

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
 Data File : VN062570.D
 Acq On : 21 Jul 2020 13:34
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Jul 21 13:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169763	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	520516	158.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.54%	
35) Dibromofluoromethane	7.55	113	372615	166.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.86%	
50) Toluene-d8	10.06	98	1502531	169.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.66%	
62) 4-Bromofluorobenzene	12.38	95	586020	180.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	361.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	374925	169.659	ug/l	99
3) Chloromethane	2.04	50	534470	154.155	ug/l	98
4) Vinyl Chloride	2.16	62	448943	156.395	ug/l	99
5) Bromomethane	2.50	94	198433	133.920	ug/l	96
6) Chloroethane	2.65	64	199587	124.022	ug/l	99
7) Trichlorofluoromethane	2.97	101	511558	141.473	ug/l	99
8) Diethyl Ether	3.37	74	255206	157.073	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	337477	156.667	ug/l	99
10) Methyl Iodide	3.91	142	482725	170.670	ug/l	98
11) Tert butyl alcohol	4.74	59	398317	737.135	ug/l	100
12) 1,1-Dichloroethene	3.69	96	349423	158.961	ug/l	98
13) Acrolein	3.56	56	423895	989.842	ug/l	100
14) Allyl chloride	4.27	41	774110	151.576	ug/l	100
15) Acrylonitrile	4.93	53	1122111	789.899	ug/l	100
16) Acetone	3.78	43	897083	652.514	ug/l	99
17) Carbon Disulfide	4.00	76	1130564	163.116	ug/l	100
18) Methyl Acetate	4.28	43	477435	139.266	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1305190	156.692	ug/l	100
20) Methylene Chloride	4.50	84	428375	143.204	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	381375	160.192	ug/l	99
22) Diisopropyl ether	5.90	45	1495982	148.222	ug/l	97
23) Vinyl Acetate	5.84	43	6253317	747.923	ug/l	98
24) 1,1-Dichloroethane	5.80	63	803384	153.100	ug/l	100
25) 2-Butanone	6.79	43	1502434	747.438	ug/l	99
26) 2,2-Dichloropropane	6.77	77	628950	154.621	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	438275	158.815	ug/l	100
28) Bromochloromethane	7.15	49	418189	147.747	ug/l	100
29) Tetrahydrofuran	7.17	42	997348	735.336	ug/l	100
30) Chloroform	7.33	83	738870	155.016	ug/l	100
31) Cyclohexane	7.61	56	716279	144.613	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	639389	160.825	ug/l	99
36) 1,1-Dichloropropene	7.75	75	593960	163.659	ug/l	99
37) Ethyl Acetate	6.88	43	626873	148.546	ug/l	99
38) Carbon Tetrachloride	7.73	117	559741	168.814	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	658854	170.140	ug/l	98
40) Benzene	8.00	78	1730687	160.816	ug/l	100
41) Methacrylonitrile	7.12	41	288432	166.747	ug/l	90
42) 1,2-Dichloroethane	8.08	62	635670	161.325	ug/l	100
43) Isopropyl Acetate	8.13	43	1068565	160.230	ug/l #	91
44) Trichloroethene	8.80	130	396405	165.406	ug/l	99
45) 1,2-Dichloropropane	9.08	63	494938	159.383	ug/l	100
46) Dibromomethane	9.17	93	287788	163.147	ug/l	99
47) Bromodichloromethane	9.37	83	624702	166.060	ug/l	99
48) Methyl methacrylate	9.17	41	519807	159.650	ug/l	99
49) 1,4-Dioxane	9.17	88	156195	3257.359	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3127491	786.501	ug/l	98
52) Toluene	10.12	92	1064078	170.330	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	740687	175.220	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	790160	169.795	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	403981	165.654	ug/l	98
56) Ethyl methacrylate	10.40	69	730742	179.882	ug/l	99
57) 1,3-Dichloropropane	10.68	76	747188	165.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1132778	809.001	ug/l	99
59) 2-Hexanone	10.72	43	2335321	808.177	ug/l	99
60) Dibromochloromethane	10.87	129	460906	172.669	ug/l	98
61) 1,2-Dibromoethane	10.98	107	429275	173.013	ug/l	99
64) Tetrachloroethene	10.60	164	328648	160.279	ug/l	98
65) Chlorobenzene	11.41	112	1096663	163.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	413641	167.595	ug/l	99
67) Ethyl Benzene	11.48	91	2083668	166.458	ug/l	99
68) m/p-Xylenes	11.60	106	1528604	343.458	ug/l	98
69) o-Xylene	11.92	106	739653	171.110	ug/l	98
70) Styrene	11.94	104	1291766	180.635	ug/l	100
71) Bromoform	12.10	173	329683	181.515	ug/l #	99
73) Isopropylbenzene	12.22	105	1971936	150.444	ug/l	100
74) N-amyl acetate	12.05	43	996595	158.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	629981	143.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	861366	204.949	ug/l #	100
77) Bromobenzene	12.50	156	463224	154.827	ug/l	98
78) n-propylbenzene	12.57	91	2370902	155.188	ug/l	100
79) 2-Chlorotoluene	12.65	91	1417990	152.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1723582	159.637	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	239681	155.169	ug/l	99
82) 4-Chlorotoluene	12.75	91	1506285	159.341	ug/l	100
83) tert-Butylbenzene	12.97	119	1431554	156.830	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1729802	161.668	ug/l	100
85) sec-Butylbenzene	13.15	105	1927011	159.611	ug/l	100
86) p-Isopropyltoluene	13.26	119	1728762	165.934	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	844917	163.748	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	841486	158.791	ug/l	99
89) n-Butylbenzene	13.59	91	1554841	169.808	ug/l	99
90) Hexachloroethane	13.85	117	335335	163.155	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	804225	160.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	132856	165.705	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 13:13:13 2020
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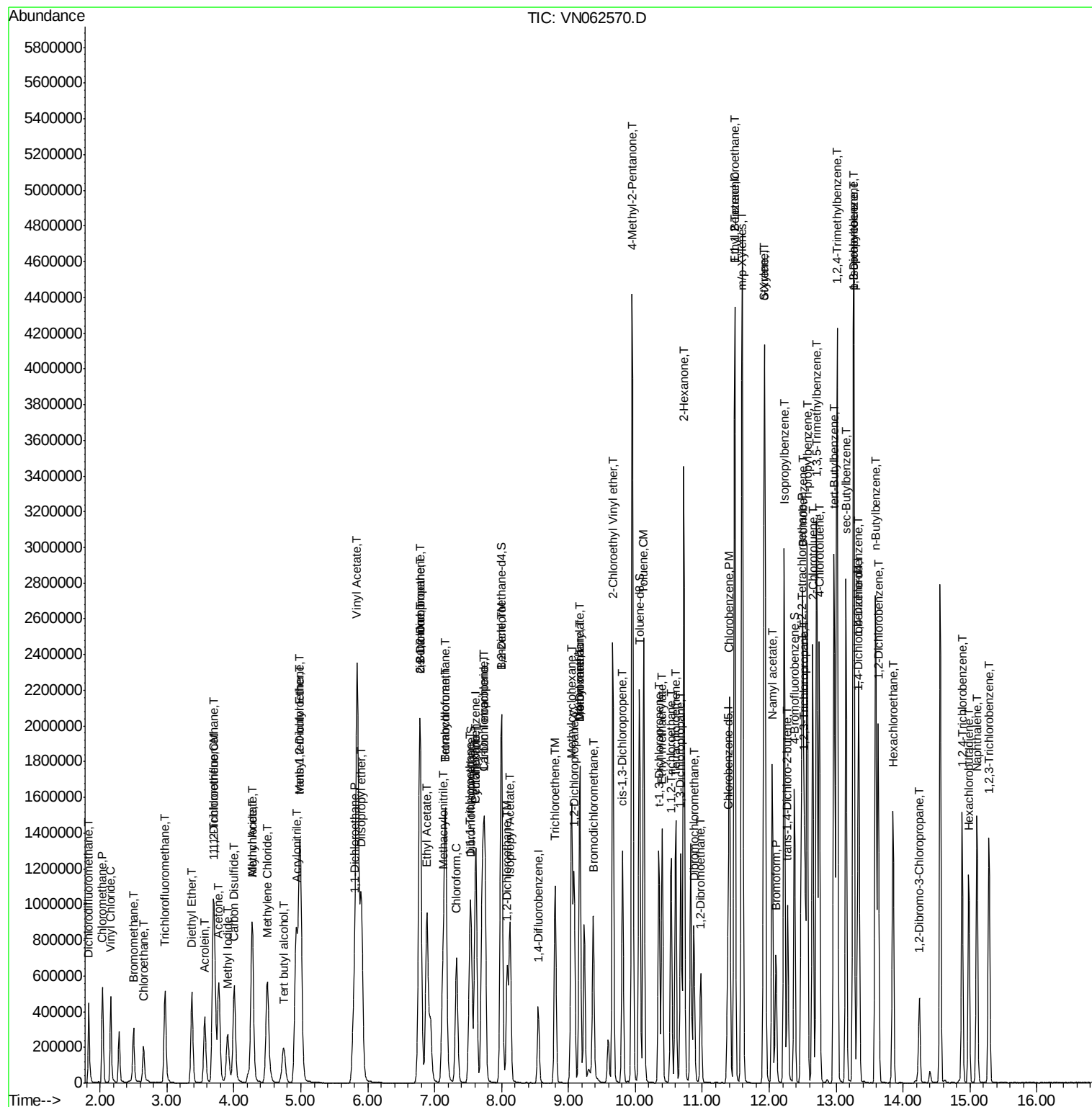
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	456810	203.630	ug/l	99
94) Hexachlorobutadiene	14.98	225	221362	165.221	ug/l	98
95) Naphthalene	15.10	128	1228375	195.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	444452	190.409	ug/l	100

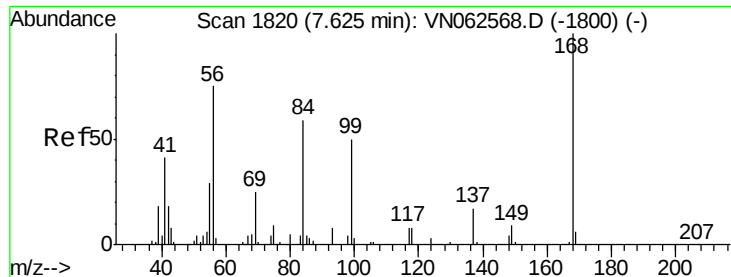
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

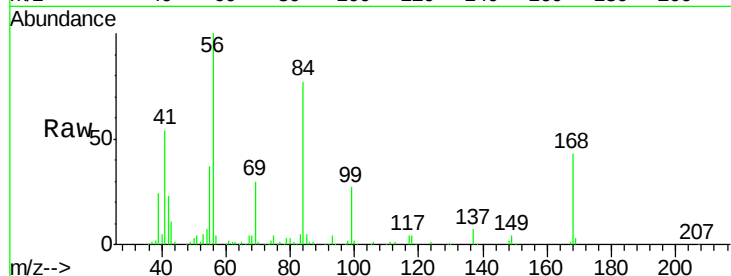
VSTDIC150

Tgt Ion:168 Resp: 214198

Ion Ratio Lower Upper

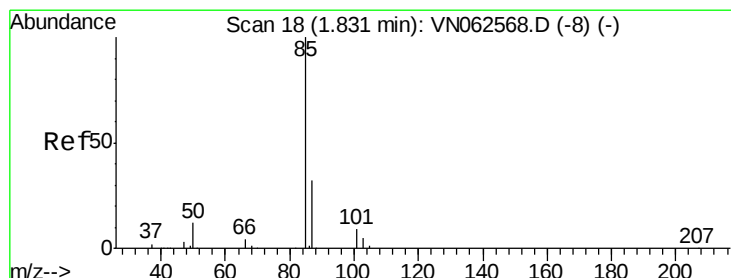
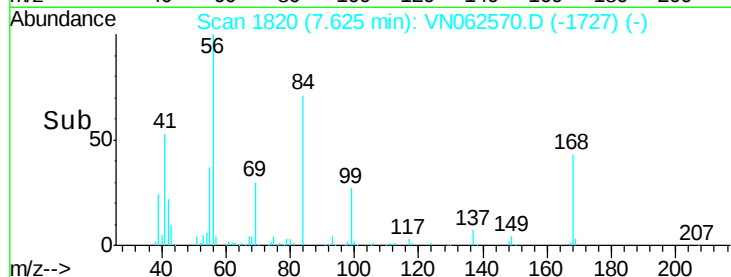
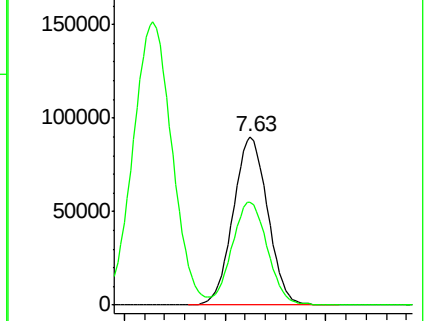
168 100

99 60.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 169.659 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062570.D

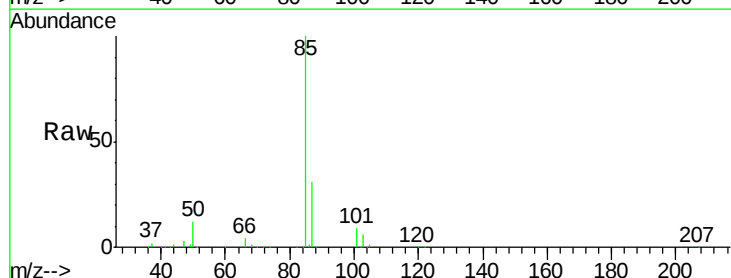
Acq: 21 Jul 2020 13:34

Tgt Ion: 85 Resp: 374925

Ion Ratio Lower Upper

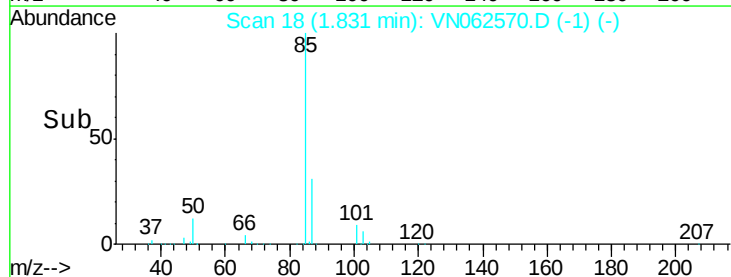
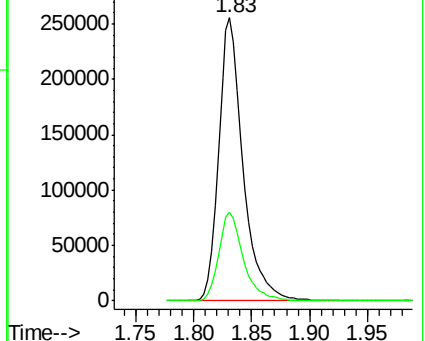
85 100

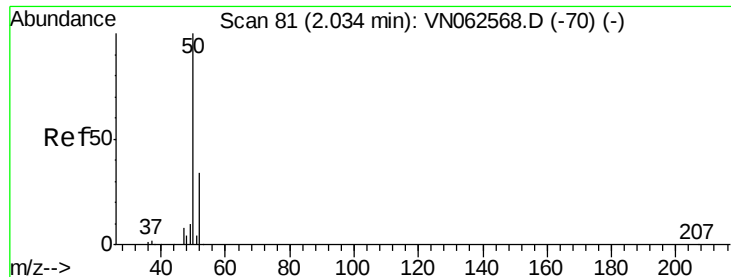
87 31.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 154.155 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

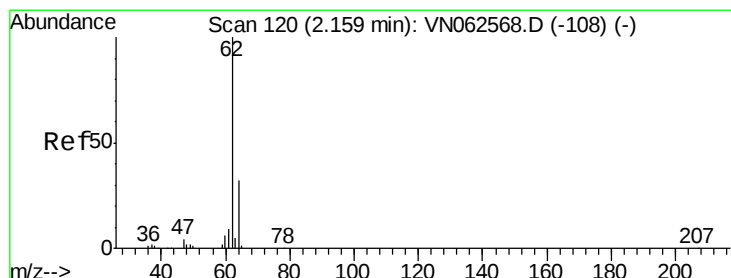
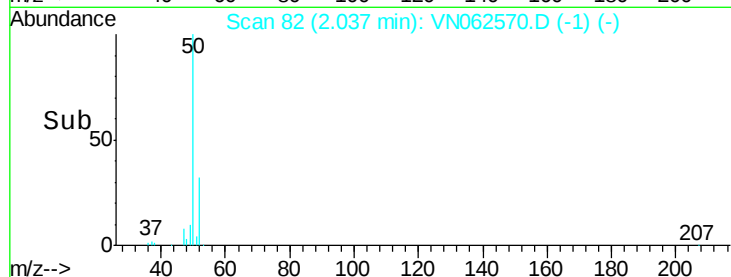
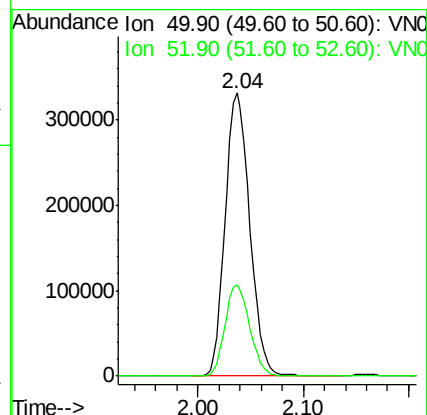
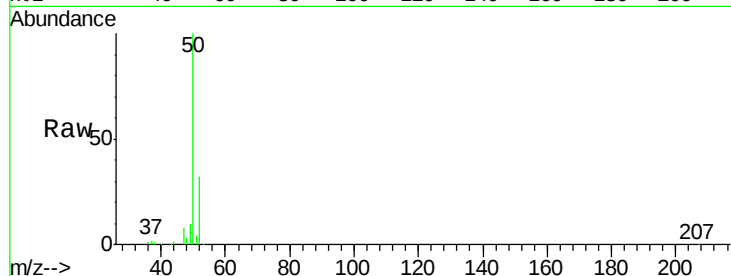
VSTDIC150

Tgt Ion: 50 Resp: 534470

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.4



#4

Vinyl Chloride

Concen: 156.395 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062570.D

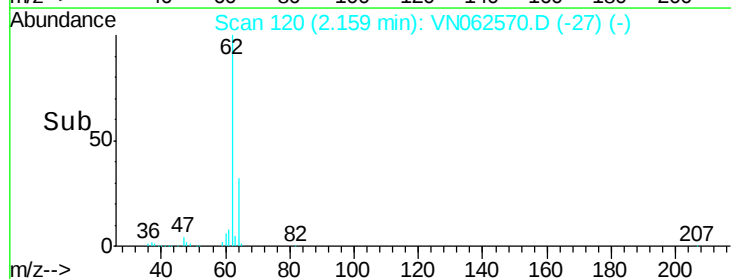
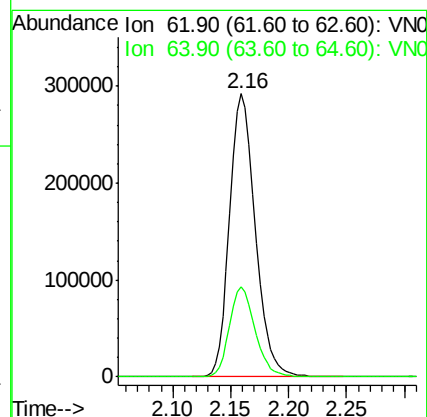
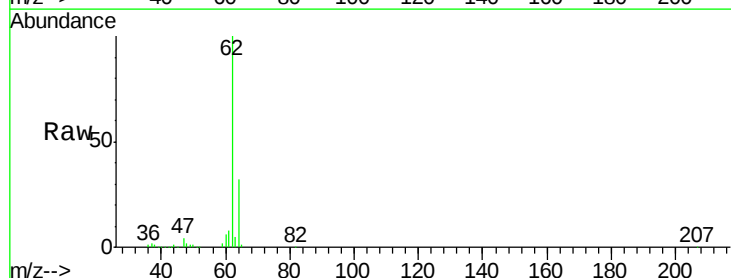
Acq: 21 Jul 2020 13:34

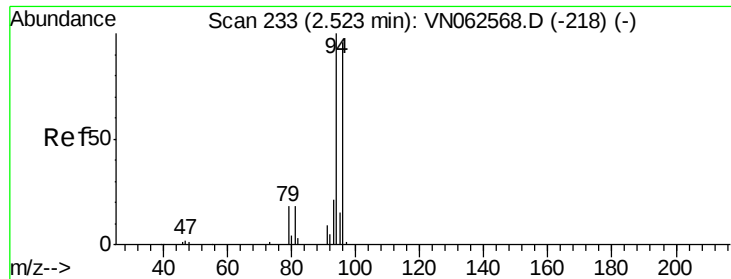
Tgt Ion: 62 Resp: 448943

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 133.920 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

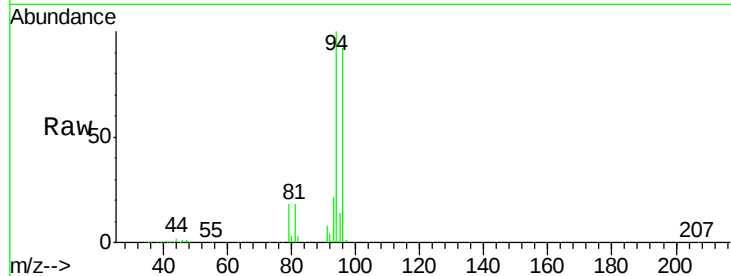
VSTDIC150

Tgt Ion: 94 Resp: 198433

Ion Ratio Lower Upper

94 100

96 92.1 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN062568.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN062568.D (-218) (-)

2.50

120000

100000

80000

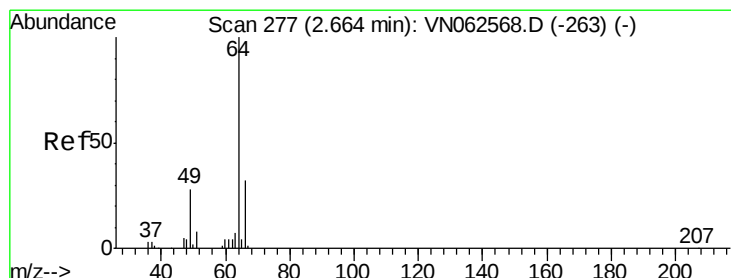
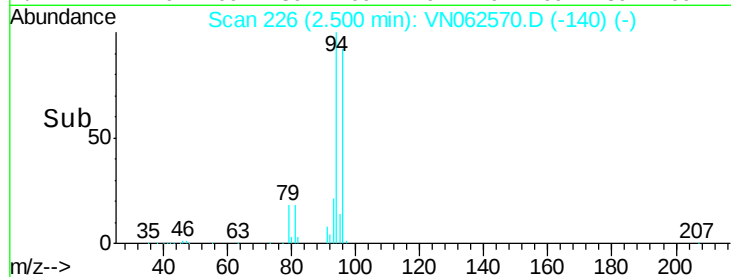
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 124.022 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062570.D

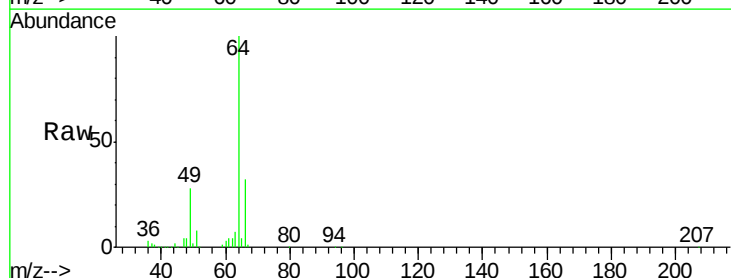
Acq: 21 Jul 2020 13:34

Tgt Ion: 64 Resp: 199587

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN062568.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062568.D (-263) (-)

2.65

100000

80000

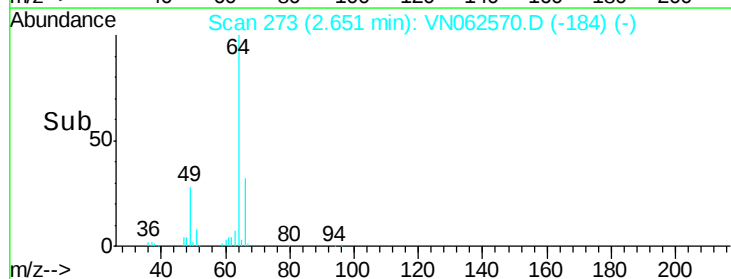
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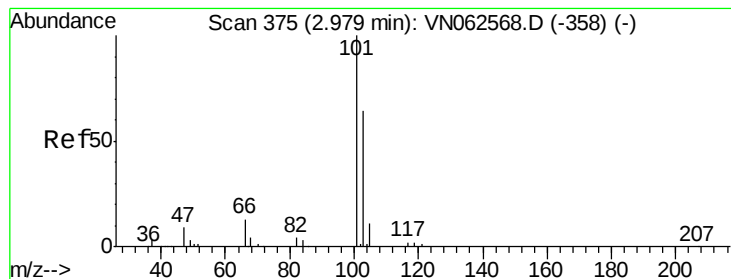
40000

20000

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Time-->



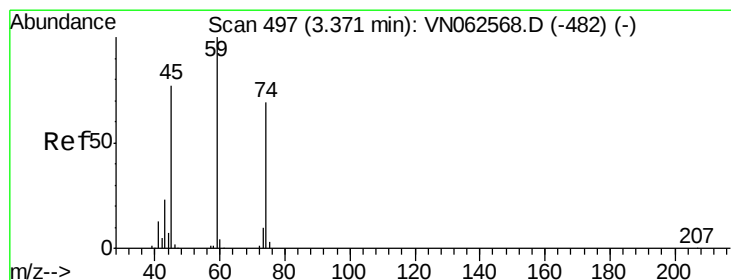
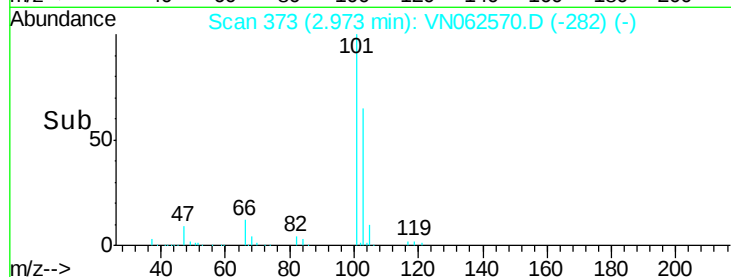
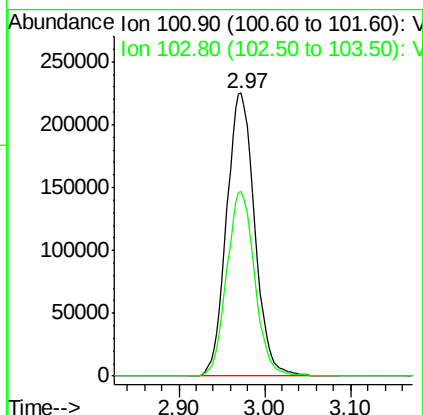
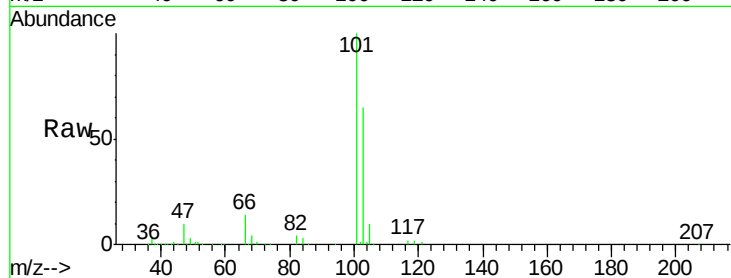


#7

Trichlorofluoromethane
 Concen: 141.473 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Instrument :
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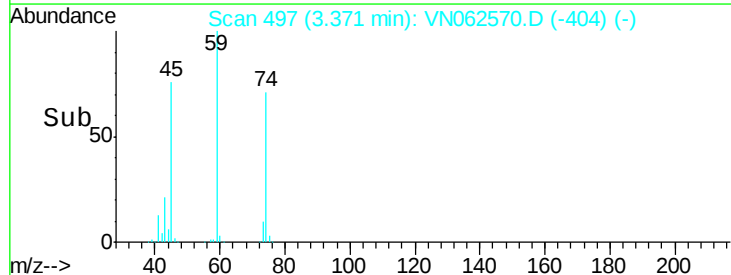
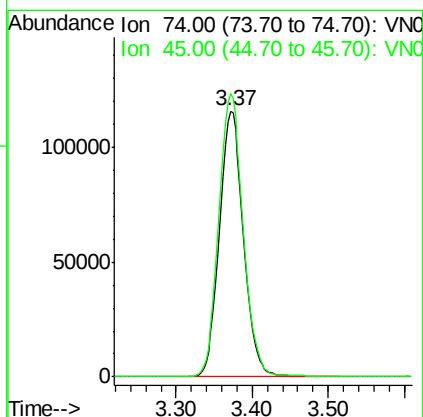
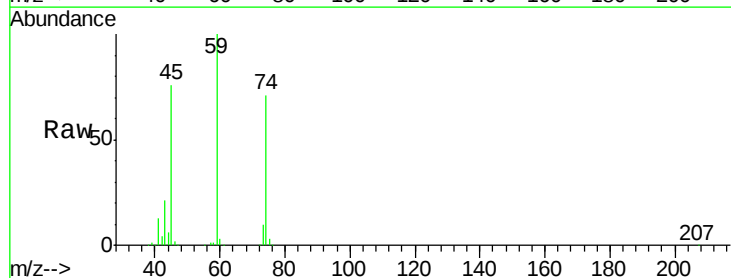
Tgt Ion:101 Resp: 511558
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3

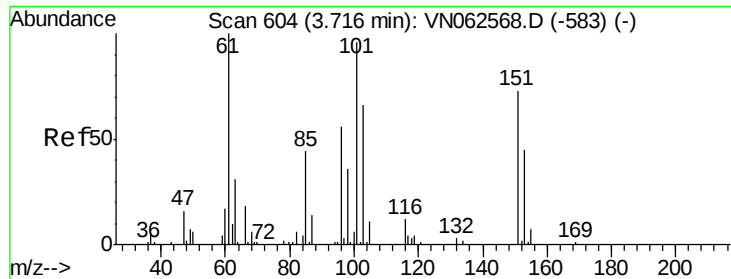


#8

Diethyl Ether
 Concen: 157.073 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 74 Resp: 255206
 Ion Ratio Lower Upper
 74 100
 45 108.0 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 156.667 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

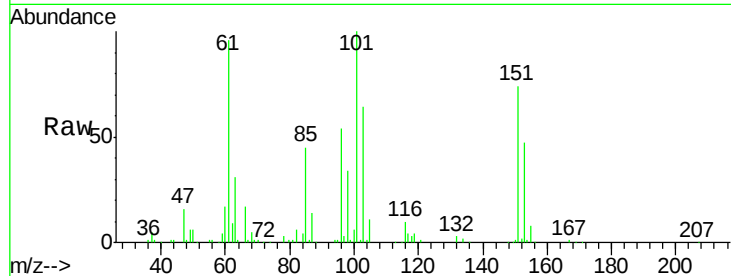
Tgt Ion:101 Resp: 337477

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

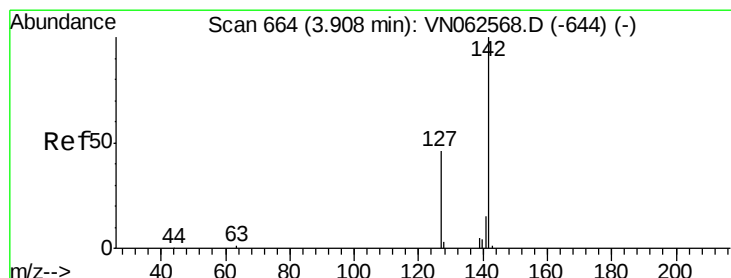
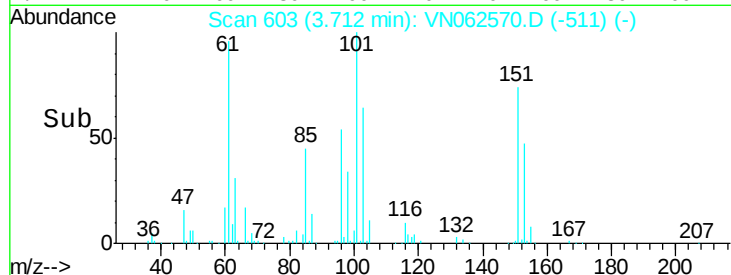
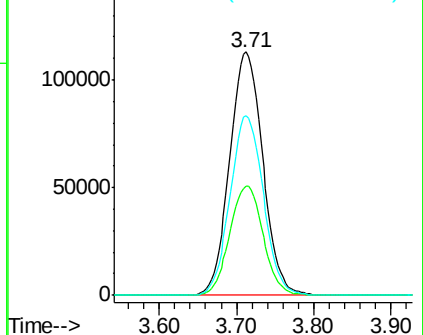
151 74.2 60.0 90.0



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: 170.670 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

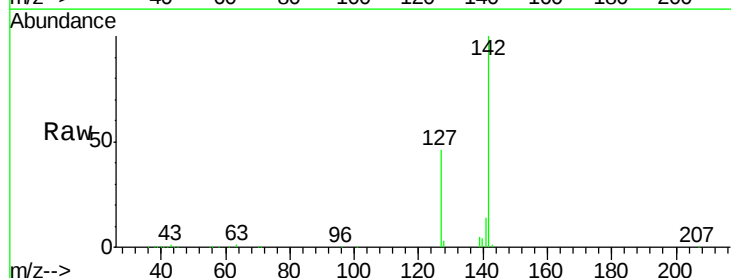
Tgt Ion:142 Resp: 482725

Ion Ratio Lower Upper

142 100

127 45.7 37.4 56.0

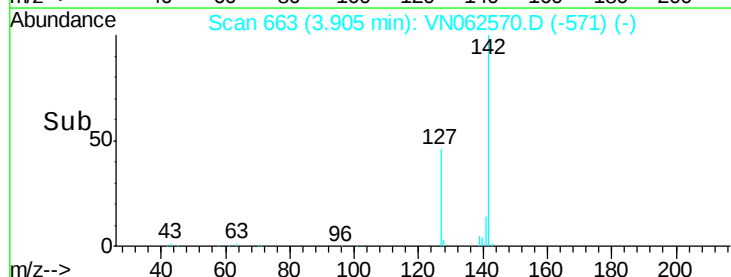
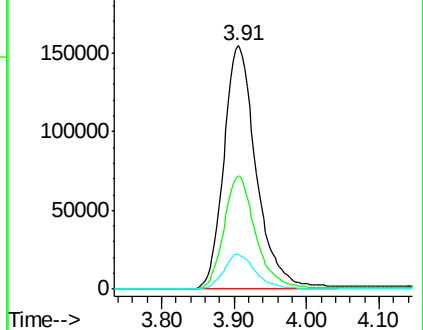
141 14.2 11.9 17.9

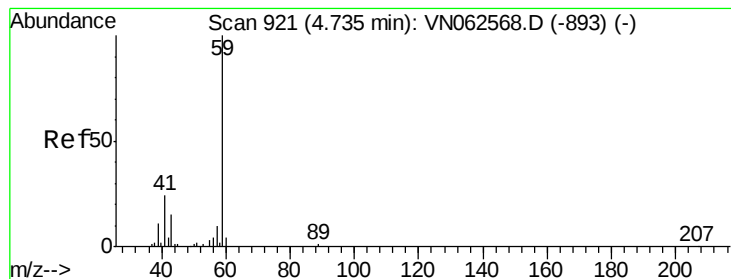


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 737.135 ug/l

RT: 4.74 min Scan# 924

Delta R.T. 0.01 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

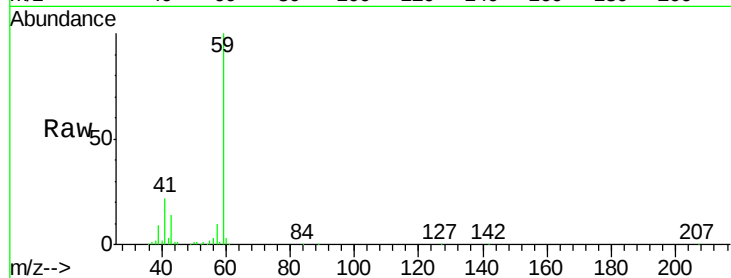
VSTDIC150

Tgt Ion: 59 Resp: 398317

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN062568.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN062568.D (-893) (-)

4.74

120000

100000

80000

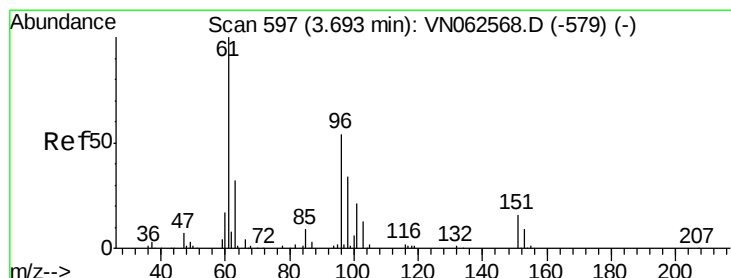
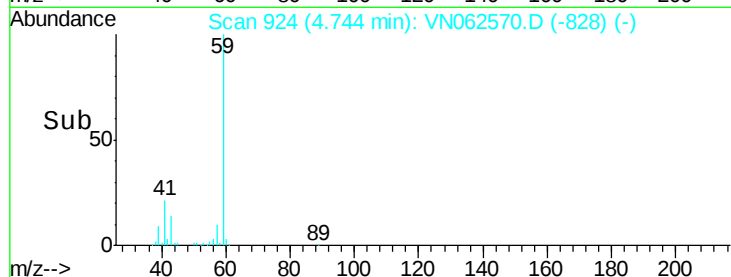
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 158.961 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

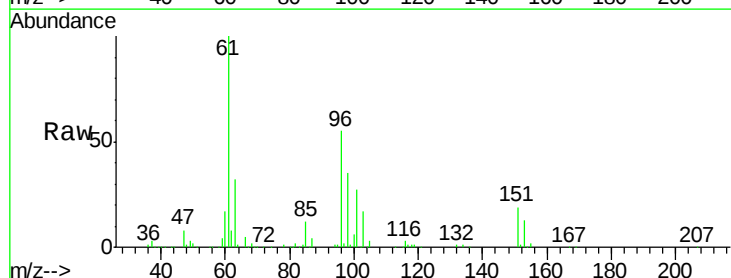
Tgt Ion: 96 Resp: 349423

Ion Ratio Lower Upper

96 100

61 182.5 148.6 222.8

98 63.2 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-579) (-)

3.69

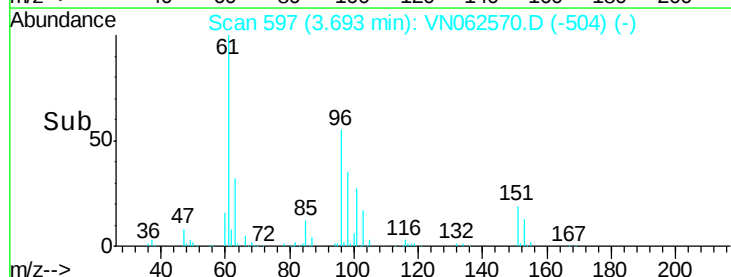
300000

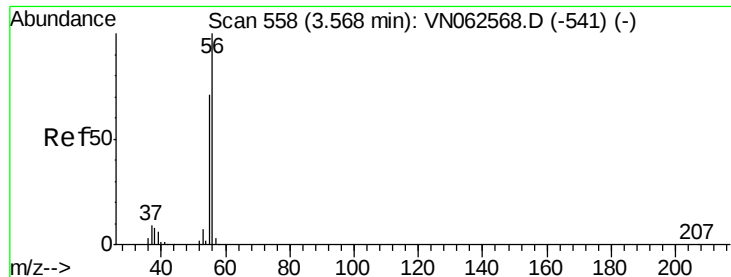
200000

100000

0

Time-->





#13

Acrolein

Concen: 989.842 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

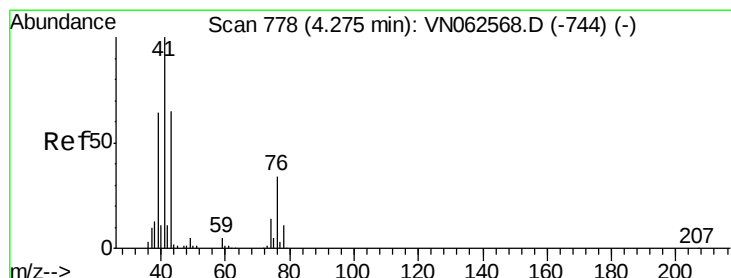
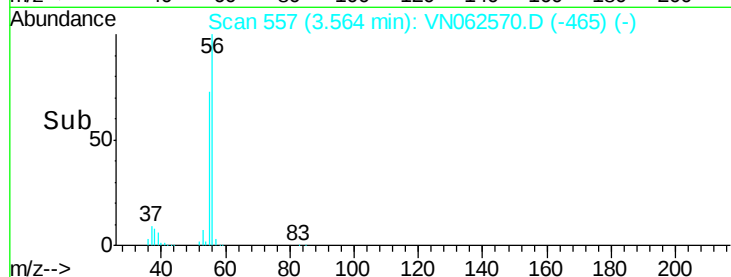
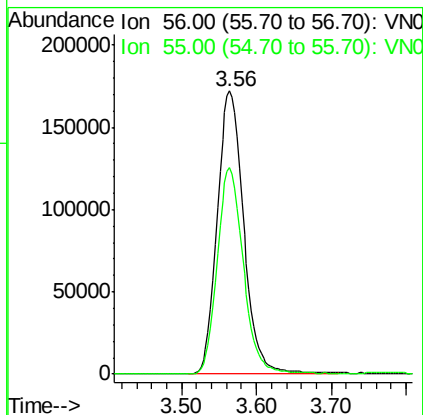
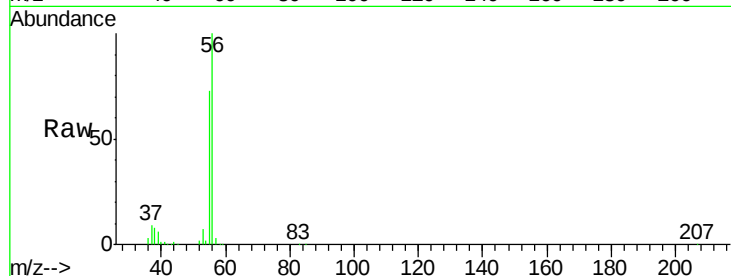
VSTDIC150

Tgt Ion: 56 Resp: 423895

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



#14

Allyl chloride

Concen: 151.576 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

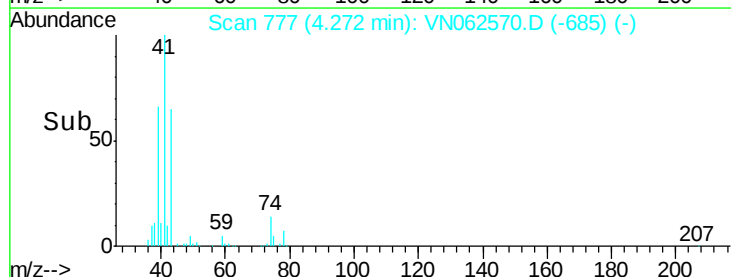
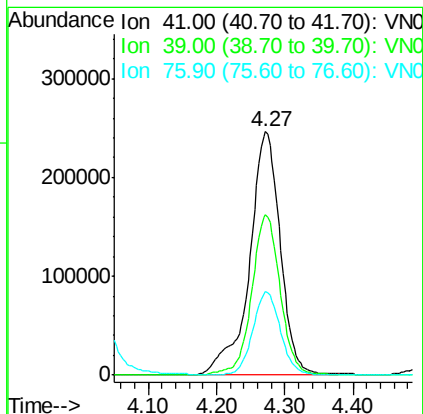
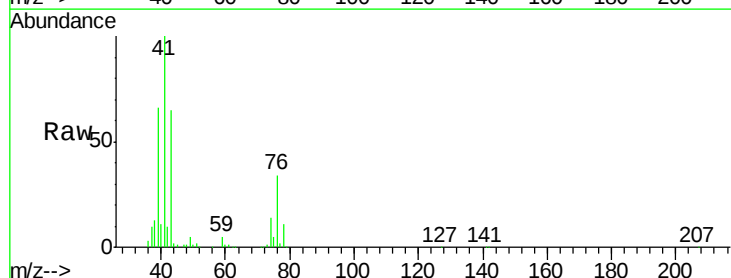
Tgt Ion: 41 Resp: 774110

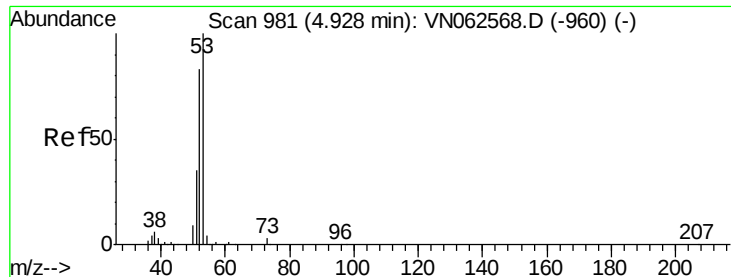
Ion Ratio Lower Upper

41 100

39 60.9 49.0 73.4

76 30.1 24.0 36.0





#15

Acrylonitrile

Concen: 789.899 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

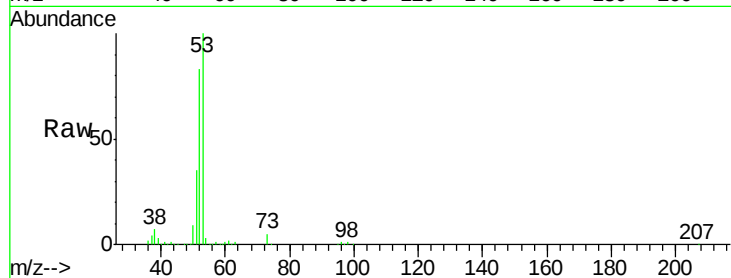
Tgt Ion: 53 Resp: 1122111

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

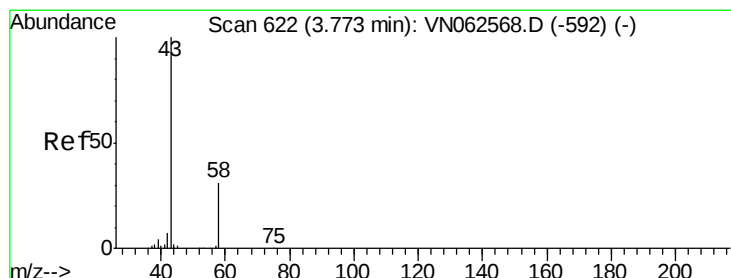
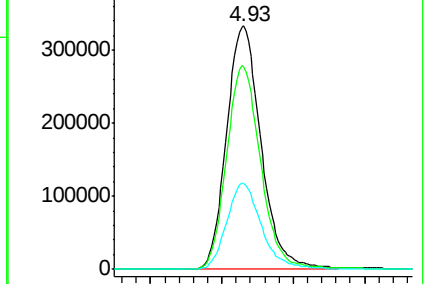
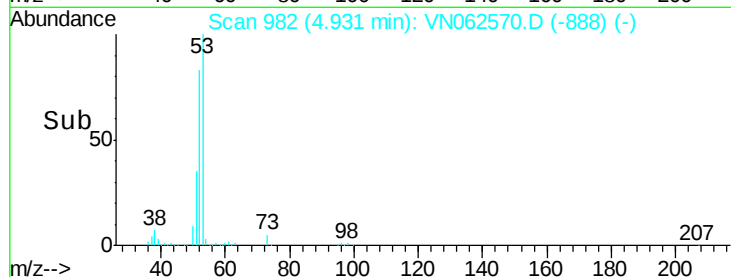
51 35.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062568.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062568.D (-960) (-)



#16

Acetone

Concen: 652.514 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062570.D

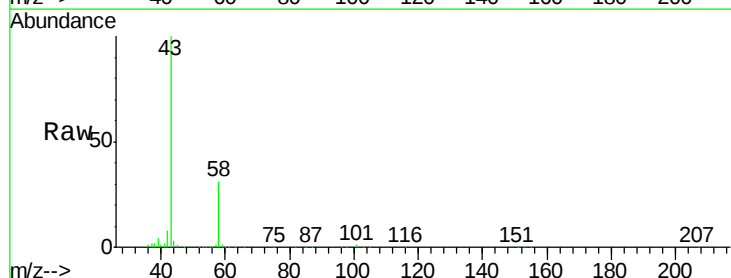
Acq: 21 Jul 2020 13:34

Tgt Ion: 43 Resp: 897083

Ion Ratio Lower Upper

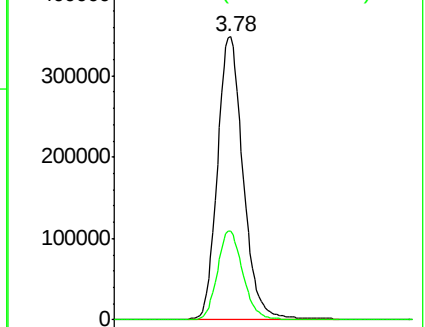
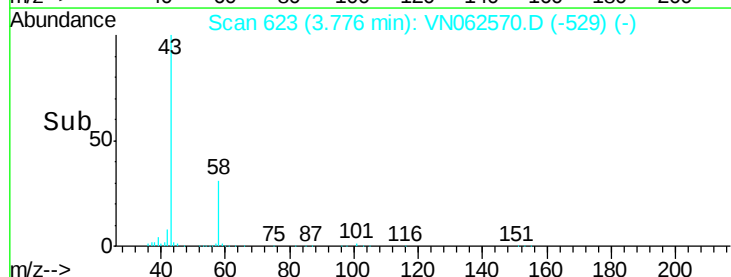
43 100

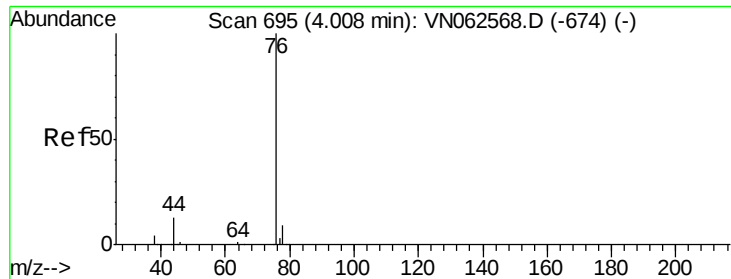
58 31.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-592) (-)

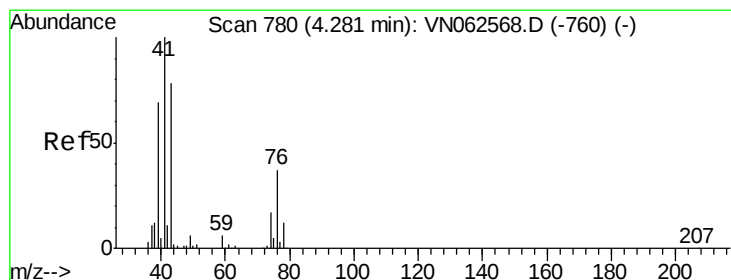
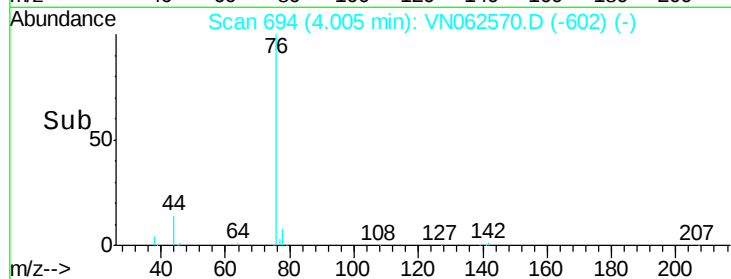
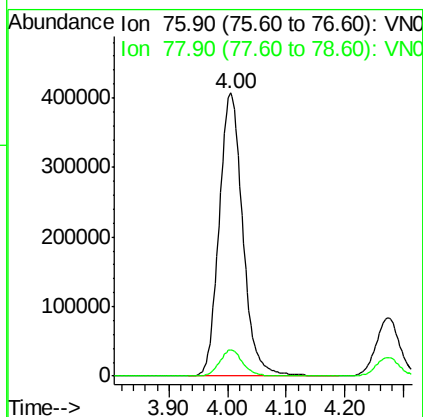
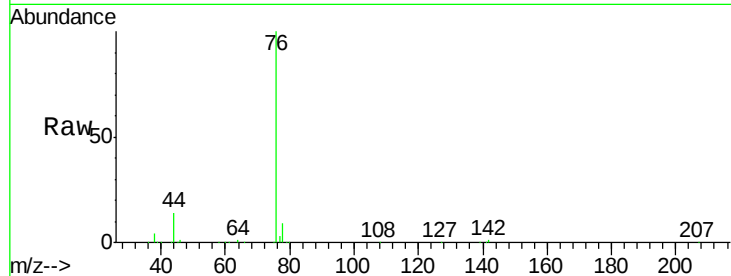




#17
Carbon Disulfide
Concen: 163.116 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

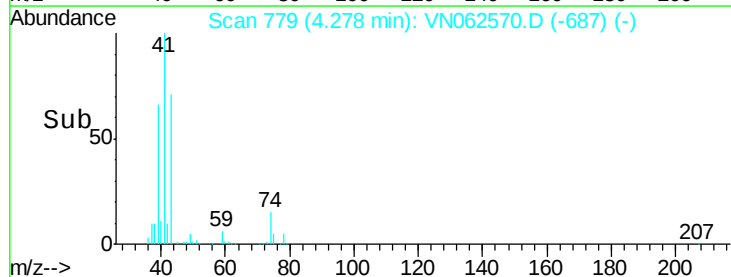
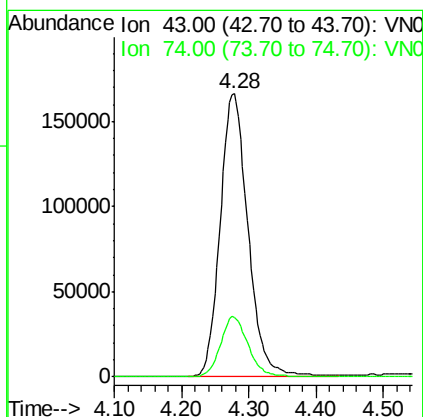
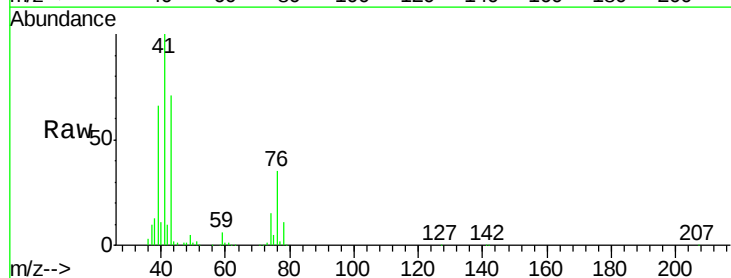
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

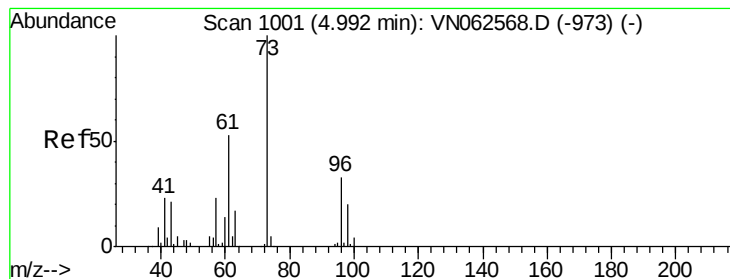
Tgt Ion: 76 Resp: 1130564
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 139.266 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 43 Resp: 477435
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8



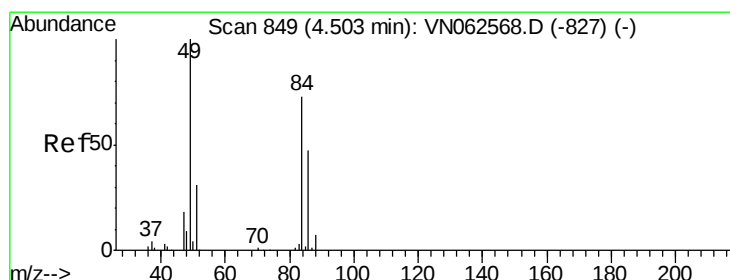
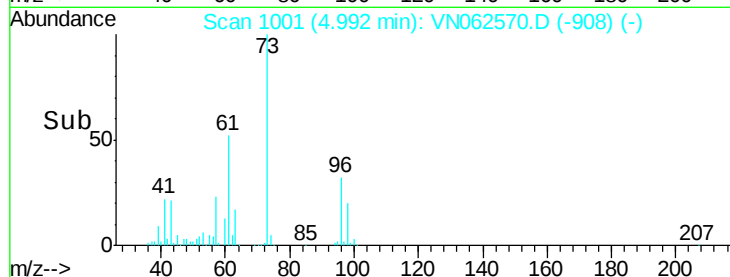
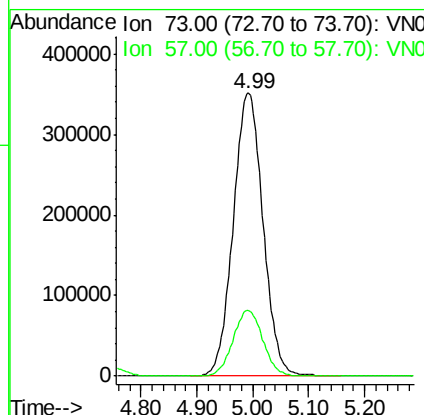
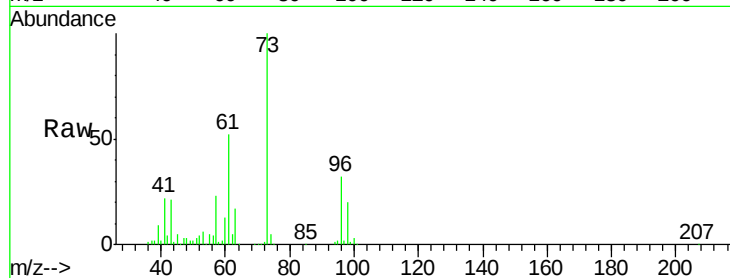


#19

Methyl tert-butyl Ether
 Concen: 156.692 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

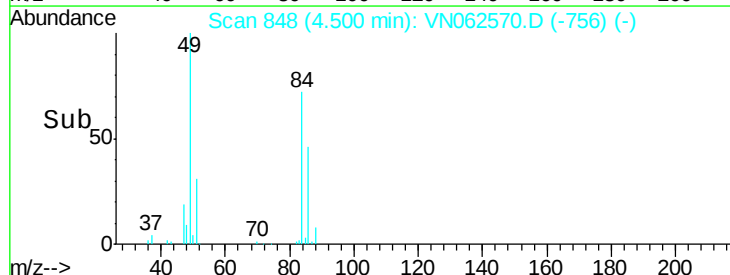
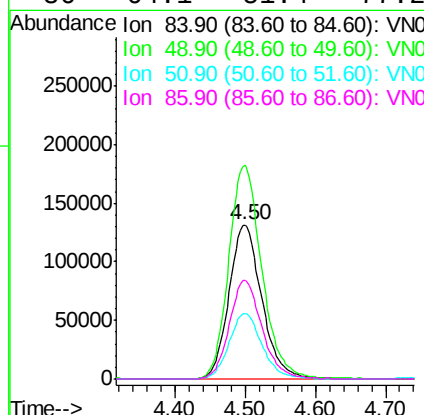
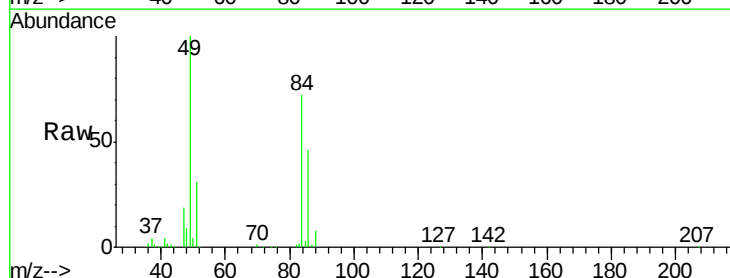
Tgt Ion: 73 Resp: 1305190
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.6 27.8

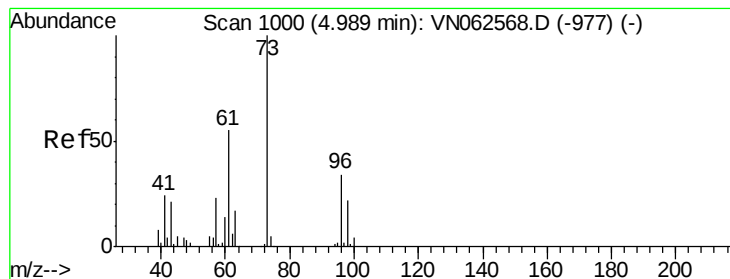


#20

Methylene Chloride
 Concen: 143.204 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 84 Resp: 428375
 Ion Ratio Lower Upper
 84 100
 49 138.7 109.4 164.0
 51 42.8 33.6 50.4
 86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 160.192 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

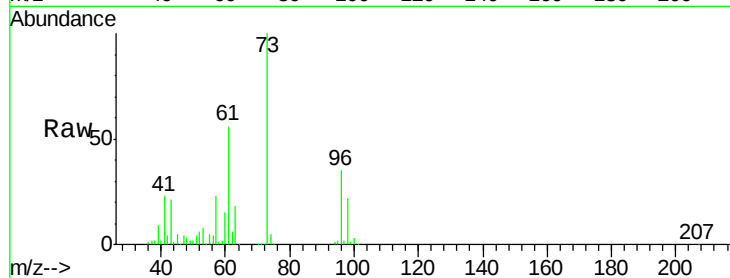
Tgt Ion: 96 Resp: 381375

Ion Ratio Lower Upper

96 100

61 159.8 128.6 192.8

98 62.9 50.6 76.0

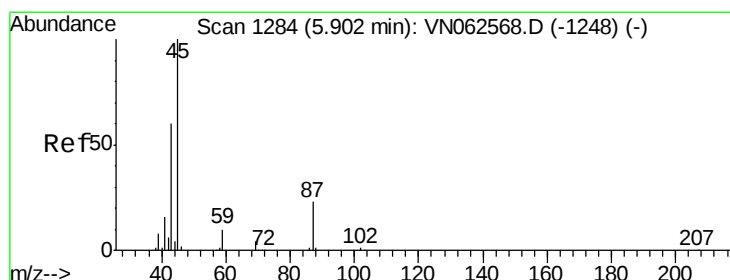
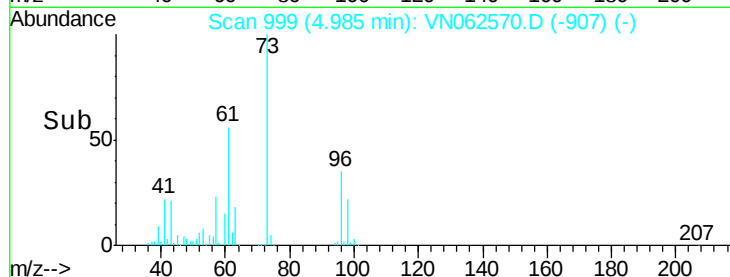
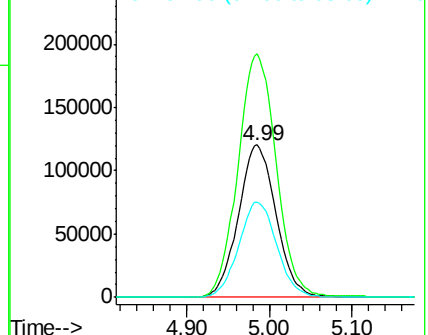


Abundance

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



#22

Diisopropyl ether

Concen: 148.222 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Tgt Ion: 45 Resp: 1495982

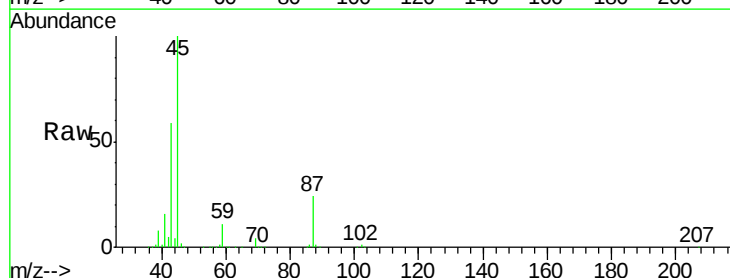
Ion Ratio Lower Upper

45 100

43 58.1 48.7 73.1

87 23.6 19.0 28.6

59 10.7 8.6 13.0



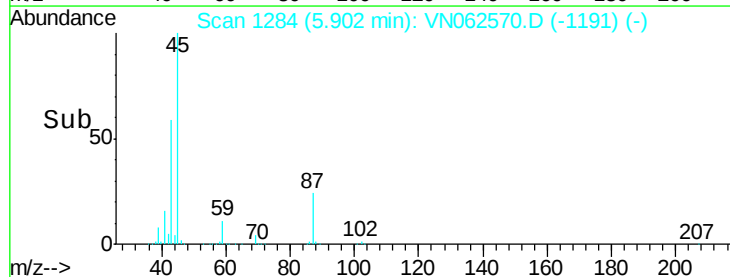
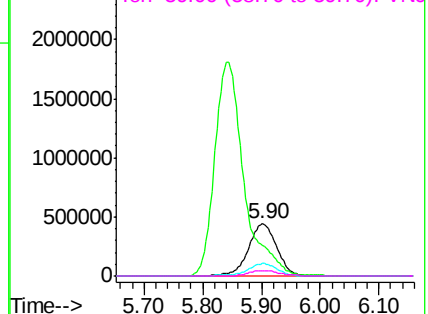
Abundance

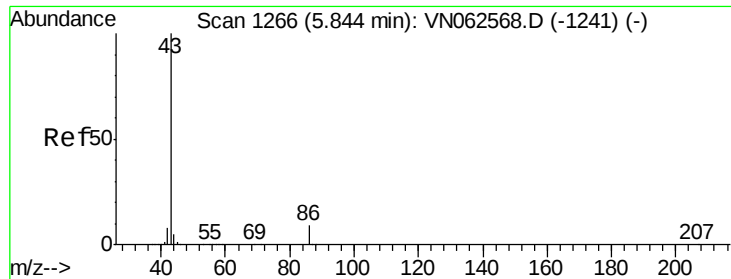
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

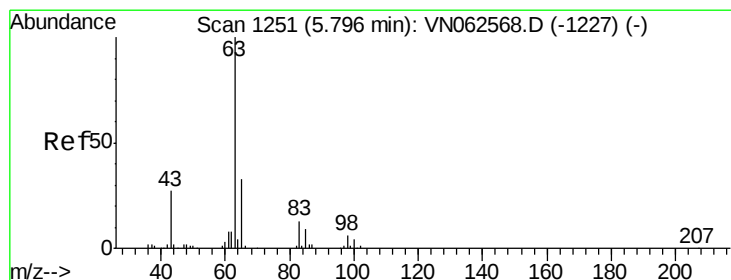
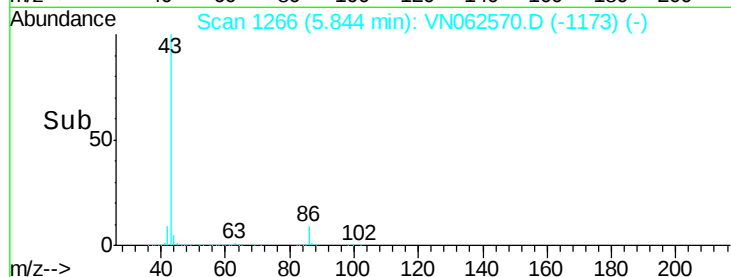
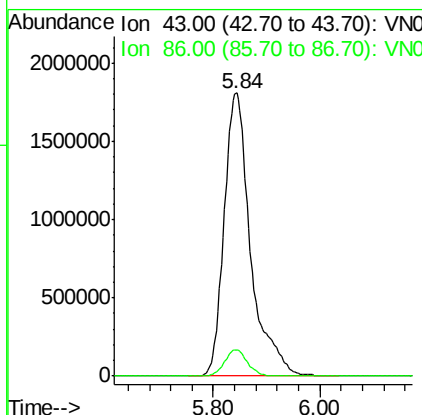
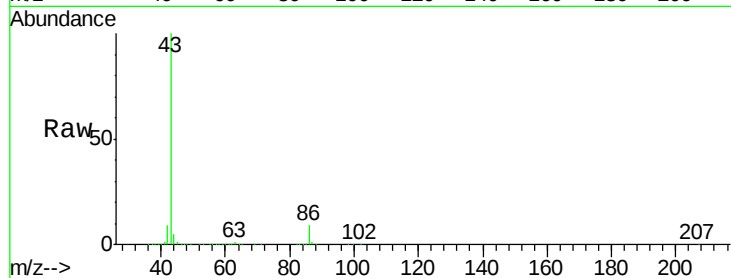




#23
 Vinyl Acetate
 Concen: 747.923 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

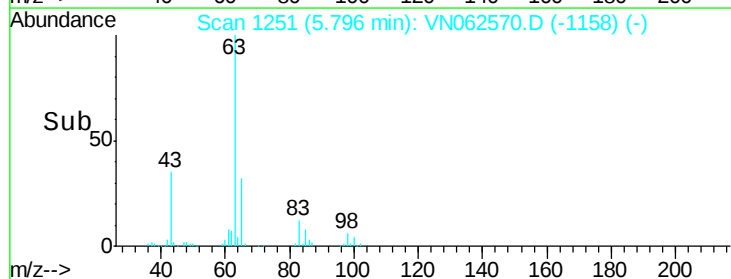
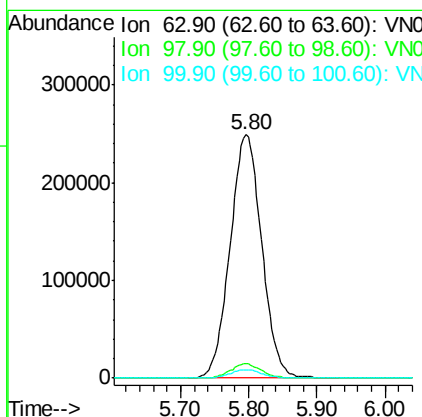
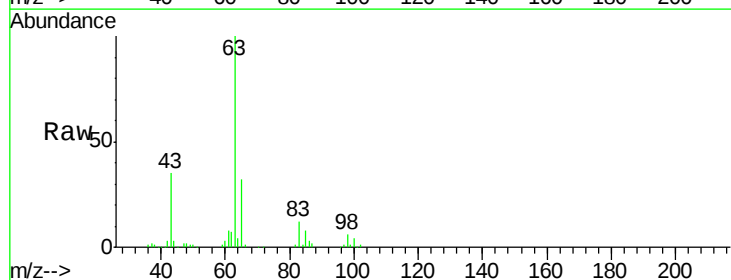
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

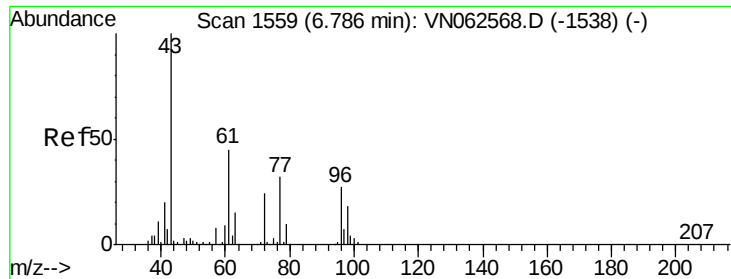
Tgt Ion: 43 Resp: 6253317
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 153.100 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 63 Resp: 803384
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.6 1.8 5.4

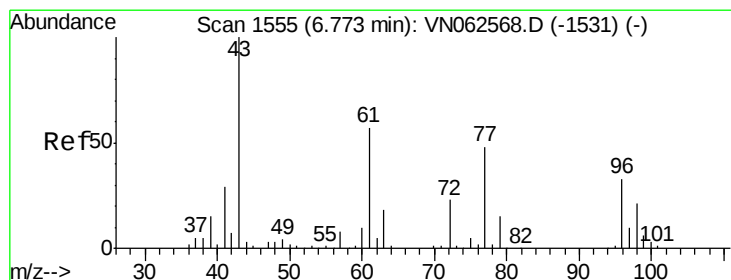
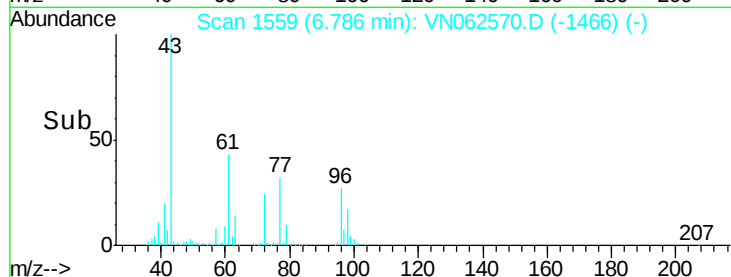
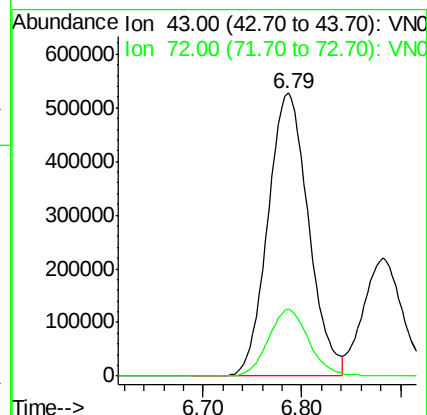
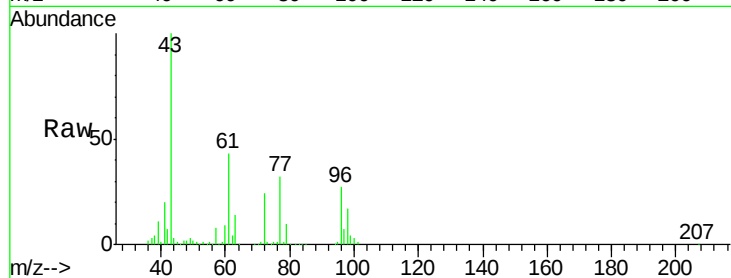




#25
2-Butanone
Concen: 747.438 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

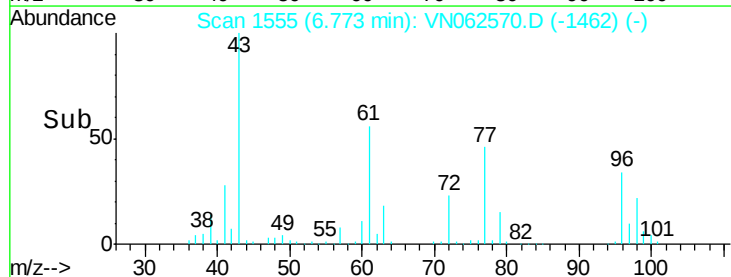
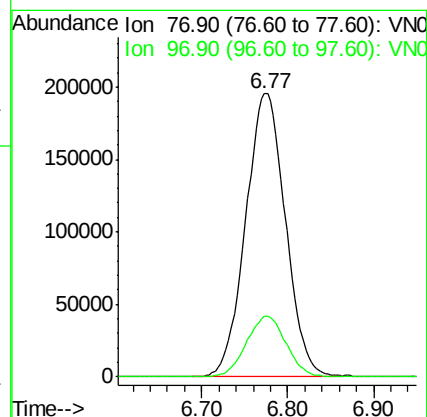
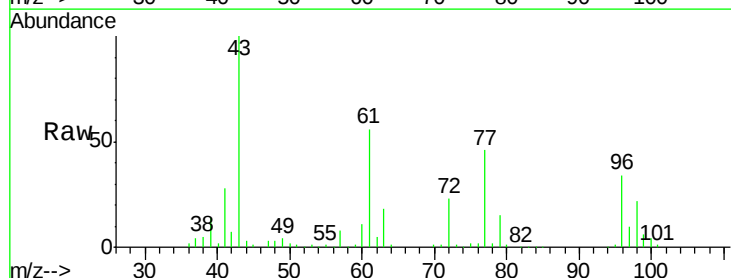
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

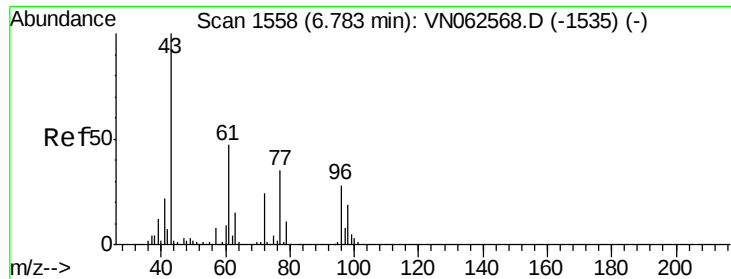
Tgt Ion: 43 Resp: 1502434
Ion Ratio Lower Upper
43 100
72 23.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 154.621 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 77 Resp: 628950
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 158.815 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

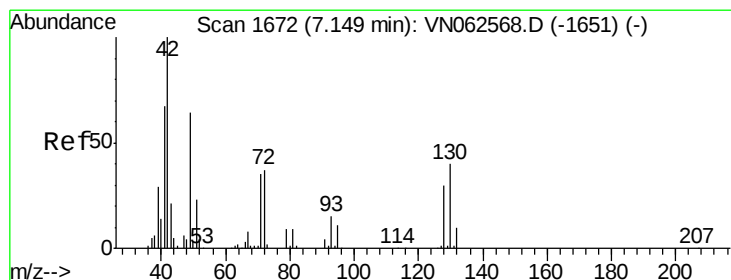
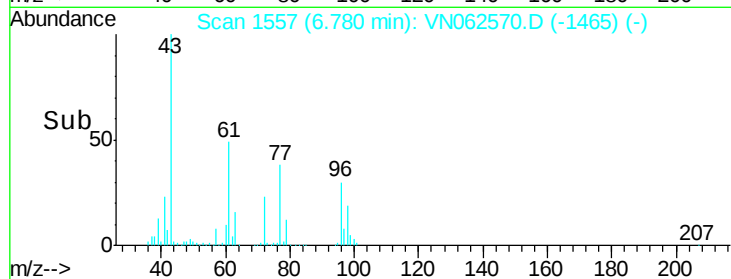
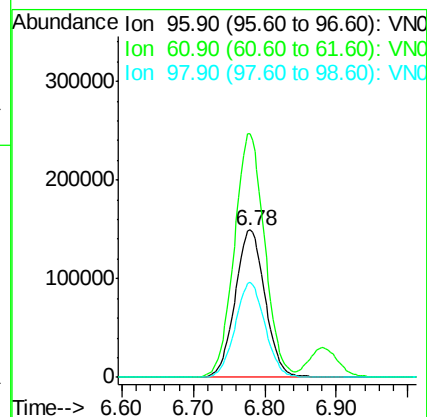
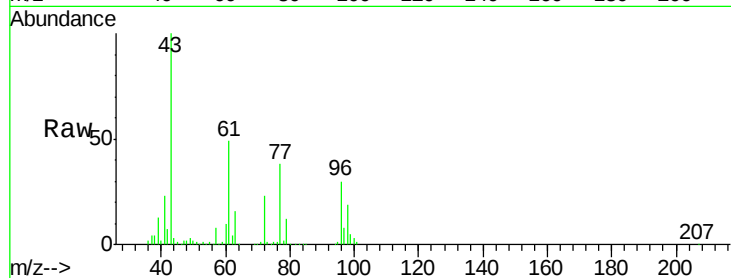
Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 438275

Ion	Ratio	Lower	Upper
96	100		
61	166.9	0.0	332.4
98	64.0	0.0	127.4



#28

Bromochloromethane

Concen: 147.747 ug/l

RT: 7.15 min Scan# 1672

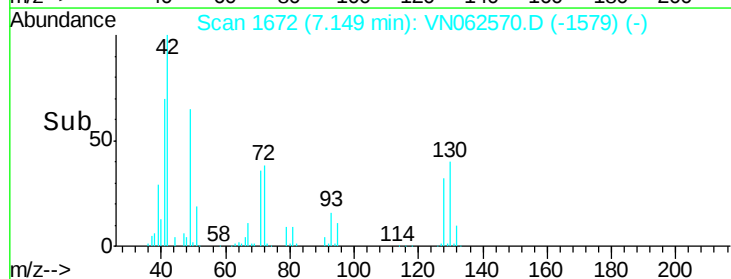
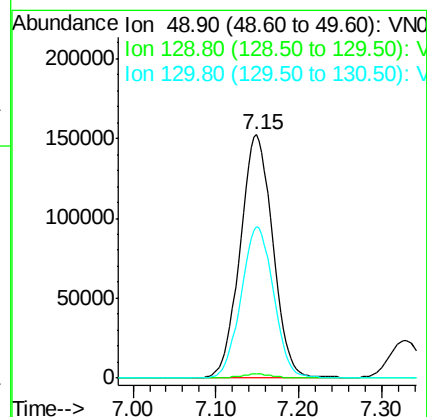
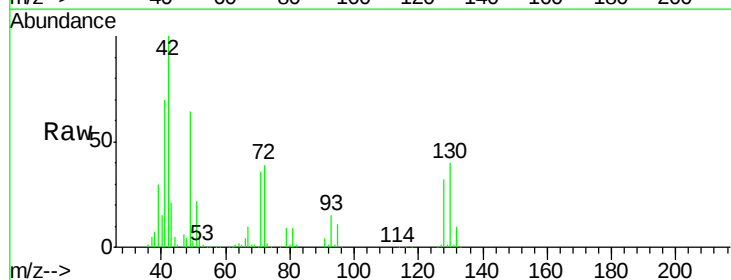
Delta R.T. -0.00 min

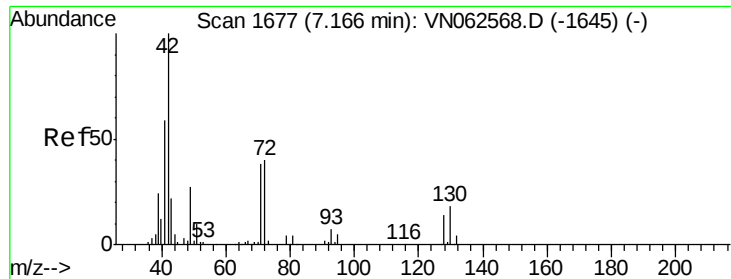
Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Tgt Ion: 49 Resp: 418189

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.0	49.8	74.8

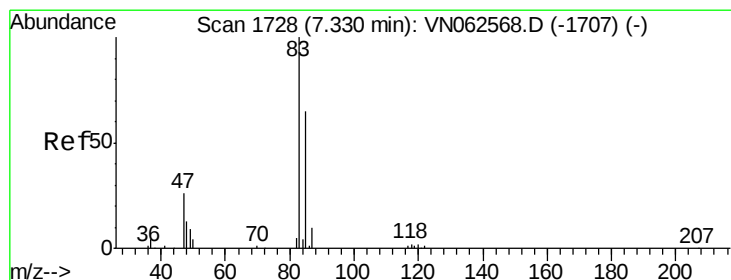
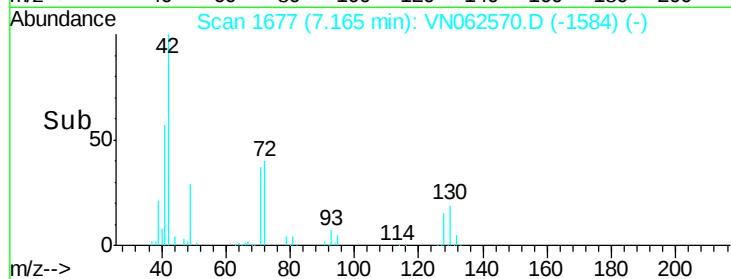
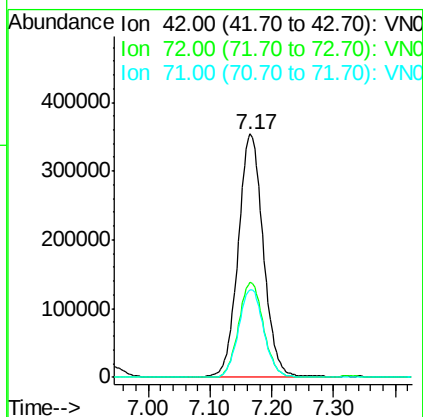
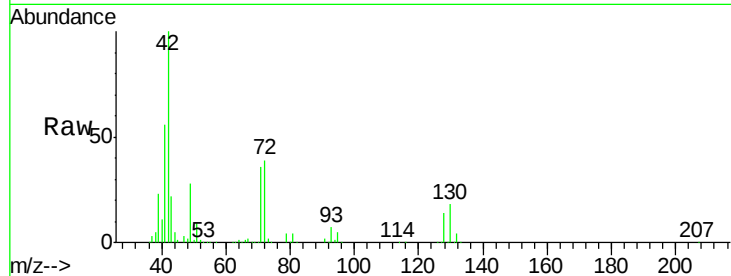




#29
Tetrahydrofuran
Concen: 735.336 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

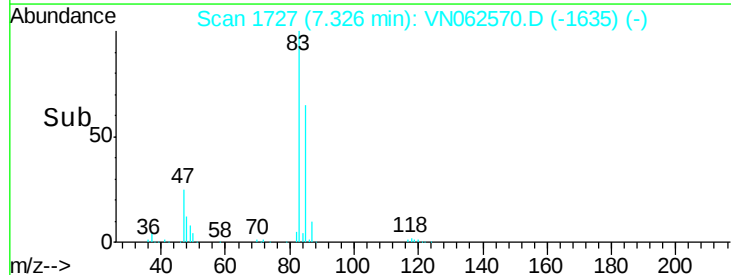
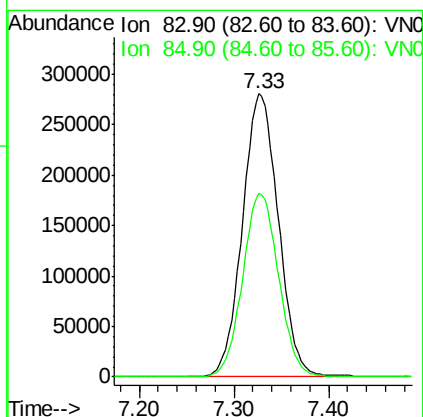
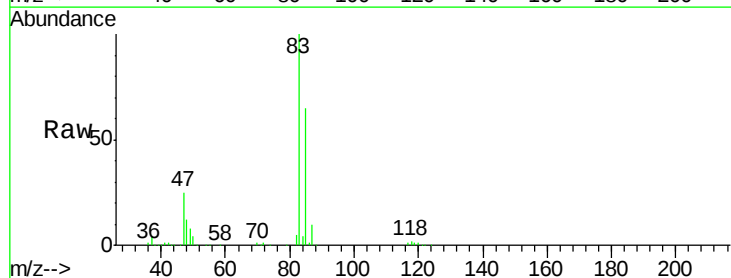
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

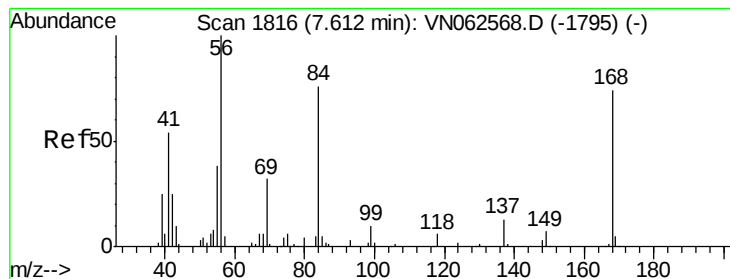
Tgt Ion: 42 Resp: 997348
Ion Ratio Lower Upper
42 100
72 38.7 30.7 46.1
71 36.4 29.1 43.7



#30
Chloroform
Concen: 155.016 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 83 Resp: 738870
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0





#31

Cyclohexane

Concen: 144.613 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

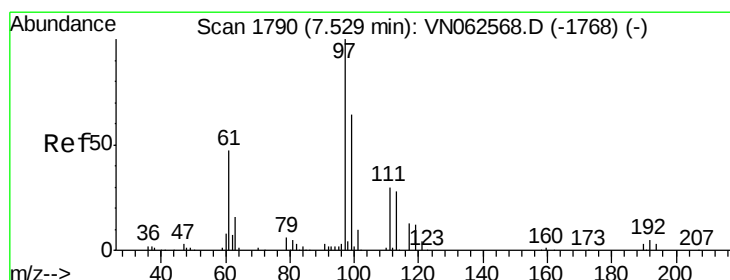
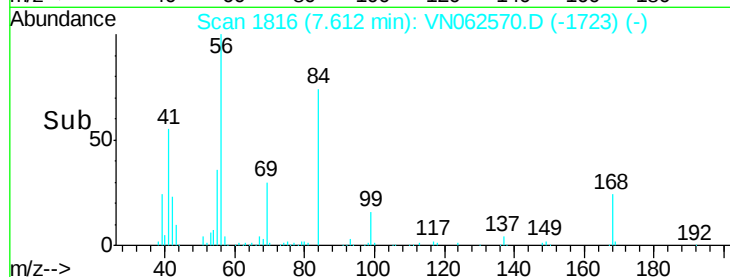
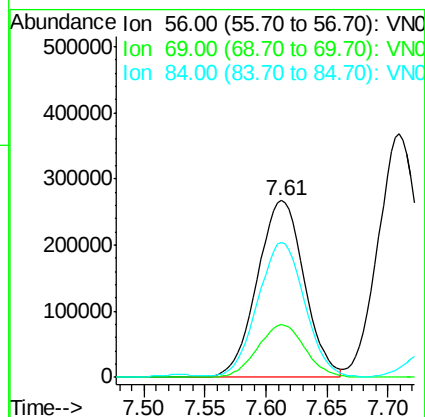
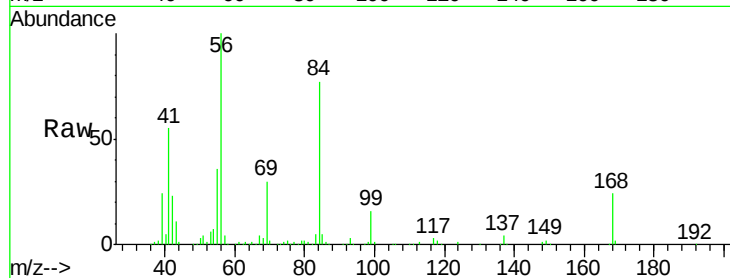
Tgt Ion: 56 Resp: 716279

Ion Ratio Lower Upper

56 100

69 29.9 25.3 37.9

84 75.5 61.0 91.4



#32

1,1,1-Trichloroethane

Concen: 160.825 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

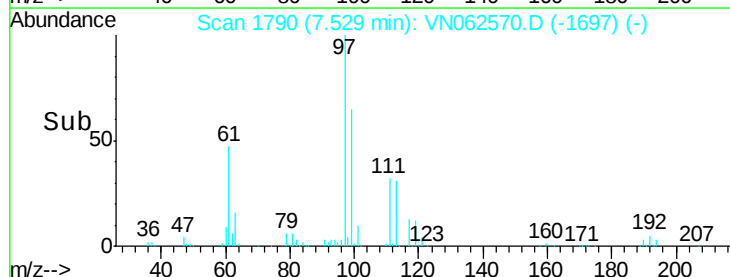
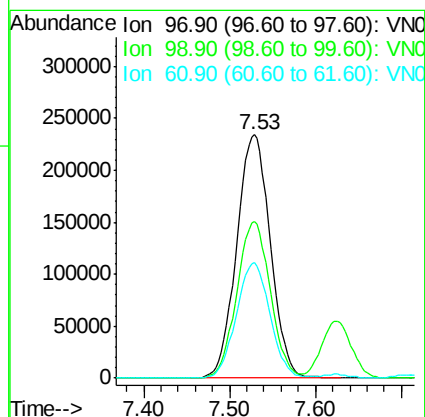
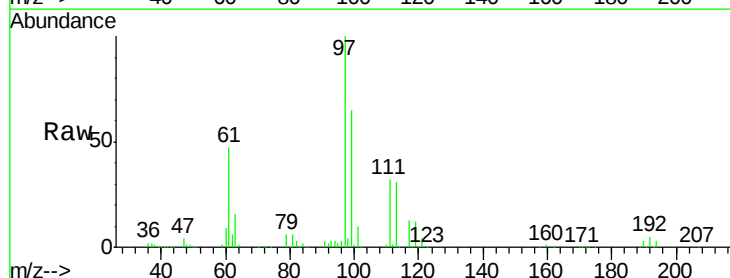
Tgt Ion: 97 Resp: 639389

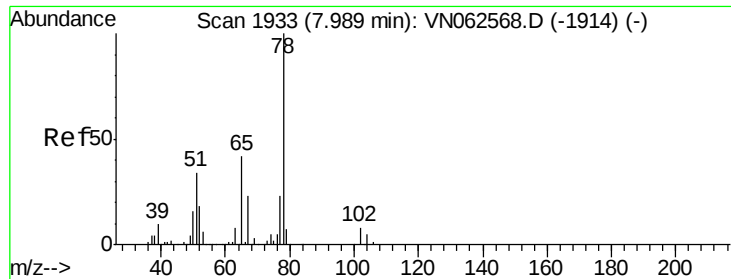
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 47.2 38.4 57.6

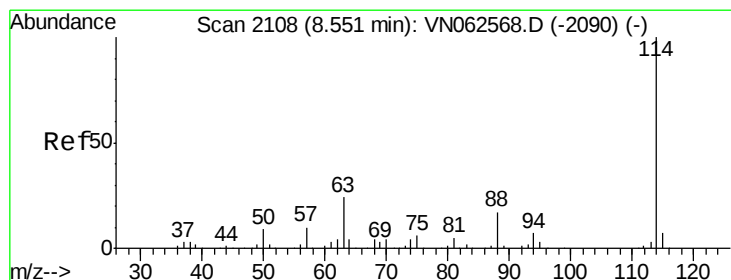
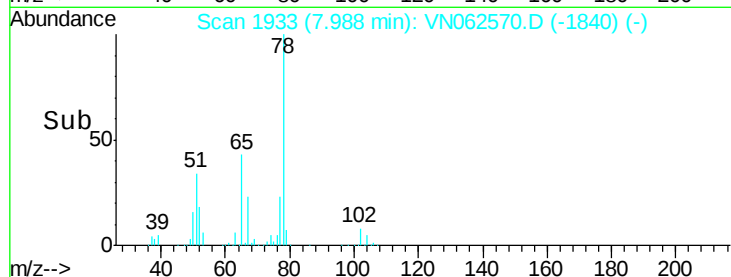
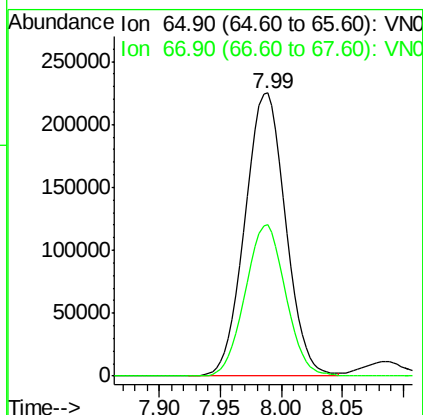
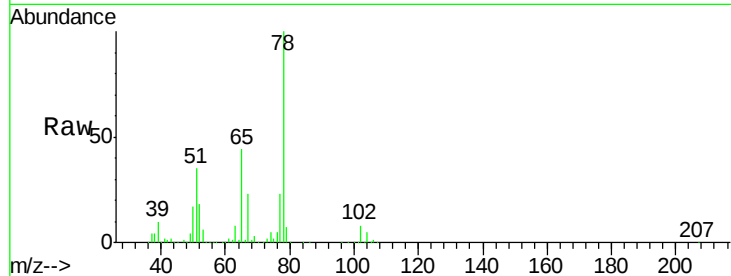




#33
 1,2-Dichloroethane-d4
 Concen: 158.271 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

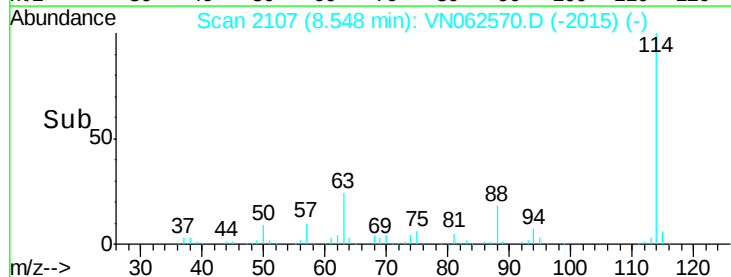
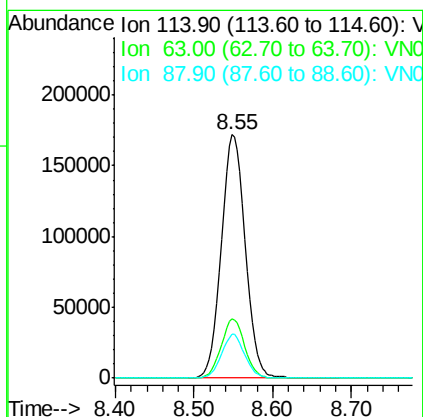
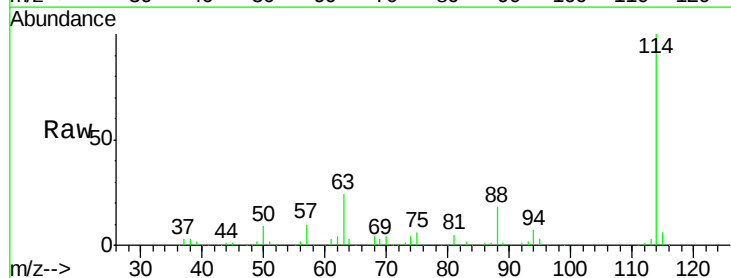
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

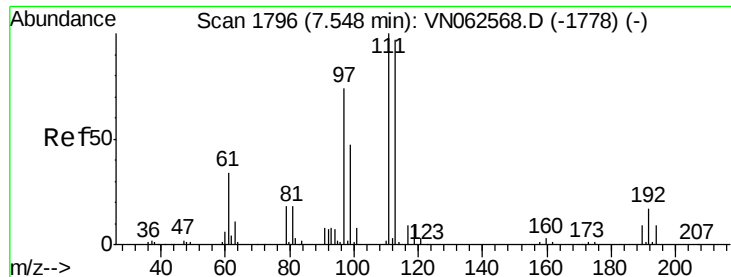
Tgt Ion: 65 Resp: 520516
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 114 Resp: 360537
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.8 0.0 33.8

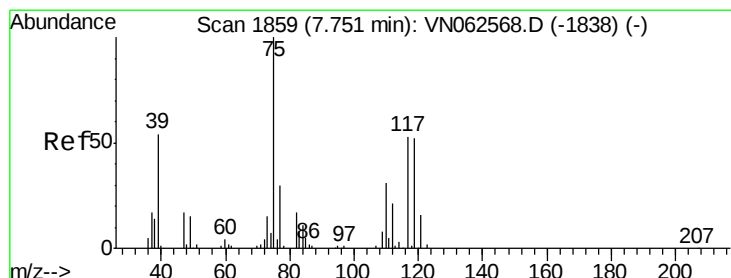
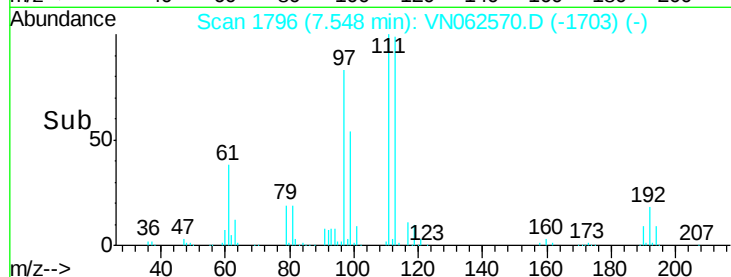
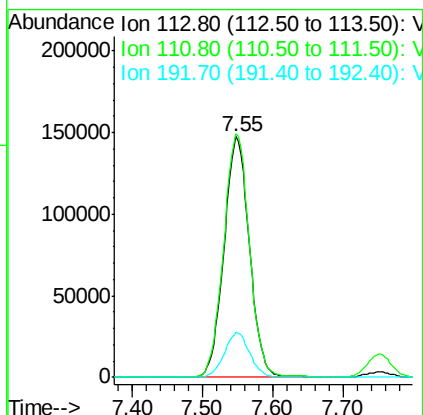
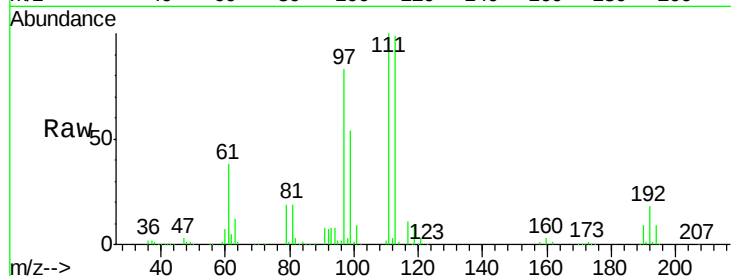




#35
 Dibromofluoromethane
 Concen: 166.432 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

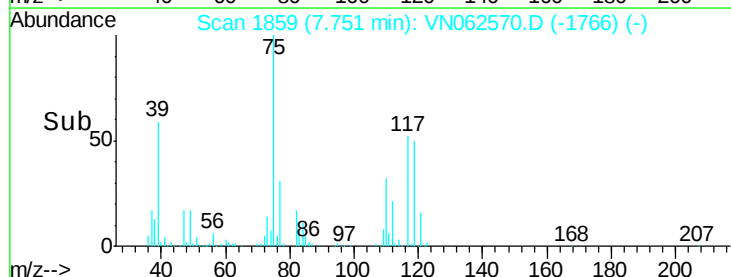
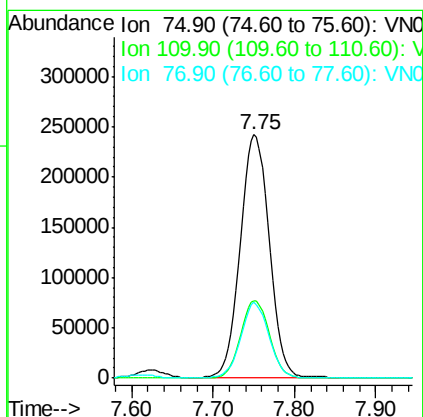
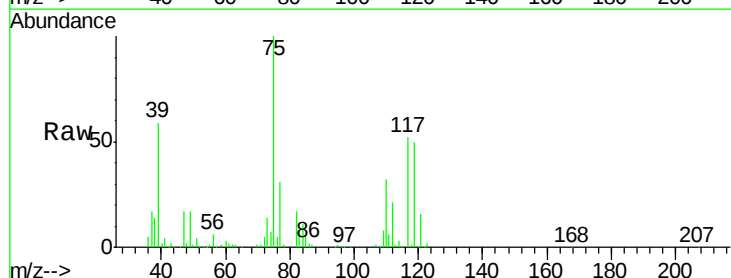
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

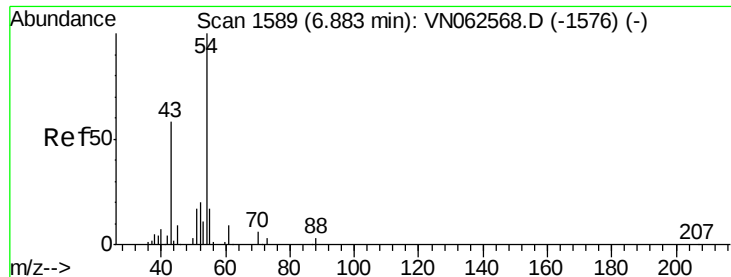
Tgt Ion: 113 Resp: 372615
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 18.5 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 163.659 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 75 Resp: 593960
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.0 48.0
 77 30.2 24.6 36.8

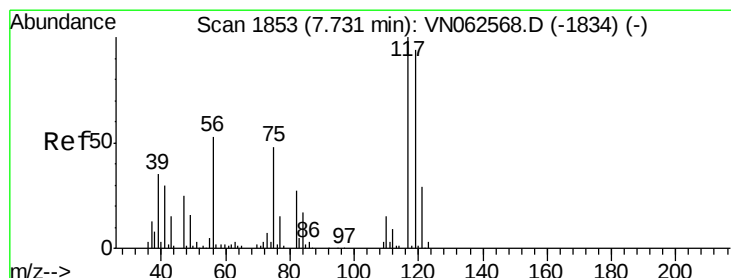
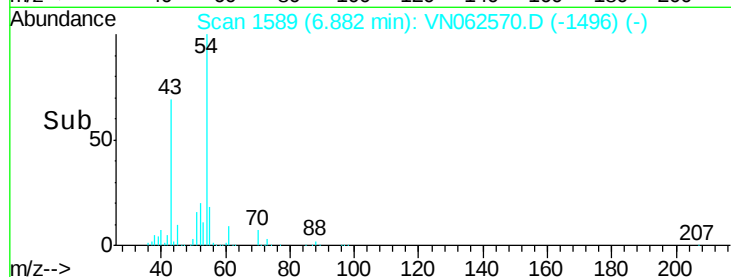
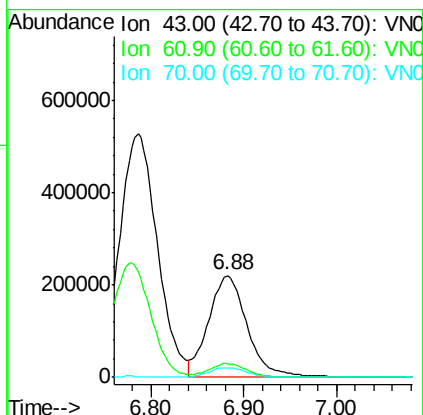
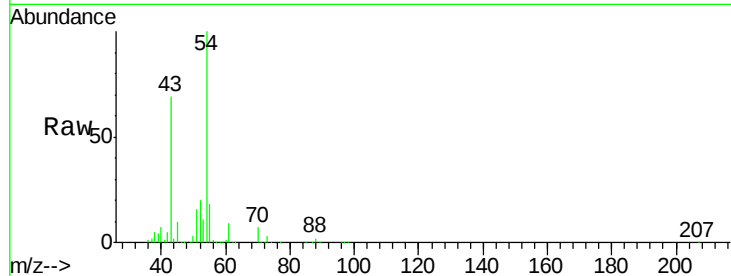




#37
 Ethyl Acetate
 Concen: 148.546 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

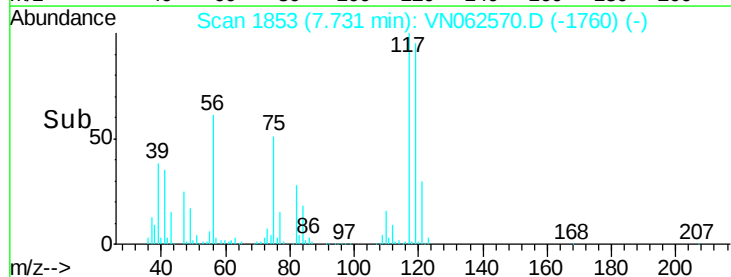
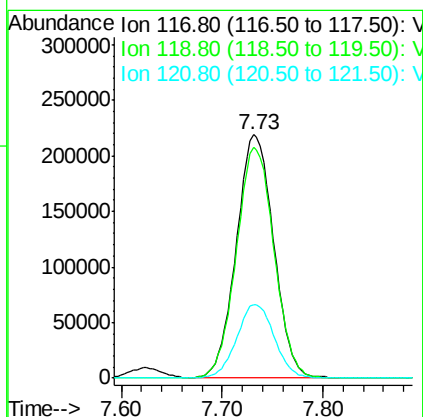
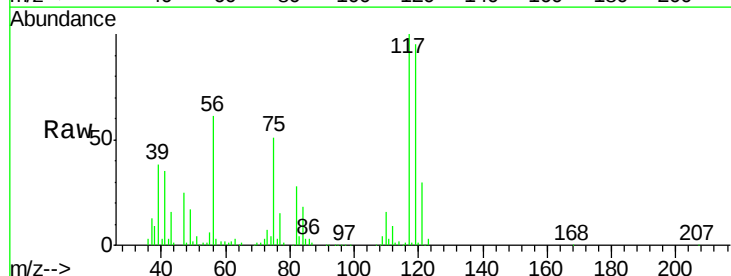
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

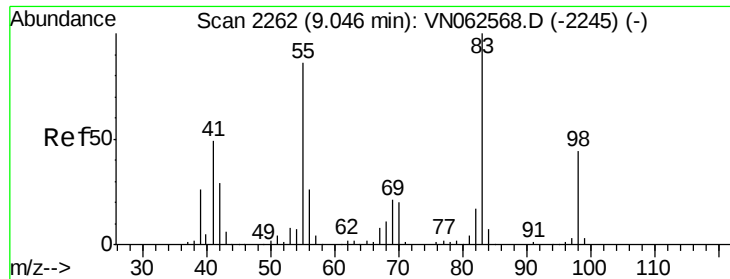
Tgt Ion: 43 Resp: 626873
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.3 16.9
 70 9.7 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 168.814 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 117 Resp: 559741
 Ion Ratio Lower Upper
 117 100
 119 94.9 74.8 112.2
 121 30.4 23.0 34.6

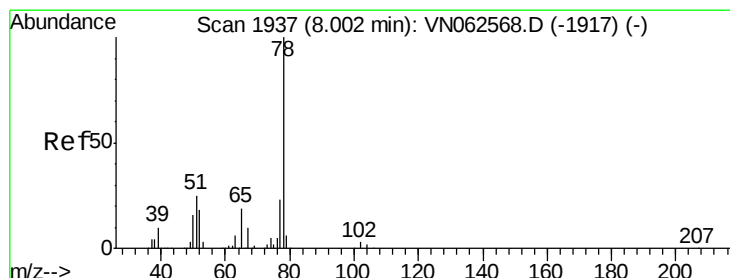
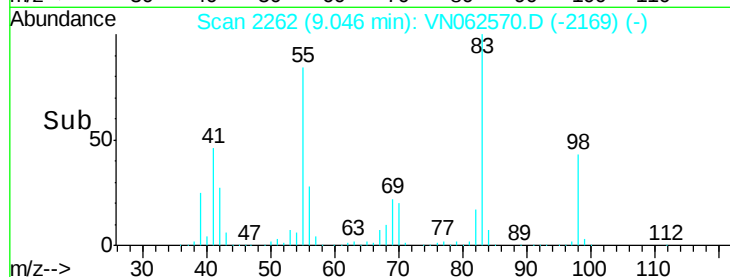
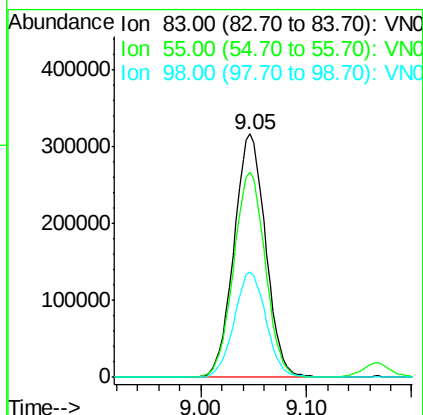
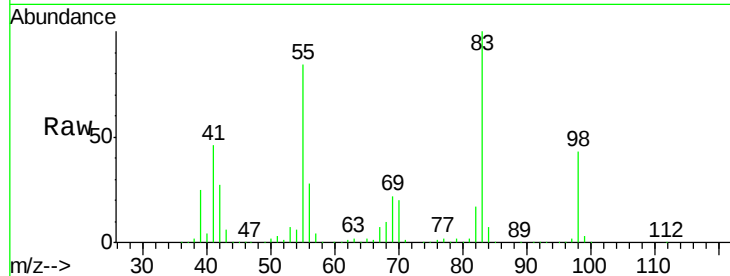




#39
Methylcyclohexane
Concen: 170.140 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

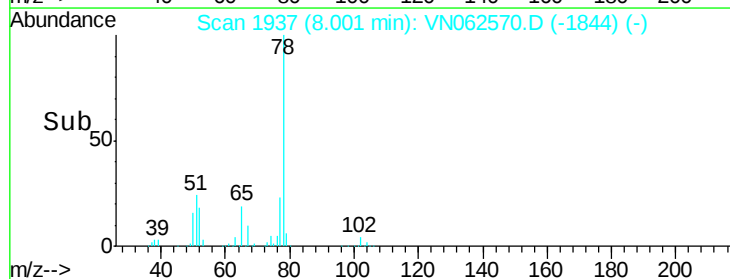
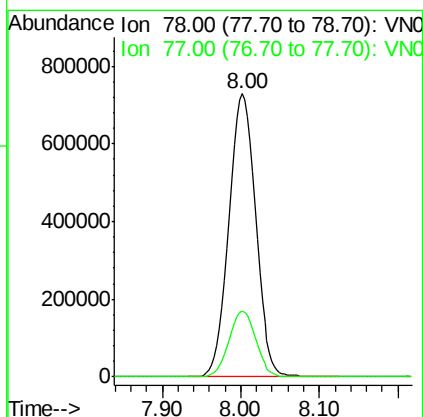
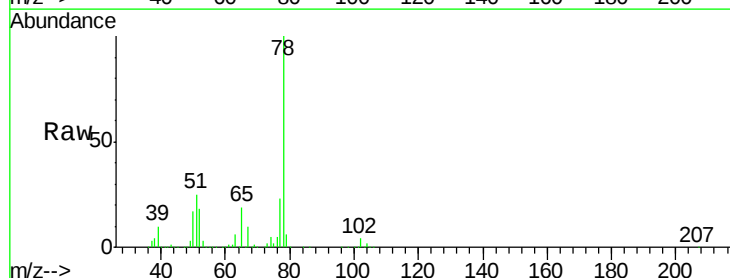
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

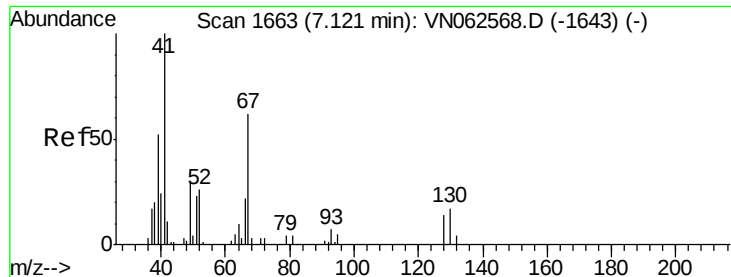
Tgt Ion: 83 Resp: 658854
Ion Ratio Lower Upper
83 100
55 84.3 68.9 103.3
98 43.1 35.1 52.7



#40
Benzene
Concen: 160.816 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 78 Resp: 1730687
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

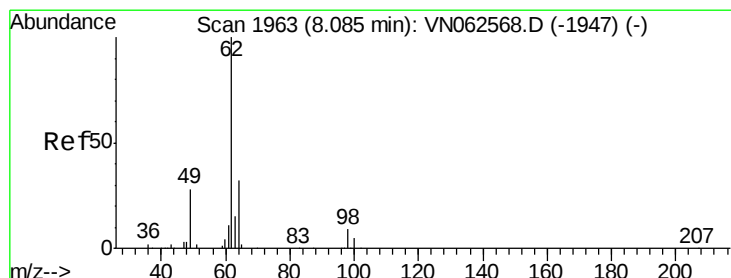
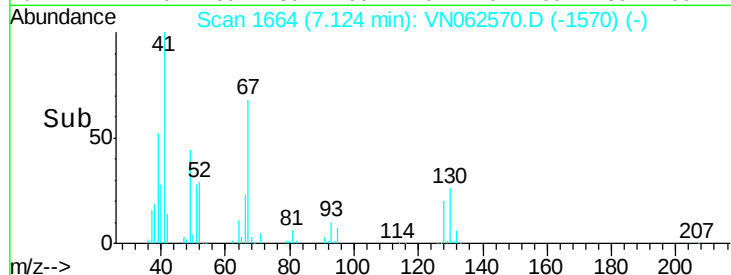
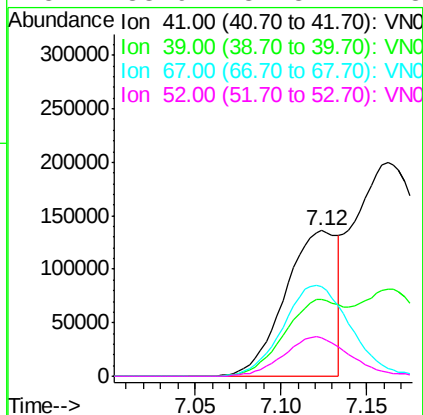
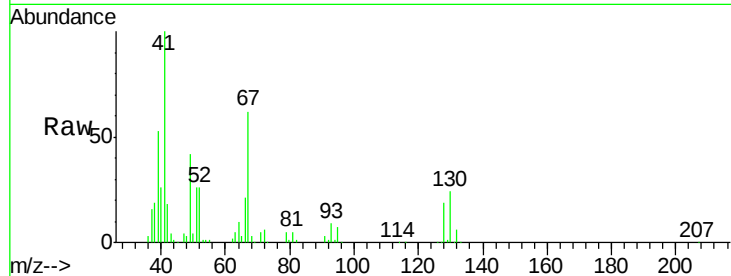




#41
Methacrylonitrile
Concen: 166.747 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

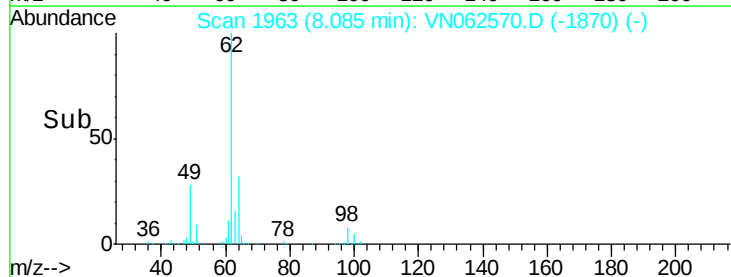
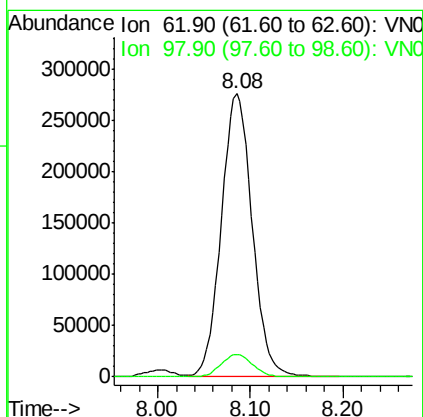
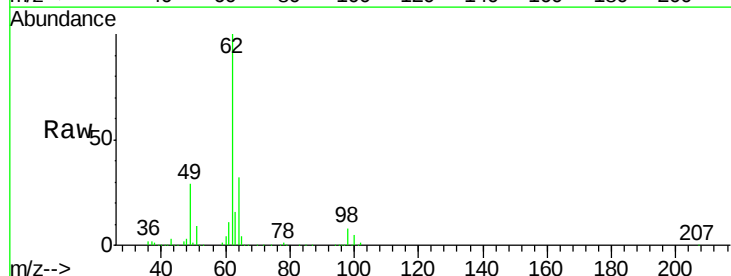
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

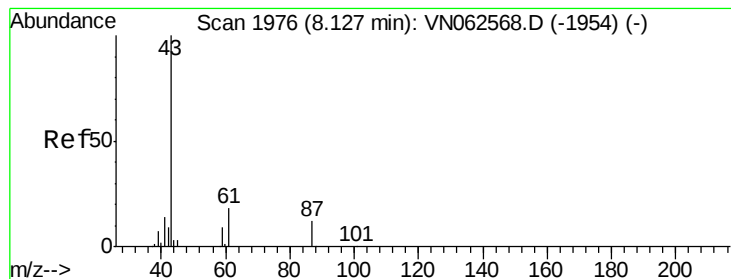
Tgt Ion: 41 Resp: 288432
Ion Ratio Lower Upper
41 100
39 61.1 55.8 83.6
67 80.9 72.5 108.7
52 33.9 31.8 47.8



#42
1,2-Dichloroethane
Concen: 161.325 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 62 Resp: 635670
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





#43

Isopropyl Acetate

Concen: 160.230 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

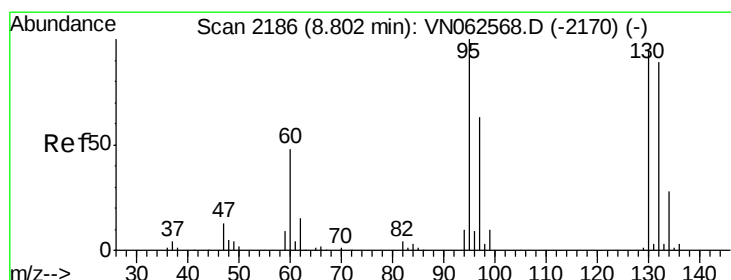
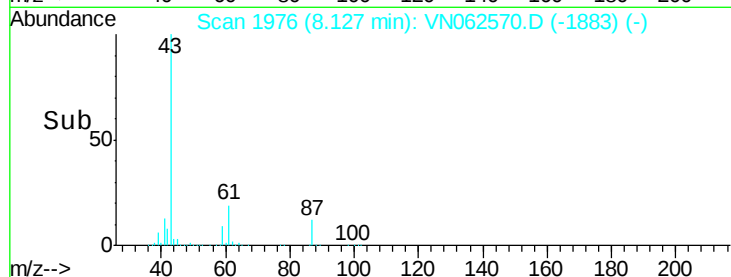
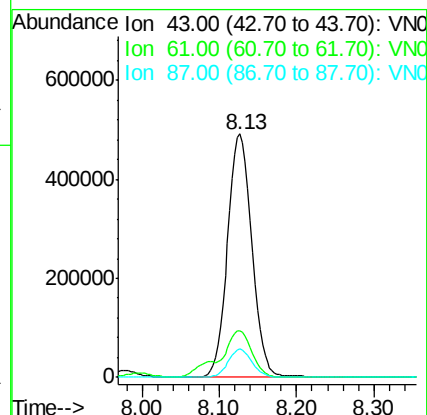
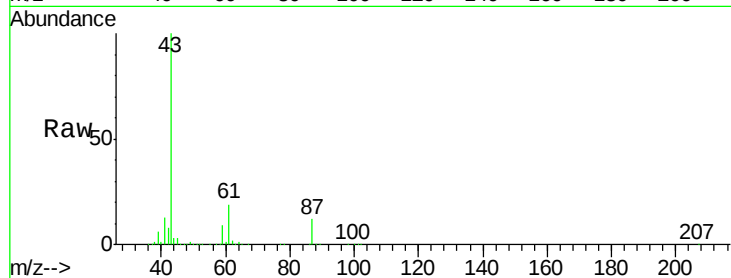
Tgt Ion: 43 Resp: 1068565

Ion Ratio Lower Upper

43 100

61 19.6 20.8 31.2#

87 11.5 9.2 13.8



#44

Trichloroethene

Concen: 165.406 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062570.D

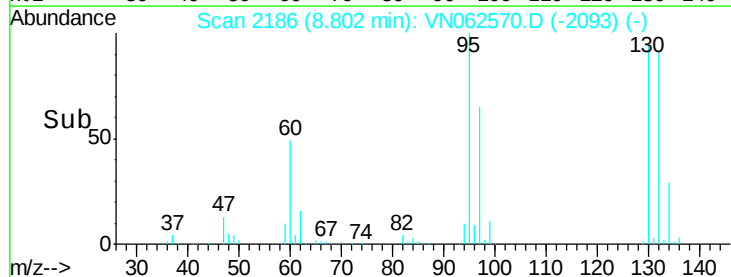
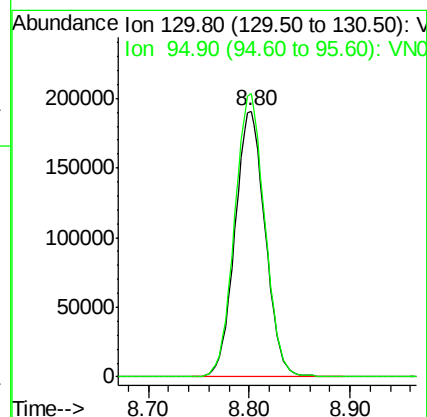
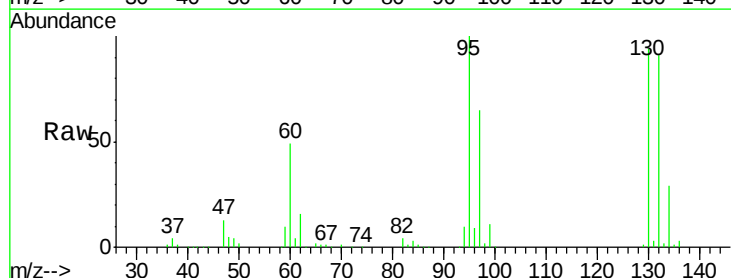
Acq: 21 Jul 2020 13:34

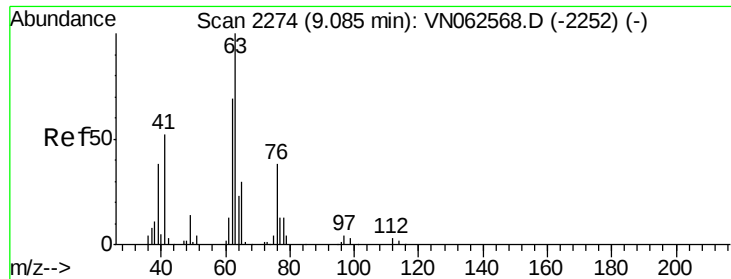
Tgt Ion: 130 Resp: 396405

Ion Ratio Lower Upper

130 100

95 106.6 0.0 210.4

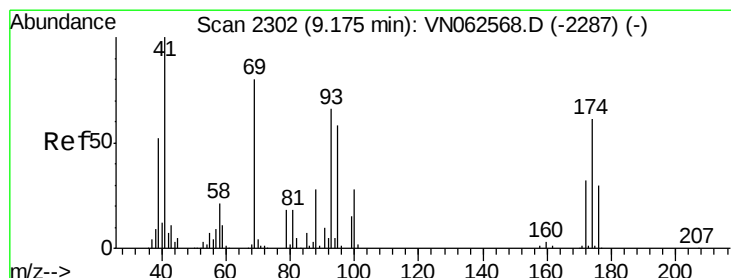
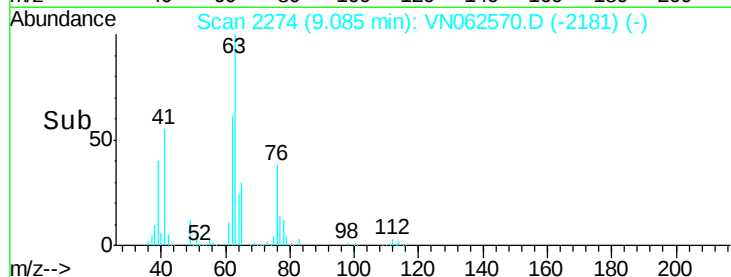
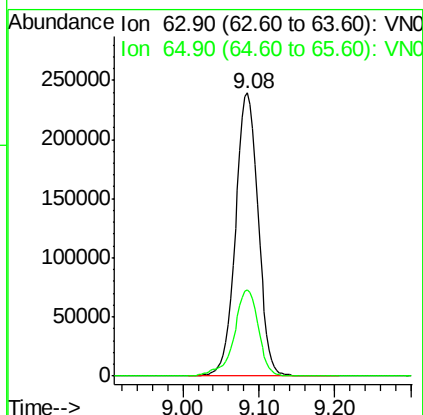
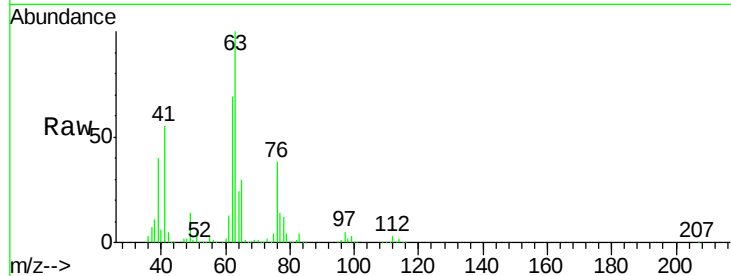




#45
 1,2-Dichloropropane
 Concen: 159.383 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

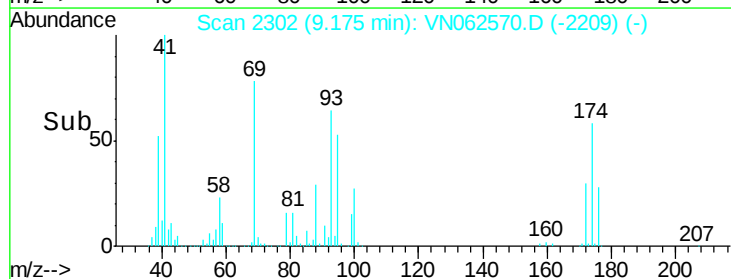
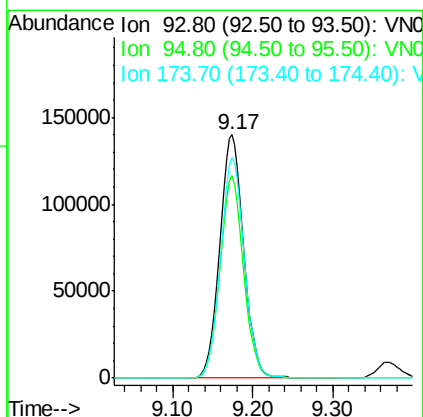
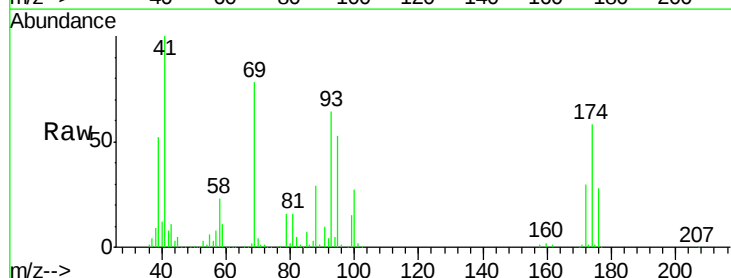
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

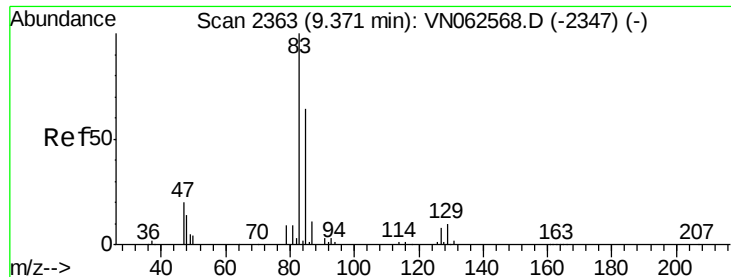
Tgt Ion: 63 Resp: 494938
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 163.147 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 93 Resp: 287788
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.6 101.4
 174 90.7 72.5 108.7





#47

Bromodichloromethane

Concen: 166.060 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

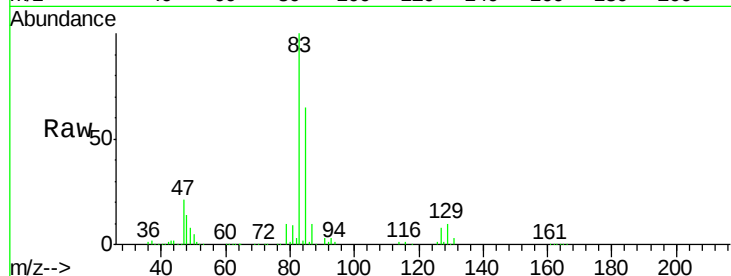
Tgt Ion: 83 Resp: 624702

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

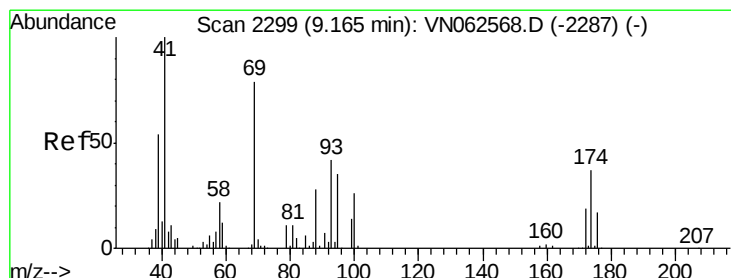
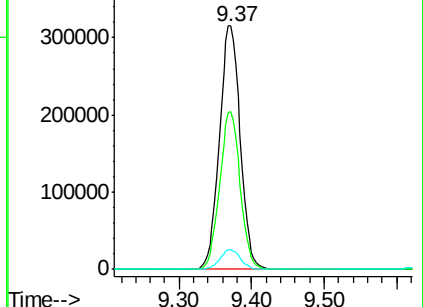
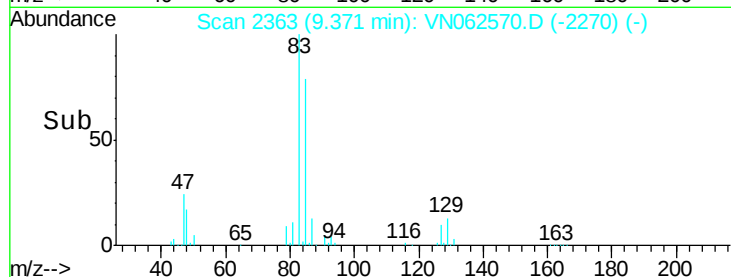
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062570.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062570.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062570.D (-2270) (-)



#48

Methyl methacrylate

Concen: 159.650 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

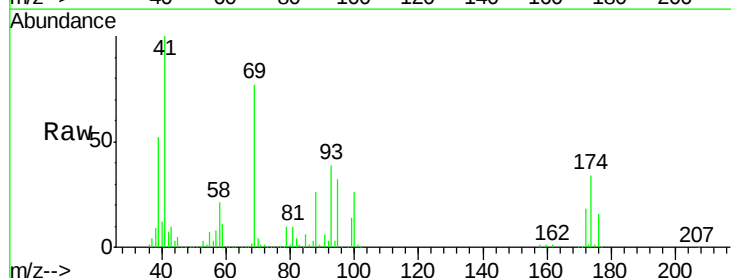
Tgt Ion: 41 Resp: 519807

Ion Ratio Lower Upper

41 100

69 79.9 64.4 96.6

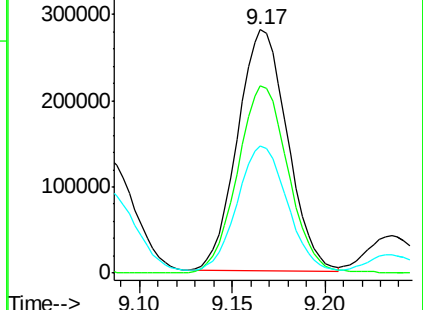
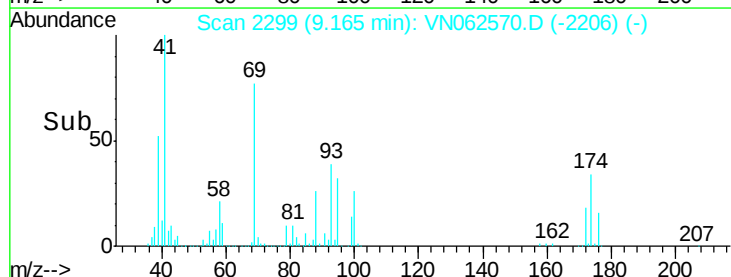
39 53.7 43.5 65.3

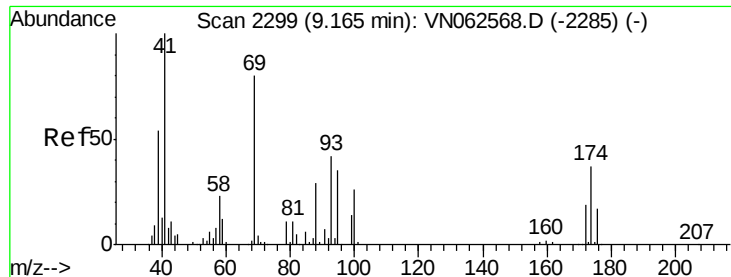


Abundance Ion 41.00 (40.70 to 41.70): VN062570.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062570.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062570.D (-2206) (-)

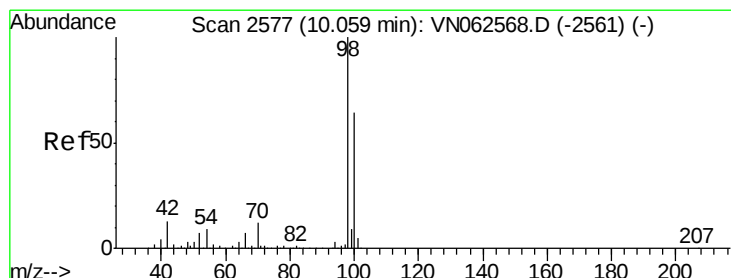
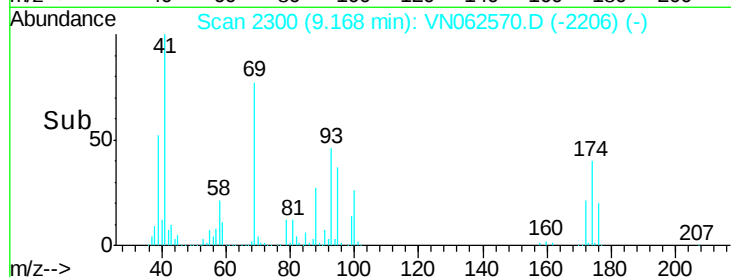
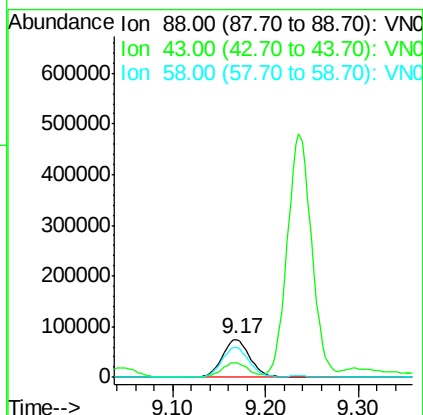
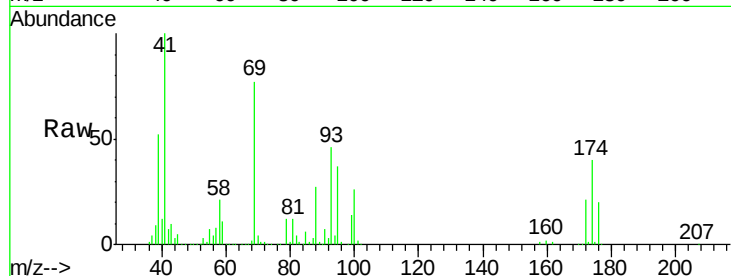




#49
1,4-Dioxane
Concen: 3257.359 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

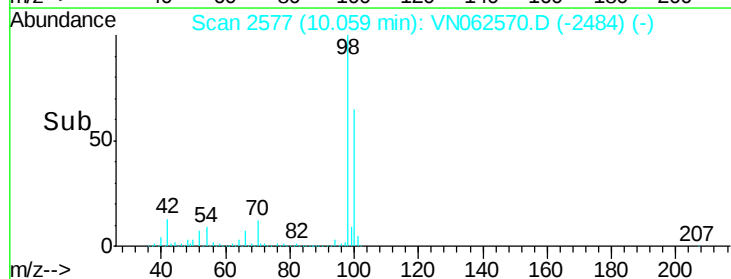
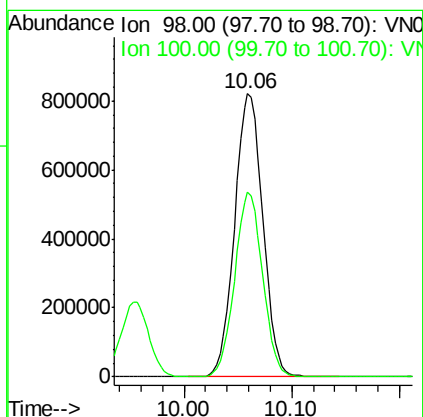
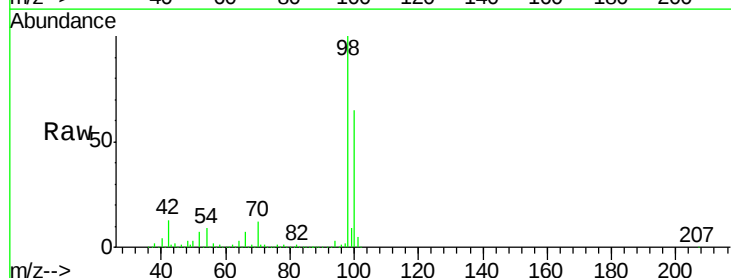
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

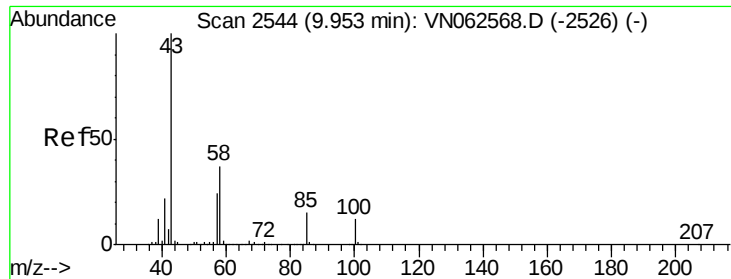
Tgt Ion: 88 Resp: 156195
Ion Ratio Lower Upper
88 100
43 37.2 32.0 48.0
58 77.4 62.8 94.2



#50
Toluene-d8
Concen: 169.829 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 98 Resp: 1502531
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

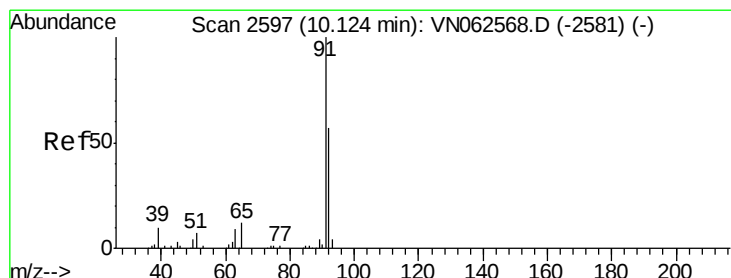
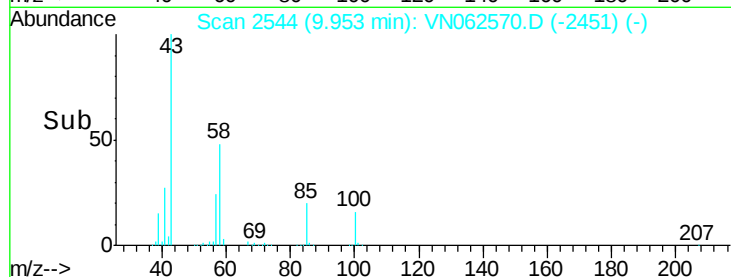
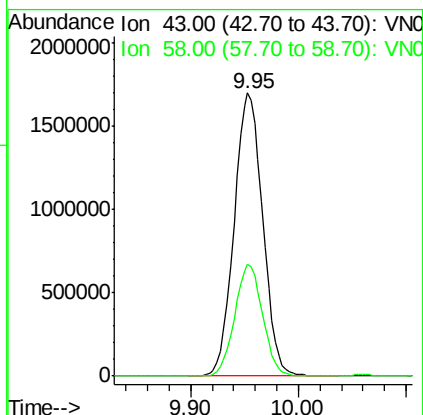
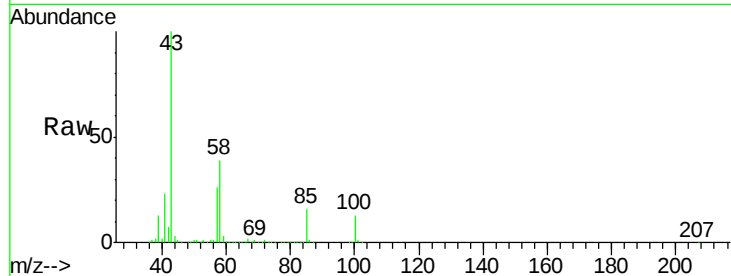




#51
 4-Methyl-2-Pentanone
 Concen: 786.501 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

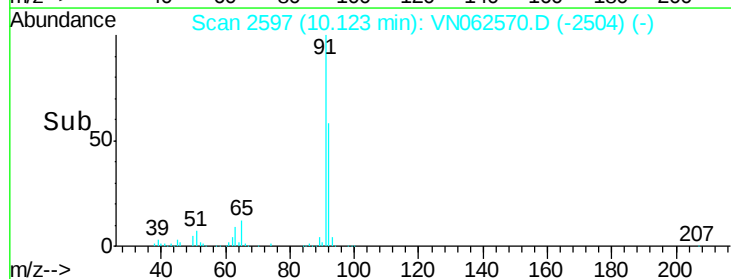
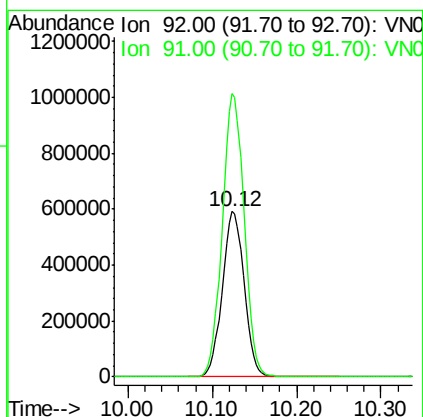
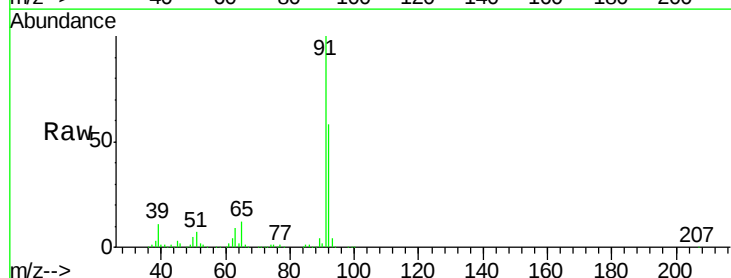
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

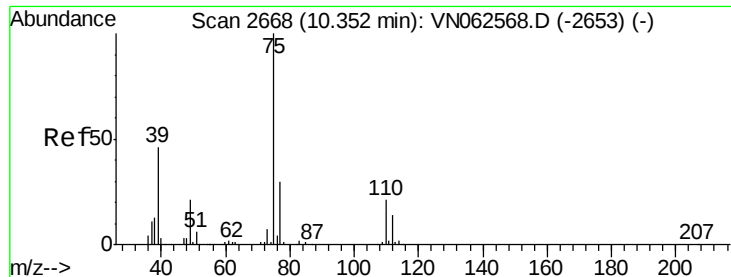
Tgt Ion: 43 Resp: 3127491
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.8 44.6



#52
 Toluene
 Concen: 170.330 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 92 Resp: 1064078
 Ion Ratio Lower Upper
 92 100
 91 171.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 175.220 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

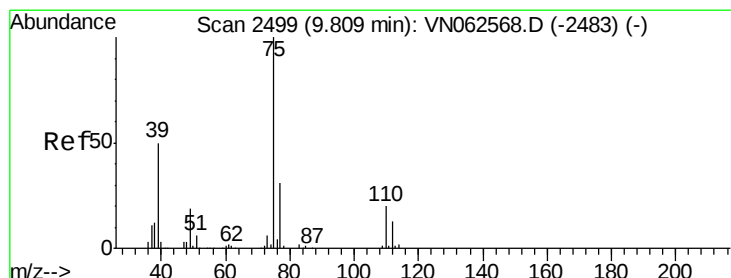
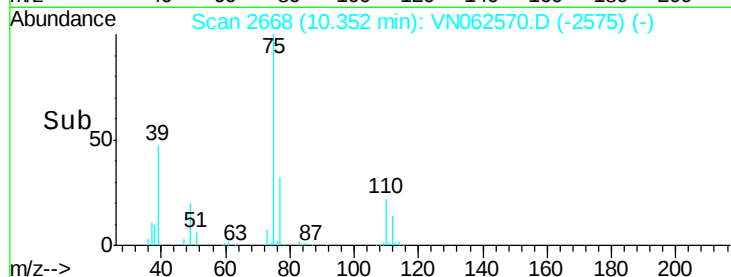
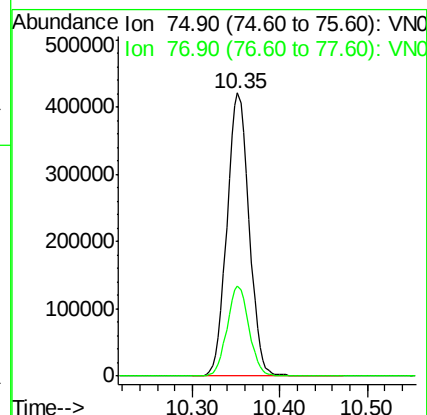
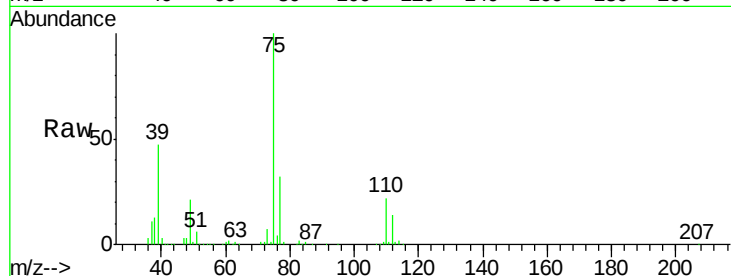
VSTDIC150

Tgt Ion: 75 Resp: 740687

Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 169.795 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

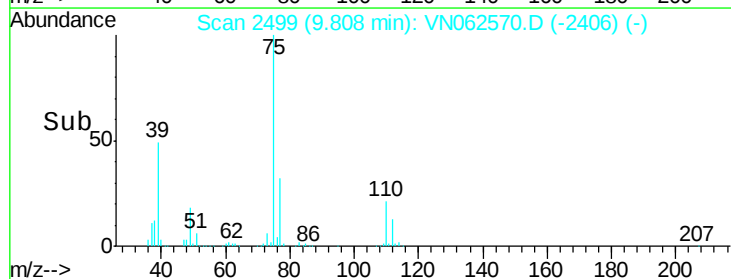
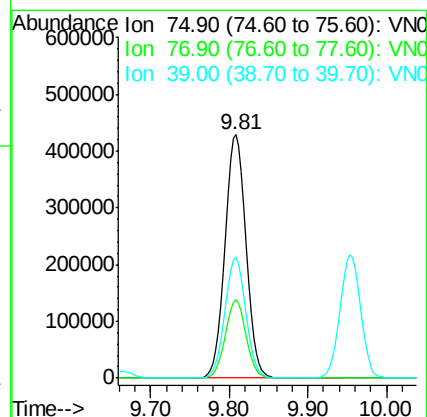
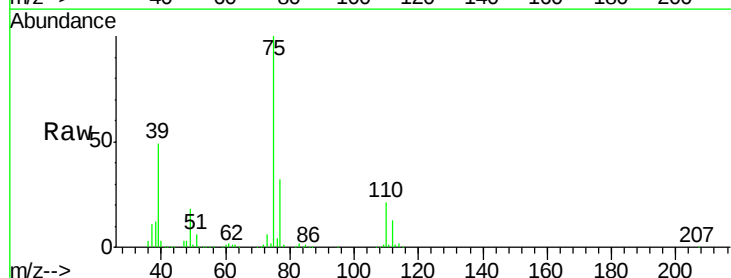
Tgt Ion: 75 Resp: 790160

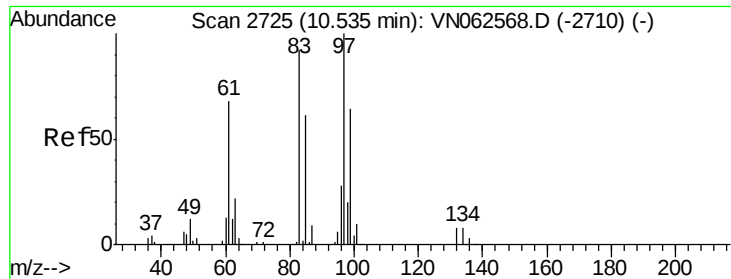
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 49.4 39.8 59.8

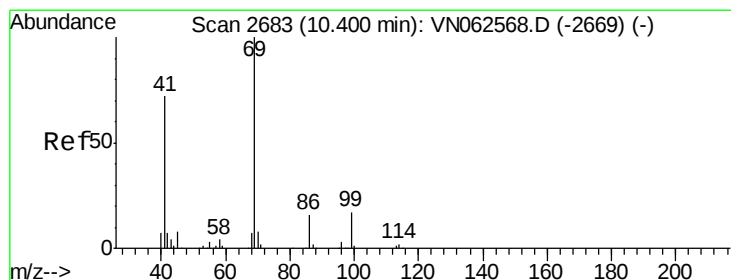
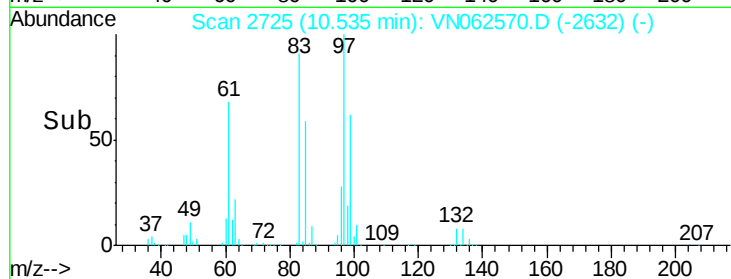
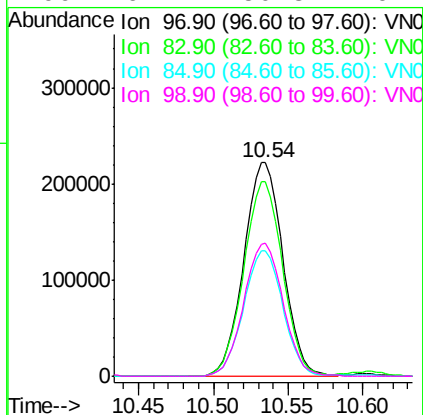
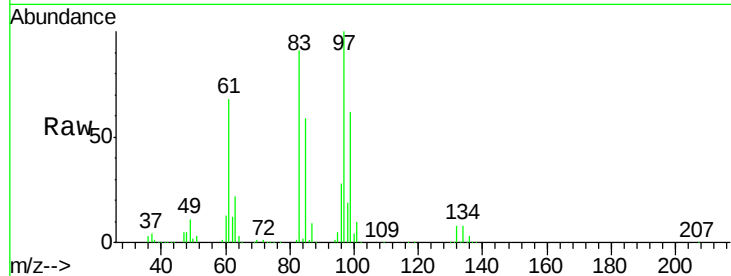




#55
 1,1,2-Trichloroethane
 Concen: 165.654 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

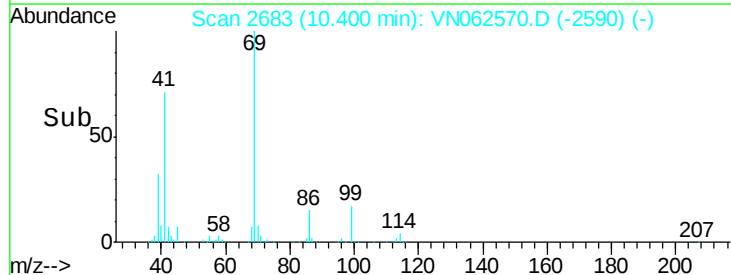
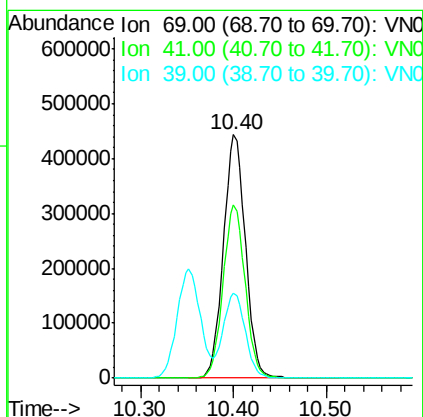
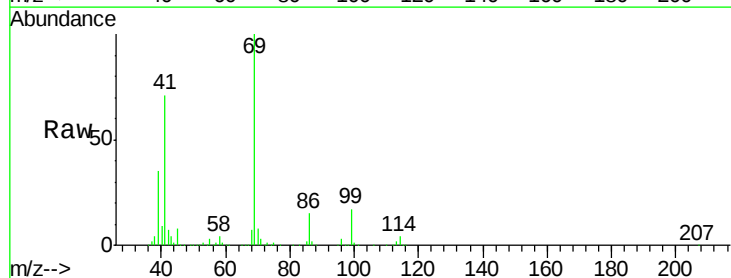
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

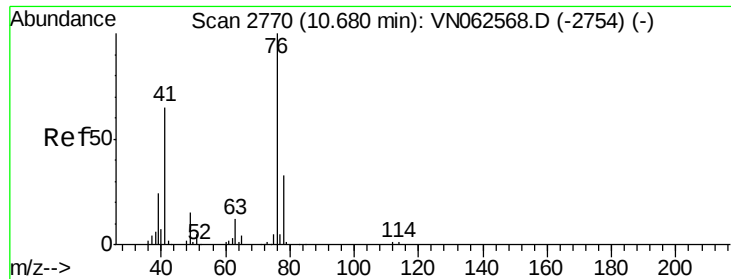
Tgt Ion:	97	Resp:	403981
Ion	Ratio	Lower	Upper
97	100		
83	91.1	73.7	110.5
85	59.0	48.5	72.7
99	62.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 179.882 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion:	69	Resp:	730742
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.2	85.8
39	35.1	28.6	43.0

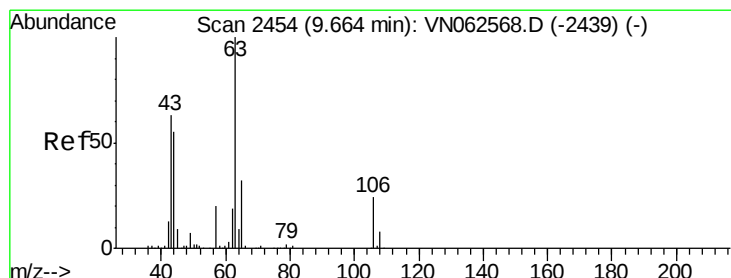
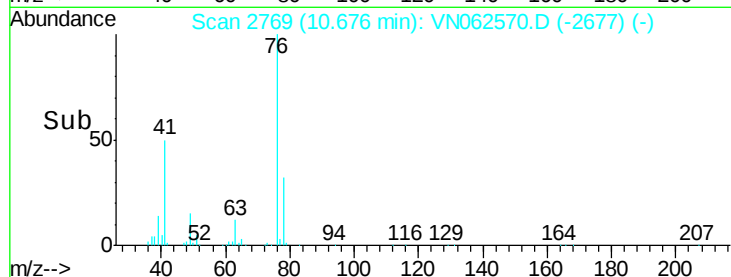
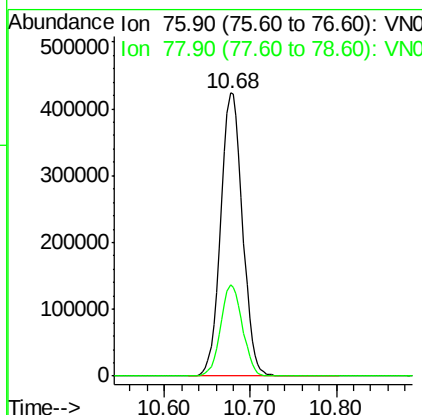
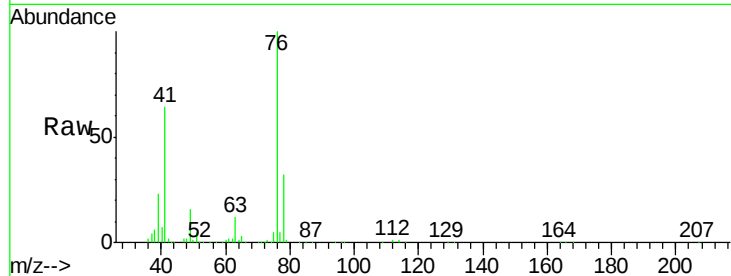




#57
 1,3-Dichloropropane
 Concen: 165.679 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

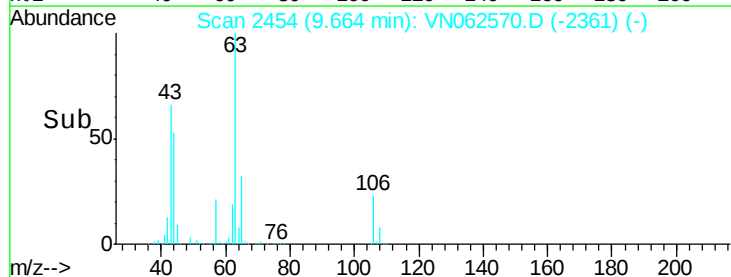
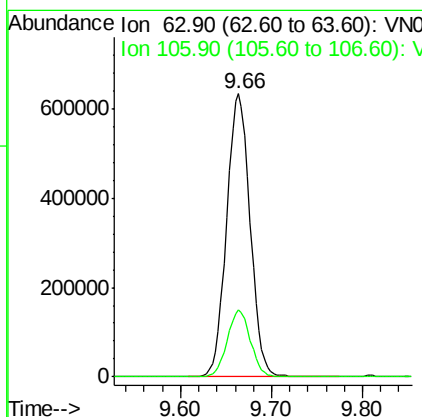
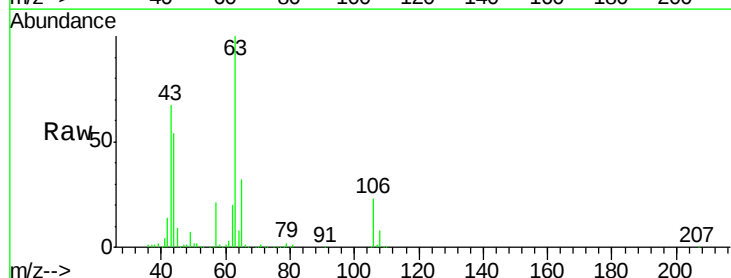
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

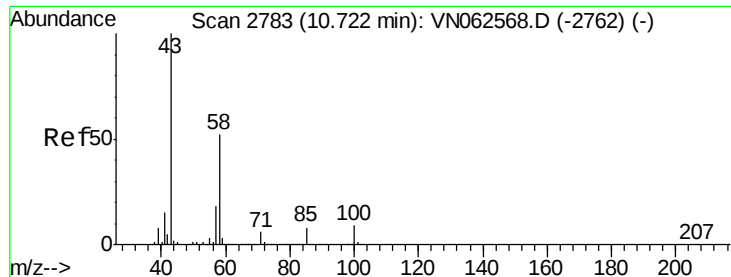
Tgt Ion: 76 Resp: 747188
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 809.001 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 63 Resp: 1132778
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.9 28.3

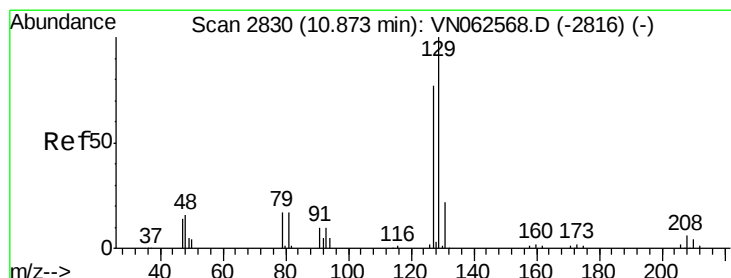
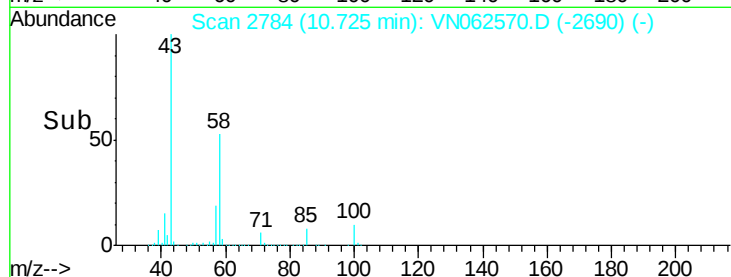
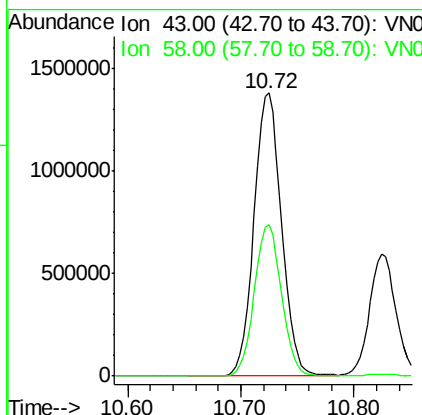
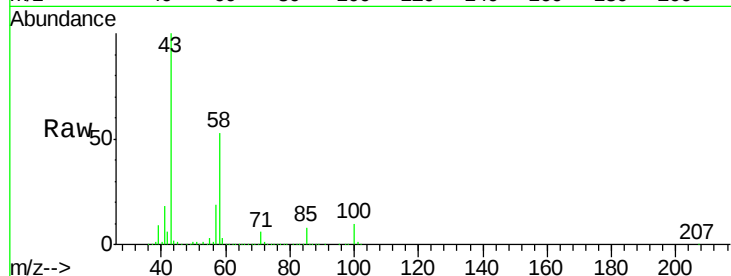




#59
2-Hexanone
Concen: 808.177 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

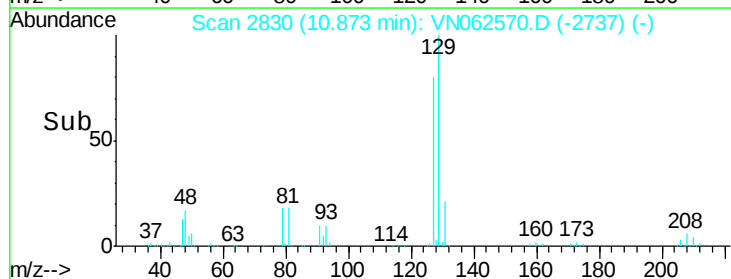
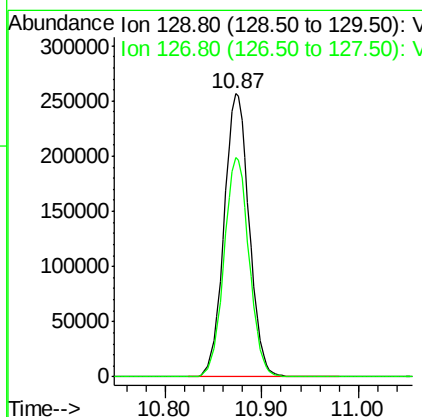
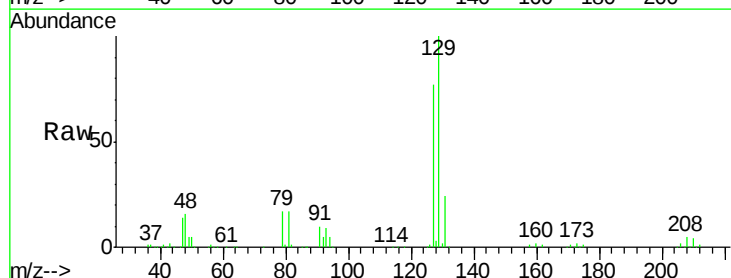
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

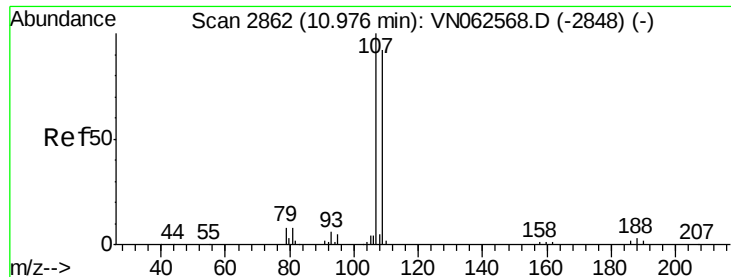
Tgt Ion: 43 Resp: 2335321
Ion Ratio Lower Upper
43 100
58 53.0 26.0 78.0



#60
Dibromochloromethane
Concen: 172.669 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 129 Resp: 460906
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9

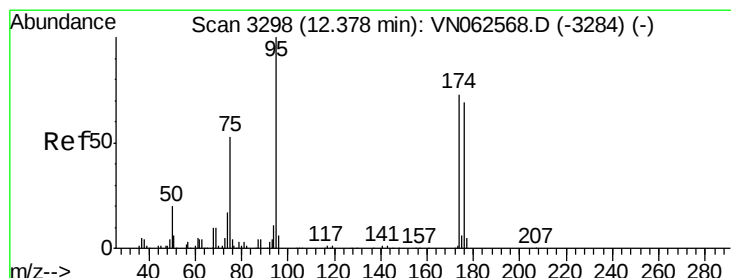
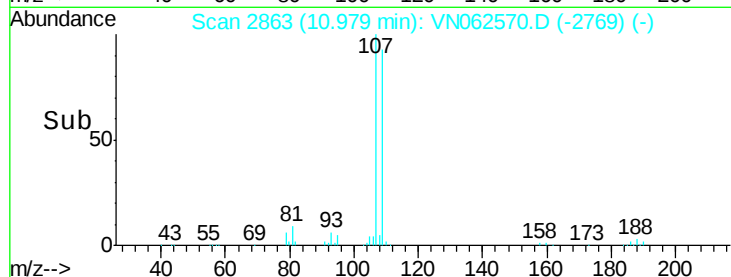
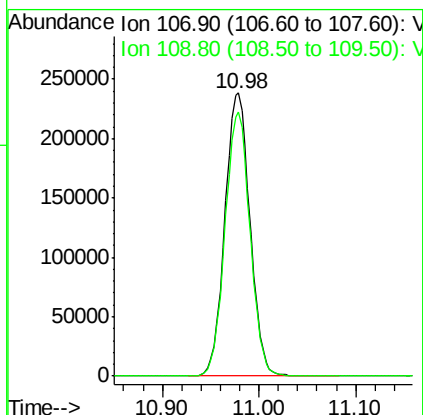
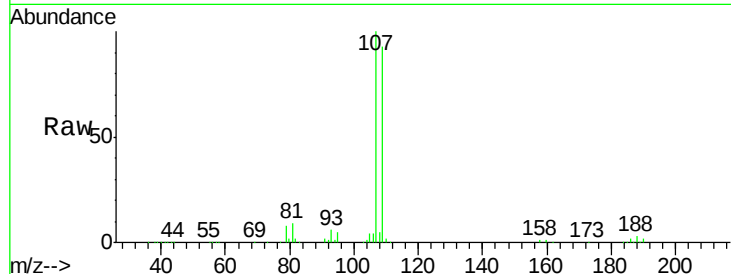




#61
 1,2-Dibromoethane
 Concen: 173.013 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

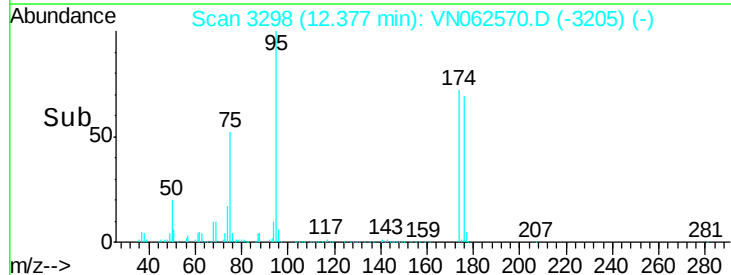
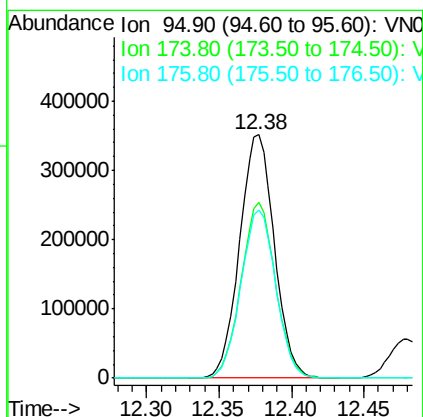
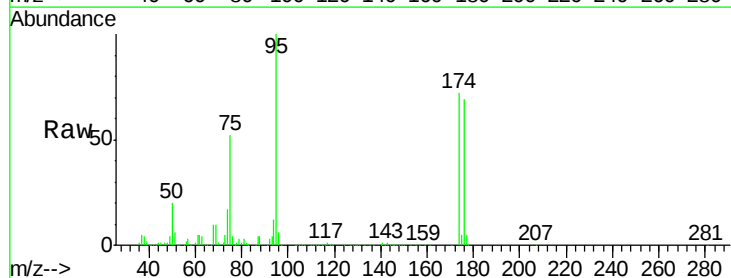
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

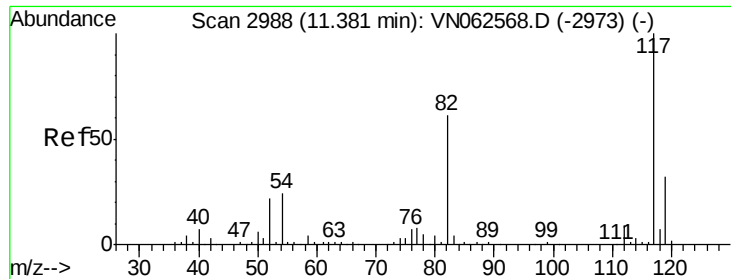
Tgt Ion: 107 Resp: 429275
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 180.551 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 95 Resp: 586020
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 144.6
 176 69.4 0.0 139.4

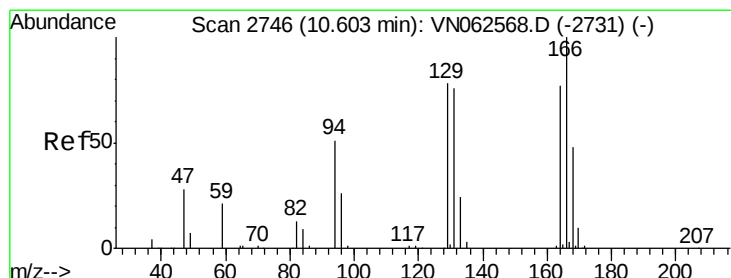
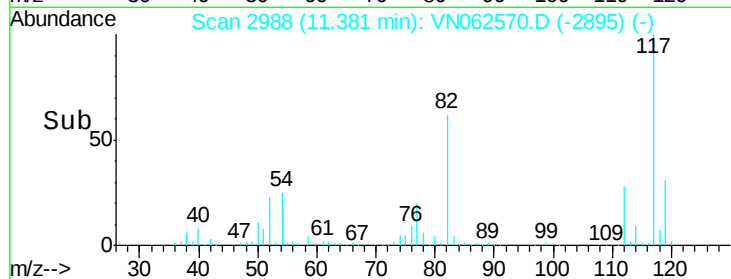
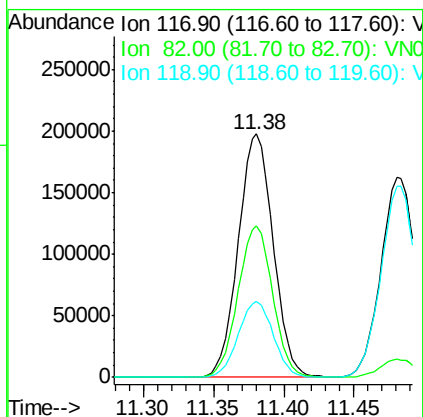
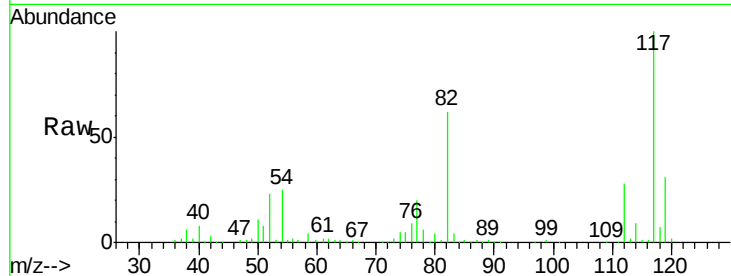




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

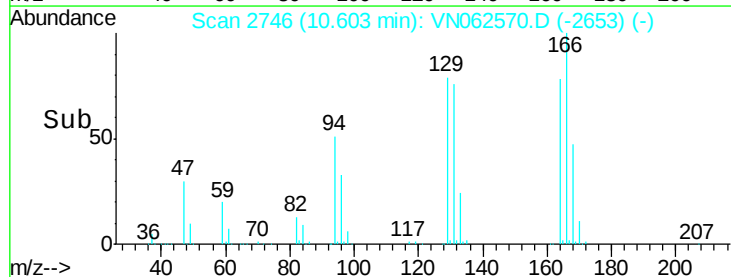
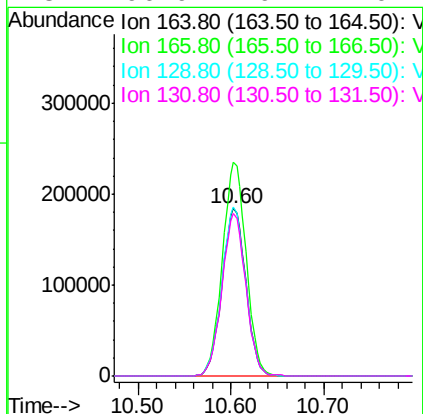
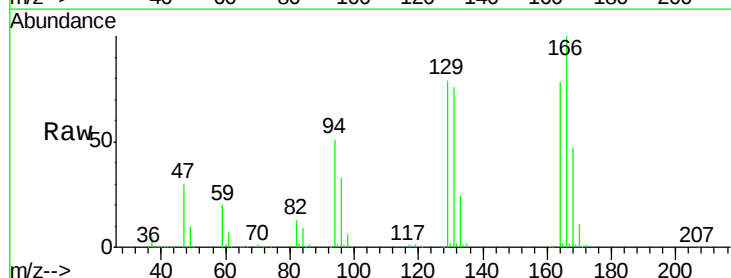
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

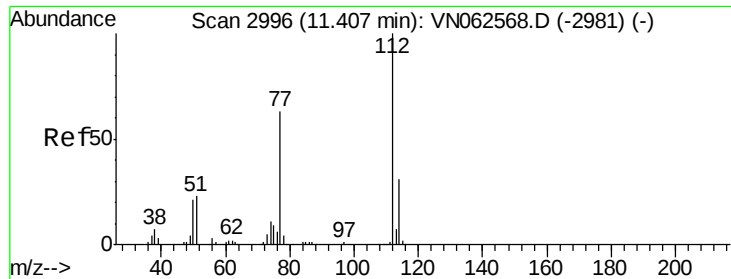
Tgt Ion:117 Resp: 343332
Ion Ratio Lower Upper
117 100
82 62.3 49.0 73.6
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 160.279 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion:164 Resp: 328648
Ion Ratio Lower Upper
164 100
166 127.5 104.4 156.6
129 100.6 81.0 121.4
131 96.9 79.4 119.2

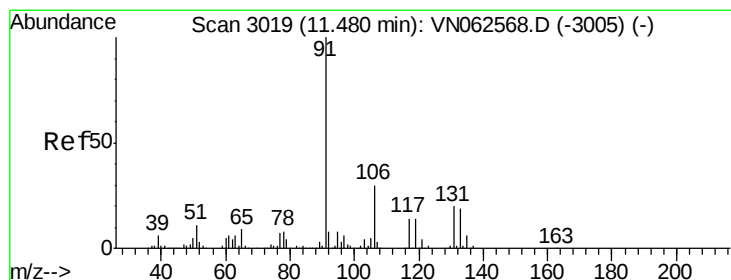
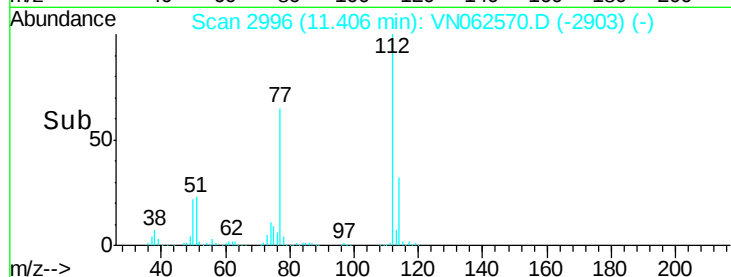
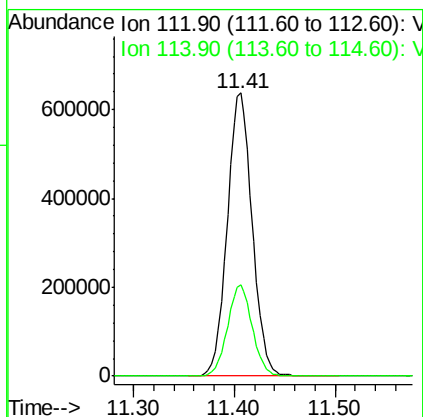
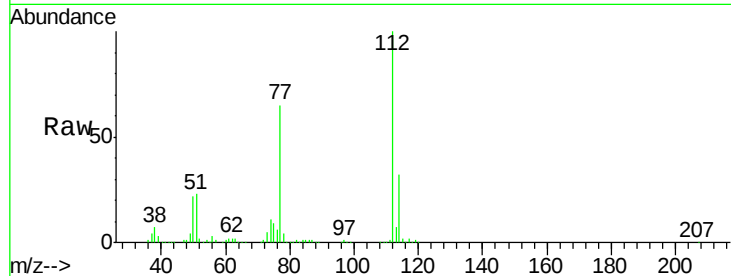




#65
Chlorobenzene
Concen: 163.827 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

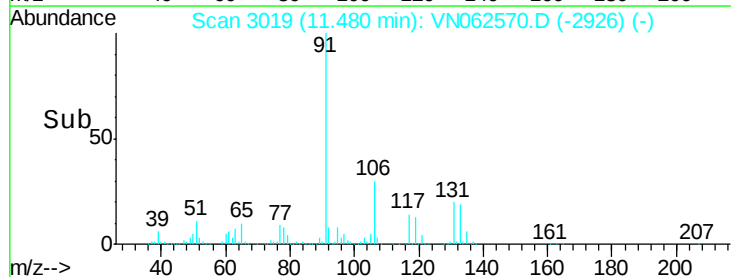
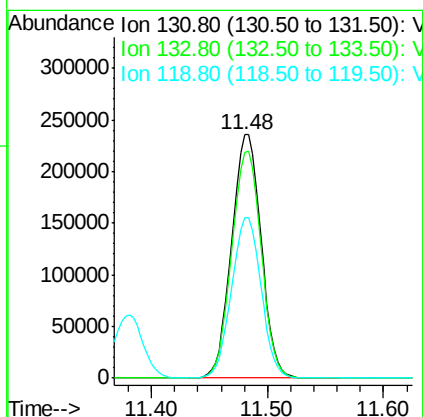
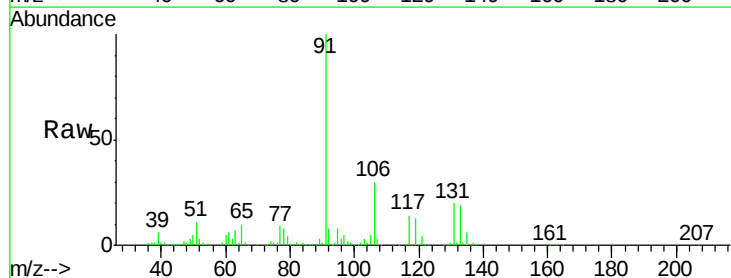
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

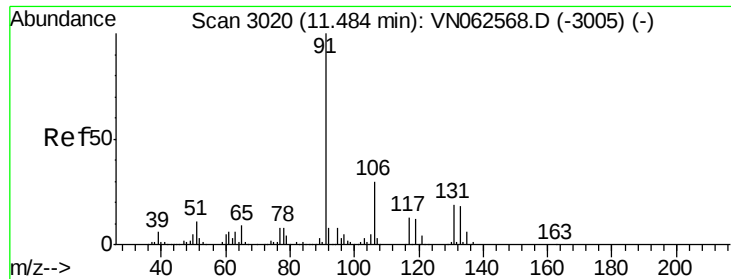
Tgt Ion:112 Resp: 1096663
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 167.595 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion:131 Resp: 413641
Ion Ratio Lower Upper
131 100
133 93.5 47.3 142.0
119 66.1 33.7 101.0

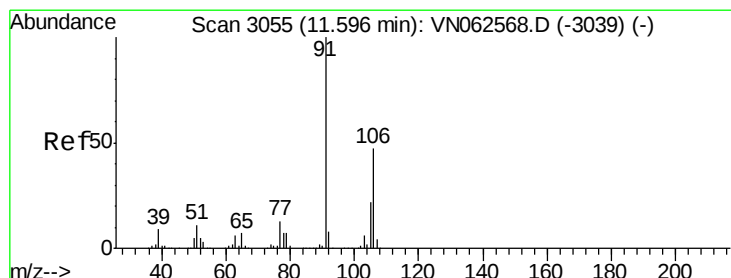
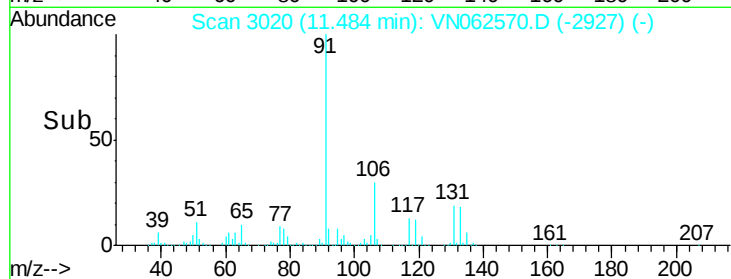
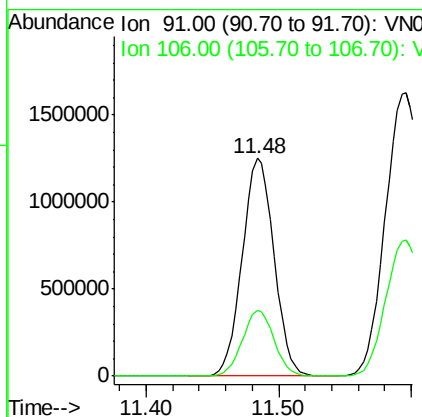
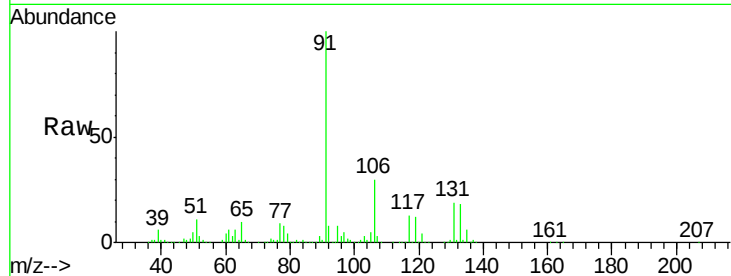




#67
Ethyl Benzene
Concen: 166.458 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

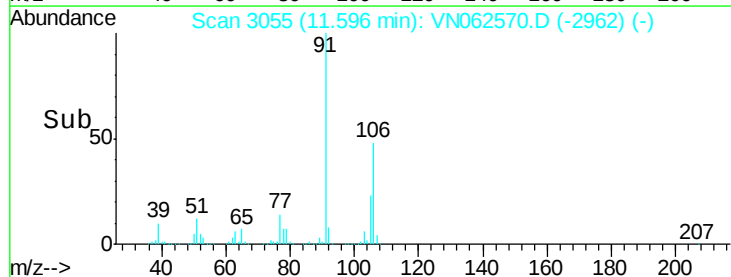
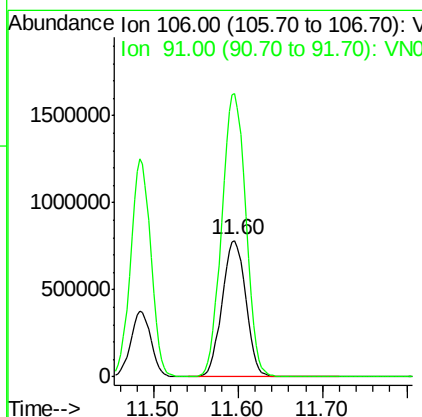
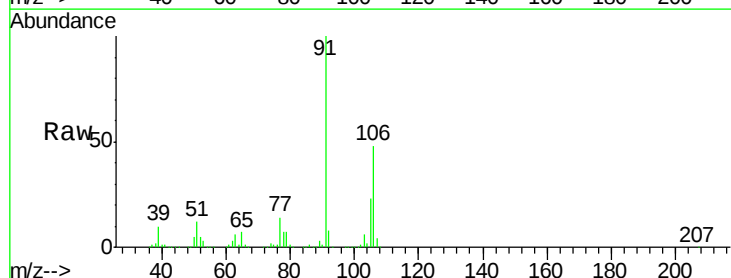
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

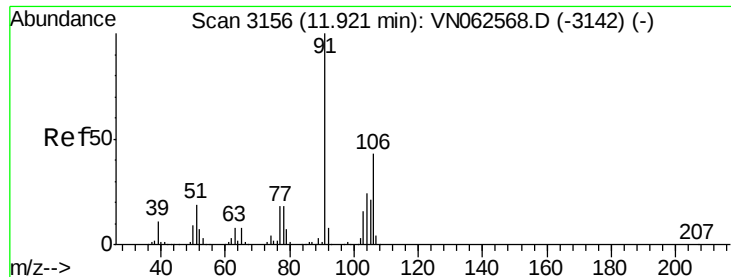
Tgt Ion: 91 Resp: 2083668
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 343.458 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion: 106 Resp: 1528604
Ion Ratio Lower Upper
106 100
91 210.4 171.4 257.2

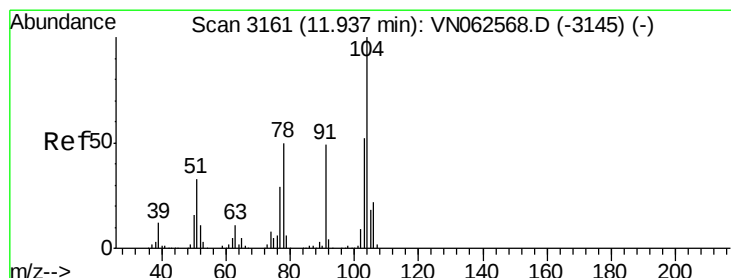
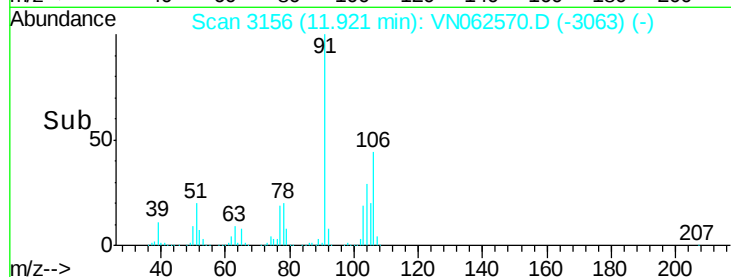
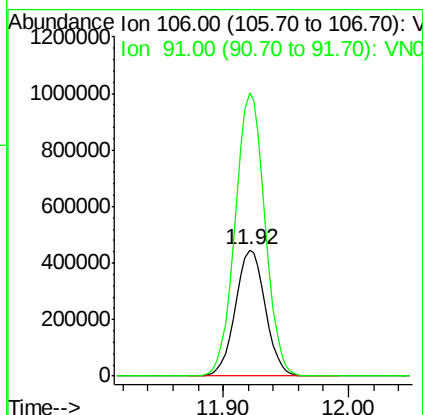
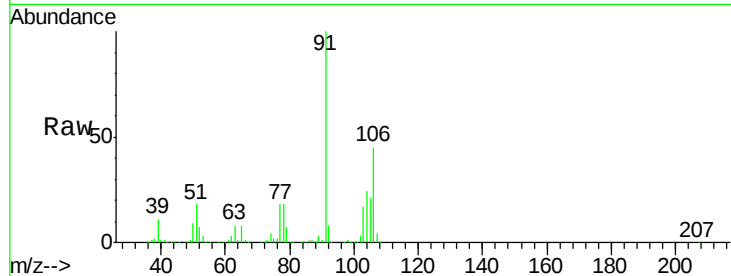




#69
o-Xylene
Concen: 171.110 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

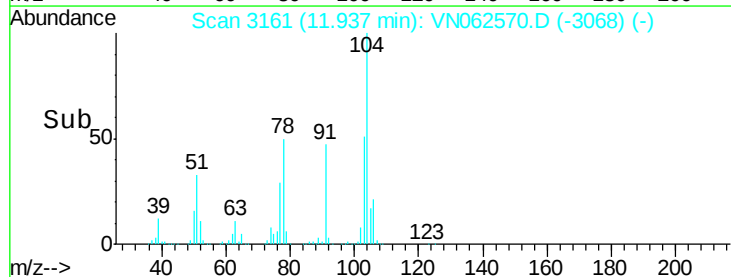
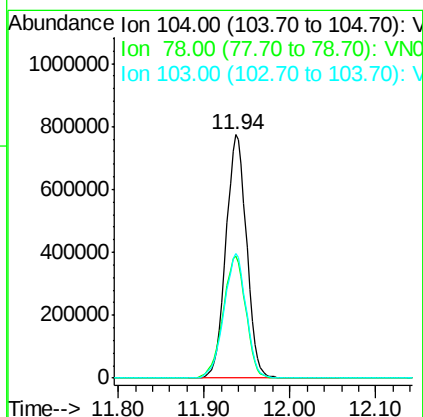
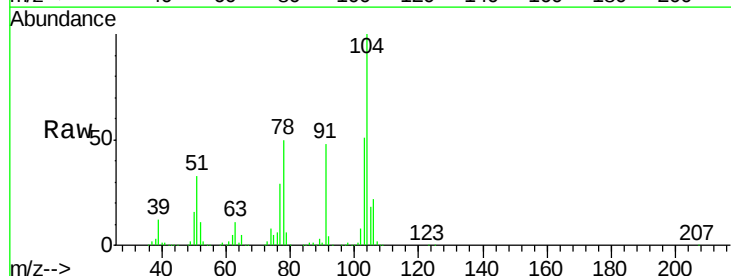
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

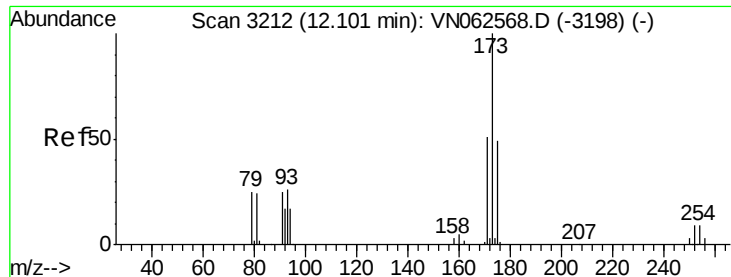
Tgt Ion:106 Resp: 739653
Ion Ratio Lower Upper
106 100
91 223.5 113.8 341.2



#70
Styrene
Concen: 180.635 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062570.D
Acq: 21 Jul 2020 13:34

Tgt Ion:104 Resp: 1291766
Ion Ratio Lower Upper
104 100
78 55.1 43.8 65.6
103 55.1 44.0 66.0





#71

Bromoform

Concen: 181.515 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

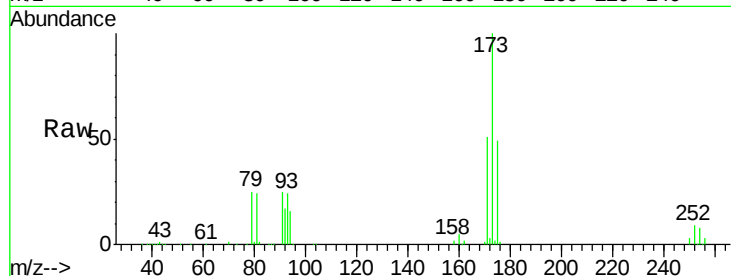
Tgt Ion:173 Resp: 329683

Ion Ratio Lower Upper

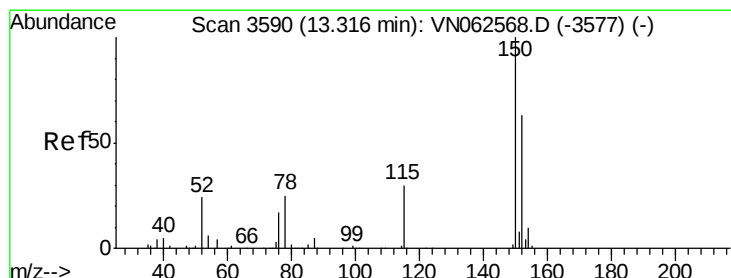
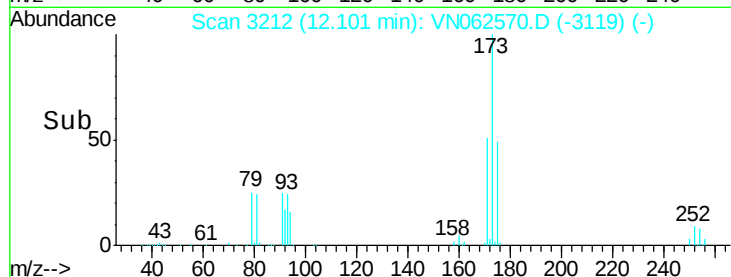
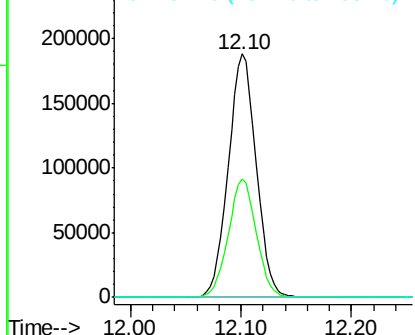
173 100

175 48.8 24.1 72.2

254 0.1 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# 3591

Delta R.T. 0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

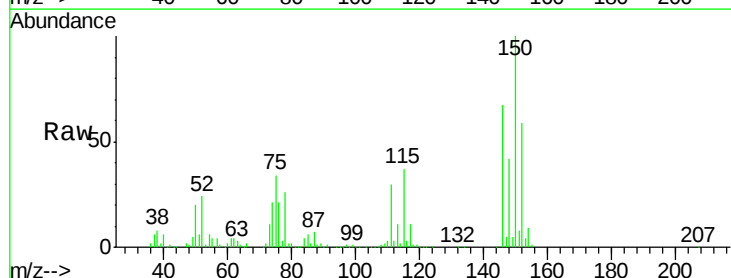
Tgt Ion:152 Resp: 169763

Ion Ratio Lower Upper

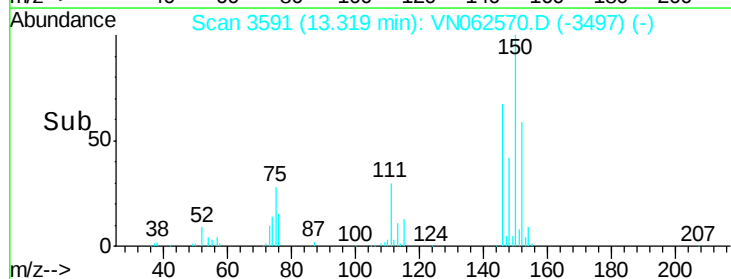
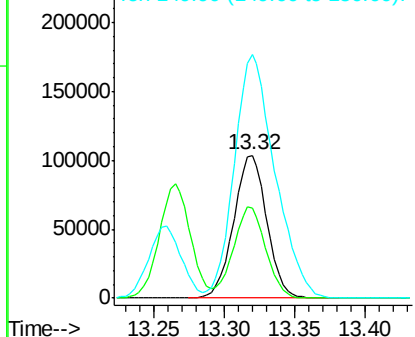
152 100

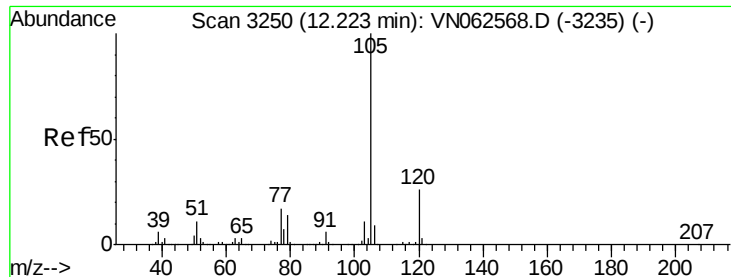
115 62.0 31.8 95.4

150 208.9 0.0 351.4



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: 150.444 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

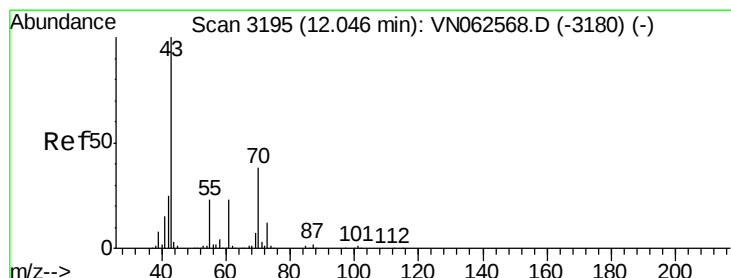
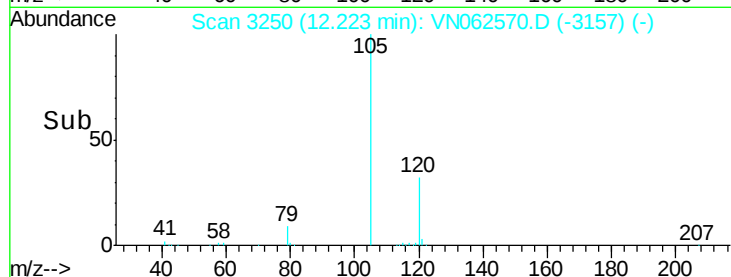
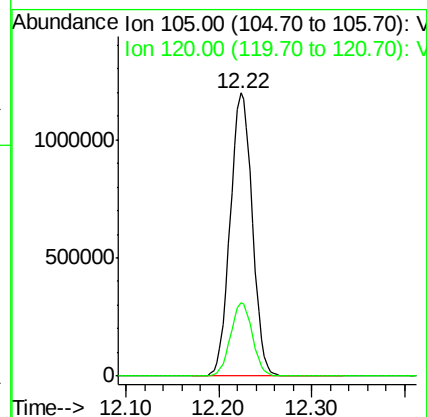
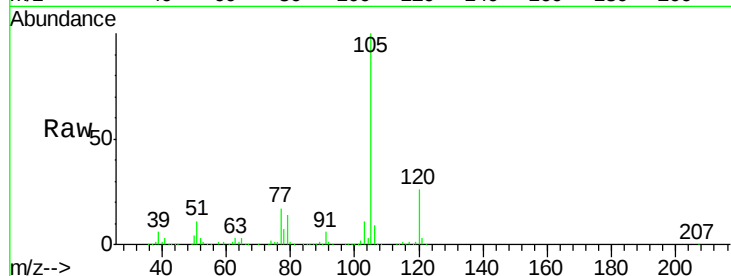
VSTDIC150

Tgt Ion:105 Resp: 1971936

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 158.215 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Tgt Ion: 43 Resp: 996595

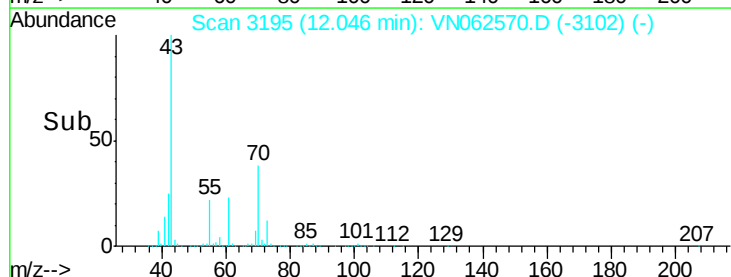
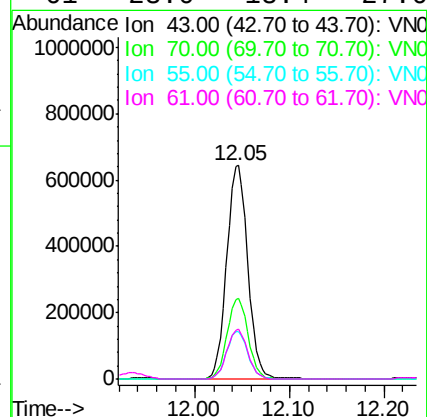
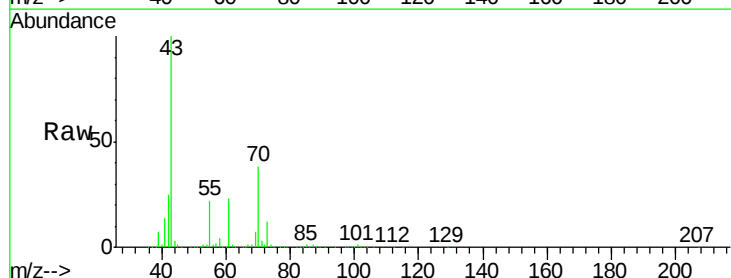
Ion Ratio Lower Upper

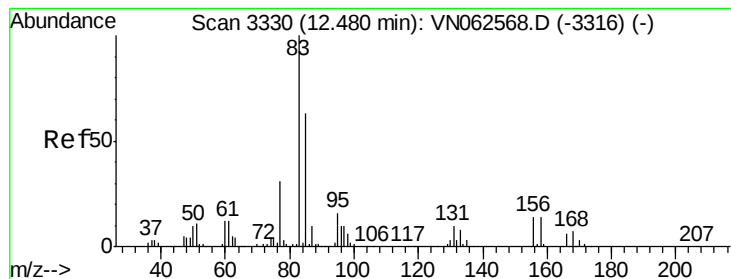
43 100

70 37.8 30.5 45.7

55 22.7 19.0 28.6

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 143.068 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

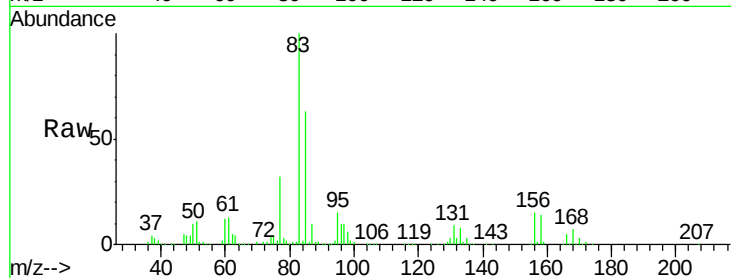
Tgt Ion: 83 Resp: 629981

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

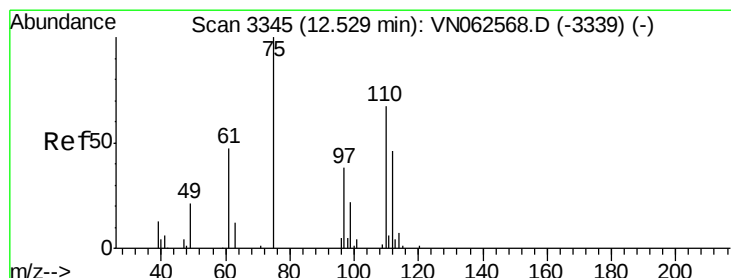
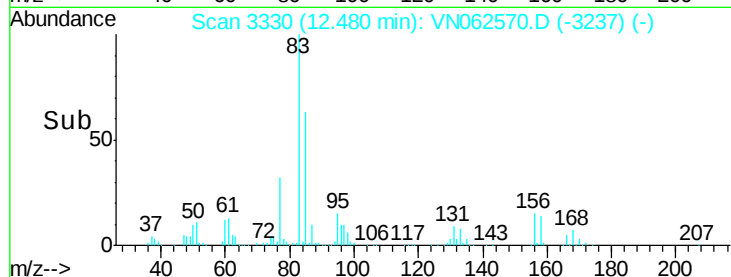
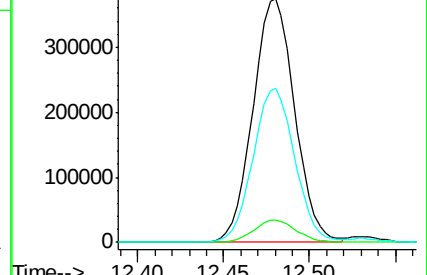
85 63.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062570.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062570.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062570.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 204.949 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062570.D

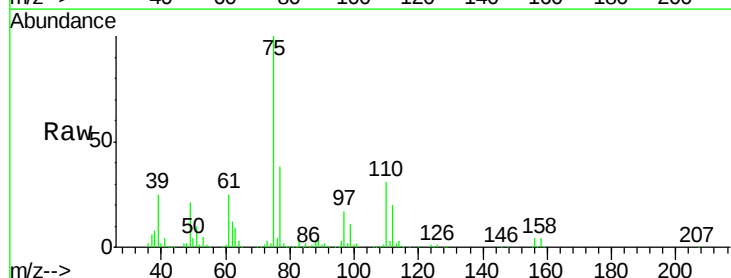
Acq: 21 Jul 2020 13:34

Tgt Ion: 75 Resp: 861366

Ion Ratio Lower Upper

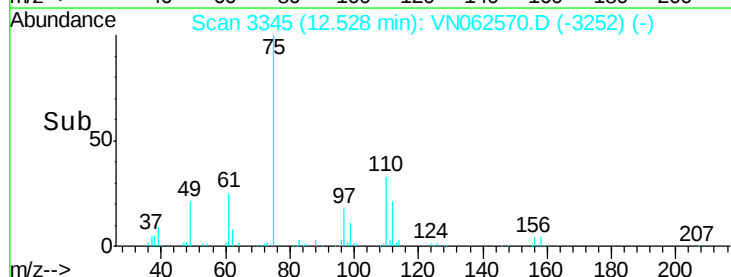
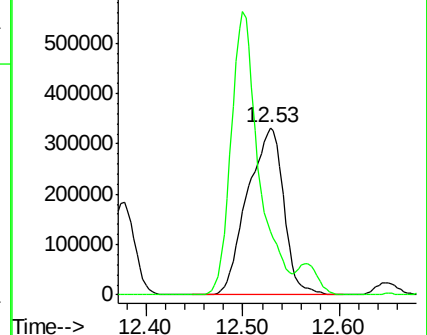
75 100

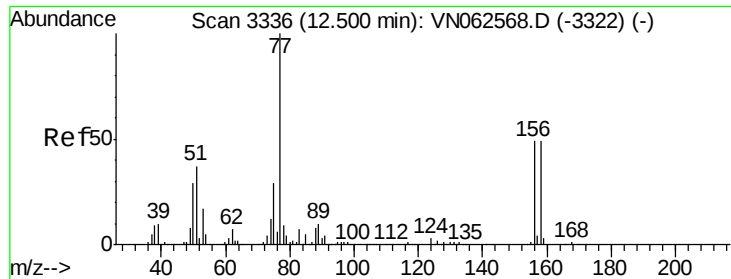
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062570.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062570.D (-3252) (-)





#77

Bromobenzene

Concen: 154.827 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

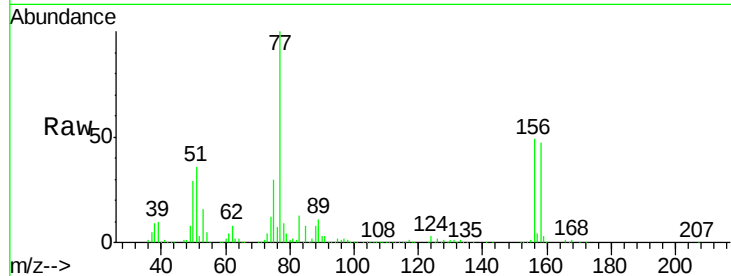
Tgt Ion:156 Resp: 463224

Ion Ratio Lower Upper

156 100

77 242.6 122.8 368.3

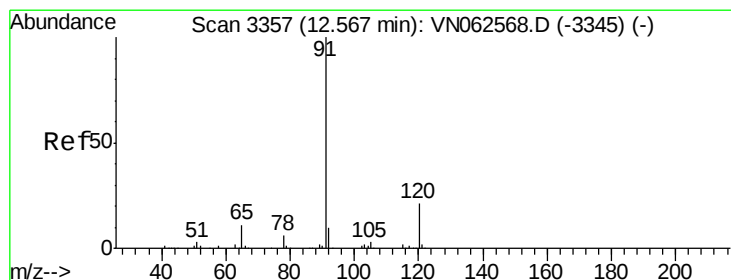
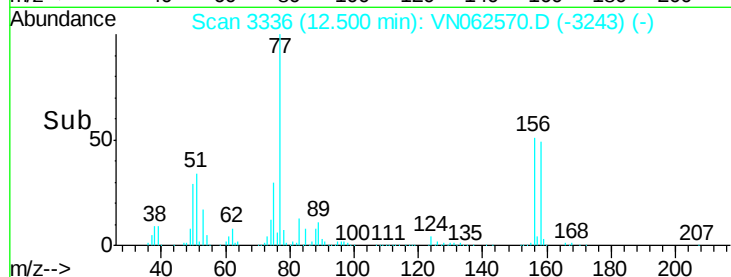
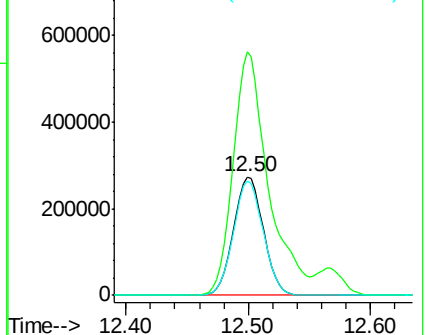
158 96.6 49.4 148.0



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: 155.188 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062570.D

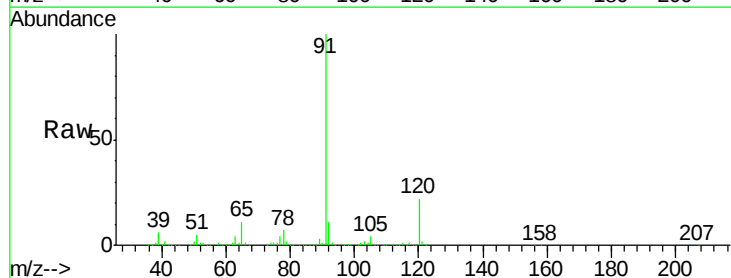
Acq: 21 Jul 2020 13:34

Tgt Ion: 91 Resp: 2370902

Ion Ratio Lower Upper

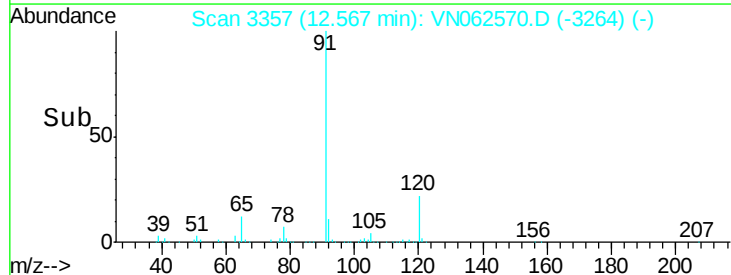
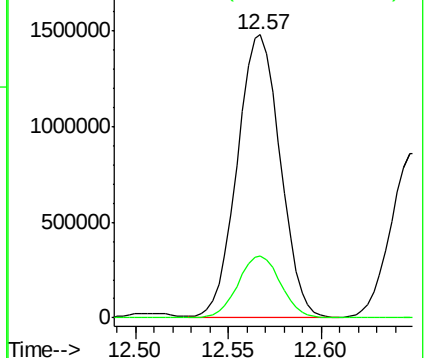
91 100

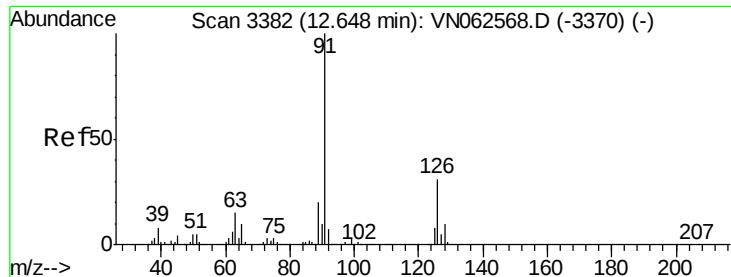
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

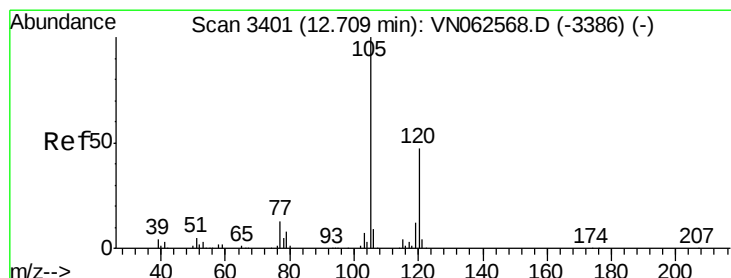
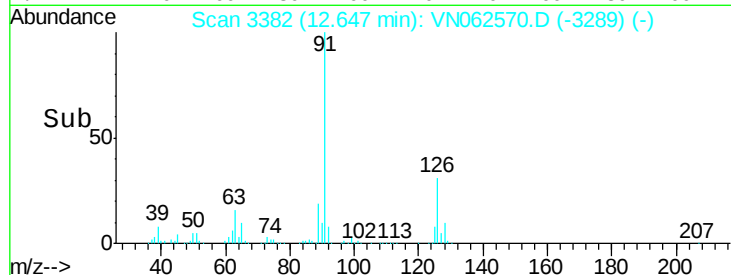
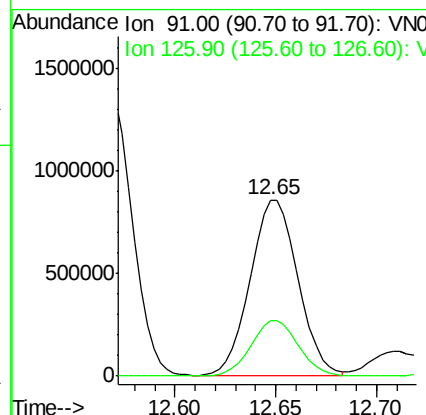
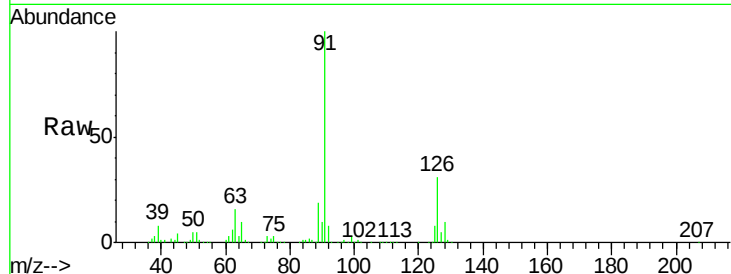




#79
 2-Chlorotoluene
 Concen: 152.464 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

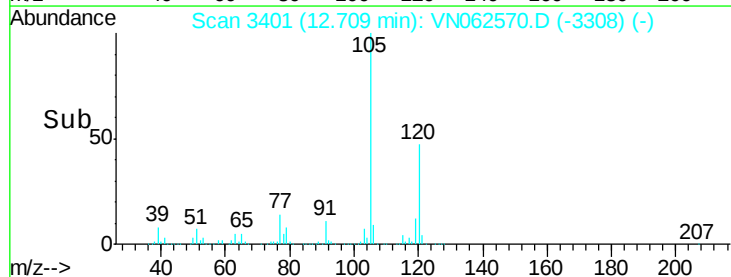
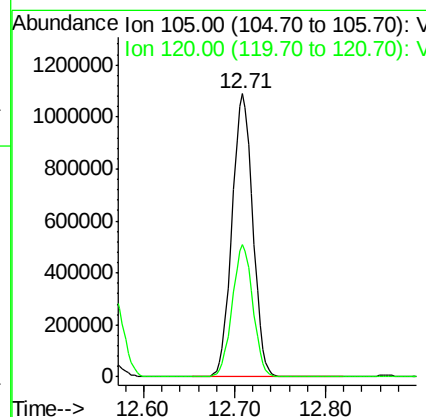
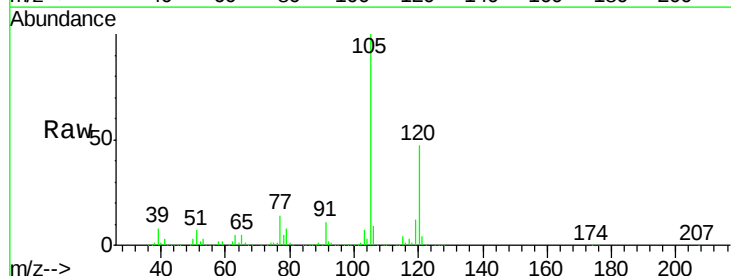
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

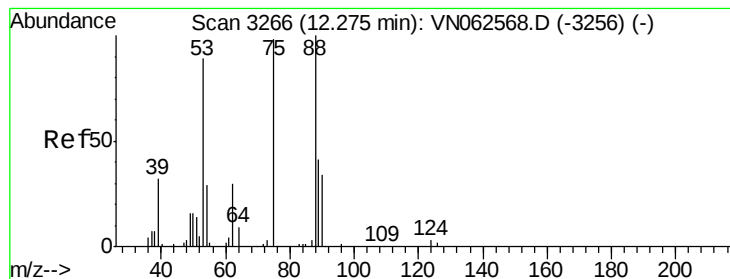
Tgt Ion: 91 Resp: 1417990
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 159.637 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion: 105 Resp: 1723582
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 155.169 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

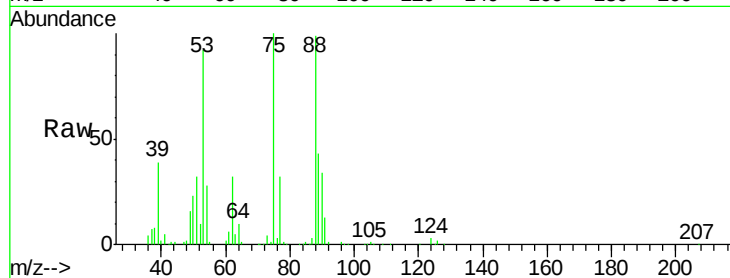
Tgt Ion: 75 Resp: 239681

Ion Ratio Lower Upper

75 100

53 92.6 75.4 113.0

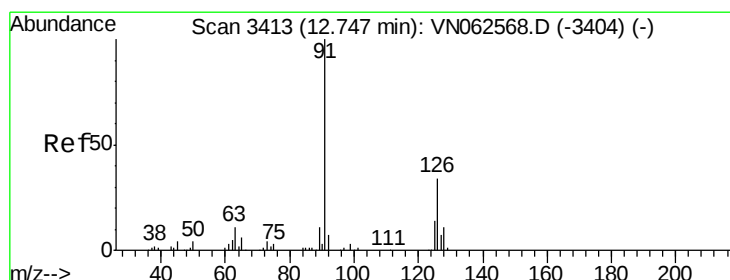
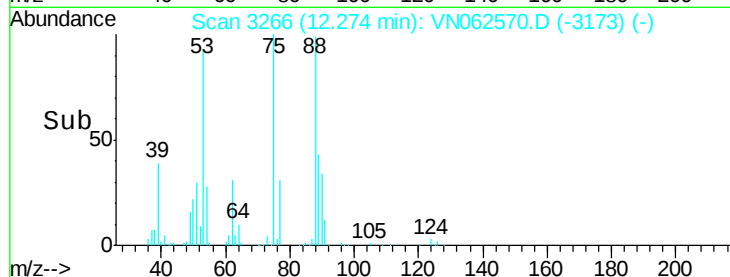
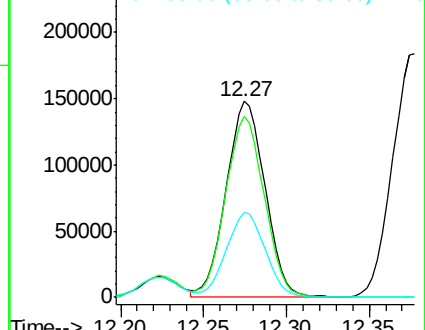
89 43.7 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062568.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062568.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 159.341 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062570.D

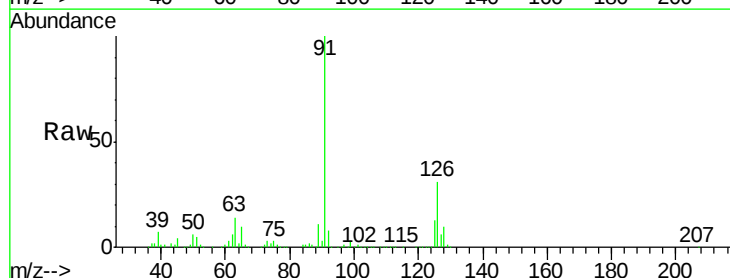
Acq: 21 Jul 2020 13:34

Tgt Ion: 91 Resp: 1506285

Ion Ratio Lower Upper

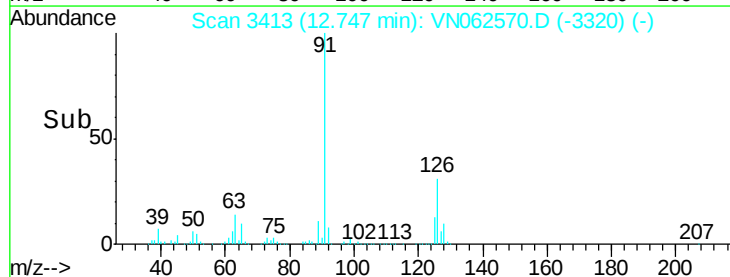
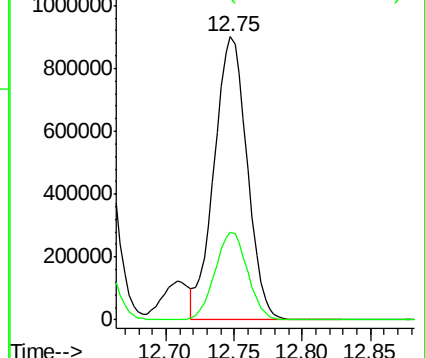
91 100

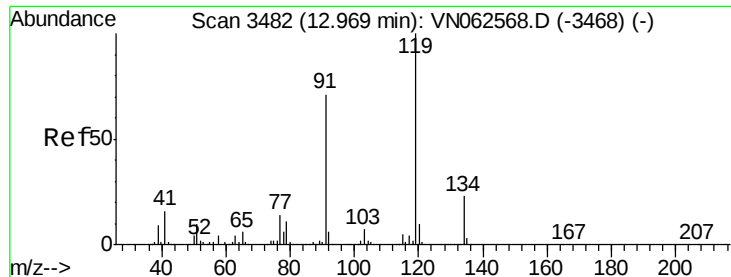
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062568.D (-3404) (-)

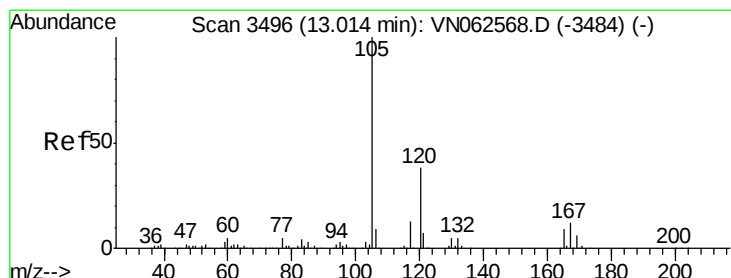
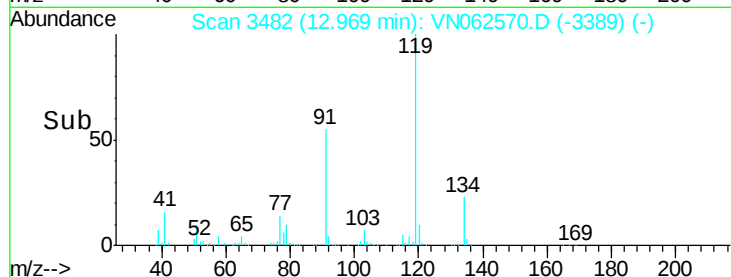
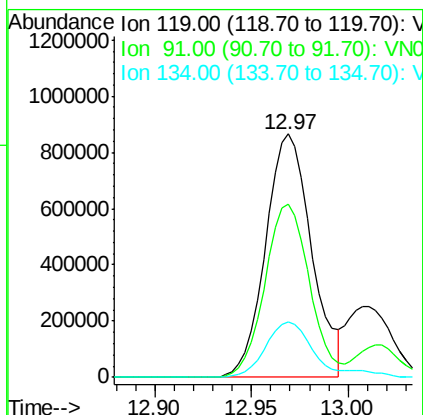
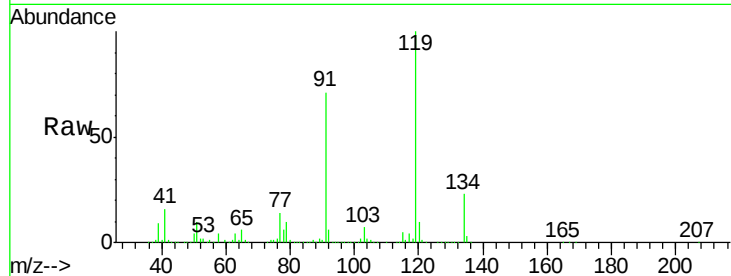




#83
 tert-Butylbenzene
 Concen: 156.830 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

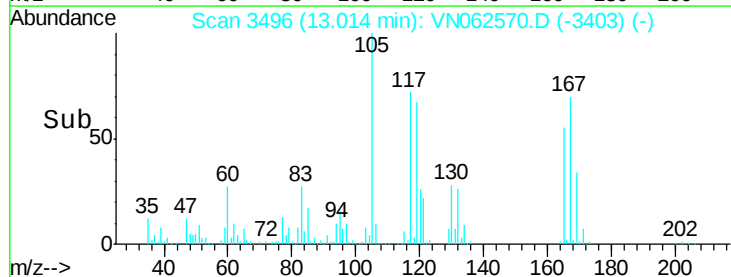
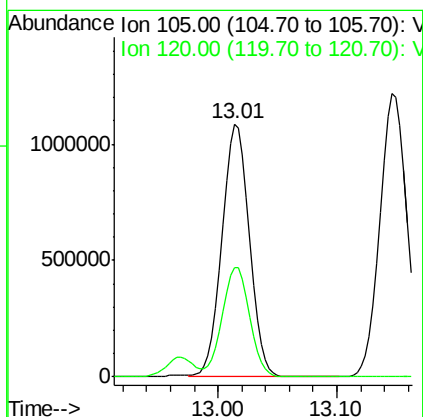
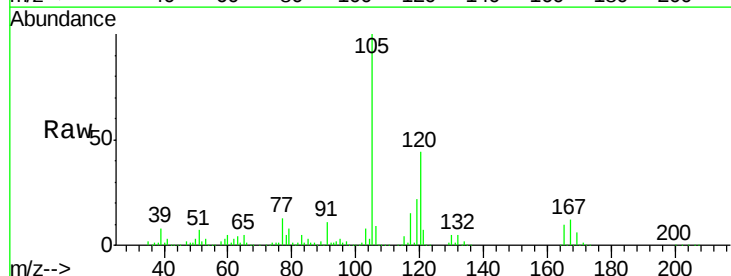
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

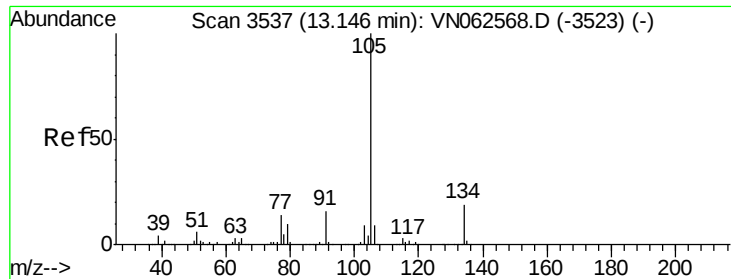
Tgt Ion:119 Resp: 1431554
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.6 103.8
 134 24.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 161.668 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion:105 Resp: 1729802
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3

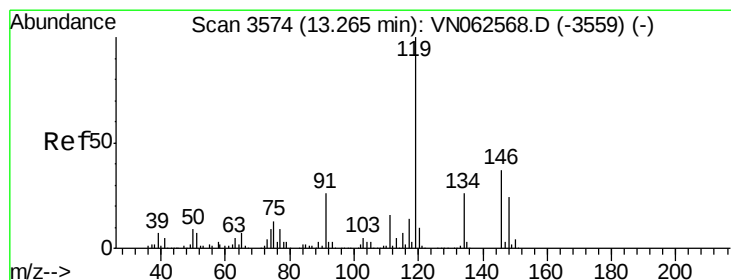
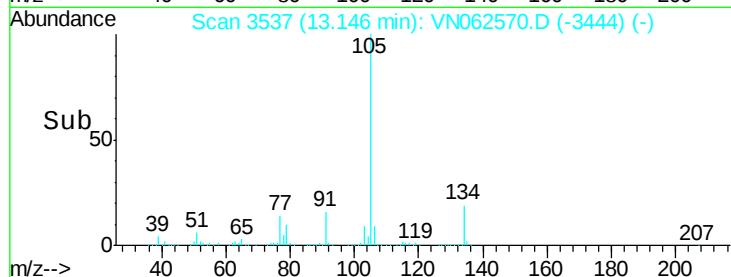
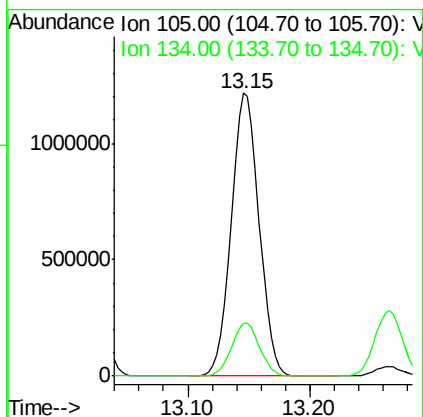
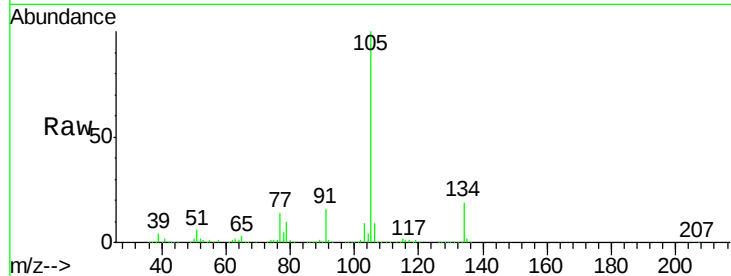




#85
 sec-Butylbenzene
 Concen: 159.611 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

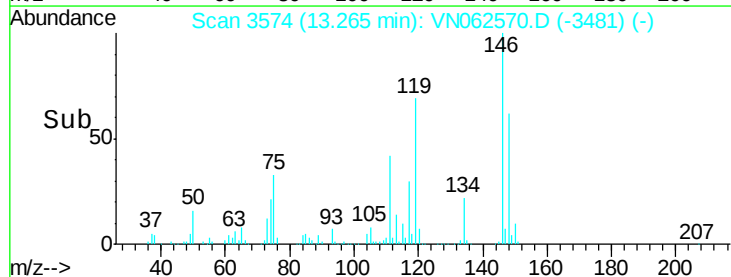
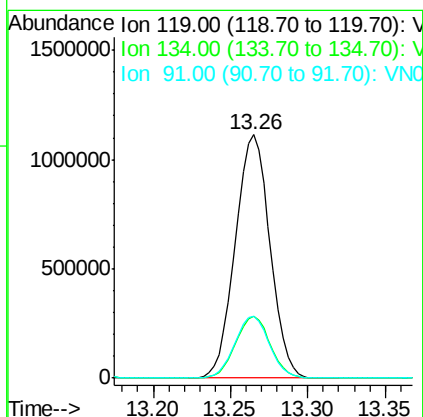
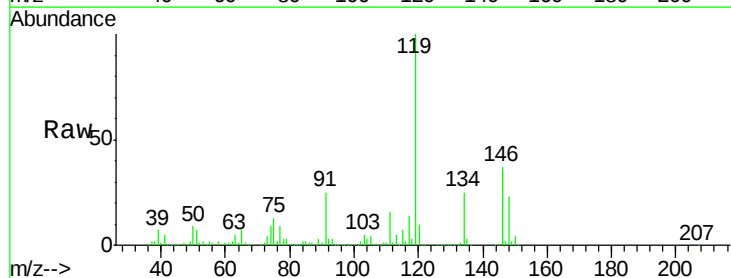
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

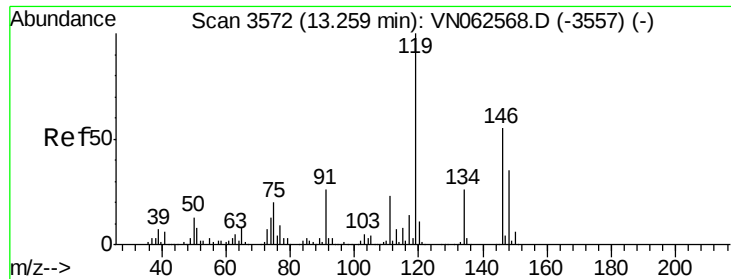
Tgt Ion:105 Resp: 1927011
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 165.934 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion:119 Resp: 1728762
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 25.3 12.7 38.1

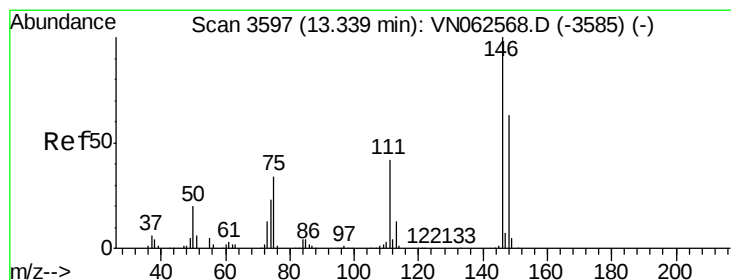
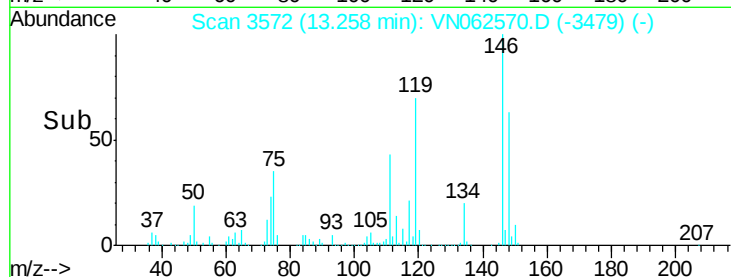
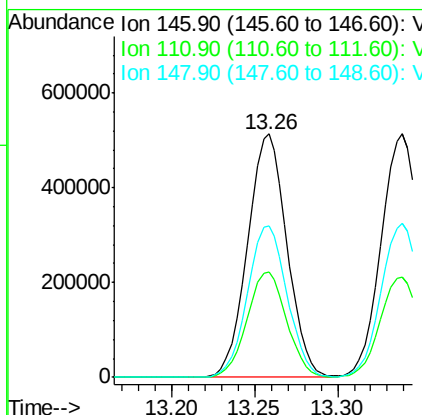
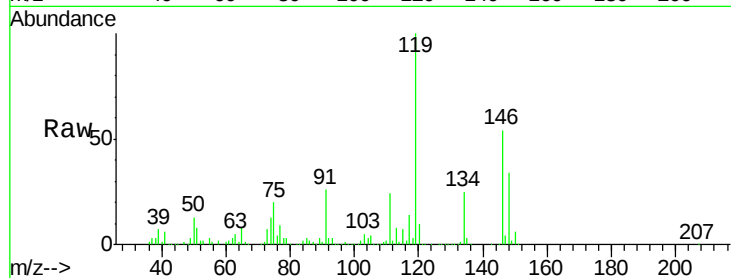




#87
 1,3-Dichlorobenzene
 Concen: 163.748 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

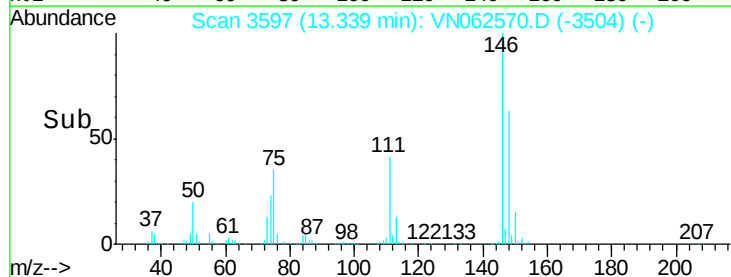
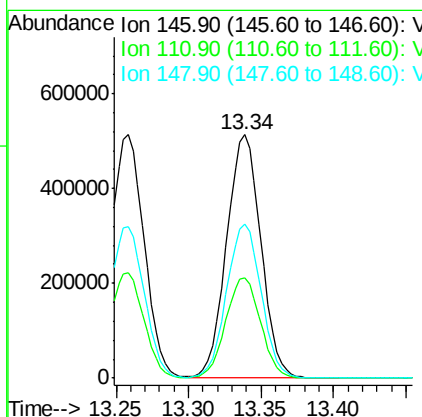
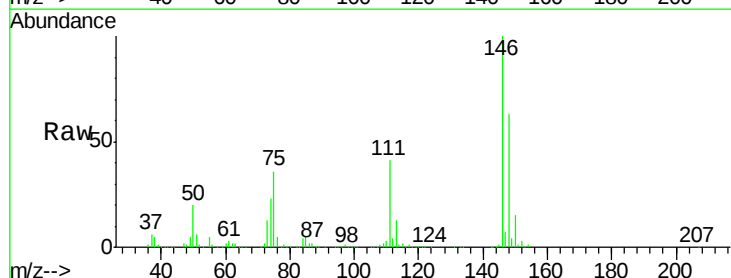
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

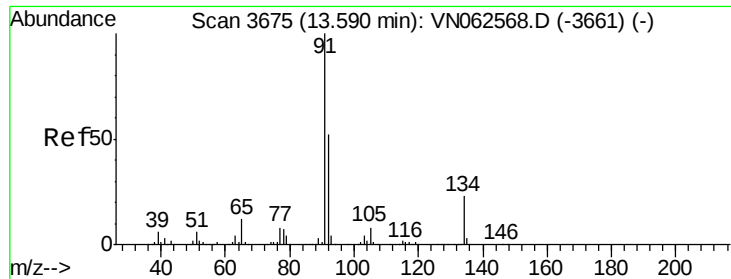
Tgt Ion:146 Resp: 844917
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 62.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 158.791 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion:146 Resp: 841486
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 169.808 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

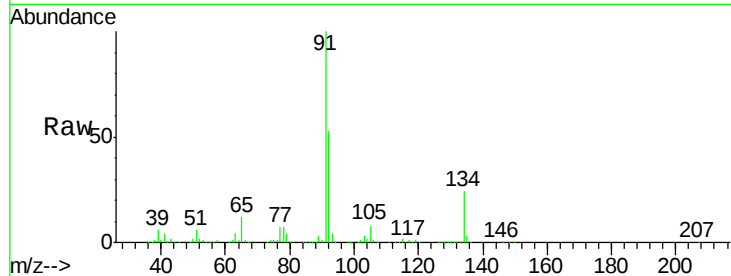
Tgt Ion: 91 Resp: 1554841

Ion Ratio Lower Upper

91 100

92 52.5 25.8 77.3

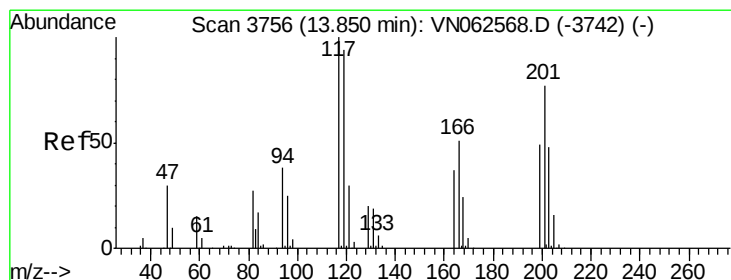
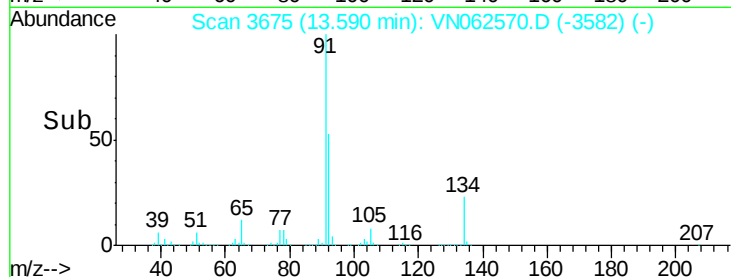
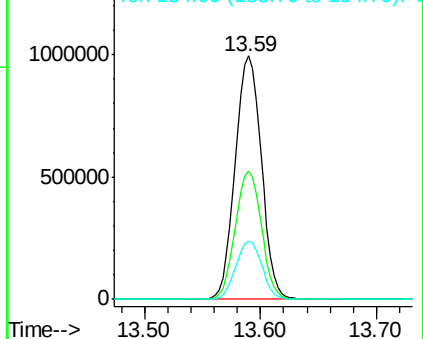
134 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)



#90

Hexachloroethane

Concen: 163.155 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062570.D

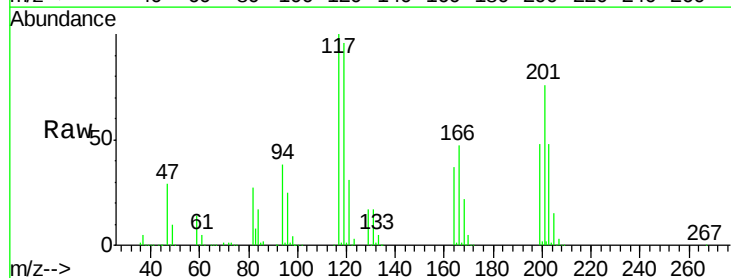
Acq: 21 Jul 2020 13:34

Tgt Ion: 117 Resp: 335335

Ion Ratio Lower Upper

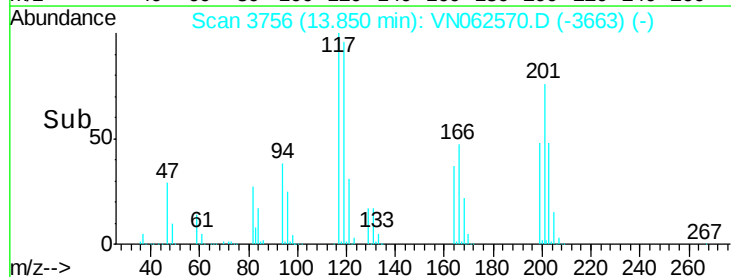
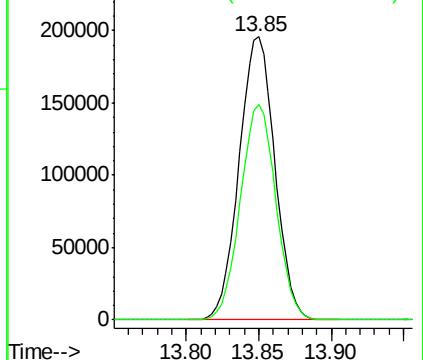
117 100

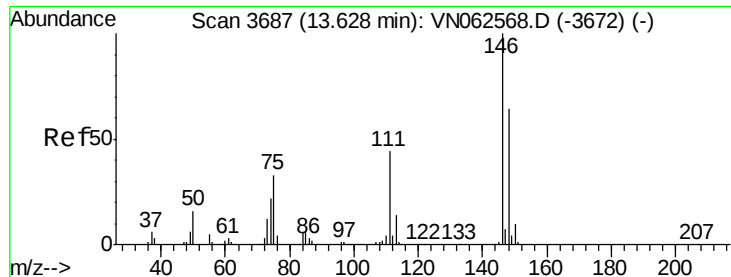
201 75.8 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 160.909 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

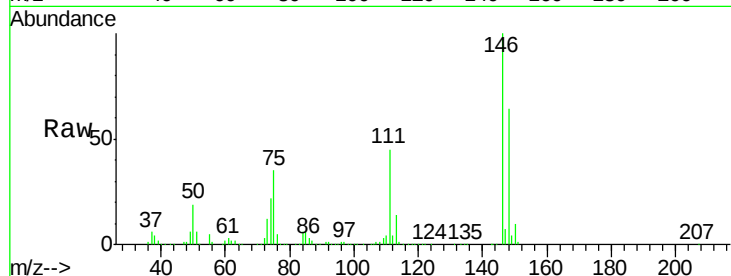
Tgt Ion:146 Resp: 804225

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.8

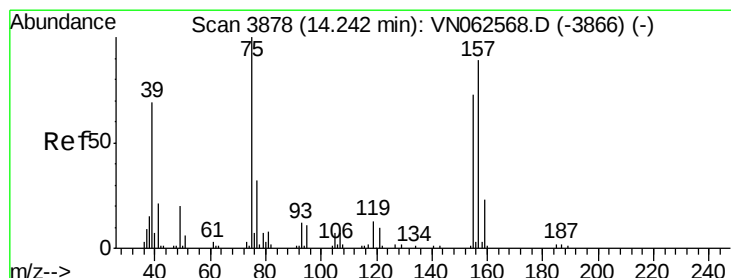
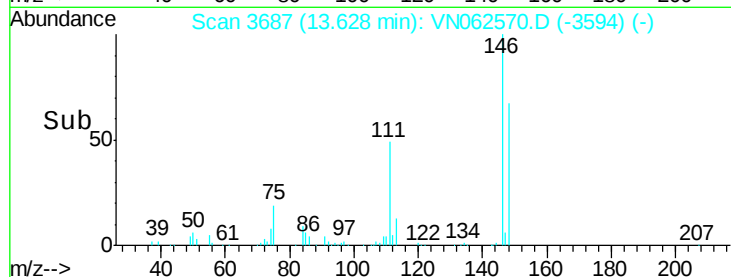
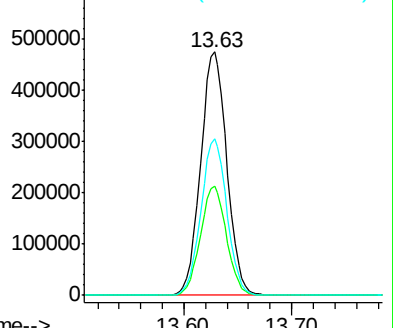
148 63.8 31.6 94.7



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: 165.705 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

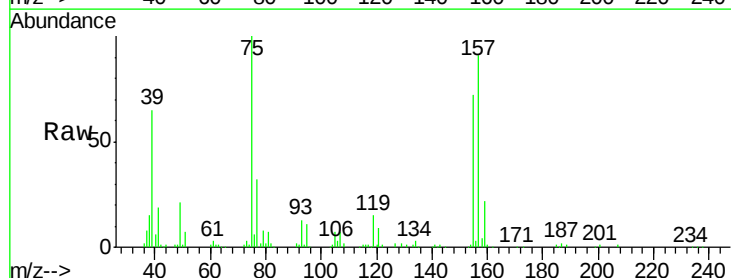
Tgt Ion: 75 Resp: 132856

Ion Ratio Lower Upper

75 100

155 72.9 35.9 107.5

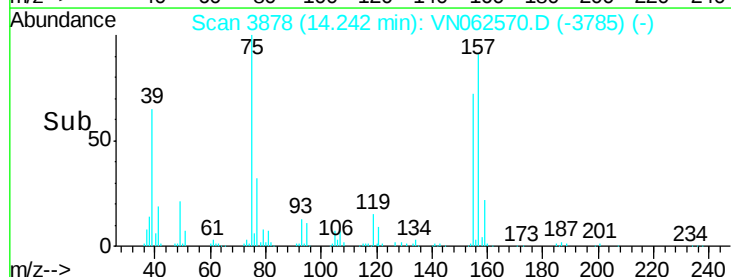
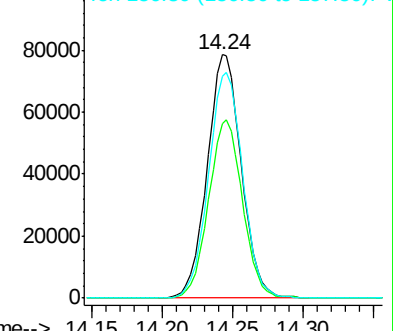
157 93.0 45.0 135.0

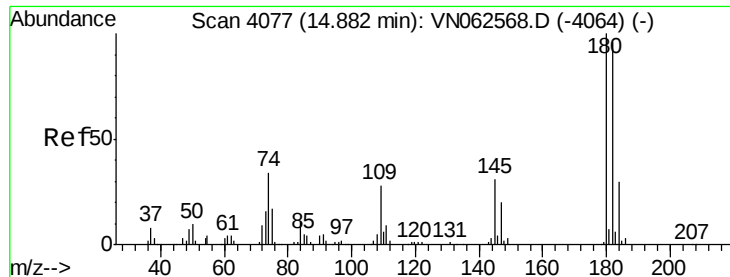


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

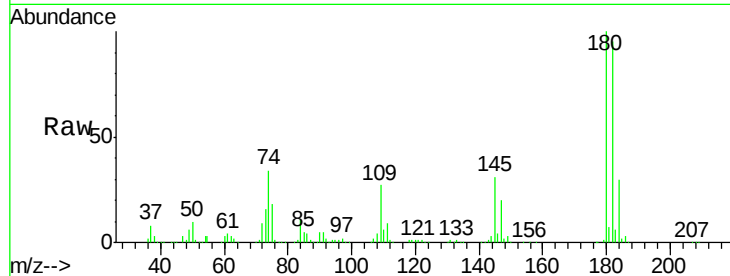




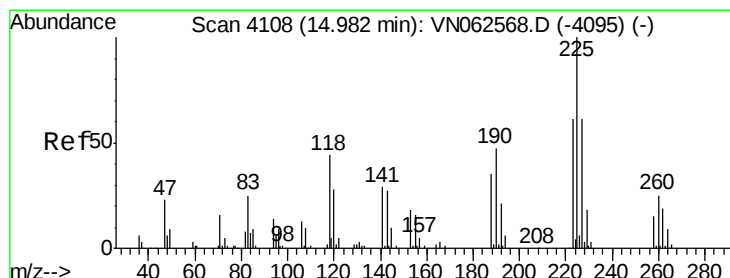
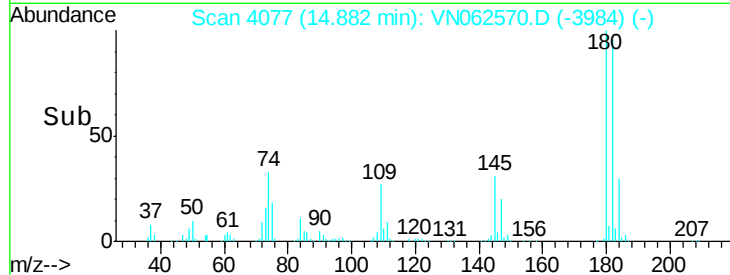
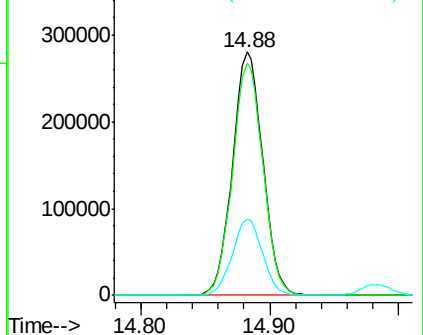
#93
 1,2,4-Trichlorobenzene
 Concen: 203.630 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 456810
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 31.3 15.3 45.9

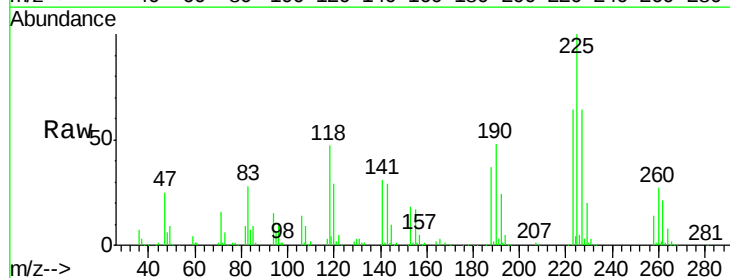


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

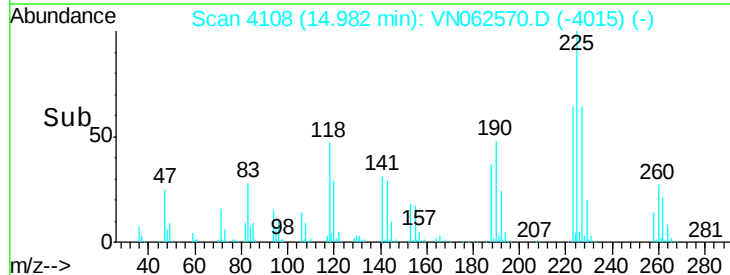
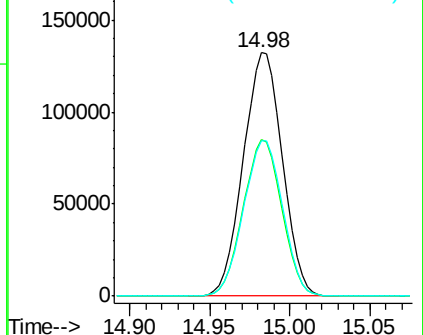


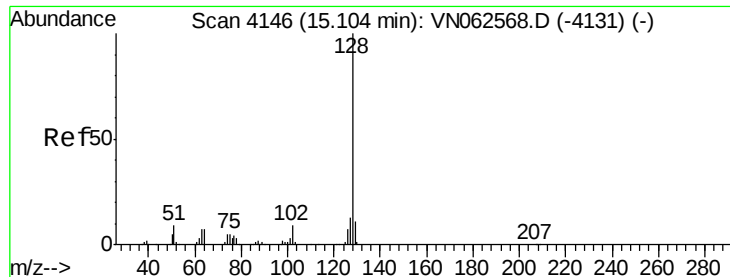
#94
 Hexachlorobutadiene
 Concen: 165.221 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062570.D
 Acq: 21 Jul 2020 13:34

Tgt Ion:225 Resp: 221362
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 63.9 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 195.567 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

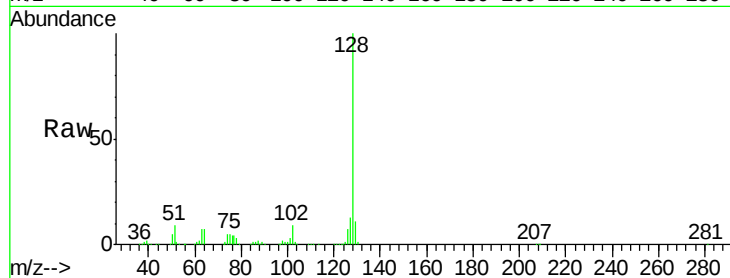
Tgt Ion:128 Resp: 1228375

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.7 13.1

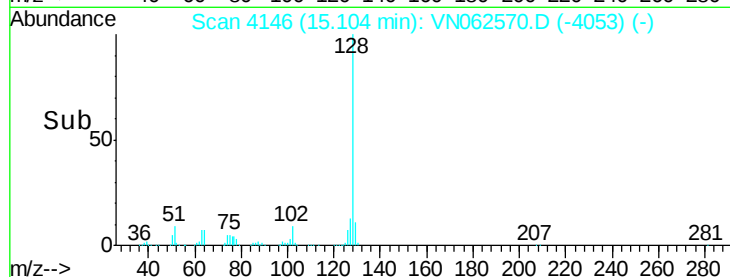


Abundance Ion 128.00 (127.70 to 128.70): V

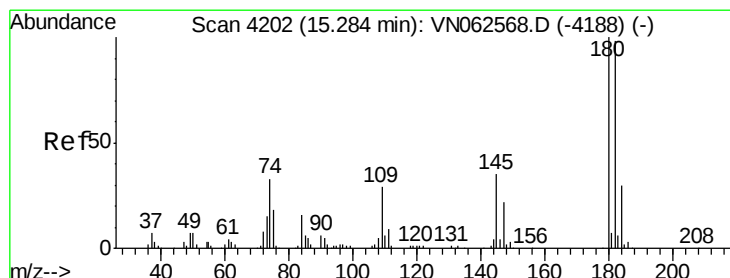
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.10



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 190.409 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062570.D

Acq: 21 Jul 2020 13:34

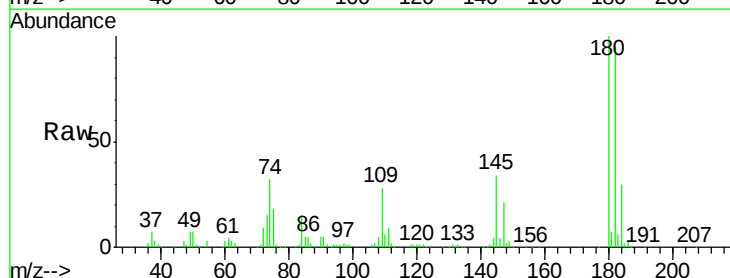
Tgt Ion:180 Resp: 444452

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 33.5 16.7 50.1

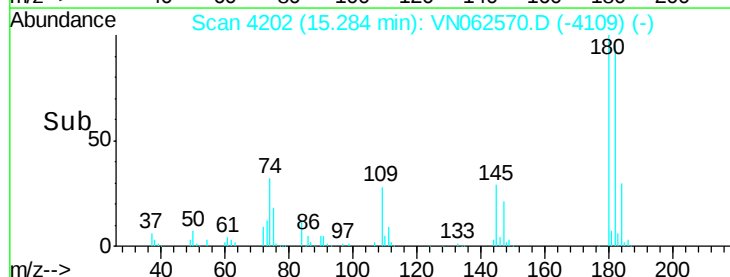


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.28



Time-->