

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061886.D
 Acq On : 18 Jun 2020 7:05
 Operator : JC/MD
 Sample : L3011-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Quant Time: Jun 18 07:34:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	94652	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	82240	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.06	98	316514	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	107837	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	99921	51.102	ug/l	97
3) Chloromethane	2.03	50	104344	50.029	ug/l	99
4) Vinyl Chloride	2.16	62	132841	53.428	ug/l	100
5) Bromomethane	2.52	94	90640	47.472	ug/l	98
6) Chloroethane	2.67	64	86925	51.657	ug/l	99
7) Trichlorofluoromethane	2.98	101	153410	51.655	ug/l	99
8) Diethyl Ether	3.37	74	49925	50.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	76150	49.979	ug/l	100
10) Methyl Iodide	3.91	142	93911	50.956	ug/l	98
11) Tert butyl alcohol	4.73	59	65365	234.402	ug/l	98
12) 1,1-Dichloroethene	3.69	96	79608	52.144	ug/l	93
13) Acrolein	3.56	56	37585	225.510	ug/l	99
14) Allyl chloride	4.27	41	96736	47.742	ug/l	99
15) Acrylonitrile	4.93	53	176978	256.131	ug/l	99
16) Acetone	3.77	43	139787	234.840	ug/l	97
17) Carbon Disulfide	4.01	76	222893	49.897	ug/l	99
18) Methyl Acetate	4.28	43	73205	42.717	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	254253	50.018	ug/l	100
20) Methylene Chloride	4.50	84	92588	47.743	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	88573	50.510	ug/l	97
22) Diisopropyl ether	5.90	45	221503	47.798	ug/l	98
23) Vinyl Acetate	5.84	43	772186	211.863	ug/l	99
24) 1,1-Dichloroethane	5.80	63	149146	49.165	ug/l	97
25) 2-Butanone	6.79	43	214702	247.221	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89748	35.165	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	101463	50.146	ug/l	95
28) Bromochloromethane	7.15	49	63409	46.946	ug/l	96
29) Tetrahydrofuran	7.17	42	141441	247.473	ug/l	99
30) Chloroform	7.33	83	159181	49.098	ug/l	98
31) Cyclohexane	7.61	56	120735	45.464	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	138524	50.170	ug/l	99
36) 1,1-Dichloropropene	7.75	75	118296	50.482	ug/l	98
37) Ethyl Acetate	6.88	43	81532	44.556	ug/l	99
38) Carbon Tetrachloride	7.73	117	123481	53.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	126289	50.050	ug/l	99
40) Benzene	8.00	78	359479	50.642	ug/l	98
41) Methacrylonitrile	7.12	41	36032	46.048	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	119629	49.426	ug/l	99
43) Isopropyl Acetate	8.13	43	140364	45.516	ug/l #	90
44) Trichloroethene	8.80	130	238173	127.493	ug/l	97
45) 1,2-Dichloropropane	9.08	63	88966	51.000	ug/l	98
46) Dibromomethane	9.18	93	61749	50.267	ug/l	97
47) Bromodichloromethane	9.37	83	128029	50.899	ug/l	97
48) Methyl methacrylate	9.17	41	70725	50.432	ug/l	99
49) 1,4-Dioxane	9.17	88	32620	1013.124	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	455795	250.117	ug/l	98
52) Toluene	10.12	92	233163	52.302	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	129317	48.428	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135947	46.873	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	90961	51.859	ug/l	99
56) Ethyl methacrylate	10.40	69	122125	45.839	ug/l	99
57) 1,3-Dichloropropane	10.68	76	151147	50.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	714	0.771	ug/l #	44
59) 2-Hexanone	10.72	43	333748	230.355	ug/l	99
60) Dibromochloromethane	10.87	129	101759	51.992	ug/l	99
61) 1,2-Dibromoethane	10.98	107	92034	50.250	ug/l	98
64) Tetrachloroethene	10.60	164	77378	50.467	ug/l	98
65) Chlorobenzene	11.41	112	248800	49.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92032	51.987	ug/l	100
67) Ethyl Benzene	11.48	91	436071	51.239	ug/l	99
68) m/p-Xylenes	11.60	106	343766	104.754	ug/l	99
69) o-Xylene	11.92	106	163193	52.119	ug/l	99
70) Styrene	11.94	104	278557	53.131	ug/l	99
71) Bromoform	12.10	173	68450	53.029	ug/l #	99
73) Isopropylbenzene	12.22	105	428347	51.345	ug/l	99
74) N-amyl acetate	12.05	43	118734	39.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	133747	49.310	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	158314	68.687	ug/l #	100
77) Bromobenzene	12.50	156	106008	50.367	ug/l	97
78) n-propylbenzene	12.57	91	481134	50.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	288349	50.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	354607	51.377	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	37669	44.575	ug/l	98
82) 4-Chlorotoluene	12.75	91	297104	50.292	ug/l	100
83) tert-Butylbenzene	12.97	119	297059	50.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	360881	52.968	ug/l	100
85) sec-Butylbenzene	13.15	105	389374	50.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	357911	52.445	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	192152	50.056	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	191025	48.615	ug/l	99
89) n-Butylbenzene	13.59	91	283182	49.686	ug/l	99
90) Hexachloroethane	13.85	117	64595	51.707	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	189742	51.343	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22215	50.450	ug/l	97

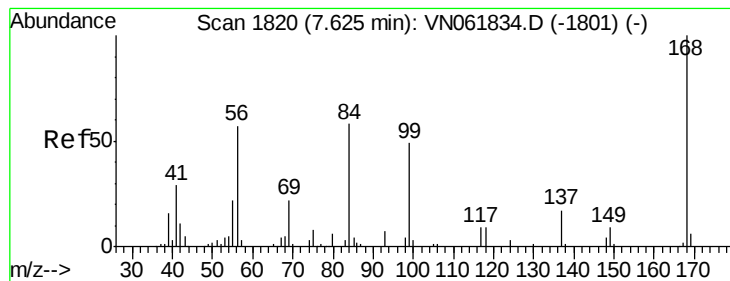
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	87325	50.076	ug/l	100
94) Hexachlorobutadiene	14.98	225	32176	46.847	ug/l	98
95) Naphthalene	15.10	128	252854	43.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	87189	50.484	ug/l	97

(#) = 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: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

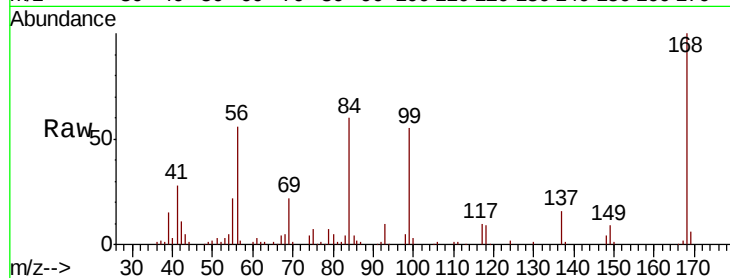
RE117D1-20200611MS

Tot Ion:168 Resp: 150257

Ion Ratio Lower Upper

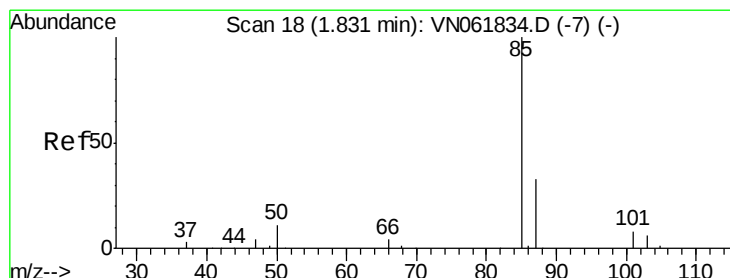
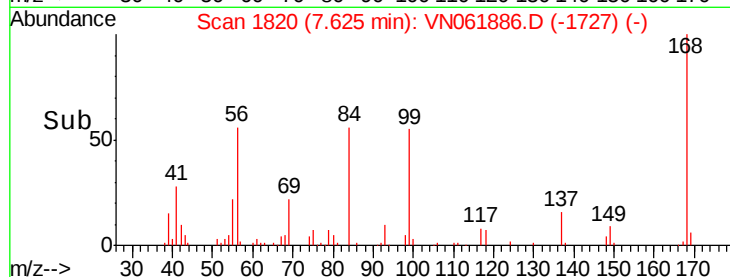
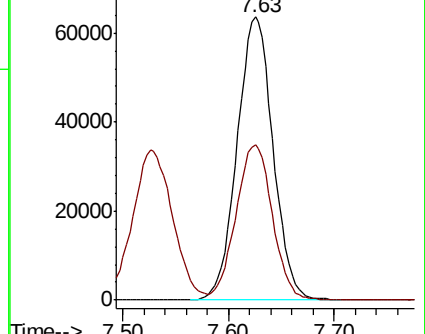
168 100

99 54.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.102 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061886.D

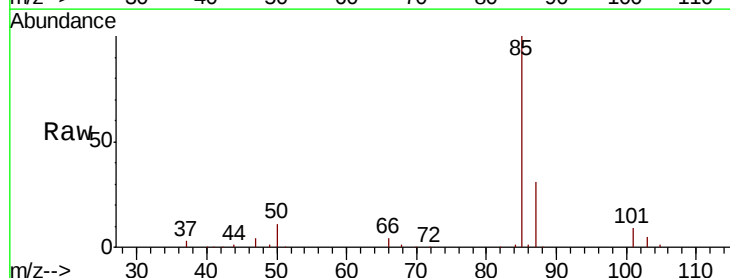
Acq: 18 Jun 2020 7:05

Tgt Ion: 85 Resp: 99921

Ion Ratio Lower Upper

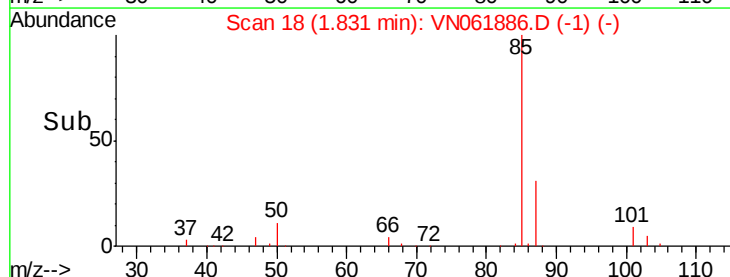
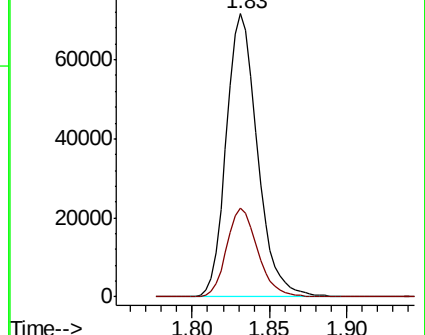
85 100

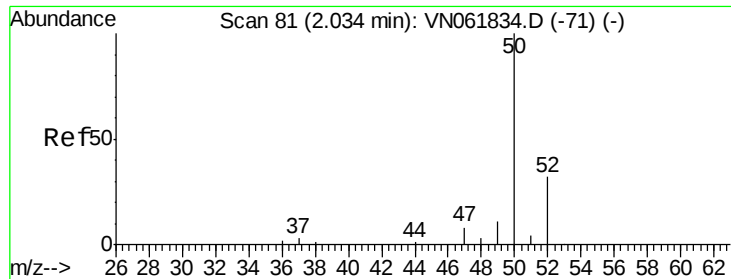
87 31.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

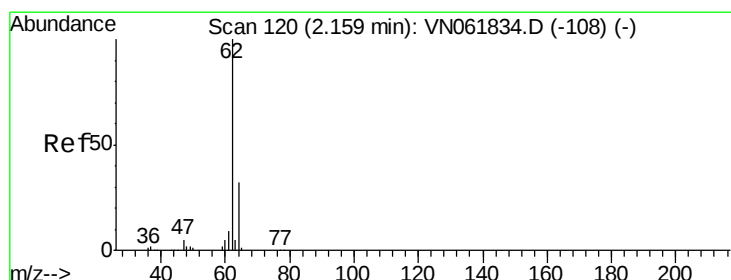
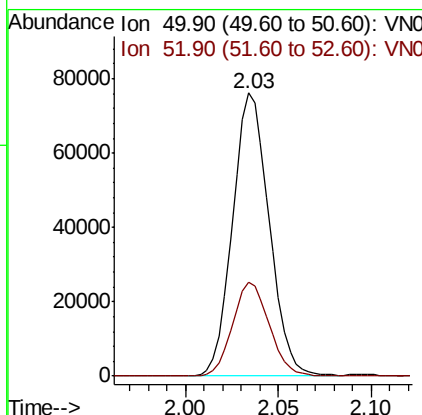
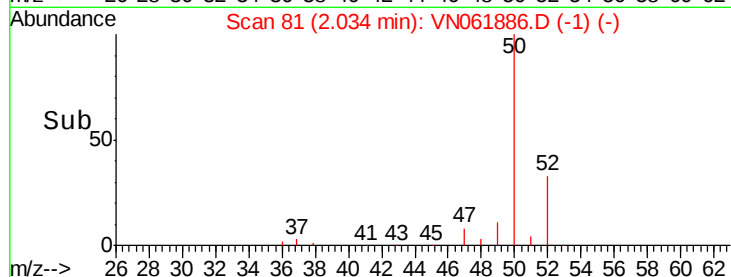
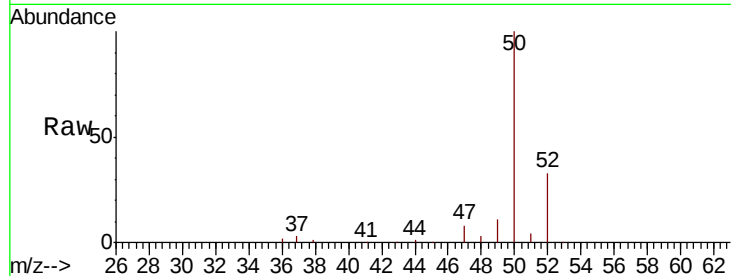




#3
 Chloromethane
 Concen: 50.029 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

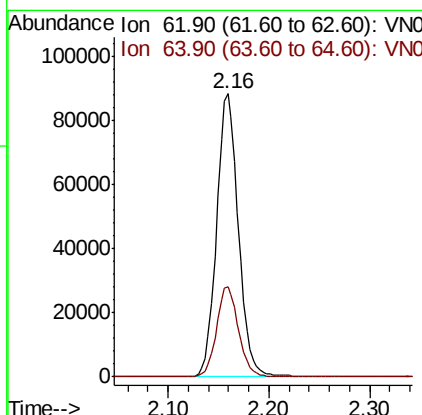
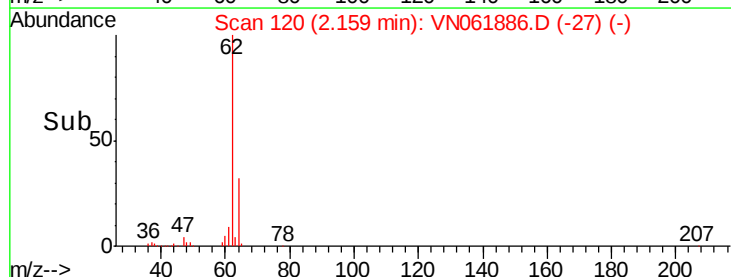
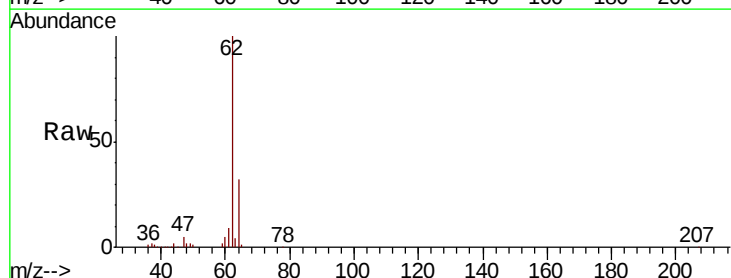
Instrument :
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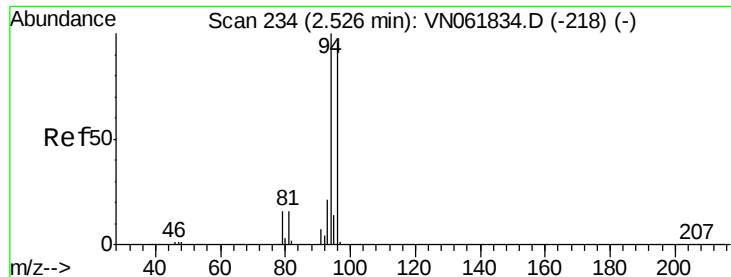
Tot Ion: 50 Resp: 104344
 Ion Ratio Lower Upper
 50 100
 52 33.1 26.0 39.0



#4
 Vinyl Chloride
 Concen: 53.428 ug/l
 RT: 2.16 min Scan# 120
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 62 Resp: 132841
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.5 38.3





#5

Bromomethane

Concen: 47.472 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

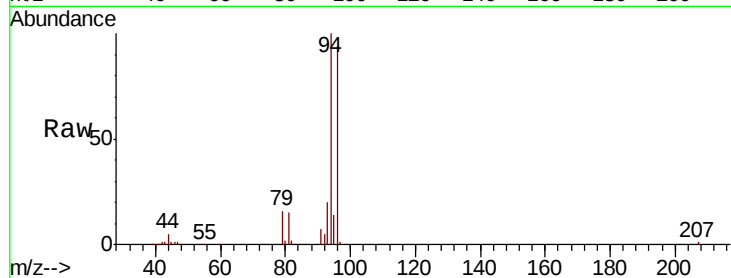
RE117D1-20200611MS

Tot Ion: 94 Resp: 90640

Ion Ratio Lower Upper

94 100

96 93.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

50000

40000

30000

20000

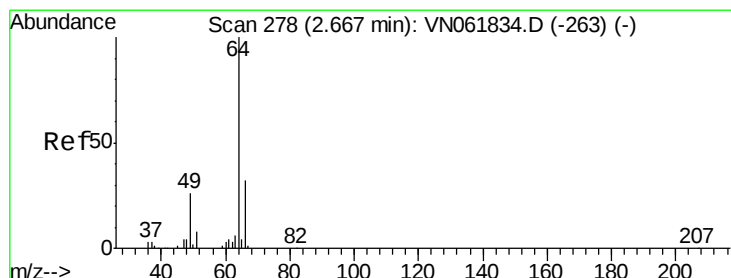
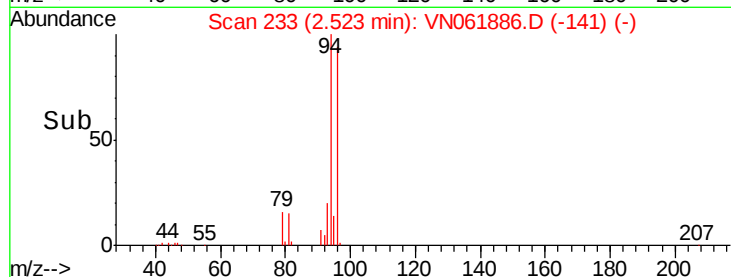
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 51.657 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061886.D

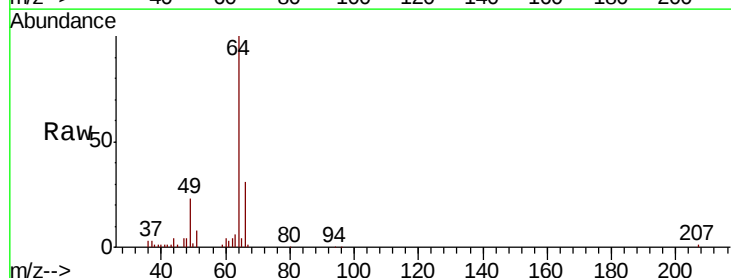
Acq: 18 Jun 2020 7:05

Tgt Ion: 64 Resp: 86925

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

50000

40000

30000

20000

10000

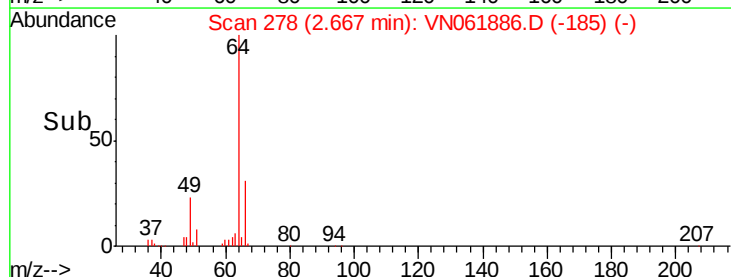
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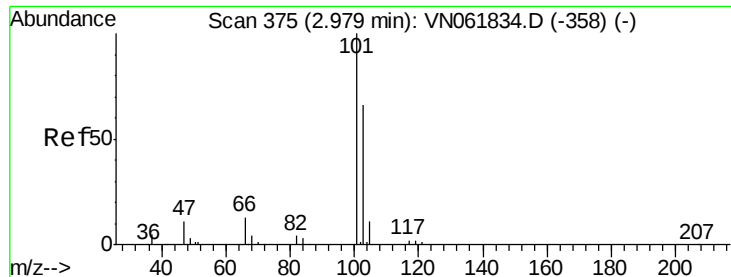
Time-->

2.60

2.70

2.80



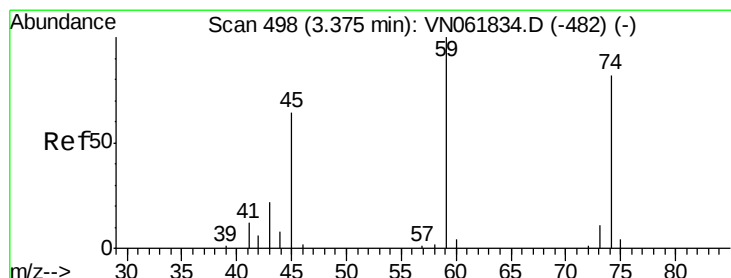
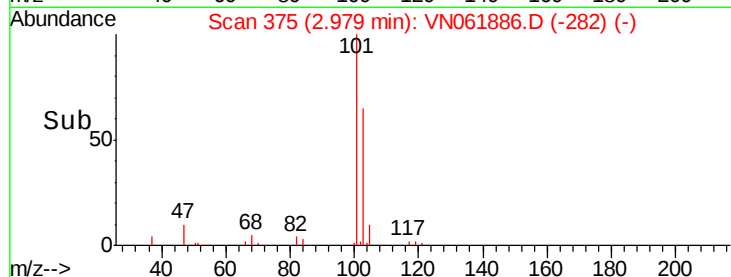
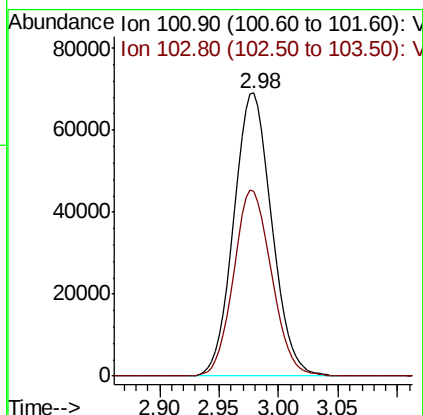
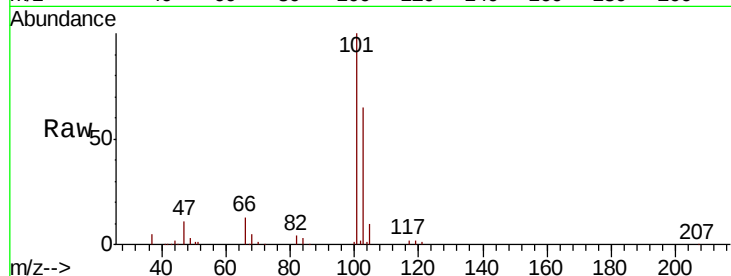


#7

Trichlorofluoromethane
 Concen: 51.655 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
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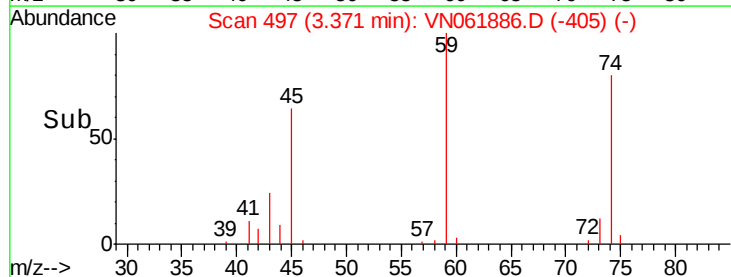
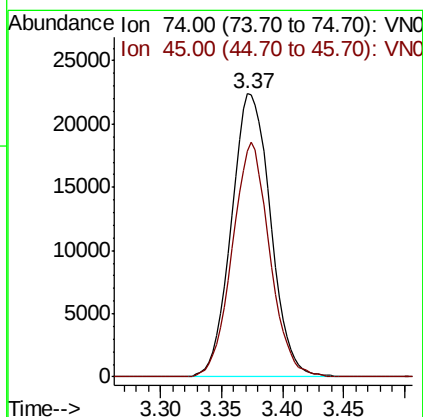
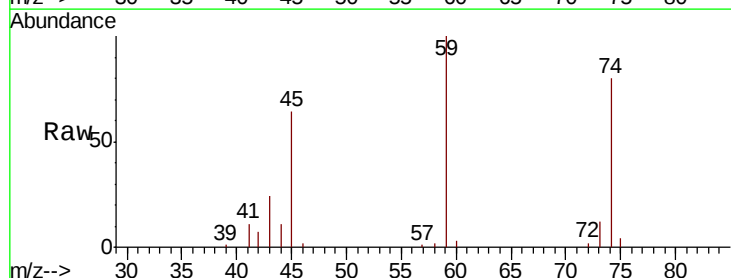
Tot Ion:101 Resp: 153410
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.8 79.2

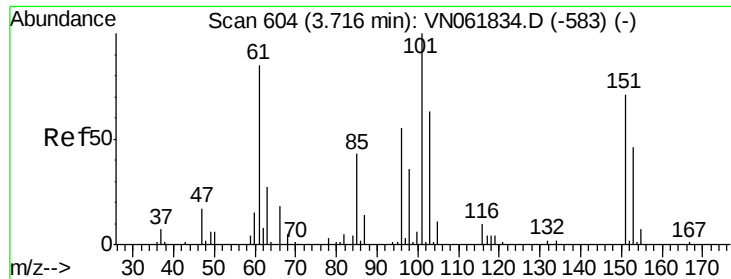


#8

Diethyl Ether
 Concen: 50.003 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 74 Resp: 49925
 Ion Ratio Lower Upper
 74 100
 45 79.0 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.979 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

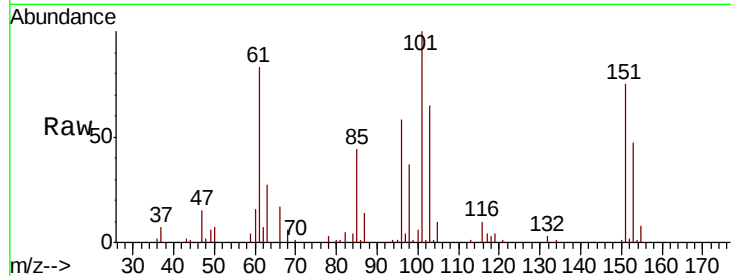
Tot Ion:101 Resp: 76150

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.6

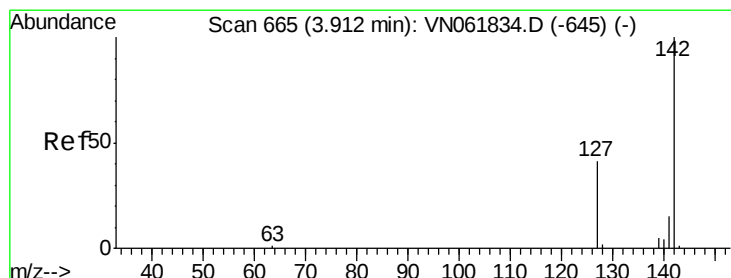
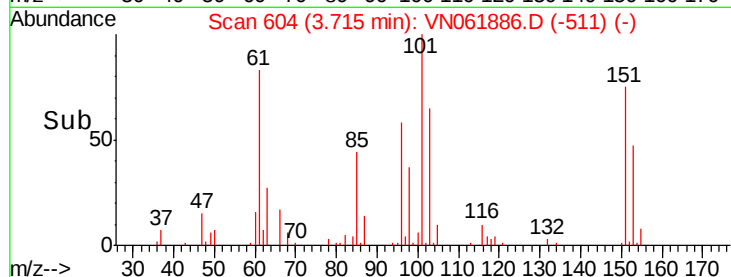
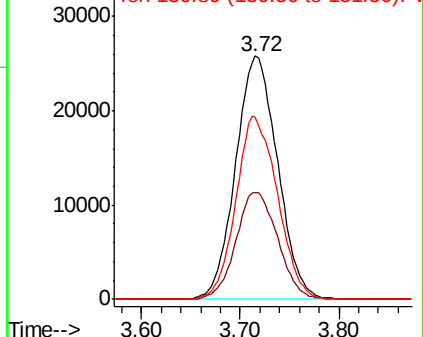
151 74.3 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.956 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

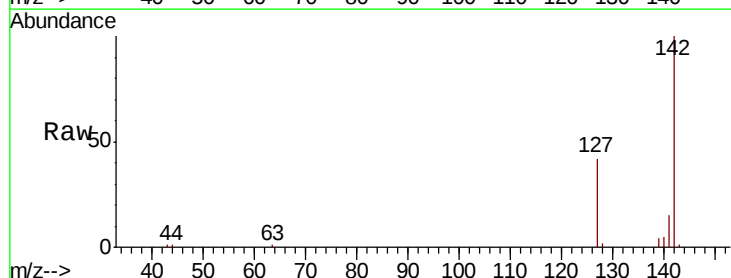
Tgt Ion:142 Resp: 93911

Ion Ratio Lower Upper

142 100

127 43.3 33.4 50.0

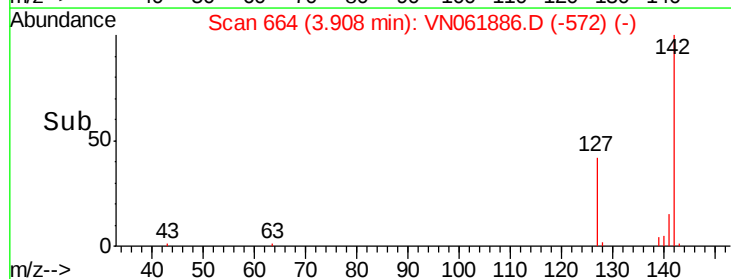
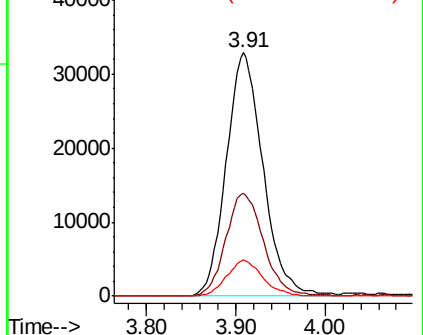
141 14.4 11.3 16.9

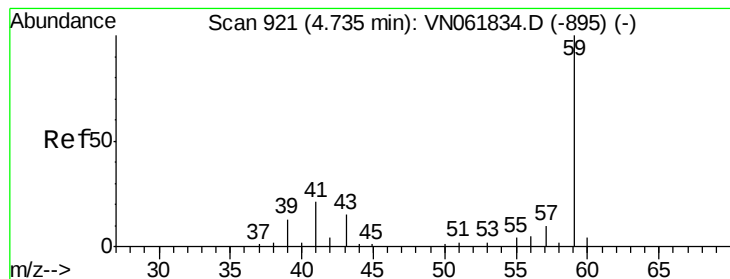


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 234.402 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

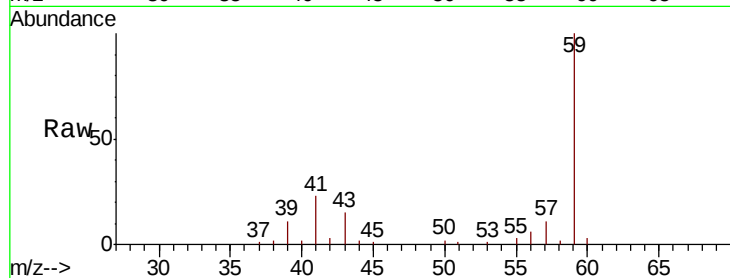
RE117D1-20200611MS

Tot Ion: 59 Resp: 65365

Ion Ratio Lower Upper

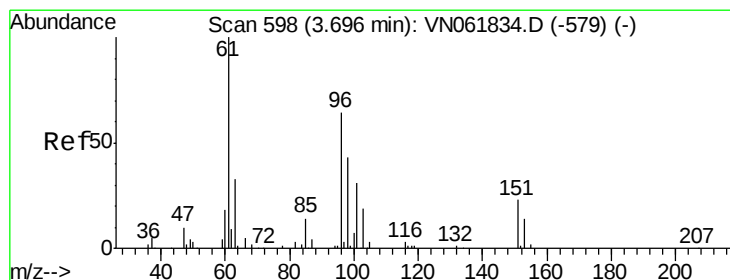
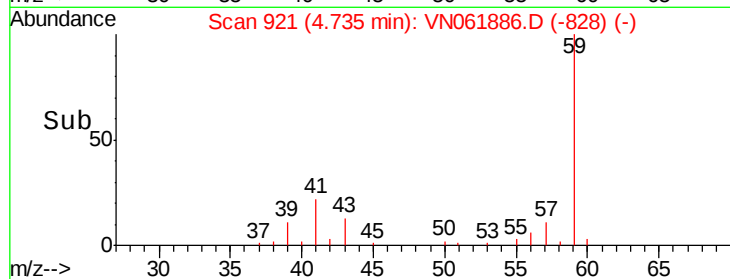
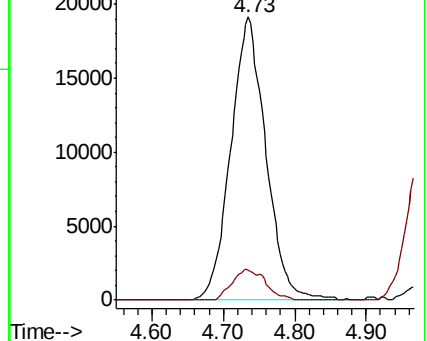
59 100

57 10.4 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 52.144 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

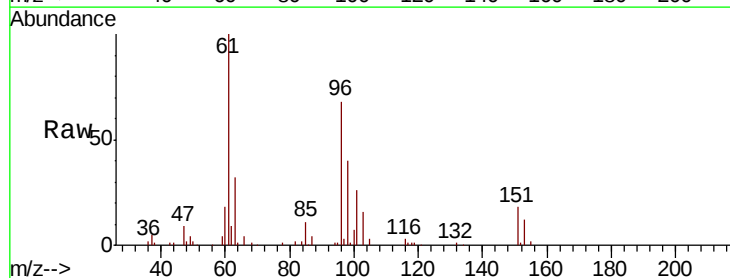
Tgt Ion: 96 Resp: 79608

Ion Ratio Lower Upper

96 100

61 147.2 124.3 186.5

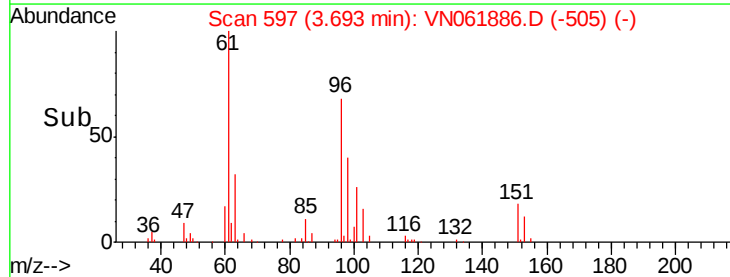
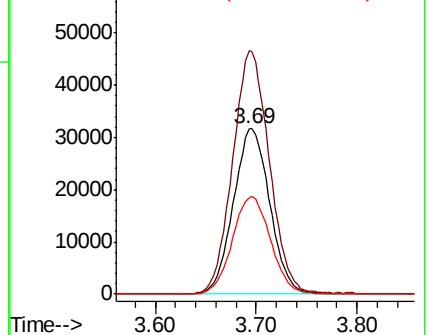
98 58.3 53.1 79.7

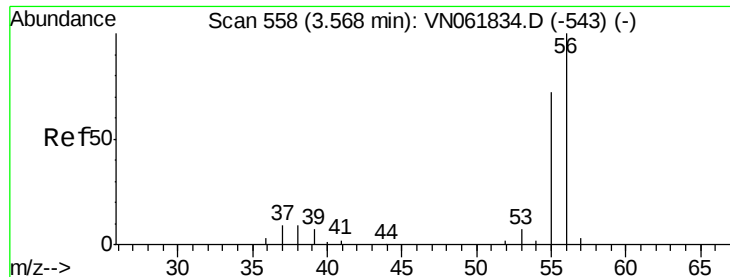


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 225.510 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

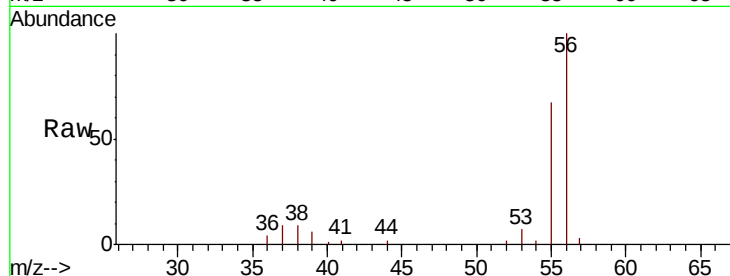
RE117D1-20200611MS

Tot Ion: 56 Resp: 37585

Ion Ratio Lower Upper

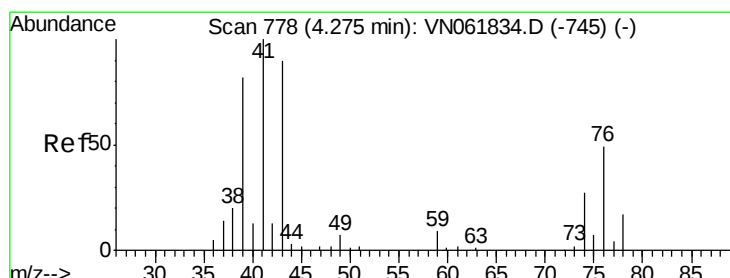
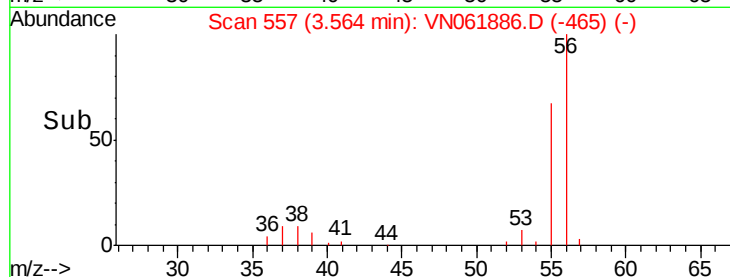
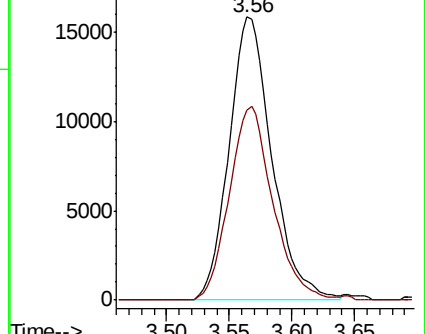
56 100

55 69.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 47.742 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

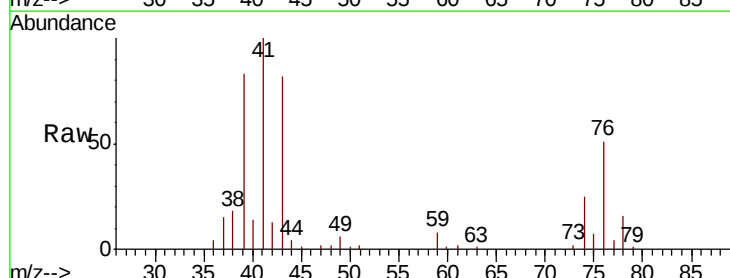
Tgt Ion: 41 Resp: 96736

Ion Ratio Lower Upper

41 100

39 76.1 60.2 90.2

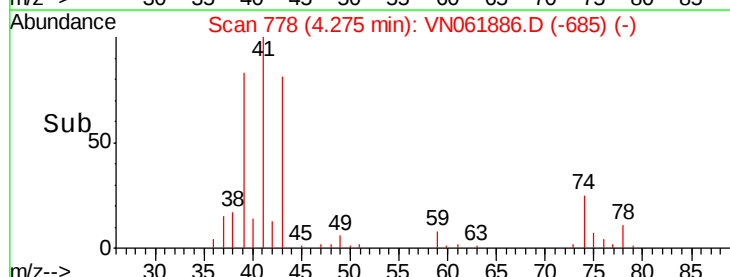
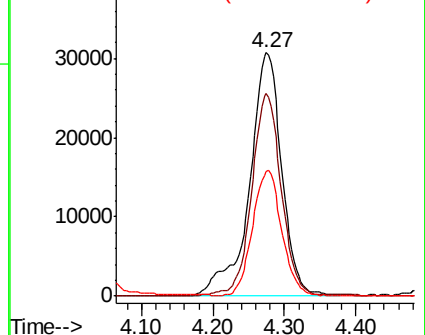
76 46.7 36.3 54.5

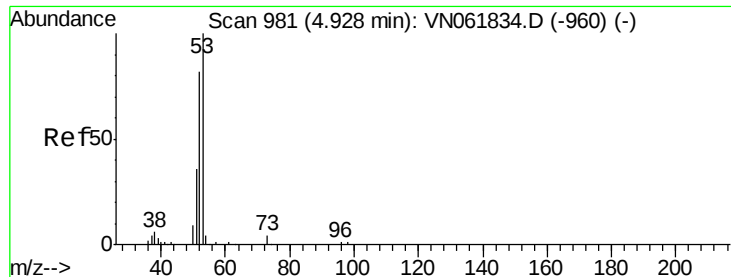


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 256.131 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

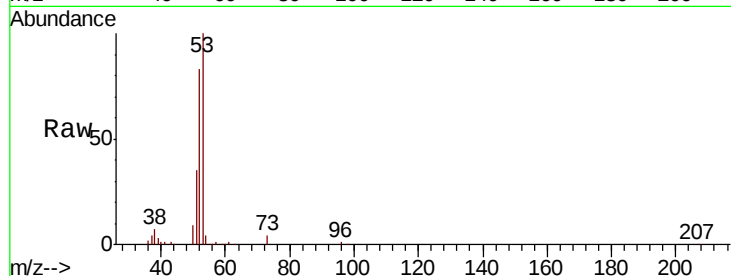
Tot Ion: 53 Resp: 176978

Ion Ratio Lower Upper

53 100

52 80.6 65.2 97.8

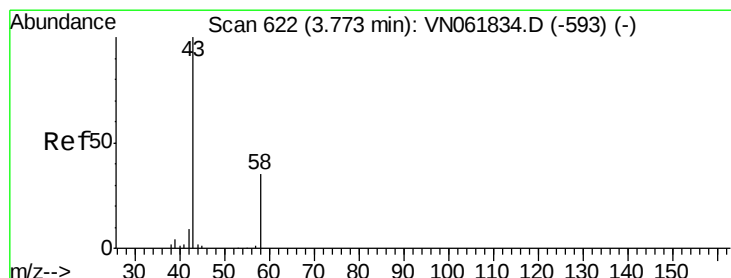
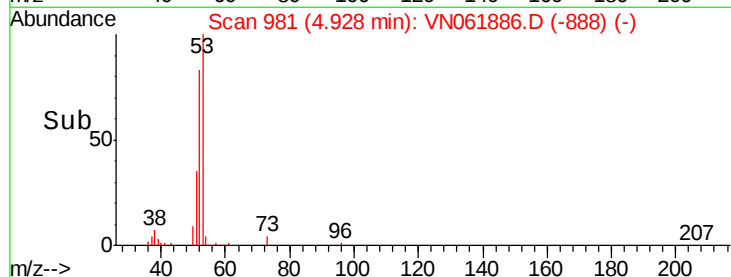
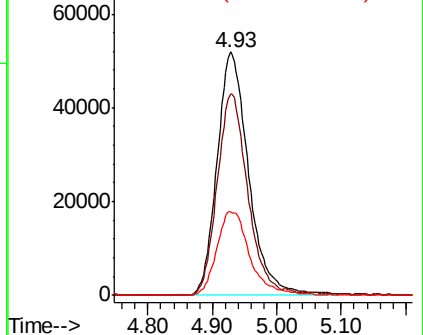
51 36.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 234.840 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061886.D

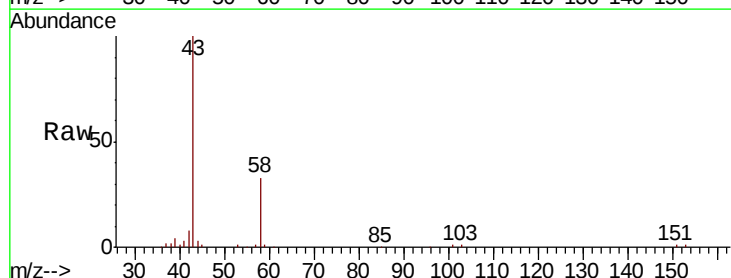
Acq: 18 Jun 2020 7:05

Tgt Ion: 43 Resp: 139787

Ion Ratio Lower Upper

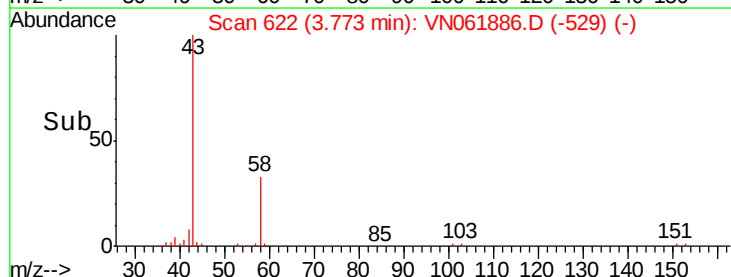
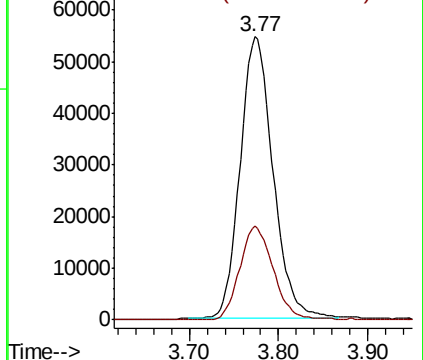
43 100

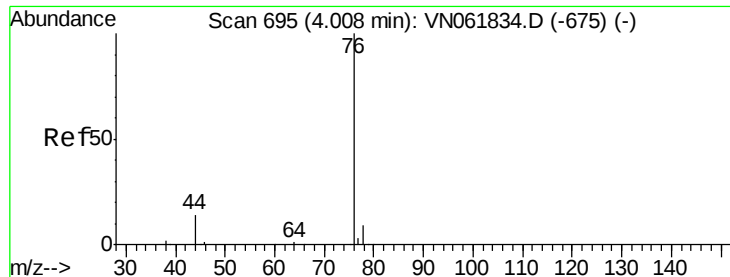
58 33.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

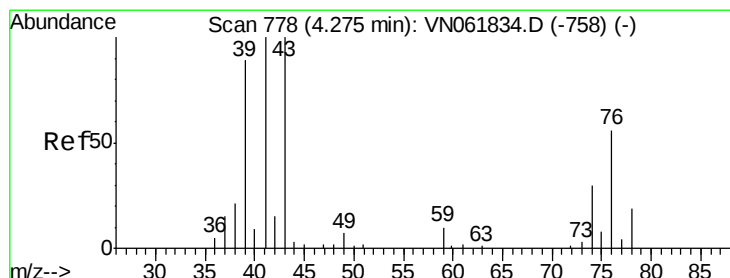
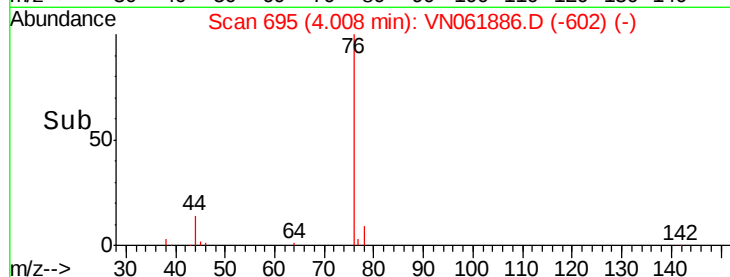
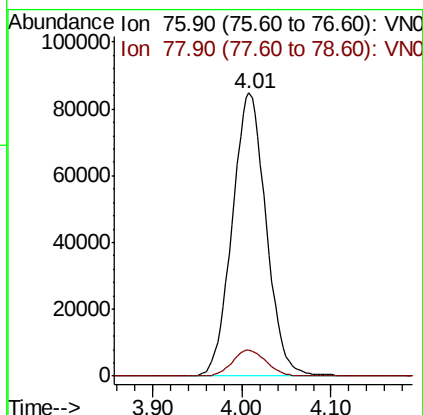
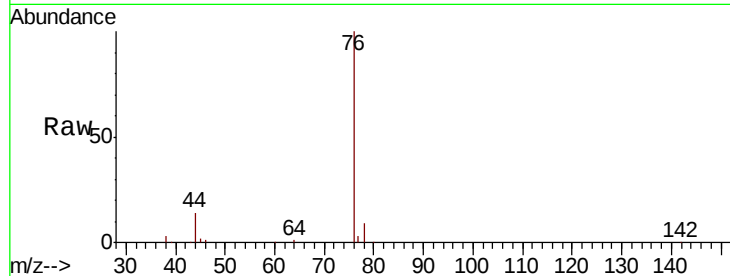




#17
Carbon Disulfide
Concen: 49.897 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

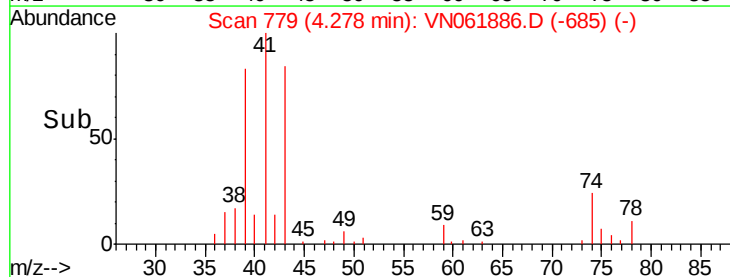
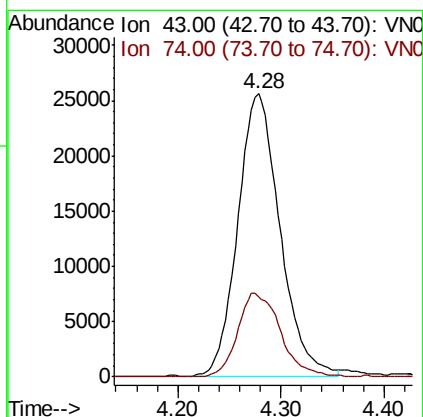
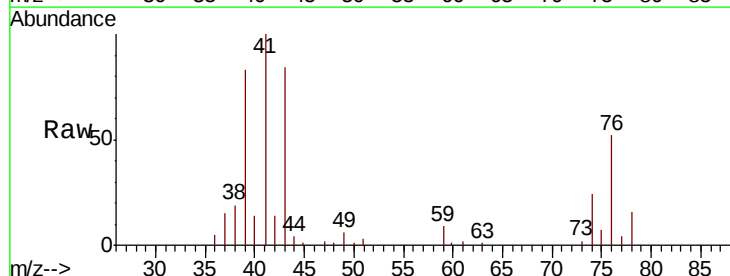
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

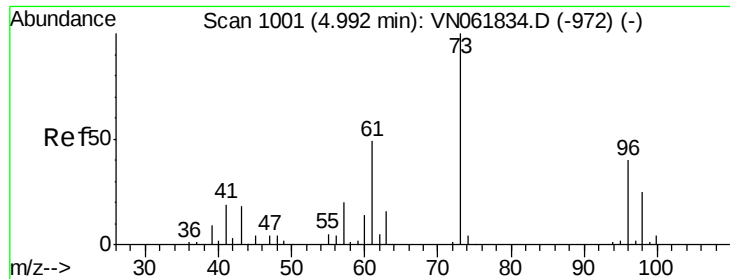
Tot Ion: 76 Resp: 222893
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 42.717 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 43 Resp: 73205
Ion Ratio Lower Upper
43 100
74 29.9 23.0 34.4

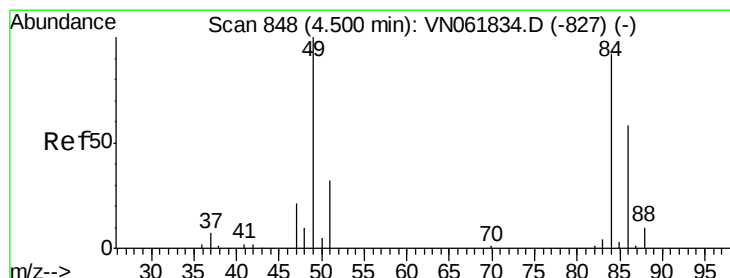
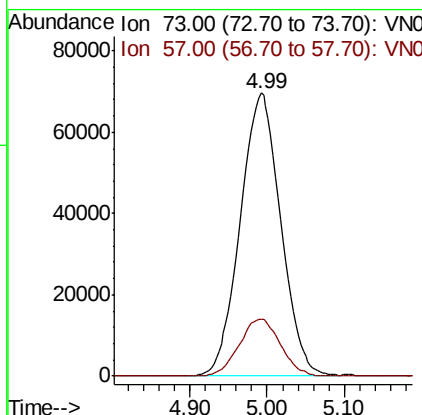
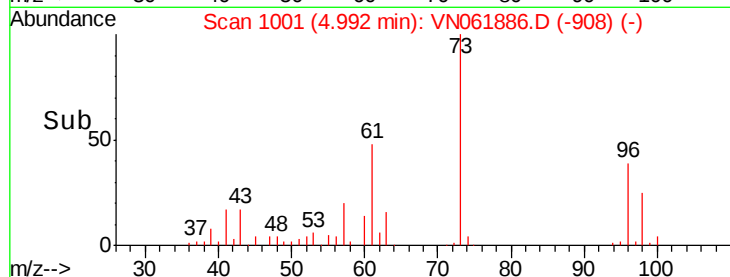
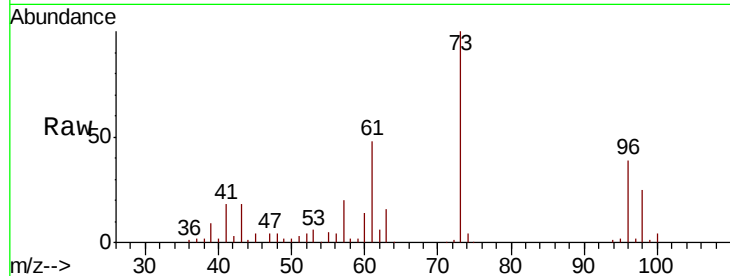




#19
Methvl tert-butvl Ether
Concen: 50.018 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

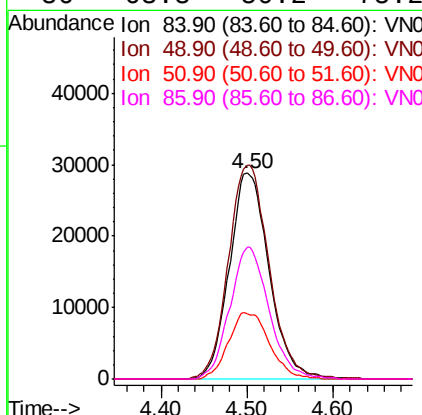
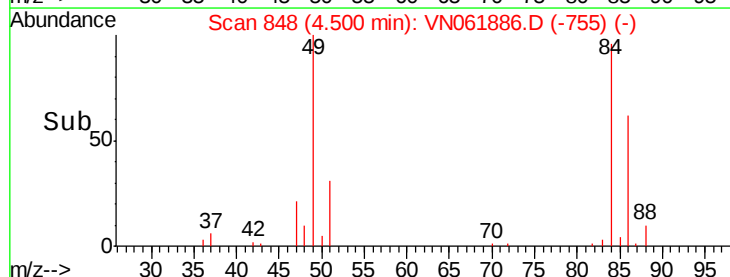
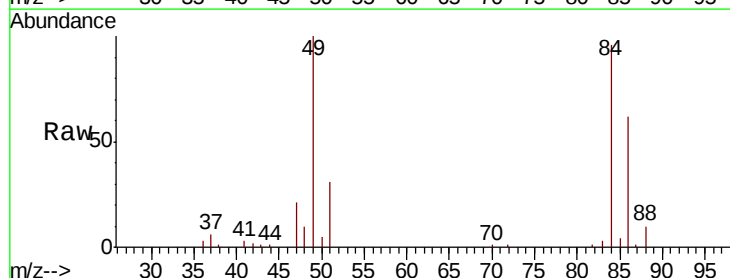
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

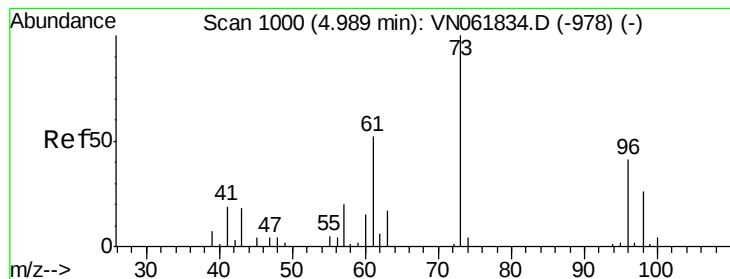
Tot Ion: 73 Resp: 254253
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4



#20
Methylene Chloride
Concen: 47.743 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 84 Resp: 92588
Ion Ratio Lower Upper
84 100
49 103.6 87.0 130.4
51 31.8 27.8 41.6
86 63.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.510 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

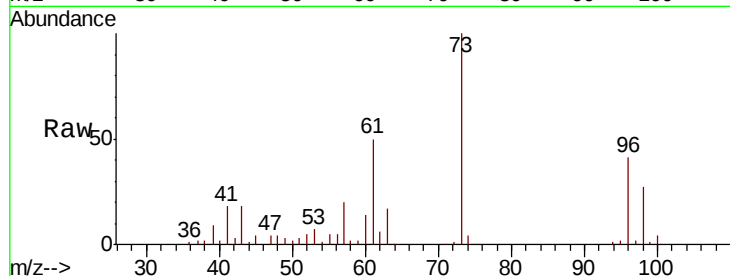
Tot Ion: 96 Resp: 88573

Ion Ratio Lower Upper

96 100

61 123.4 102.2 153.4

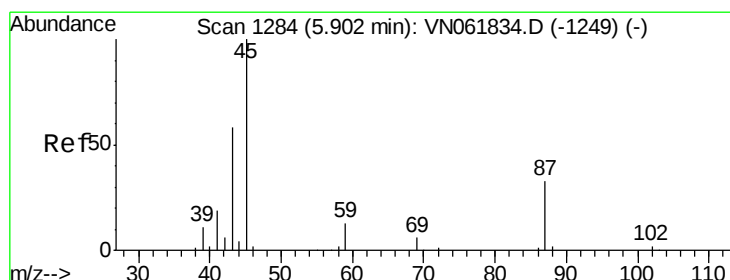
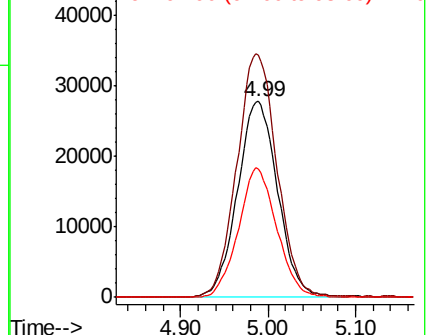
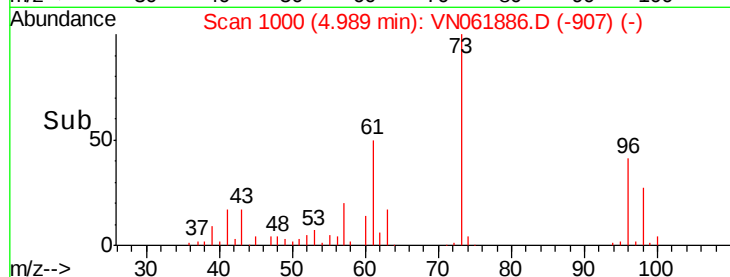
98 65.7 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061886.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061886.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061886.D (-907) (-)



#22

Diisopropyl ether

Concen: 47.798 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion: 45 Resp: 221503

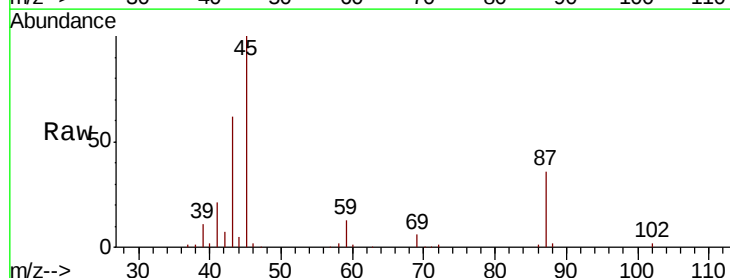
Ion Ratio Lower Upper

45 100

43 60.7 49.4 74.2

87 36.4 27.4 41.0

59 13.5 10.6 15.8

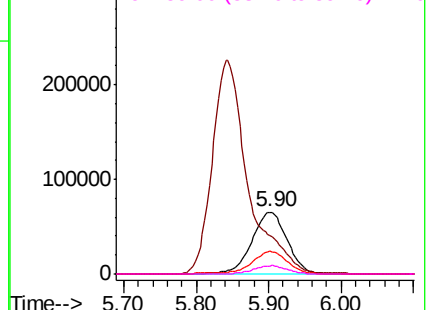
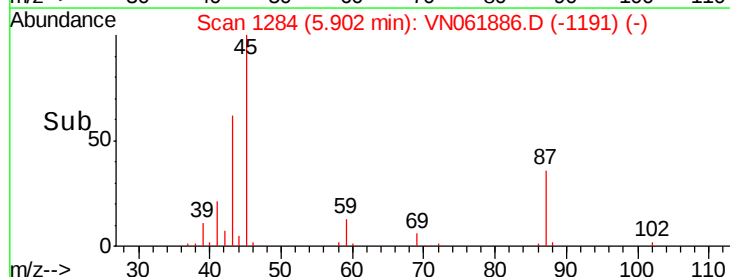


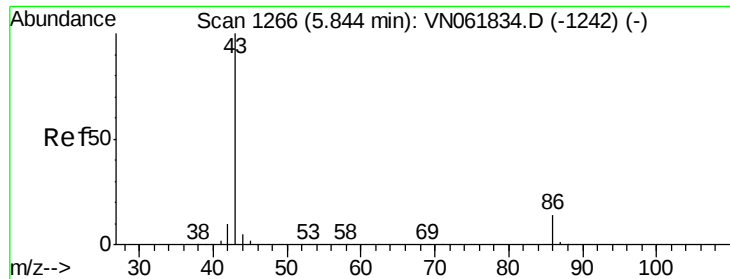
Abundance Ion 45.00 (44.70 to 45.70): VN061886.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061886.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061886.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061886.D (-1191) (-)

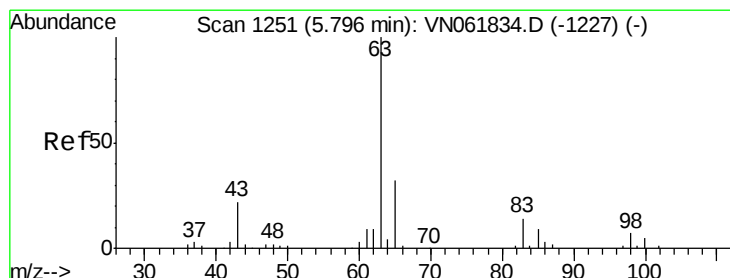
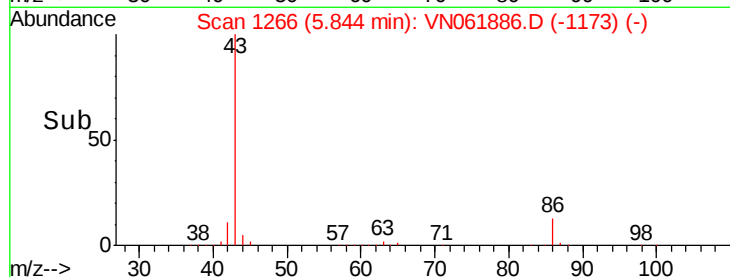
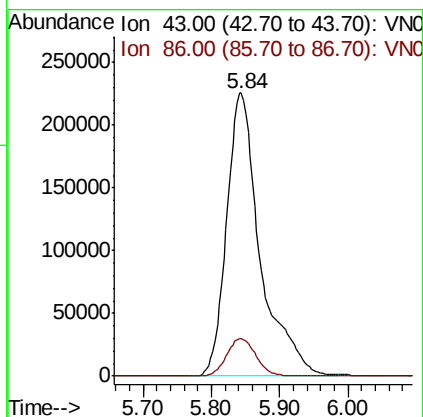
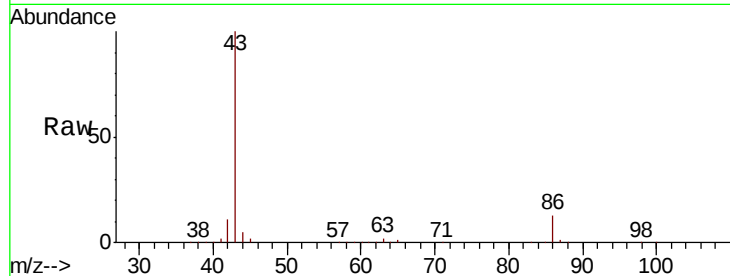




#23
 Vinyl Acetate
 Concen: 211.863 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

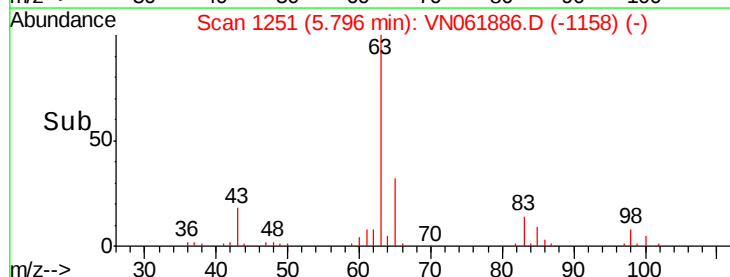
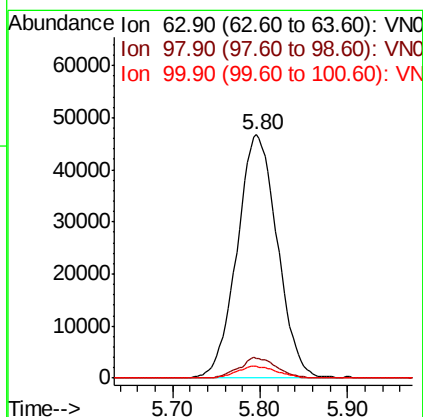
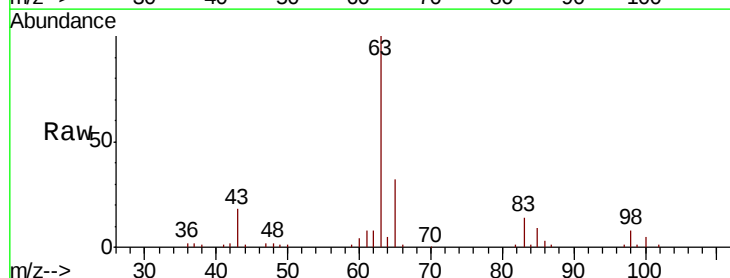
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

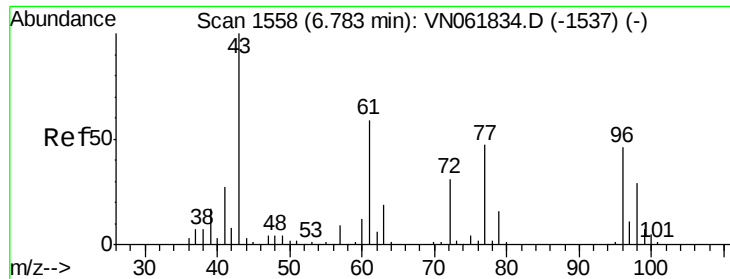
Tot Ion: 43 Resp: 772186
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 49.165 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 63 Resp: 149146
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 4.7 2.5 7.4

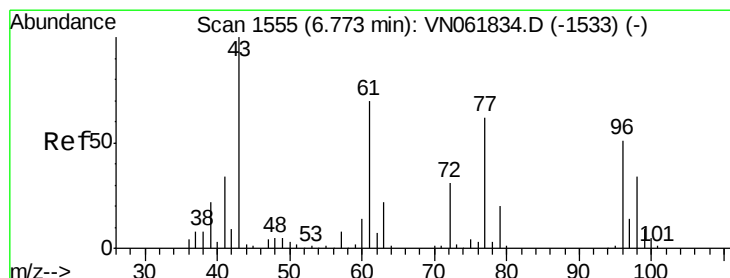
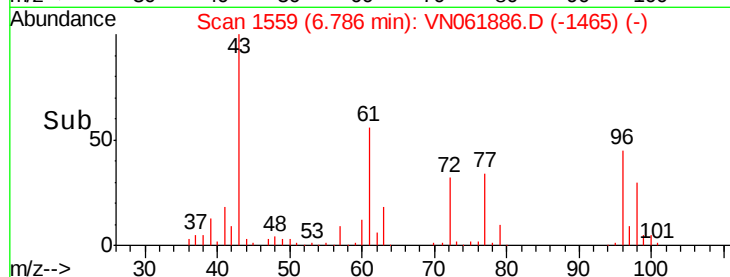
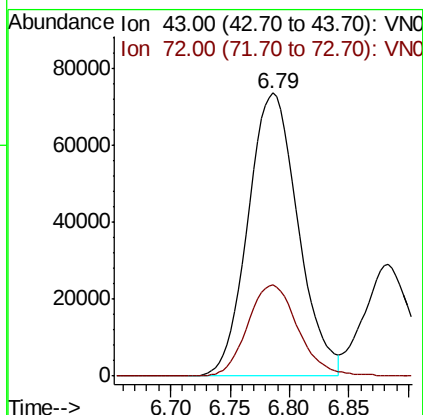
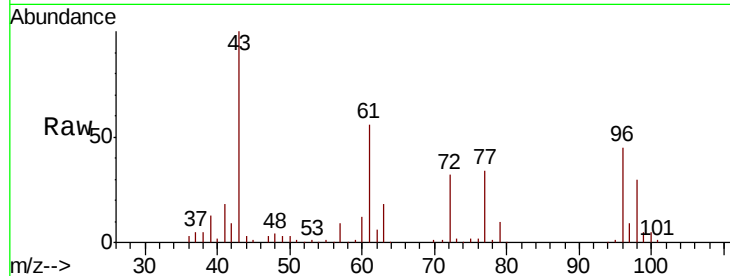




#25
2-Butanone
Concen: 247.221 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

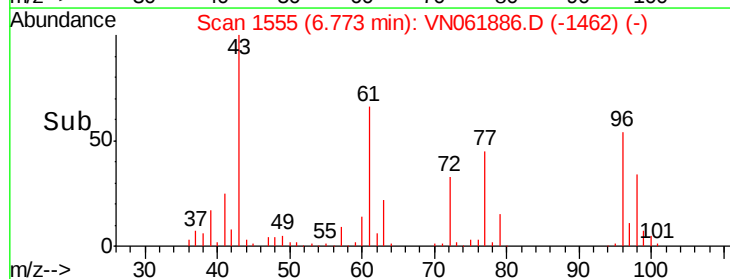
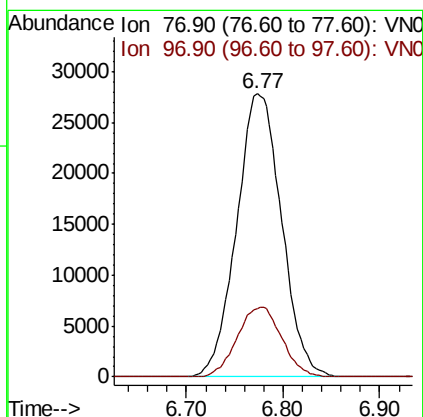
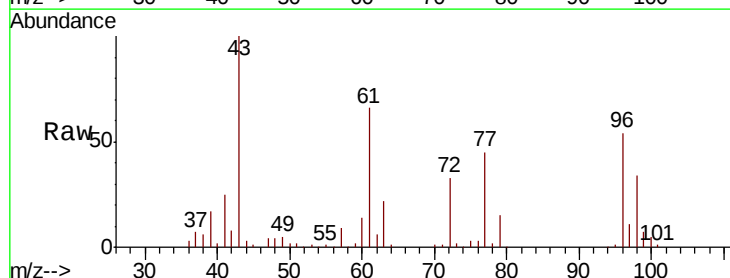
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

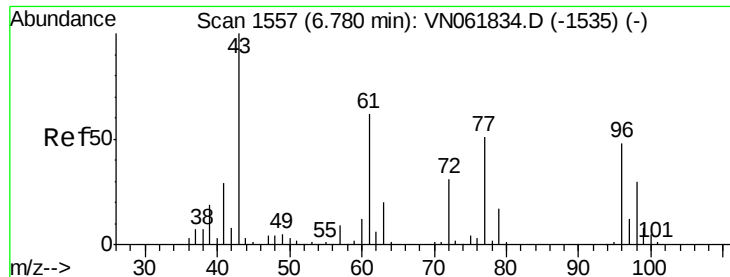
Tot Ion: 43 Resp: 214702
Ion Ratio Lower Upper
43 100
72 32.1 24.6 37.0



#26
2,2-Dichloropropane
Concen: 35.165 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 77 Resp: 89748
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.146 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

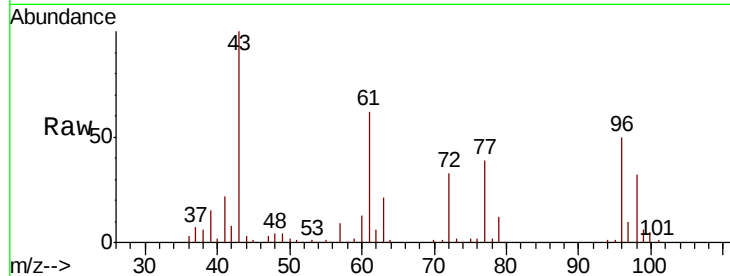
Tot Ion: 96 Resp: 101463

Ion Ratio Lower Upper

96 100

61 124.9 0.0 265.6

98 64.1 0.0 128.2

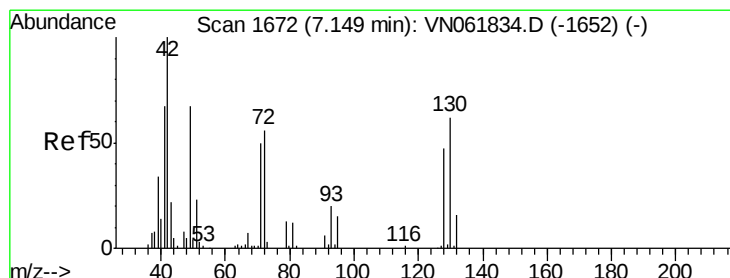
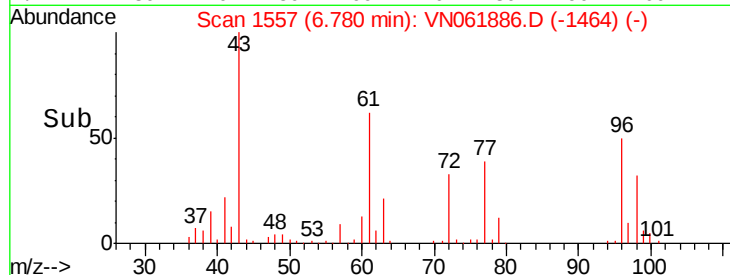
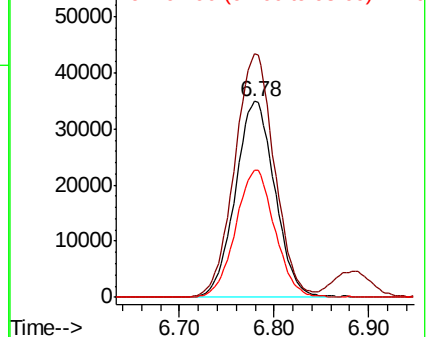


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 46.946 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

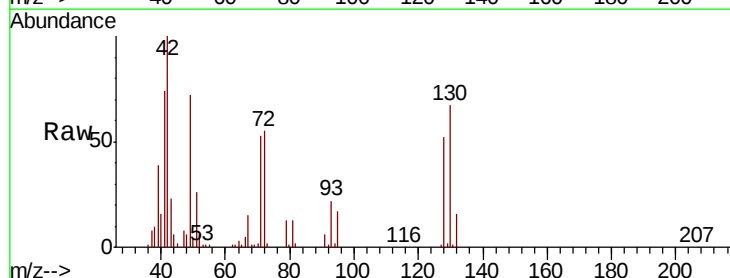
Tgt Ion: 49 Resp: 63409

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 93.7 72.2 108.2

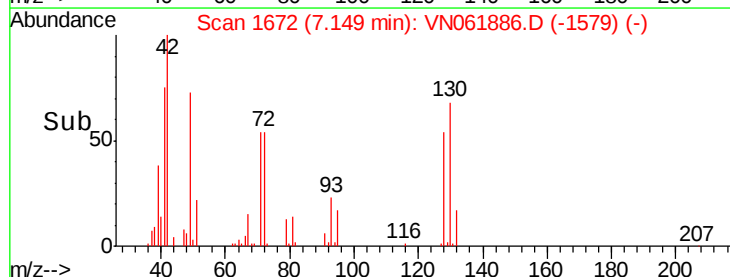
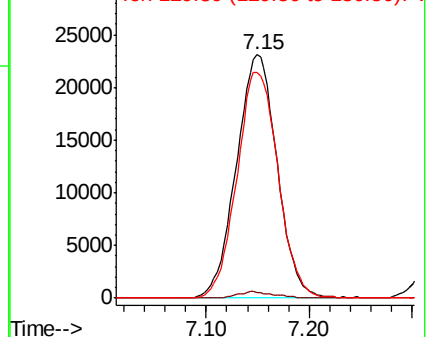


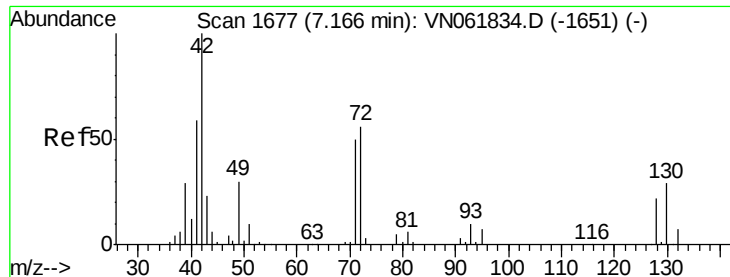
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

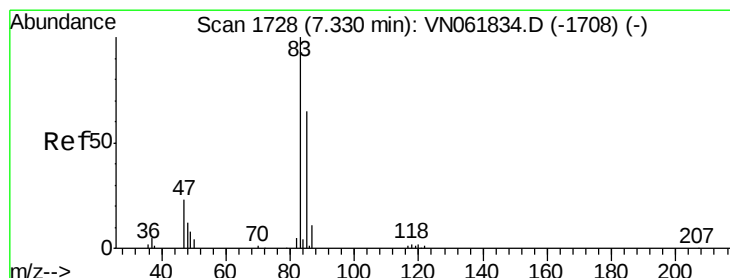
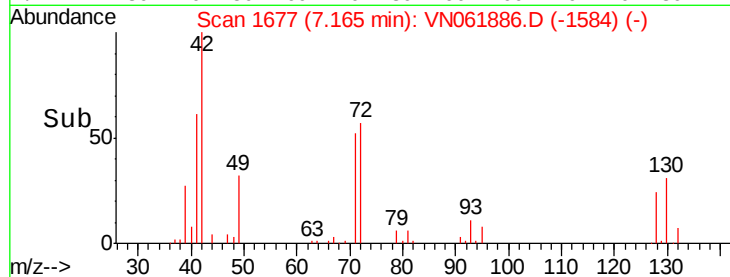
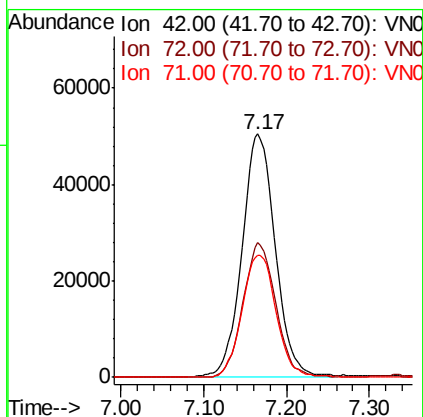
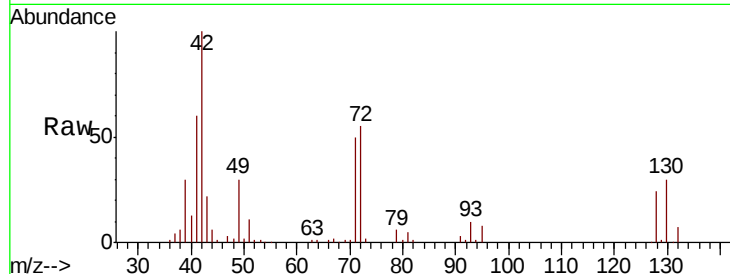




#29
Tetrahydrofuran
Concen: 247.473 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

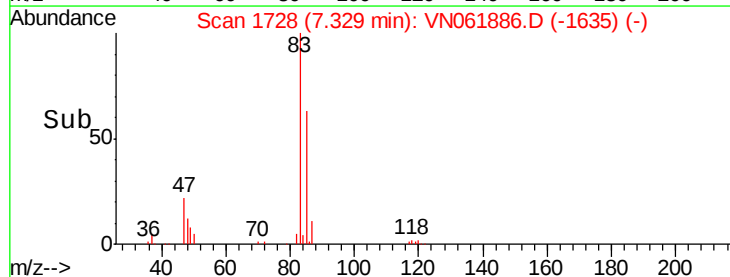
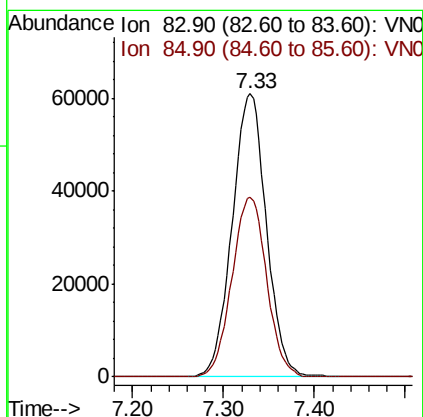
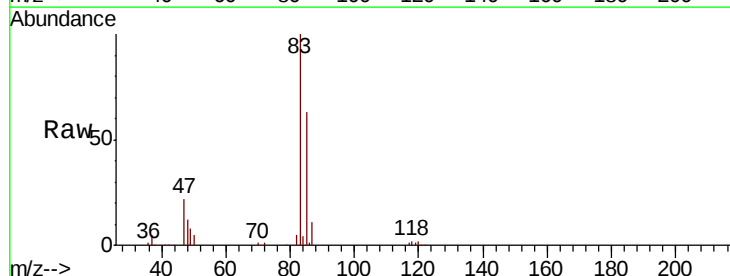
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

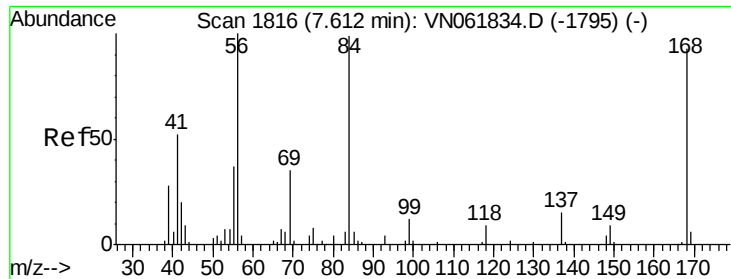
Tot Ion: 42 Resp: 141441
Ion Ratio Lower Upper
42 100
72 54.4 44.0 66.0
71 51.2 40.0 60.0



#30
Chloroform
Concen: 49.098 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 83 Resp: 159181
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0

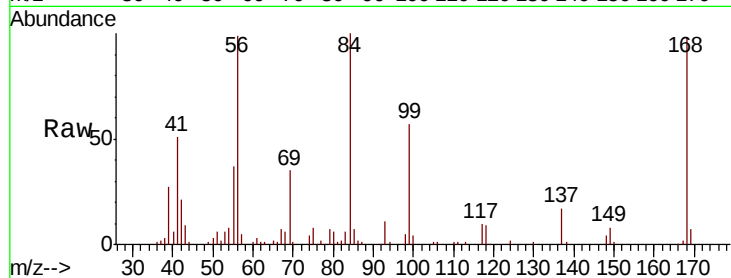




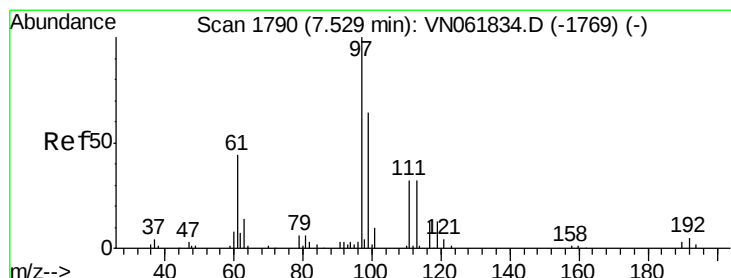
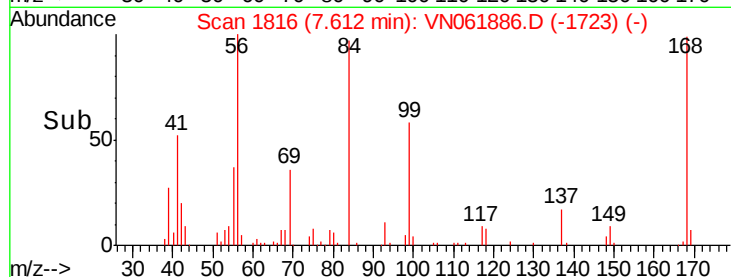
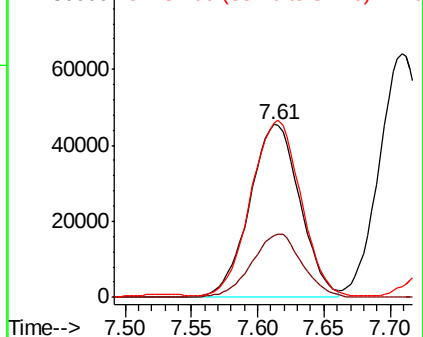
#31
Cyclohexane
Concen: 45.464 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion: 56 Resp: 120735
Ion Ratio Lower Upper
56 100
69 35.7 27.7 41.5
84 100.2 79.1 118.7

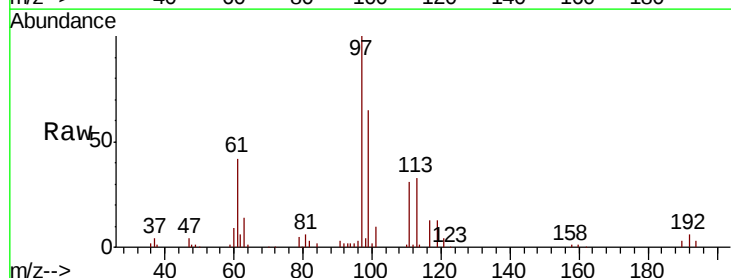


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

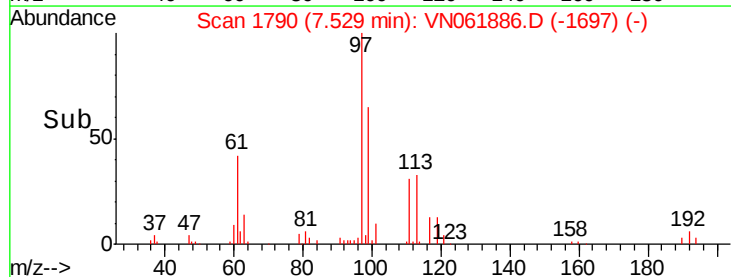
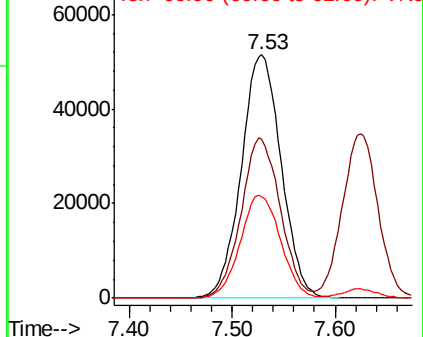


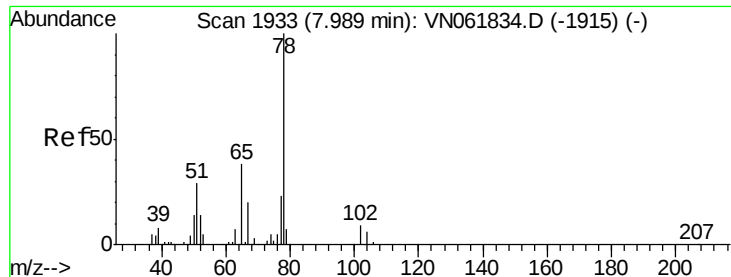
#32
1,1,1-Trichloroethane
Concen: 50.170 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 97 Resp: 138524
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 42.9 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

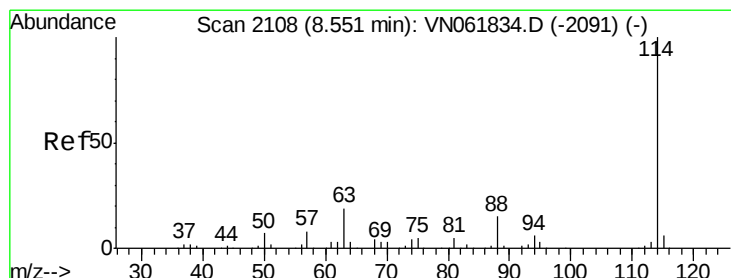
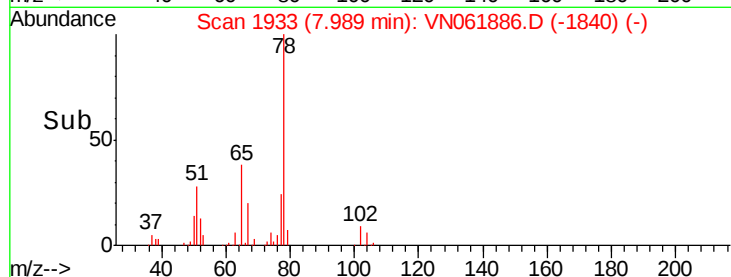
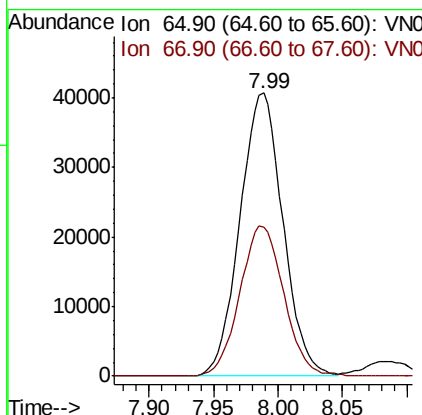
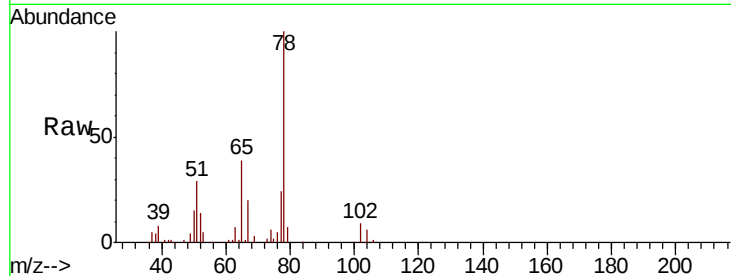




#33
 1,2-Dichloroethane-d4
 Concen: 46.970 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

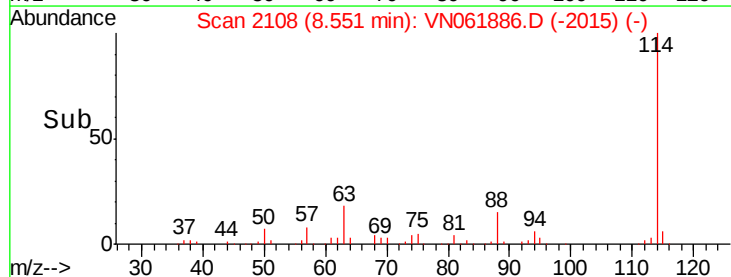
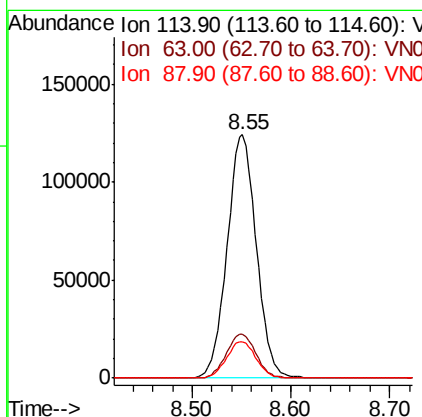
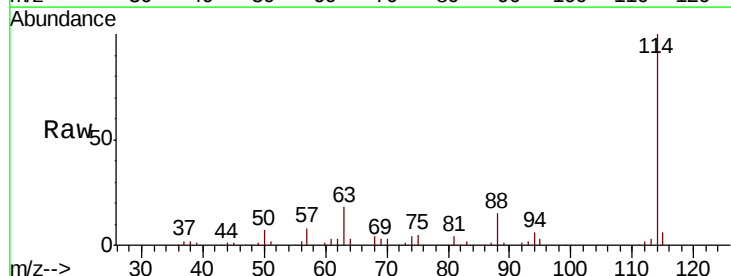
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

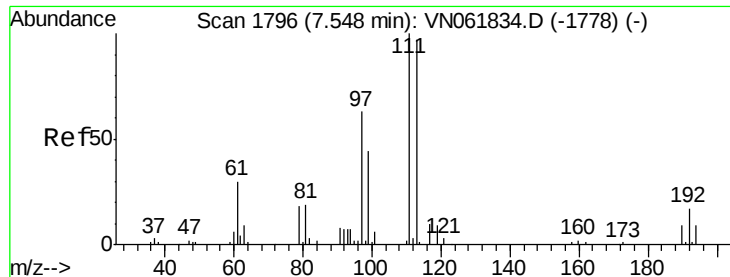
Tot Ion: 65 Resp: 94652
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 114 Resp: 256910
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.1 0.0 31.0

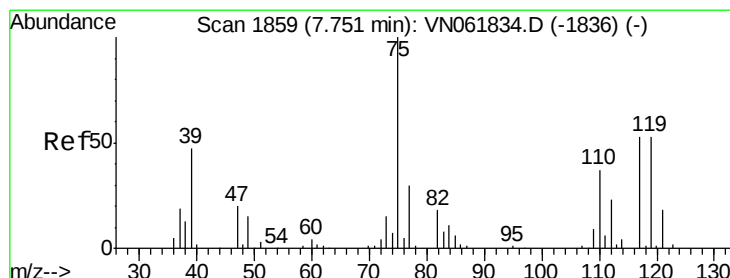
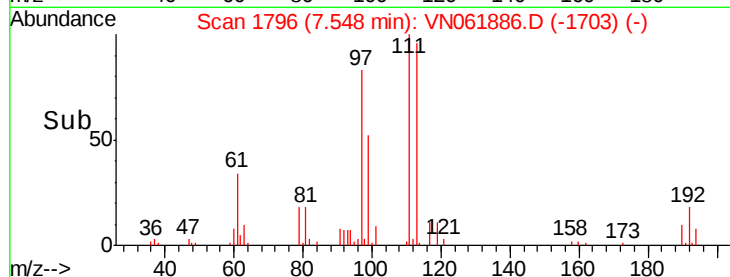
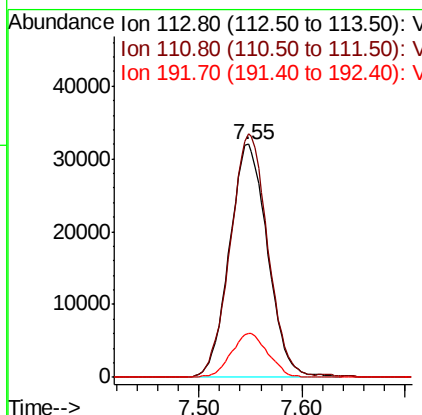
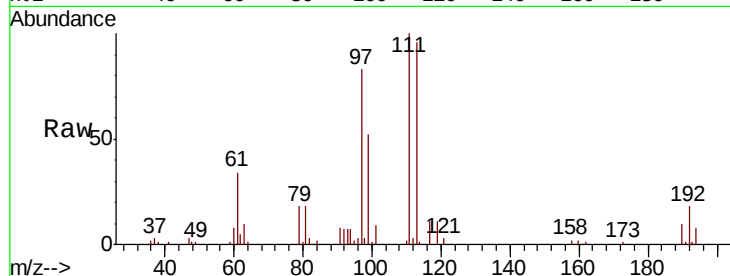




#35
 Dibromofluoromethane
 Concen: 50.037 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

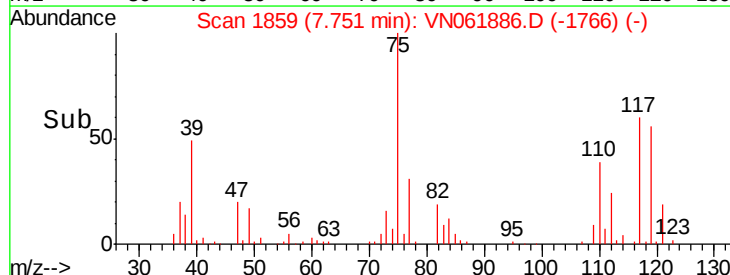
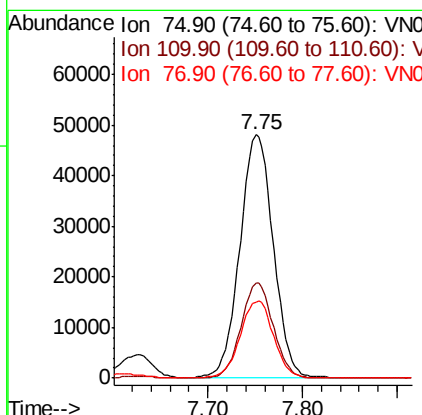
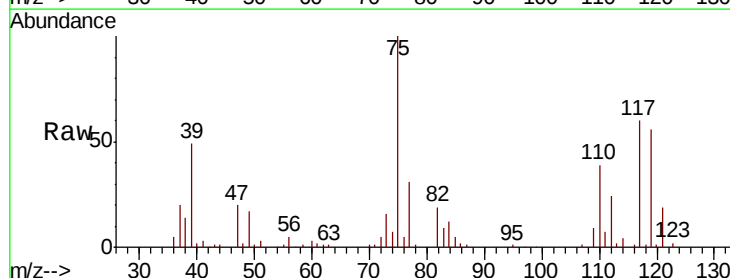
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

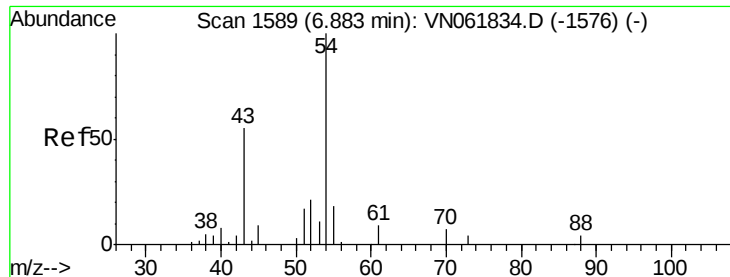
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.7	125.5
192	18.2	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 50.482 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.2	54.6
77	31.6	24.2	36.4

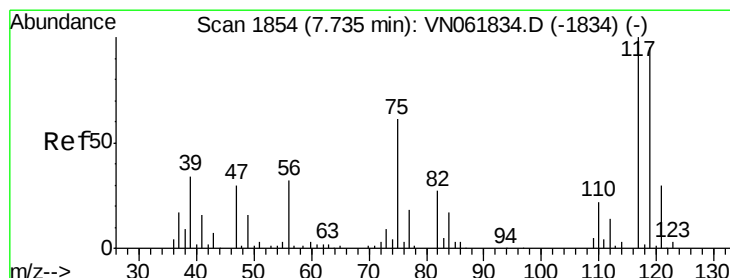
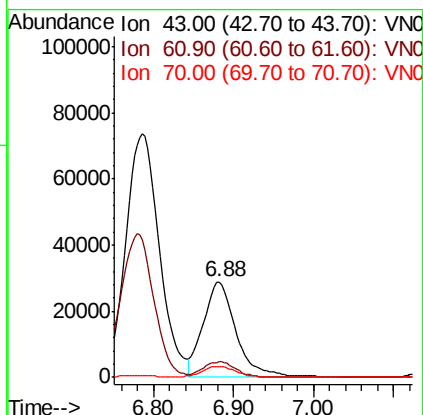
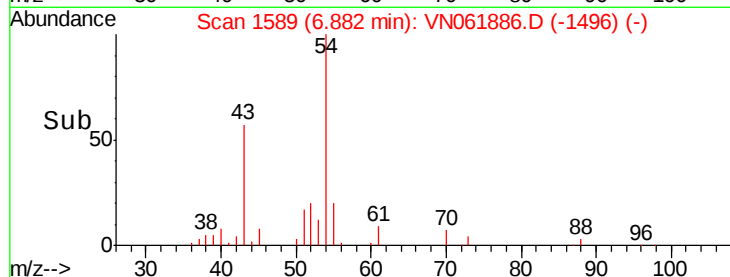
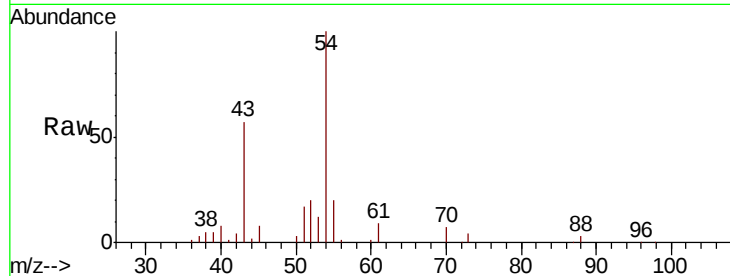




#37
Ethyl Acetate
Concen: 44.556 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

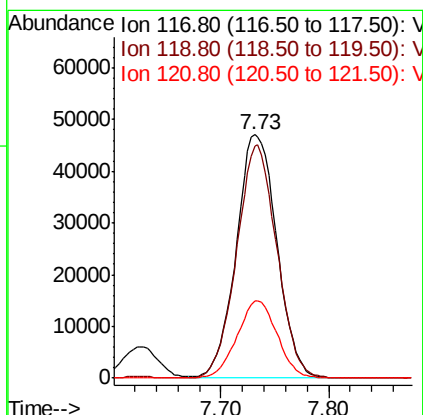
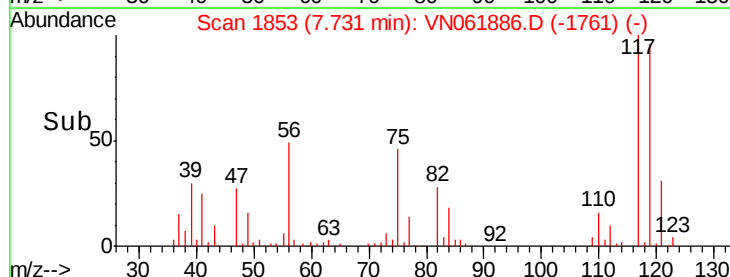
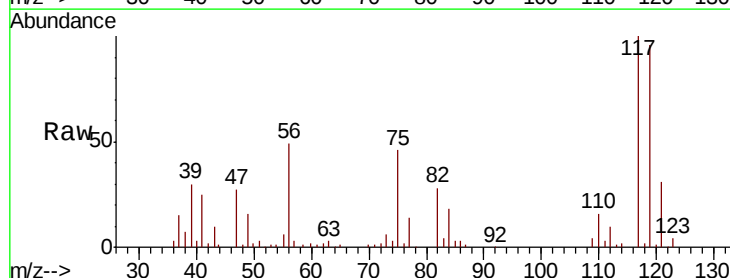
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

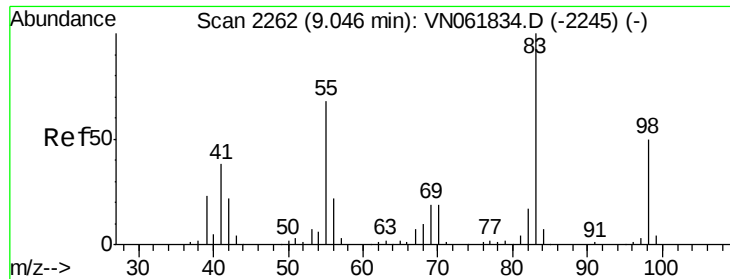
Tot Ion: 43 Resp: 81532
Ion Ratio Lower Upper
43 100
61 15.7 13.0 19.4
70 12.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 53.212 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 117 Resp: 123481
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 31.5 23.8 35.6

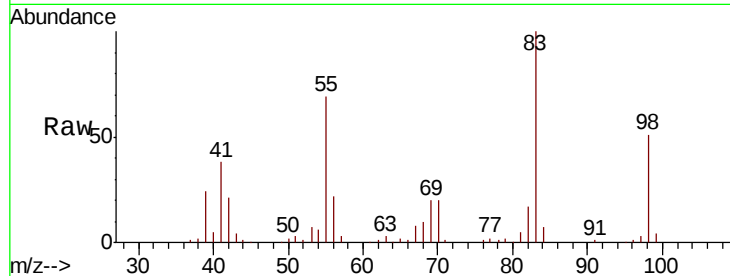




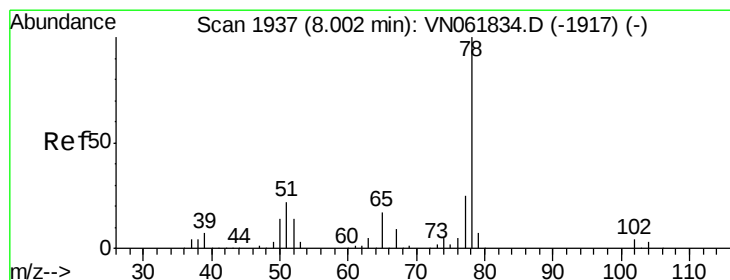
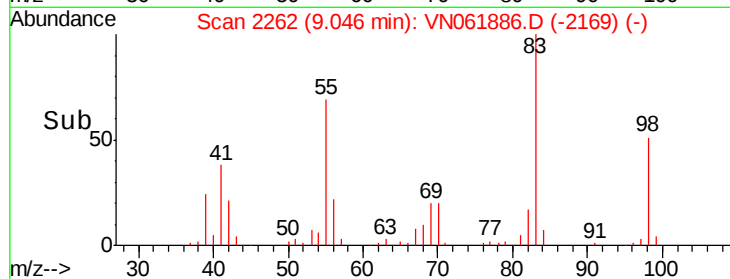
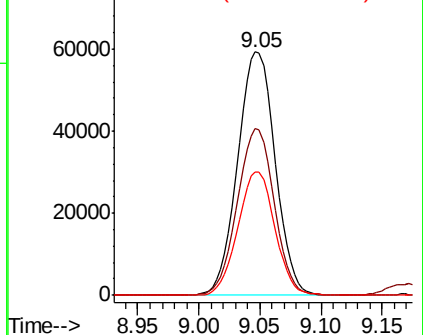
#39
Methvlcvclohexane
Concen: 50.050 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion: 83 Resp: 126289
Ion Ratio Lower Upper
83 100
55 68.7 54.2 81.4
98 50.8 39.8 59.6

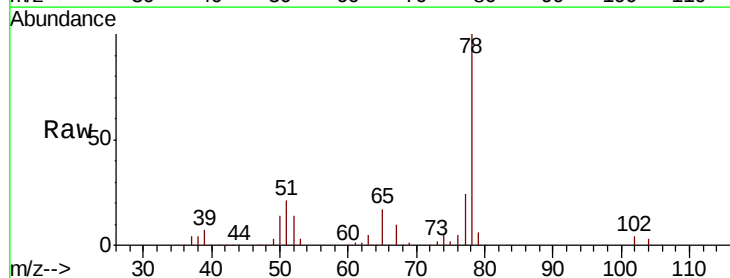


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

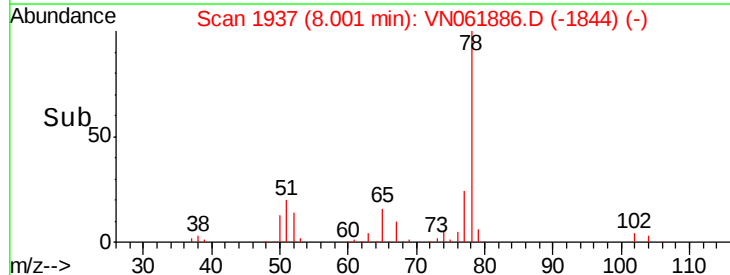
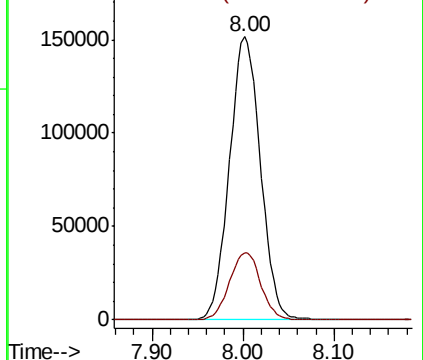


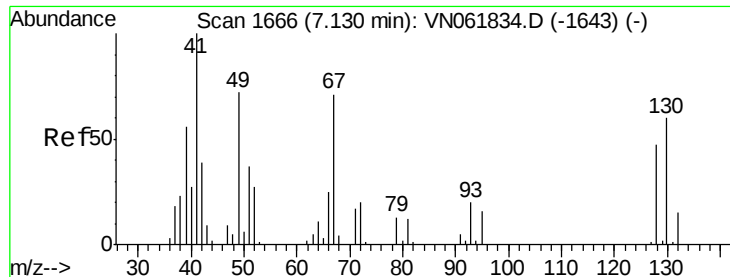
#40
Benzene
Concen: 50.642 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 78 Resp: 359479
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

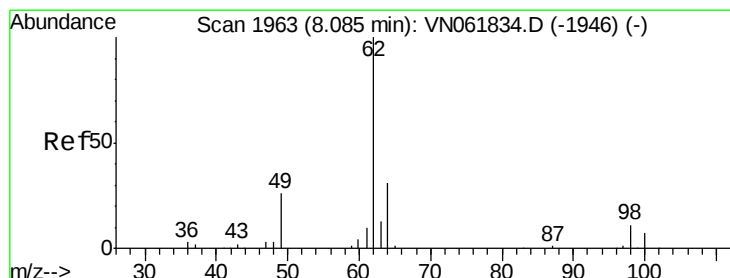
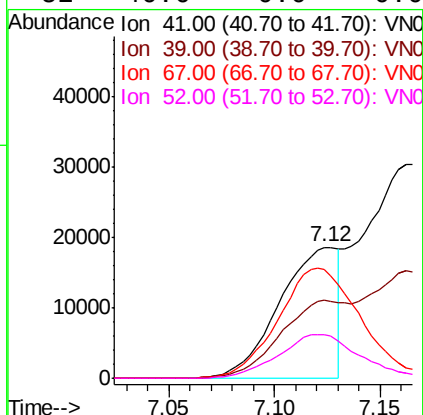
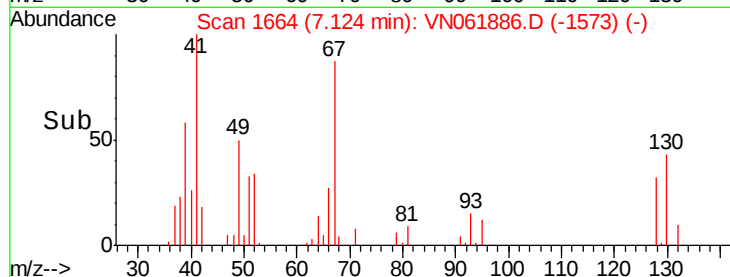
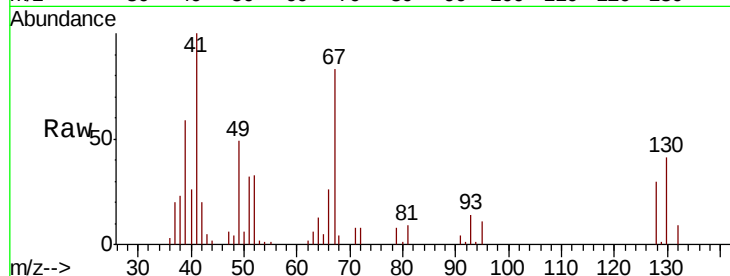




#41
Methacrylonitrile
Concen: 46.048 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

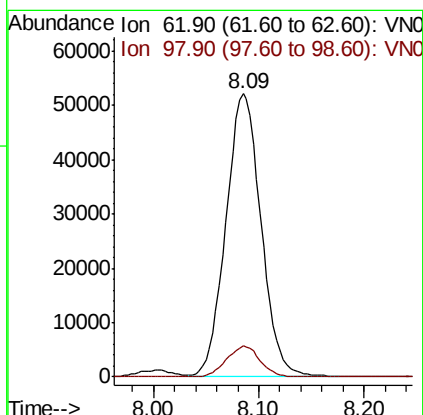
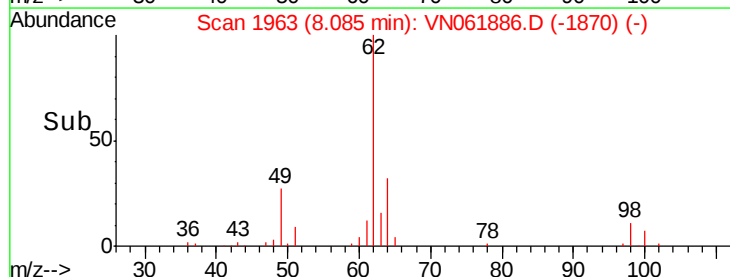
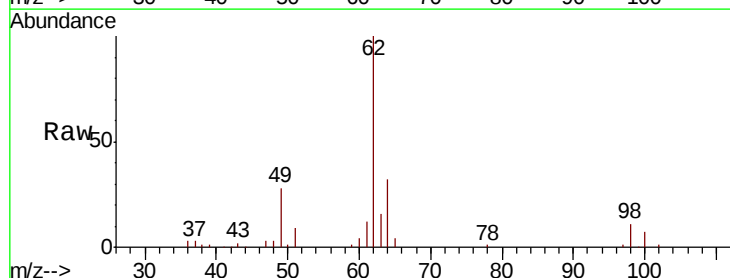
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

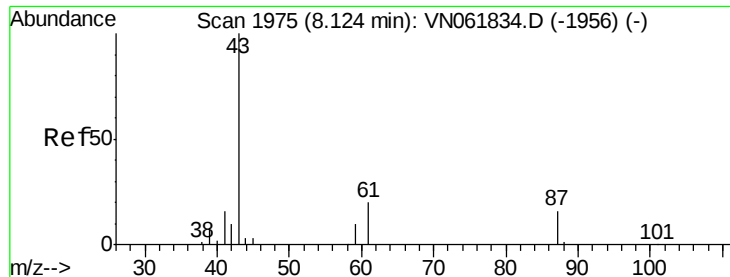
Tot Ion:	41	Resp:	36032
Ion	Ratio	Lower	Upper
41	100		
39	69.4	0.0	0.0#
67	119.1	0.0	0.0#
52	46.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.426 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:	62	Resp:	119629
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 45.516 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

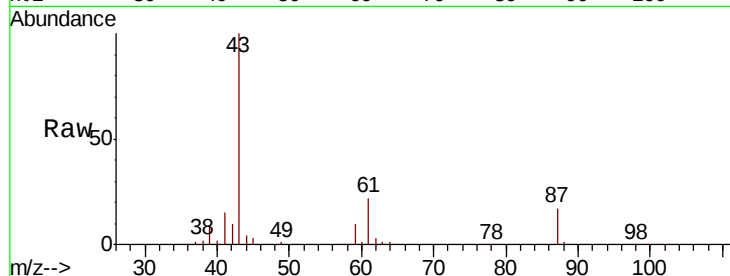
Tot Ion: 43 Resp: 140364

Ion Ratio Lower Upper

43 100

61 23.0 24.0 36.0#

87 17.2 12.5 18.7

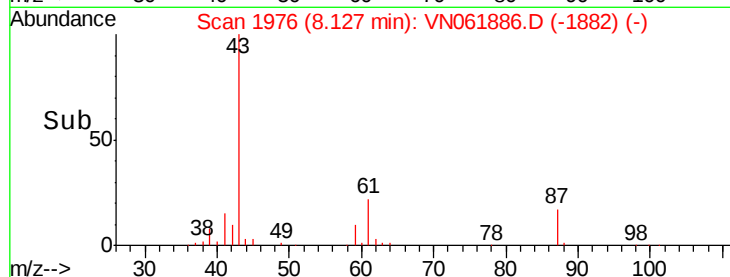


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

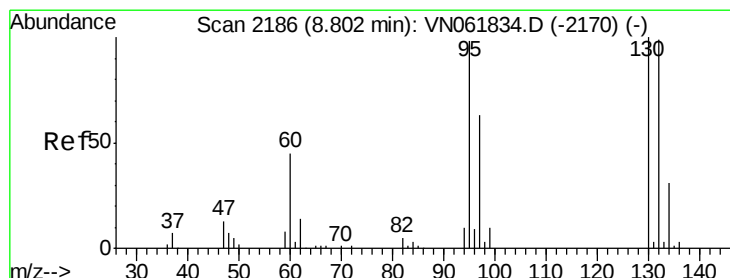
Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

8.13



8.13

Time-->



#44

Trichloroethene

Concen: 127.493 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061886.D

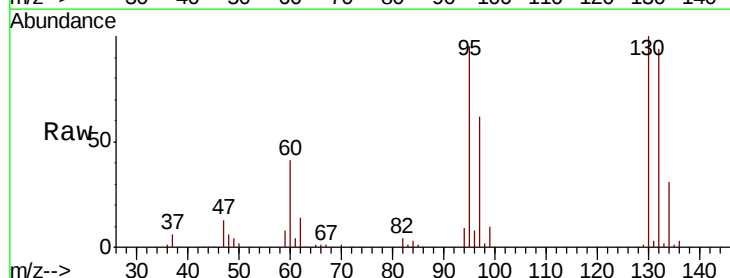
Acq: 18 Jun 2020 7:05

Tgt Ion:130 Resp: 238173

Ion Ratio Lower Upper

130 100

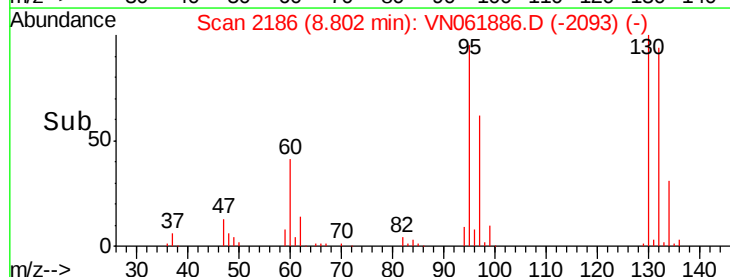
95 94.9 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

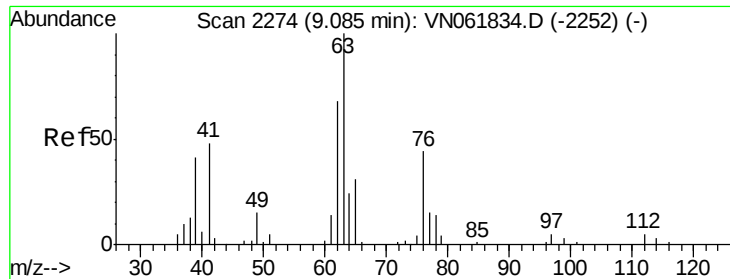
Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80



8.80

Time-->



#45

1,2-Dichloropropane

Concen: 51.000 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

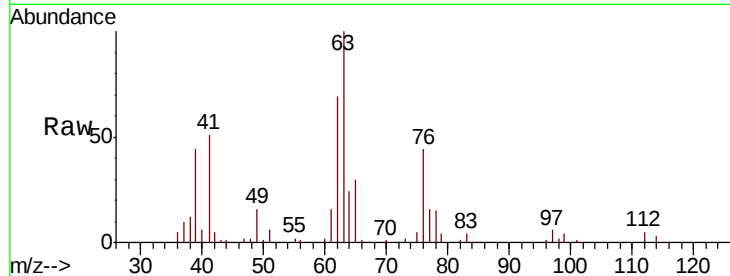
RE117D1-20200611MS

Tot Ion: 63 Resp: 88966

Ion Ratio Lower Upper

63 100

65 30.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061886.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN061886.D (-2181) (-)

9.08

40000

30000

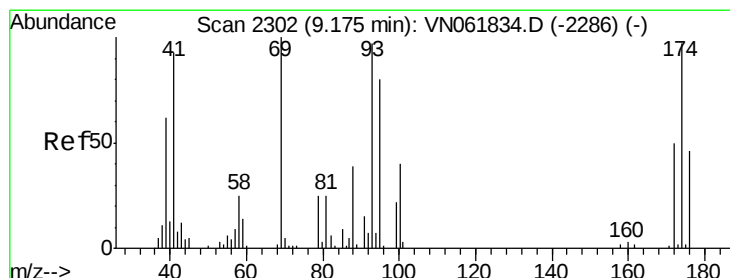
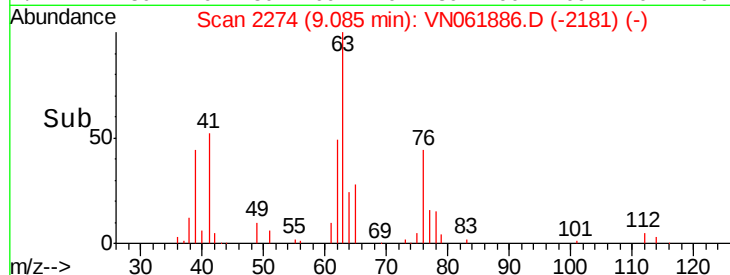
20000

10000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 50.267 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

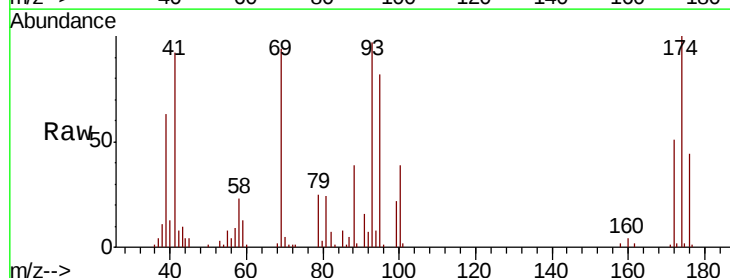
Tgt Ion: 93 Resp: 61749

Ion Ratio Lower Upper

93 100

95 84.9 65.8 98.6

174 101.2 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN061886.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN061886.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN061886.D (-2209) (-)

9.18

40000

30000

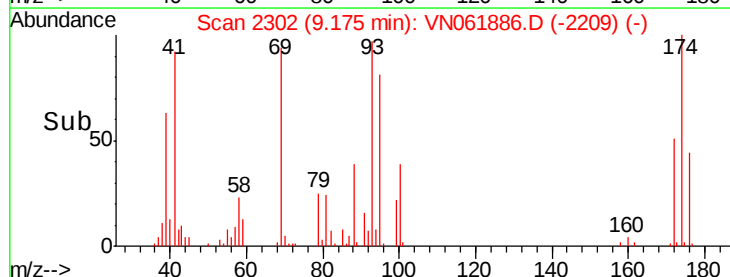
20000

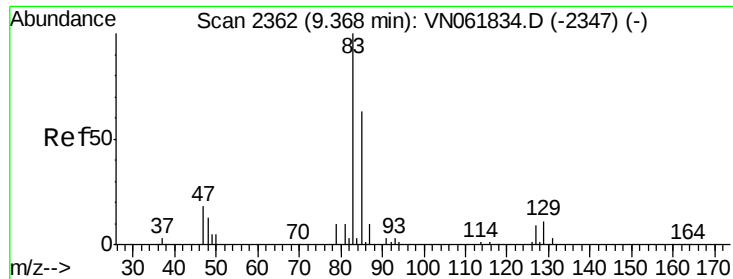
10000

0

9.10 9.15 9.20 9.25

Time-->

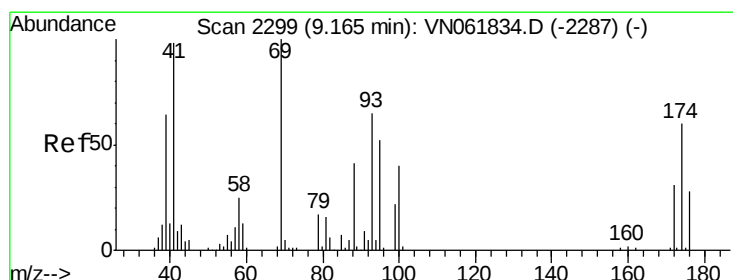
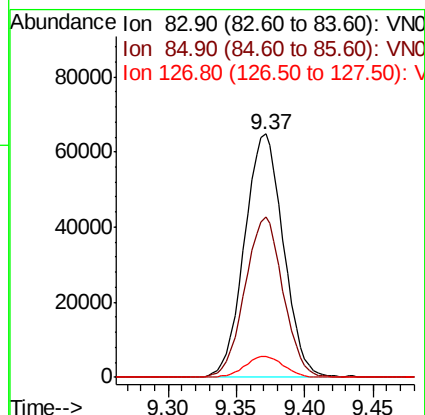
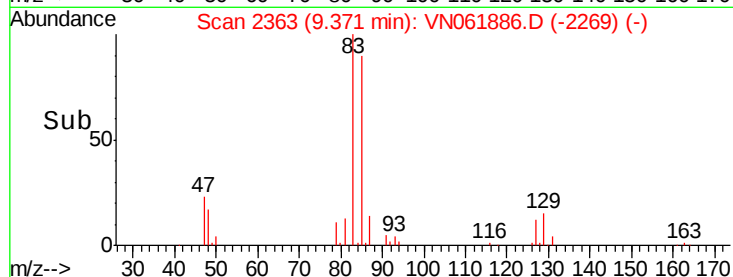
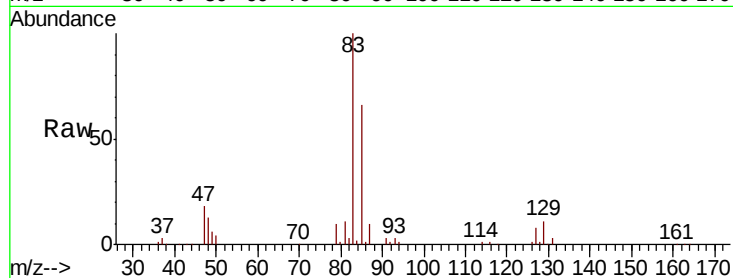




#47
Bromodichloromethane
Concen: 50.899 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

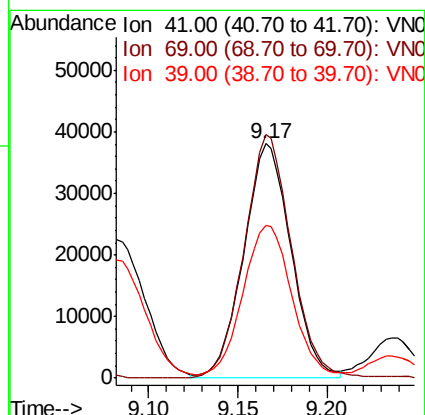
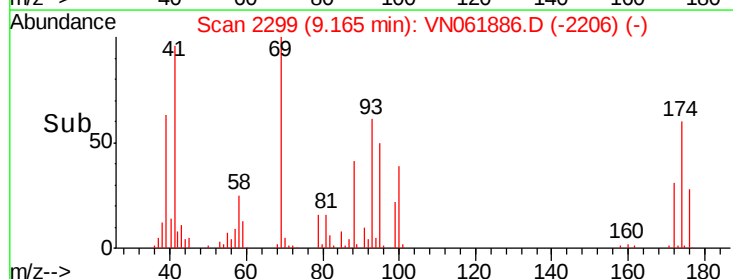
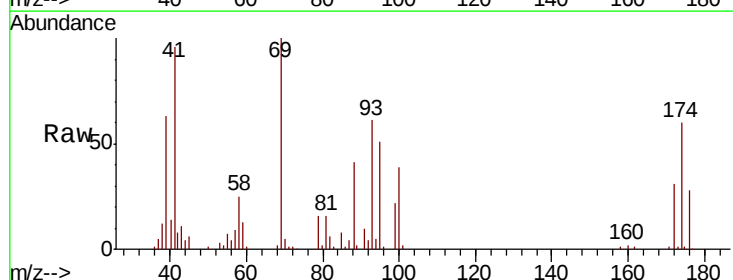
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

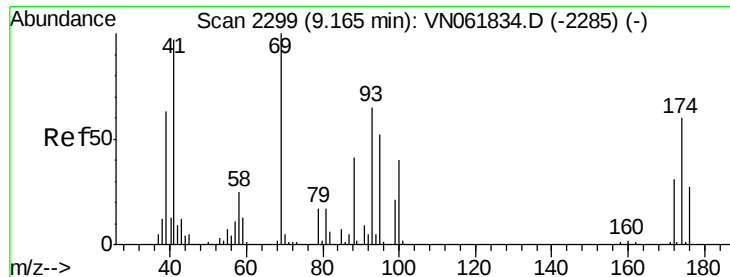
Tot Ion: 83 Resp: 128029
Ion Ratio Lower Upper
83 100
85 65.9 50.8 76.2
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 50.432 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 41 Resp: 70725
Ion Ratio Lower Upper
41 100
69 103.8 83.0 124.4
39 67.9 55.1 82.7





#49

1,4-Dioxane

Concen: 1013.124 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

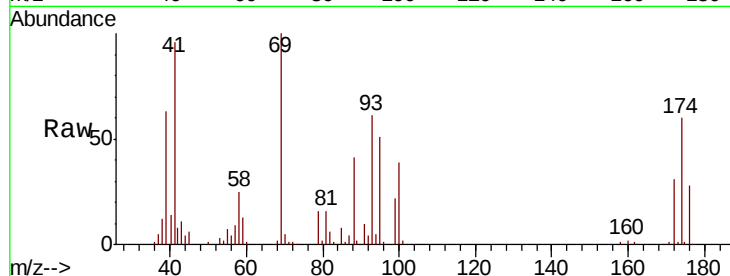
Tot Ion: 88 Resp: 32620

Ion Ratio Lower Upper

88 100

43 28.4 23.4 35.2

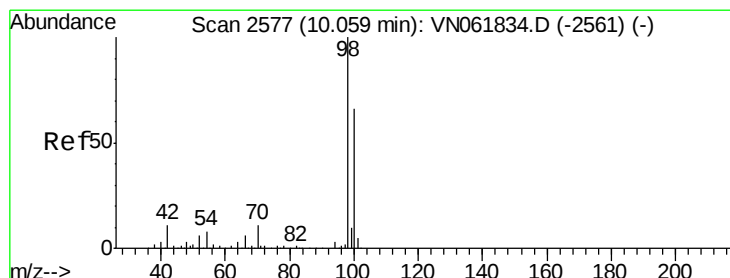
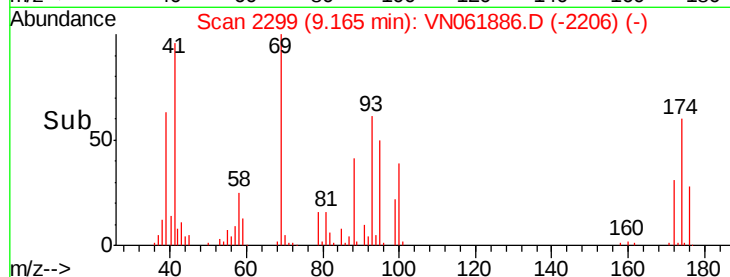
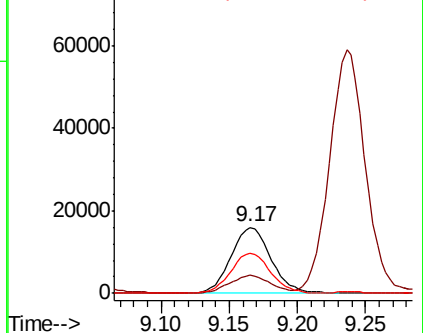
58 60.5 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061886.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061886.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061886.D (-2206) (-)



#50

Toluene-d8

Concen: 48.984 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061886.D

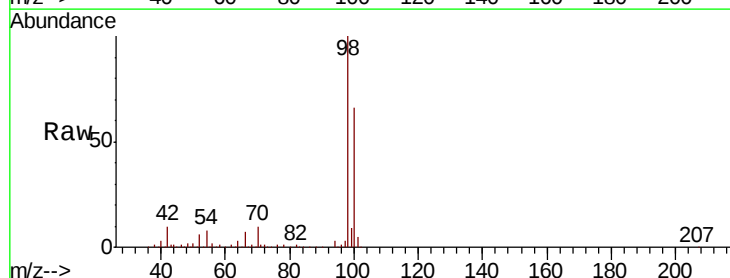
Acq: 18 Jun 2020 7:05

Tgt Ion: 98 Resp: 316514

Ion Ratio Lower Upper

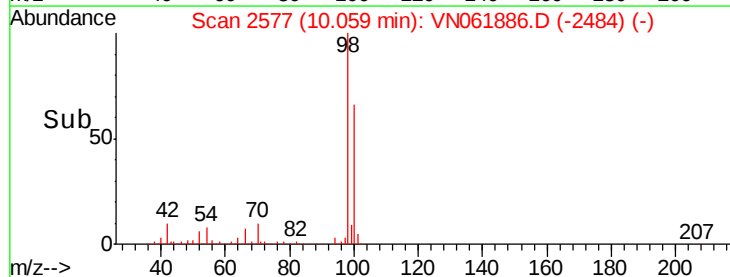
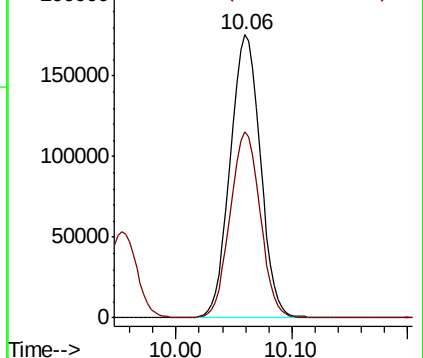
98 100

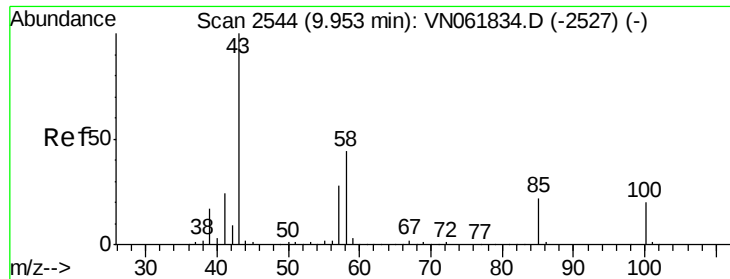
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061886.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061886.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 250.117 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

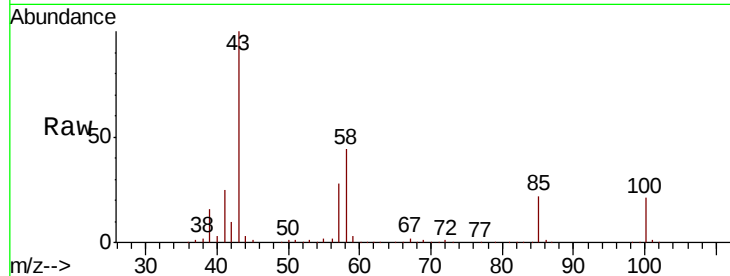
RE117D1-20200611MS

Tot Ion: 43 Resp: 455795

Ion Ratio Lower Upper

43 100

58 44.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

250000

200000

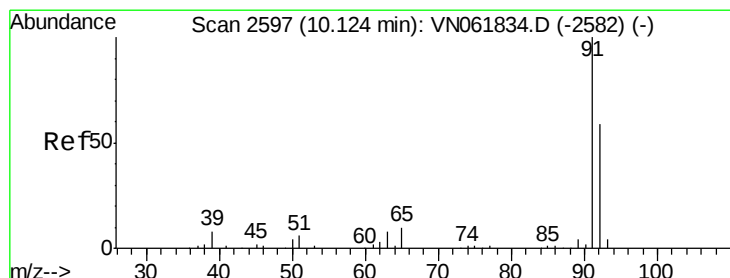
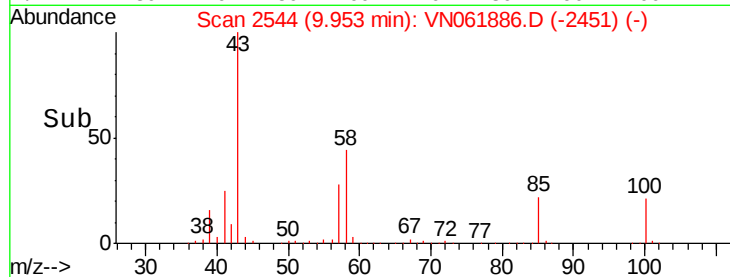
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 52.302 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061886.D

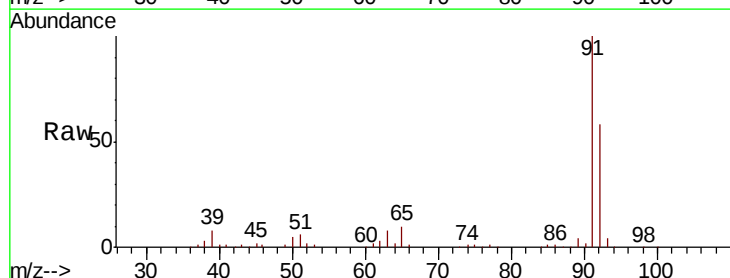
Acq: 18 Jun 2020 7:05

Tgt Ion: 92 Resp: 233163

Ion Ratio Lower Upper

92 100

91 171.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

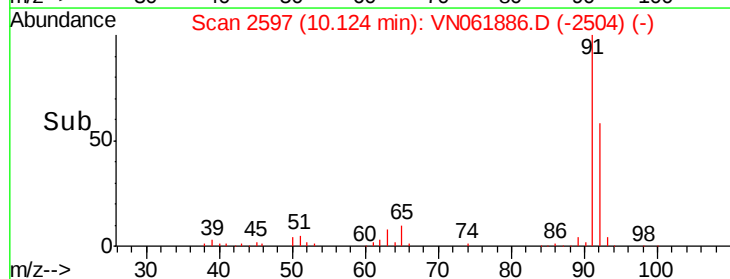
150000

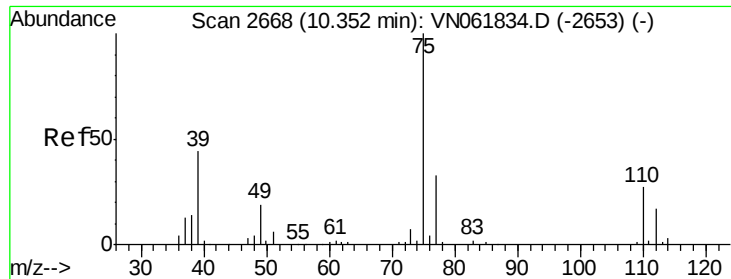
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.428 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

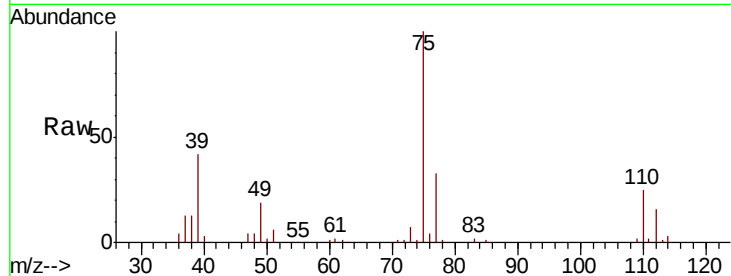
RE117D1-20200611MS

Tot Ion: 75 Resp: 129317

Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

60000

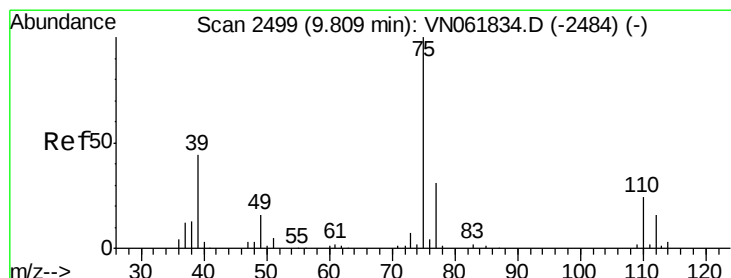
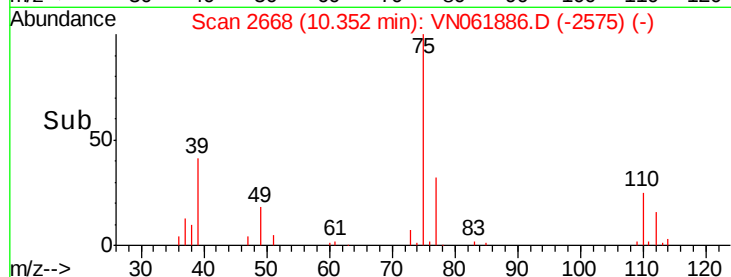
40000

20000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.873 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

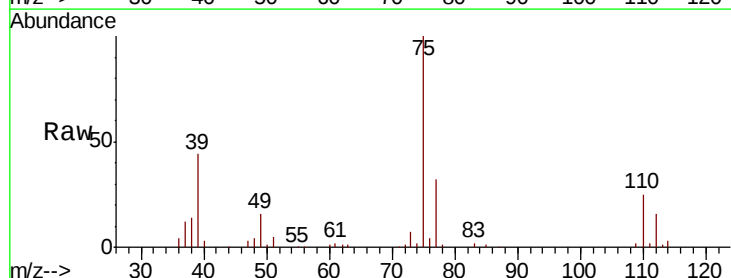
Tgt Ion: 75 Resp: 135947

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 44.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

100000

80000

60000

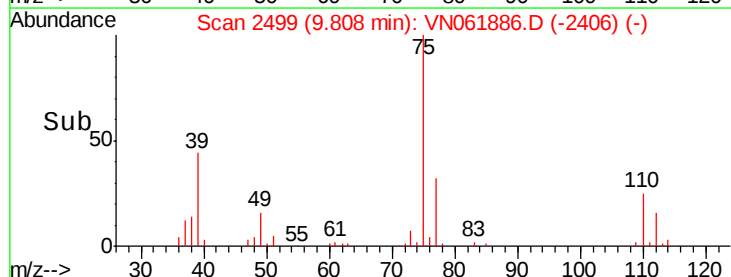
40000

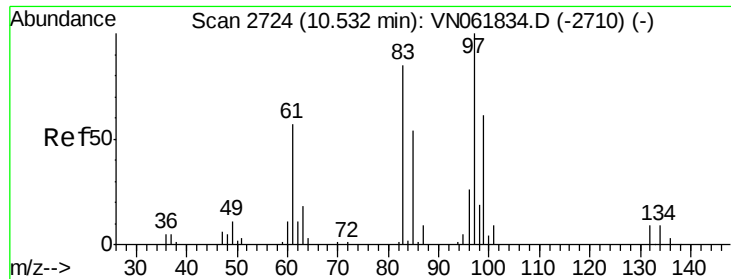
20000

0

9.75 9.80 9.85 9.90

Time-->

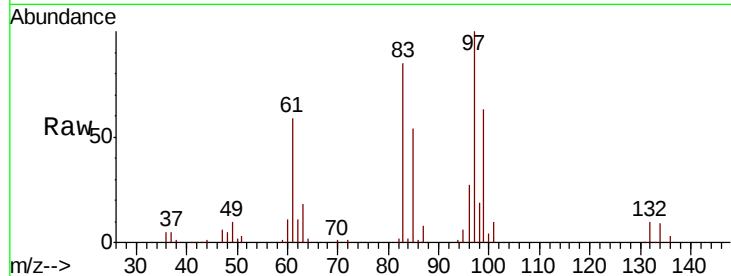




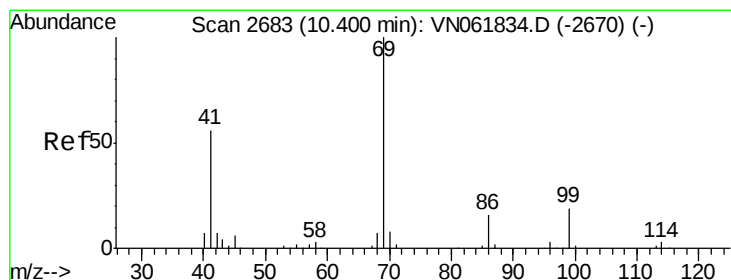
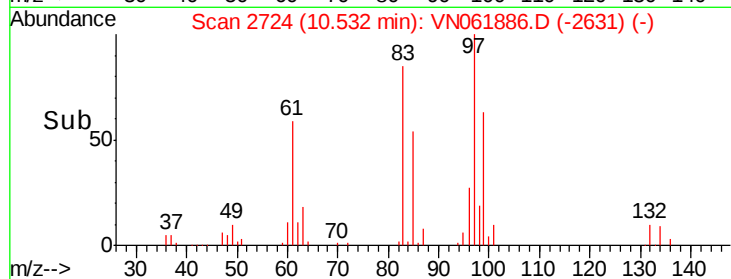
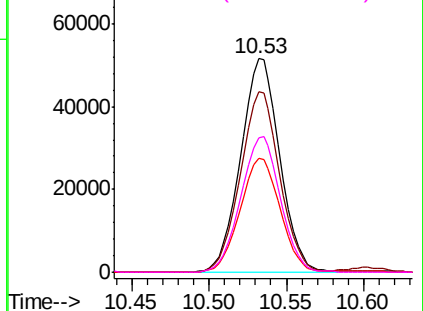
#55
 1,1,2-Trichloroethane
 Concen: 51.859 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Tot Ion: 97 Resp: 90961
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.7 101.5
 85 53.6 43.4 65.0
 99 62.8 48.8 73.2

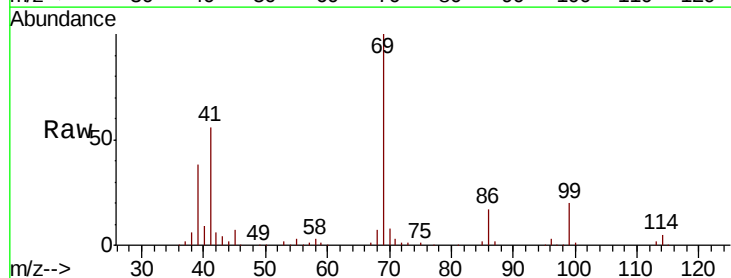


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

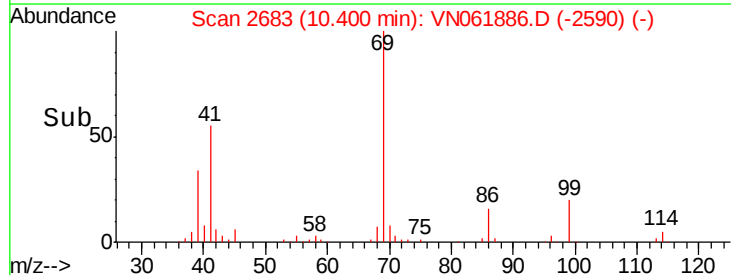
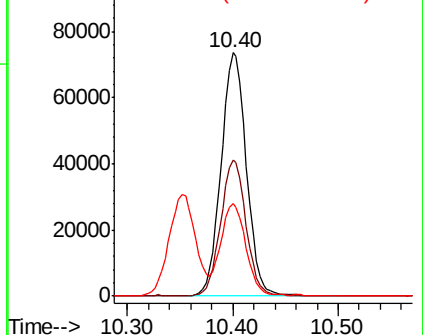


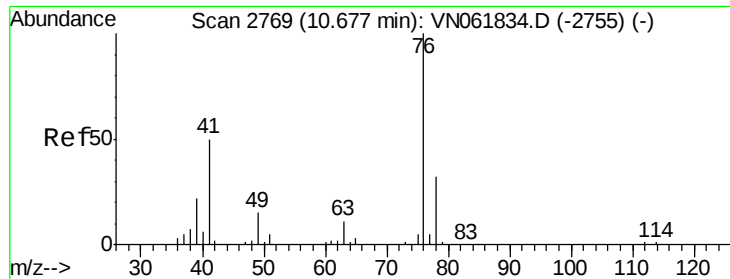
#56
 Ethyl methacrylate
 Concen: 45.839 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 69 Resp: 122125
 Ion Ratio Lower Upper
 69 100
 41 55.3 44.9 67.3
 39 37.3 30.0 45.0



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

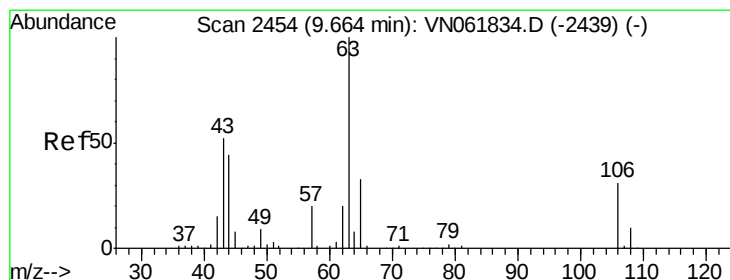
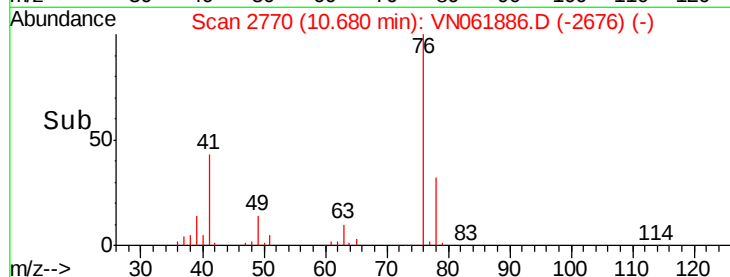
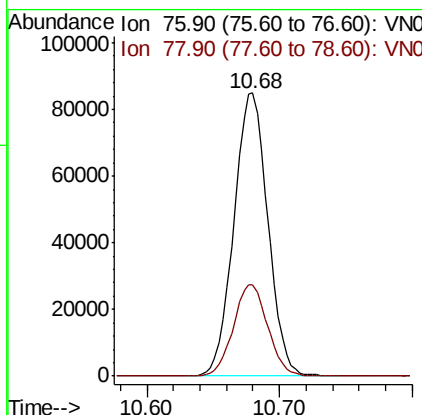
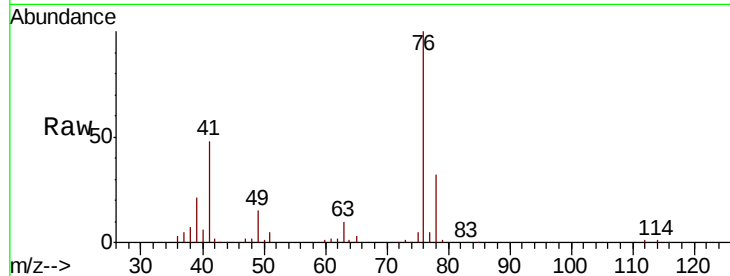




#57
 1,3-Dichloropropane
 Concen: 50.865 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

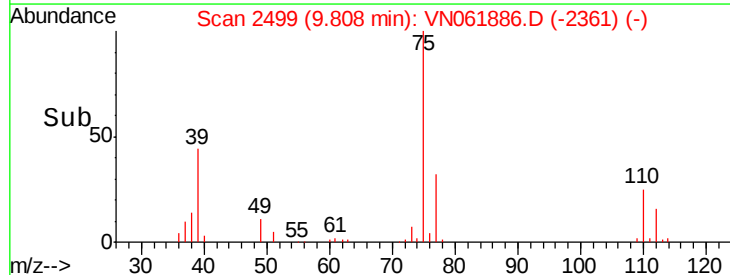
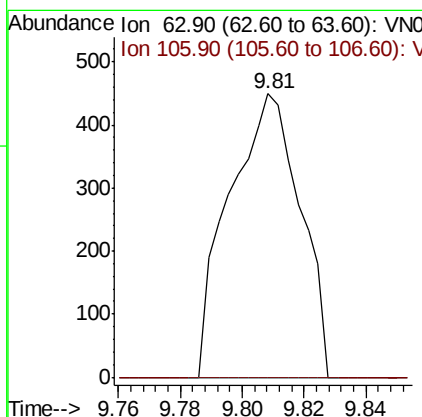
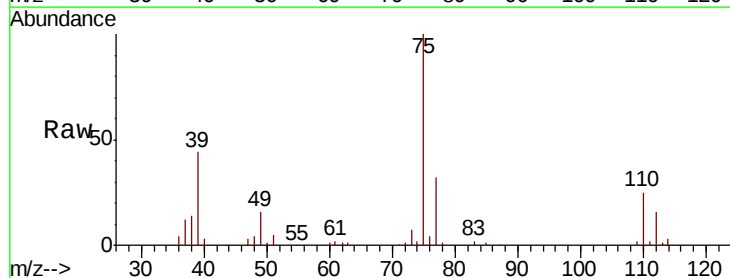
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

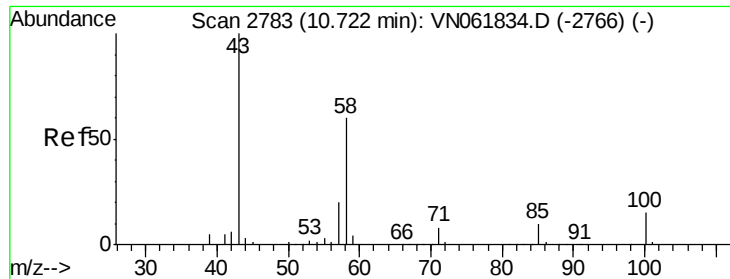
Tot Ion: 76 Resp: 151147
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.771 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.14 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 63 Resp: 714
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.6 36.8#

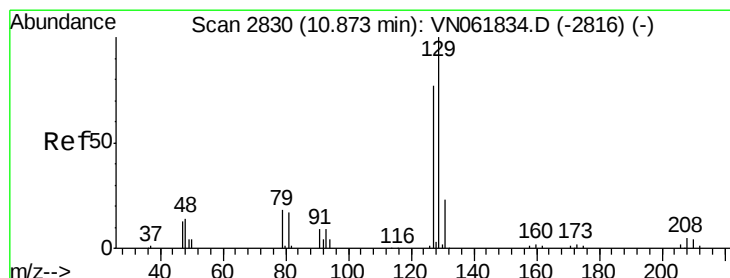
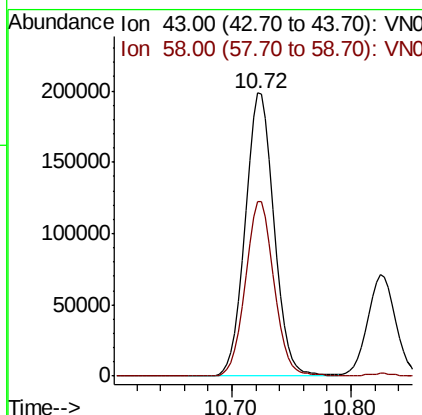
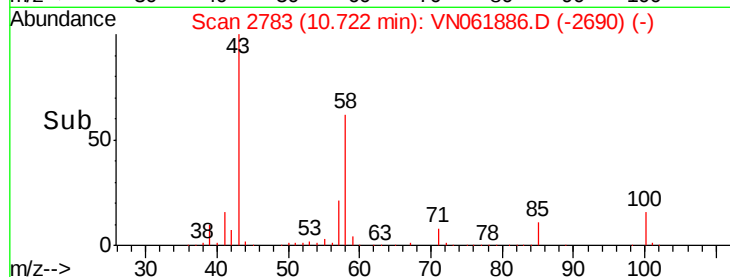
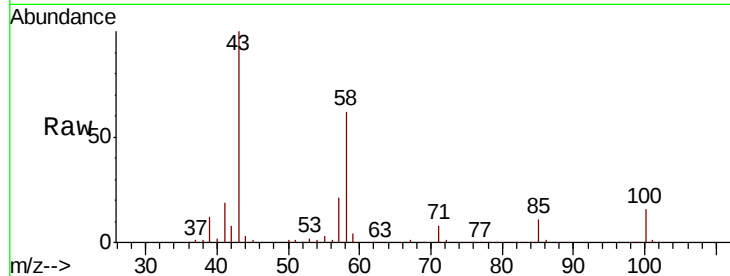




#59
2-Hexanone
Concen: 230.355 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

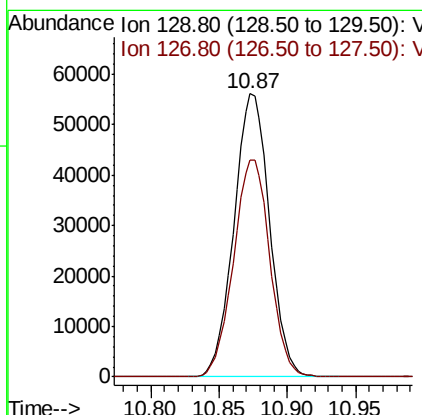
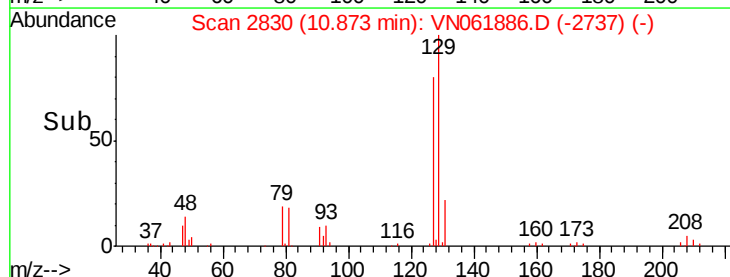
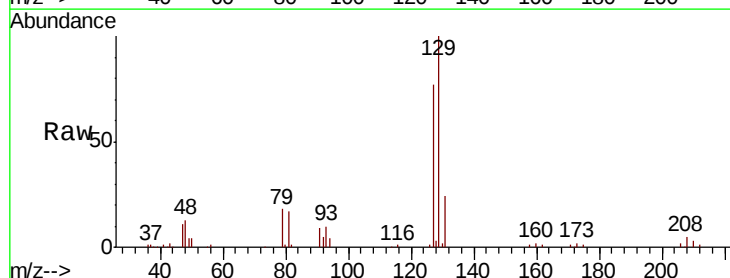
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

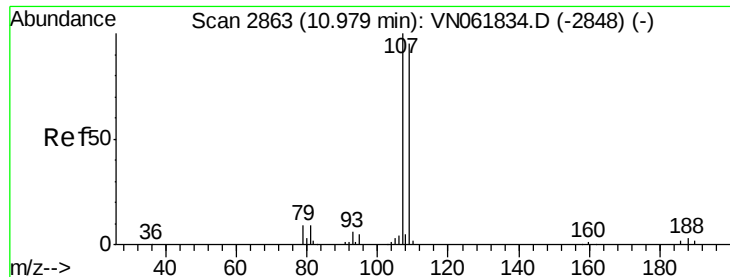
Tot Ion: 43 Resp: 333748
Ion Ratio Lower Upper
43 100
58 61.2 30.1 90.5



#60
Dibromochloromethane
Concen: 51.992 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:129 Resp: 101759
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

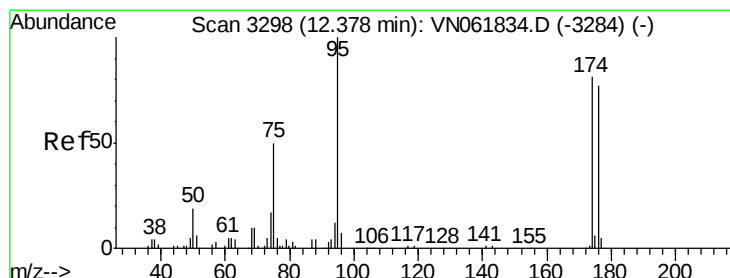
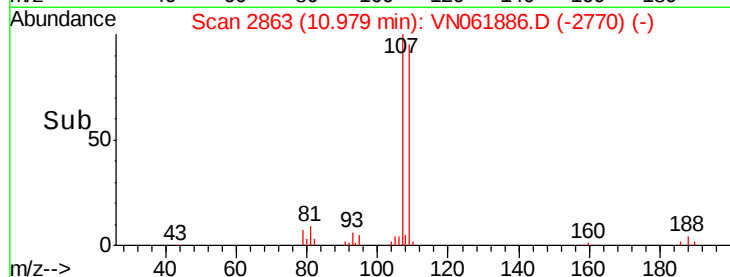
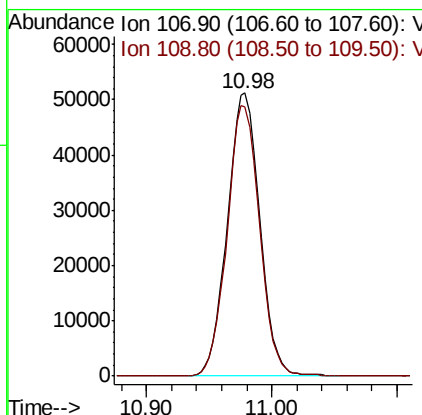
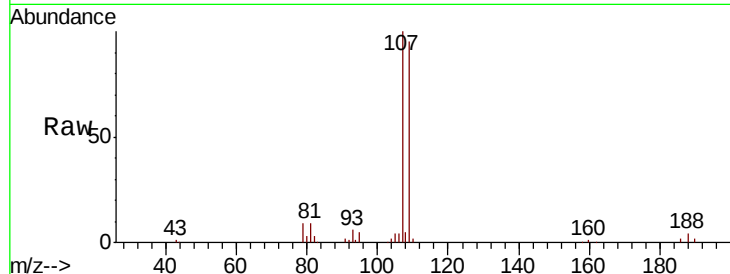




#61
 1,2-Dibromoethane
 Concen: 50.250 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

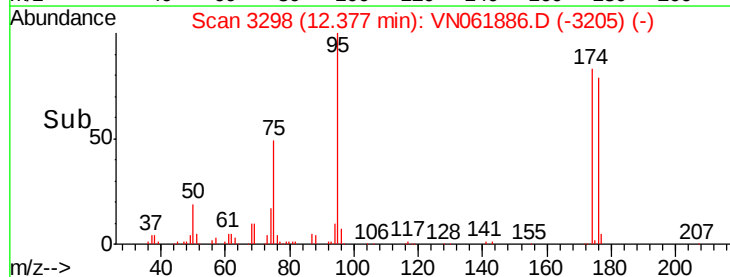
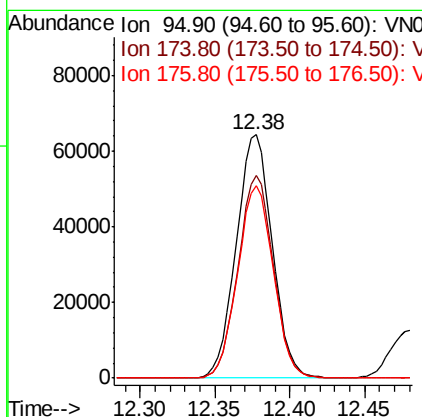
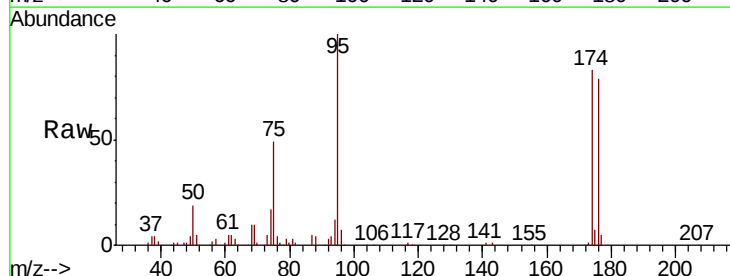
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

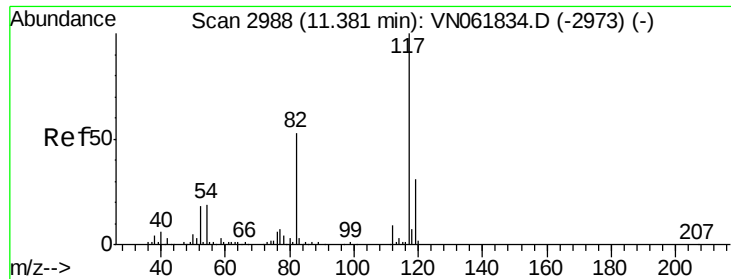
Tot Ion: 107 Resp: 92034
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.654 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion: 95 Resp: 107837
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 158.6
 176 78.6 0.0 152.0

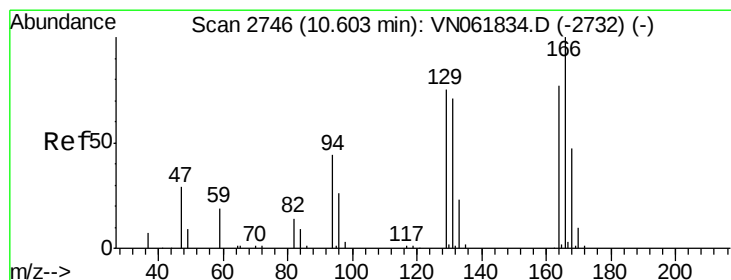
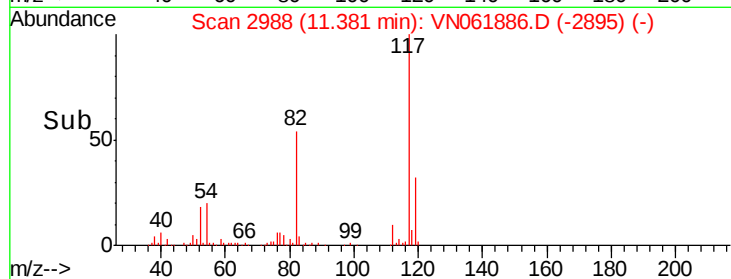
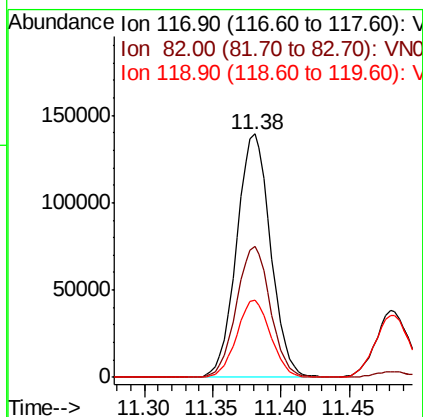
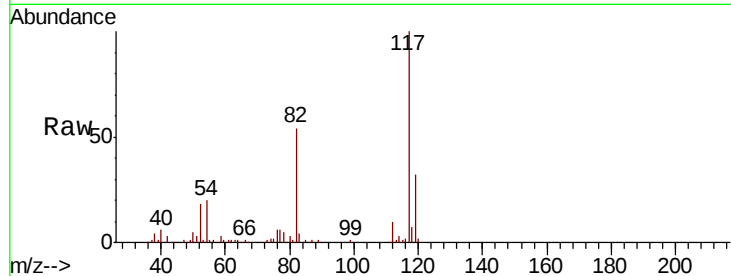




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

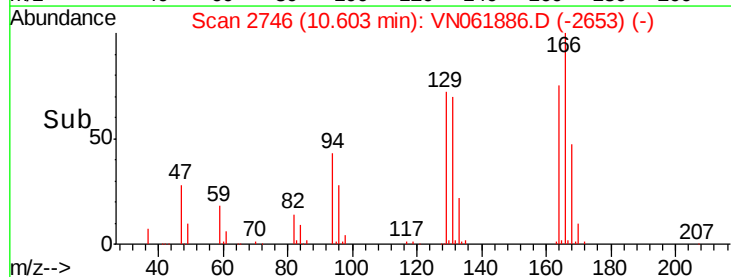
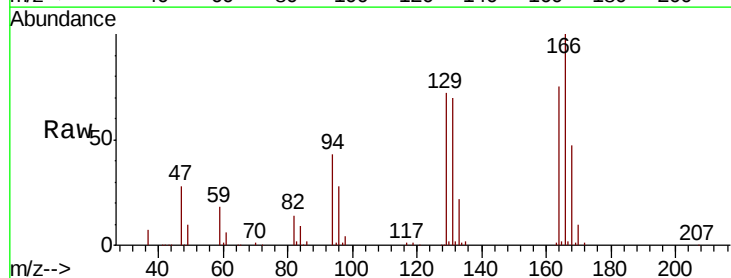
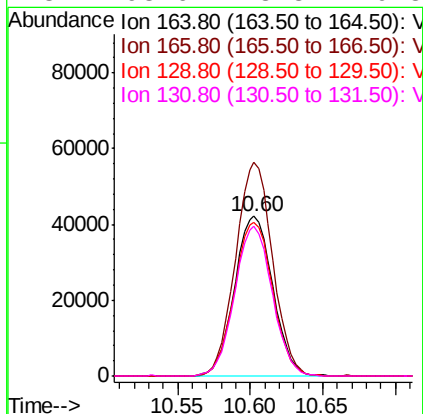
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

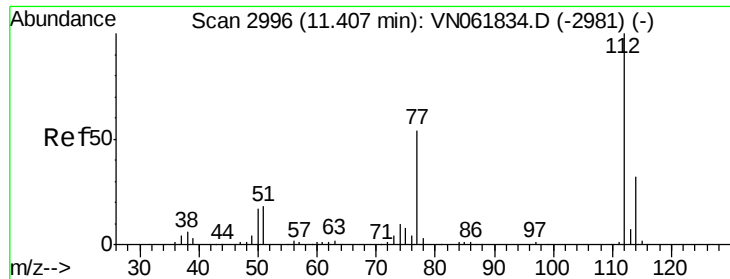
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	64.0
119	31.7	24.7	37.1



#64
Tetrachloroethene
Concen: 50.467 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.7	103.5	155.3
129	96.2	77.5	116.3
131	93.6	73.8	110.8

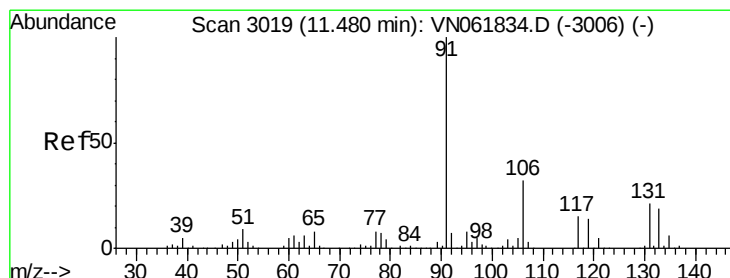
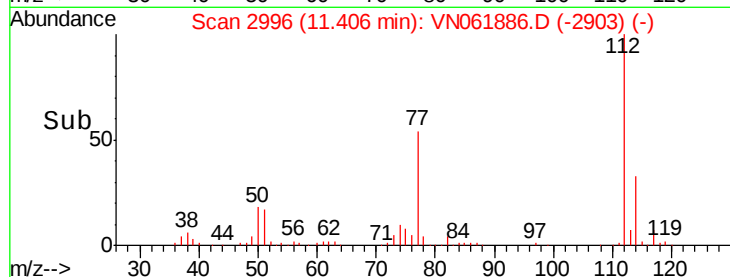
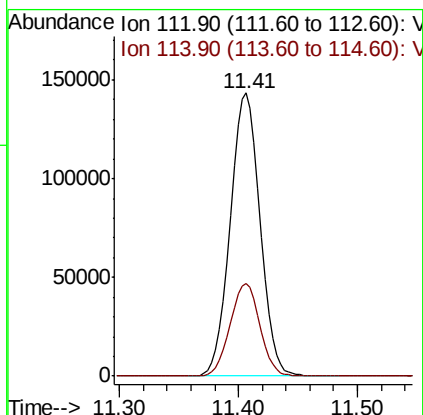
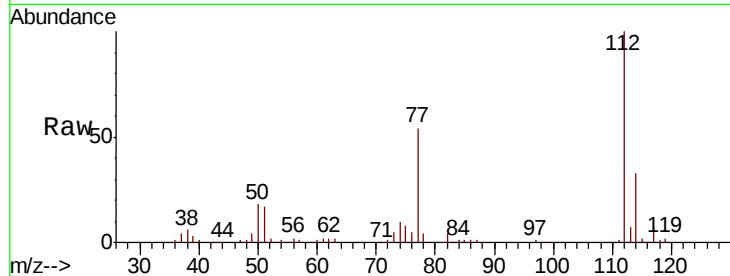




#65
Chlorobenzene
Concen: 49.016 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

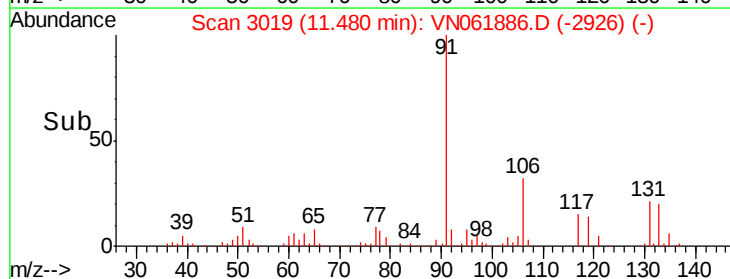
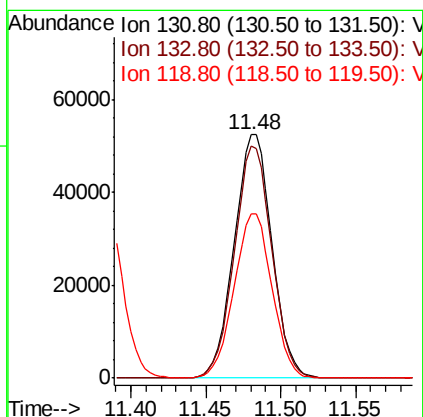
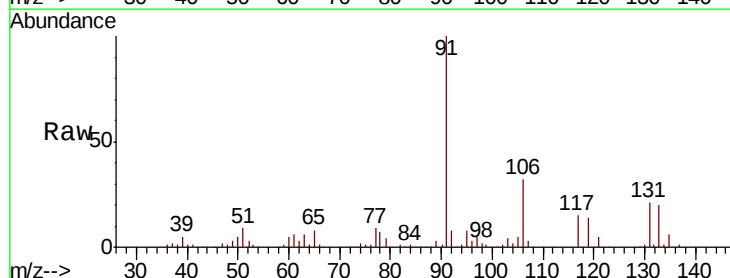
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

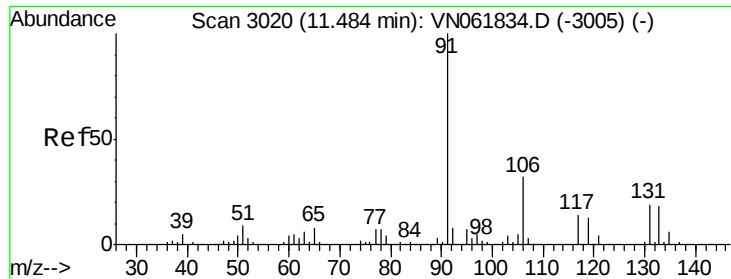
Tot Ion:112 Resp: 248800
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.987 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:131 Resp: 92032
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 67.8 34.0 101.8

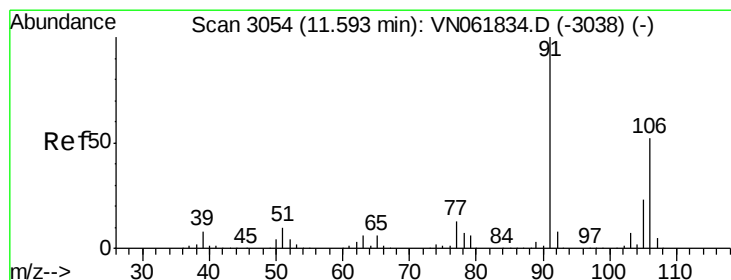
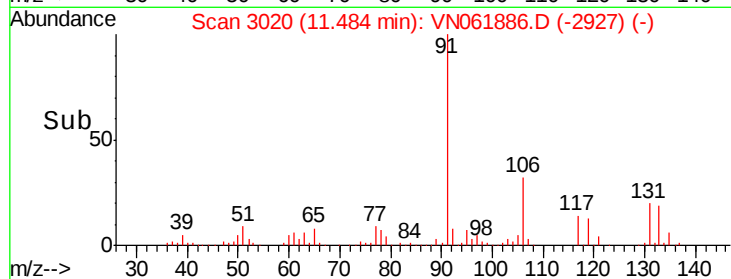
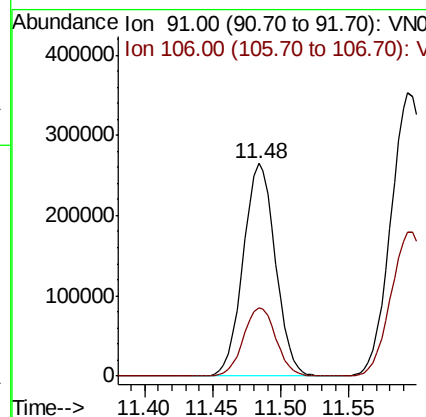
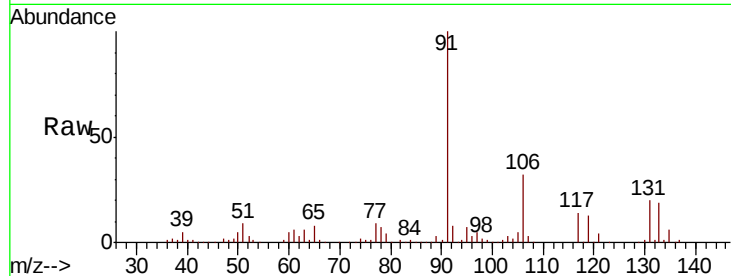




#67
Ethyl Benzene
Concen: 51.239 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

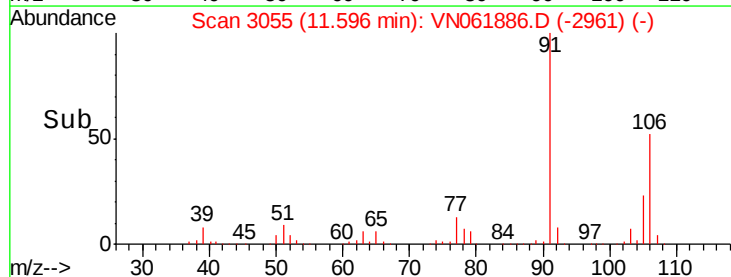
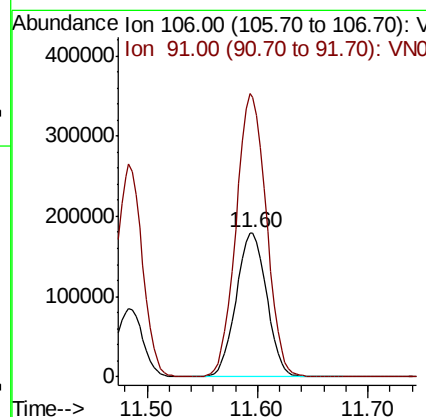
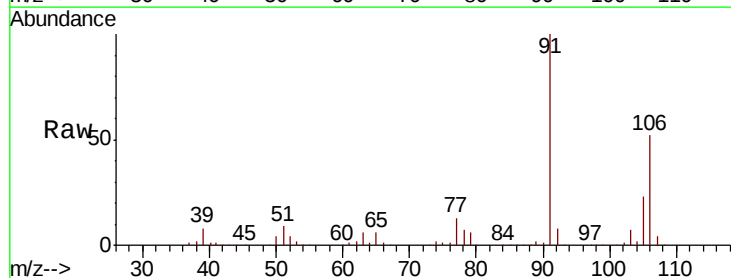
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

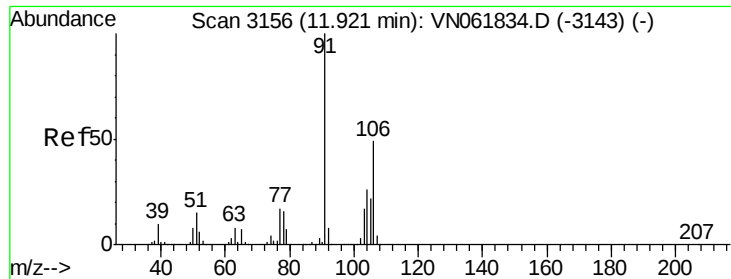
Tot Ion: 91 Resp: 436071
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 104.754 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion: 106 Resp: 343766
Ion Ratio Lower Upper
106 100
91 194.6 157.0 235.6

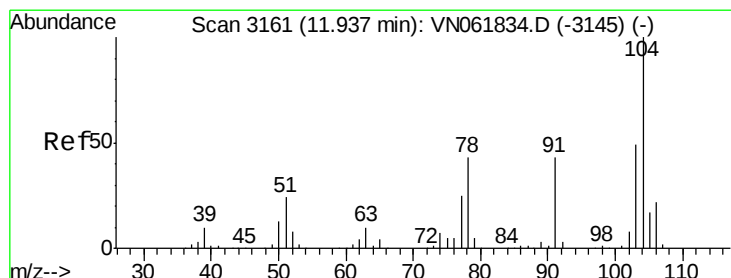
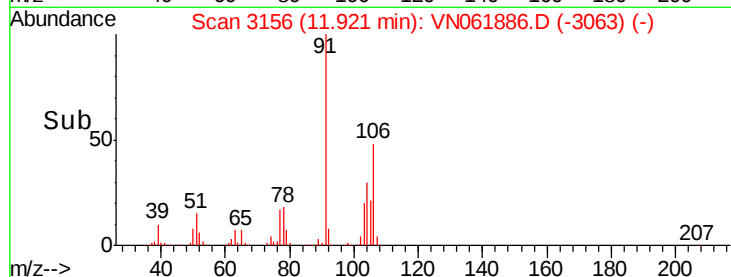
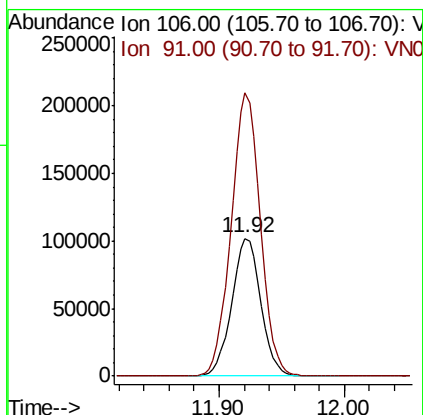
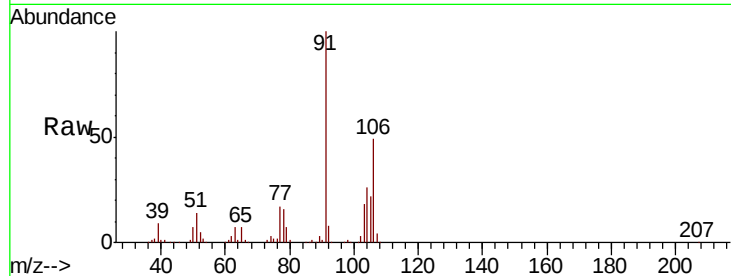




#69
o-Xylene
Concen: 52.119 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

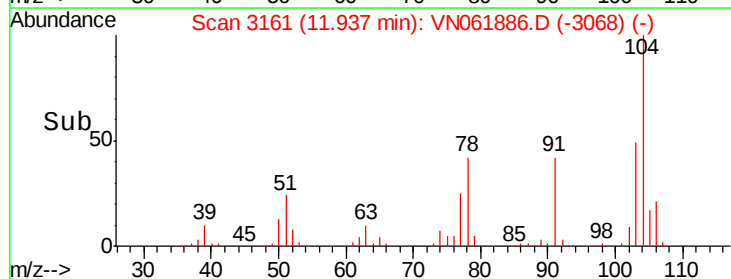
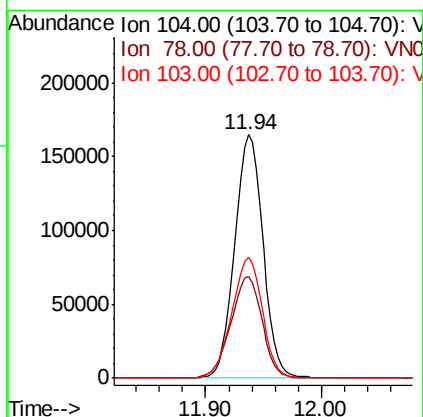
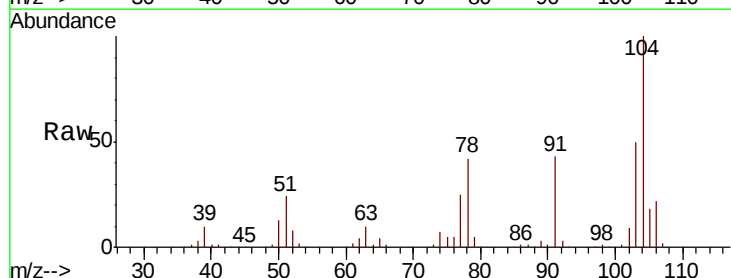
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

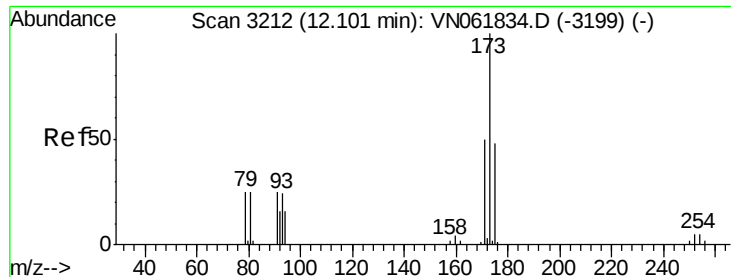
Tot Ion:106 Resp: 163193
Ion Ratio Lower Upper
106 100
91 207.0 103.0 308.9



#70
Styrene
Concen: 53.131 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:104 Resp: 278557
Ion Ratio Lower Upper
104 100
78 46.1 37.6 56.4
103 53.5 43.0 64.4





#71

Bromoform

Concen: 53.029 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

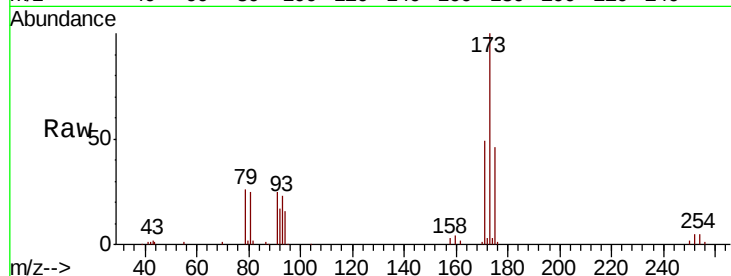
Tot Ion:173 Resp: 68450

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

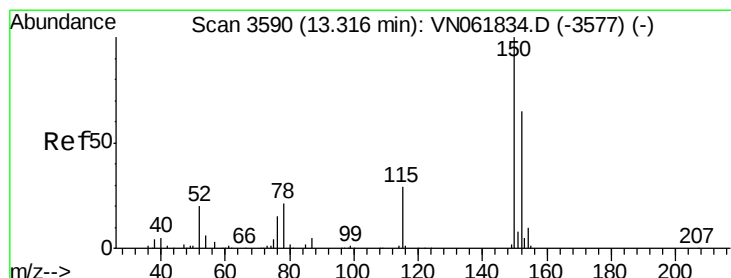
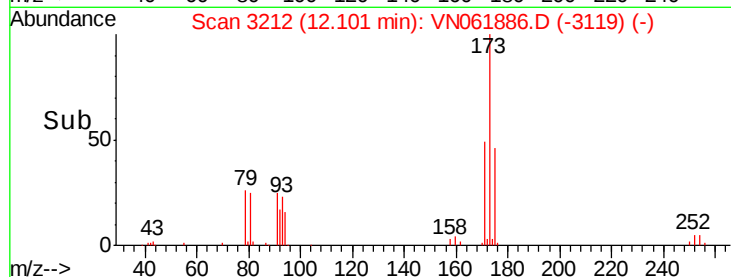
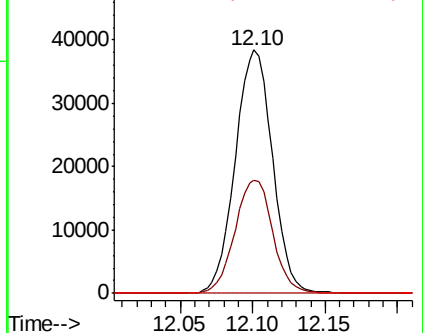
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

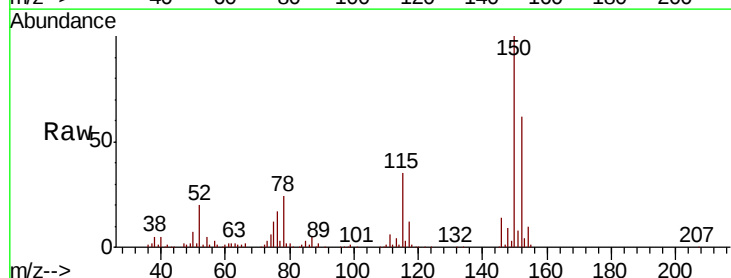
Tgt Ion:152 Resp: 117400

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

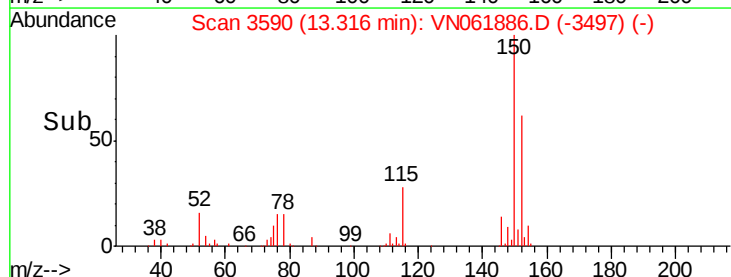
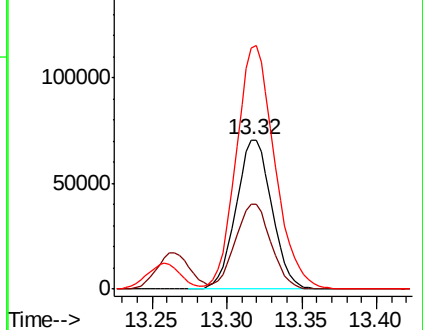
150 175.8 0.0 347.6

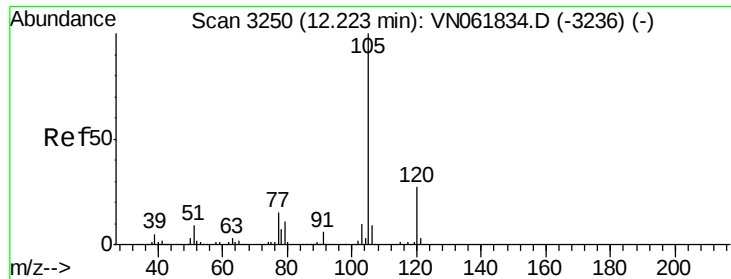


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.345 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

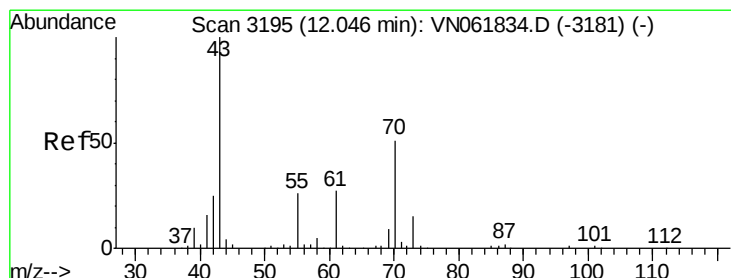
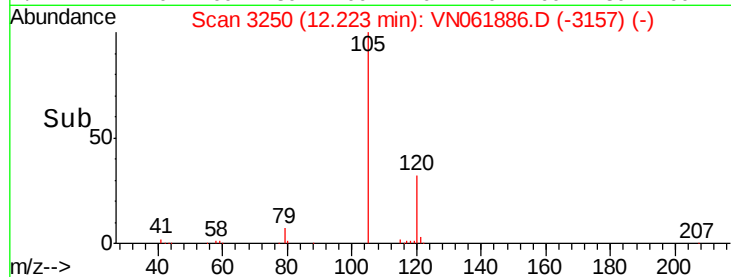
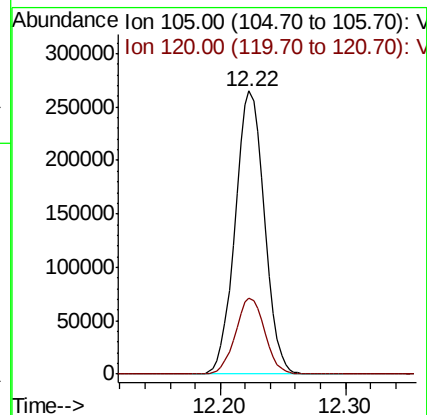
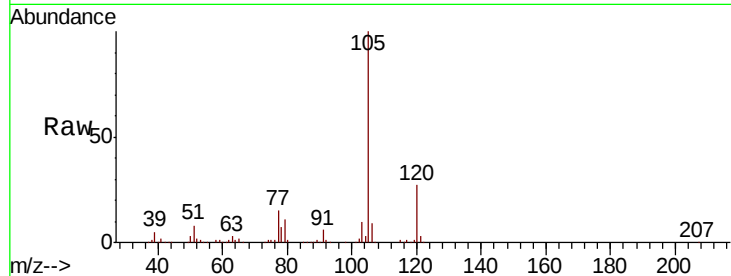
RE117D1-20200611MS

Tot Ion:105 Resp: 428347

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 39.956 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Tgt Ion: 43 Resp: 118734

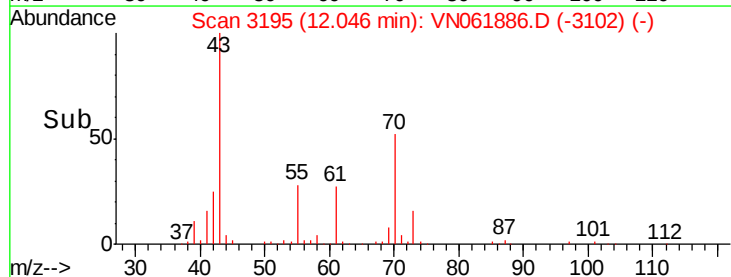
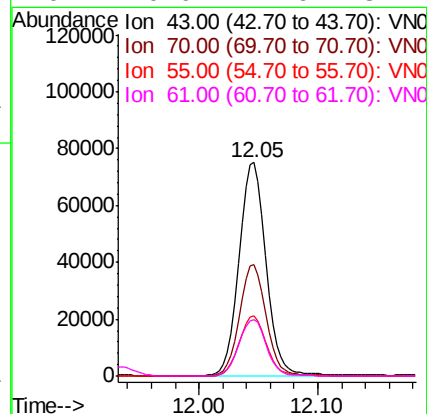
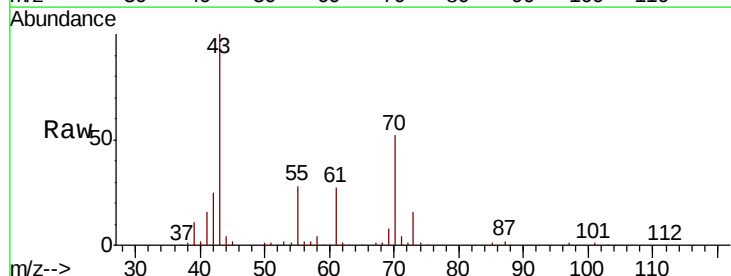
Ion Ratio Lower Upper

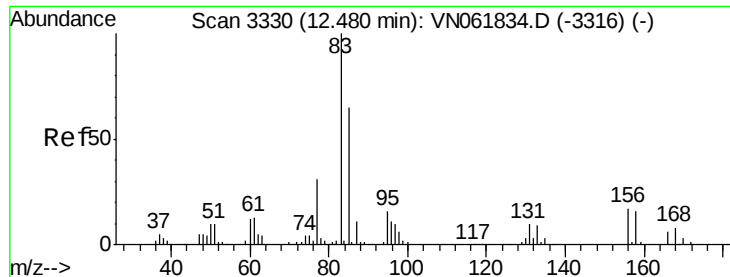
43 100

70 51.5 40.6 60.8

55 28.5 21.5 32.3

61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.310 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

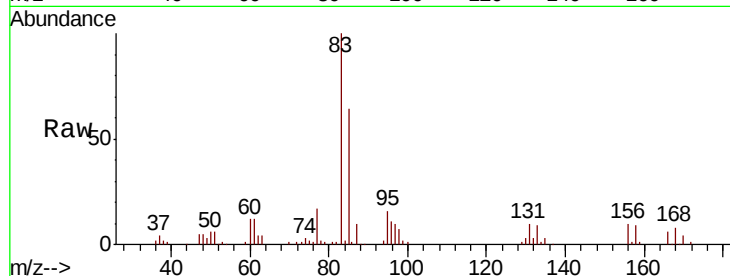
Tot Ion: 83 Resp: 133747

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

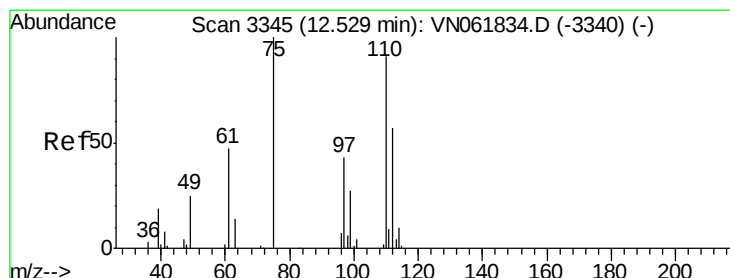
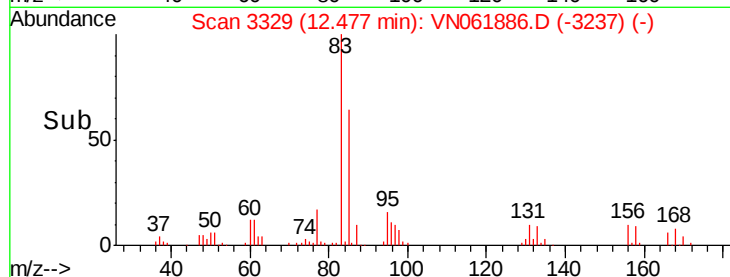
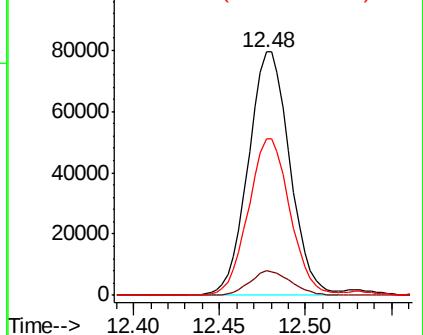
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061886.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061886.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061886.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 68.687 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061886.D

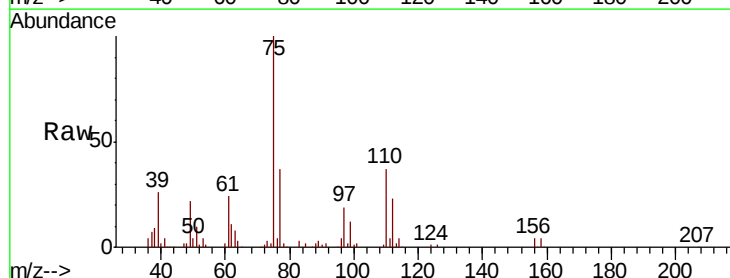
Acq: 18 Jun 2020 7:05

Tgt Ion: 75 Resp: 158314

Ion Ratio Lower Upper

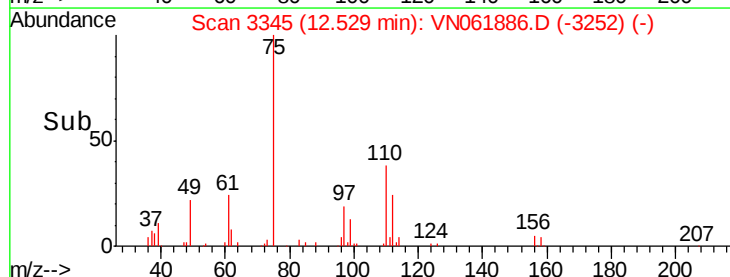
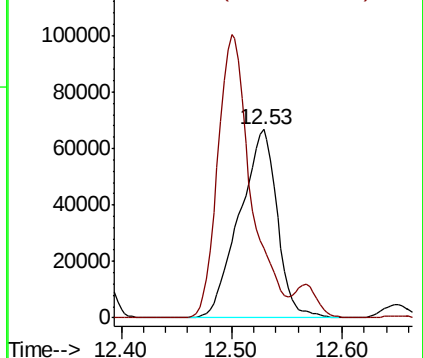
75 100

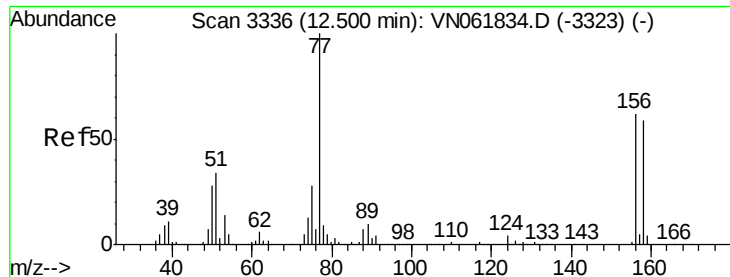
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061886.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061886.D (-3252) (-)





#77

Bromobenzene

Concen: 50.367 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

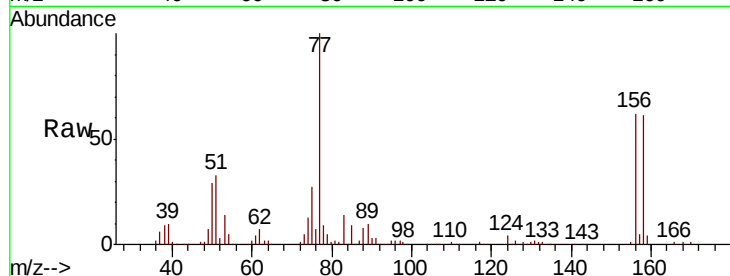
Tot Ion:156 Resp: 106008

Ion Ratio Lower Upper

156 100

77 197.5 100.7 302.1

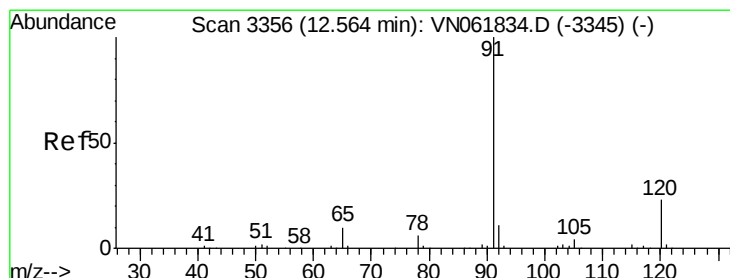
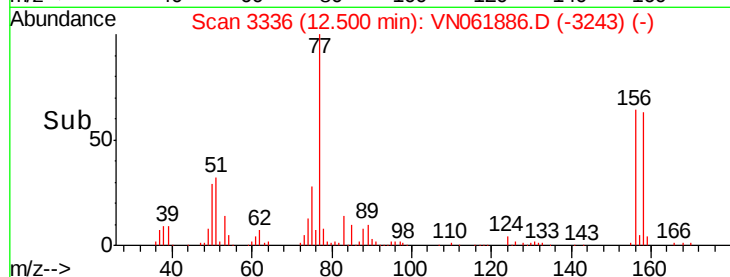
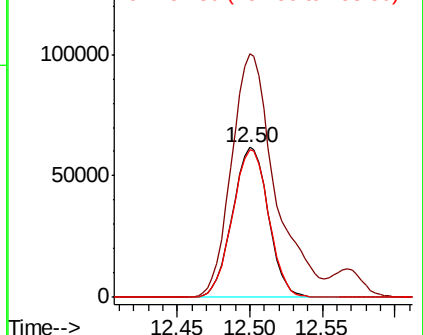
158 99.5 48.5 145.5



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: 50.543 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061886.D

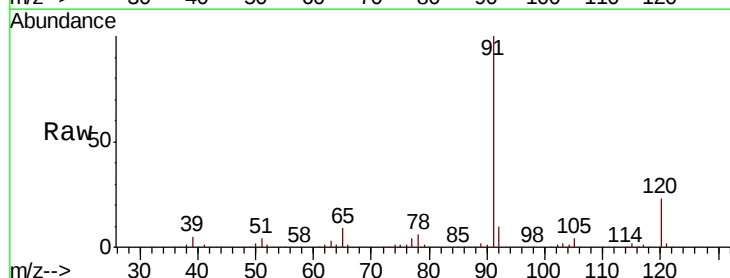
Acq: 18 Jun 2020 7:05

Tgt Ion: 91 Resp: 481134

Ion Ratio Lower Upper

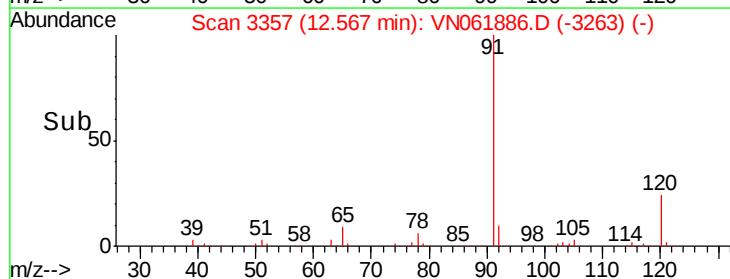
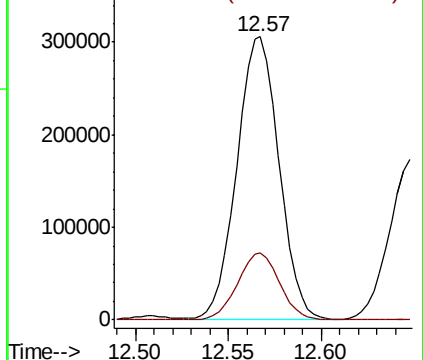
91 100

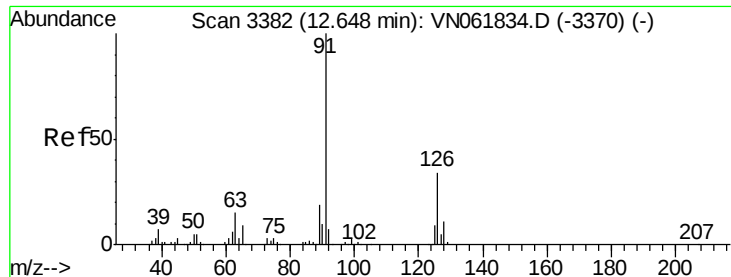
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.435 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

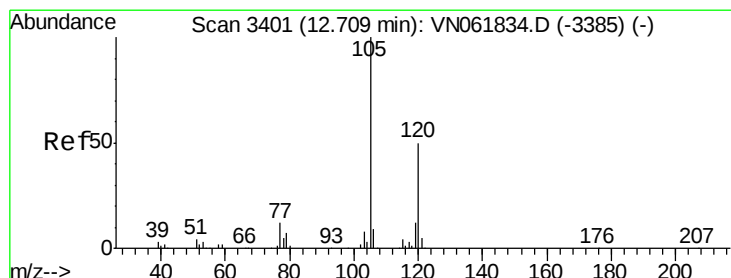
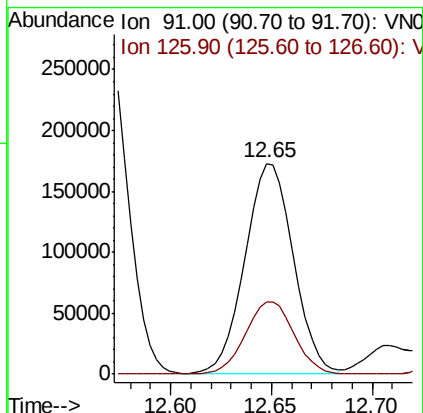
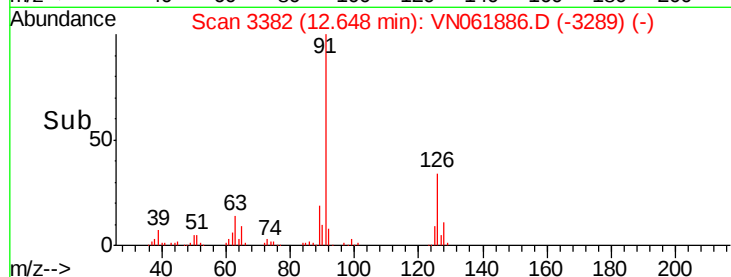
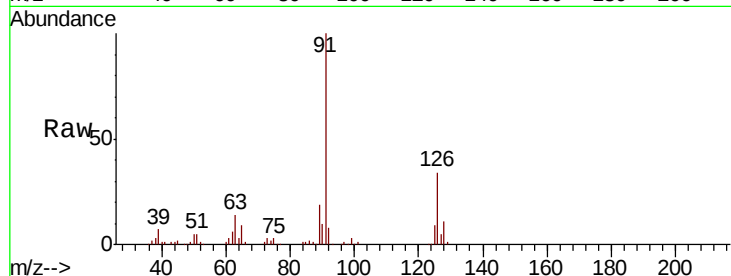
RE117D1-20200611MS

Tot Ion: 91 Resp: 288349

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.377 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061886.D

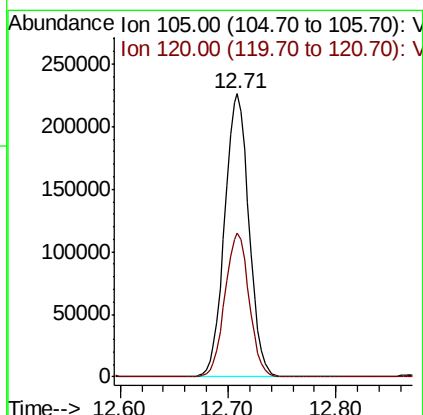
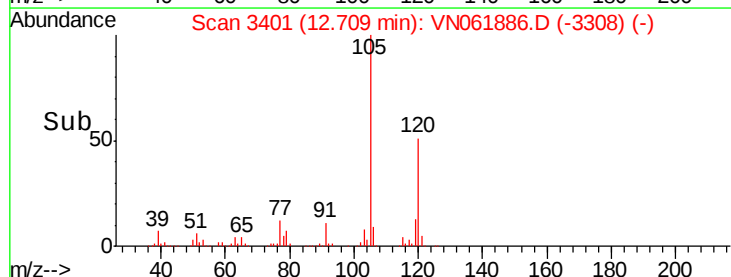
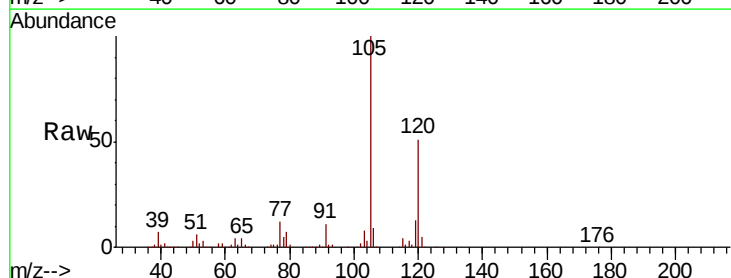
Acq: 18 Jun 2020 7:05

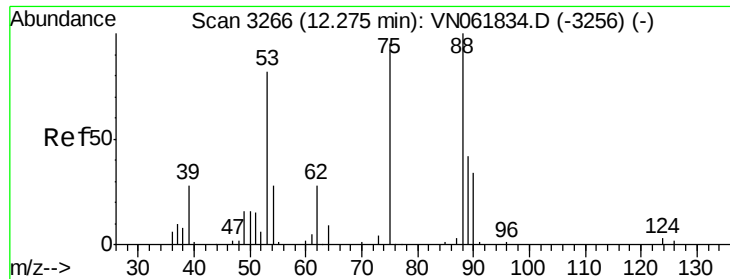
Tgt Ion: 105 Resp: 354607

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 44.575 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

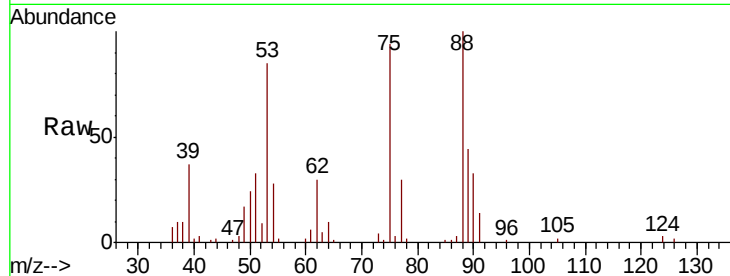
Tot Ion: 75 Resp: 37669

Ion Ratio Lower Upper

75 100

53 89.5 70.4 105.6

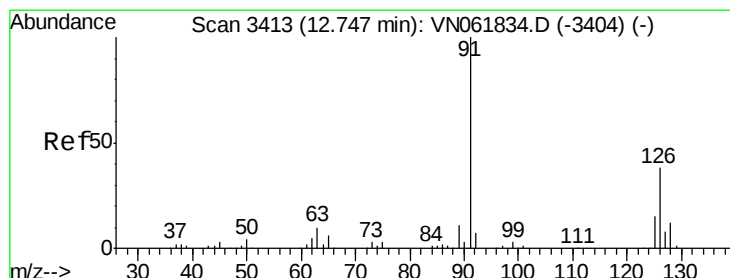
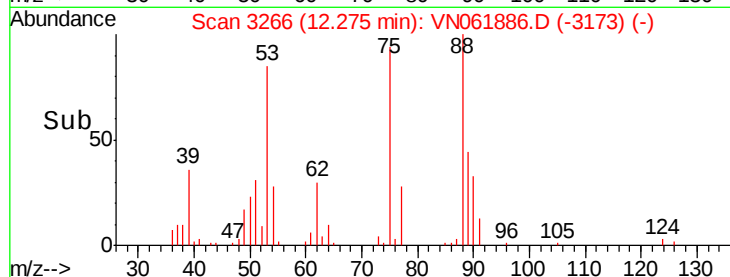
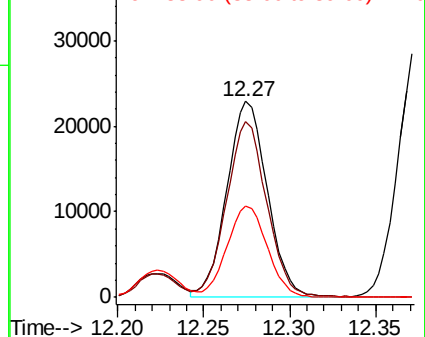
89 46.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.292 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061886.D

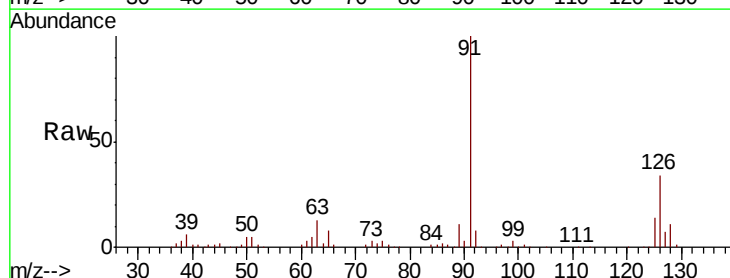
Acq: 18 Jun 2020 7:05

Tgt Ion: 91 Resp: 297104

Ion Ratio Lower Upper

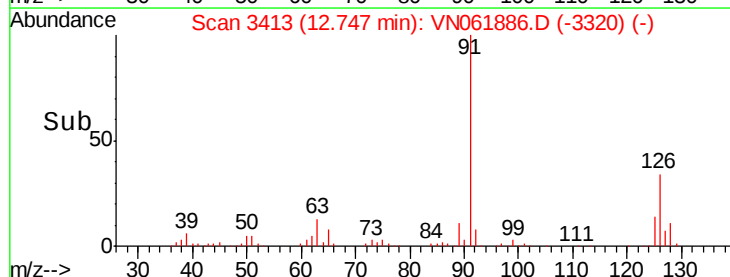
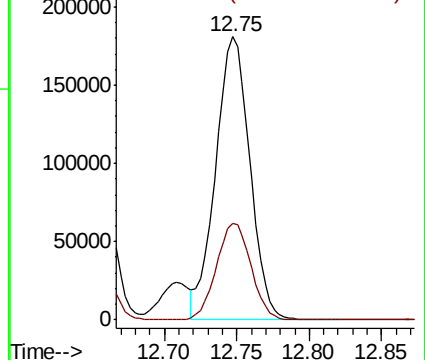
91 100

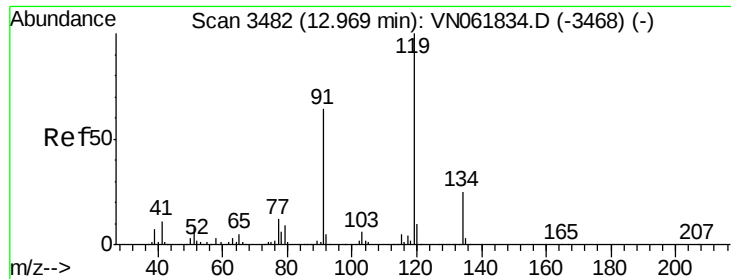
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

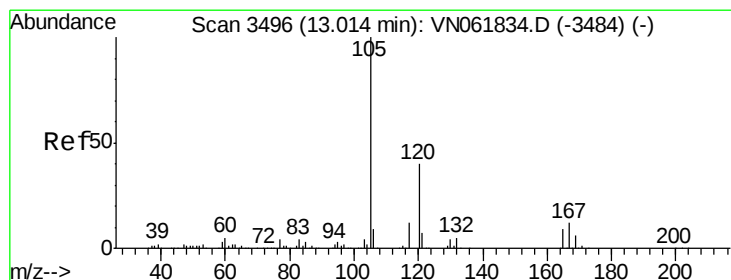
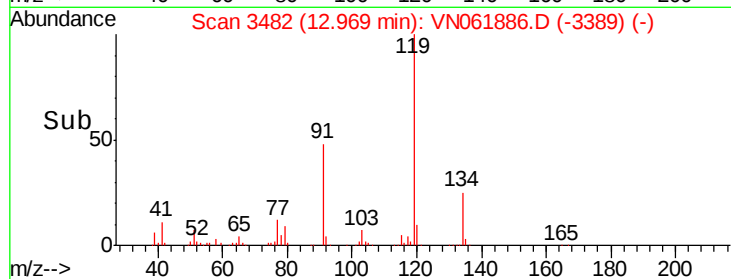
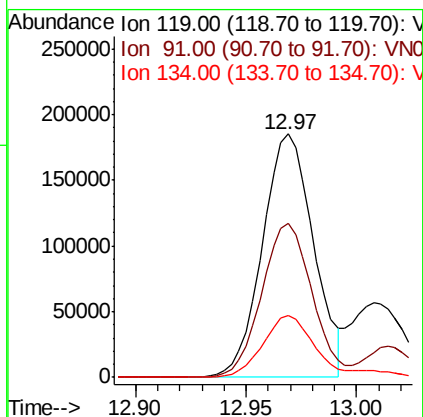
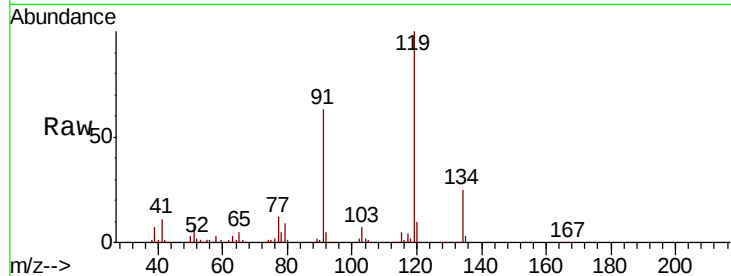




#83
tert-Butylbenzene
Concen: 50.768 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

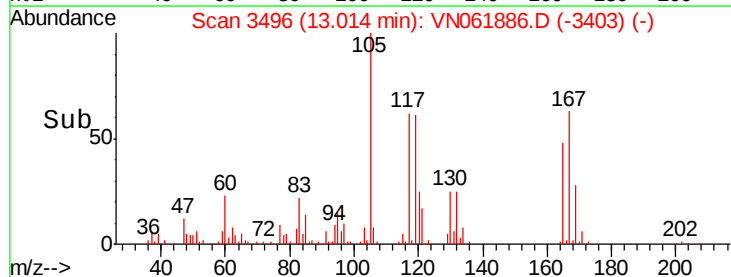
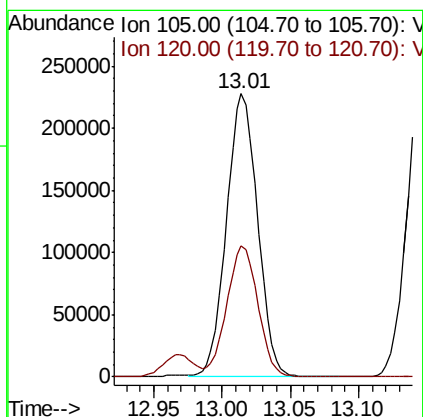
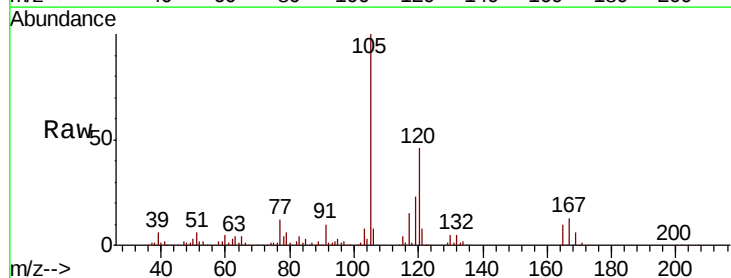
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

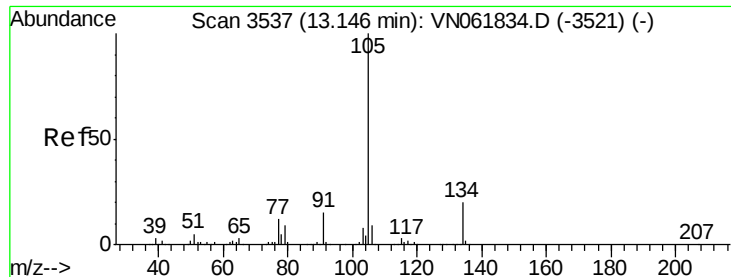
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.5	94.5
134	25.2	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.968 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.9

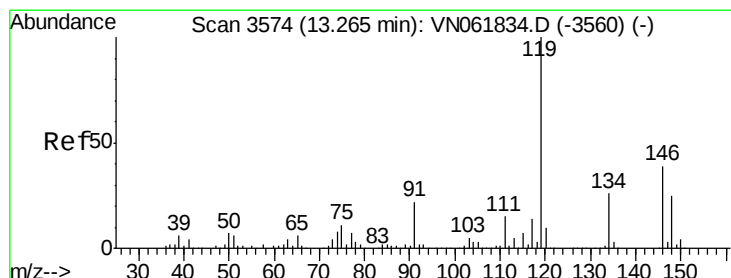
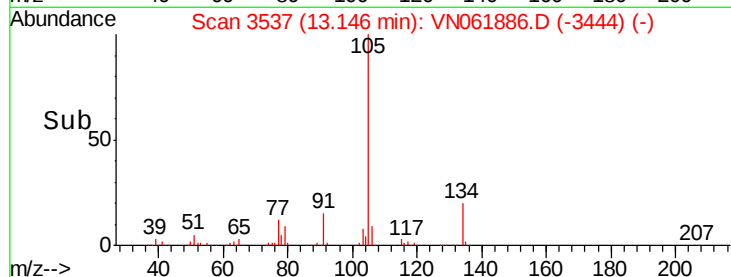
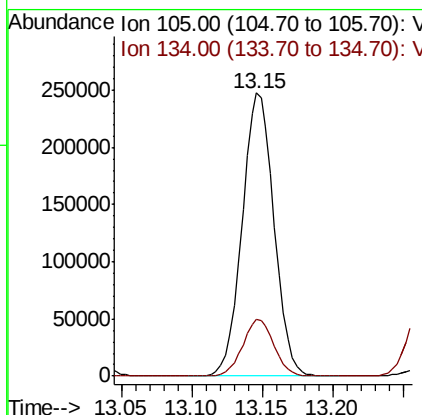
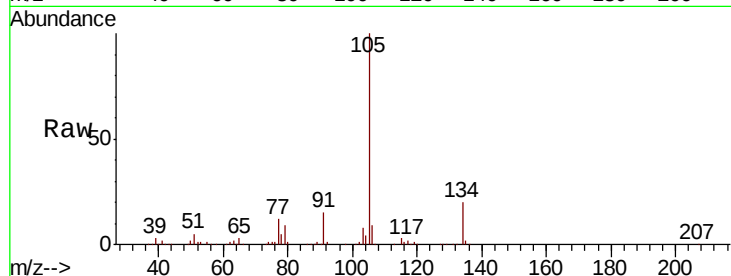




#85
 sec-Butylbenzene
 Concen: 50.841 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

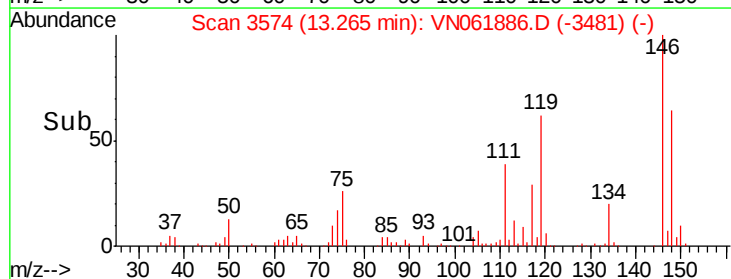
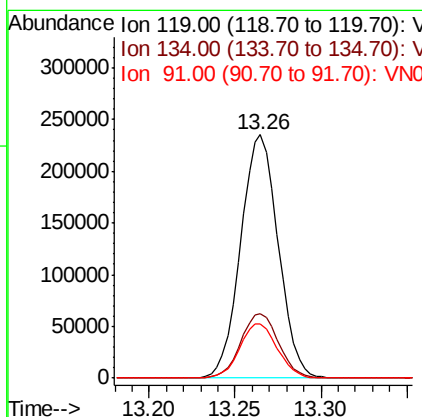
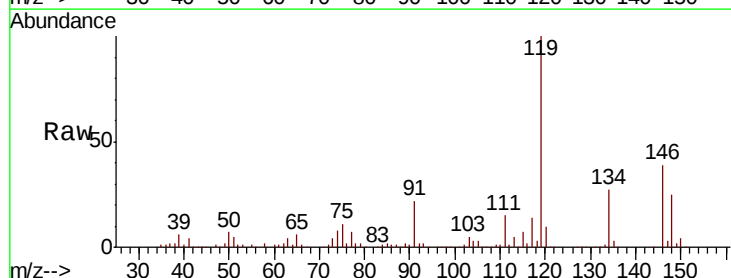
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

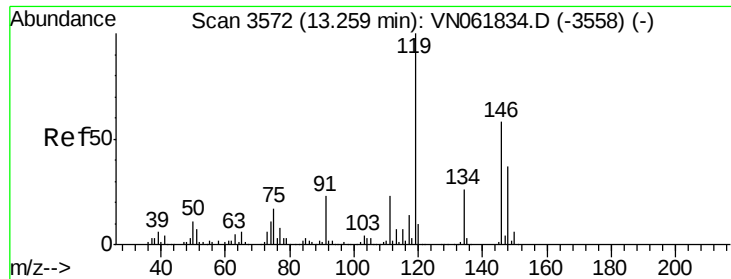
Tot Ion:105 Resp: 389374
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.445 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion:119 Resp: 357911
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.6 11.2 33.6

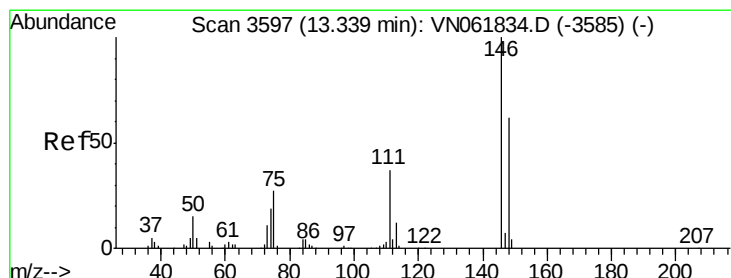
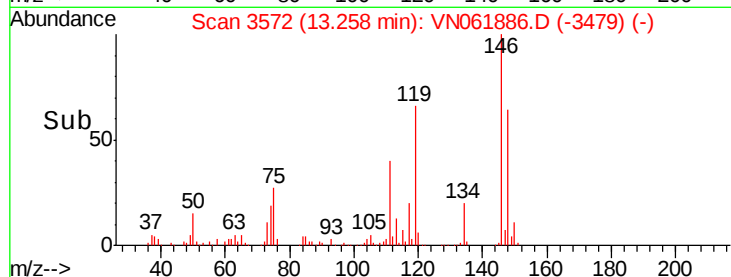
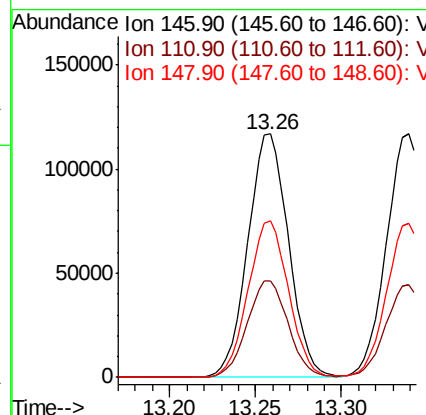
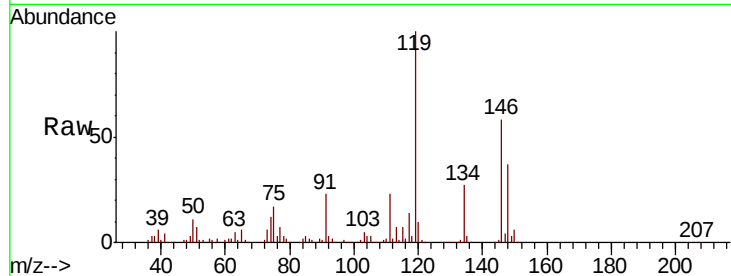




#87
 1,3-Dichlorobenzene
 Concen: 50.056 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

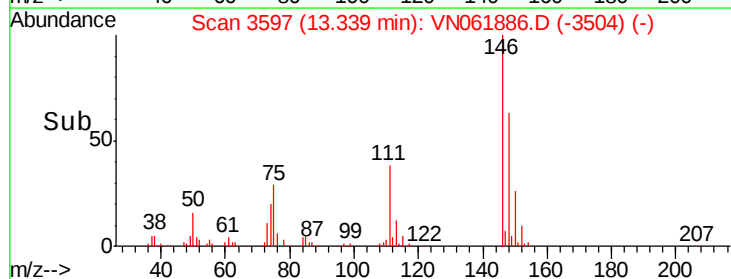
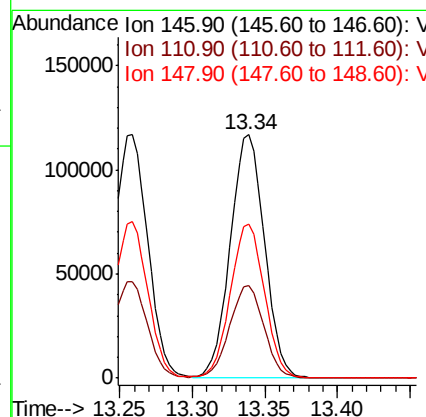
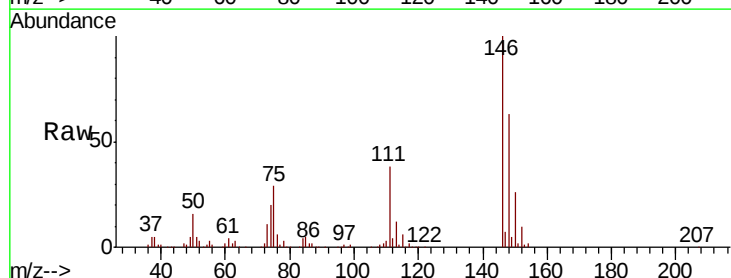
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

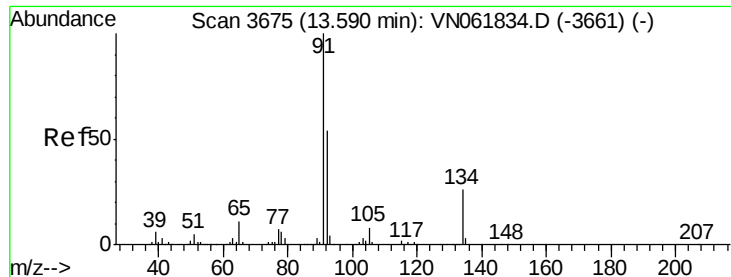
Tot Ion:146 Resp: 192152
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.615 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion:146 Resp: 191025
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 49.686 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

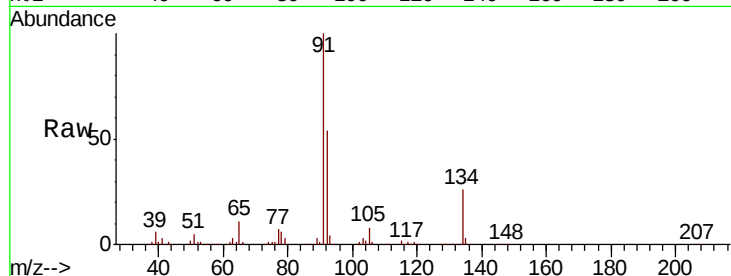
Tot Ion: 91 Resp: 283182

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

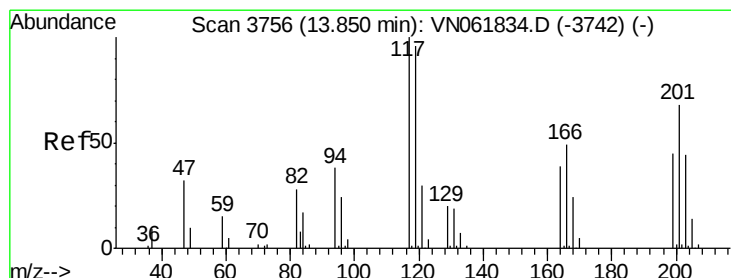
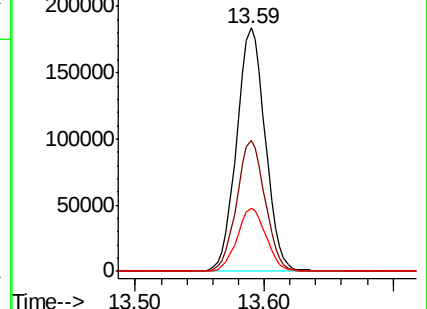
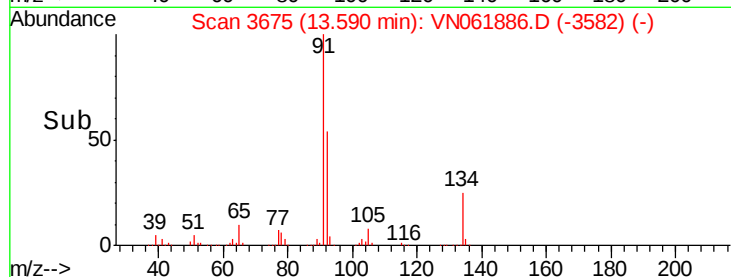
134 26.2 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)



#90

Hexachloroethane

Concen: 51.707 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061886.D

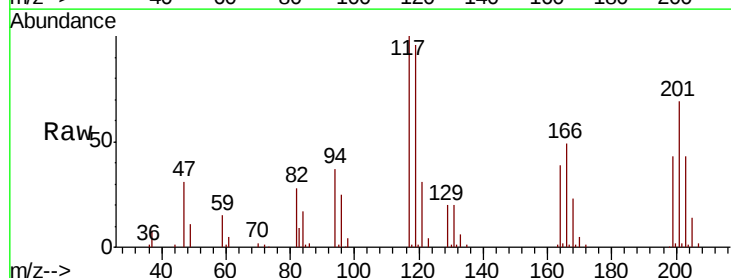
Acq: 18 Jun 2020 7:05

Tgt Ion: 117 Resp: 64595

Ion Ratio Lower Upper

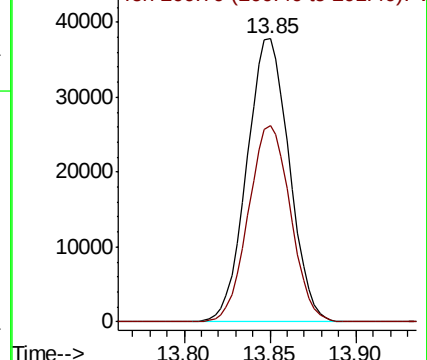
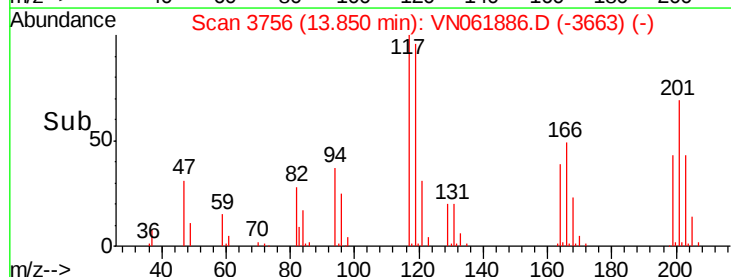
117 100

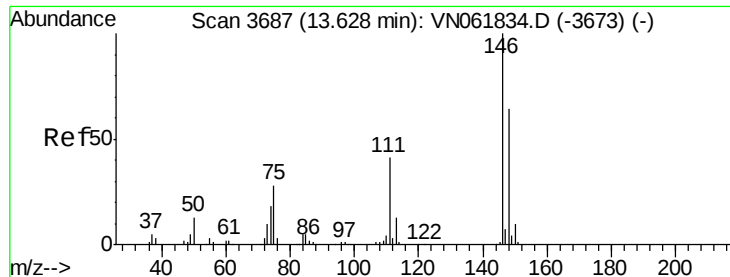
201 68.8 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 51.343 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20200611MS

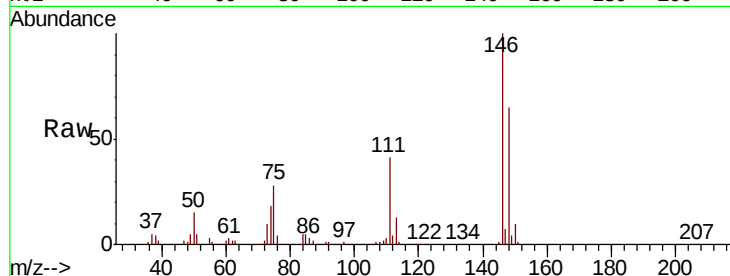
Tot Ion:146 Resp: 189742

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

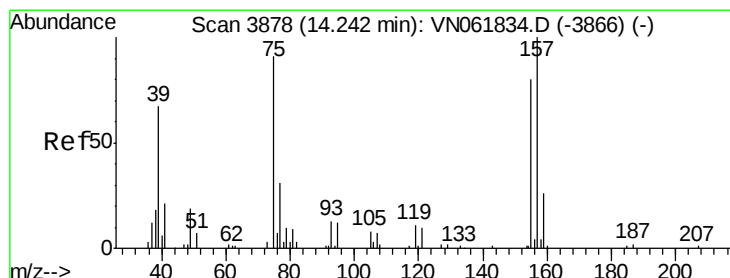
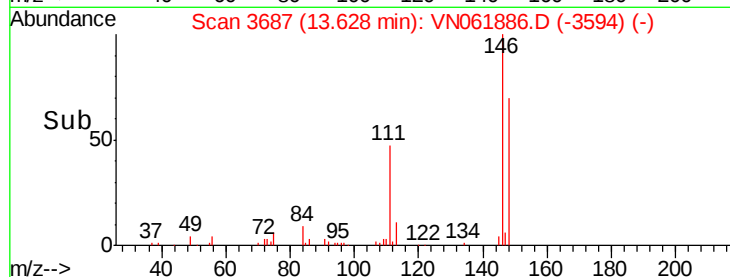
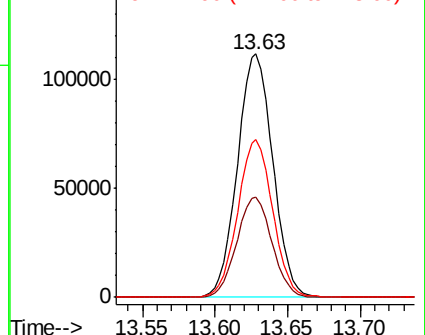
148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.450 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061886.D

Acq: 18 Jun 2020 7:05

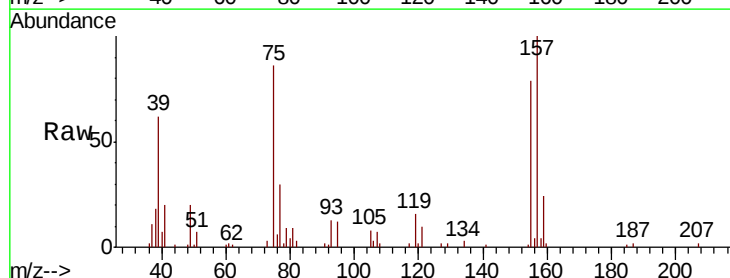
Tgt Ion: 75 Resp: 22215

Ion Ratio Lower Upper

75 100

155 91.7 44.4 133.2

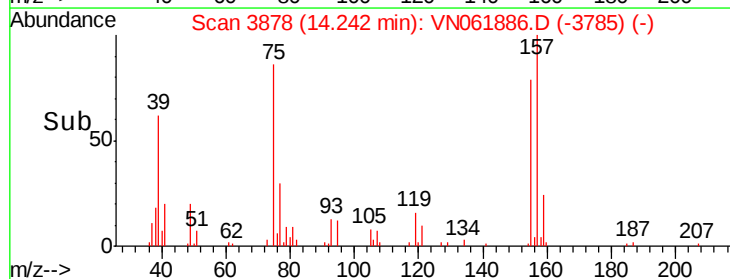
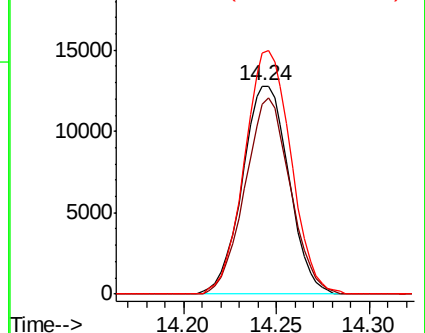
157 116.9 57.0 171.2

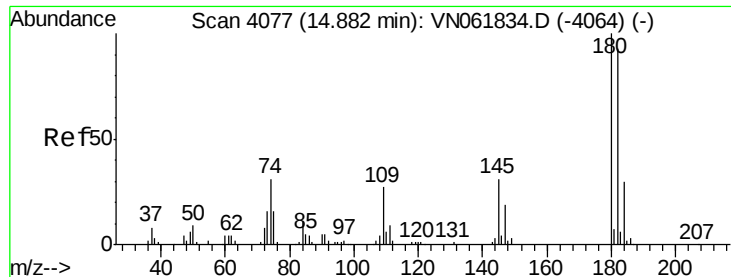


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

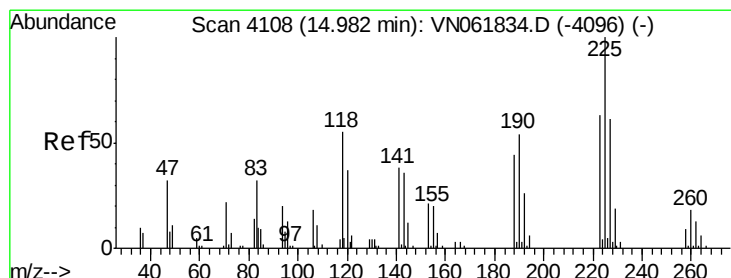
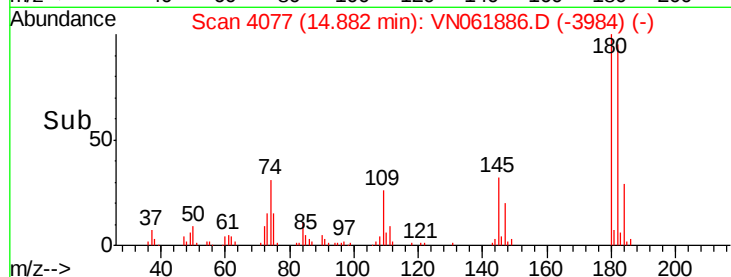
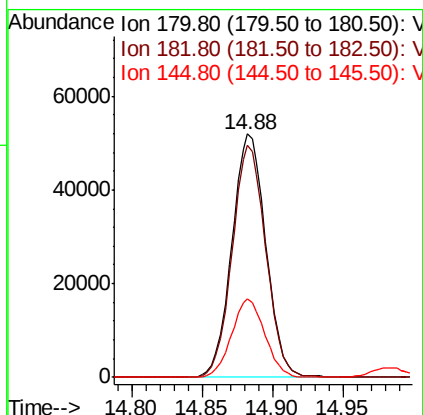
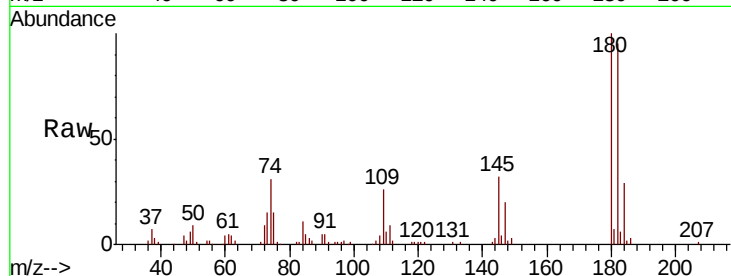




#93
 1,2,4-Trichlorobenzene
 Concen: 50.076 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

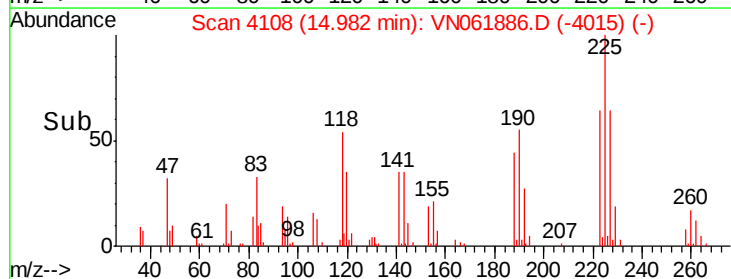
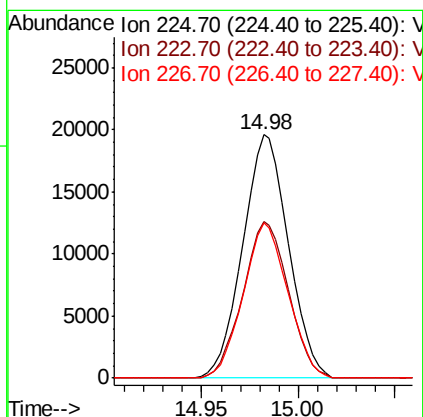
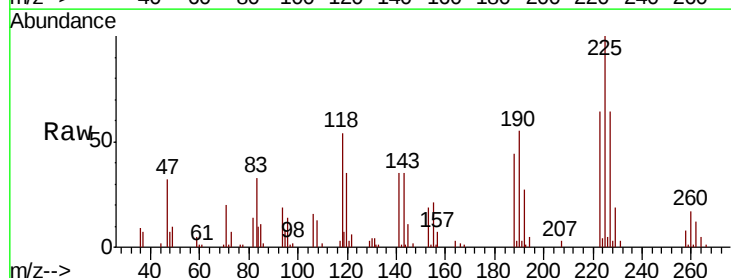
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

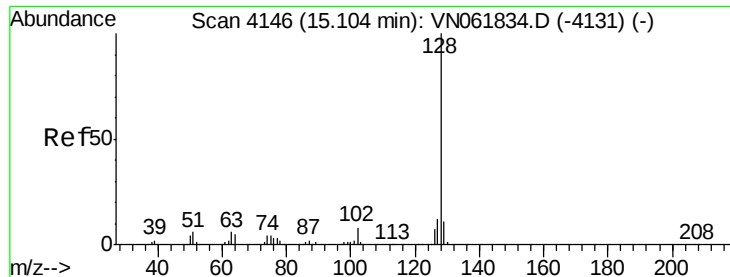
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.2
145	31.5	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 46.847 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061886.D
 Acq: 18 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.4	30.1	90.3

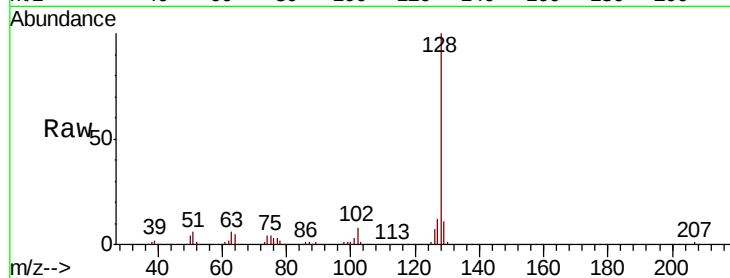




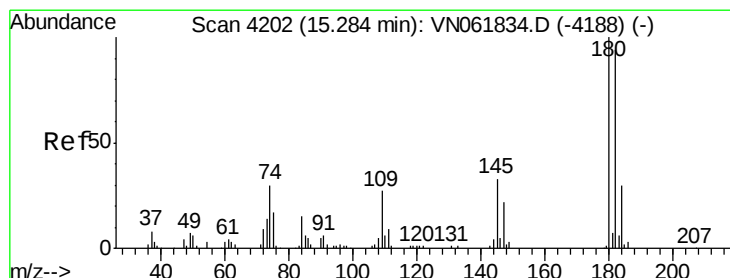
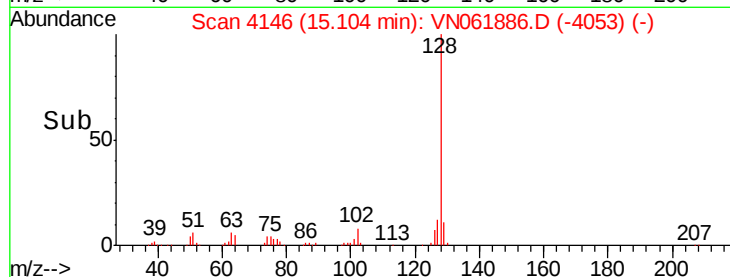
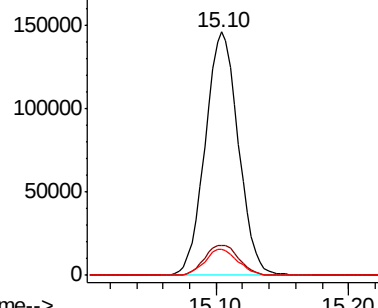
#95
Naphthalene
Concen: 43.765 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200611MS

Tot Ion:128 Resp: 252854
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

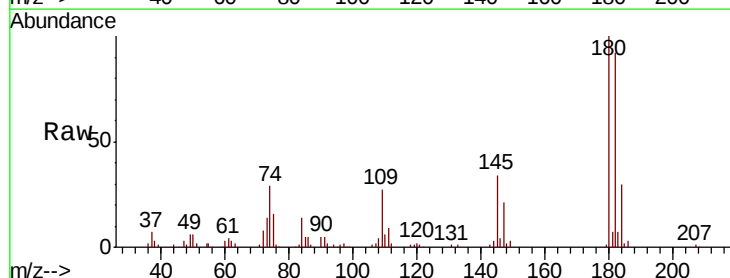


Abundance Ion 128.00 (127.70 to 128.70): V
200000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.484 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061886.D
Acq: 18 Jun 2020 7:05

Tgt Ion:180 Resp: 87189
Ion Ratio Lower Upper
180 100
182 92.7 47.9 143.6
145 33.6 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
60000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

