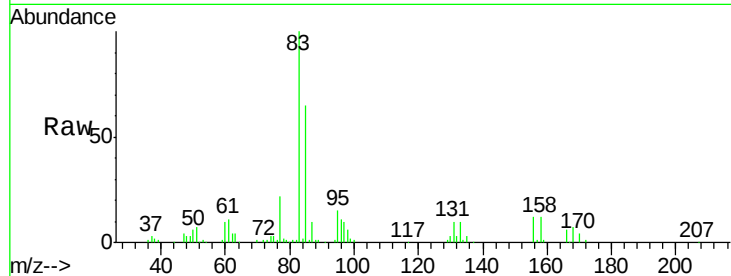
VSTDCCC050EC

Tot Ion:	83	Resp:	143491
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	64.8	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.575 ug/l m

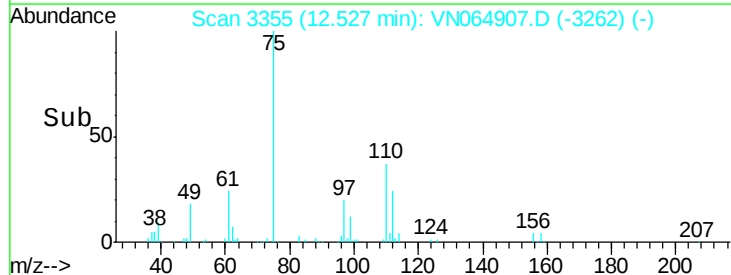
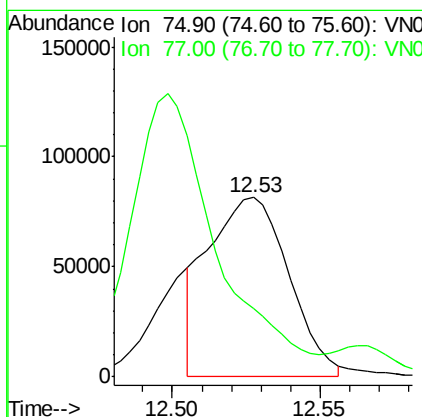
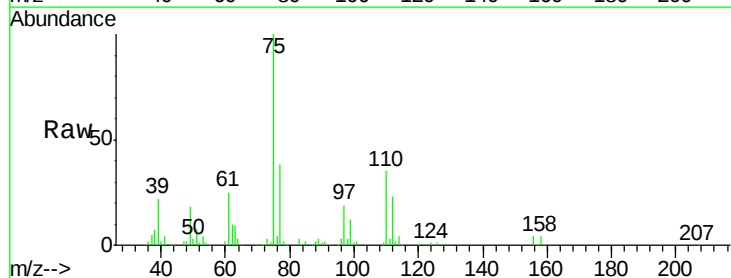
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	75	Resp:	155145
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.125 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

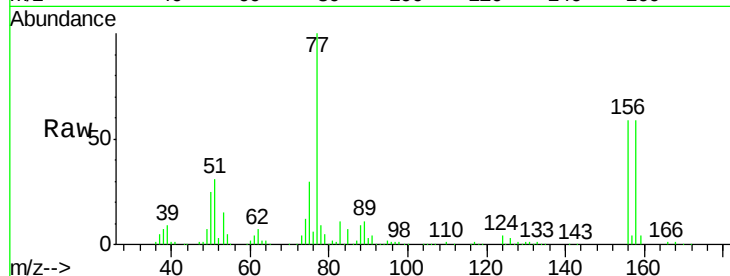
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.4	101.3	303.7
158	98.5	48.2	144.6

Manual Integrations
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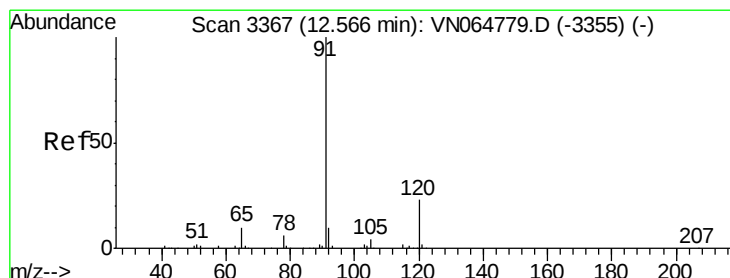
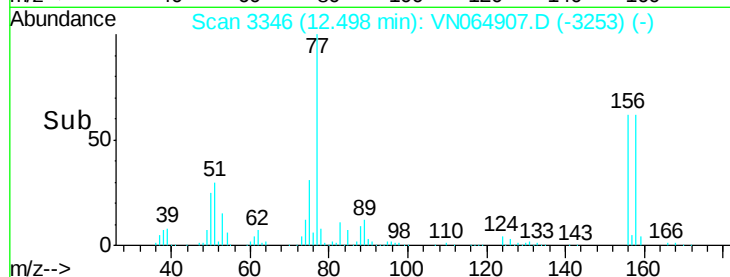
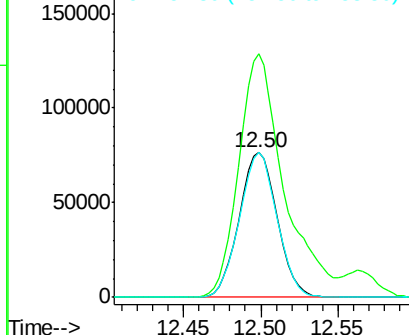
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.688 ug/l

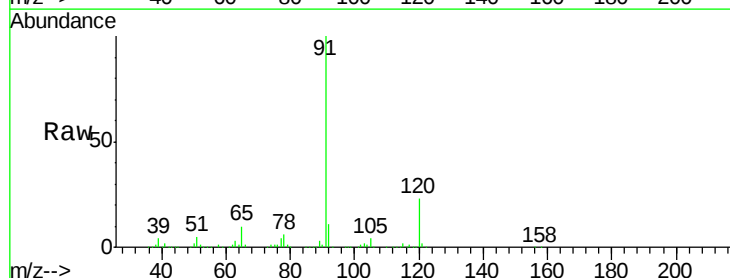
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064907.D

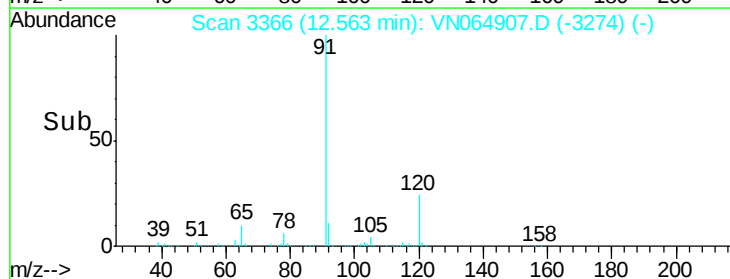
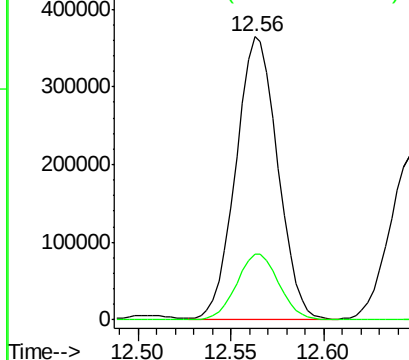
Acq: 3 Dec 2020 18:15

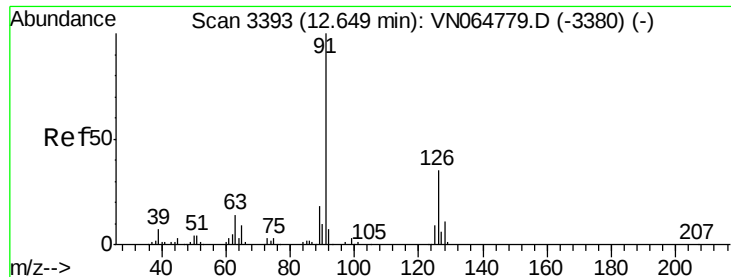
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.174 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 350009

Ion Ratio Lower Upper

91 100

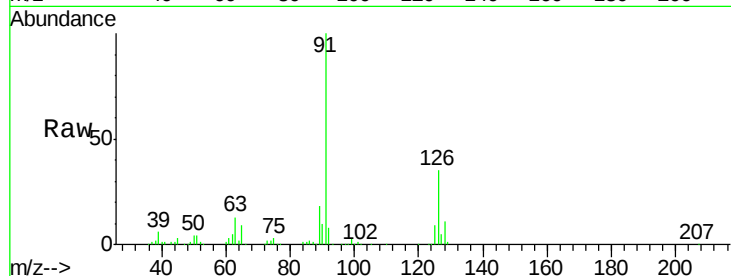
126 34.9 17.2 51.6

Manual Integrations

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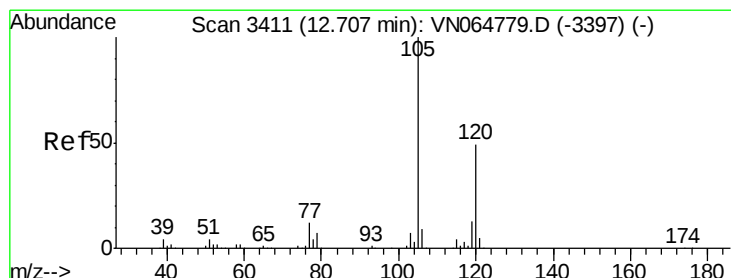
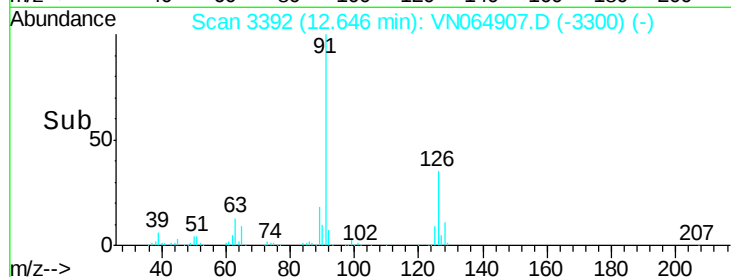
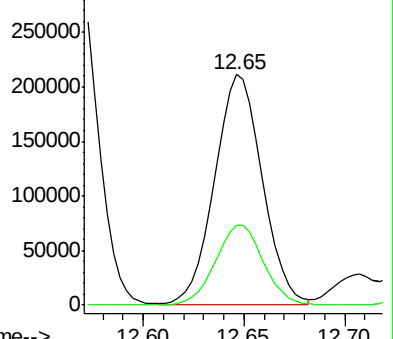
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Abundance Ion 91.00 (90.70 to 91.70): VN064907.D (-3300) (-)

Ion 125.90 (125.60 to 126.60): VN064907.D (-3300) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.075 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064907.D

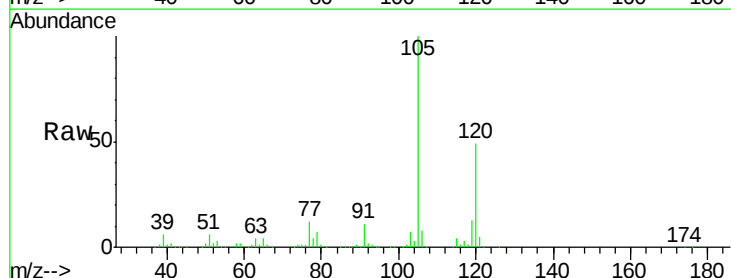
Acq: 3 Dec 2020 18:15

Tgt Ion: 105 Resp: 429110

Ion Ratio Lower Upper

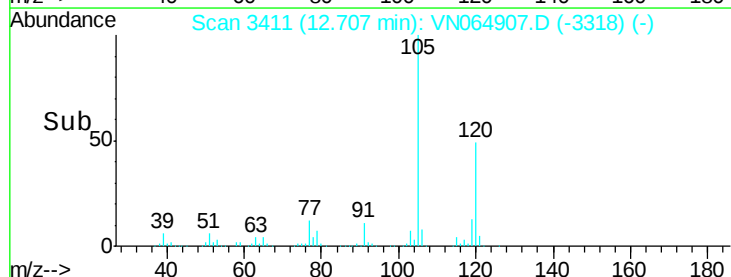
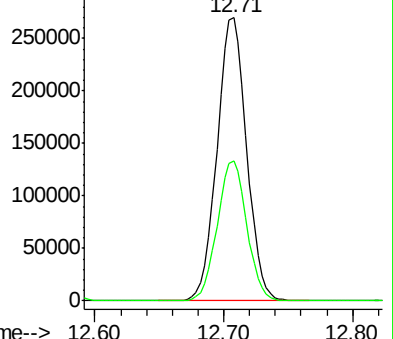
105 100

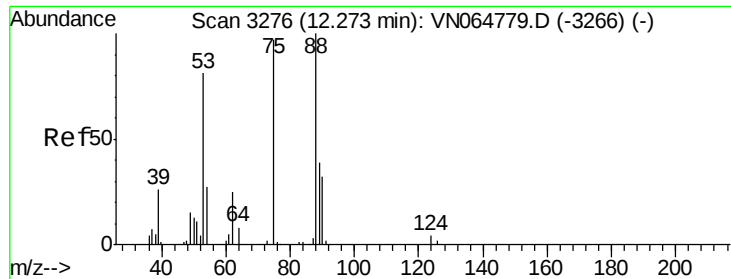
120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064907.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064907.D (-3318) (-)





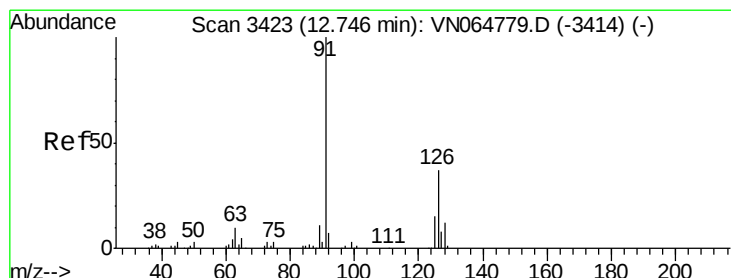
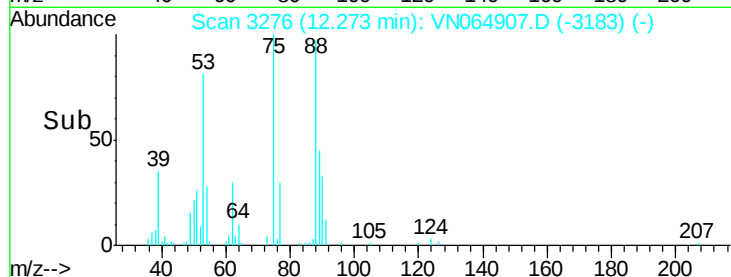
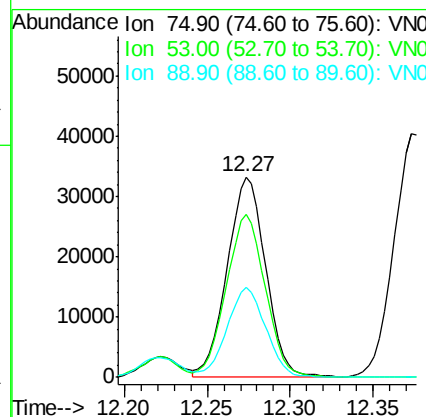
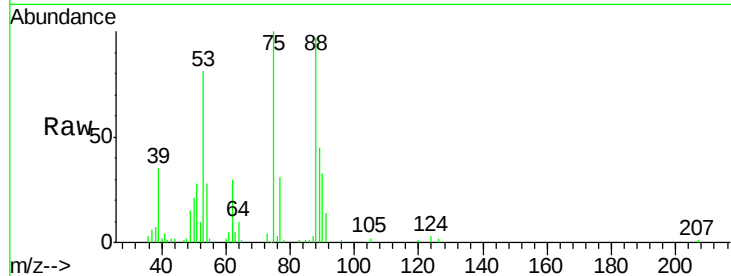
#81
trans-1,4-Dichloro-2-butene
Concen: 46.944 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.7	67.0	100.4
89	45.0	39.6	59.4

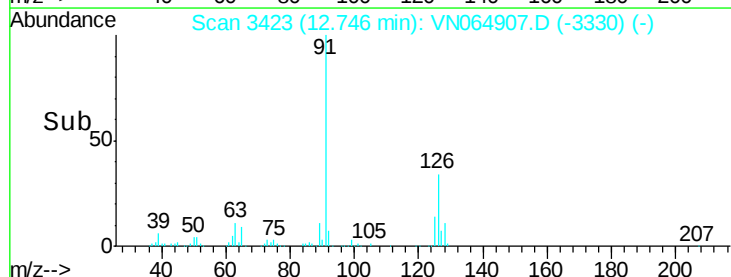
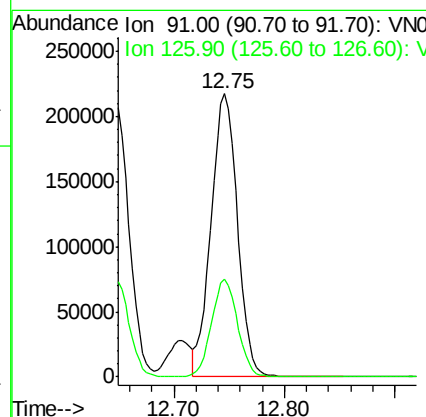
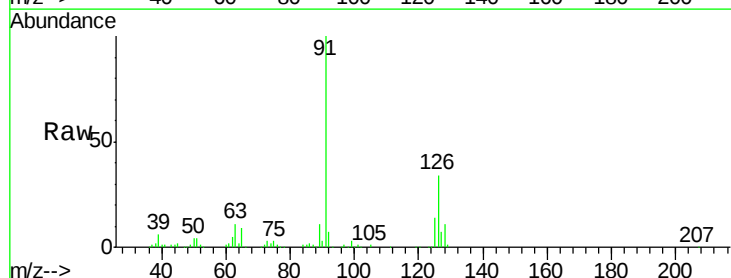
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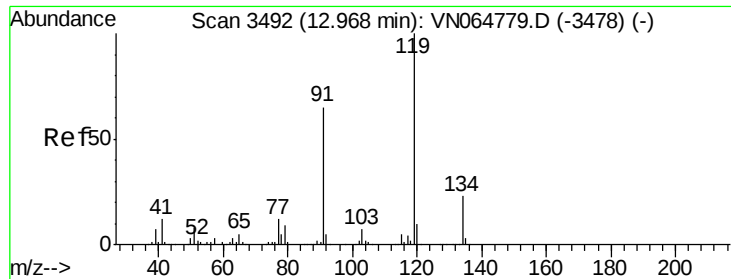
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#82
4-Chlorotoluene
Concen: 48.228 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.9	50.7





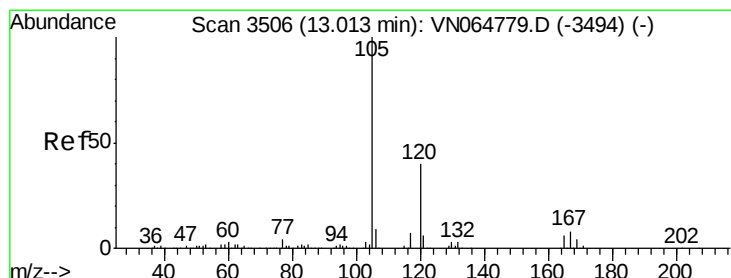
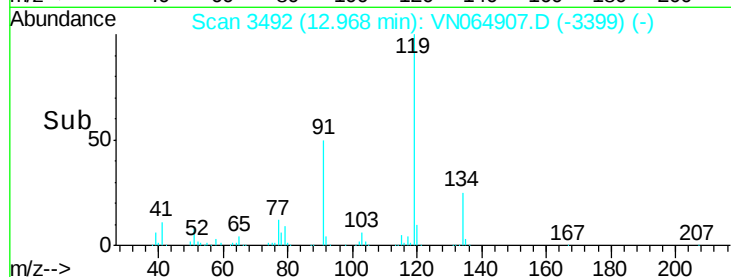
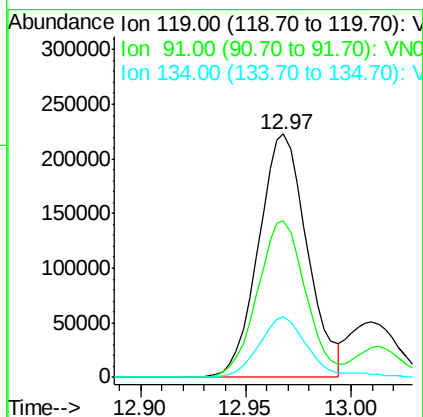
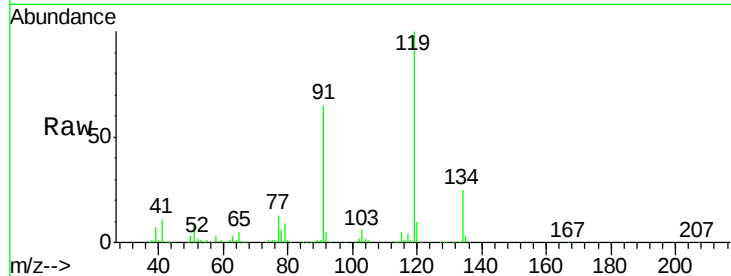
#83
 tert-Butylbenzene
 Concen: 50.668 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.3	96.8
134	25.4	12.6	37.6

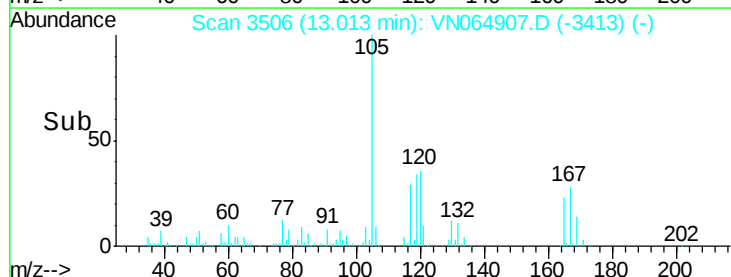
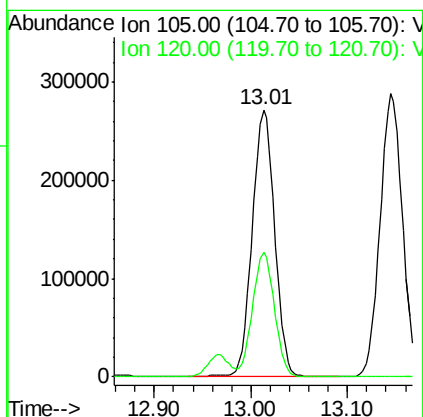
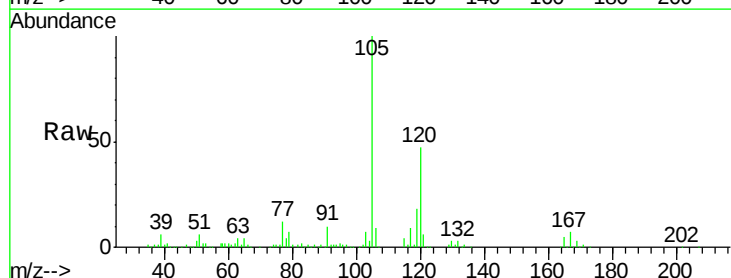
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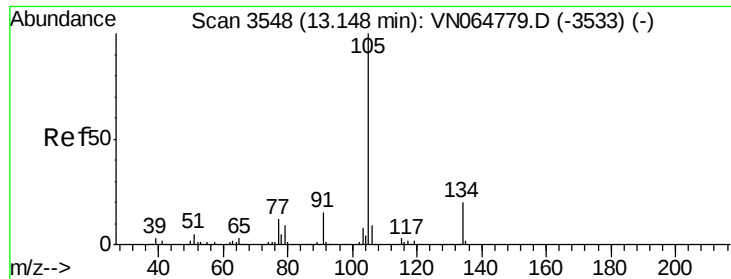
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.668 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.233 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 460336

Ion Ratio Lower Upper

105 100

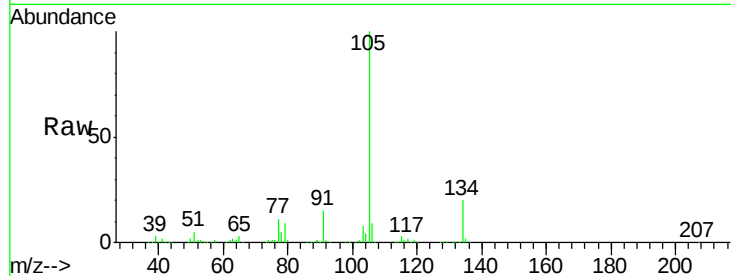
134 19.9 10.1 30.1

Manual Integrations

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SAM

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

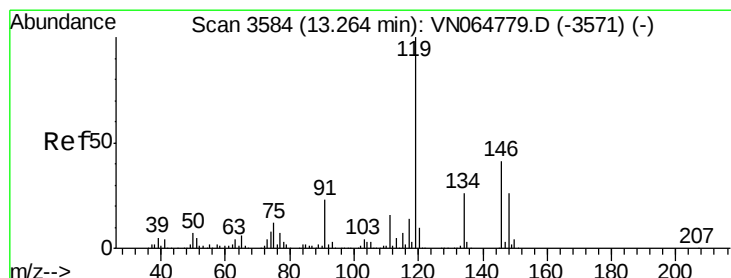
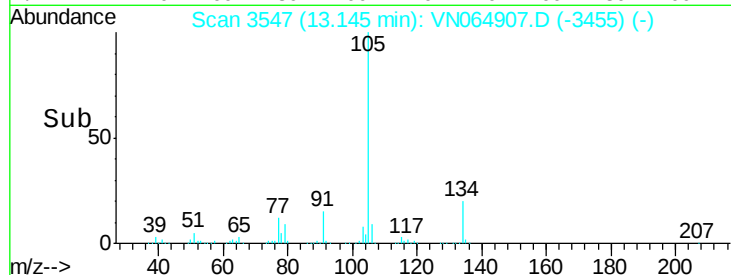
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 50.740 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

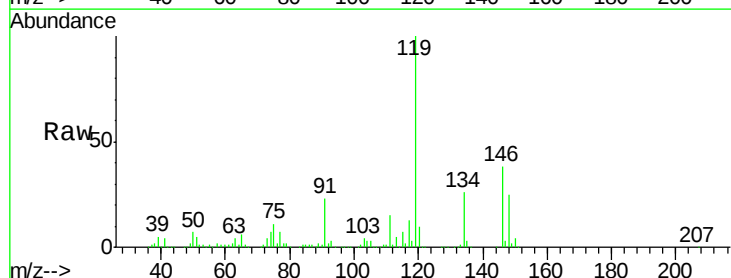
Tgt Ion:119 Resp: 431930

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.8 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

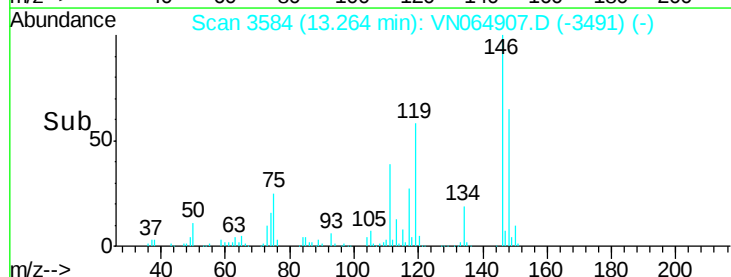
300000

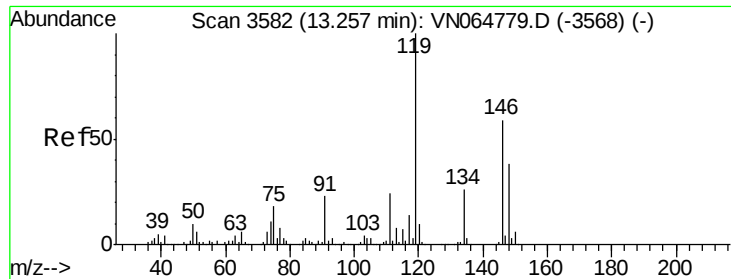
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





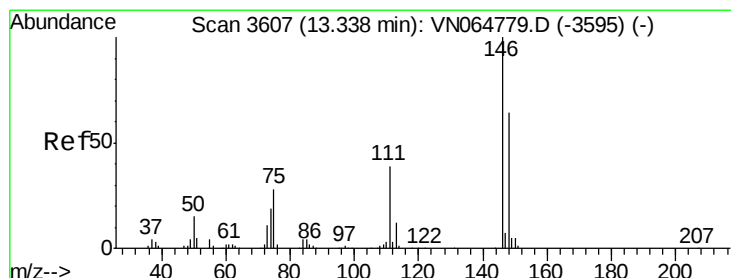
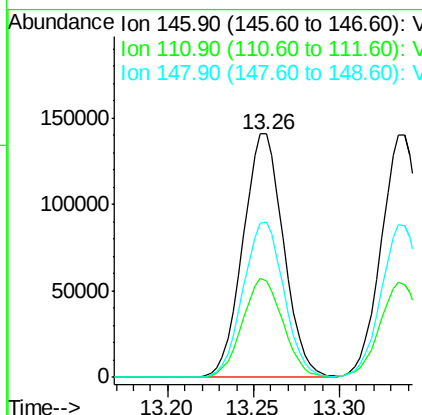
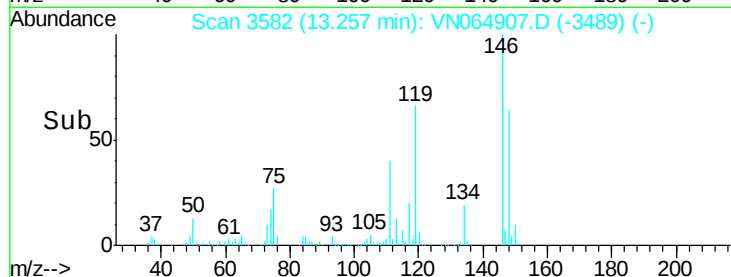
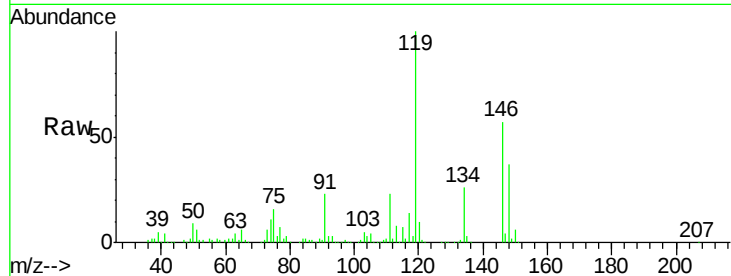
#87
 1,3-Dichlorobenzene
 Concen: 47.863 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.9
148	64.0	31.9	95.5

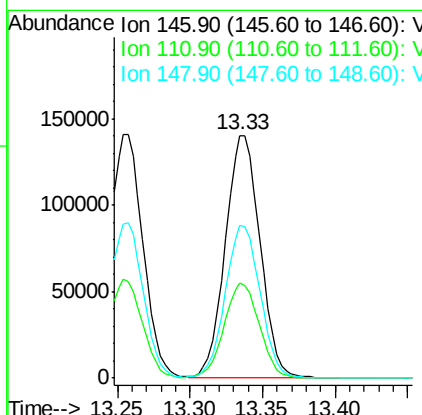
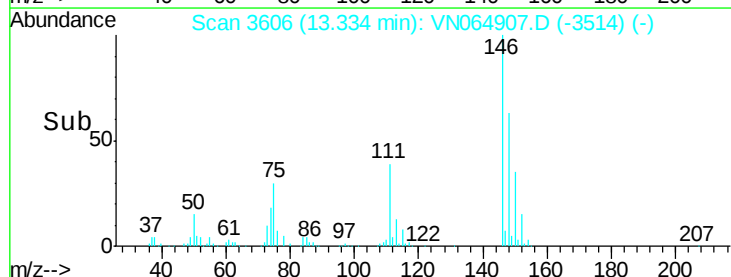
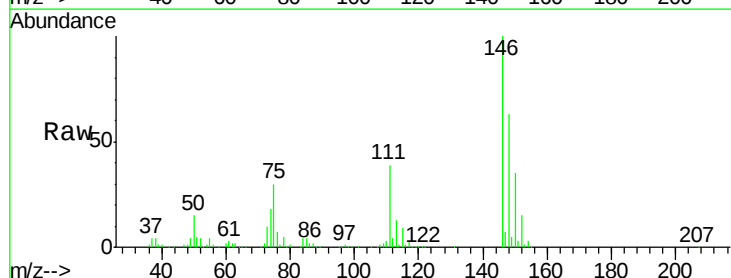
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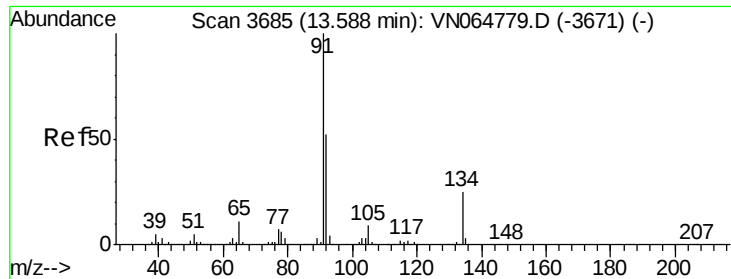
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#88
 1,4-Dichlorobenzene
 Concen: 45.497 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	63.6	31.9	95.5





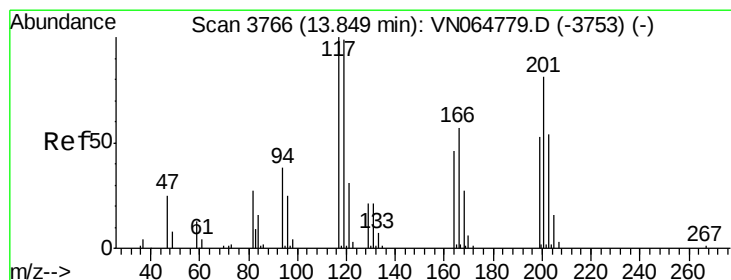
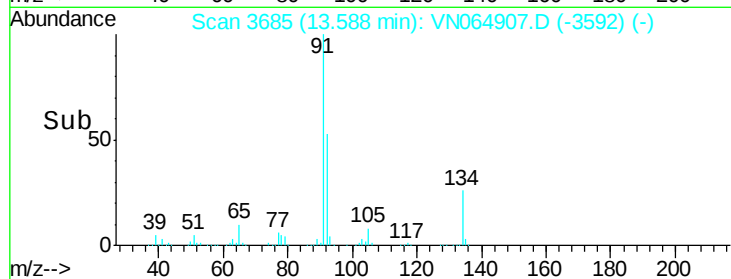
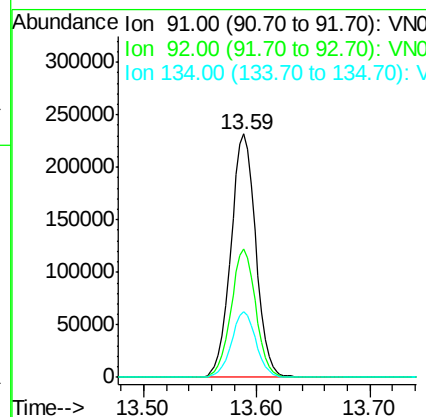
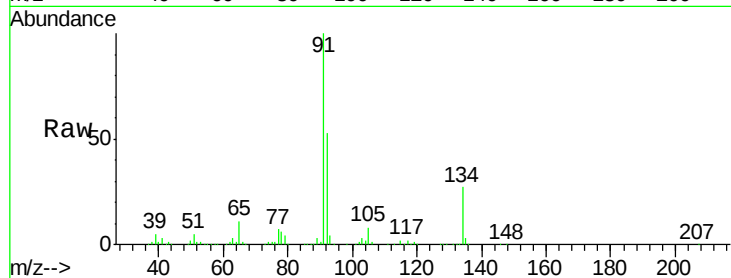
#89
n-Butylbenzene
Concen: 47.542 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.4	12.9	38.6

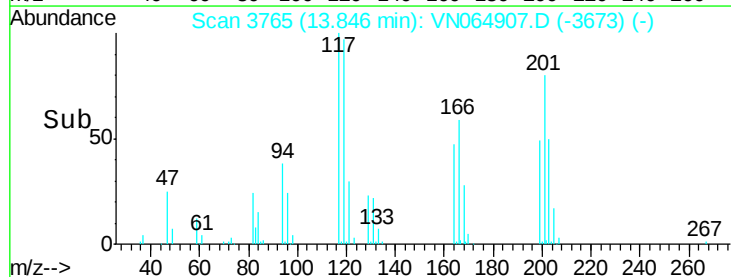
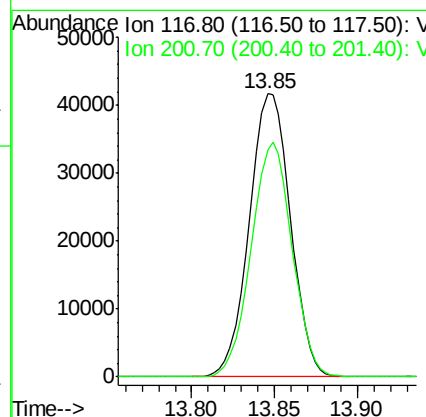
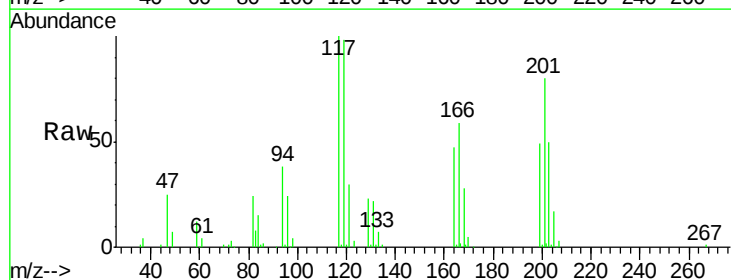
Manual Integrations
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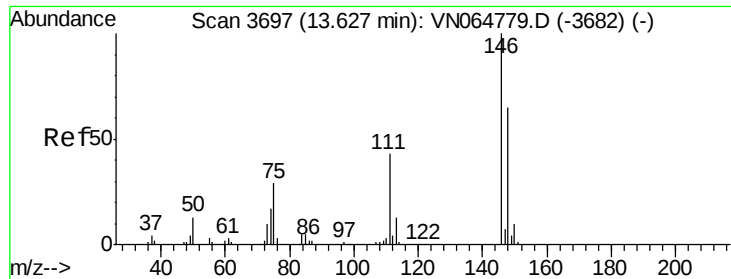
SAM
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#90
Hexachloroethane
Concen: 48.787 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064907.D
Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	40.1	120.3





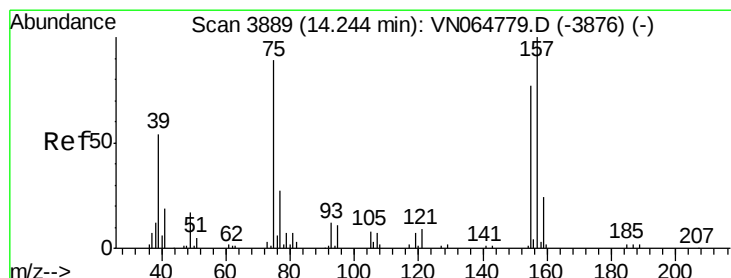
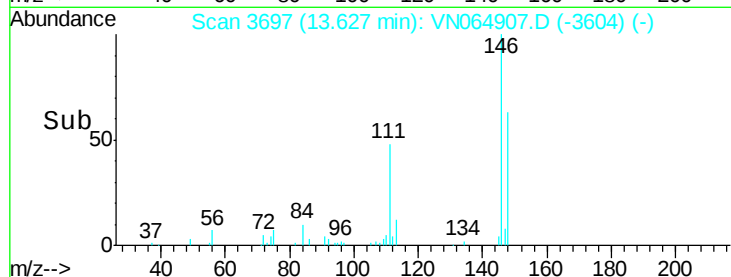
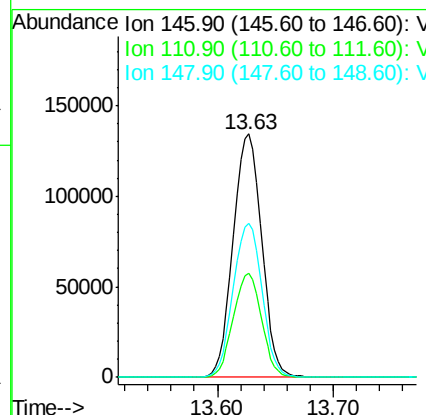
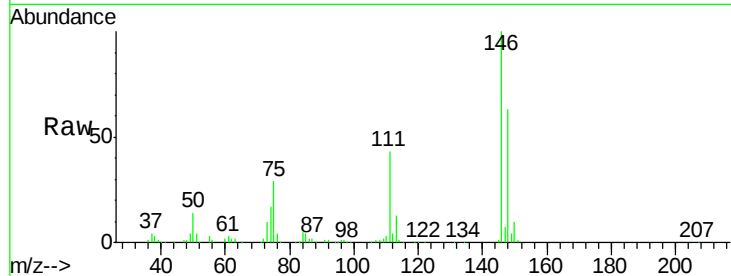
#91
 1,2-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.0	32.0	96.2

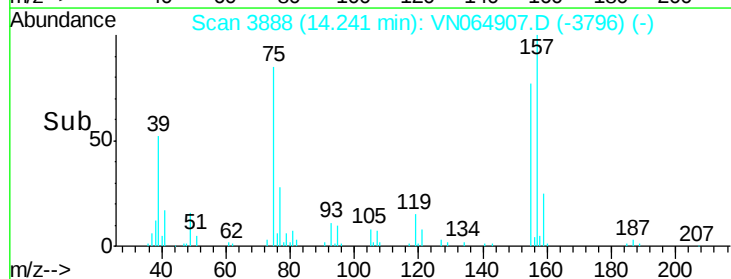
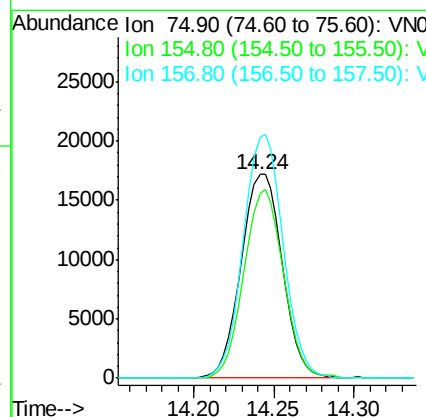
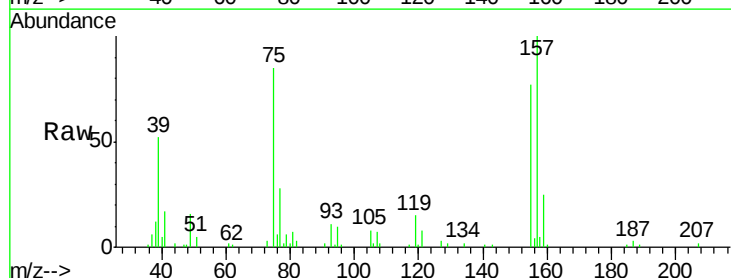
Manual Integrations
 APPROVED

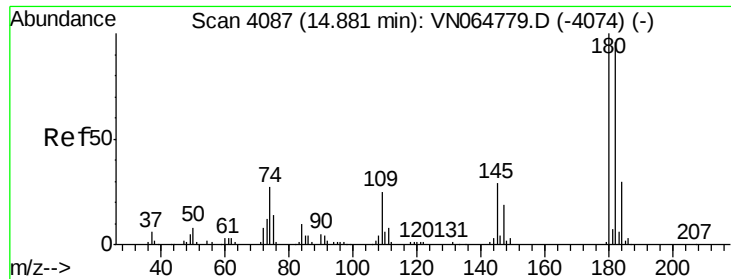
SAM
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.389 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.8	128.3
157	115.4	56.4	169.1





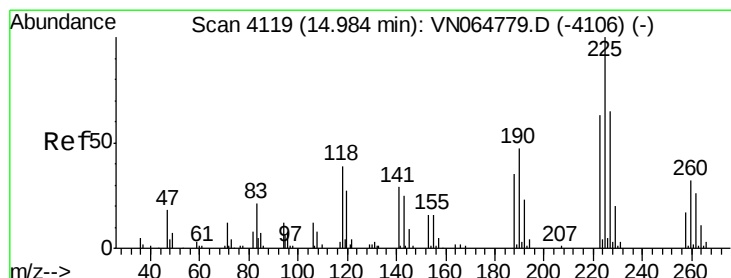
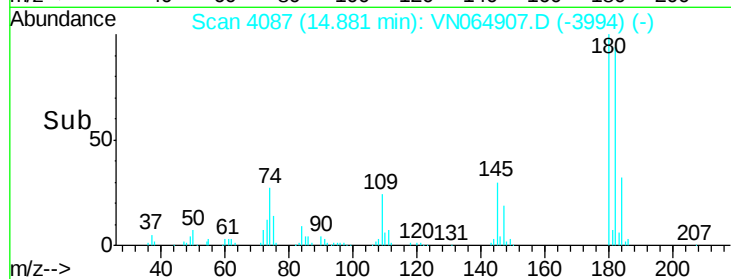
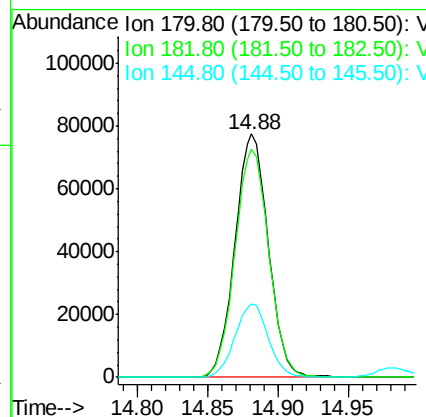
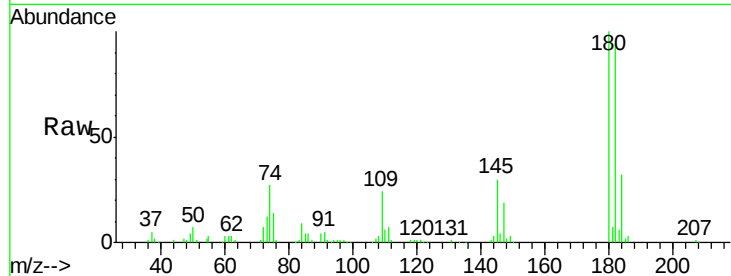
#93
 1,2,4-Trichlorobenzene
 Concen: 43.635 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.6	142.9	
145	30.2	15.3	45.8	

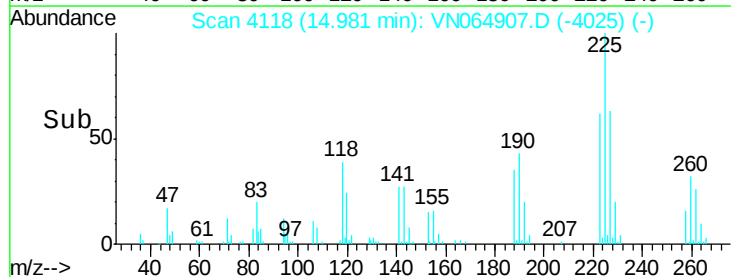
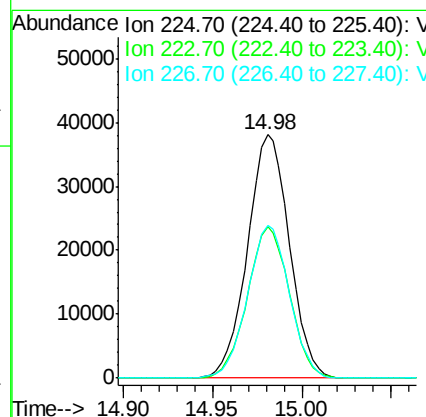
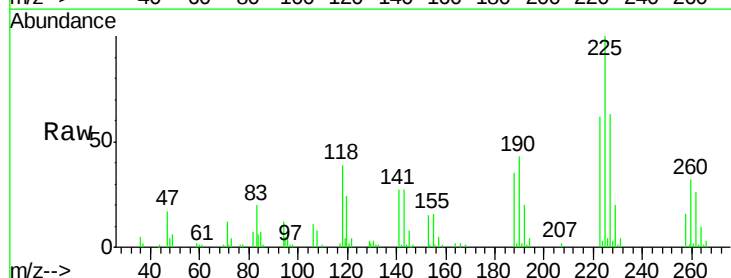
Manual Integrations
 APPROVED

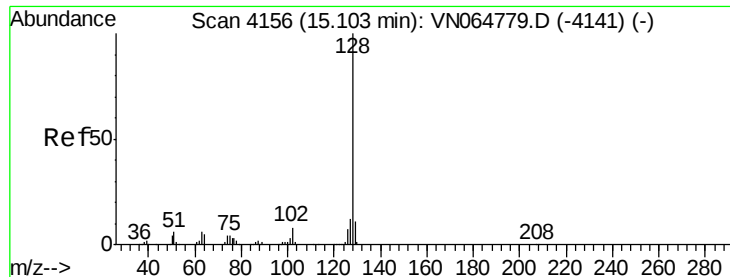
SAM
 12/4/2020 5:42:54 PM



#94
 Hexachlorobutadiene
 Concen: 47.203 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064907.D
 Acq: 3 Dec 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.0	93.0	
227	62.7	32.0	96.0	





#95

Naphthalene

Concen: 43.661 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

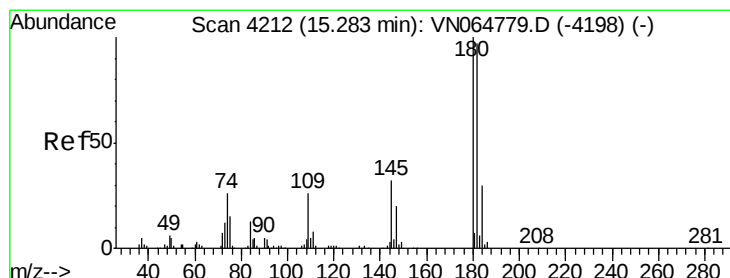
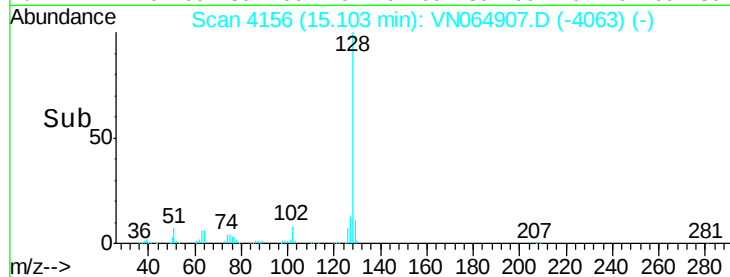
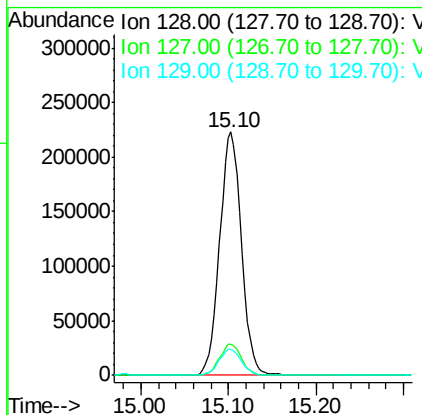
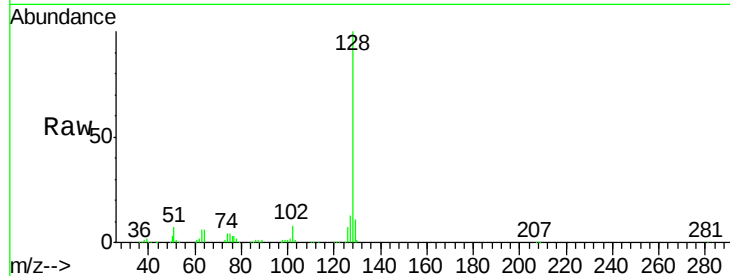
VSTDCCC050EC

Tot Ion:	128	Resp:	384664
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

SAM

12/4/2020 5:42:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 44.766 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064907.D

Acq: 3 Dec 2020 18:15

Tgt Ion:	180	Resp:	124685
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.1	144.4
145	31.7	16.4	49.1

