

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061762.D
 Acq On : 11 Jun 2020 21:08
 Operator : JC/MD
 Sample : L2988-12MSD 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

Quant Time: Jun 12 05:51:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	342108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	267562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	168632	41.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.74%	
35) Dibromofluoromethane	7.55	113	133411	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.06	98	585711	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	12.38	95	212110	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180402	45.771	ug/l	96
3) Chloromethane	2.03	50	170329	40.821	ug/l	100
4) Vinyl Chloride	2.16	62	246752	43.153	ug/l	99
5) Bromomethane	2.52	94	158382	48.271	ug/l	98
6) Chloroethane	2.66	64	165230	44.893	ug/l	98
7) Trichlorofluoromethane	2.98	101	310378	42.093	ug/l	100
8) Diethyl Ether	3.37	74	102676	45.539	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162177	49.564	ug/l	95
10) Methyl Iodide	3.91	142	219265	48.273	ug/l	98
11) Tert butyl alcohol	4.73	59	141276	260.582	ug/l	99
12) 1,1-Dichloroethene	3.69	96	159501	45.627	ug/l	92
13) Acrolein	3.57	56	29282	177.566	ug/l	100
14) Allyl chloride	4.27	41	186667	40.845	ug/l	96
15) Acrylonitrile	4.93	53	345784	228.502	ug/l	99
16) Acetone	3.77	43	261338	232.202	ug/l	99
17) Carbon Disulfide	4.01	76	296183	38.510	ug/l	97
18) Methyl Acetate	4.27	43	167514	45.399	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	537958	45.154	ug/l	99
20) Methylene Chloride	4.50	84	188824	51.003	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	183592	46.570	ug/l	92
22) Diisopropyl ether	5.90	45	452598	44.933	ug/l	98
23) Vinyl Acetate	5.84	43	1670730	208.106	ug/l	97
24) 1,1-Dichloroethane	5.80	63	297843	46.630	ug/l	100
25) 2-Butanone	6.78	43	413331	213.969	ug/l	98
26) 2,2-Dichloropropane	6.78	77	240608	41.157	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	219820	49.242	ug/l	95
28) Bromochloromethane	7.15	49	107526	44.694	ug/l	93
29) Tetrahydrofuran	7.16	42	269777	211.786	ug/l	95
30) Chloroform	7.33	83	336622	47.637	ug/l	98
31) Cyclohexane	7.61	56	237778	41.393	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	300728	46.705	ug/l	99
36) 1,1-Dichloropropene	7.75	75	232277	49.301	ug/l	99
37) Ethyl Acetate	6.88	43	174519	45.991	ug/l	97
38) Carbon Tetrachloride	7.73	117	254645	56.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	266882	45.958	ug/l	97
40) Benzene	8.00	78	750943	51.658	ug/l	100
41) Methacrylonitrile	7.13	41	86717	49.878	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	241603	49.644	ug/l	99
43) Isopropyl Acetate	8.13	43	303848	44.507	ug/l	96
44) Trichloroethene	8.80	130	683883	153.081	ug/l	95
45) 1,2-Dichloropropane	9.08	63	179113	51.890	ug/l	100
46) Dibromomethane	9.17	93	135260	51.093	ug/l	96
47) Bromodichloromethane	9.37	83	277133	52.838	ug/l	99
48) Methyl methacrylate	9.17	41	133854	43.578	ug/l	94
49) 1,4-Dioxane	9.17	88	67688	1422.485	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	895701	232.818	ug/l	97
52) Toluene	10.12	92	490402	51.687	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	284953	50.432	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	305790	50.333	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	199676	52.824	ug/l	98
56) Ethyl methacrylate	10.40	69	262788	49.767	ug/l	97
57) 1,3-Dichloropropane	10.68	76	312234	51.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	244753	108.464	ug/l	99
59) 2-Hexanone	10.72	43	643311	232.833	ug/l	96
60) Dibromochloromethane	10.87	129	235451	54.790	ug/l	100
61) 1,2-Dibromoethane	10.98	107	208806	52.964	ug/l	100
64) Tetrachloroethene	10.60	164	244732	50.796	ug/l	98
65) Chlorobenzene	11.41	112	551641	51.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	215774	54.468	ug/l	99
67) Ethyl Benzene	11.48	91	952682	51.808	ug/l	100
68) m/p-Xylenes	11.60	106	759888	104.221	ug/l	98
69) o-Xylene	11.92	106	361645	52.222	ug/l	98
70) Styrene	11.94	104	613489	53.495	ug/l	98
71) Bromoform	12.10	173	167971	55.026	ug/l #	100
73) Isopropylbenzene	12.22	105	951371	48.717	ug/l	100
74) N-amyl acetate	12.05	43	265636	43.193	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	255225	46.638	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	326505	67.109	ug/l #	100
77) Bromobenzene	12.50	156	258258	51.809	ug/l	95
78) n-propylbenzene	12.57	91	1065374	48.868	ug/l	100
79) 2-Chlorotoluene	12.65	91	624282	48.023	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	794301	48.664	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83574	43.927	ug/l	97
82) 4-Chlorotoluene	12.75	91	657190	48.055	ug/l	99
83) tert-Butylbenzene	12.97	119	688178	47.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	802018	49.461	ug/l	99
85) sec-Butylbenzene	13.15	105	887608	47.764	ug/l	99
86) p-Isopropyltoluene	13.26	119	829221	48.454	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	451278	51.124	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	452274	50.295	ug/l	99
89) n-Butylbenzene	13.59	91	660644	46.089	ug/l	99
90) Hexachloroethane	13.85	117	122845	64.907	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	432015	51.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	45740	40.983	ug/l	93

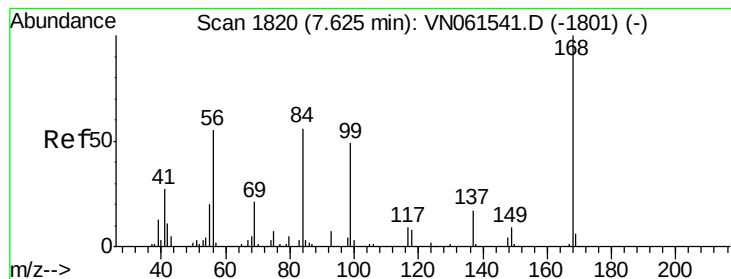
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	249676	50.608	ug/l	99
94) Hexachlorobutadiene	14.99	225	104818	49.816	ug/l	99
95) Naphthalene	15.11	128	703576	46.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	245527	50.617	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

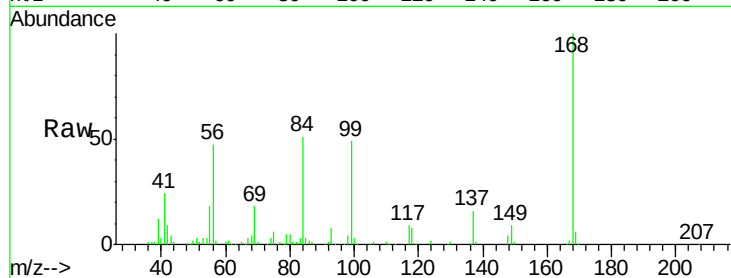
RE108D2-20200608MSD

Tot Ion:168 Resp: 342108

Ion Ratio Lower Upper

168 100

99 48.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

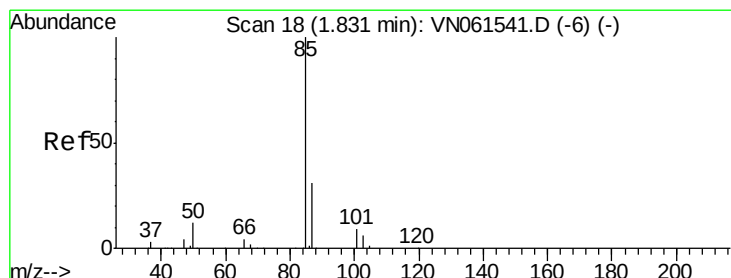
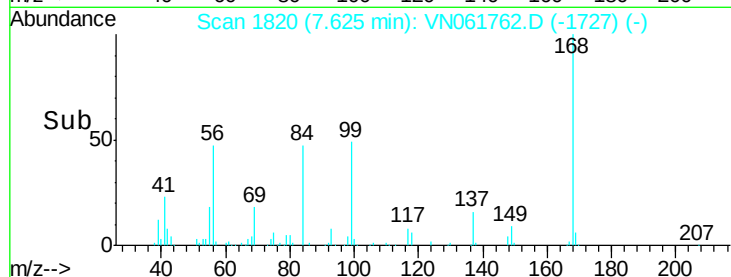
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.771 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061762.D

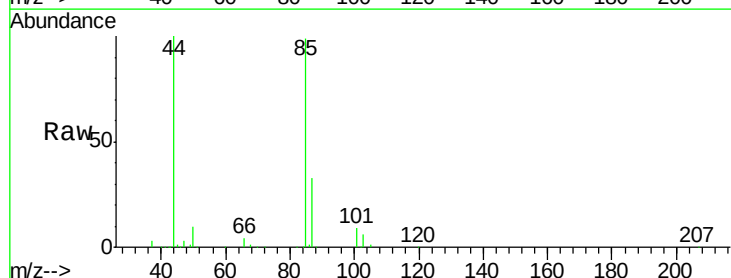
Acq: 11 Jun 2020 21:08

Tgt Ion: 85 Resp: 180402

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

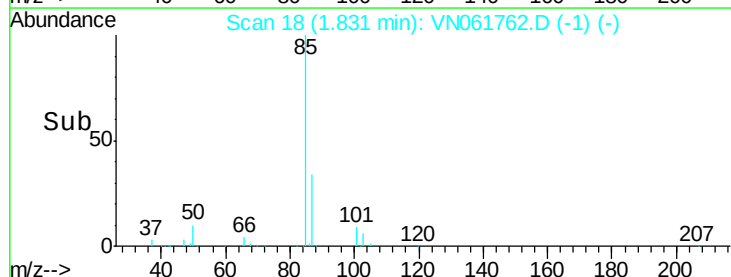
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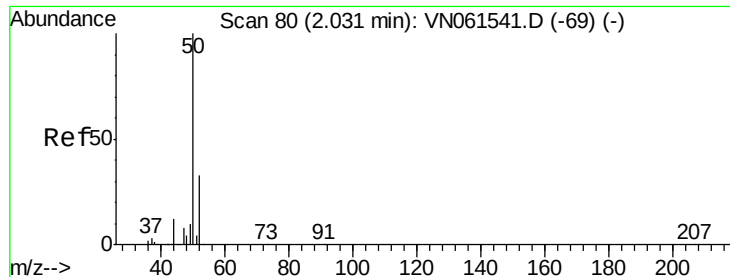
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 40.821 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

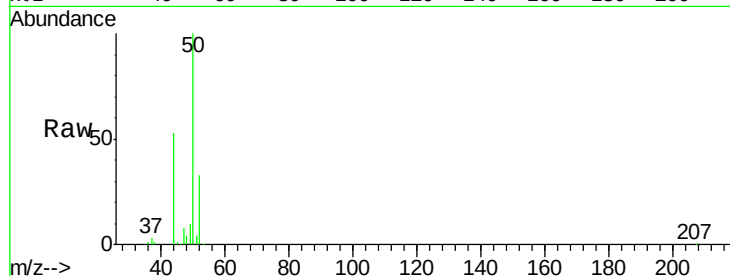
RE108D2-20200608MSD

Tot Ion: 50 Resp: 170329

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061762.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061762.D (-1) (-)

2.03

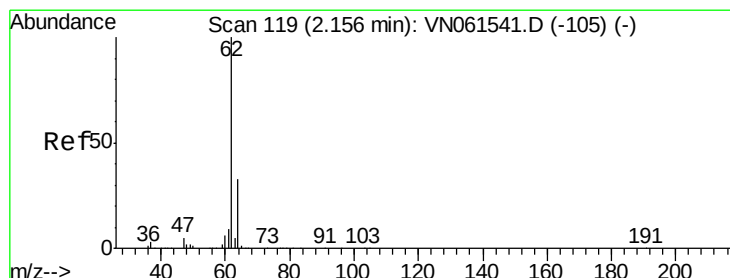
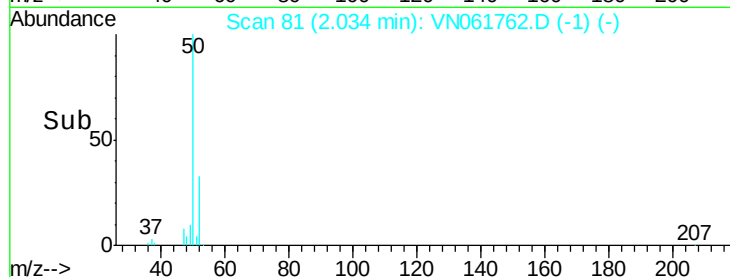
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 43.153 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061762.D

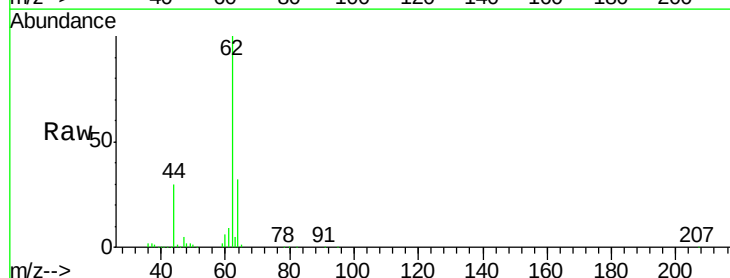
Acq: 11 Jun 2020 21:08

Tgt Ion: 62 Resp: 246752

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061762.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN061762.D (-26) (-)

2.16

200000

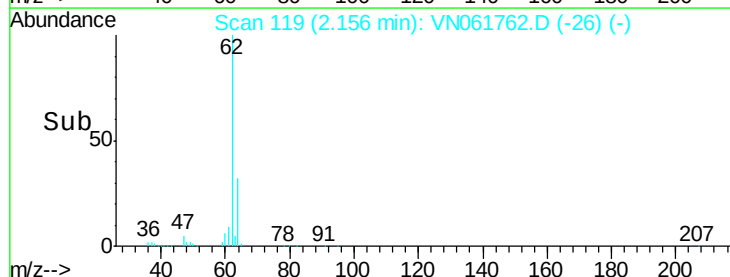
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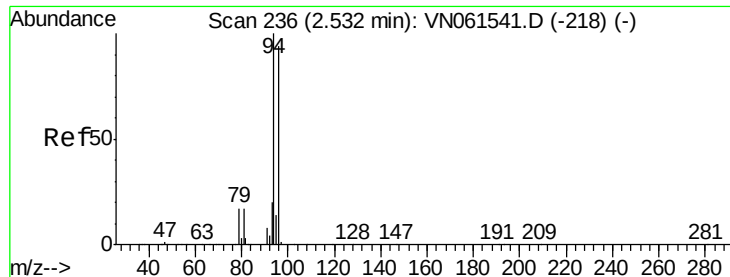
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.271 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

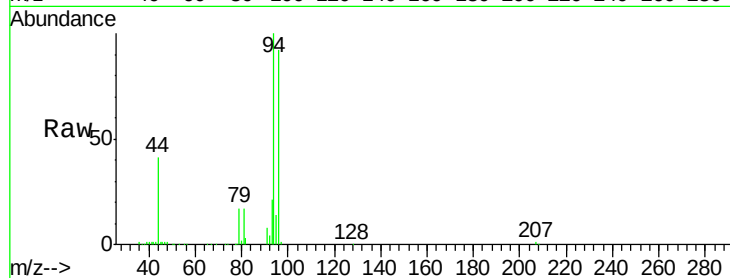
RE108D2-20200608MSD

Tot Ion: 94 Resp: 158382

Ion Ratio Lower Upper

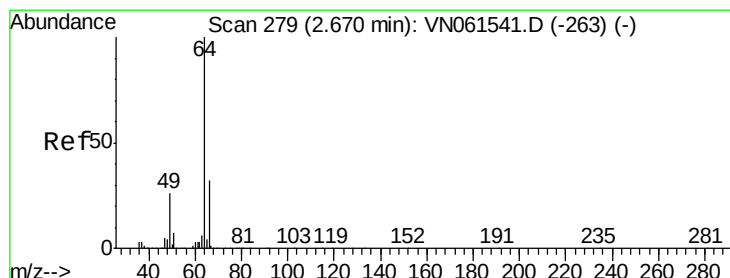
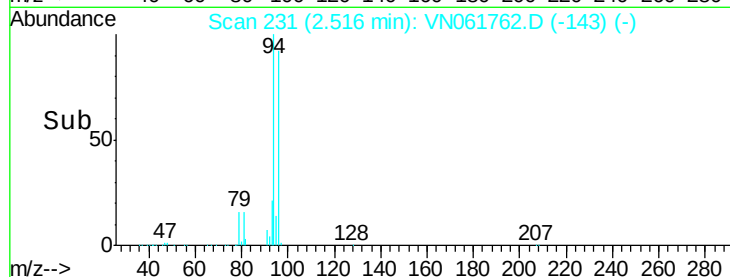
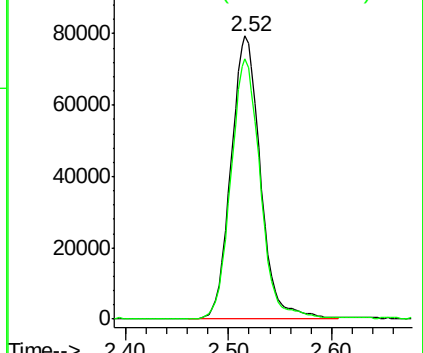
94 100

96 91.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.893 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061762.D

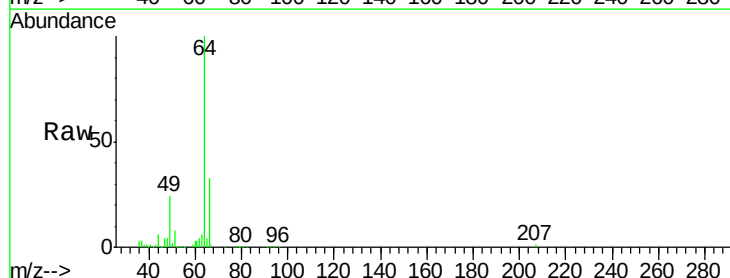
Acq: 11 Jun 2020 21:08

Tgt Ion: 64 Resp: 165230

Ion Ratio Lower Upper

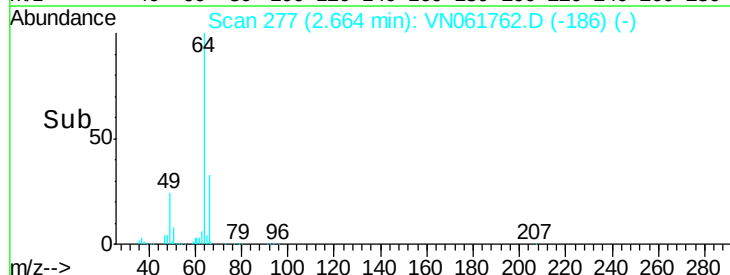
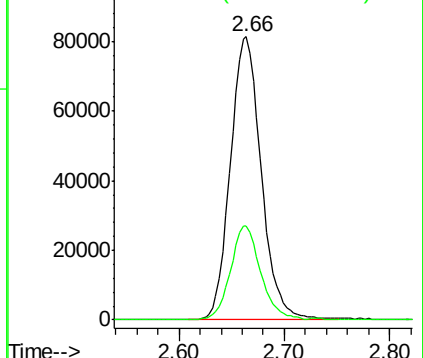
64 100

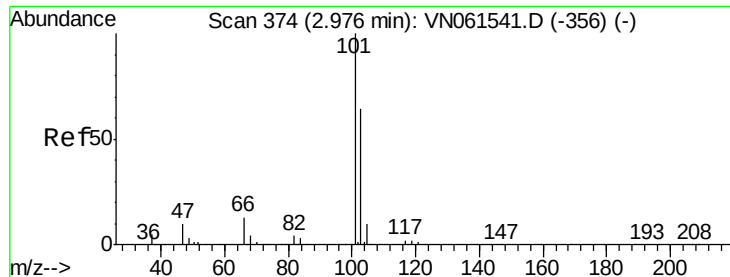
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



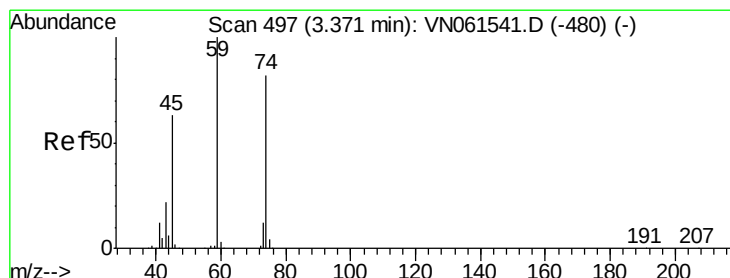
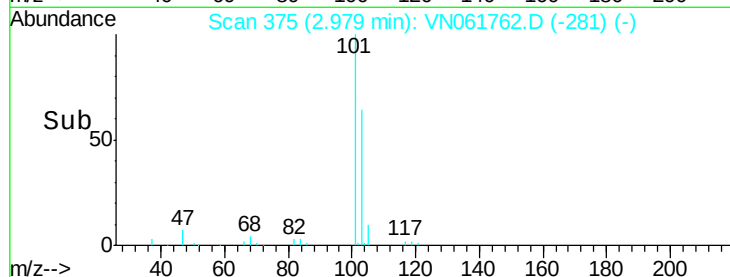
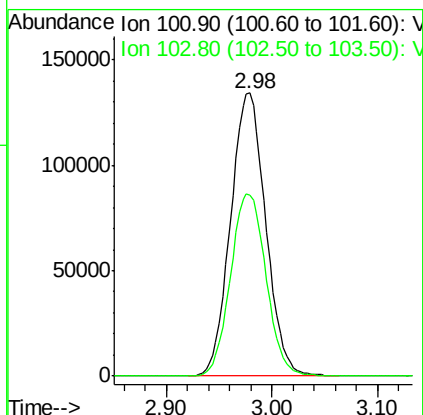
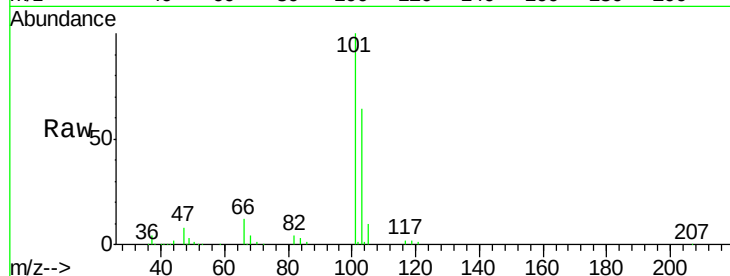


#7

Trichlorofluoromethane
Concen: 42.093 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061762.D
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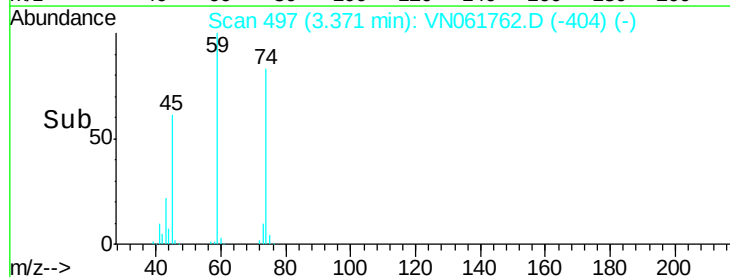
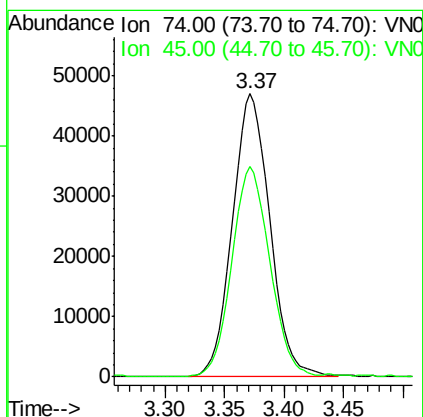
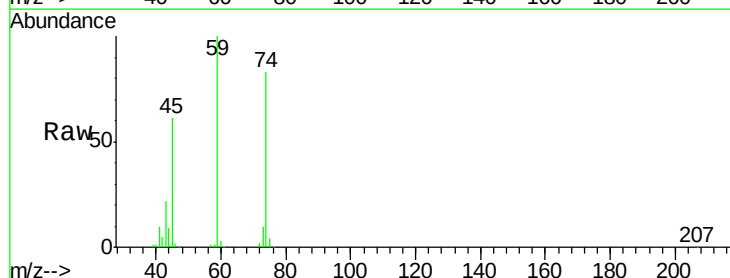
Tot Ion:101 Resp: 310378
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

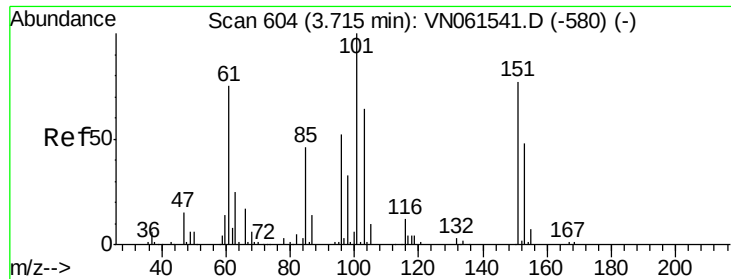


#8

Diethyl Ether
Concen: 45.539 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 74 Resp: 102676
Ion Ratio Lower Upper
74 100
45 75.4 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.564 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

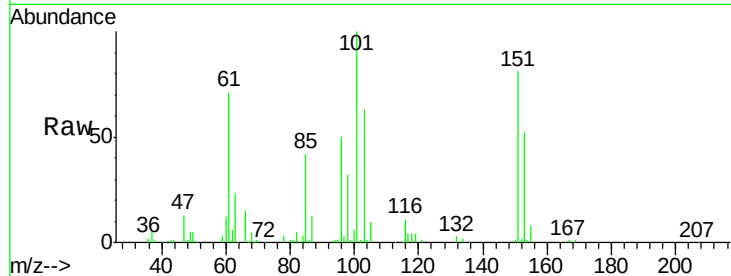
Tot Ion:101 Resp: 162177

Ion Ratio Lower Upper

101 100

85 42.1 35.2 52.8

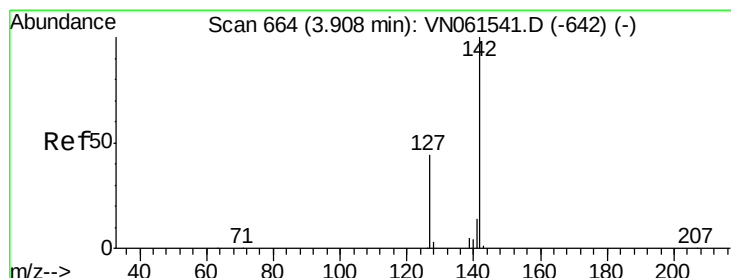
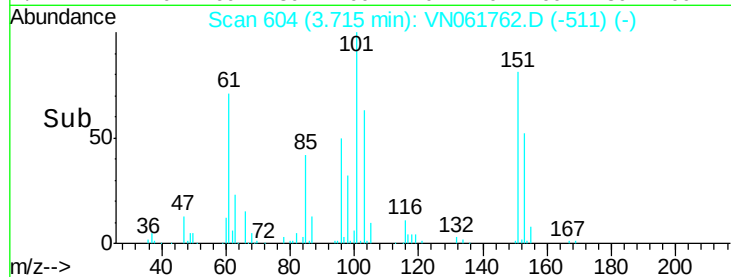
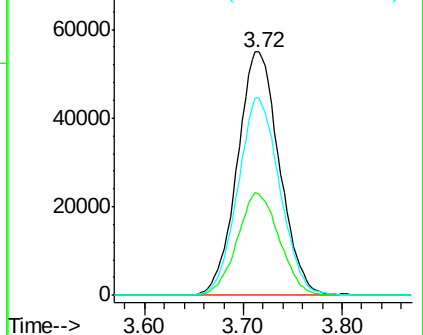
151 81.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.273 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

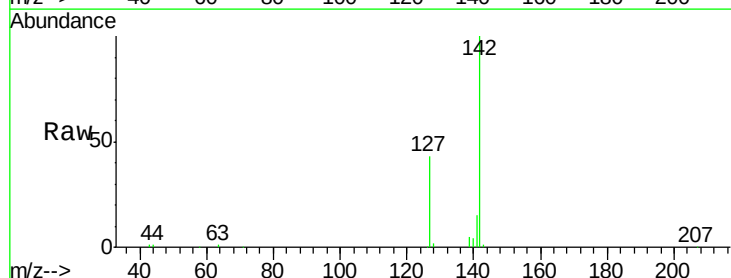
Tgt Ion:142 Resp: 219265

Ion Ratio Lower Upper

142 100

127 42.6 35.5 53.3

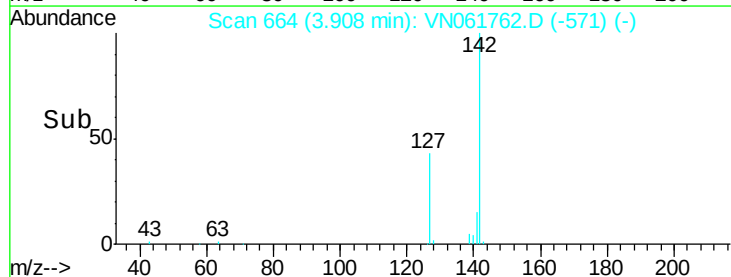
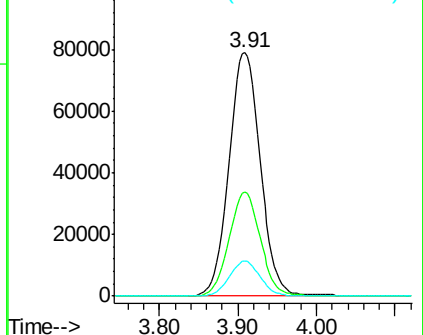
141 14.0 11.5 17.3

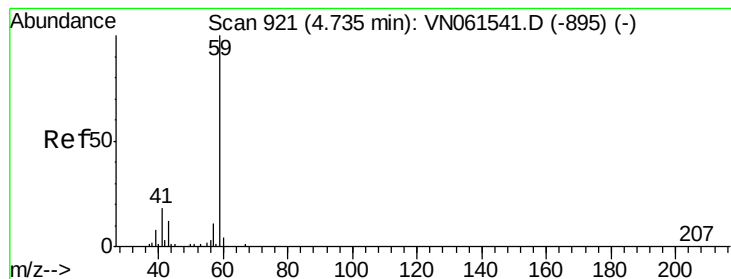


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



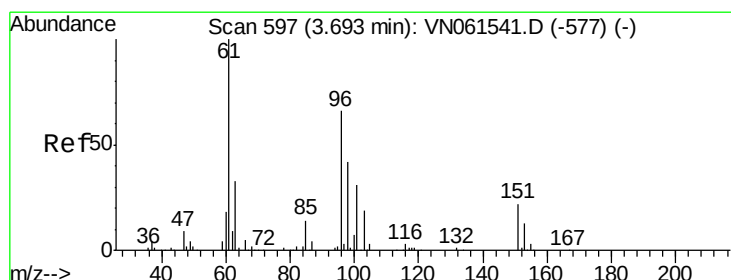
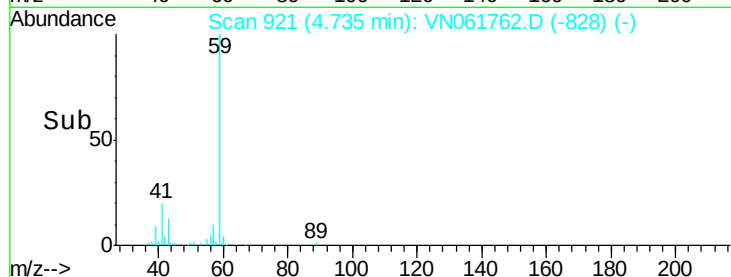
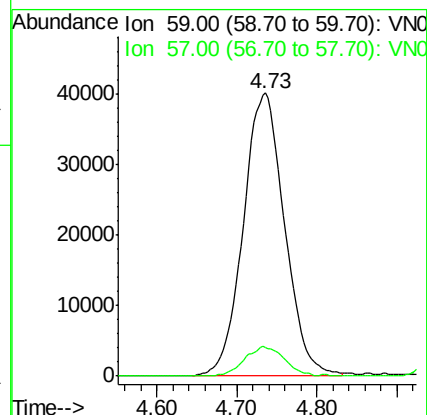
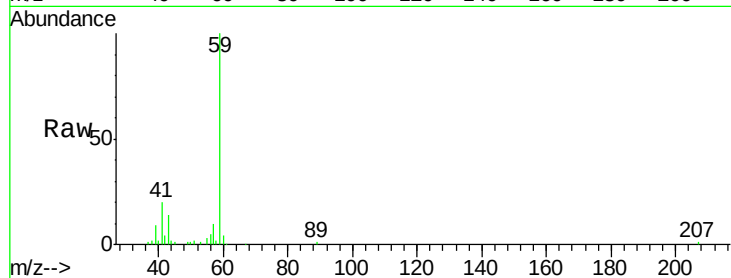


#11

Tert butyl alcohol
Concen: 260.582 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

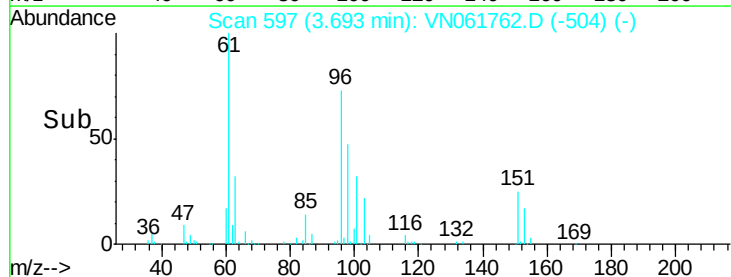
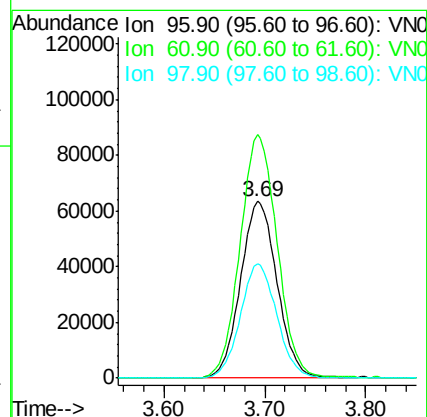
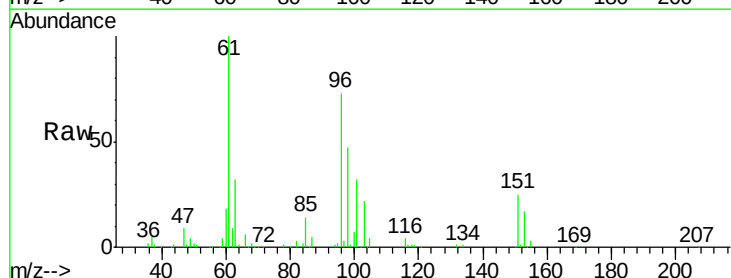
Tot Ion: 59 Resp: 141276
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

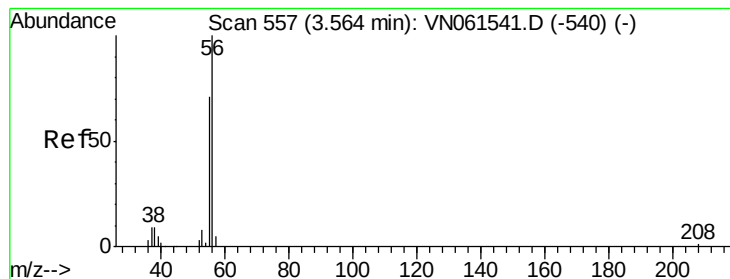


#12

1,1-Dichloroethene
Concen: 45.627 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 96 Resp: 159501
Ion Ratio Lower Upper
96 100
61 137.8 120.5 180.7
98 65.0 50.8 76.2





#13

Acrolein

Concen: 177.566 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

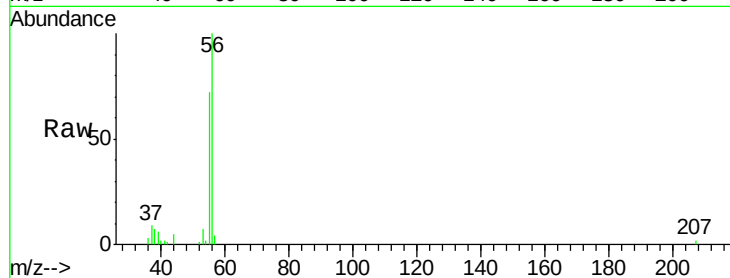
RE108D2-20200608MSD

Tot Ion: 56 Resp: 29282

Ion Ratio Lower Upper

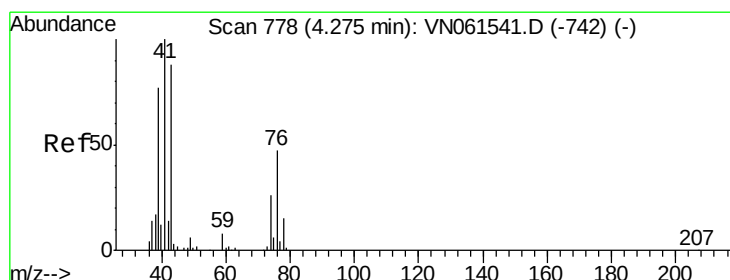
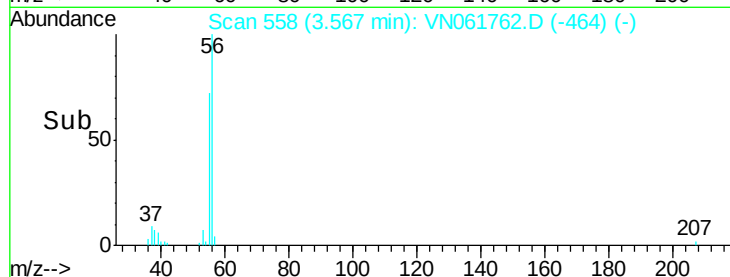
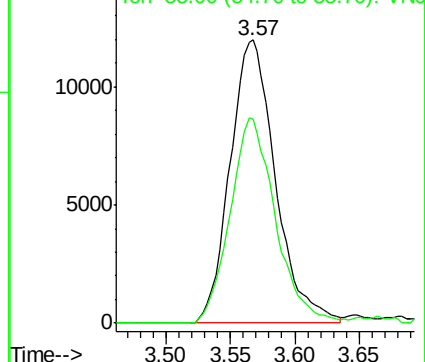
56 100

55 72.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 40.845 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

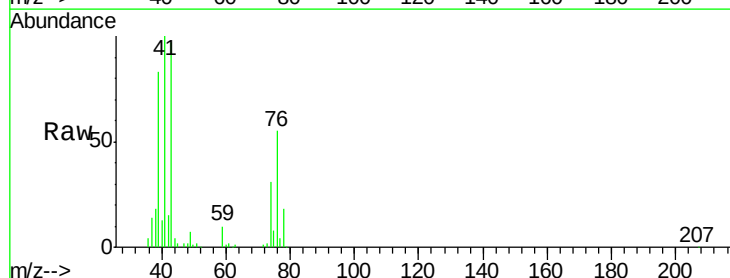
Tgt Ion: 41 Resp: 186667

Ion Ratio Lower Upper

41 100

39 74.6 58.6 88.0

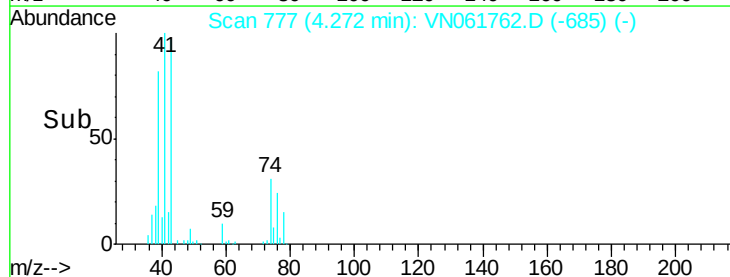
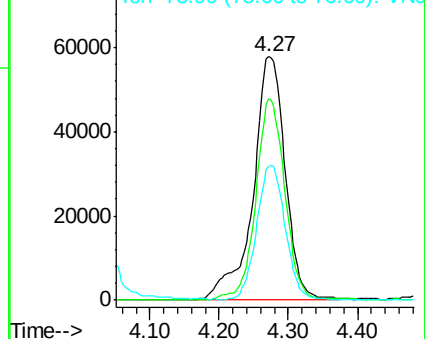
76 48.2 34.2 51.4

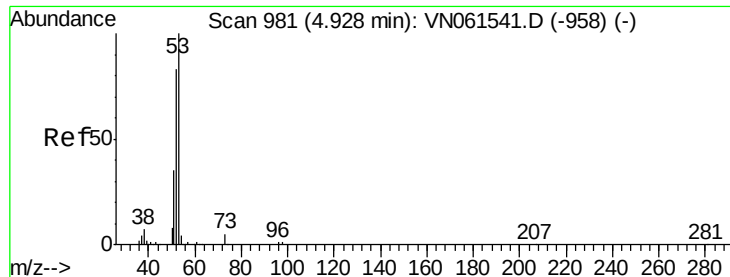


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 228.502 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

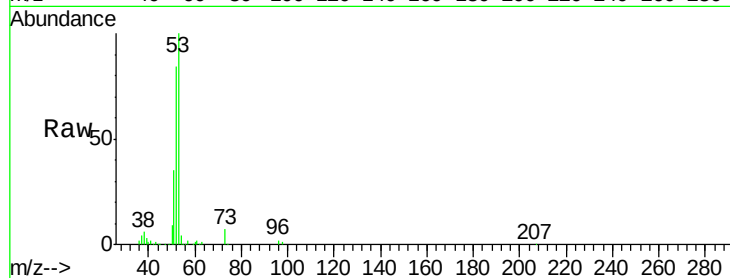
Tot Ion: 53 Resp: 345784

Ion Ratio Lower Upper

53 100

52 80.8 65.4 98.2

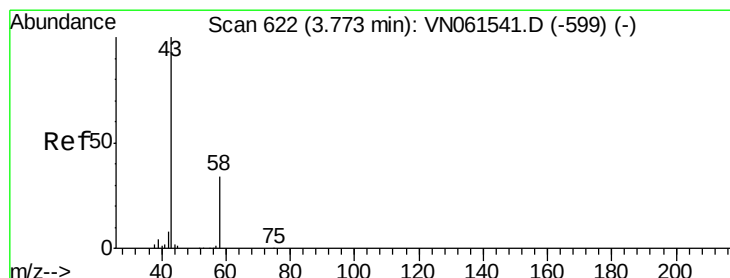
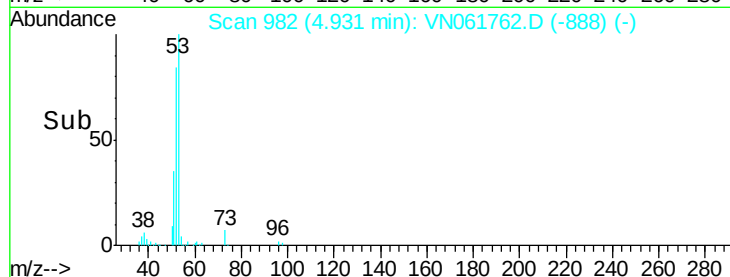
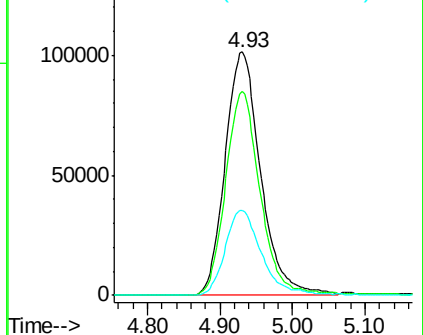
51 35.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061762.D (-982) (-)

Ion 52.00 (51.70 to 52.70): VN061762.D (-982) (-)

Ion 51.00 (50.70 to 51.70): VN061762.D (-982) (-)



#16

Acetone

Concen: 232.202 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061762.D

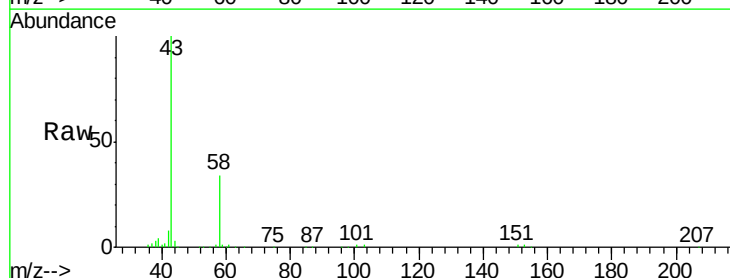
Acq: 11 Jun 2020 21:08

Tgt Ion: 43 Resp: 261338

Ion Ratio Lower Upper

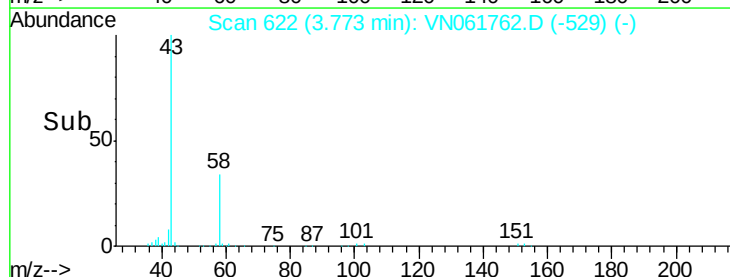
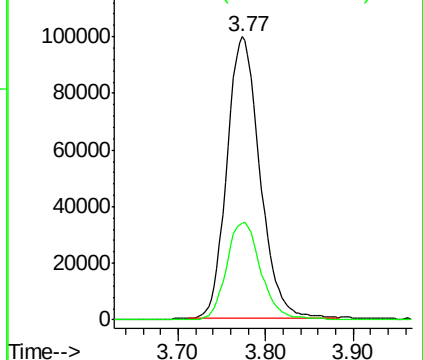
43 100

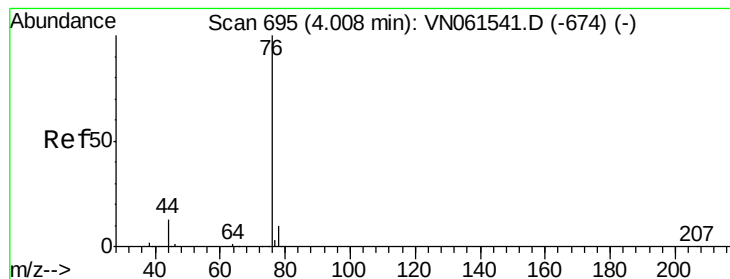
58 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061762.D (-622) (-)

Ion 58.00 (57.70 to 58.70): VN061762.D (-622) (-)





#17

Carbon Disulfide

Concen: 38.510 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

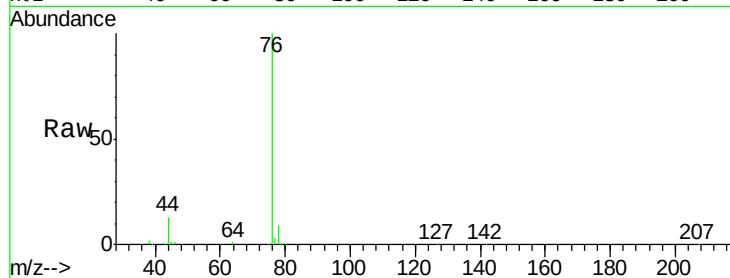
RE108D2-20200608MSD

Tot Ion: 76 Resp: 296183

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061762.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN061762.D (-602) (-)

4.01

120000

100000

80000

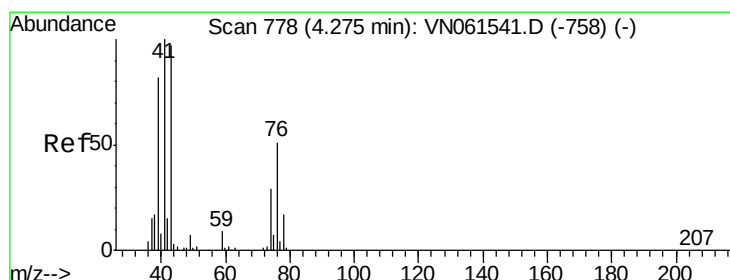
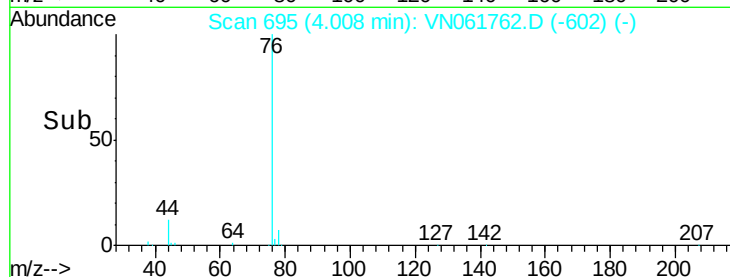
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 45.399 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061762.D

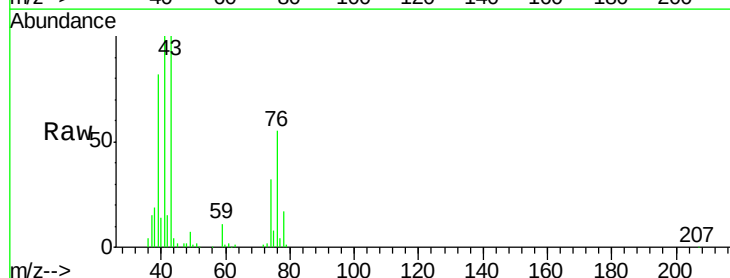
Acq: 11 Jun 2020 21:08

Tgt Ion: 43 Resp: 167514

Ion Ratio Lower Upper

43 100

74 32.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061762.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061762.D (-685) (-)

4.27

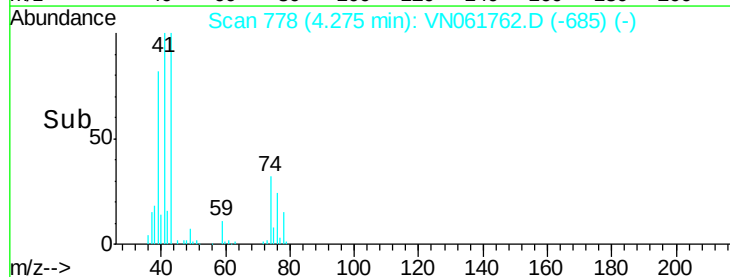
60000

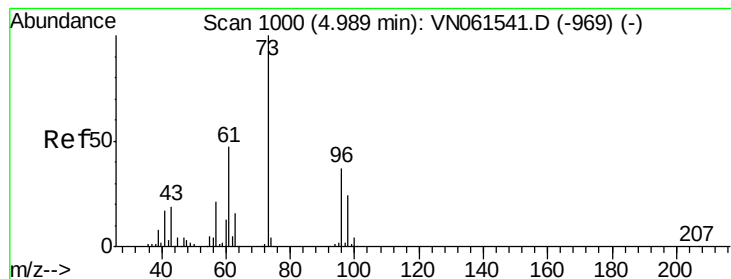
40000

20000

0

Time-->





#19

Methvl tert-butvl Ether

Concen: 45.154 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

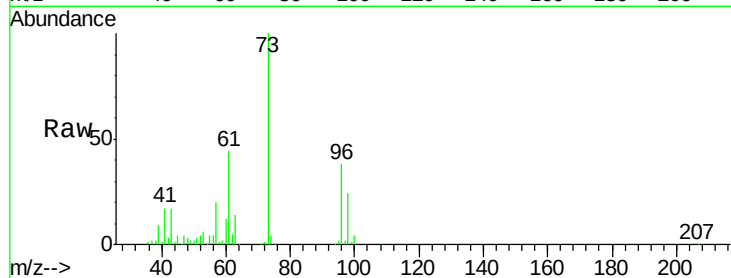
RE108D2-20200608MSD

Tot Ion: 73 Resp: 537958

Ion Ratio Lower Upper

73 100

57 19.9 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

150000

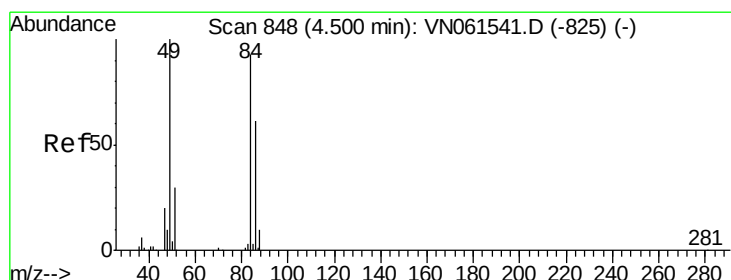
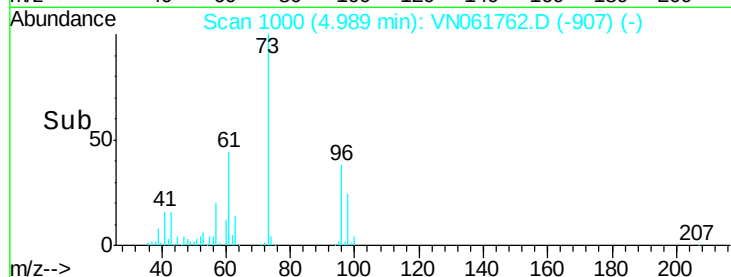
100000

50000

0

4.80 4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 51.003 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Tgt Ion: 84 Resp: 188824

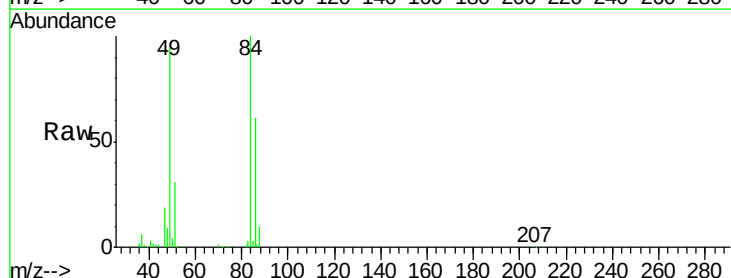
Ion Ratio Lower Upper

84 100

49 95.0 85.8 128.8

51 30.9 26.2 39.2

86 61.3 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

80000

60000

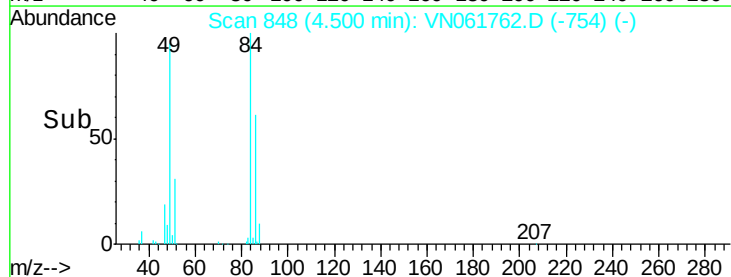
40000

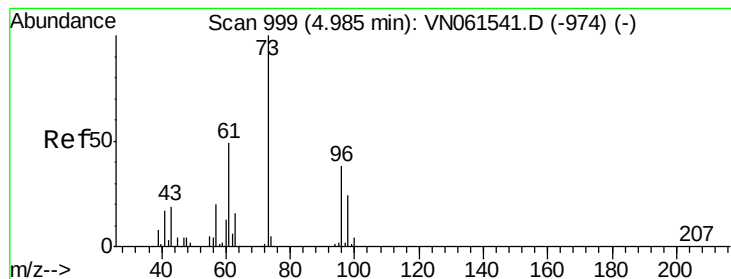
20000

0

4.40 4.50 4.60

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.570 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

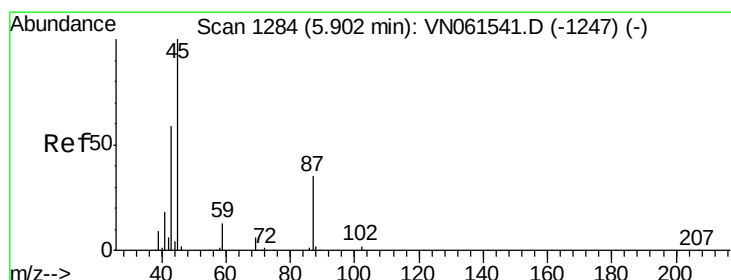
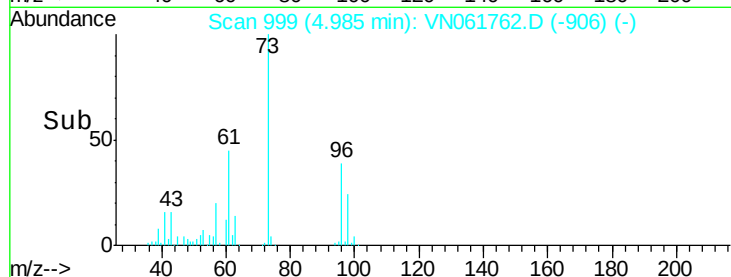
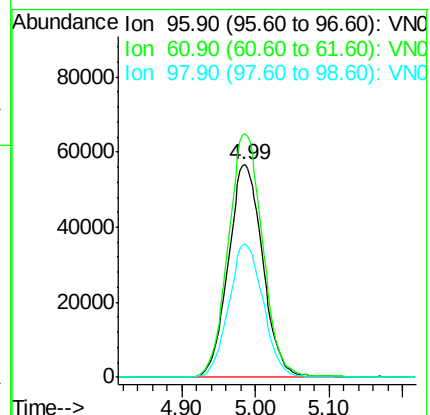
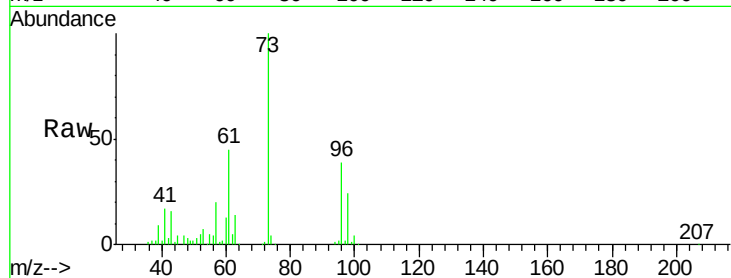
Tot Ion: 96 Resp: 183592

Ion Ratio Lower Upper

96 100

61 114.2 101.4 152.0

98 62.5 50.6 76.0



#22

Diisopropyl ether

Concen: 44.933 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Tgt Ion: 45 Resp: 452598

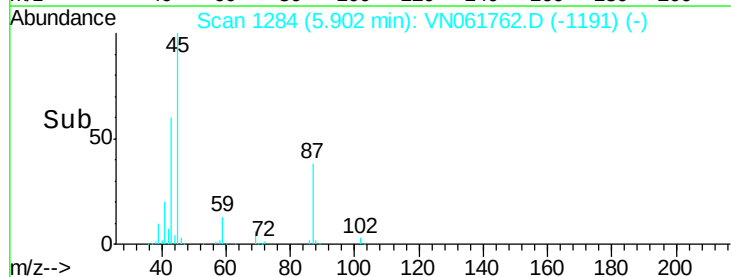
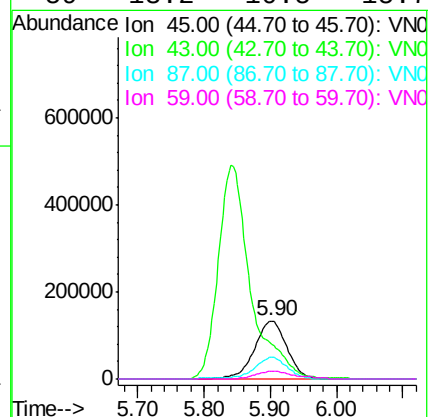
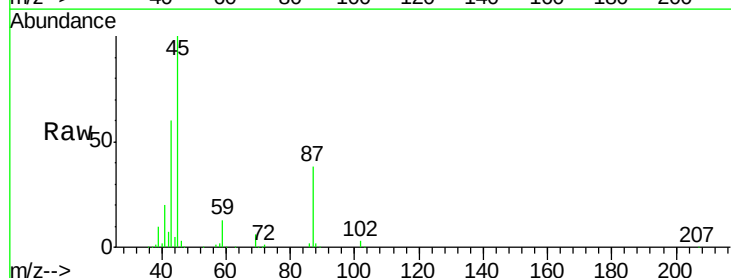
Ion Ratio Lower Upper

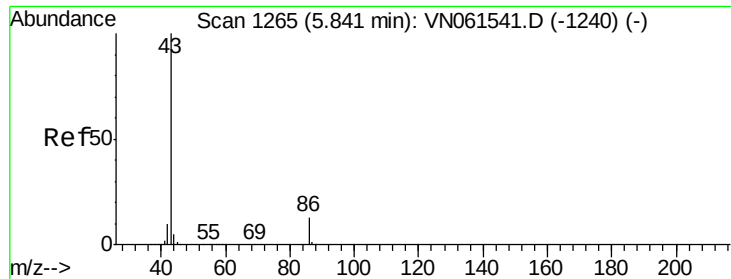
45 100

43 58.4 47.9 71.9

87 37.9 28.4 42.6

59 13.2 10.5 15.7





#23

Vinyl Acetate

Concen: 208.106 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

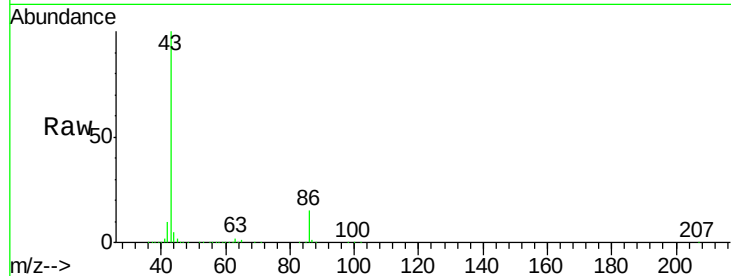
RE108D2-20200608MSD

Tot Ion: 43 Resp: 1670730

Ion Ratio Lower Upper

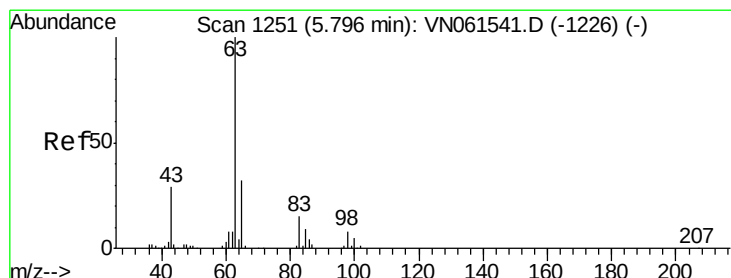
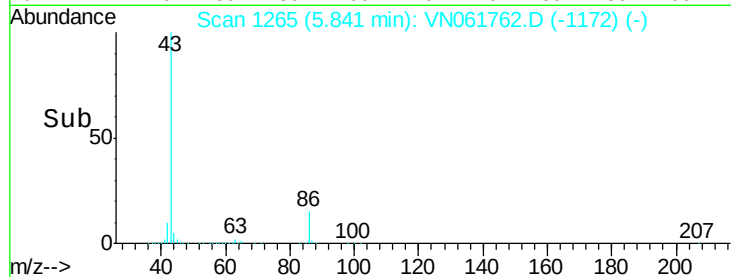
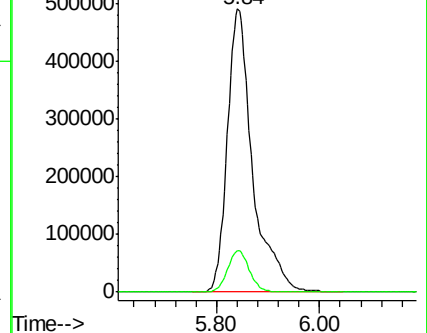
43 100

86 14.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.630 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

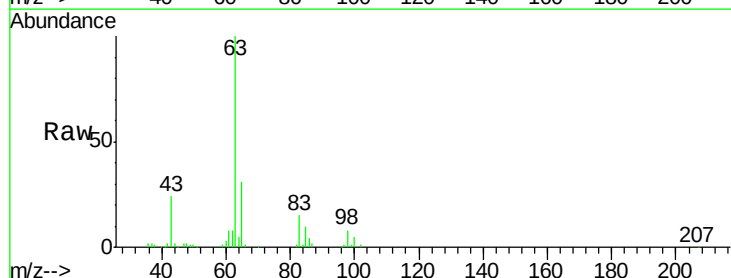
Tgt Ion: 63 Resp: 297843

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

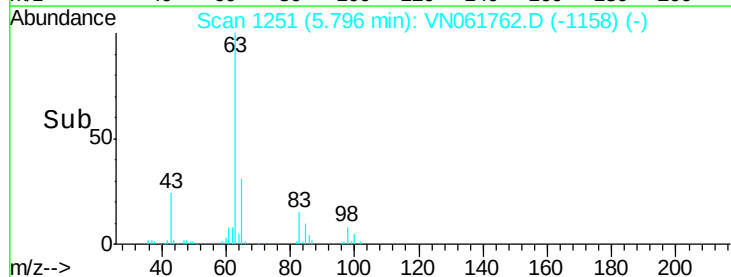
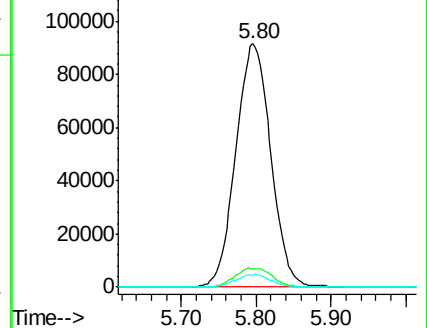
100 5.1 2.5 7.6

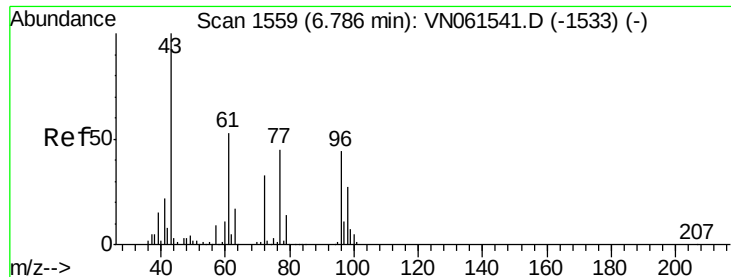


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 213.969 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

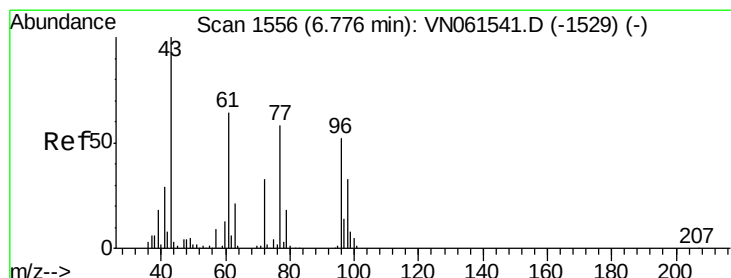
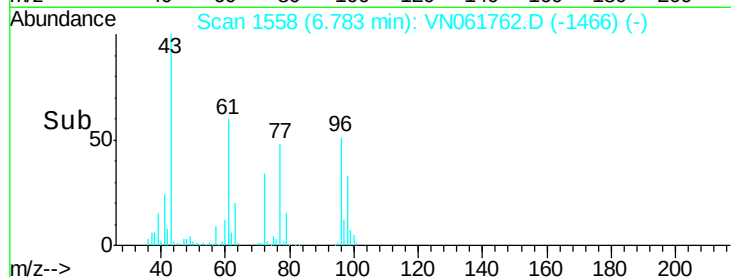
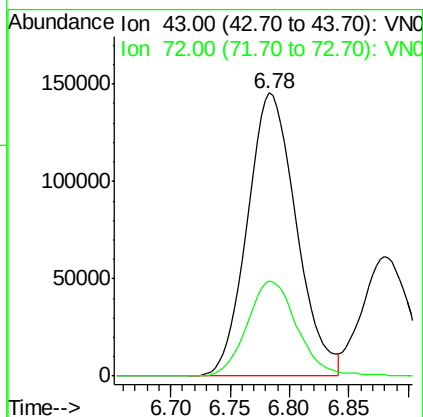
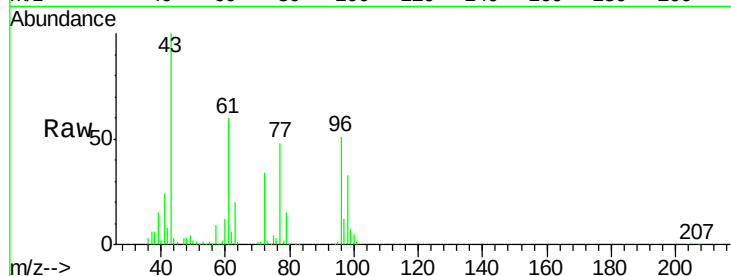
RE108D2-20200608MSD

Tot Ion: 43 Resp: 413331

Ion Ratio Lower Upper

43 100

72 33.7 26.0 39.0



#26

2,2-Dichloropropane

Concen: 41.157 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061762.D

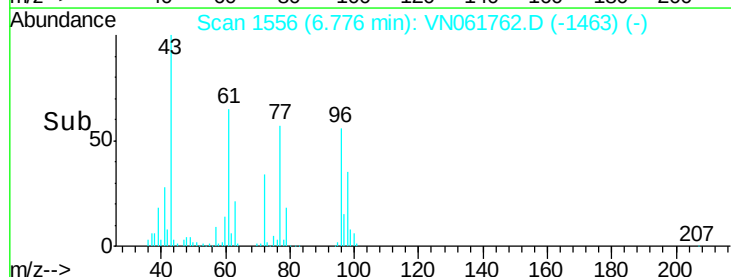
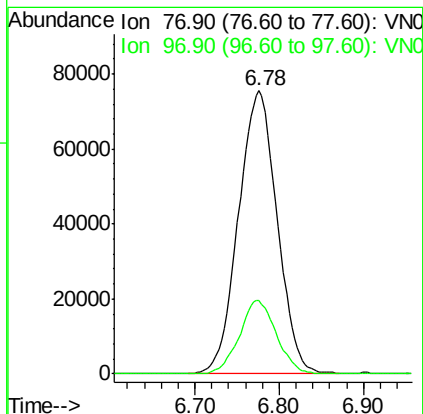
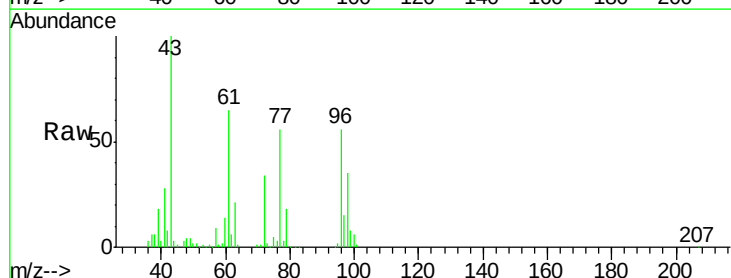
Acq: 11 Jun 2020 21:08

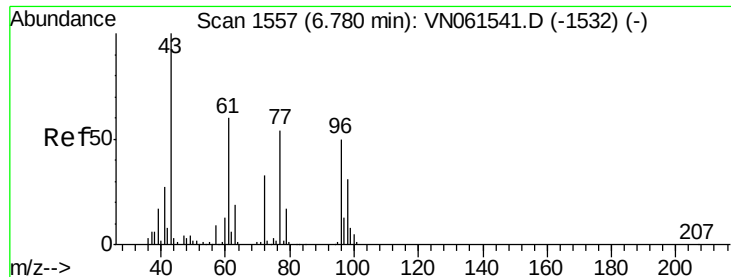
Tgt Ion: 77 Resp: 240608

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 49.242 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

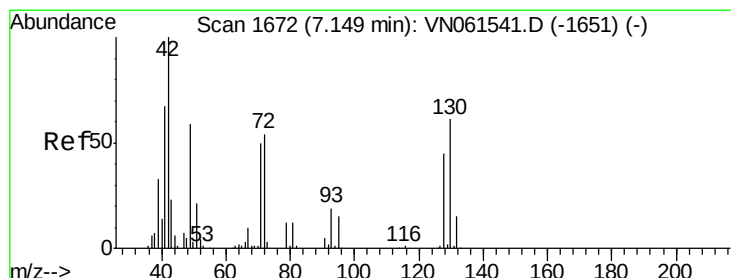
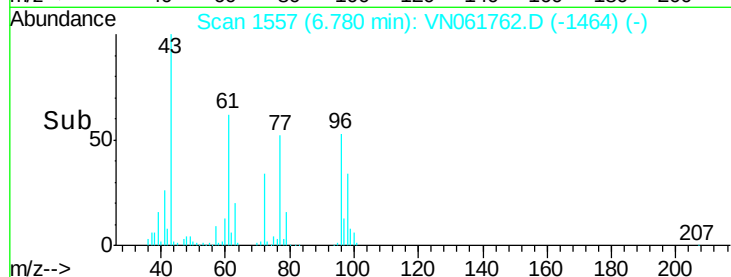
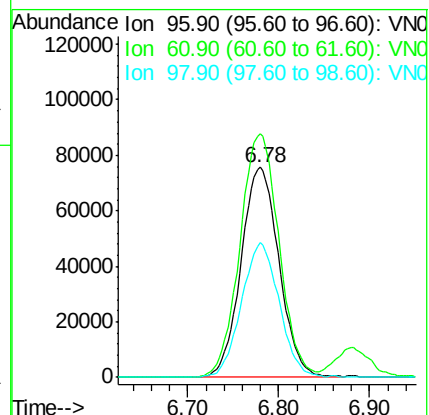
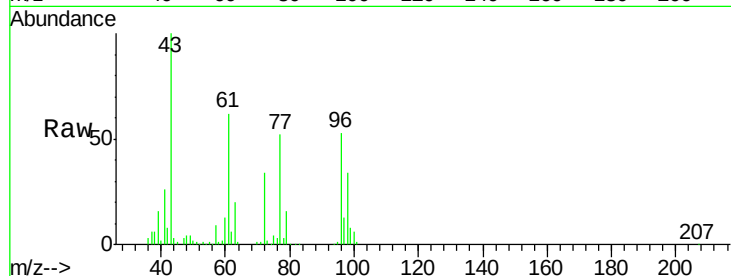
Tot Ion: 96 Resp: 219820

Ion Ratio Lower Upper

96 100

61 119.1 0.0 252.2

98 63.5 0.0 129.2



#28

Bromochloromethane

Concen: 44.694 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

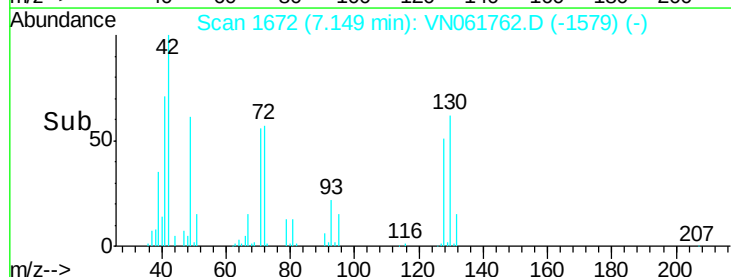
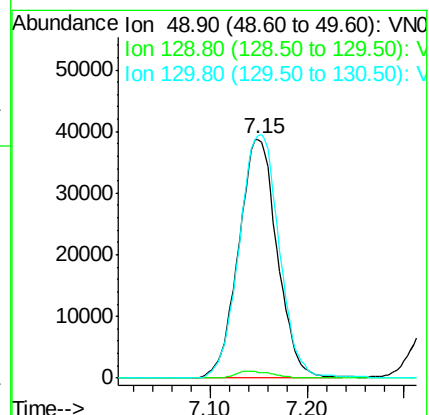
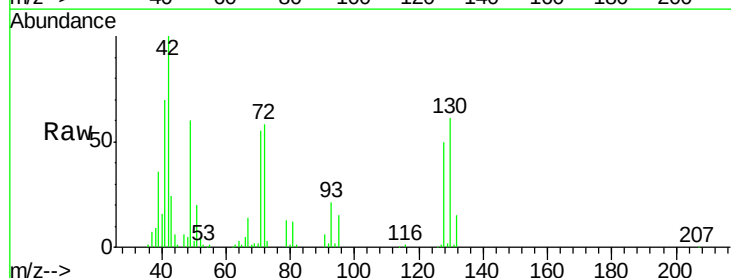
Tgt Ion: 49 Resp: 107526

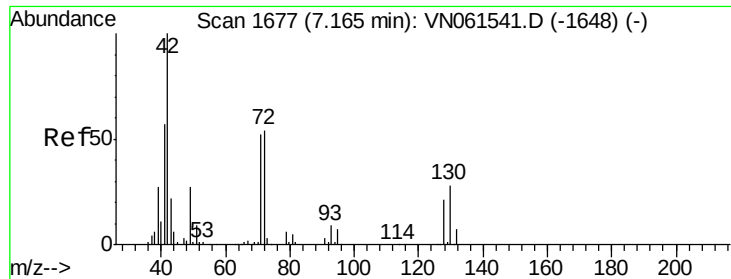
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 105.1 78.8 118.2

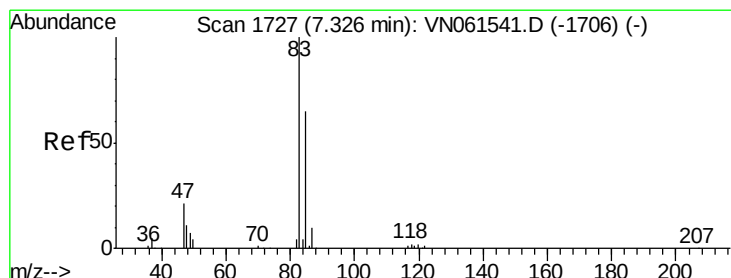
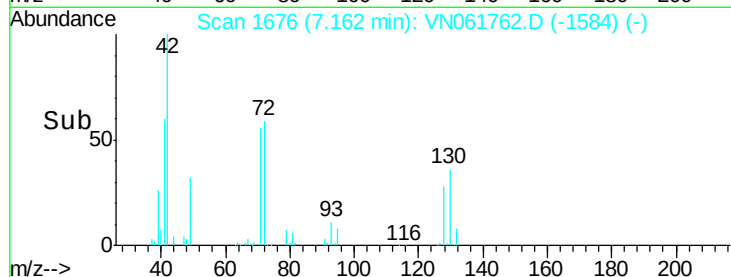
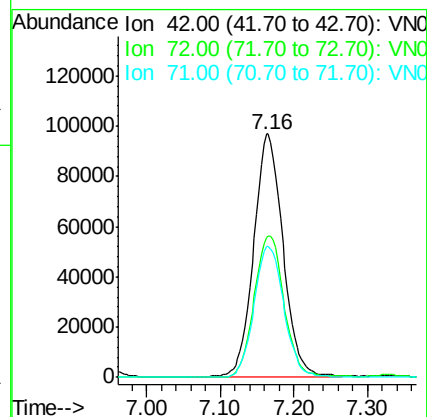
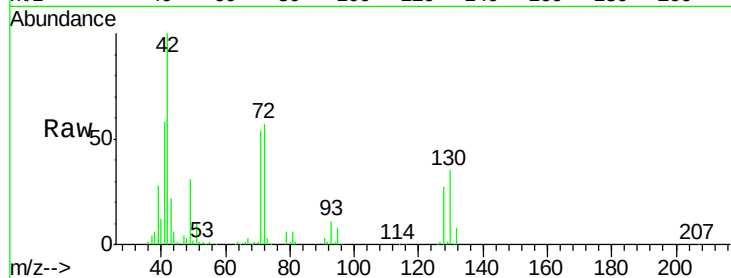




#29
Tetrahydrofuran
Concen: 211.786 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

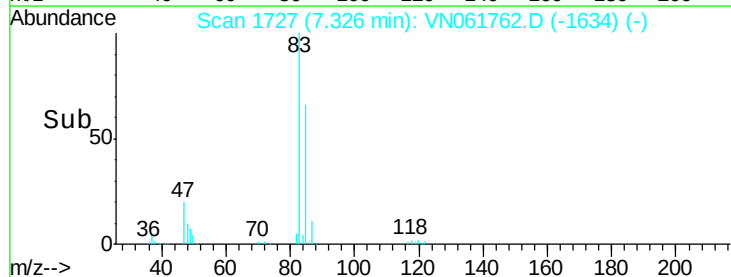
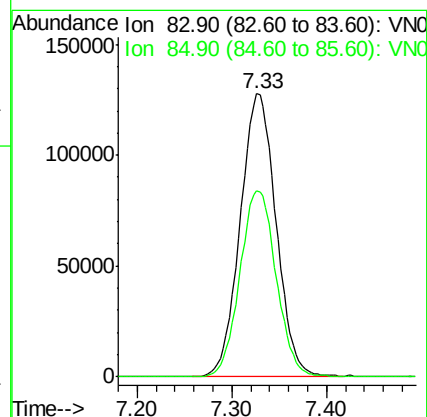
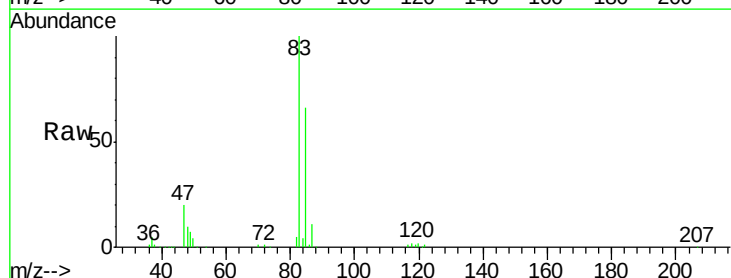
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

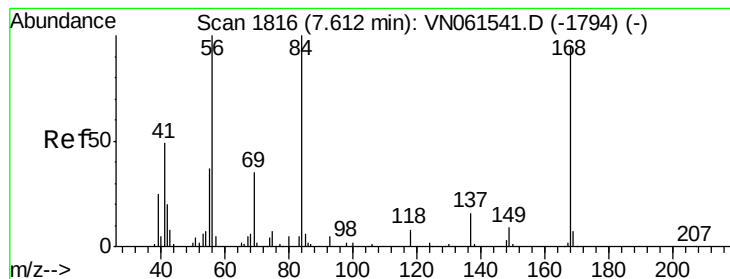
Tot Ion: 42 Resp: 269777
Ion Ratio Lower Upper
42 100
72 59.1 43.6 65.4
71 54.6 41.2 61.8



#30
Chloroform
Concen: 47.637 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 83 Resp: 336622
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5





#31

Cyclohexane

Concen: 41.393 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

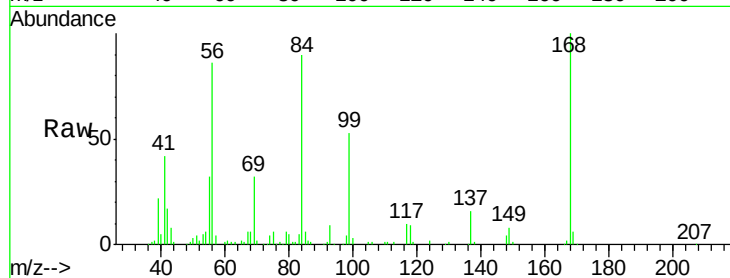
Tot Ion: 56 Resp: 237778

Ion Ratio Lower Upper

56 100

69 36.6 27.8 41.8

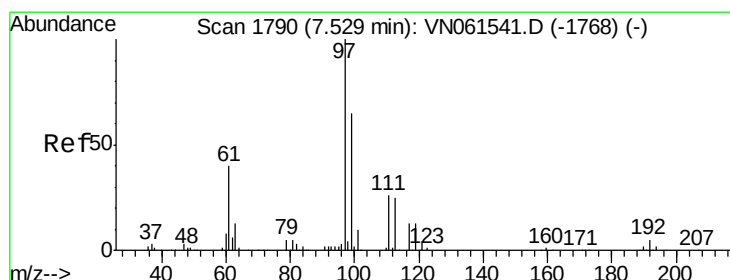
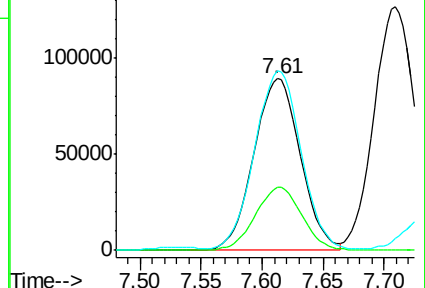
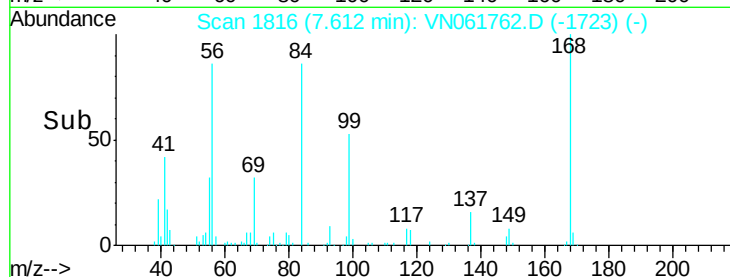
84 102.9 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061762.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061762.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061762.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 46.705 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

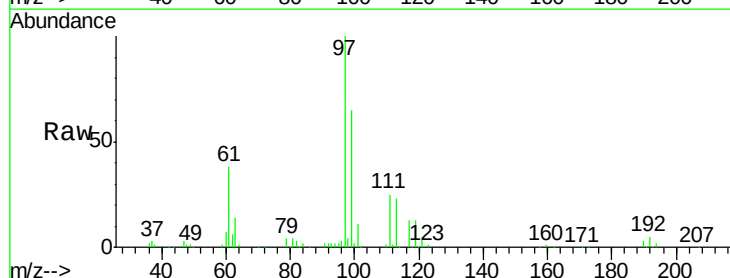
Tgt Ion: 97 Resp: 300728

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

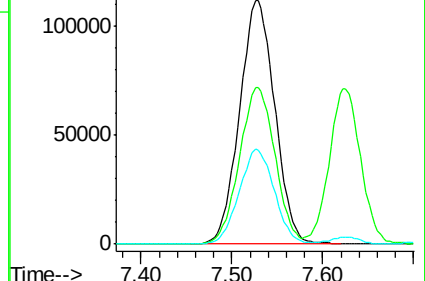
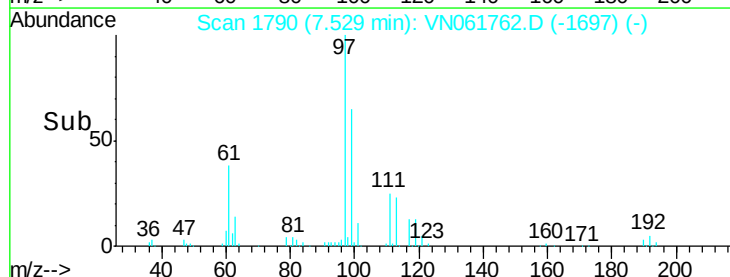
61 39.0 31.4 47.0

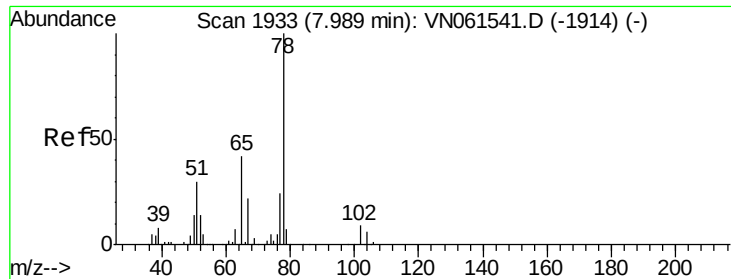


Abundance Ion 96.90 (96.60 to 97.60): VN061762.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061762.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061762.D (-1697) (-)

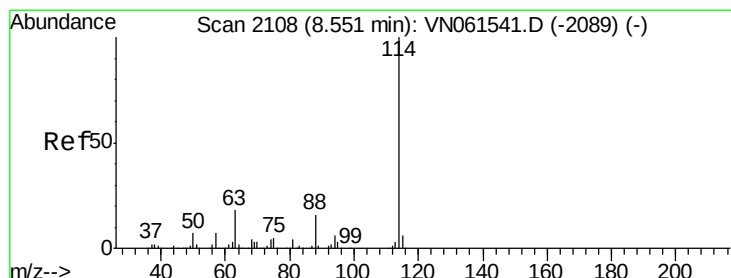
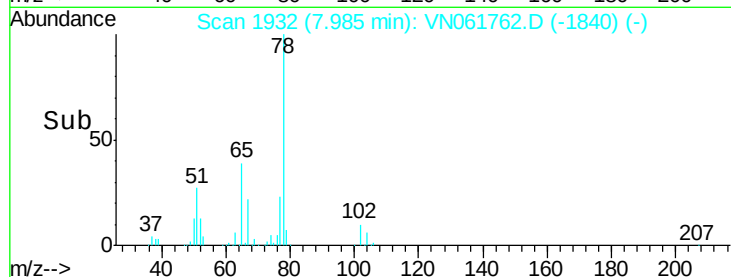
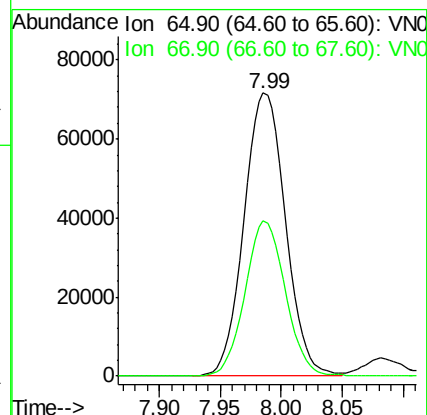
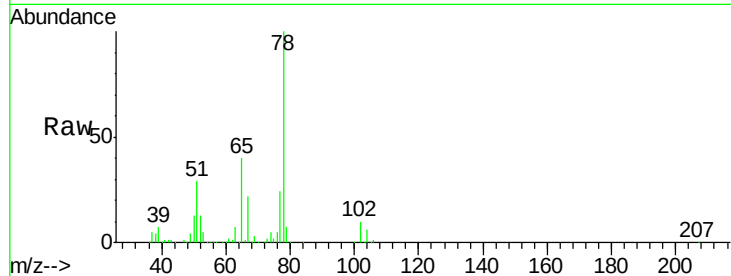




#33
 1,2-Dichloroethane-d4
 Concen: 41.372 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

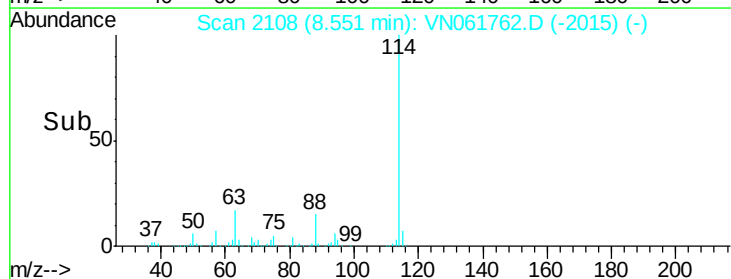
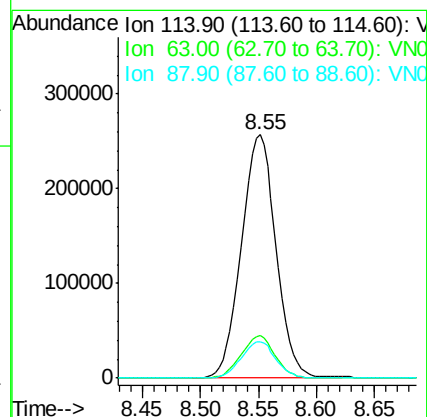
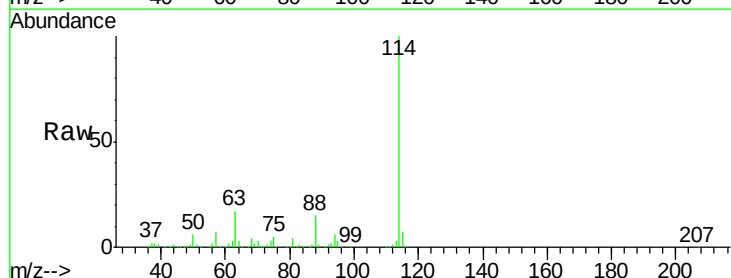
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

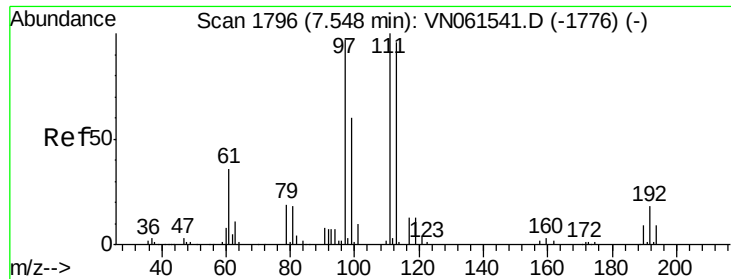
Tot Ion: 65 Resp: 168632
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion: 114 Resp: 532200
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 15.1 0.0 31.0

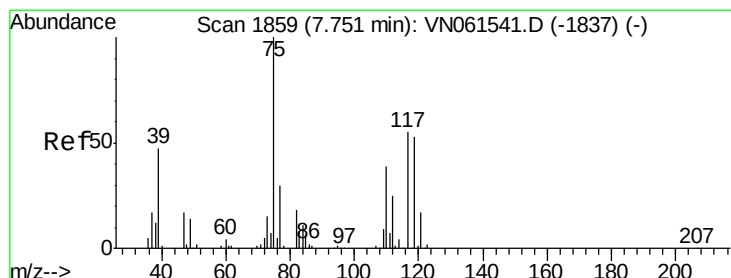
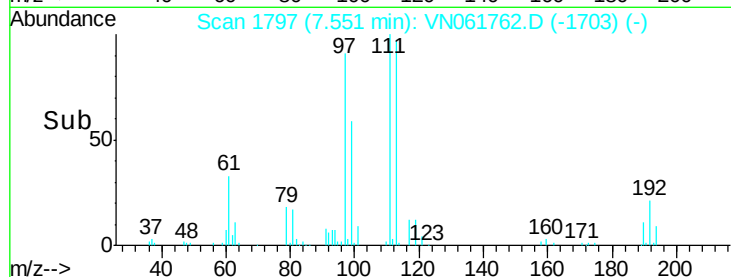
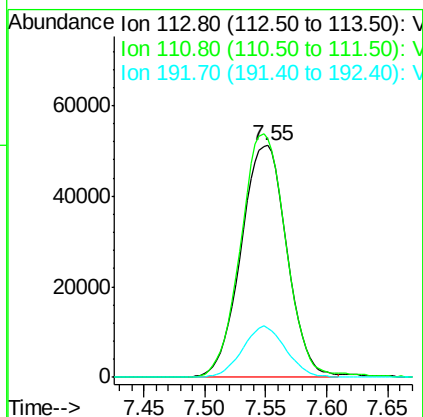
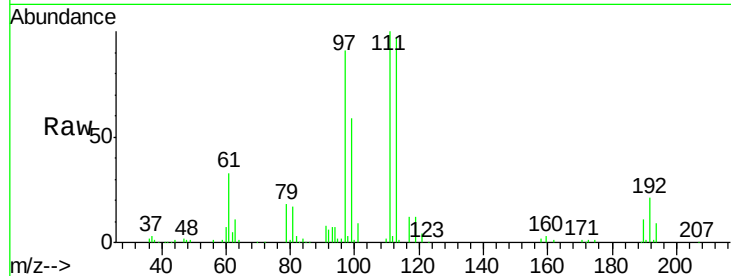




#35
 Dibromofluoromethane
 Concen: 49.416 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

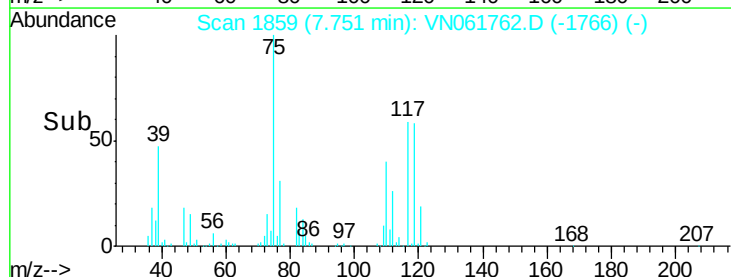
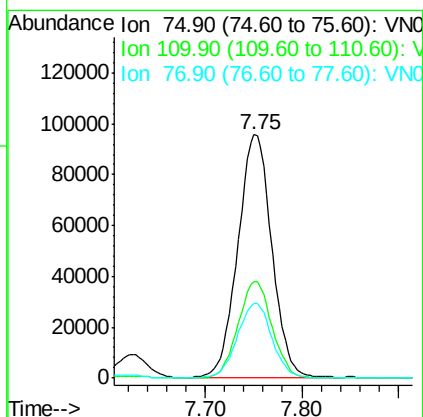
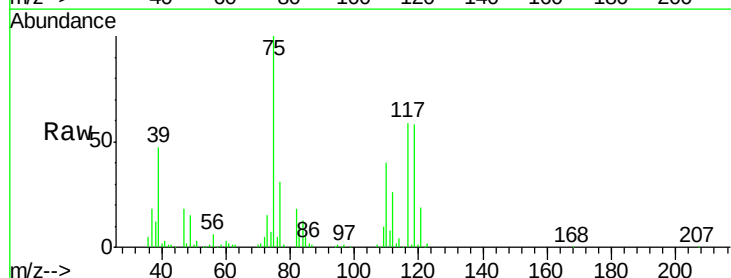
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

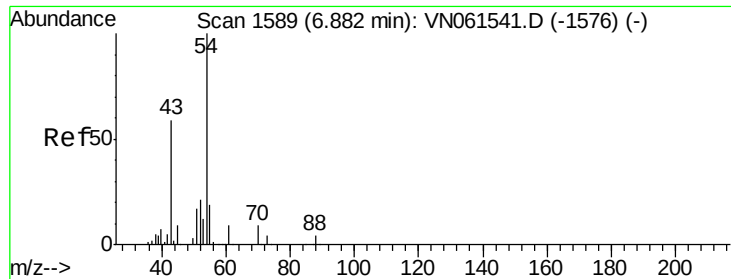
Tot Ion:113 Resp: 133411
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.0
 192 21.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 49.301 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion: 75 Resp: 232277
 Ion Ratio Lower Upper
 75 100
 110 39.9 19.5 58.5
 77 31.7 24.7 37.1

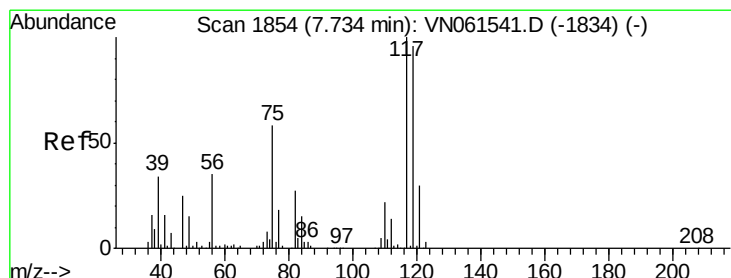
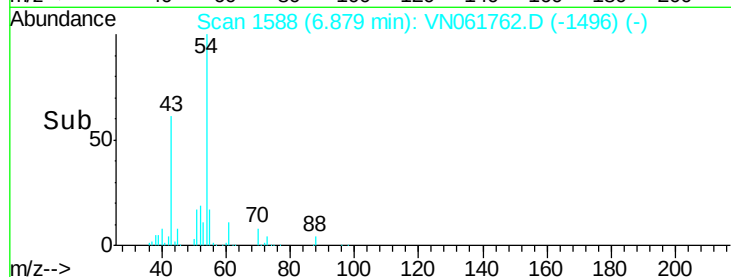
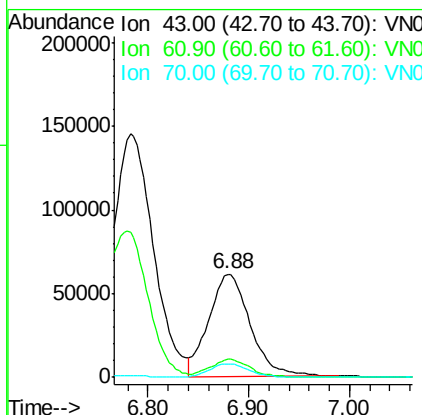
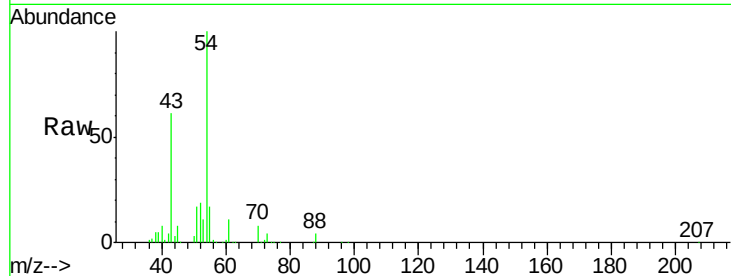




#37
Ethyl Acetate
Concen: 45.991 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

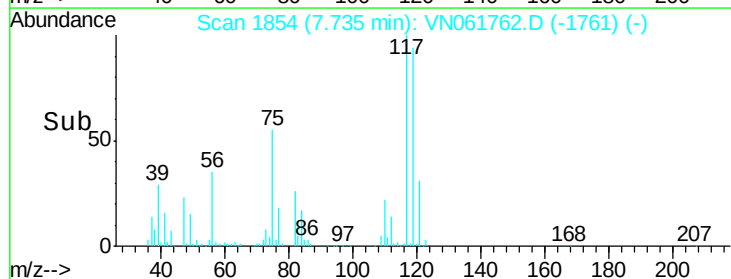
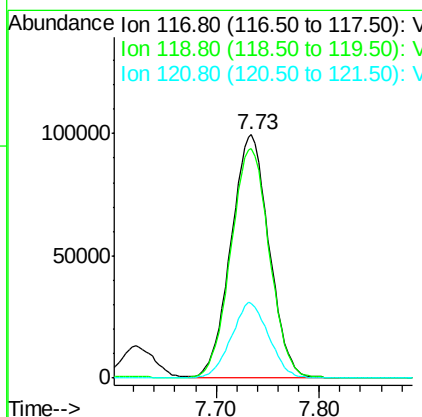
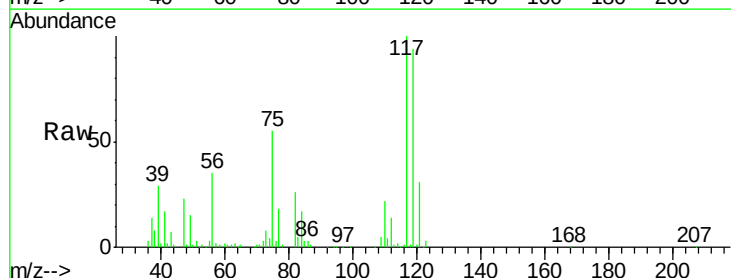
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

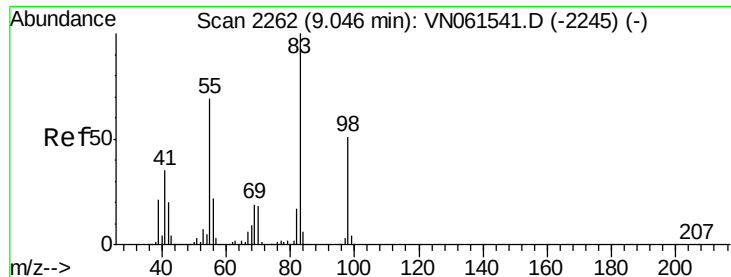
Tot Ion: 43 Resp: 174519
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 12.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 56.034 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 117 Resp: 254645
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7
121 30.9 24.1 36.1

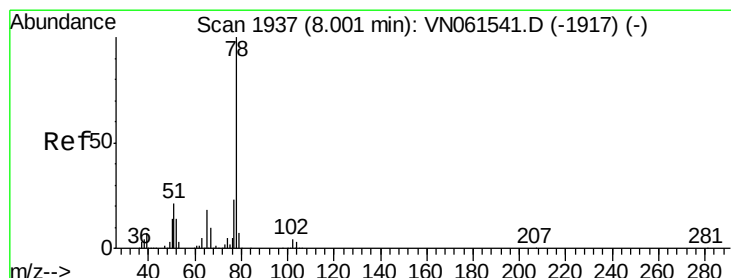
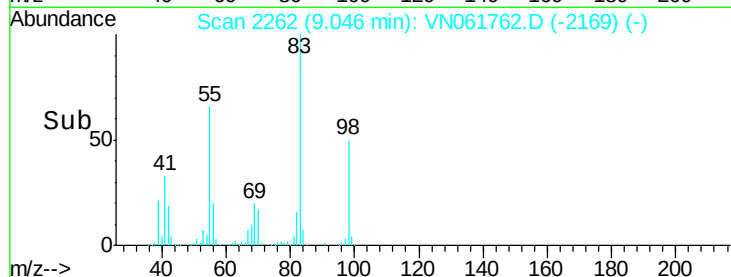
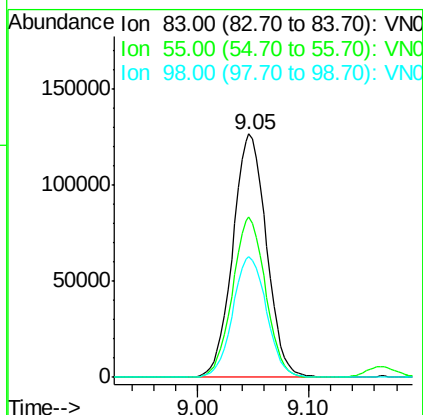
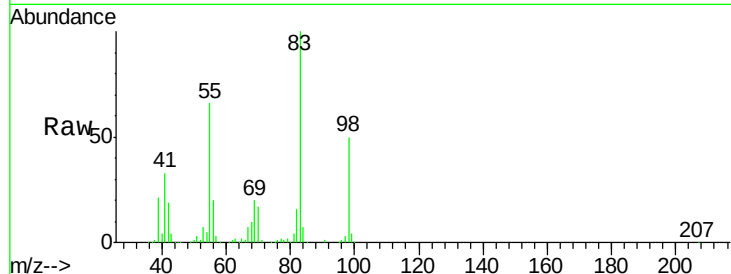




#39
Methylvlcyclohexane
Concen: 45.958 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

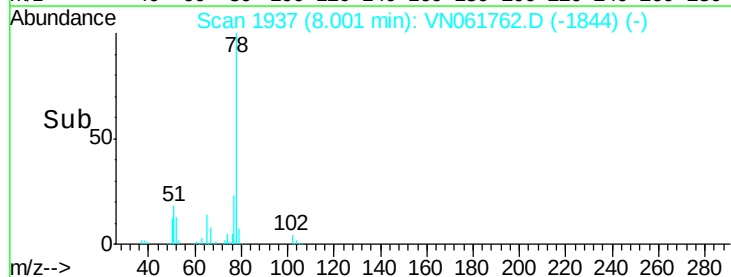
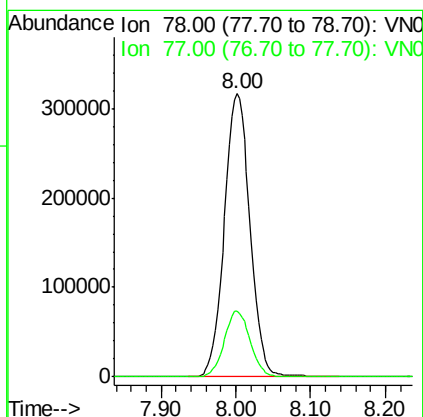
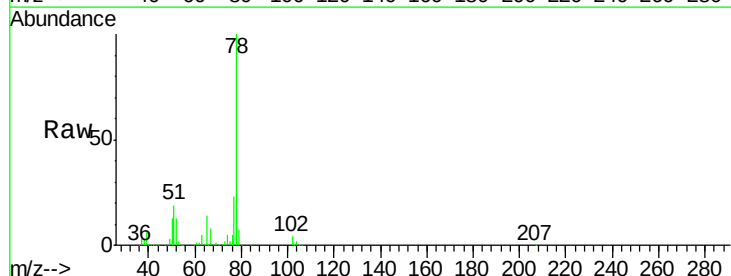
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ClientSampleId :
RE108D2-20200608MSD

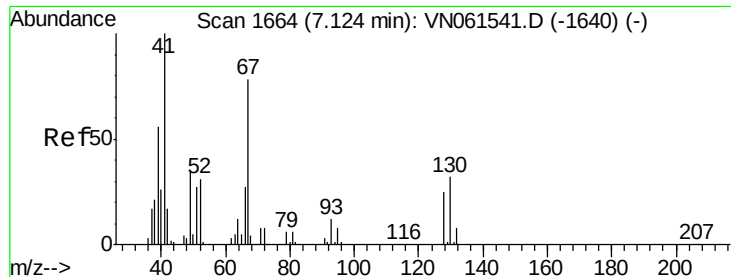
Tot Ion: 83 Resp: 266882
Ion Ratio Lower Upper
83 100
55 65.7 54.9 82.3
98 49.5 41.0 61.4



#40
Benzene
Concen: 51.658 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 78 Resp: 750943
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

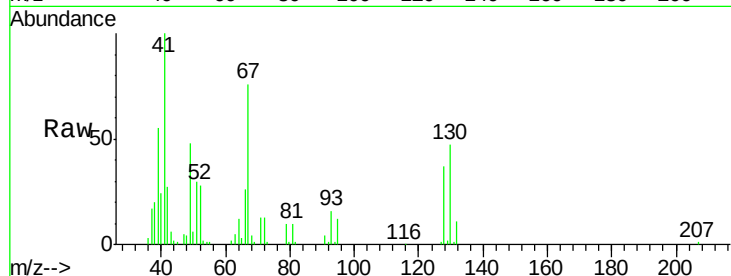




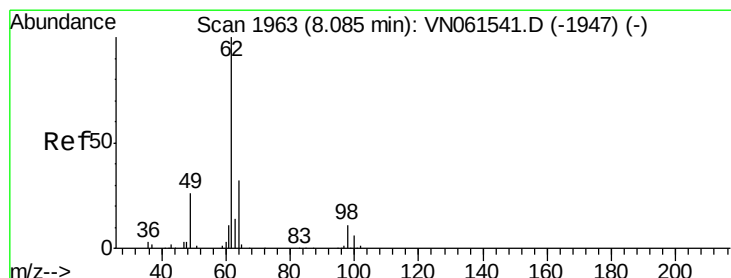
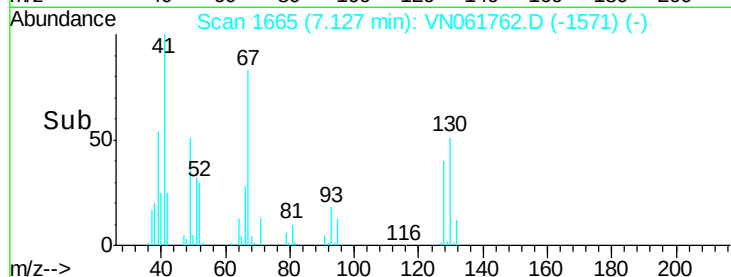
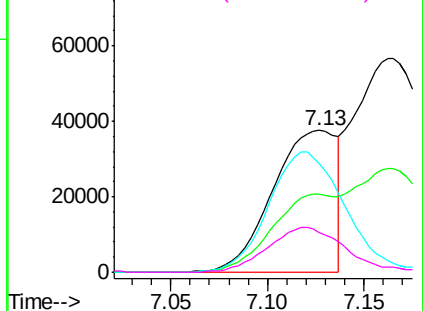
#41
Methacrylonitrile
Concen: 49.878 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

Tot Ion: 41 Resp: 86717
Ion Ratio Lower Upper
41 100
39 50.7 53.8 80.6#
67 101.2 91.1 136.7
52 38.8 36.0 54.0

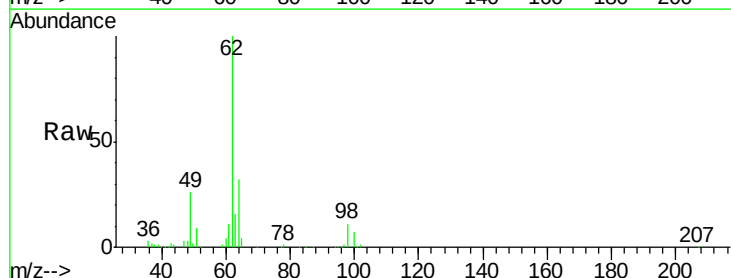


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

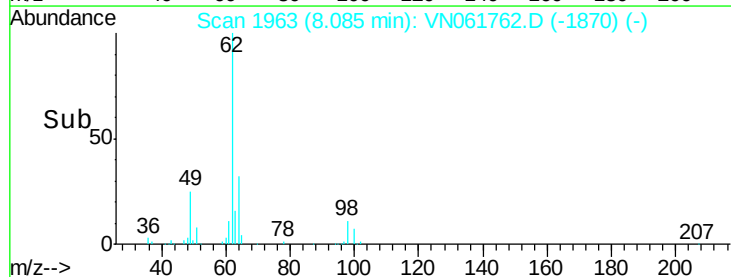
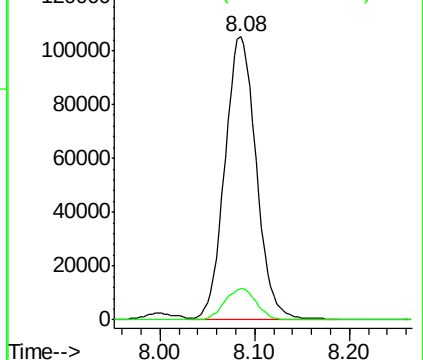


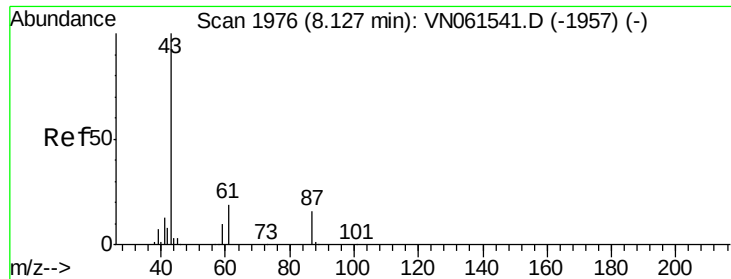
#42
1,2-Dichloroethane
Concen: 49.644 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 62 Resp: 241603
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 44.507 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

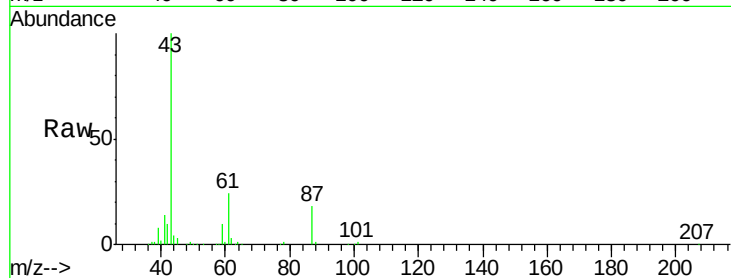
Tot Ion: 43 Resp: 303848

Ion Ratio Lower Upper

43 100

61 31.9 23.6 35.4

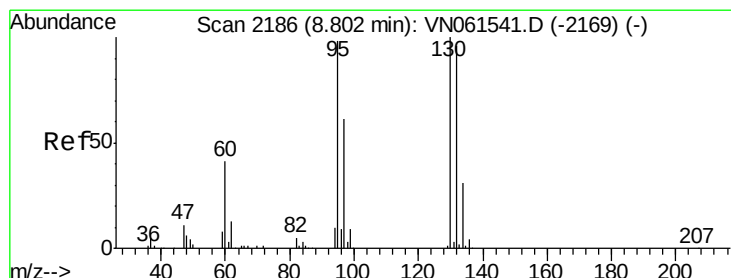
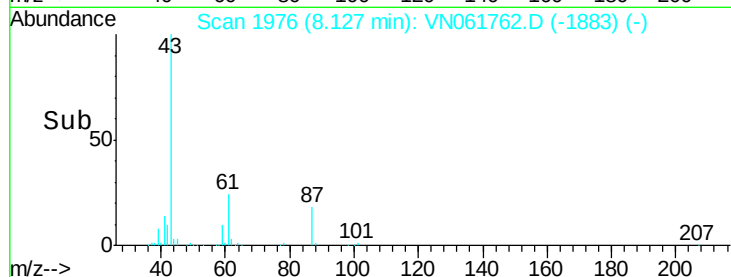
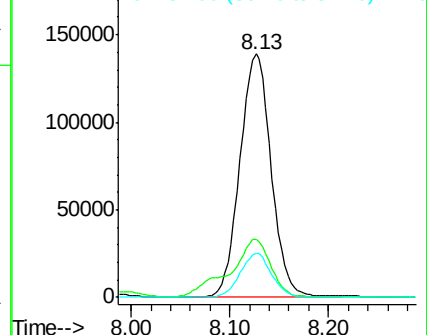
87 18.1 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 153.081 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061762.D

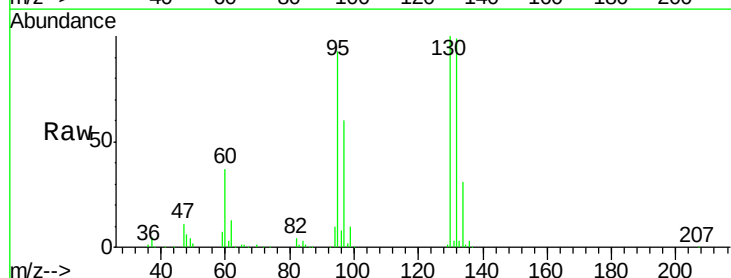
Acq: 11 Jun 2020 21:08

Tgt Ion:130 Resp: 683883

Ion Ratio Lower Upper

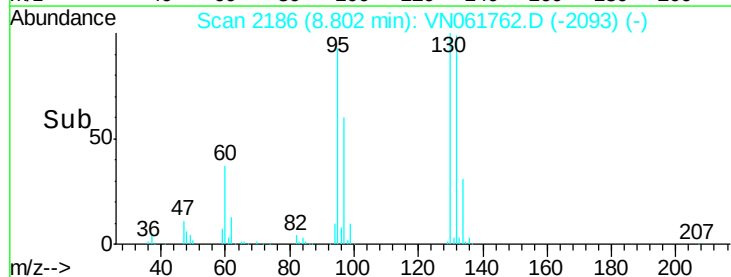
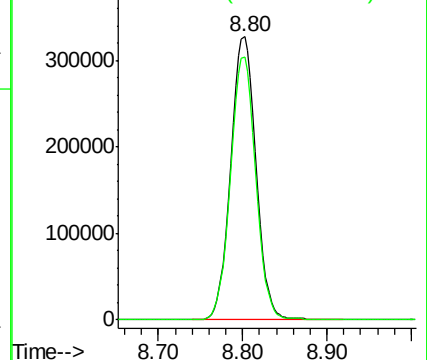
130 100

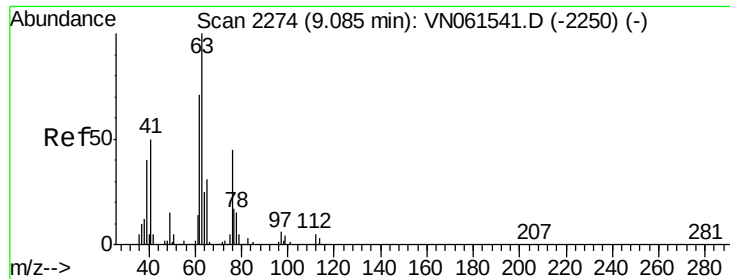
95 93.0 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

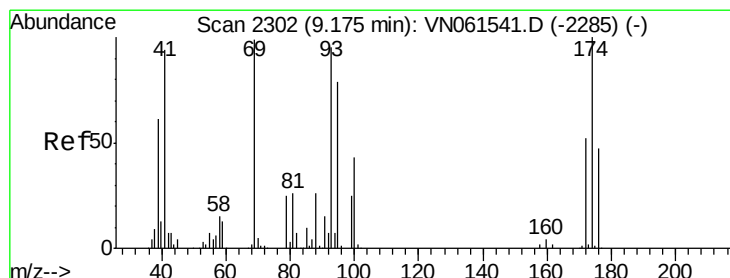
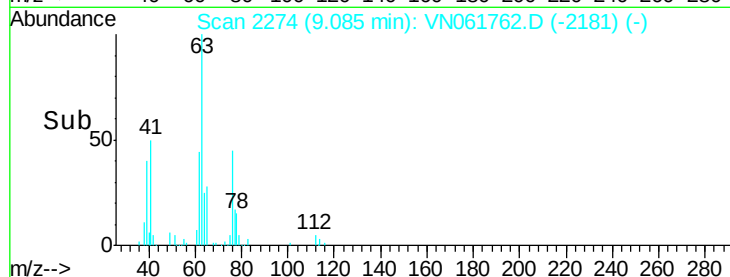
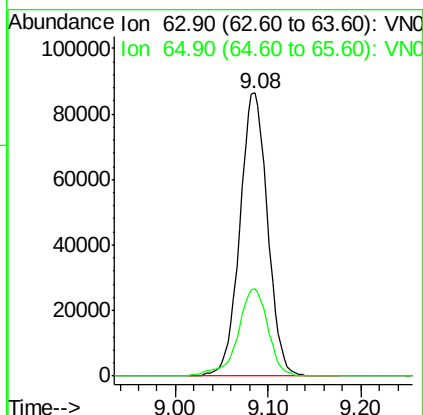
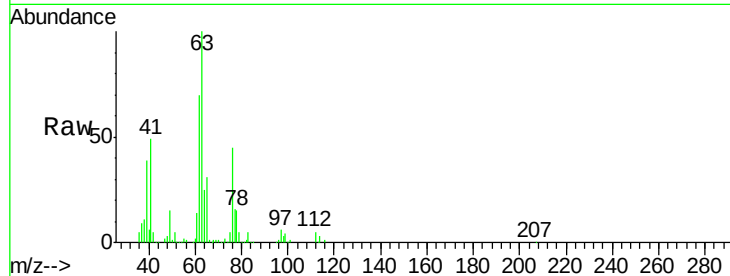




#45
 1,2-Dichloropropane
 Concen: 51.890 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

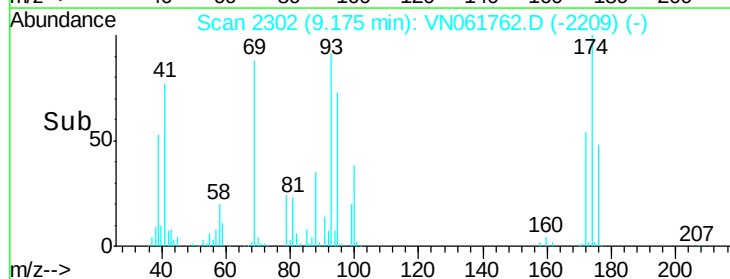
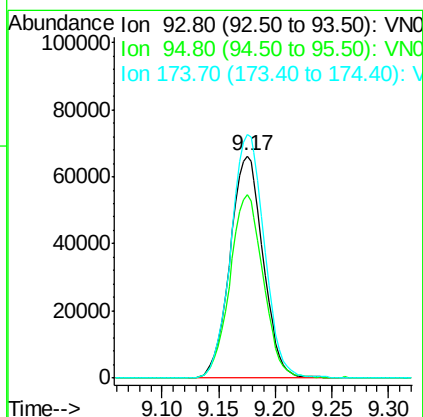
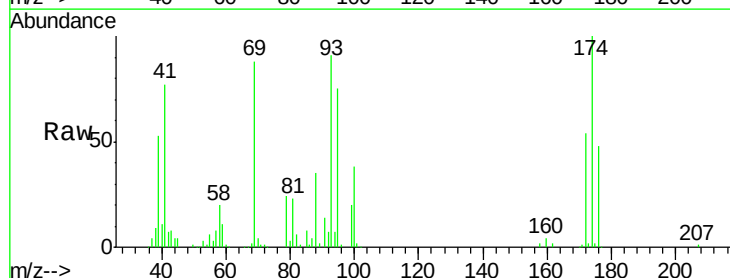
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

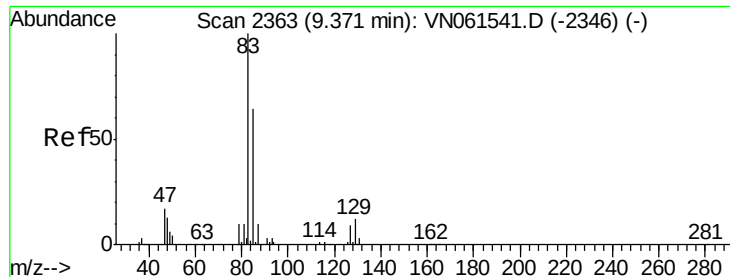
Tot Ion: 63 Resp: 179113
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 51.093 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion: 93 Resp: 135260
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 110.2 82.5 123.7





#47

Bromodichloromethane

Concen: 52.838 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

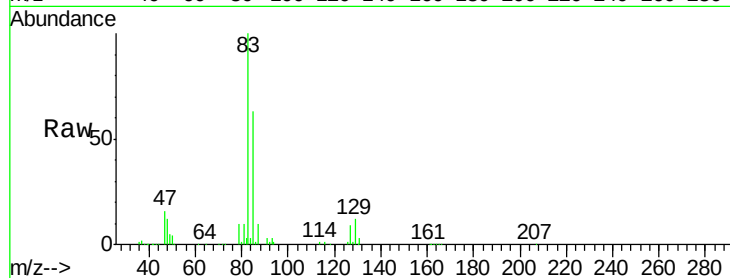
Tot Ion: 83 Resp: 277133

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

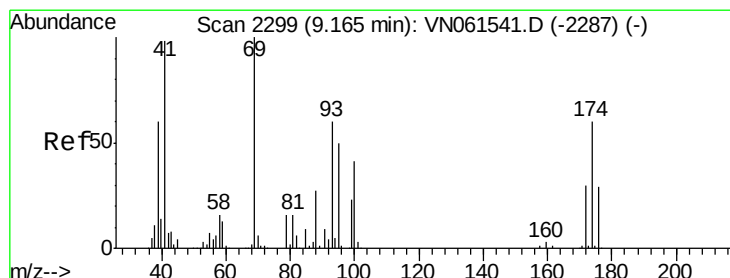
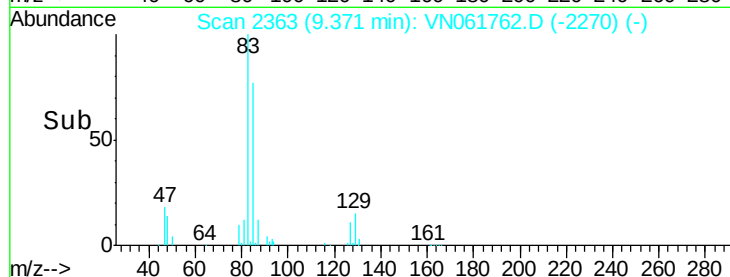
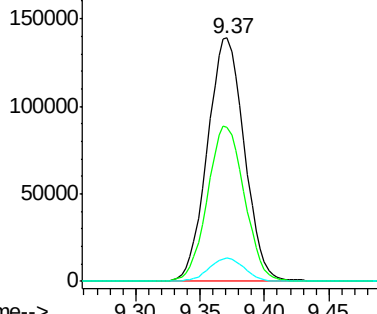
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061762.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061762.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061762.D (-2270) (-)



#48

Methyl methacrylate

Concen: 43.578 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

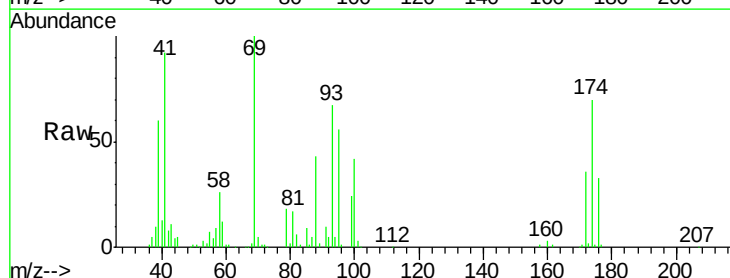
Tgt Ion: 41 Resp: 133854

Ion Ratio Lower Upper

41 100

69 112.6 83.9 125.9

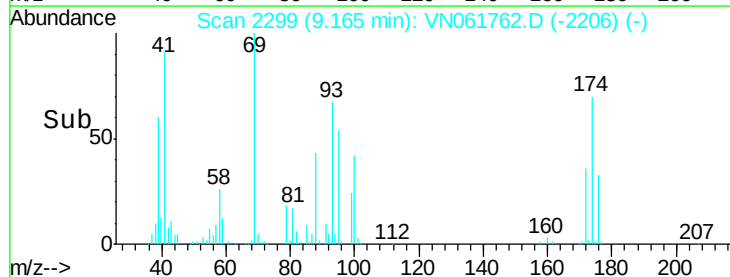
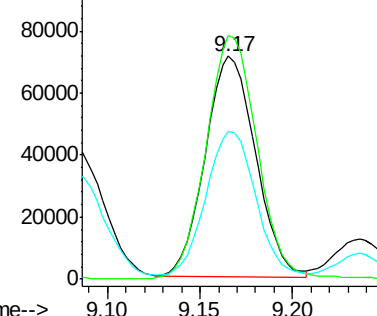
39 67.4 52.1 78.1

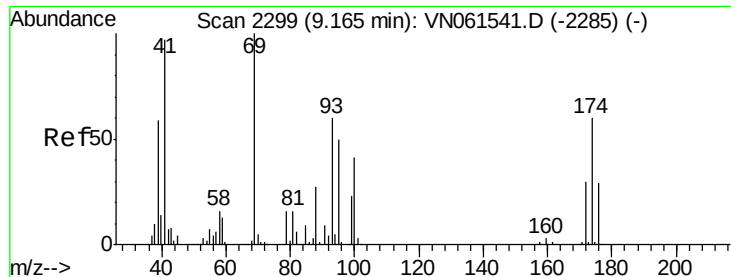


Abundance Ion 41.00 (40.70 to 41.70): VN061762.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061762.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061762.D (-2206) (-)

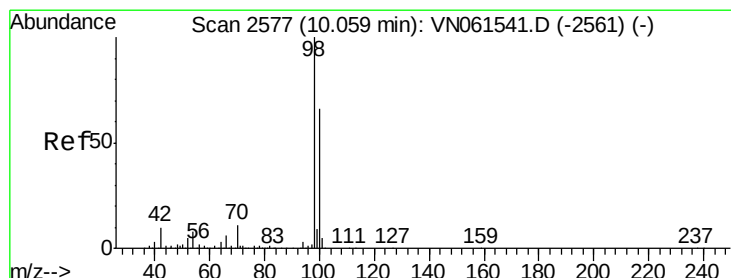
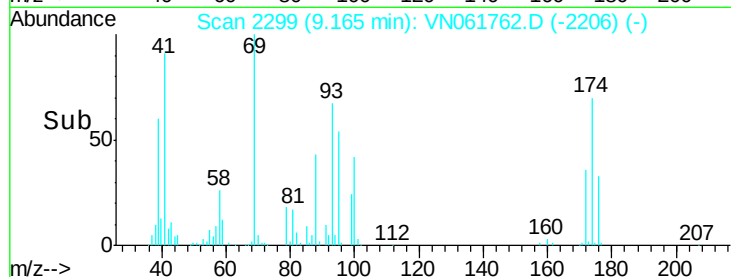
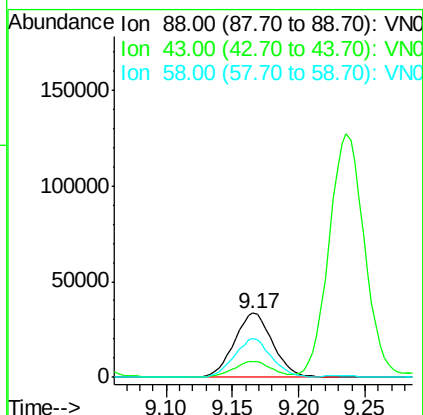
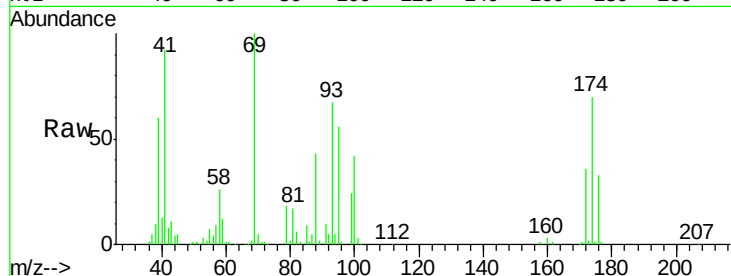




#49
 1,4-Dioxane
 Concen: 1422.485 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

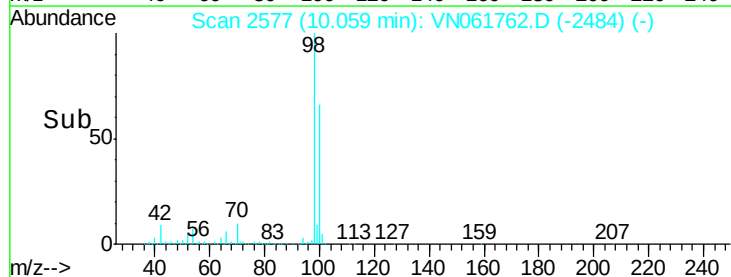
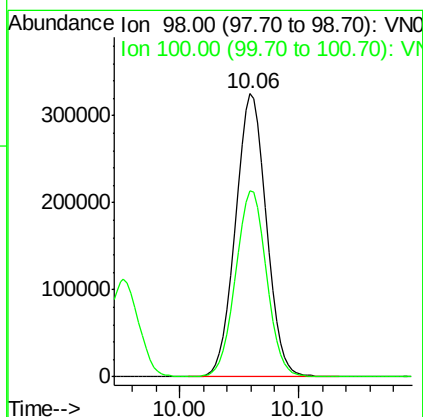
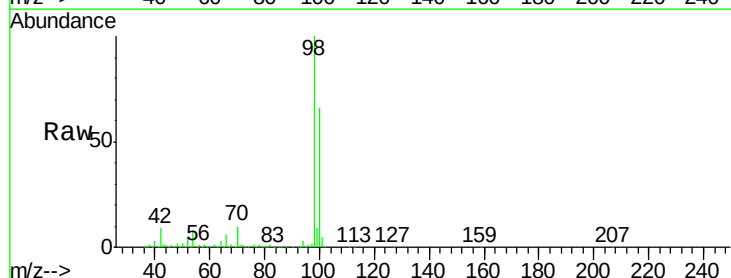
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

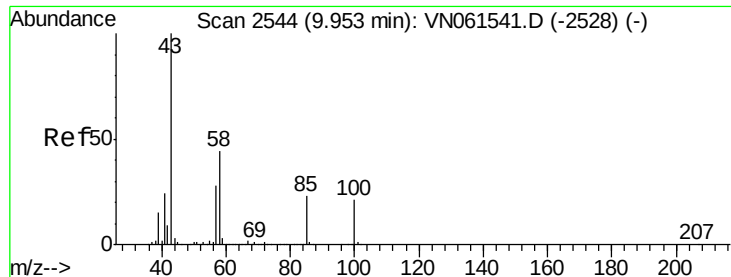
Tot Ion: 88 Resp: 67688
 Ion Ratio Lower Upper
 88 100
 43 23.7 23.1 34.7
 58 58.6 48.3 72.5



#50
 Toluene-d8
 Concen: 46.816 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion: 98 Resp: 585711
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 232.818 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

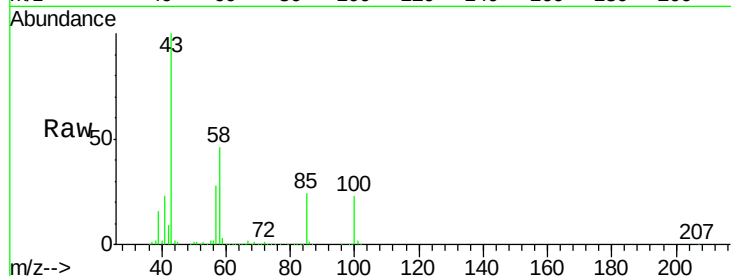
RE108D2-20200608MSD

Tot Ion: 43 Resp: 895701

Ion Ratio Lower Upper

43 100

58 46.0 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

500000

400000

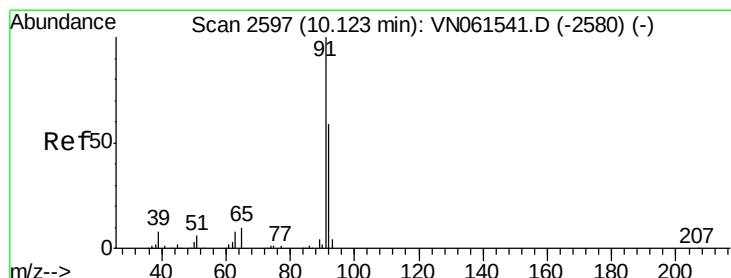
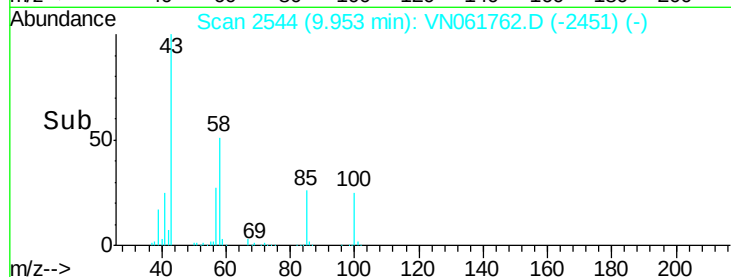
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.687 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061762.D

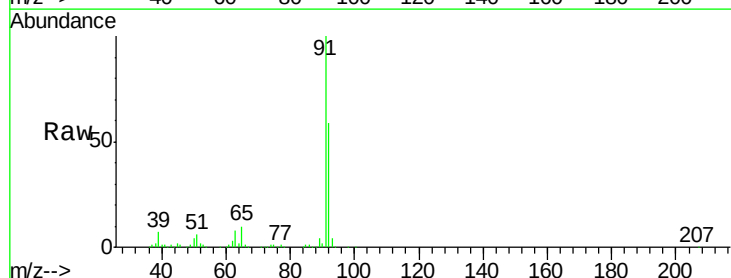
Acq: 11 Jun 2020 21:08

Tgt Ion: 92 Resp: 490402

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

500000

400000

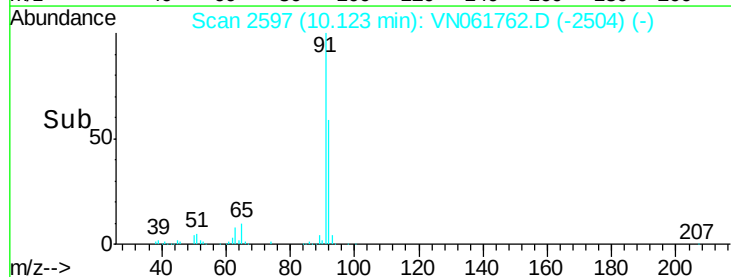
300000

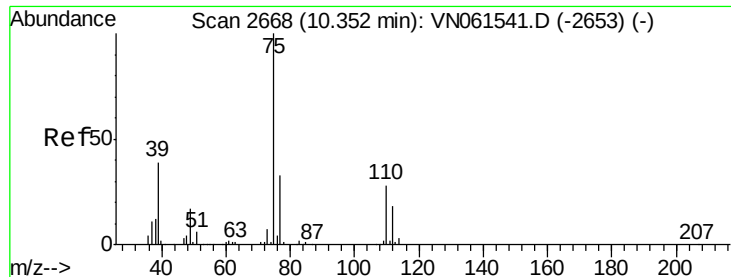
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.432 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

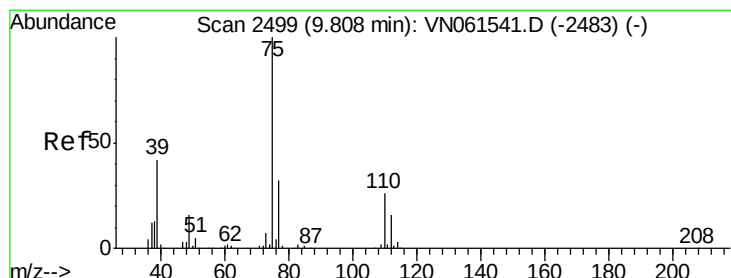
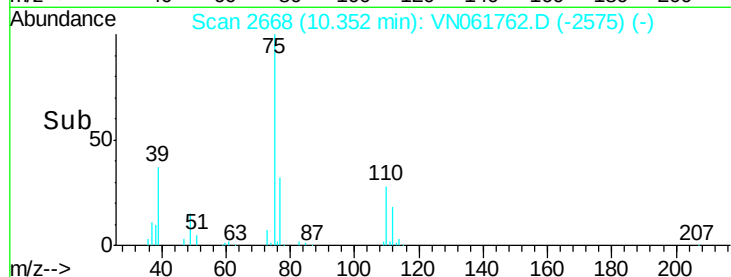
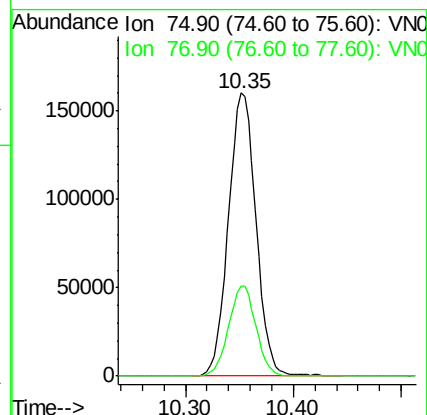
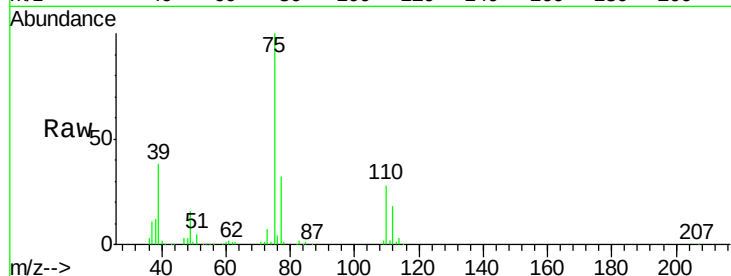
RE108D2-20200608MSD

Tot Ion: 75 Resp: 284953

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.333 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

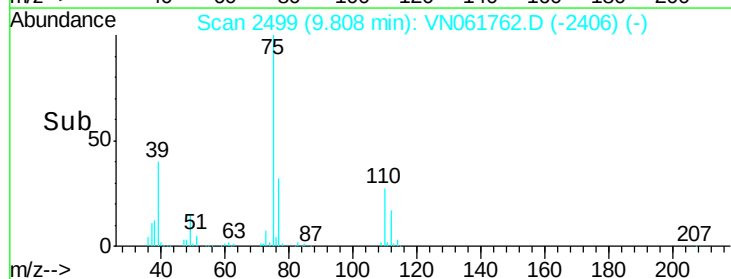
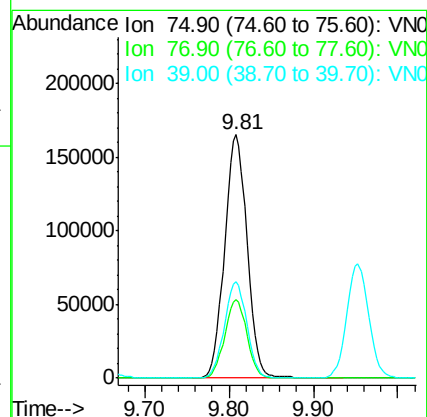
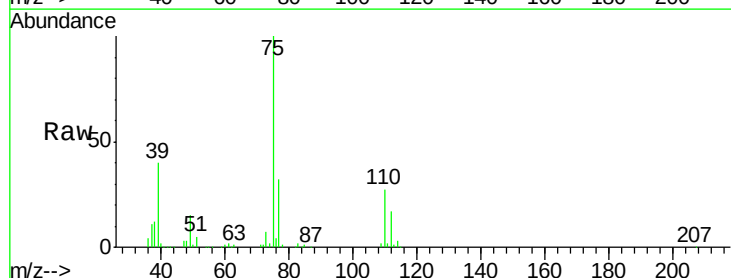
Tgt Ion: 75 Resp: 305790

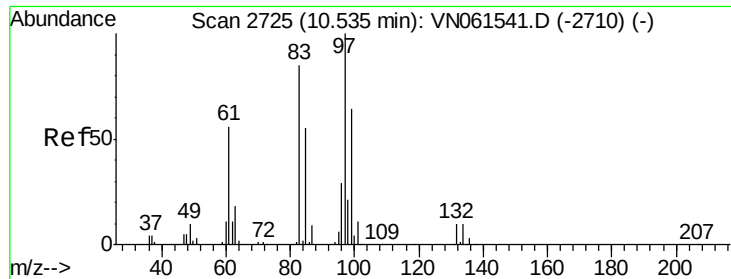
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

39 39.7 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 52.824 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

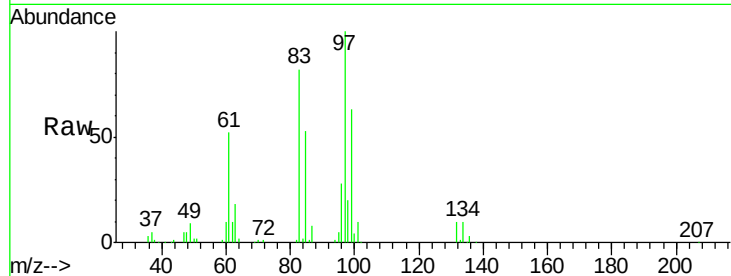
MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

Tot Ion: 97 Resp: 199676

Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.1	102.1
85	53.0	44.1	66.1
99	63.5	51.1	76.7

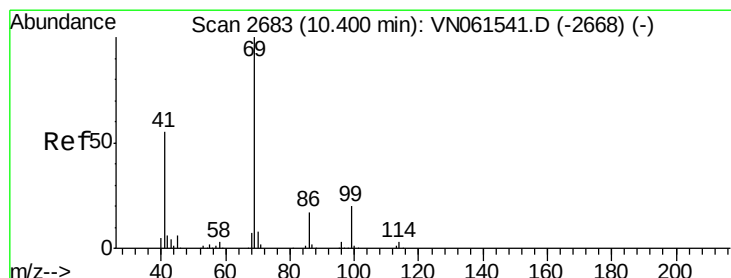
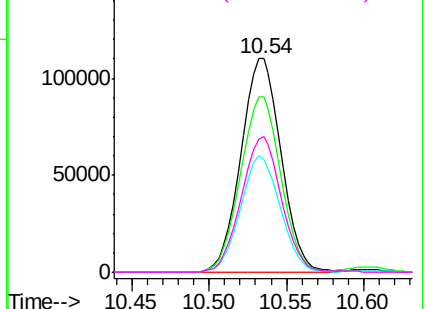
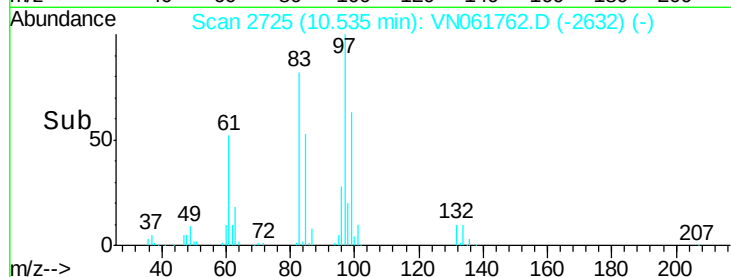


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.767 ug/l

RT: 10.40 min Scan# 2683

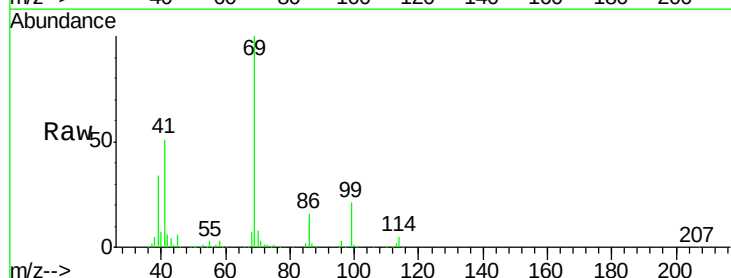
Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Tgt Ion: 69 Resp: 262788

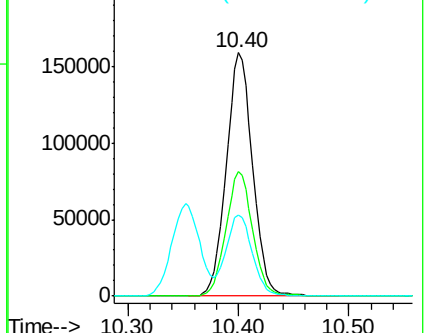
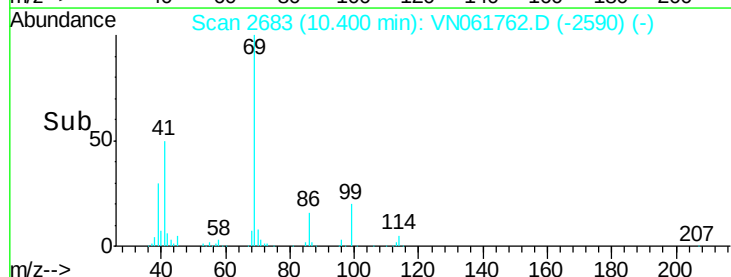
Ion	Ratio	Lower	Upper
69	100		
41	51.0	43.5	65.3
39	33.4	27.0	40.6

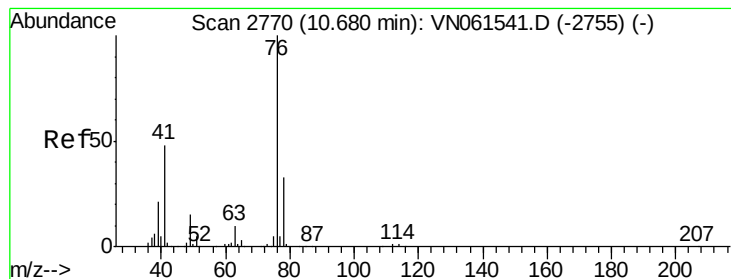


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.646 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

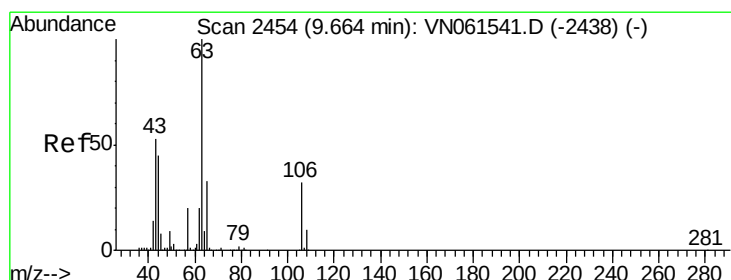
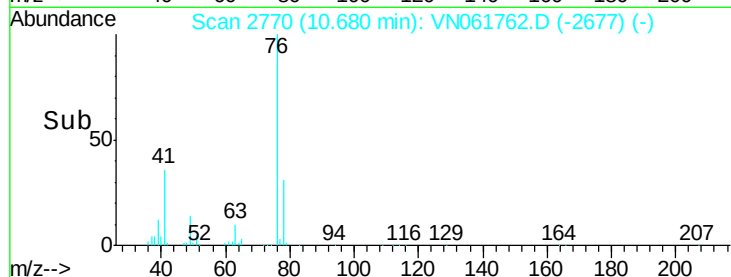
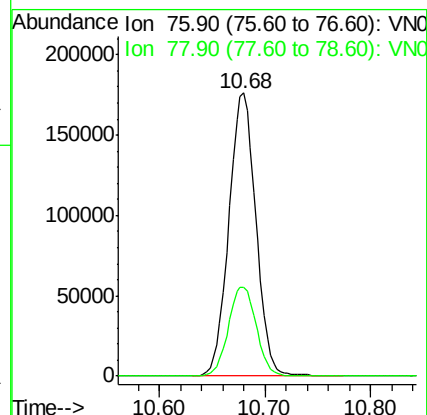
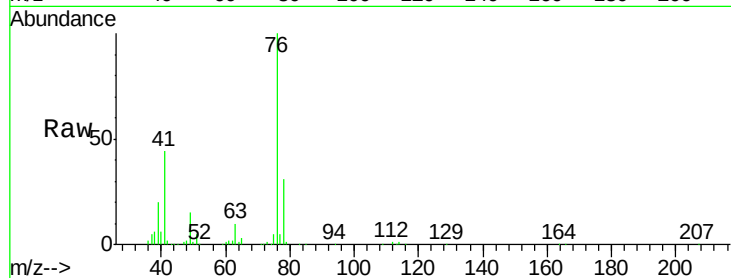
RE108D2-20200608MSD

Tot Ion: 76 Resp: 312234

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 108.464 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061762.D

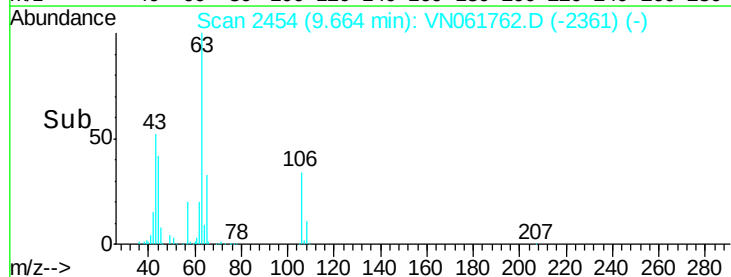
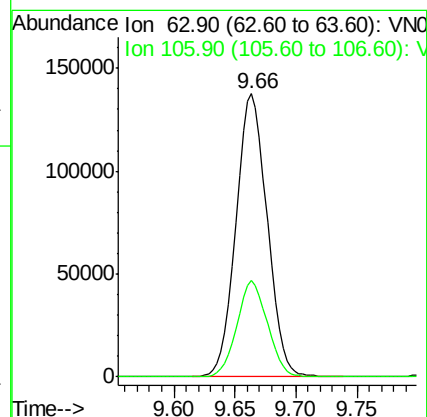
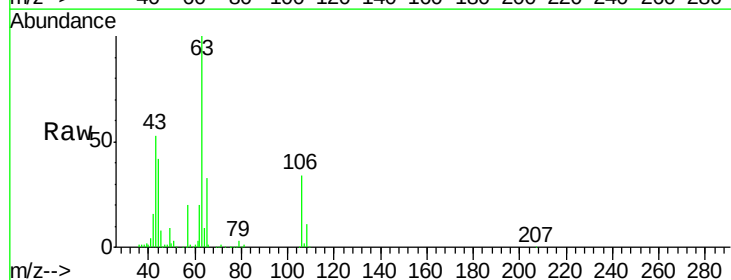
Acq: 11 Jun 2020 21:08

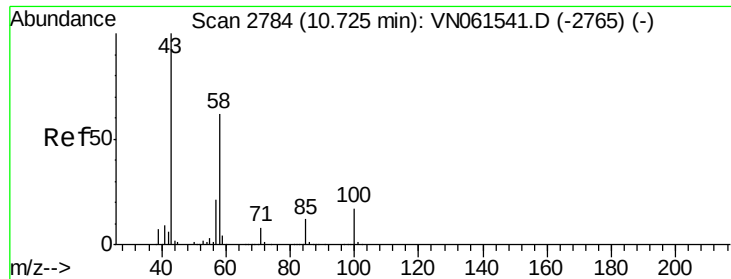
Tgt Ion: 63 Resp: 244753

Ion Ratio Lower Upper

63 100

106 33.2 25.9 38.9

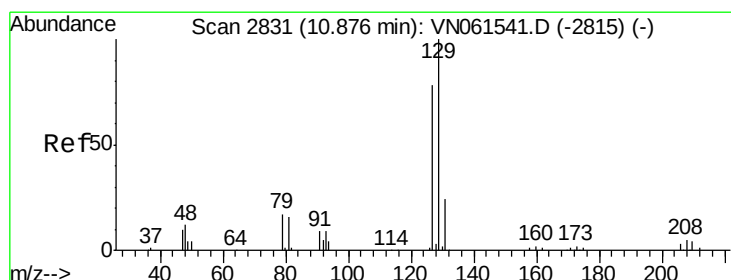
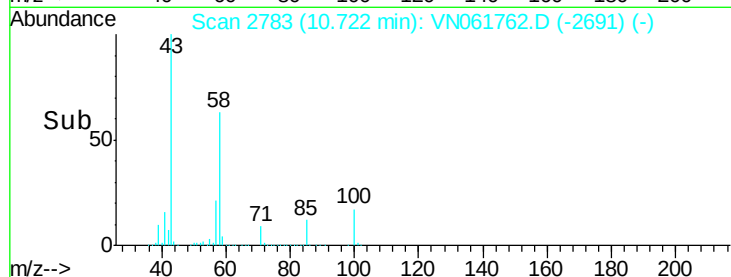
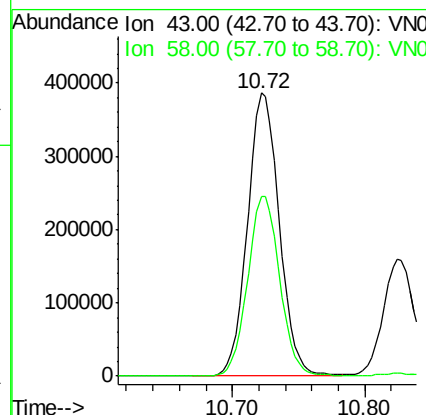
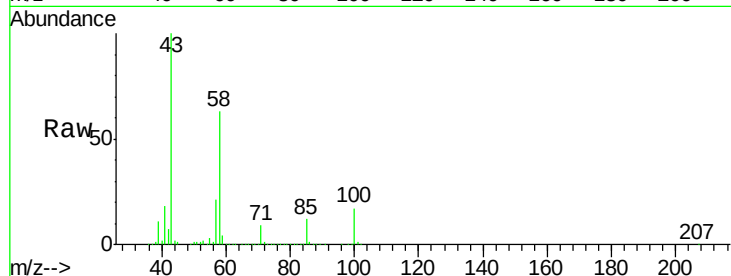




#59
2-Hexanone
Concen: 232.833 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

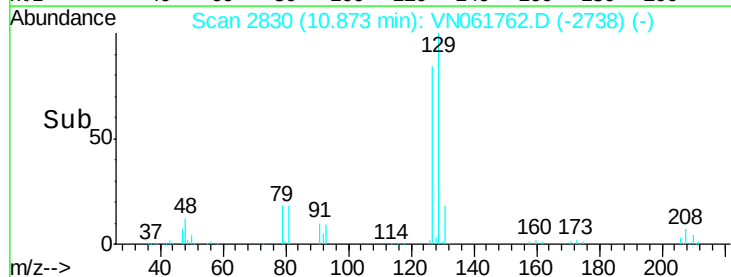
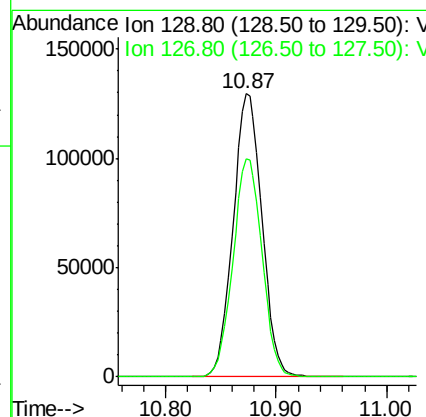
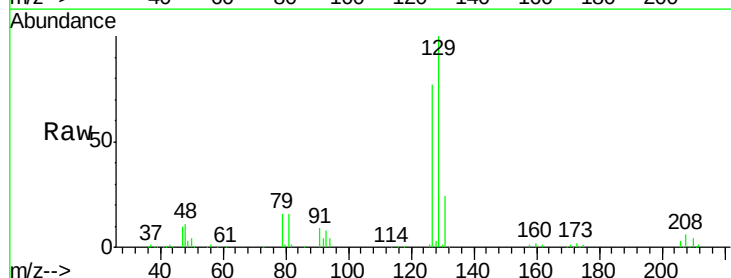
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

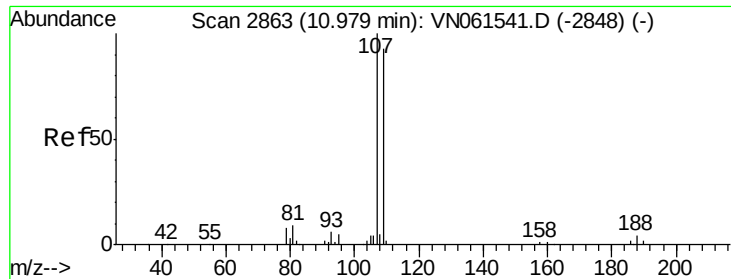
Tot Ion: 43 Resp: 643311
Ion Ratio Lower Upper
43 100
58 64.2 30.7 92.1



#60
Dibromochloromethane
Concen: 54.790 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 129 Resp: 235451
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.964 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

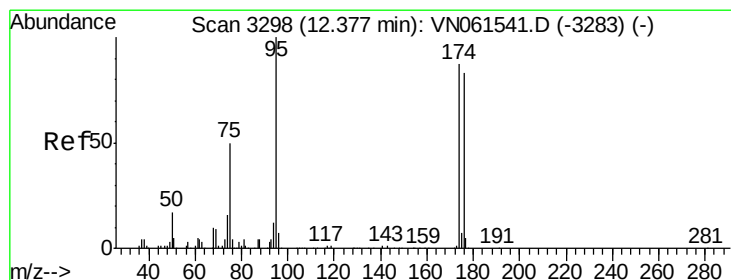
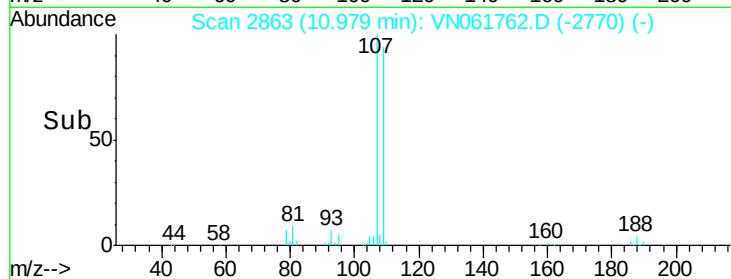
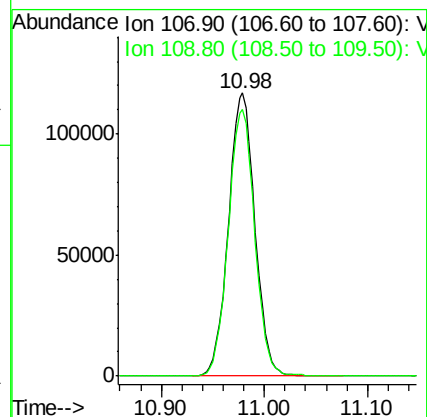
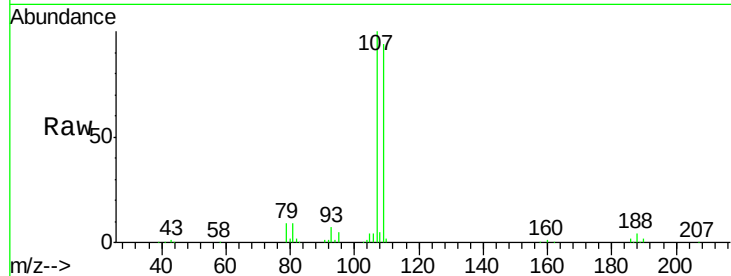
RE108D2-20200608MSD

Tot Ion: 107 Resp: 208806

Ion Ratio Lower Upper

107 100

109 94.7 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 46.470 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

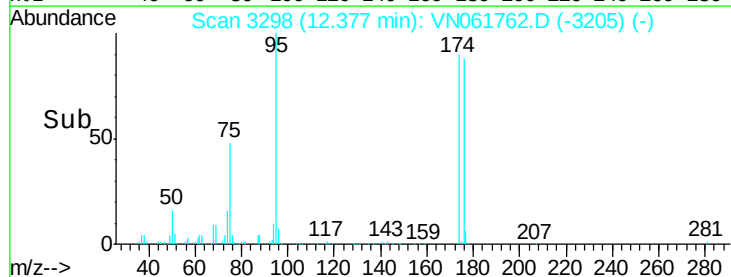
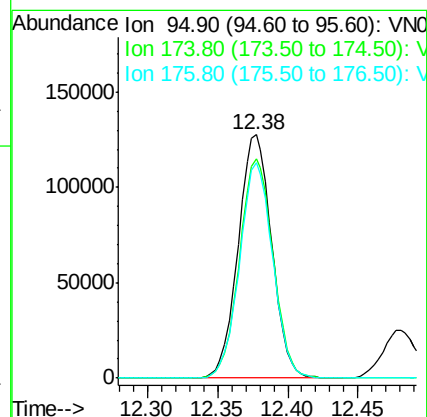
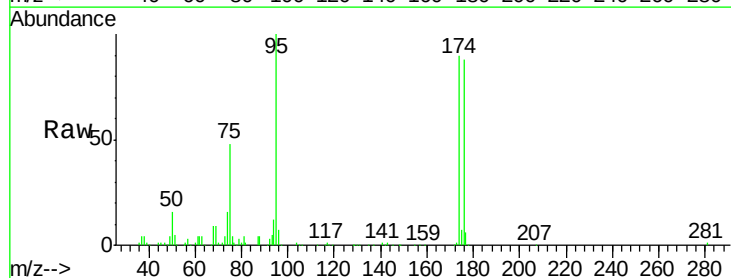
Tgt Ion: 95 Resp: 212110

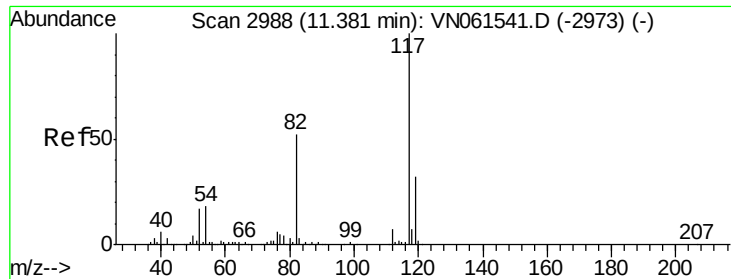
Ion Ratio Lower Upper

95 100

174 90.5 0.0 172.8

176 87.8 0.0 164.8

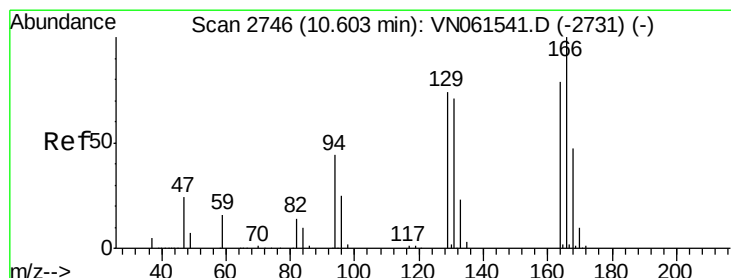
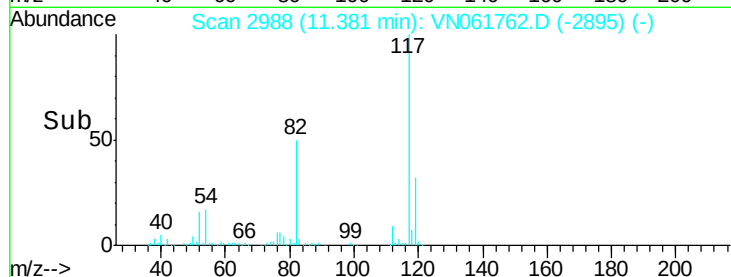
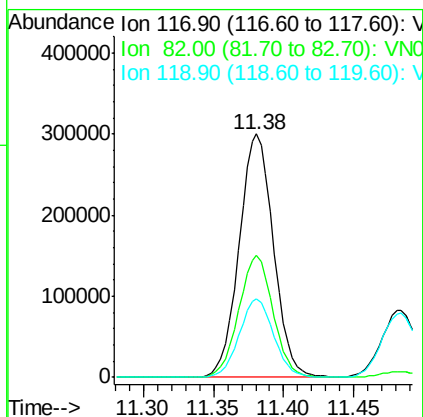
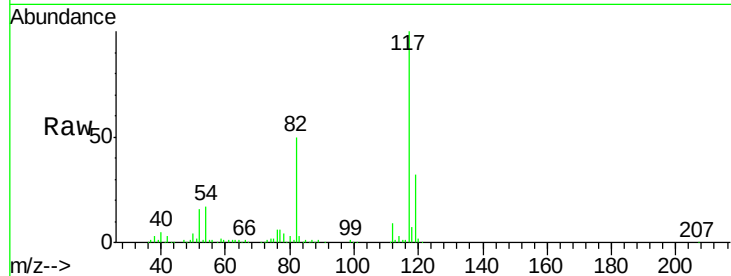




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

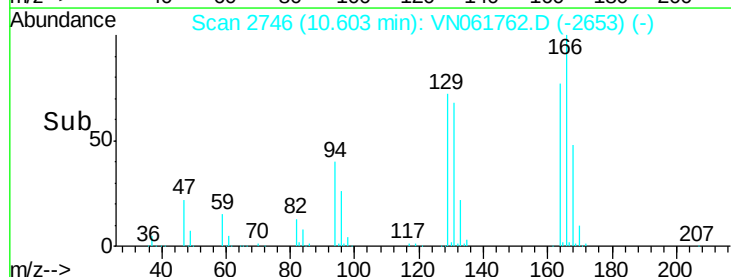
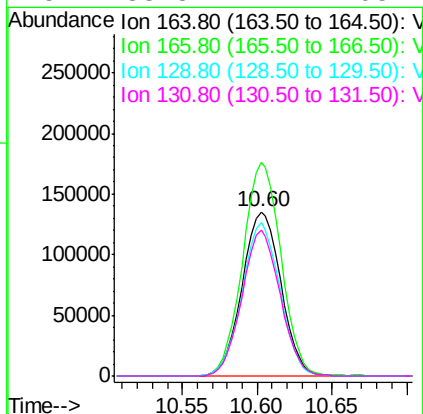
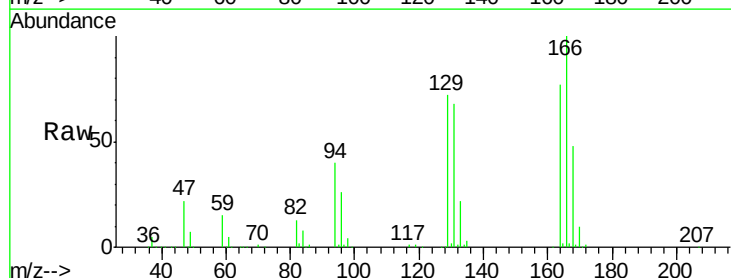
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

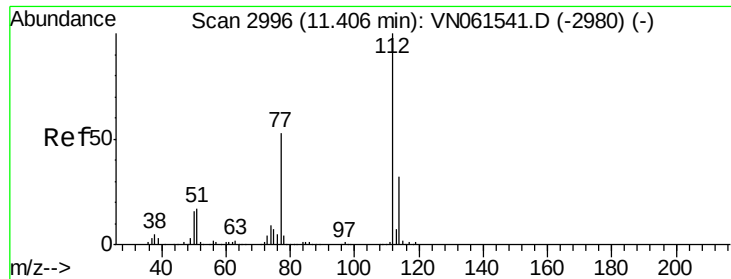
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.5	62.3
119	32.3	25.6	38.4



#64
Tetrachloroethene
Concen: 50.796 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.5	152.3
129	93.5	74.9	112.3
131	88.8	72.2	108.2





#65

Chlorobenzene

Concen: 51.850 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

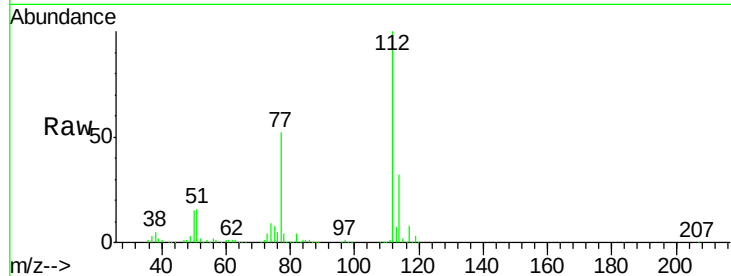
RE108D2-20200608MSD

Tot Ion:112 Resp: 551641

Ion Ratio Lower Upper

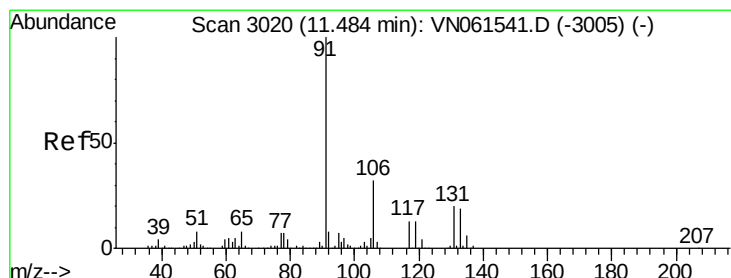
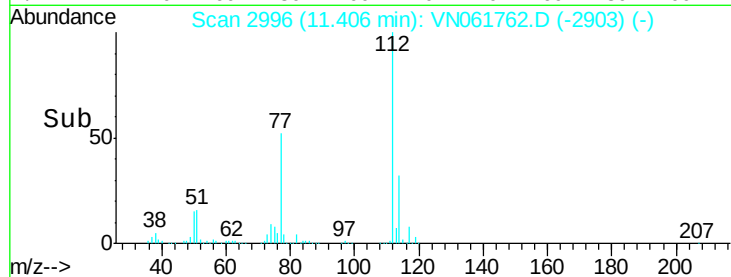
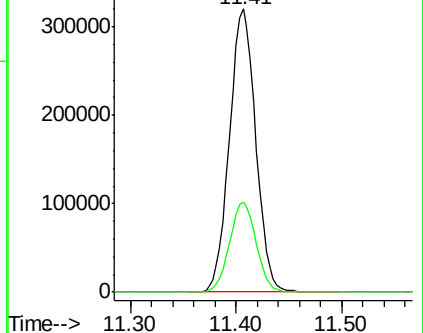
112 100

114 31.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.468 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

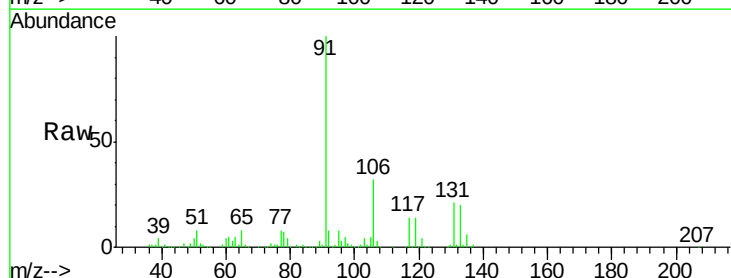
Tgt Ion:131 Resp: 215774

Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

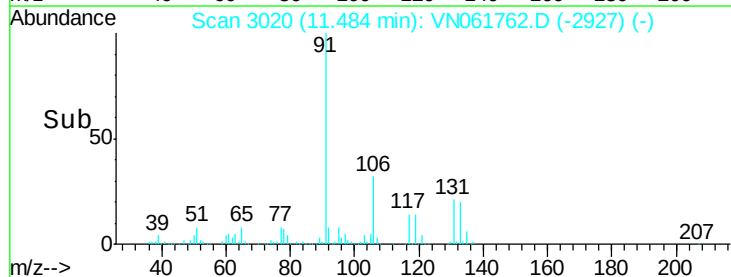
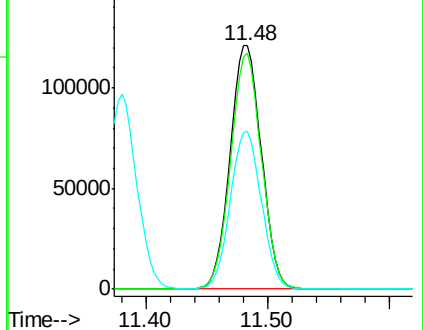
119 64.8 32.6 97.8

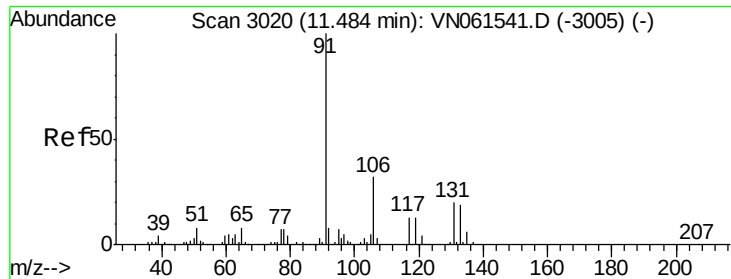


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

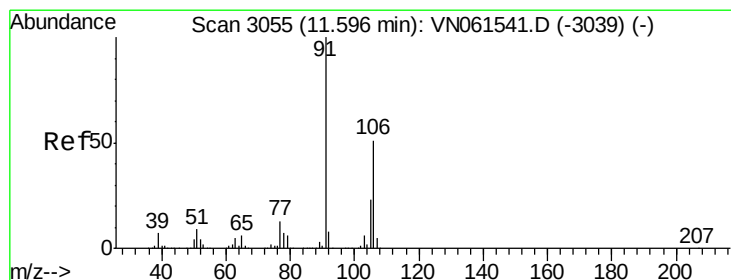
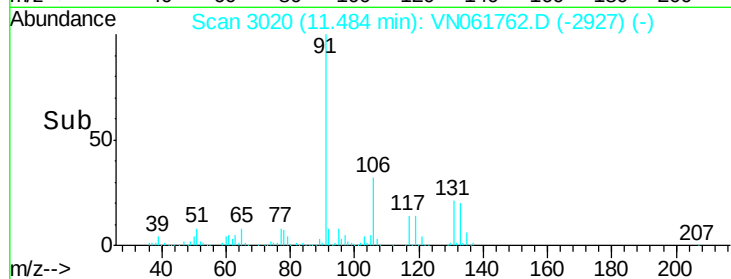
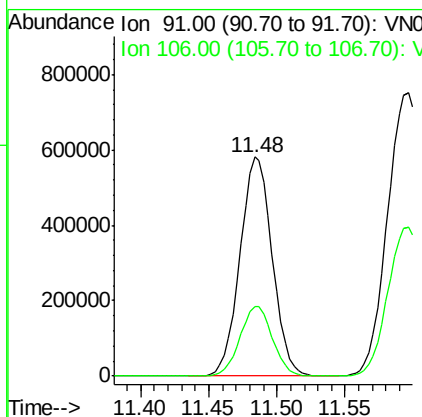
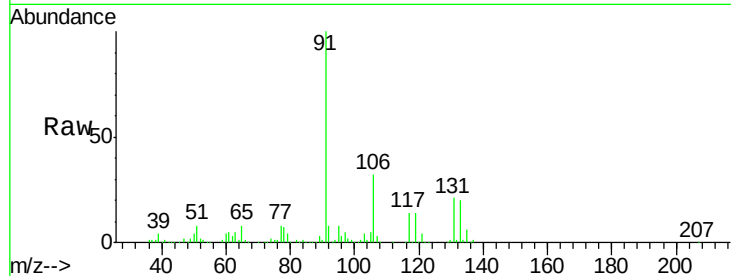




#67
Ethyl Benzene
Concen: 51.808 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

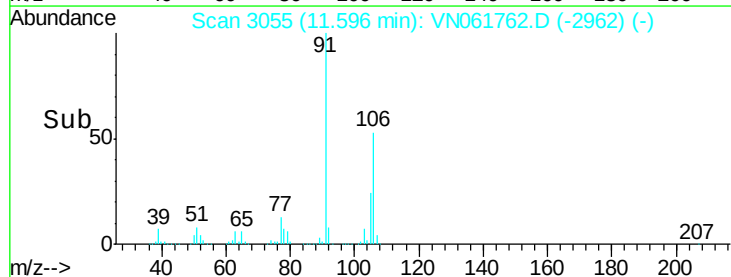
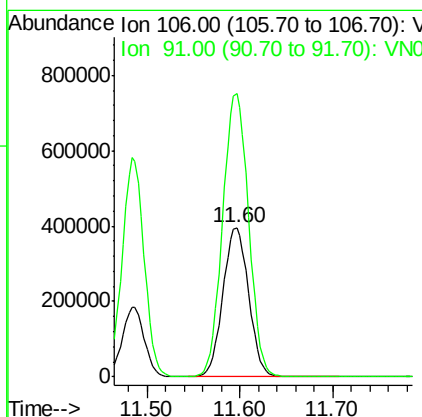
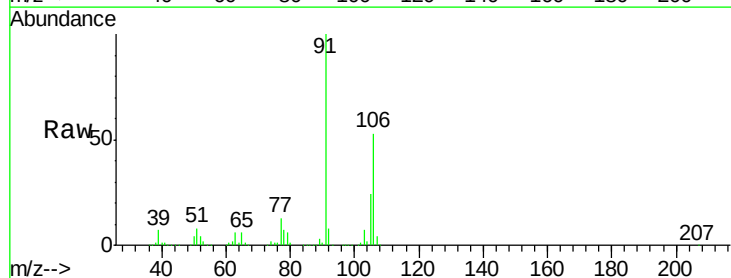
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

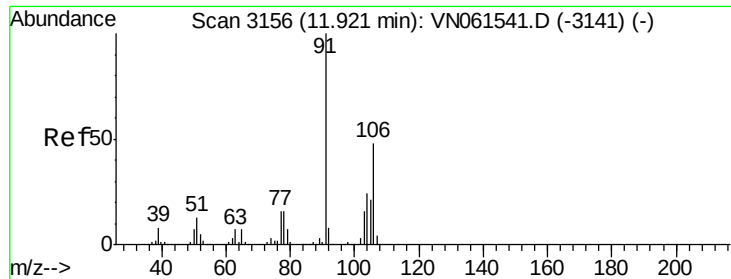
Tot Ion: 91 Resp: 952682
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 104.221 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 106 Resp: 759888
Ion Ratio Lower Upper
106 100
91 191.7 156.2 234.4

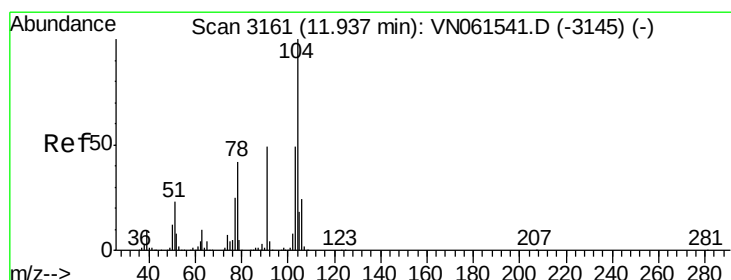
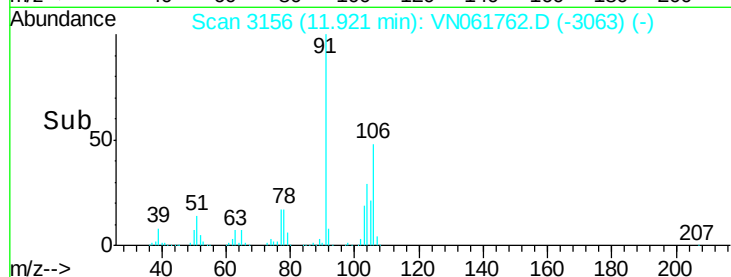
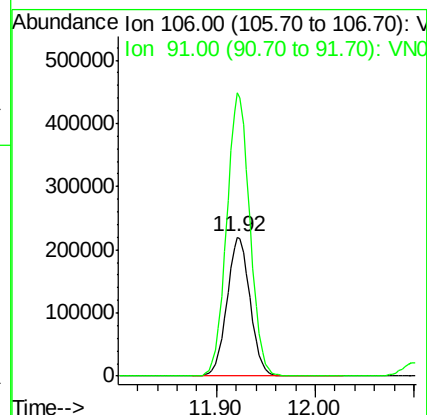
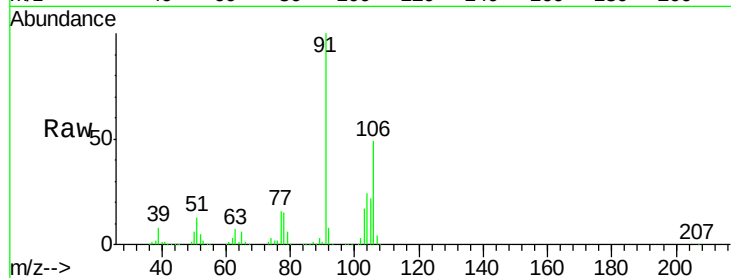




#69
o-Xylene
Concen: 52.222 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

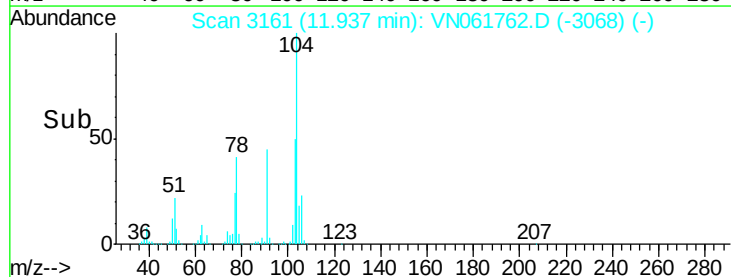
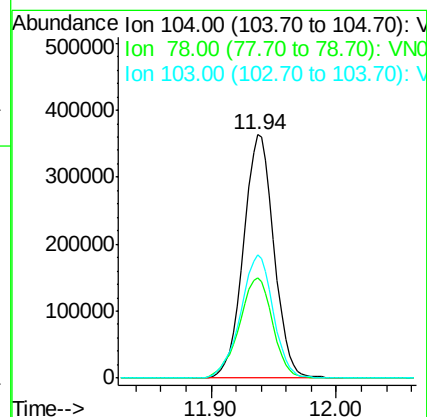
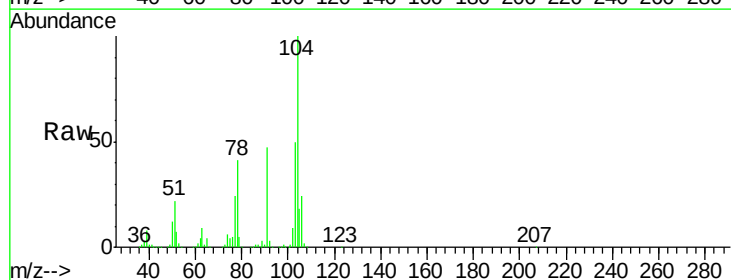
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

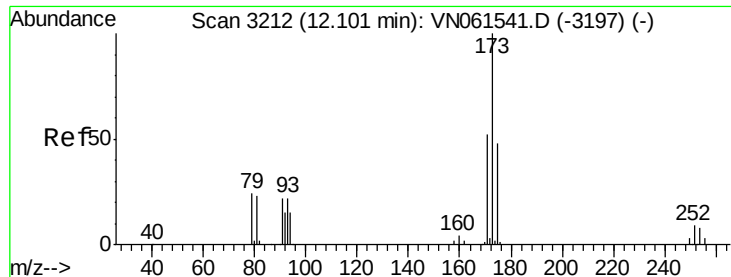
Tot Ion:106 Resp: 361645
Ion Ratio Lower Upper
106 100
91 204.2 103.3 309.8



#70
Styrene
Concen: 53.495 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion:104 Resp: 613489
Ion Ratio Lower Upper
104 100
78 45.4 37.4 56.0
103 54.4 42.3 63.5

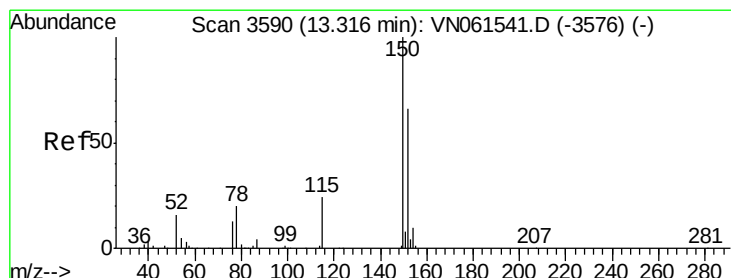
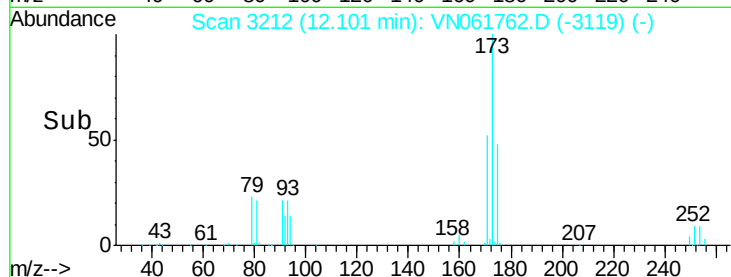
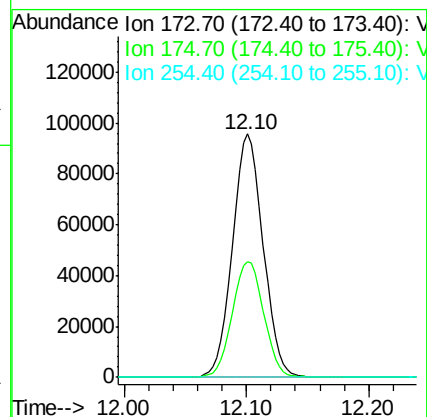
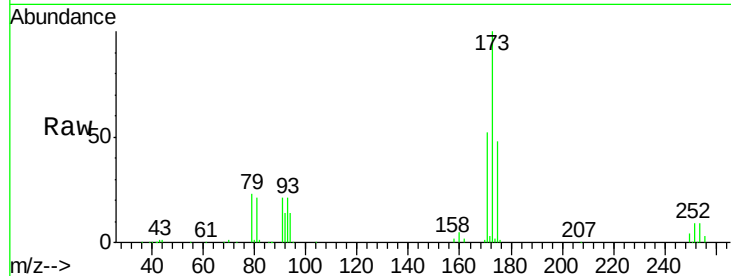




#71
Bromoform
Concen: 55.026 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

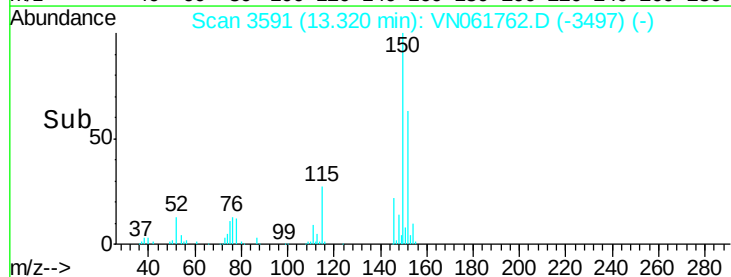
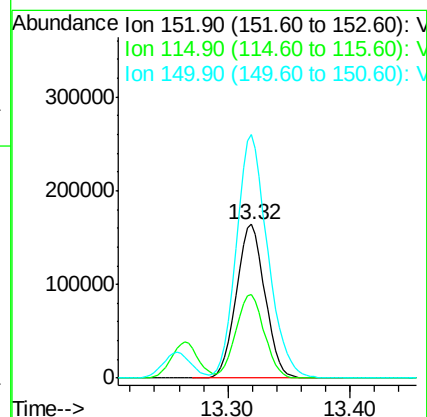
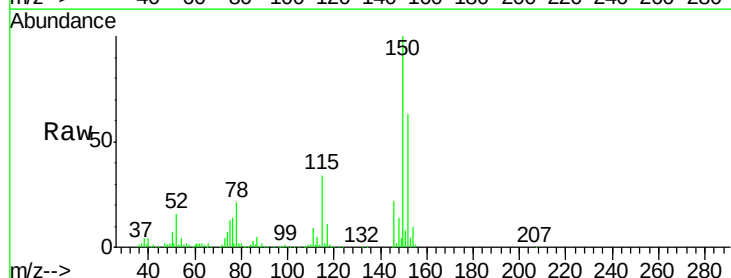
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

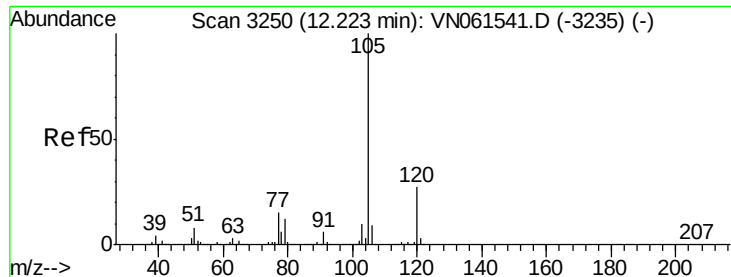
Tot Ion:173 Resp: 167971
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion:152 Resp: 267562
Ion Ratio Lower Upper
152 100
115 54.2 28.0 84.0
150 172.7 0.0 344.0





#73

Isopropylbenzene

Concen: 48.717 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

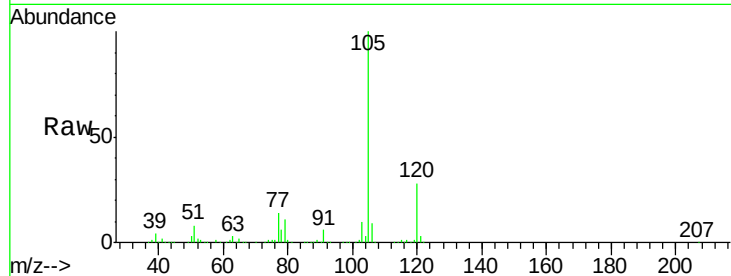
RE108D2-20200608MSD

Tot Ion:105 Resp: 951371

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

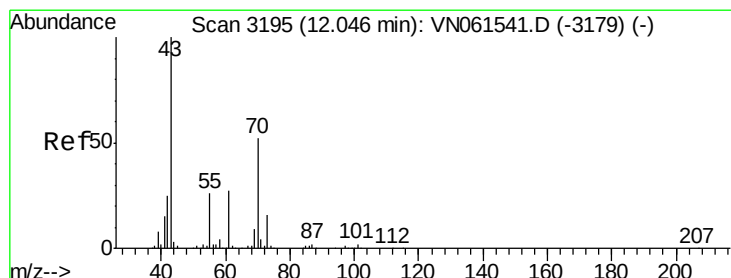
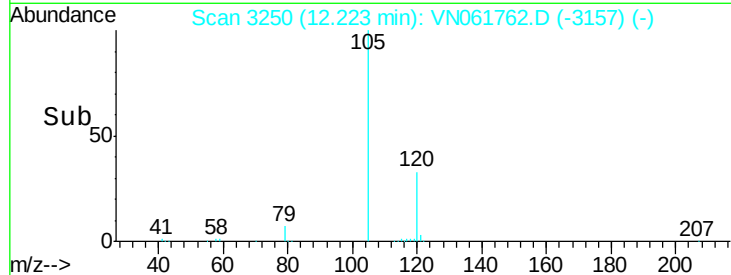
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 43.193 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Tgt Ion: 43 Resp: 265636

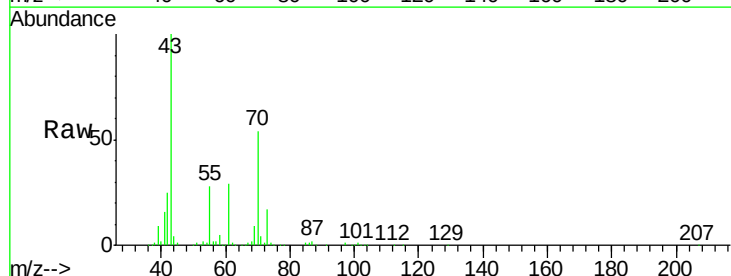
Ion Ratio Lower Upper

43 100

70 52.7 40.5 60.7

55 28.2 20.6 31.0

61 28.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

250000

200000

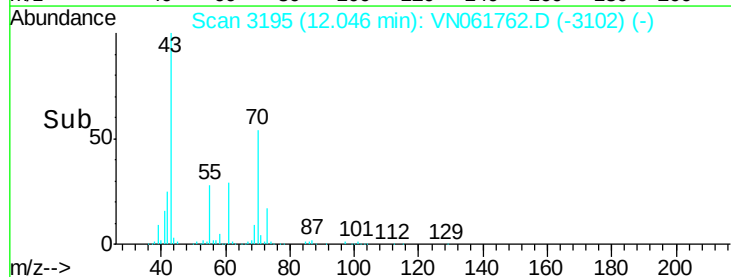
150000

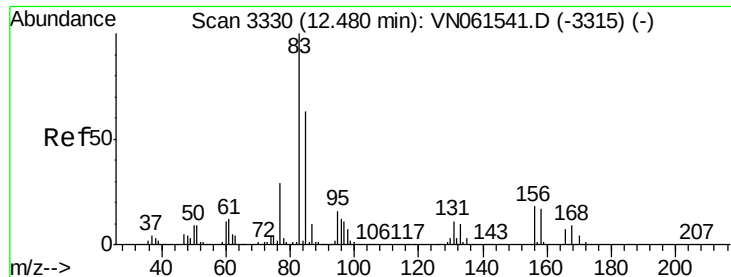
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.638 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

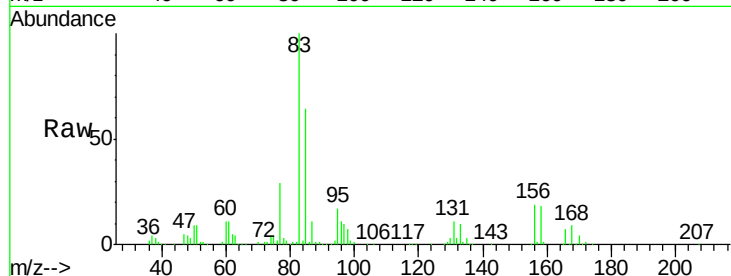
Tot Ion: 83 Resp: 255225

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

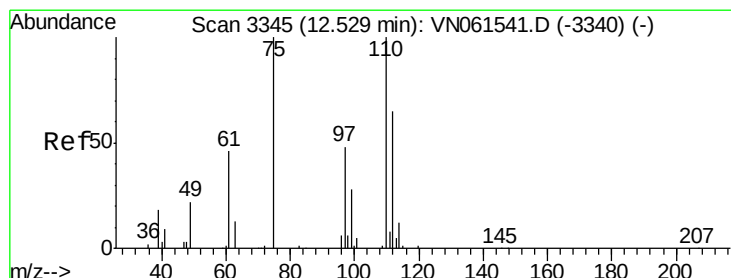
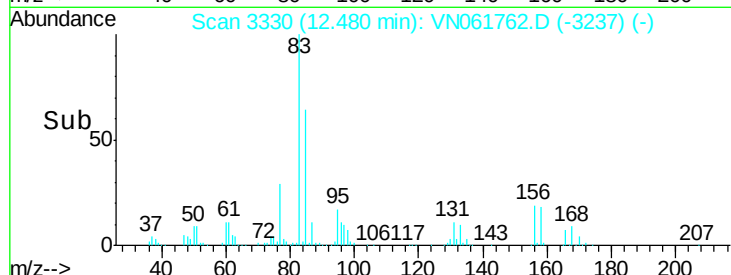
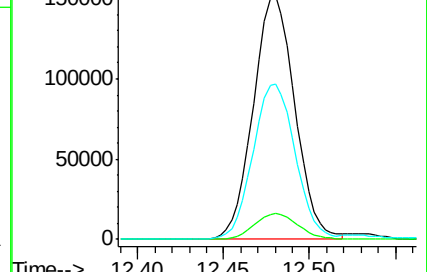
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061762.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061762.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061762.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 67.109 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061762.D

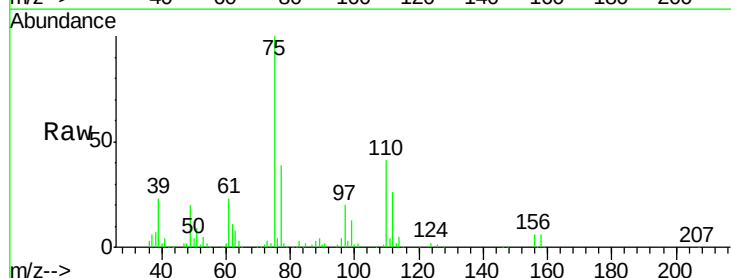
Acq: 11 Jun 2020 21:08

Tgt Ion: 75 Resp: 326505

Ion Ratio Lower Upper

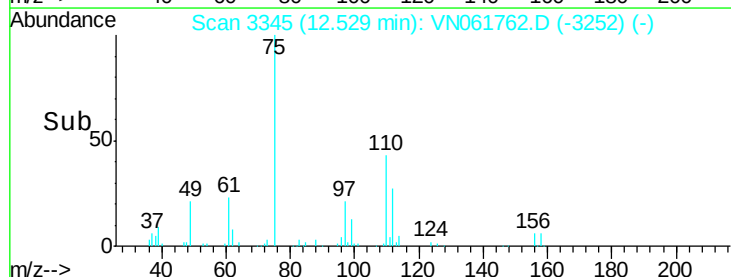
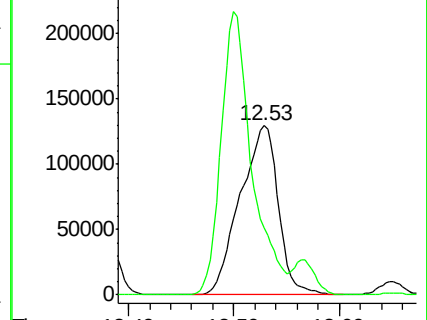
75 100

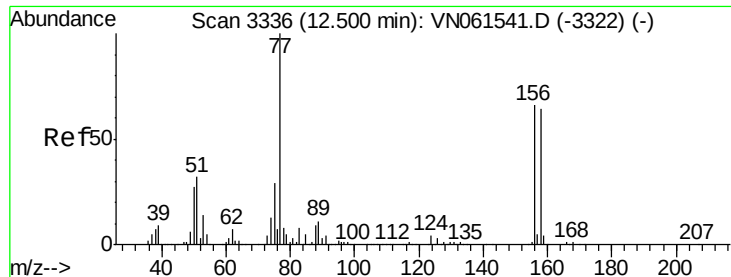
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061762.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061762.D (-3252) (-)





#77

Bromobenzene

Concen: 51.809 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

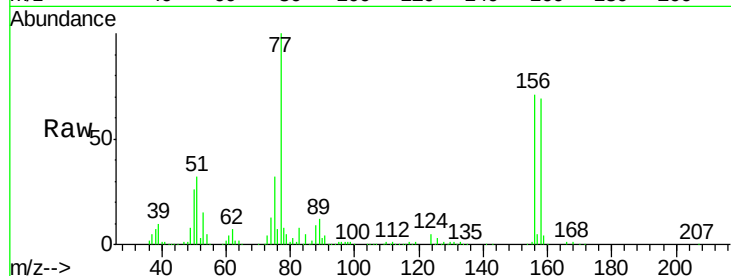
Tot Ion:156 Resp: 258258

Ion Ratio Lower Upper

156 100

77 170.0 90.9 272.7

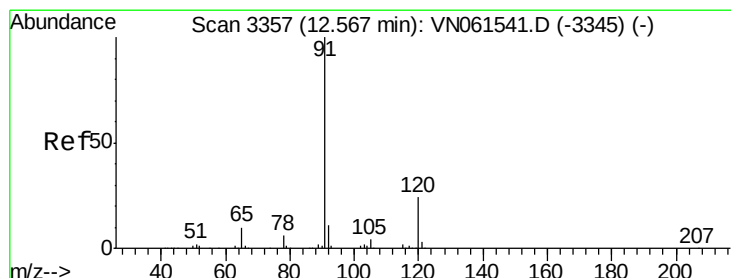
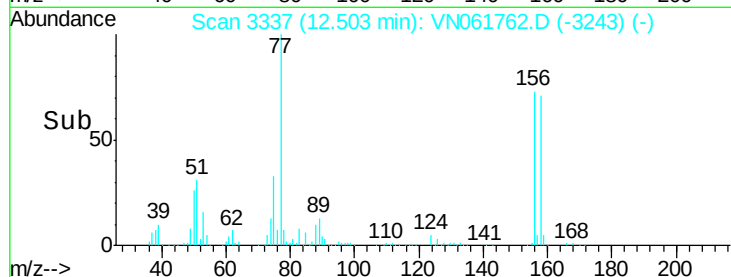
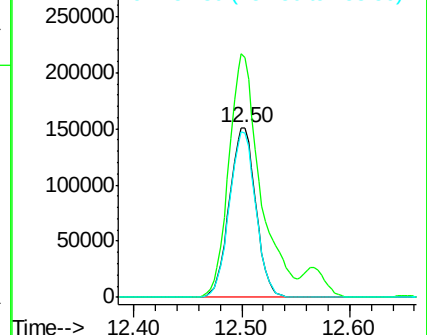
158 97.2 48.4 145.3



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: 48.868 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061762.D

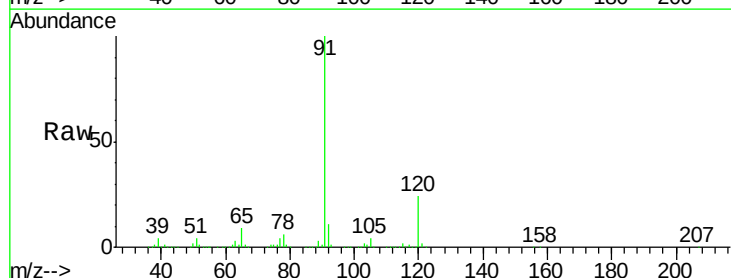
Acq: 11 Jun 2020 21:08

Tgt Ion: 91 Resp: 1065374

Ion Ratio Lower Upper

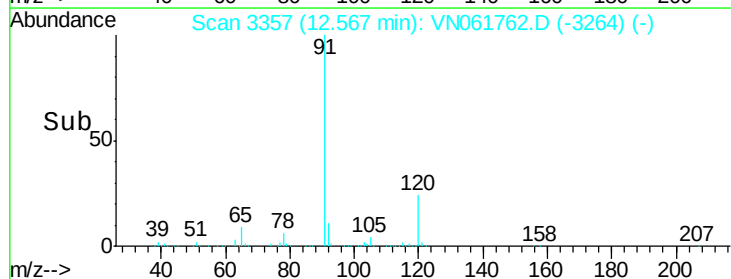
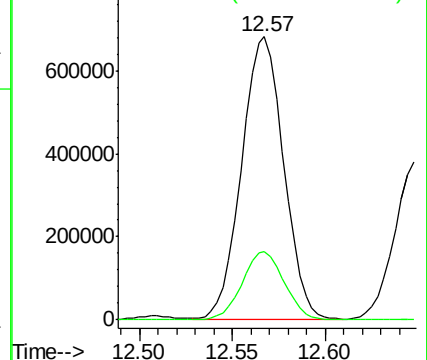
91 100

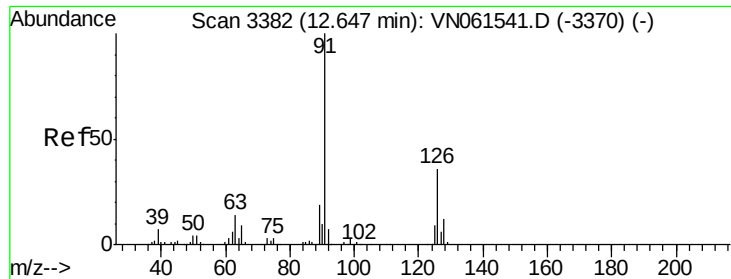
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

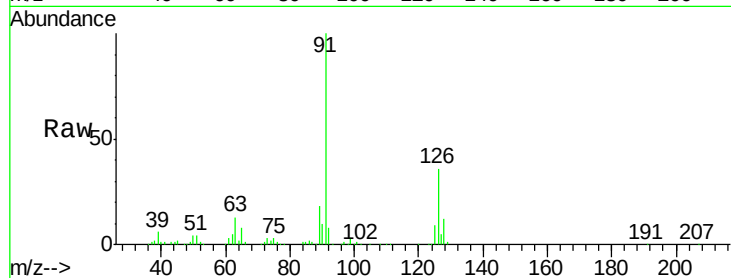




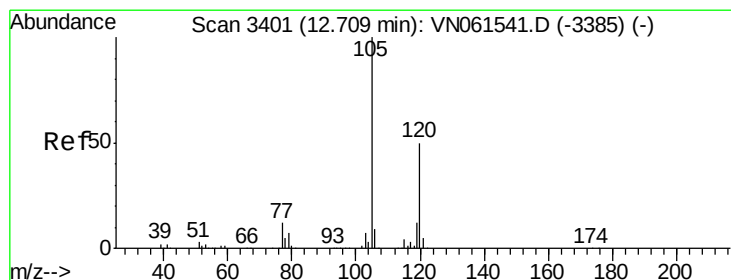
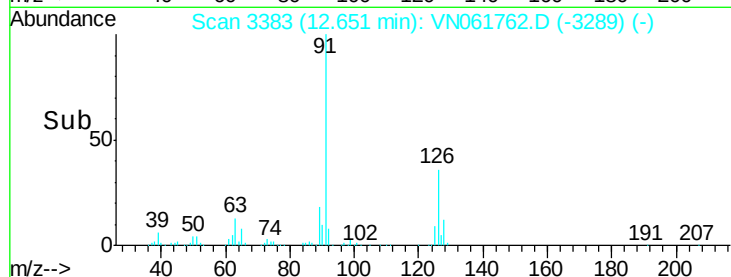
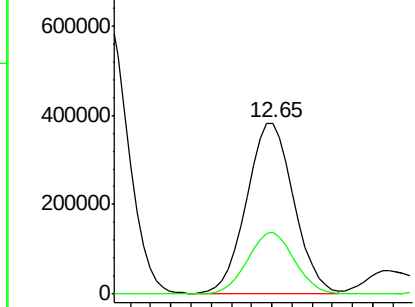
#79
 2-Chlorotoluene
 Concen: 48.023 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

Tot Ion: 91 Resp: 624282
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.9 53.7

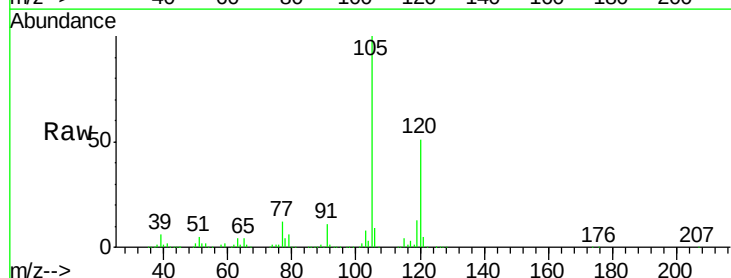


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

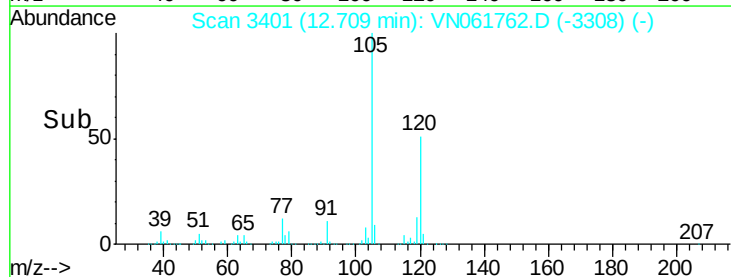
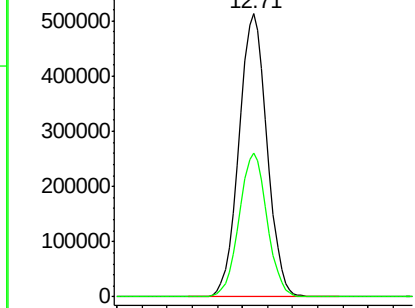


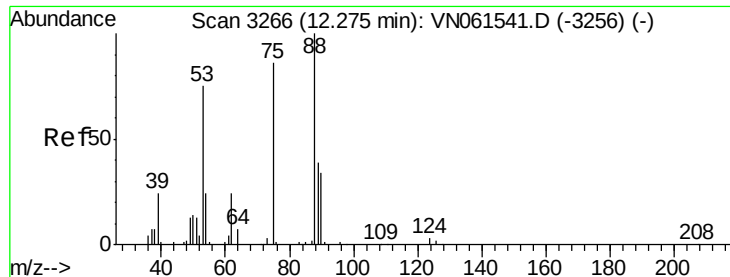
#80
 1,3,5-Trimethylbenzene
 Concen: 48.664 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion: 105 Resp: 794301
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.927 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608MSD

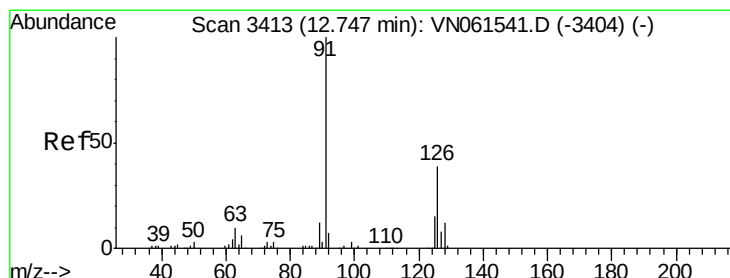
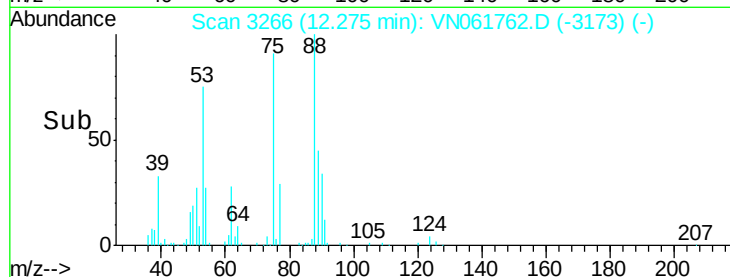
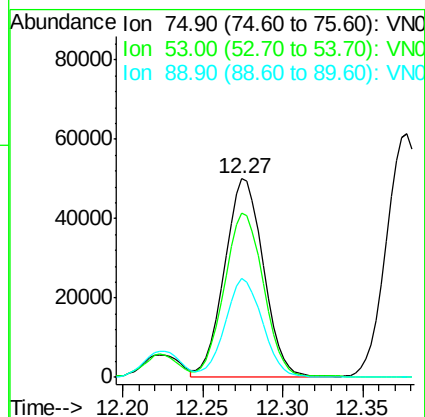
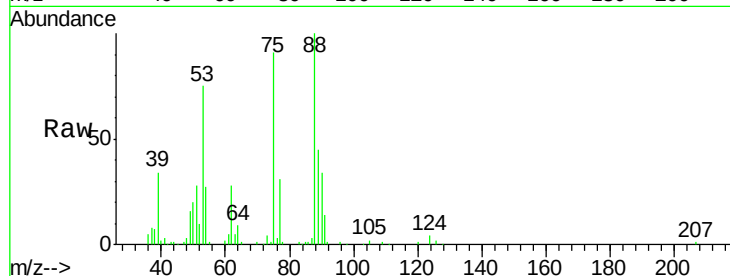
Tot Ion: 75 Resp: 83574

Ion Ratio Lower Upper

75 100

53 81.9 67.8 101.8

89 47.6 37.1 55.7



#82

4-Chlorotoluene

Concen: 48.055 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061762.D

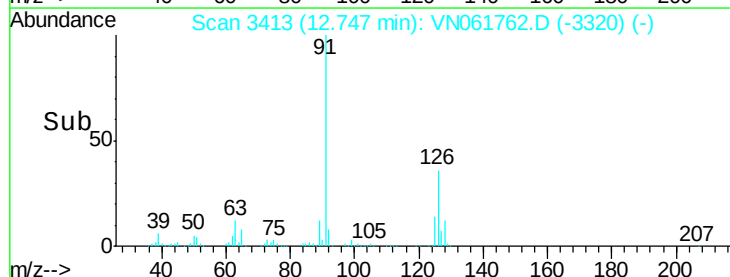
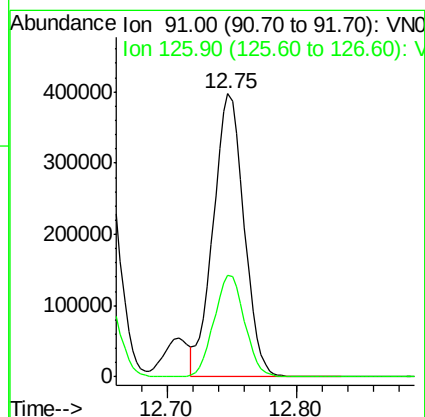
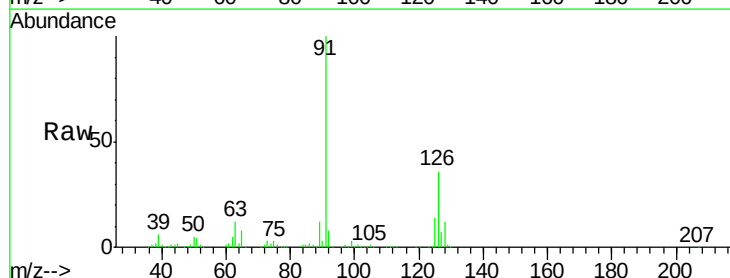
Acq: 11 Jun 2020 21:08

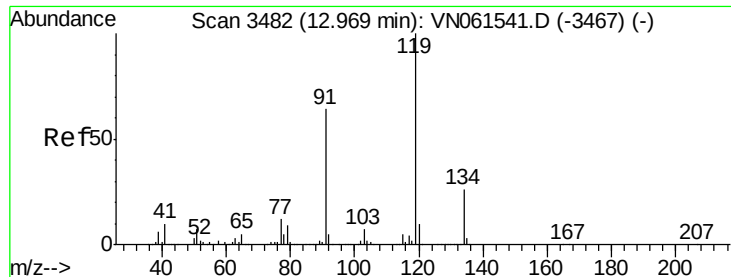
Tgt Ion: 91 Resp: 657190

Ion Ratio Lower Upper

91 100

126 35.9 17.5 52.6

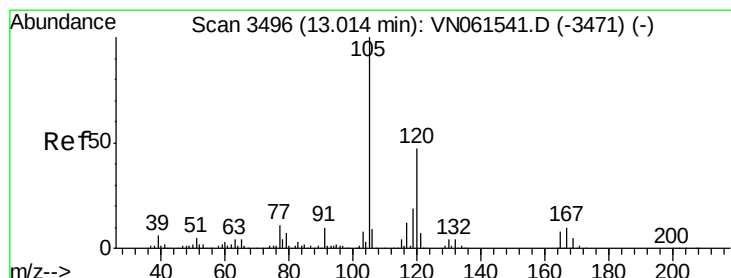
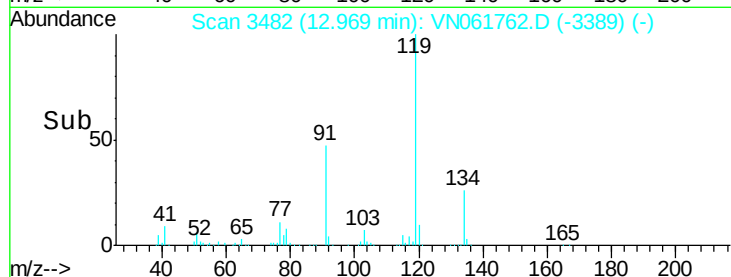
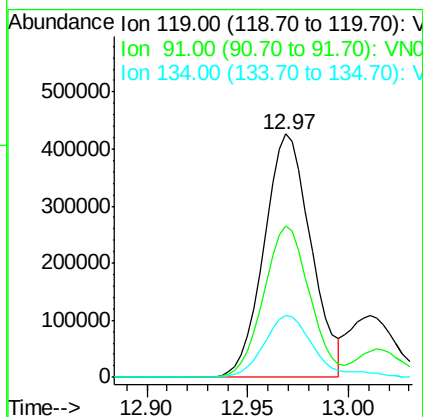
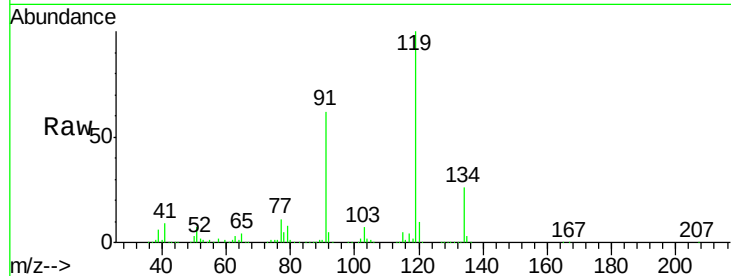




#83
 tert-Butylbenzene
 Concen: 47.719 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

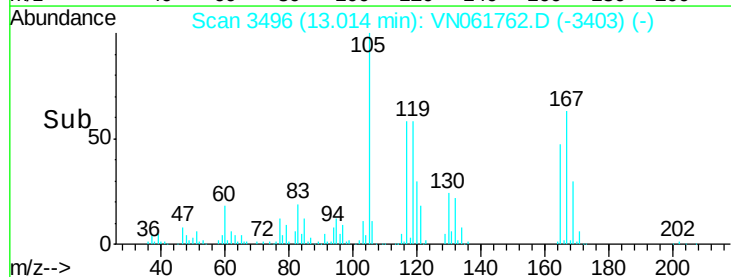
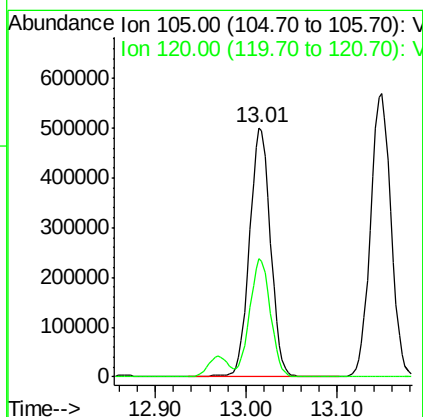
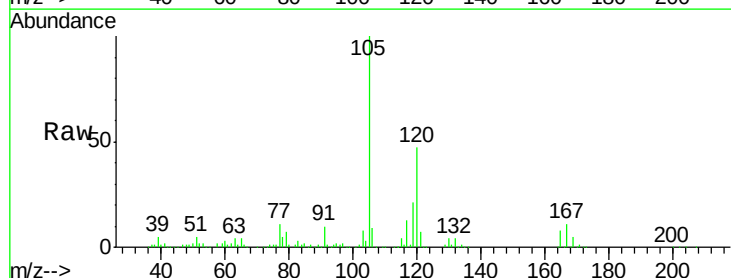
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

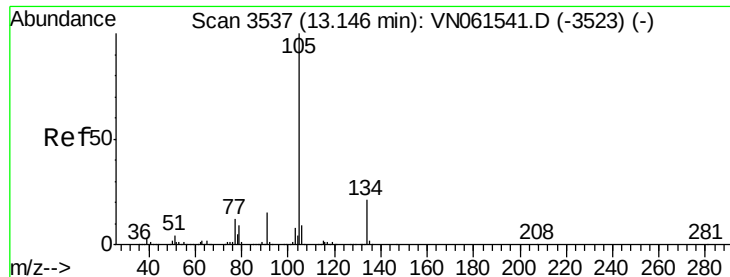
Tot Ion:119 Resp: 688178
 Ion Ratio Lower Upper
 119 100
 91 61.3 31.3 93.8
 134 27.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.461 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion:105 Resp: 802018
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 47.764 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

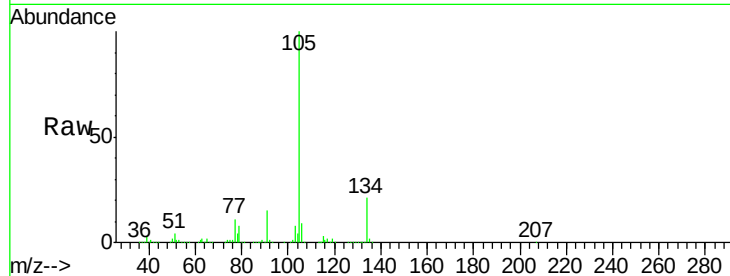
RE108D2-20200608MSD

Tot Ion:105 Resp: 887608

Ion Ratio Lower Upper

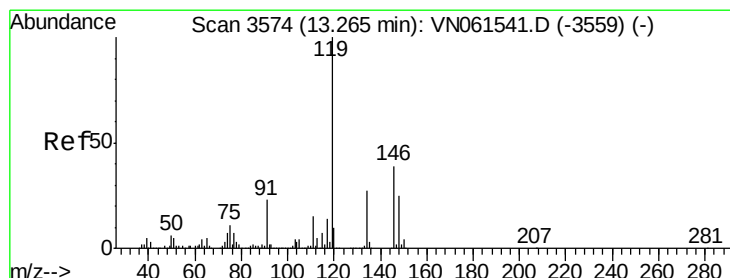
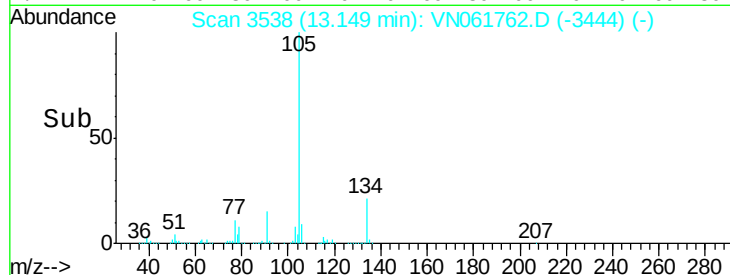
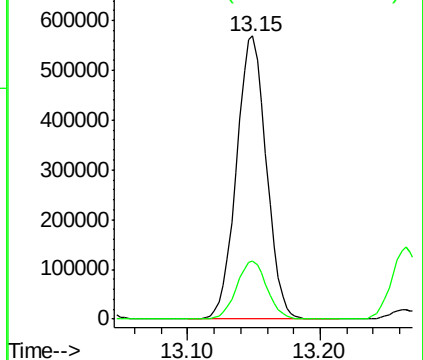
105 100

134 20.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.454 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061762.D

Acq: 11 Jun 2020 21:08

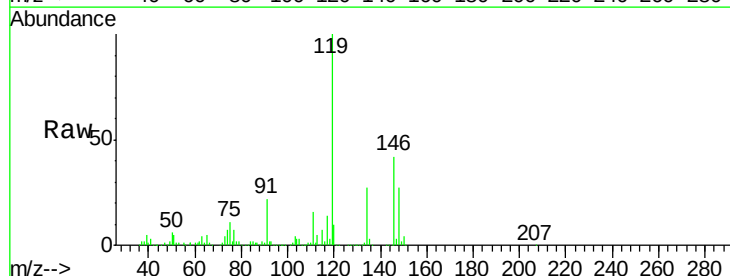
Tgt Ion:119 Resp: 829221

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

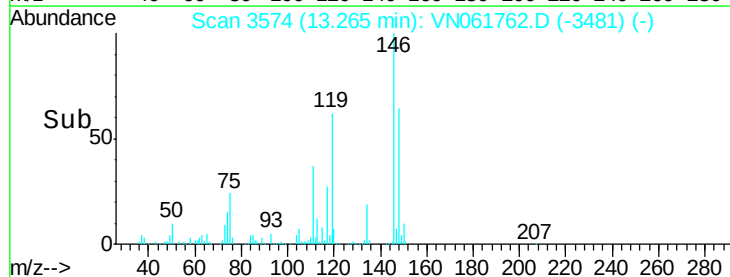
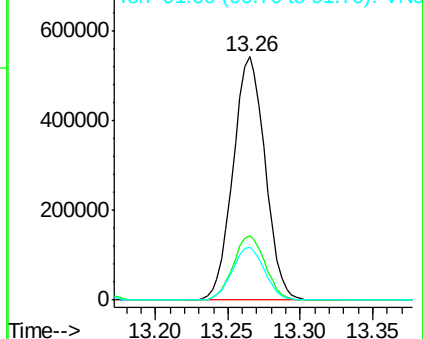
91 21.7 11.4 34.1

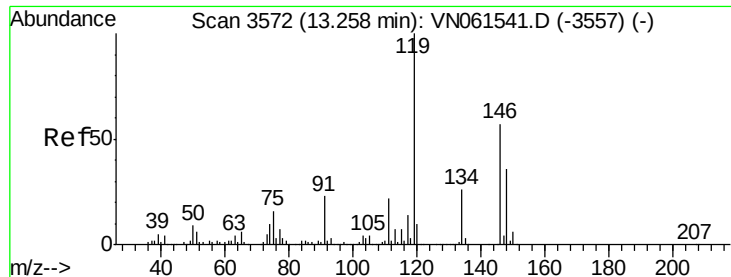


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

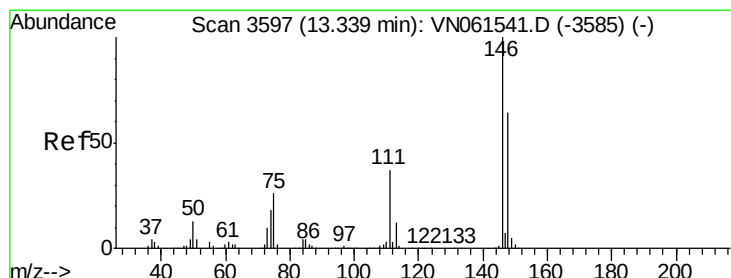
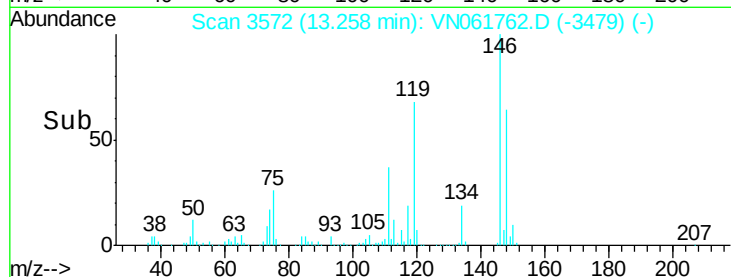
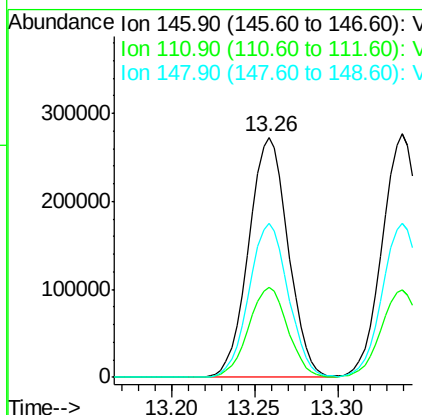
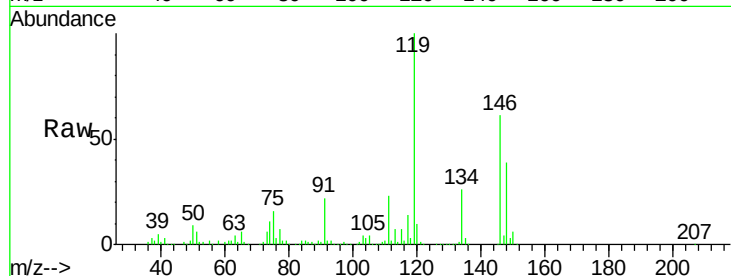




#87
 1,3-Dichlorobenzene
 Concen: 51.124 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

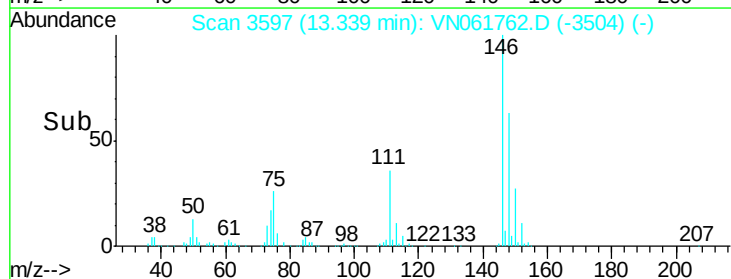
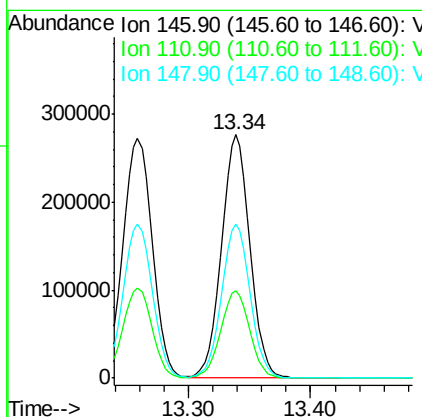
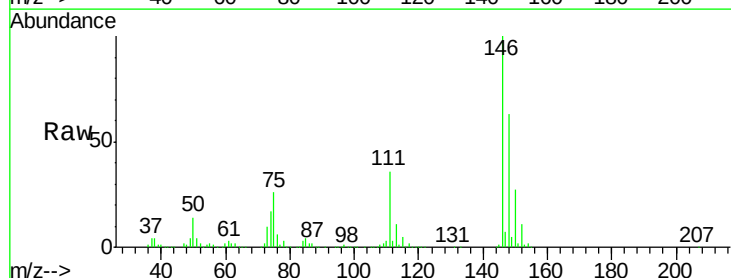
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

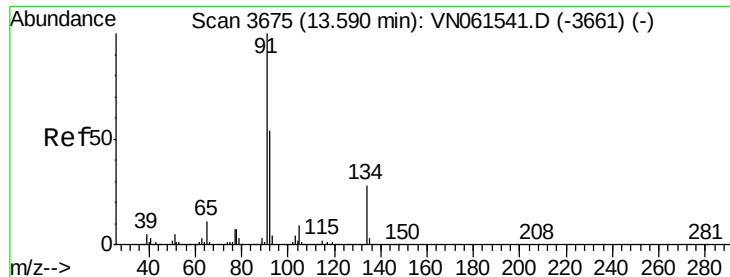
Tot Ion:146 Resp: 451278
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.2 57.6
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.295 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion:146 Resp: 452274
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.9
 148 63.5 31.8 95.3

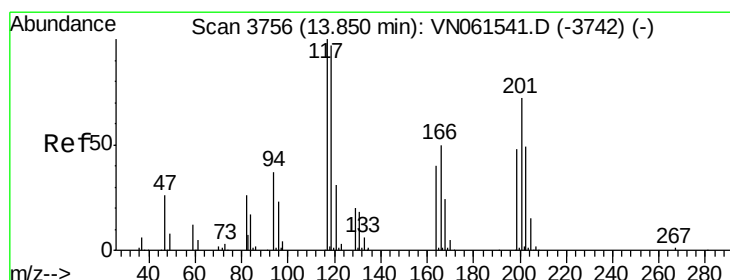
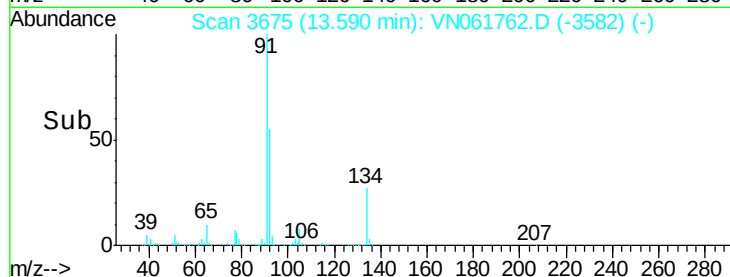
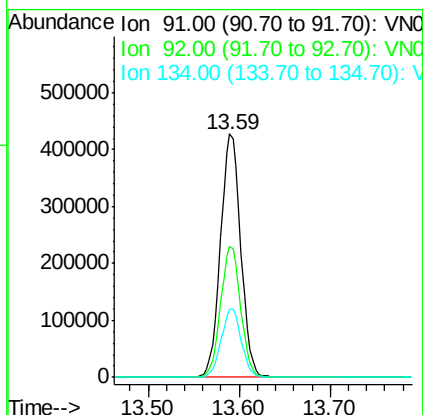
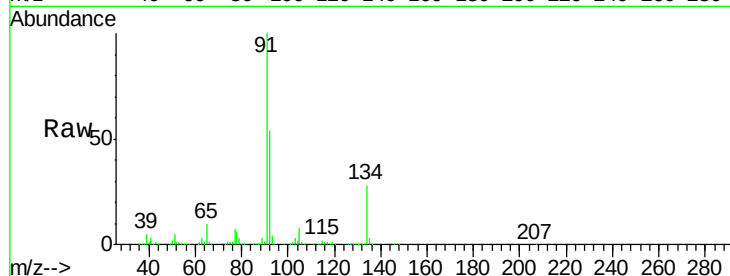




#89
n-Butylbenzene
Concen: 46.089 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

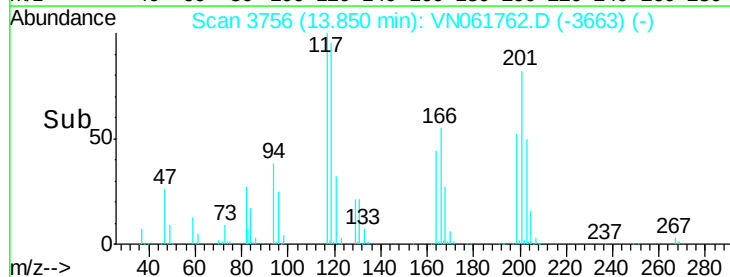
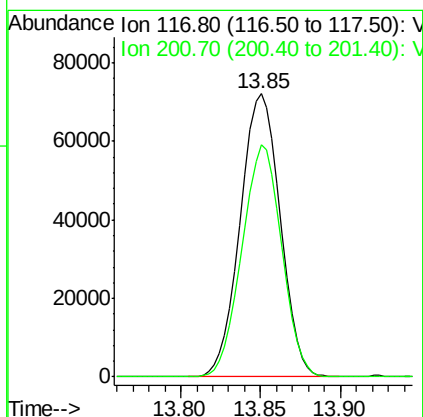
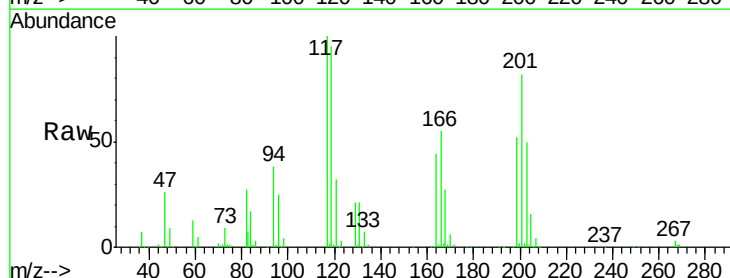
Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

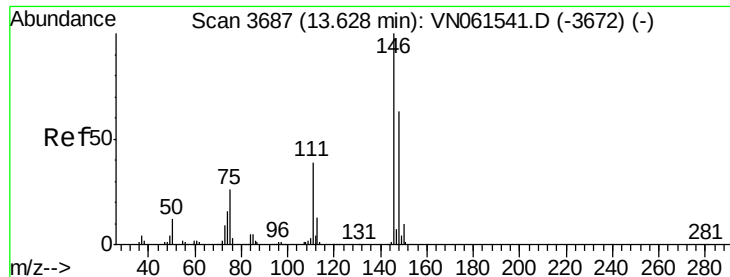
Tot Ion: 91 Resp: 660644
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.6
134 28.0 14.0 42.0



#90
Hexachloroethane
Concen: 64.907 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion: 117 Resp: 122845
Ion Ratio Lower Upper
117 100
201 81.3 36.7 110.1

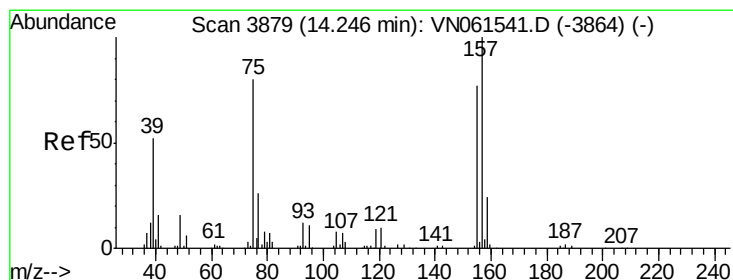
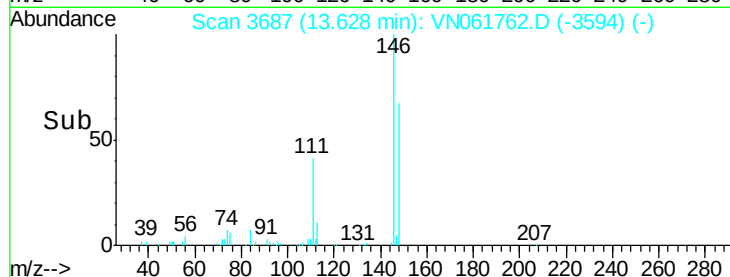
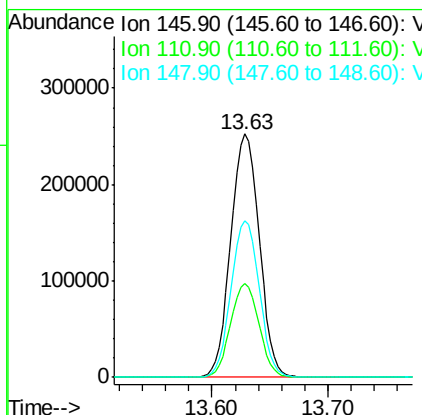
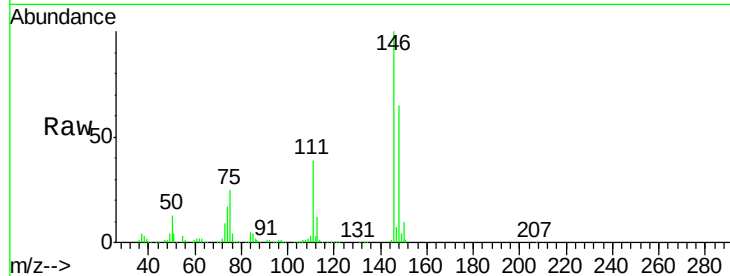




#91
 1,2-Dichlorobenzene
 Concen: 51.213 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

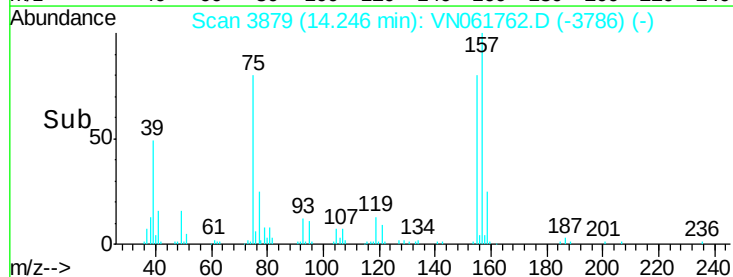
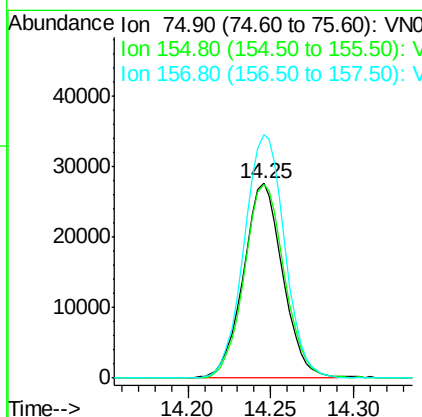
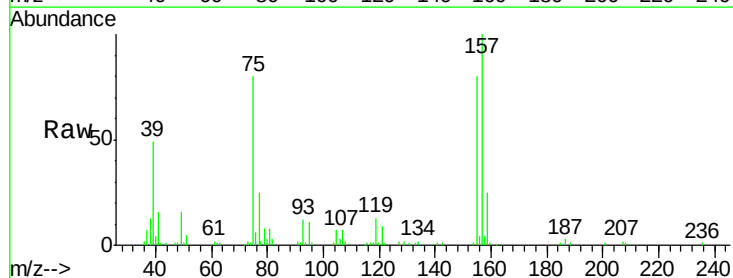
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

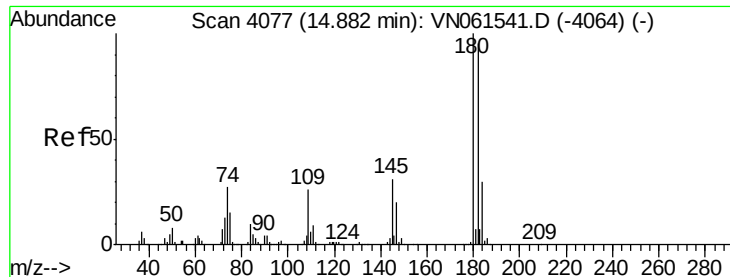
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.983 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	47.1	141.4
157	128.6	60.3	180.8

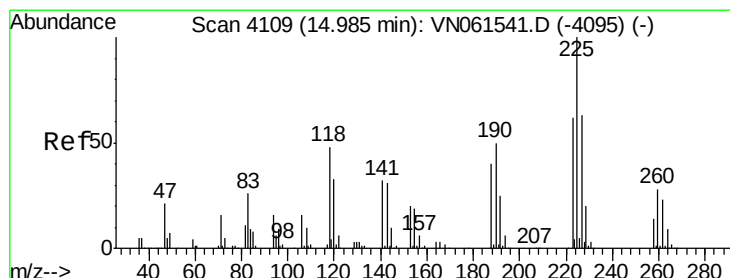
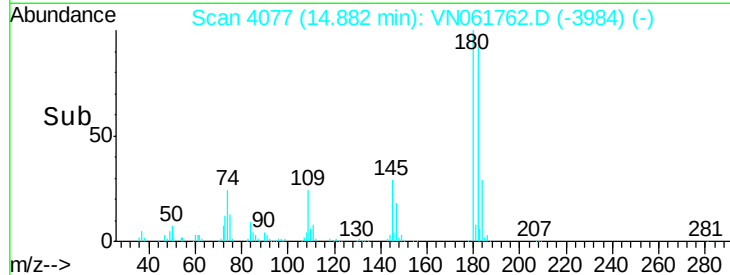
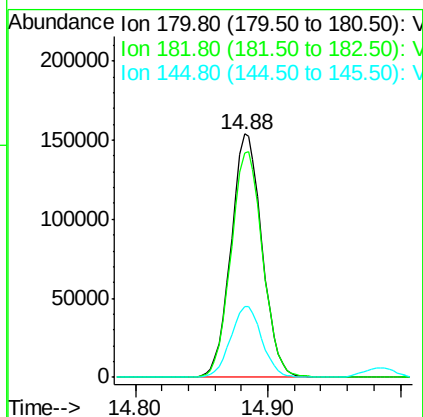
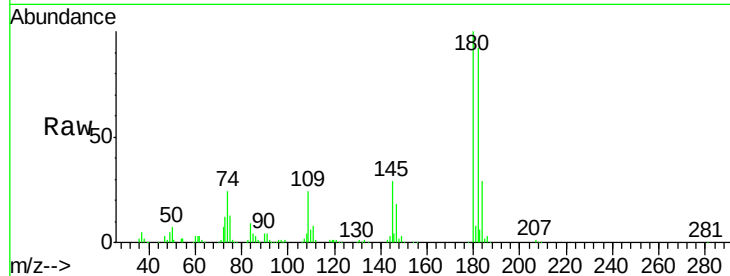




#93
 1,2,4-Trichlorobenzene
 Concen: 50.608 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

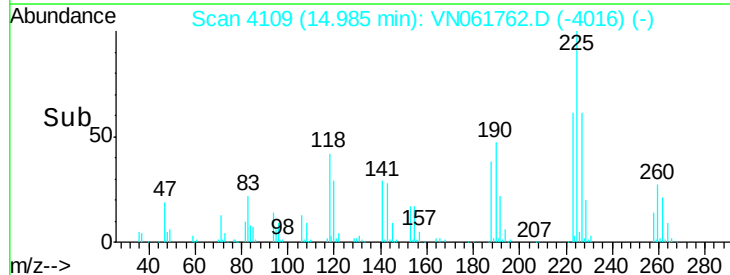
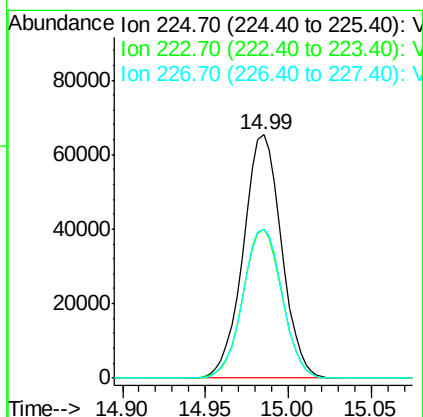
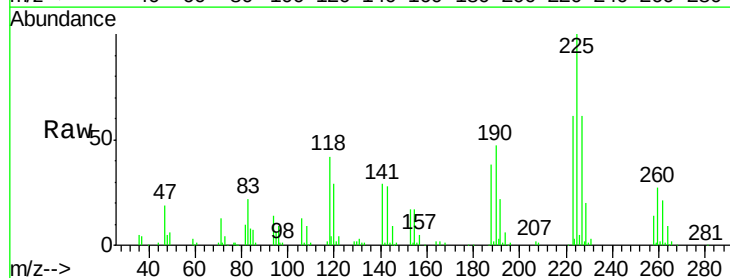
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608MSD

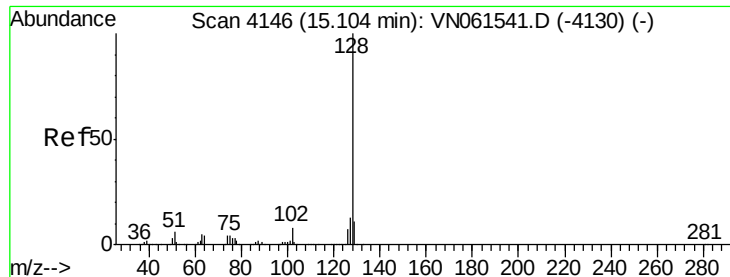
Tot Ion:180 Resp: 249676
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 29.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 49.816 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061762.D
 Acq: 11 Jun 2020 21:08

Tgt Ion:225 Resp: 104818
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 63.0 31.9 95.9

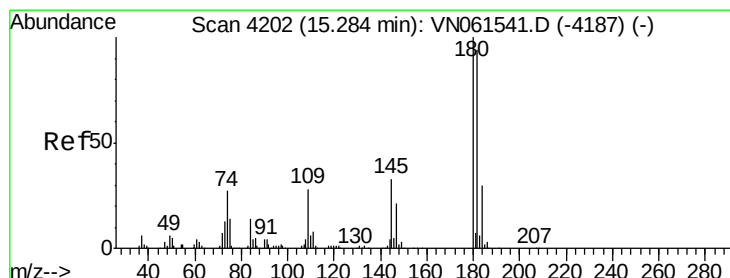
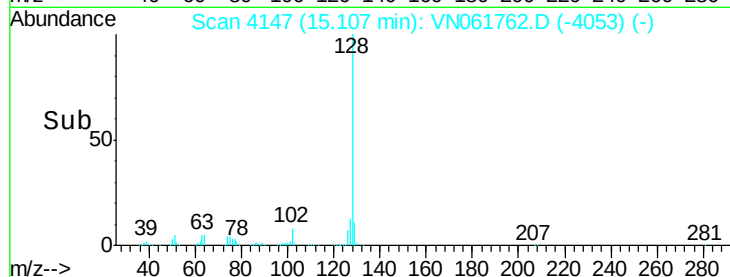
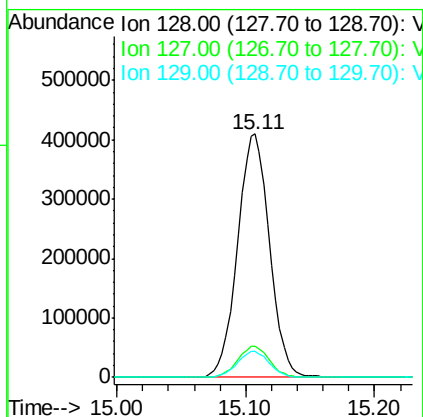
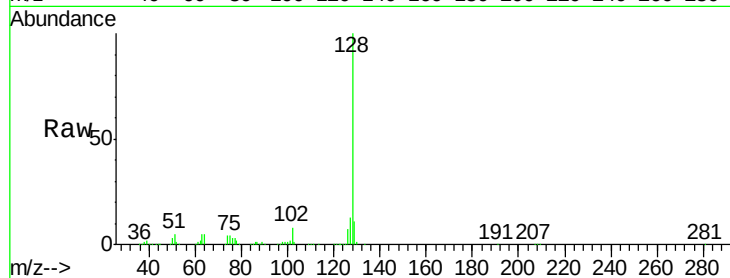




#95
Naphthalene
Concen: 46.854 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608MSD

Tot Ion:128 Resp: 703576
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.617 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061762.D
Acq: 11 Jun 2020 21:08

Tgt Ion:180 Resp: 245527
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 31.4 16.3 48.9

