

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062920\
 Data File : VN062228.D
 Acq On : 30 Jun 2020 8:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 10:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	172713	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
35) Dibromofluoromethane	7.55	113	136649	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.06	98	549345	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	182433	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	116102	46.342	ug/l	99
3) Chloromethane	2.03	50	153369	52.053	ug/l	97
4) Vinyl Chloride	2.16	62	182248	46.192	ug/l	98
5) Bromomethane	2.52	94	118841	46.606	ug/l	98
6) Chloroethane	2.66	64	129328	47.985	ug/l	98
7) Trichlorofluoromethane	2.98	101	225883	46.463	ug/l	100
8) Diethyl Ether	3.37	74	87472	51.527	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124452	48.884	ug/l	98
10) Methyl Iodide	3.91	142	157922	55.080	ug/l	99
11) Tert butyl alcohol	4.73	59	119893	268.461	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126221	49.595	ug/l	99
13) Acrolein	3.56	56	126409	289.105	ug/l	97
14) Allyl chloride	4.27	41	178426	51.493	ug/l	99
15) Acrylonitrile	4.93	53	344185	282.818	ug/l	99
16) Acetone	3.77	43	268747	275.678	ug/l	98
17) Carbon Disulfide	4.00	76	351359	48.201	ug/l	100
18) Methyl Acetate	4.28	43	141105	57.067	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	439365	54.026	ug/l	98
20) Methylene Chloride	4.50	84	154664	54.184	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	141320	48.742	ug/l	93
22) Diisopropyl ether	5.90	45	433478	54.943	ug/l	98
23) Vinyl Acetate	5.84	43	1801832	279.726	ug/l	98
24) 1,1-Dichloroethane	5.80	63	267807	52.713	ug/l	99
25) 2-Butanone	6.78	43	427900	281.447	ug/l	98
26) 2,2-Dichloropropane	6.78	77	140146	33.103	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	164957	50.562	ug/l	97
28) Bromochloromethane	7.15	49	116994	53.075	ug/l	96
29) Tetrahydrofuran	7.17	42	285596	286.770	ug/l	99
30) Chloroform	7.33	83	268358	51.917	ug/l	99
31) Cyclohexane	7.61	56	212190	49.376	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	222626	51.071	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198033	47.758	ug/l	98
37) Ethyl Acetate	6.88	43	180681	52.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	183925	47.047	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	217519	47.876	ug/l	99
40) Benzene	8.00	78	618235	48.916	ug/l	98
41) Methacrylonitrile	7.12	41	72427	45.499	ug/l	93
42) 1,2-Dichloroethane	8.09	62	217133	50.849	ug/l	99
43) Isopropyl Acetate	8.13	43	297382	53.129	ug/l #	90
44) Trichloroethene	8.80	130	147810	46.362	ug/l	99
45) 1,2-Dichloropropane	9.09	63	160290	51.407	ug/l	98
46) Dibromomethane	9.17	93	105029	49.682	ug/l	97
47) Bromodichloromethane	9.37	83	218096	51.094	ug/l	99
48) Methyl methacrylate	9.17	41	135433	53.964	ug/l	99
49) 1,4-Dioxane	9.17	88	56588	1016.751	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	926304	283.247	ug/l	99
52) Toluene	10.12	92	389578	50.519	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	224180	47.737	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	244333	48.869	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	157196	51.857	ug/l	99
56) Ethyl methacrylate	10.40	69	226267	55.931	ug/l	99
57) 1,3-Dichloropropane	10.68	76	269813	51.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	437990	254.019	ug/l	97
59) 2-Hexanone	10.72	43	674864	285.781	ug/l	100
60) Dibromochloromethane	10.87	129	163141	50.833	ug/l	98
61) 1,2-Dibromoethane	10.98	107	155274	49.851	ug/l	98
64) Tetrachloroethene	10.60	164	118079	44.659	ug/l	97
65) Chlorobenzene	11.41	112	409379	48.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	145274	49.426	ug/l	99
67) Ethyl Benzene	11.48	91	734570	51.170	ug/l	98
68) m/p-Xylenes	11.59	106	557992	100.494	ug/l	98
69) o-Xylene	11.92	106	265696	50.717	ug/l	97
70) Styrene	11.94	104	461765	52.852	ug/l	99
71) Bromoform	12.10	173	105062	50.274	ug/l #	98
73) Isopropylbenzene	12.22	105	702824	50.114	ug/l	99
74) N-amyl acetate	12.04	43	267386	51.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	235418	50.443	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	286503	67.175	ug/l #	100
77) Bromobenzene	12.50	156	163493	46.956	ug/l	93
78) n-propylbenzene	12.56	91	825474	51.457	ug/l	99
79) 2-Chlorotoluene	12.65	91	488600	50.381	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	586283	51.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	68130	46.651	ug/l	99
82) 4-Chlorotoluene	12.75	91	498746	49.732	ug/l	99
83) tert-Butylbenzene	12.97	119	488807	50.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	586879	51.686	ug/l	99
85) sec-Butylbenzene	13.15	105	683993	53.202	ug/l	99
86) p-Isopropyltoluene	13.26	119	593013	52.648	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	299130	48.925	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	295820	46.938	ug/l	99
89) n-Butylbenzene	13.59	91	494066	52.760	ug/l	99
90) Hexachloroethane	13.85	117	115319	52.182	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	290268	48.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	41474	55.474	ug/l	93

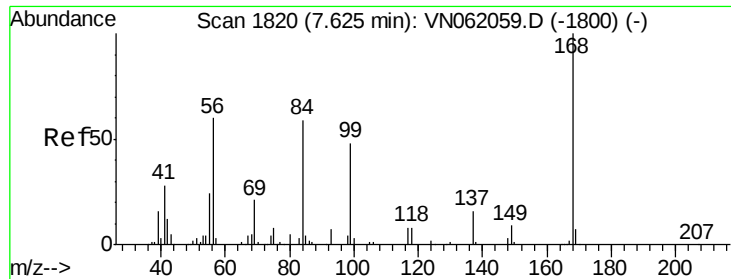
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062920\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	127452	49.209	ug/l	99
94) Hexachlorobutadiene	14.98	225	56441	50.173	ug/l	97
95) Naphthalene	15.10	128	381694	44.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	132415	49.999	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

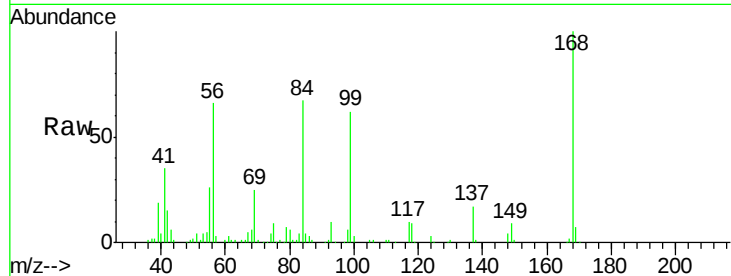
VSTDCCC050EC

Tgt Ion:168 Resp: 221648

Ion Ratio Lower Upper

168 100

99 61.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

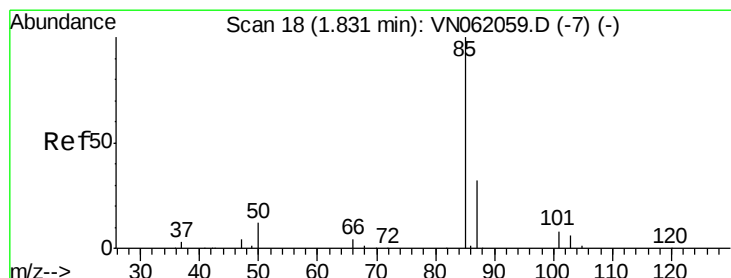
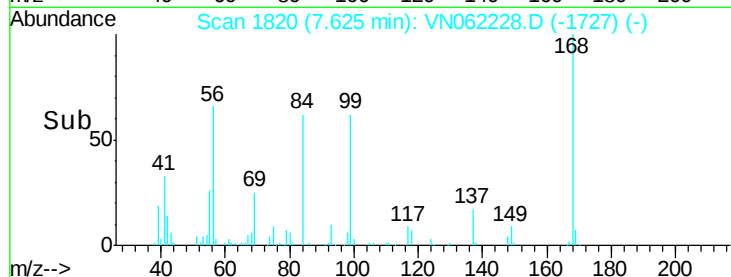
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.342 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062228.D

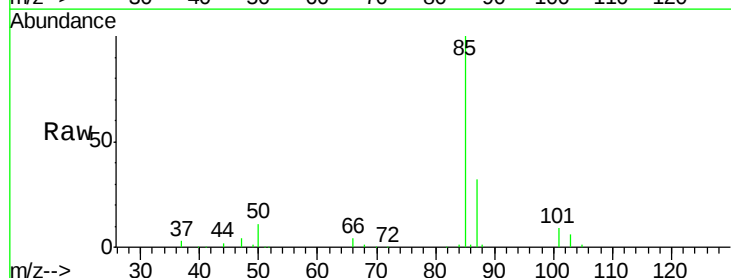
Acq: 30 Jun 2020 8:37

Tgt Ion: 85 Resp: 116102

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

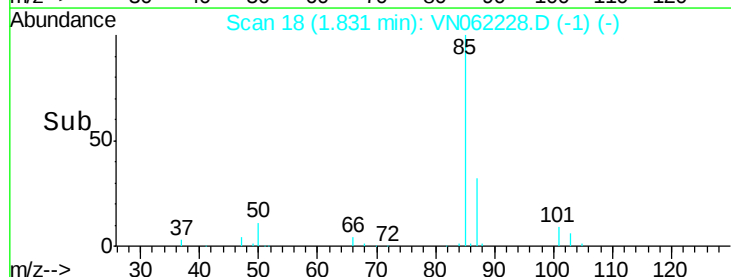
60000

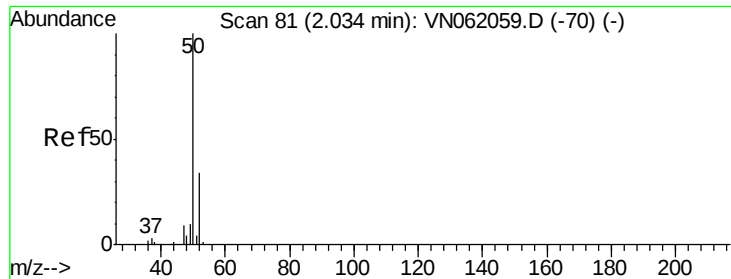
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 52.053 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

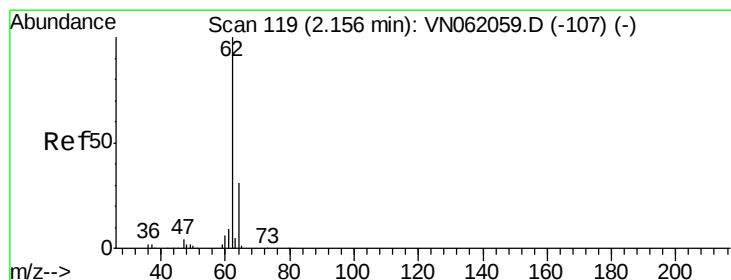
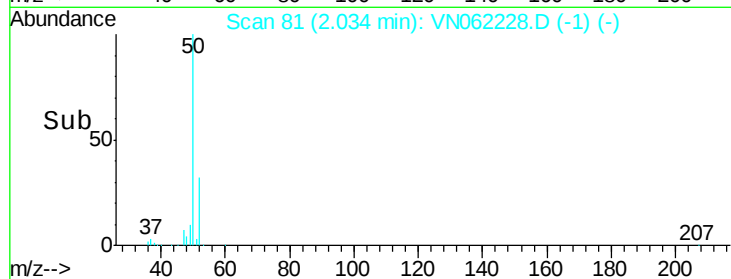
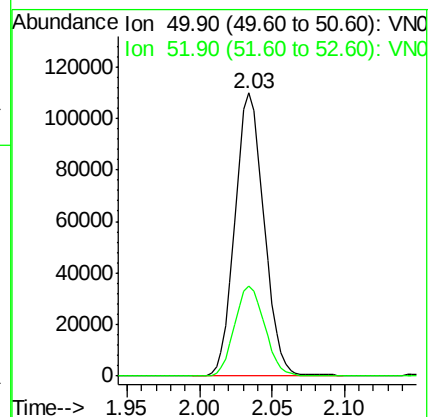
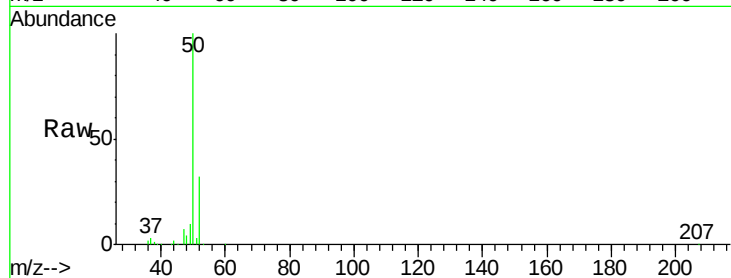
VSTDCCC050EC

Tgt Ion: 50 Resp: 153369

Ion Ratio Lower Upper

50 100

52 31.9 27.0 40.6



#4

Vinyl Chloride

Concen: 46.192 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062228.D

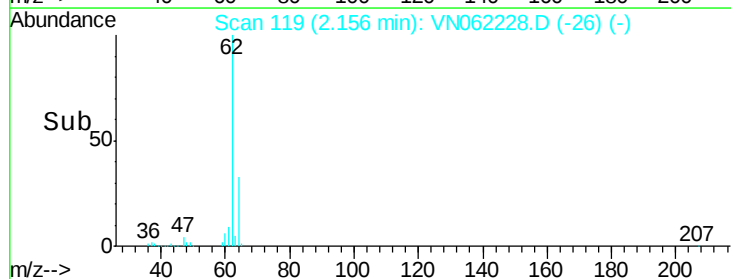
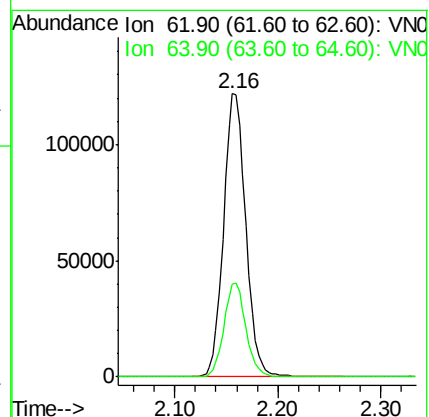
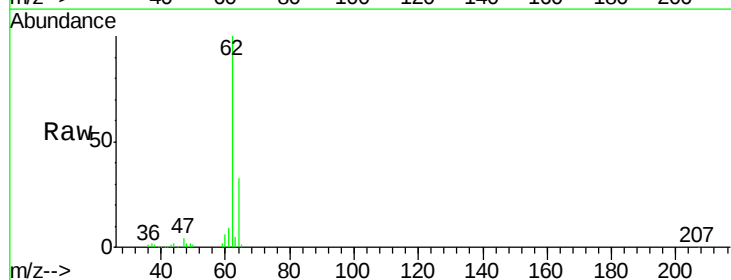
Acq: 30 Jun 2020 8:37

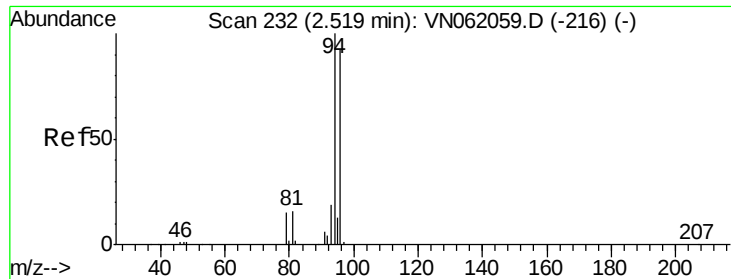
Tgt Ion: 62 Resp: 182248

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 46.606 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

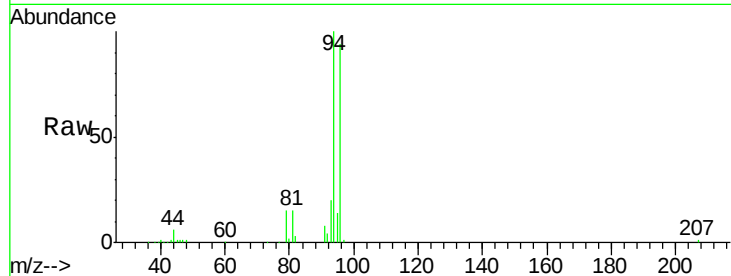
VSTDCCC050EC

Tgt Ion: 94 Resp: 118841

Ion Ratio Lower Upper

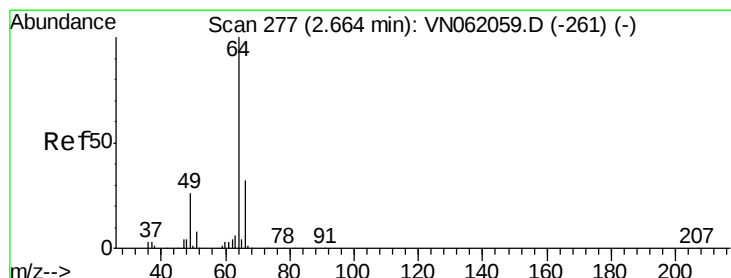
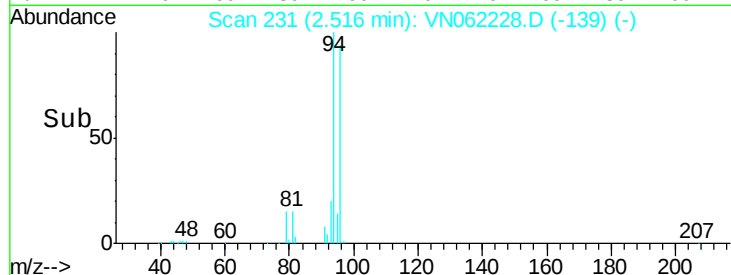
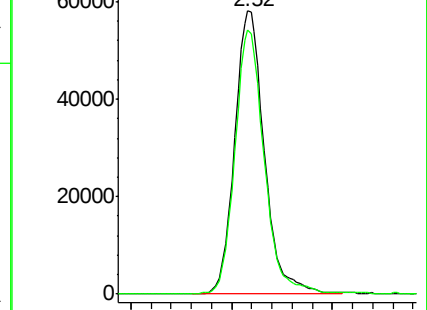
94 100

96 93.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062228.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062228.D (-139) (-)



#6

Chloroethane

Concen: 47.985 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062228.D

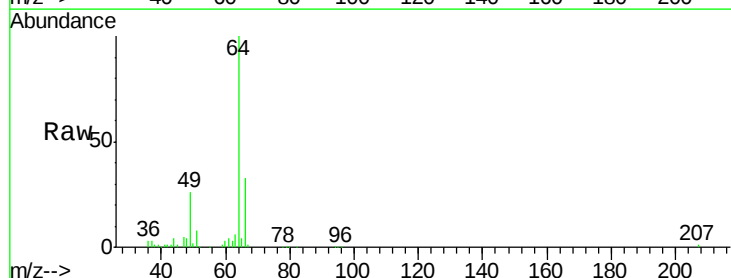
Acq: 30 Jun 2020 8:37

Tgt Ion: 64 Resp: 129328

Ion Ratio Lower Upper

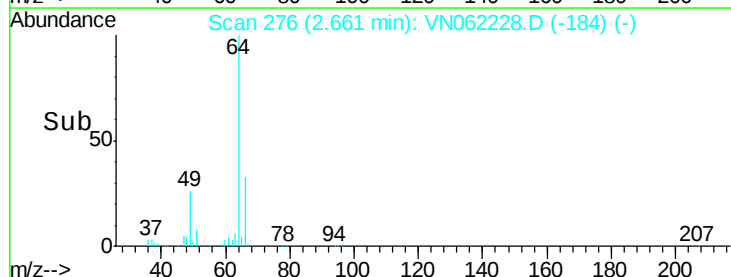
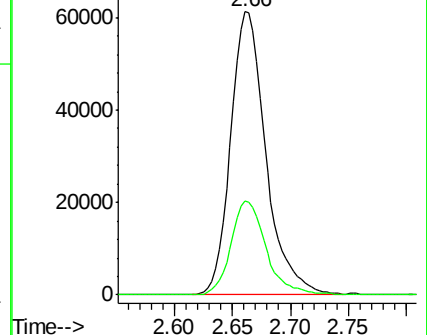
64 100

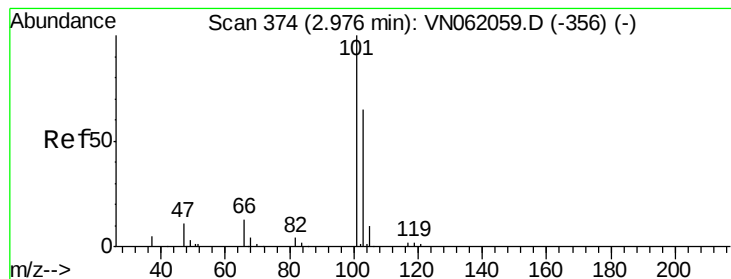
66 33.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062228.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062228.D (-184) (-)



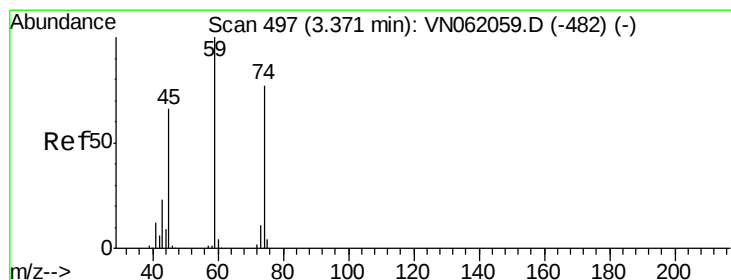
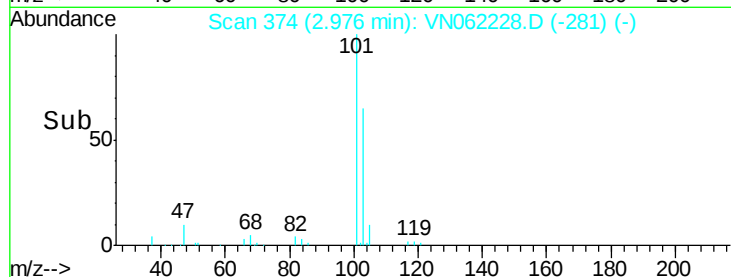
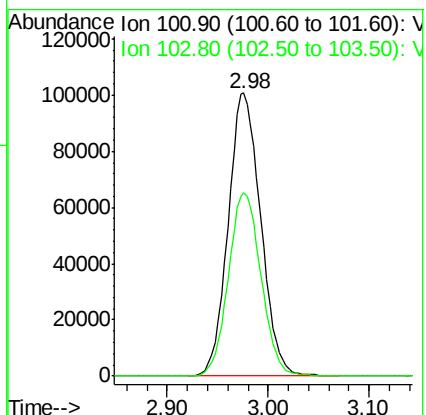
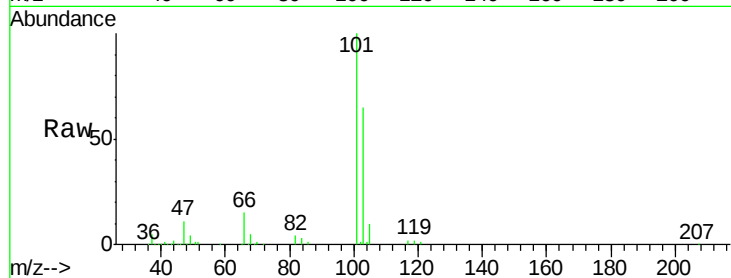


#7

Trichlorofluoromethane
Concen: 46.463 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Instrument :
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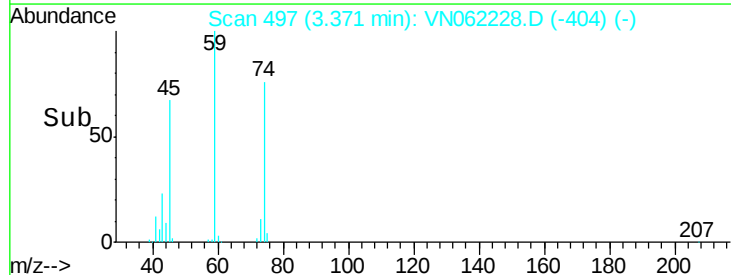
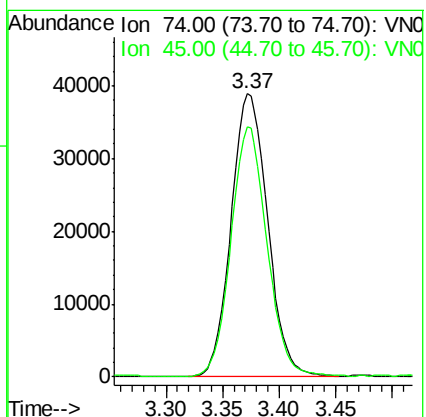
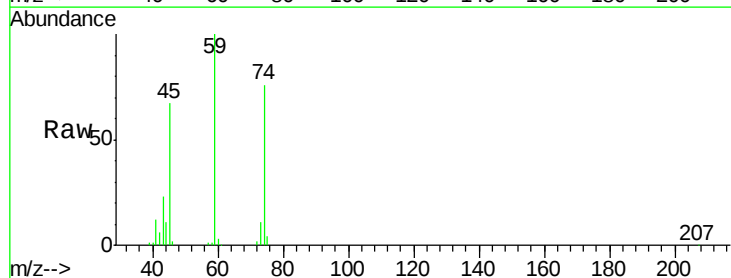
Tgt Ion:101 Resp: 225883
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

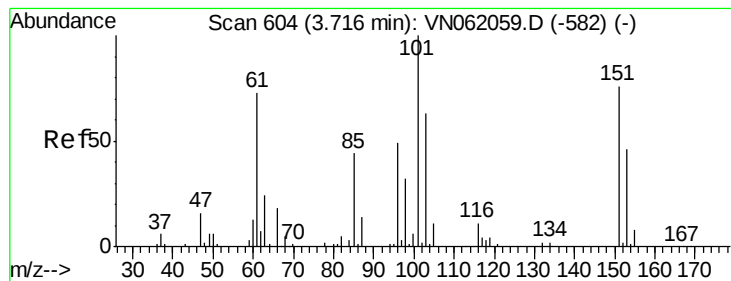


#8

Diethyl Ether
Concen: 51.527 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 74 Resp: 87472
Ion Ratio Lower Upper
74 100
45 87.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.884 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

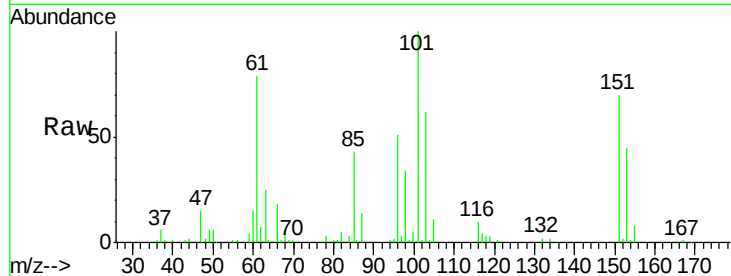
Tgt Ion:101 Resp: 124452

Ion Ratio Lower Upper

101 100

85 43.3 34.5 51.7

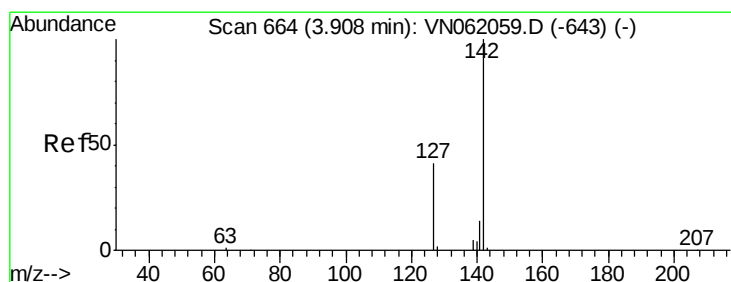
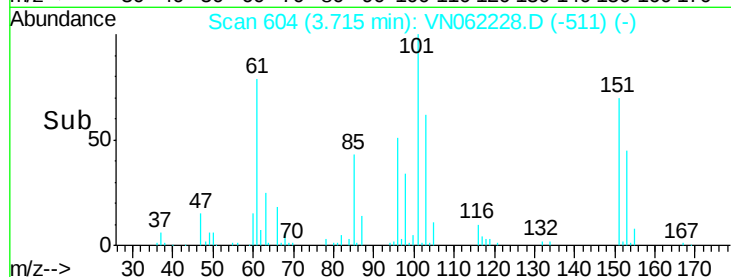
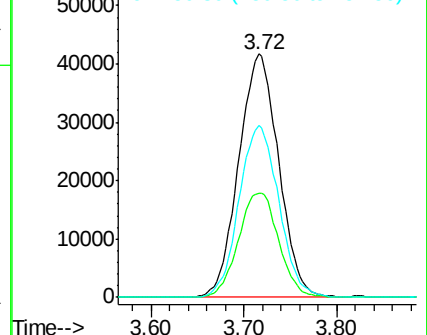
151 70.4 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.080 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

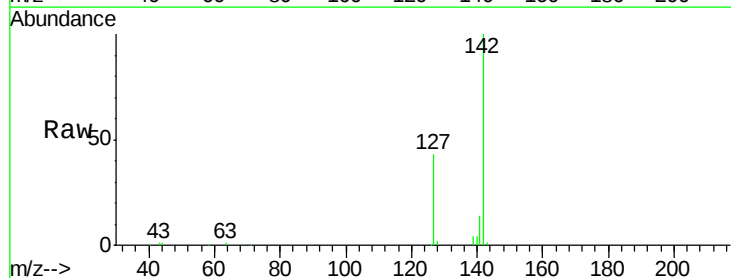
Tgt Ion:142 Resp: 157922

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

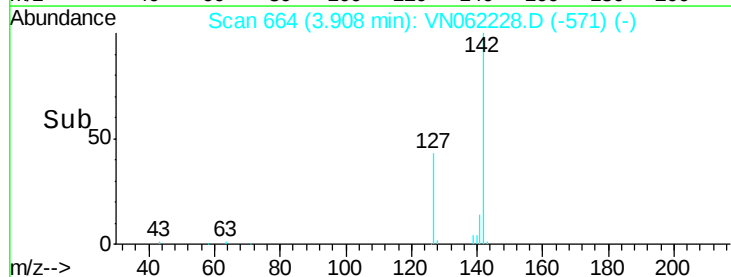
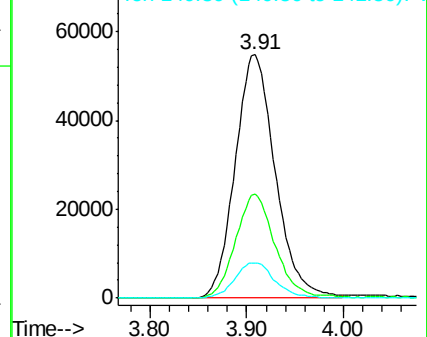
141 14.6 11.3 16.9

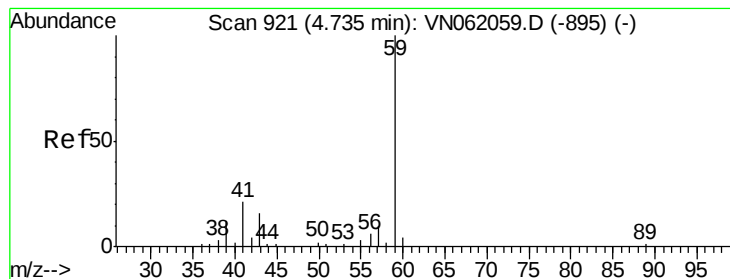


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



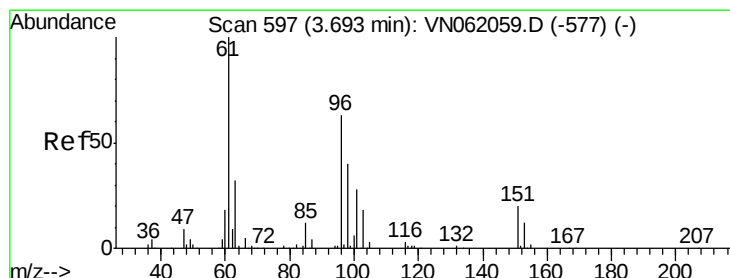
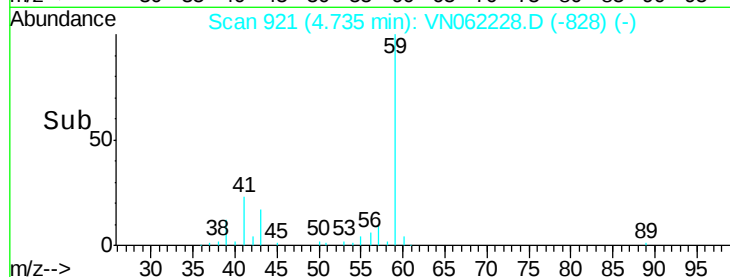
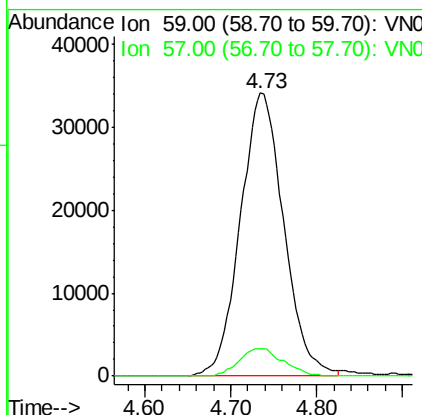
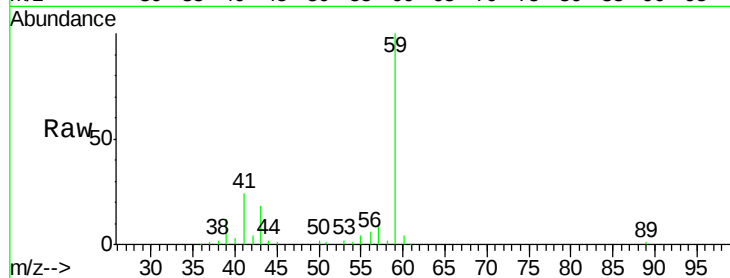


#11

Tert butyl alcohol
 Concen: 268.461 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

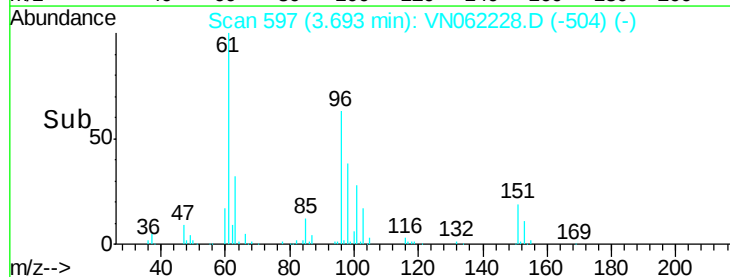
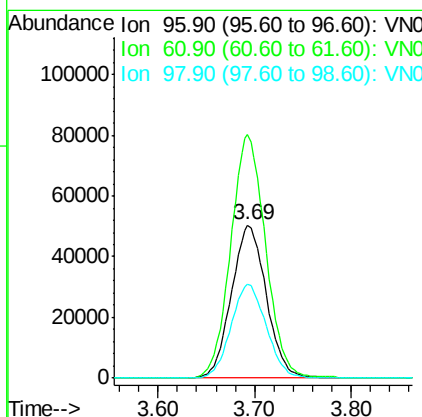
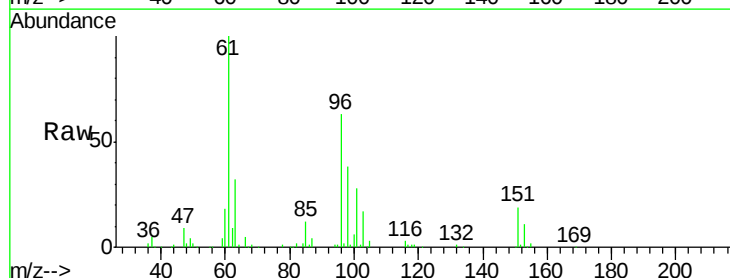
Tgt Ion: 59 Resp: 119893
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

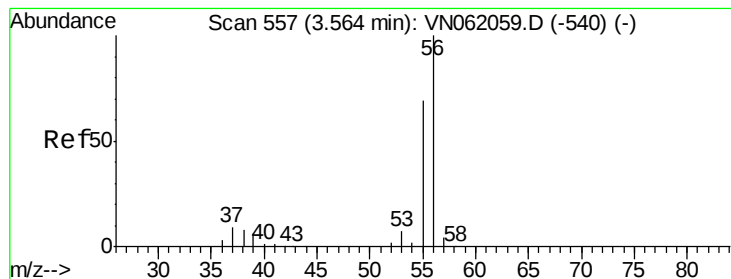


#12

1,1-Dichloroethene
 Concen: 49.595 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion: 96 Resp: 126221
 Ion Ratio Lower Upper
 96 100
 61 159.1 126.7 190.1
 98 61.0 51.0 76.4





#13

Acrolein

Concen: 289.105 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

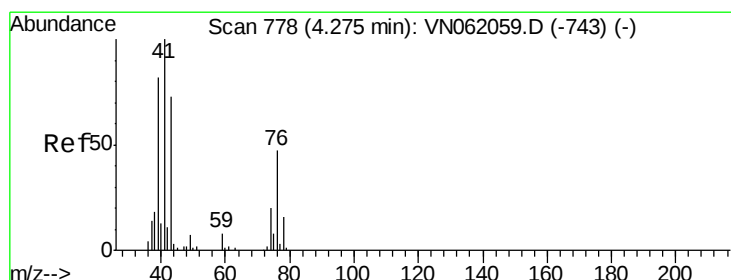
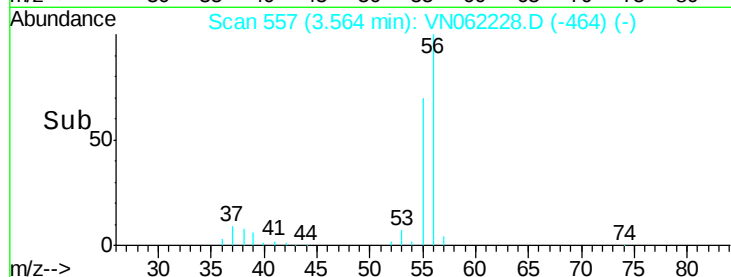
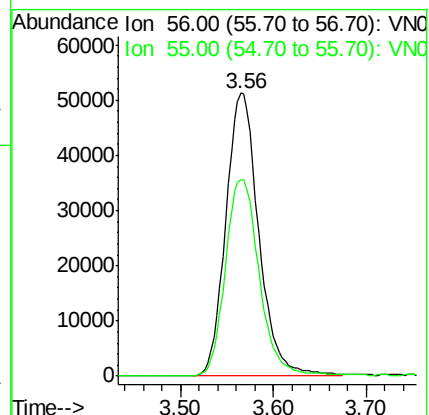
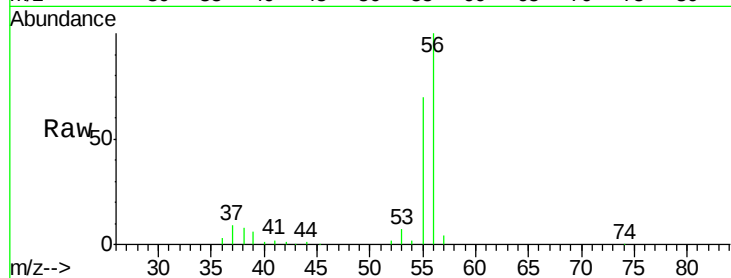
VSTDCCC050EC

Tgt Ion: 56 Resp: 126409

Ion Ratio Lower Upper

56 100

55 72.0 55.5 83.3



#14

Allyl chloride

Concen: 51.493 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

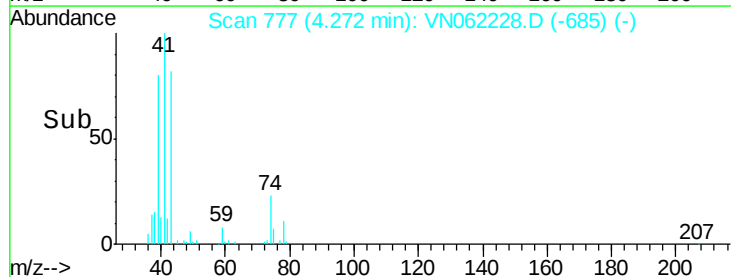
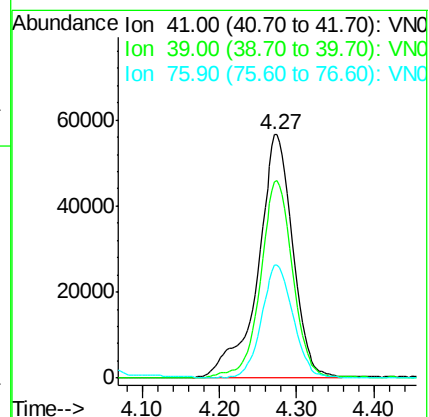
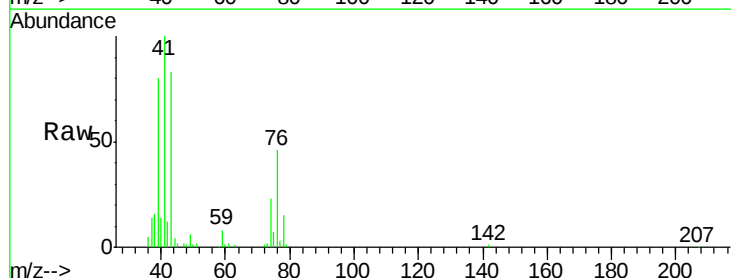
Tgt Ion: 41 Resp: 178426

Ion Ratio Lower Upper

41 100

39 74.4 60.0 90.0

76 41.1 34.1 51.1

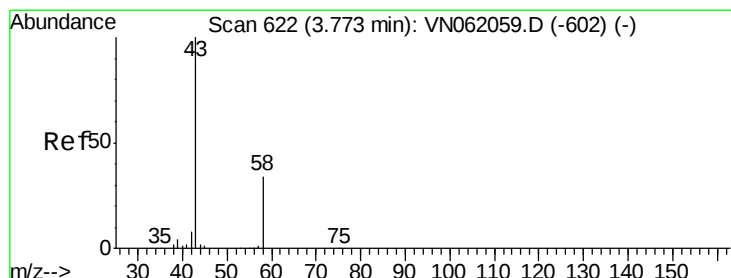
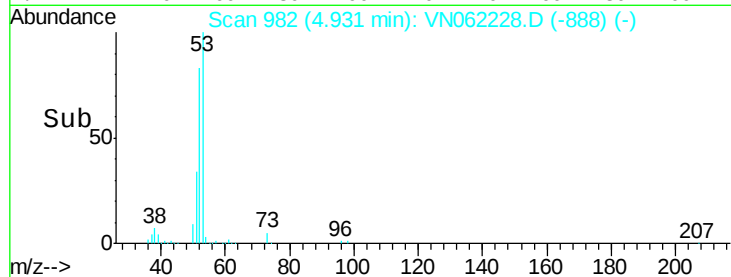
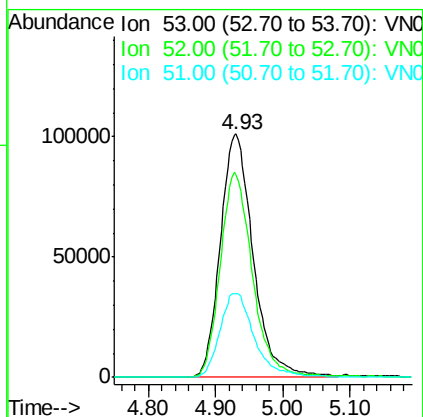
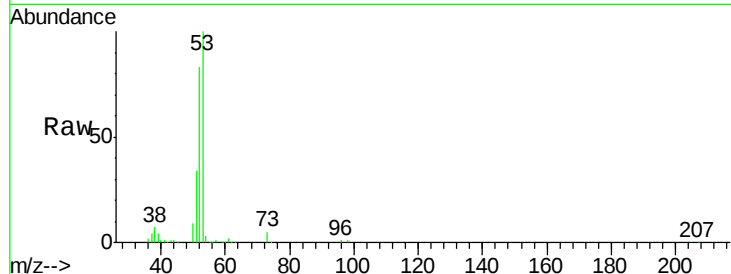




#15
 Acrylonitrile
 Concen: 282.818 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

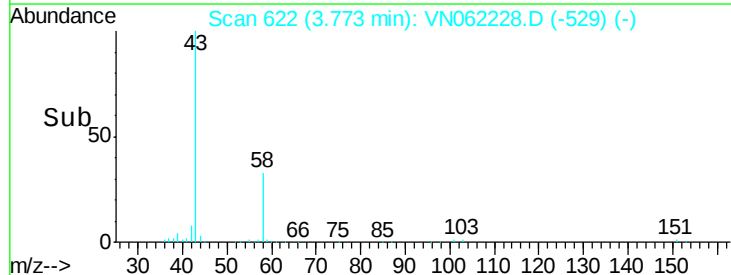
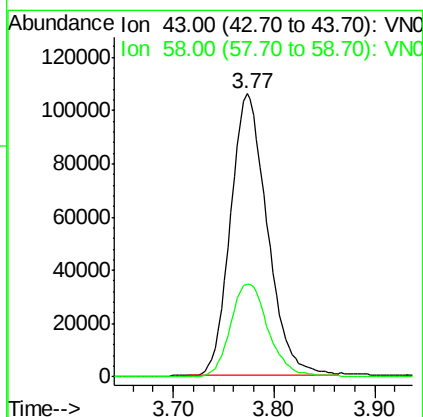
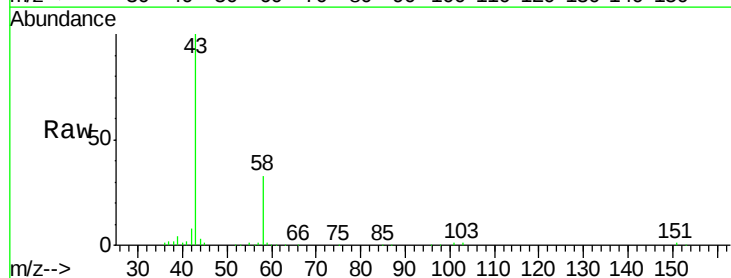
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

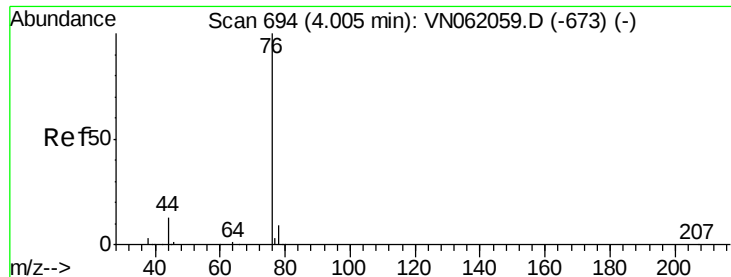
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.4
51	36.2	28.9	43.3



#16
 Acetone
 Concen: 275.678 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.5	41.3





#17

Carbon Disulfide

Concen: 48.201 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

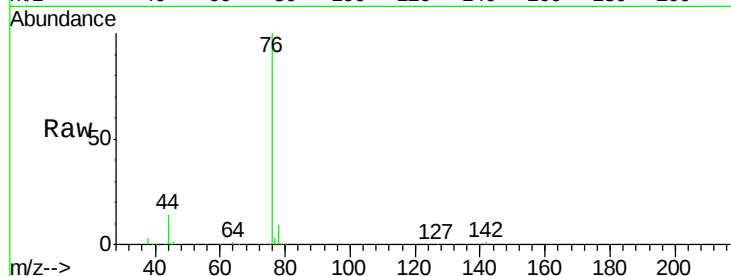
VSTDCCC050EC

Tgt Ion: 76 Resp: 351359

Ion Ratio Lower Upper

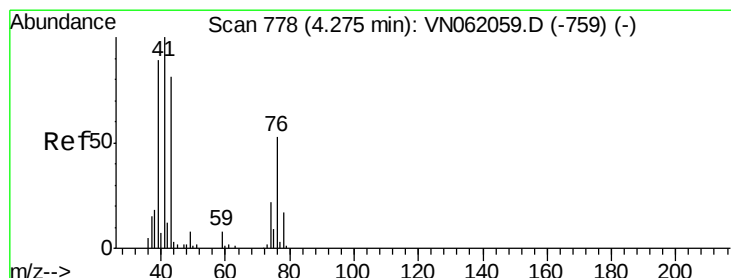
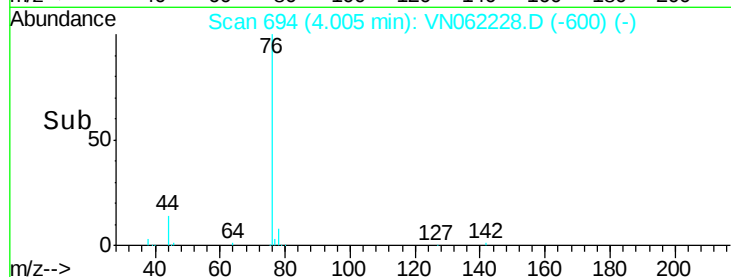
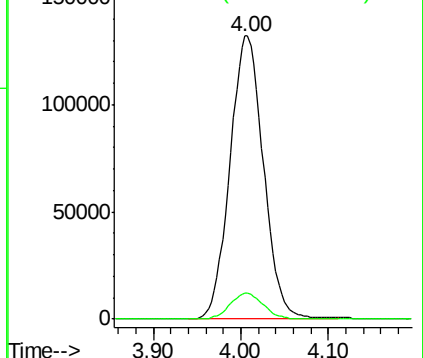
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062228.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062228.D (-600) (-)



#18

Methyl Acetate

Concen: 57.067 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062228.D

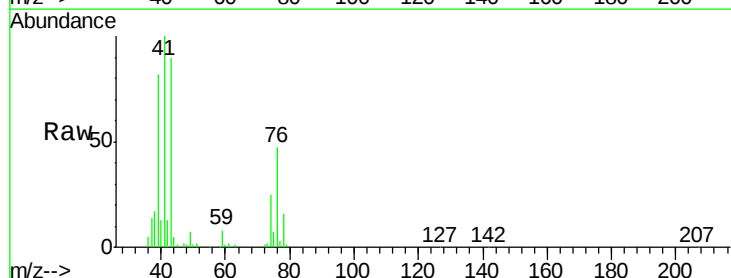
Acq: 30 Jun 2020 8:37

Tgt Ion: 43 Resp: 141105

Ion Ratio Lower Upper

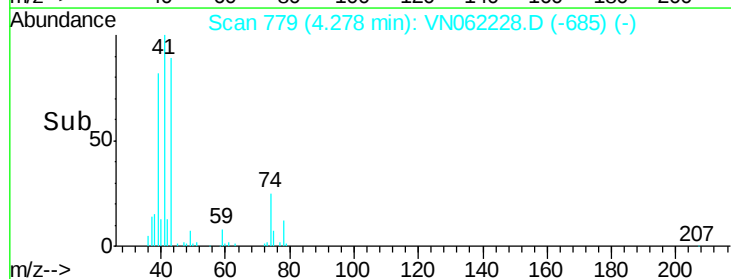
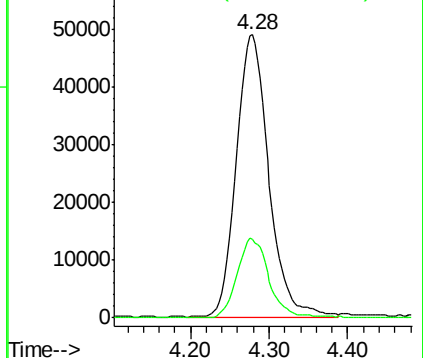
43 100

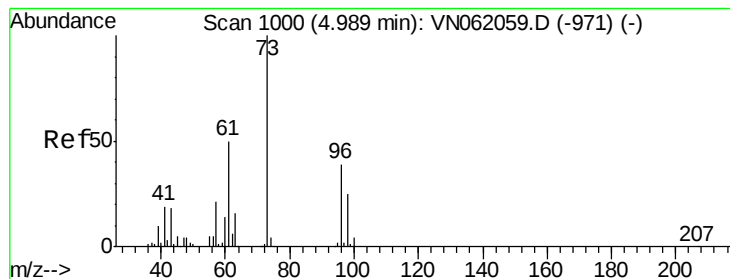
74 27.7 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062228.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062228.D (-685) (-)





#19

Methyl tert-butyl Ether

Concen: 54.026 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

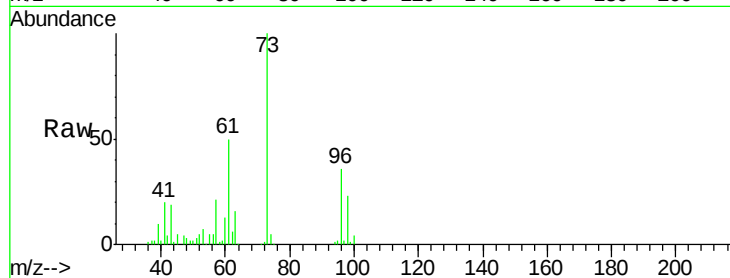
VSTDCCC050EC

Tgt Ion: 73 Resp: 439365

Ion Ratio Lower Upper

73 100

57 21.4 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VN062228.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN062228.D (-907) (-)

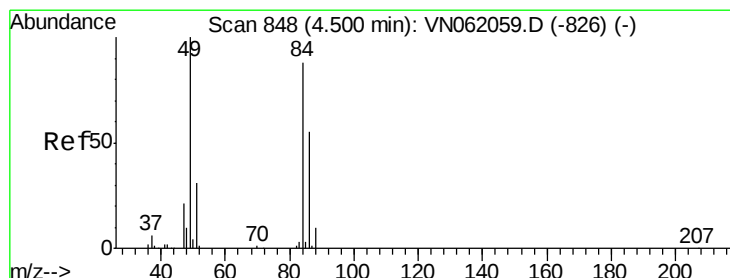
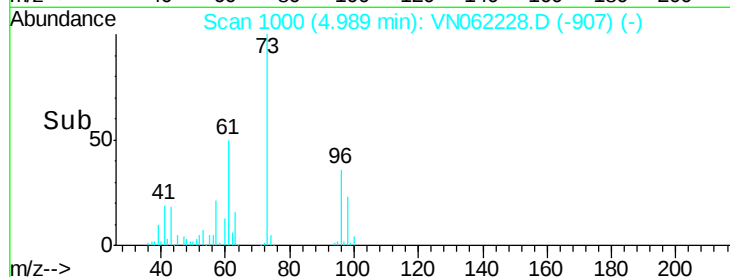
4.99

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 54.184 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Tgt Ion: 84 Resp: 154664

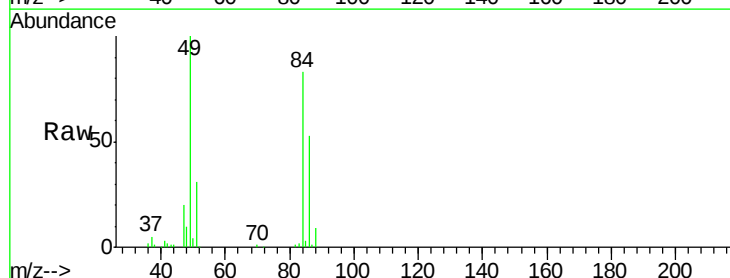
Ion Ratio Lower Upper

84 100

49 121.0 90.6 136.0

51 37.5 27.8 41.8

86 63.7 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062228.D (-755) (-)

Ion 48.90 (48.60 to 49.60): VN062228.D (-755) (-)

Ion 50.90 (50.60 to 51.60): VN062228.D (-755) (-)

Ion 85.90 (85.60 to 86.60): VN062228.D (-755) (-)

4.50

80000

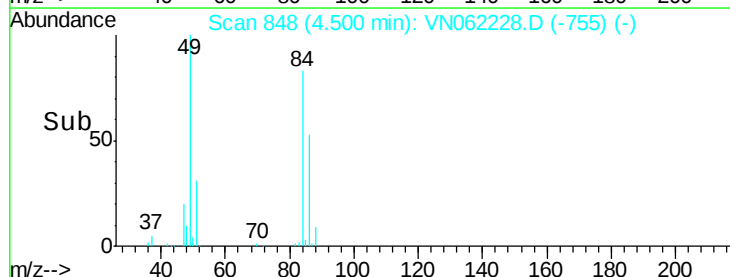
60000

40000

20000

0

Time--> 4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 48.742 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

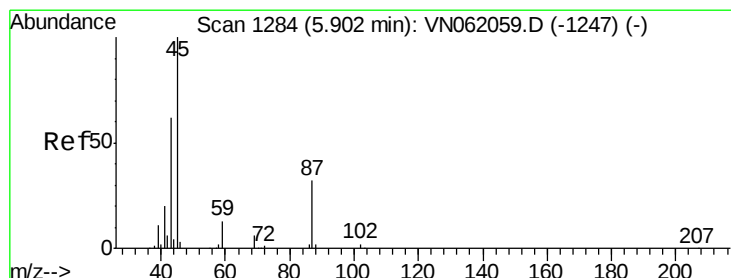
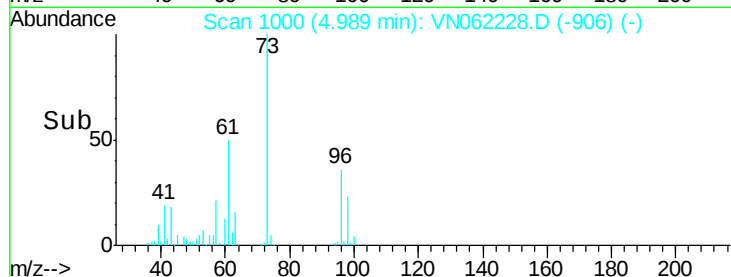
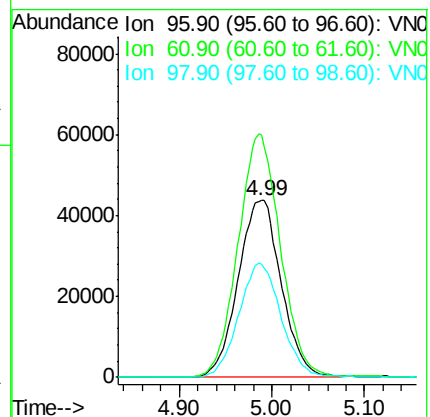
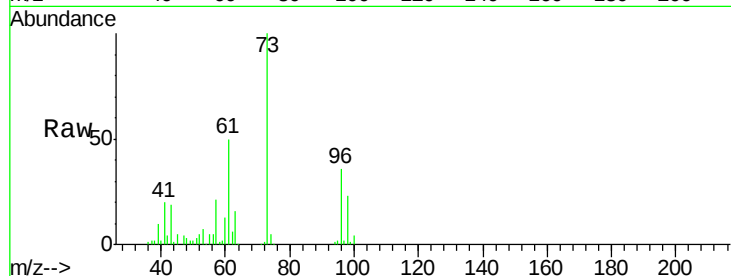
Tgt Ion: 96 Resp: 141320

Ion Ratio Lower Upper

96 100

61 136.4 101.4 152.2

98 63.7 49.3 73.9



#22

Diisopropyl ether

Concen: 54.943 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Tgt Ion: 45 Resp: 433478

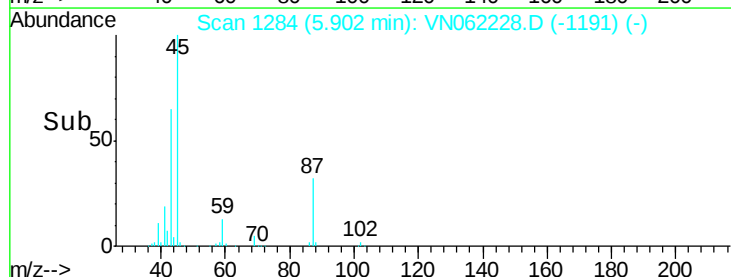
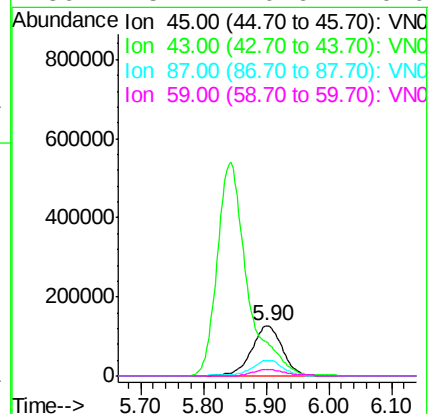
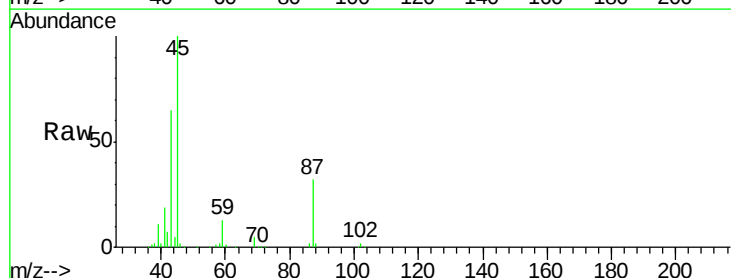
Ion Ratio Lower Upper

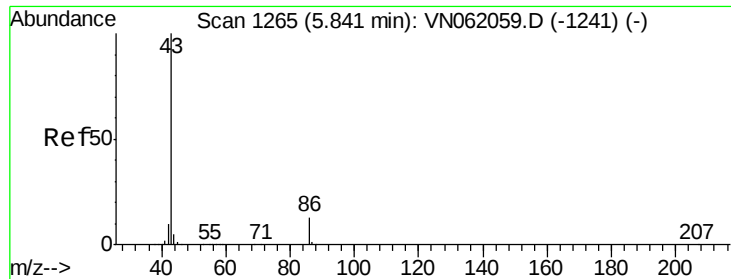
45 100

43 64.3 49.7 74.5

87 31.7 25.9 38.9

59 13.4 10.6 16.0





#23

Vinyl Acetate

Concen: 279.726 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

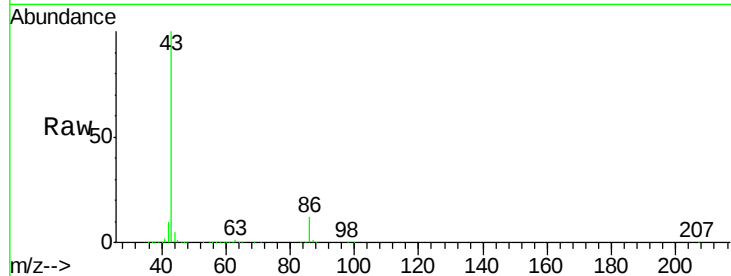
VSTDCCC050EC

Tgt Ion: 43 Resp: 1801832

Ion Ratio Lower Upper

43 100

86 11.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062228.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062228.D (-1172) (-)

5.84

600000

500000

400000

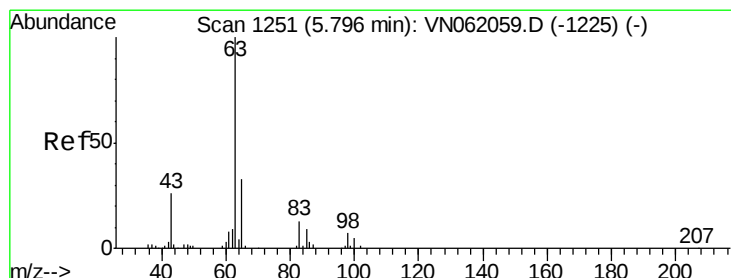
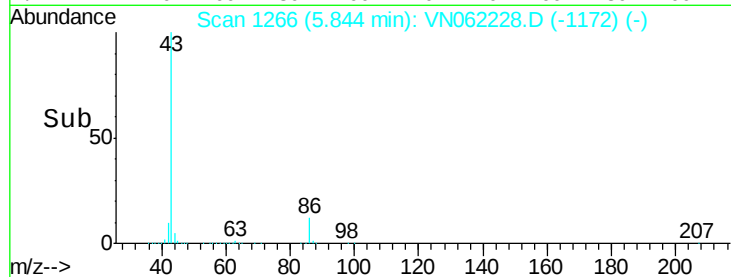
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.713 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

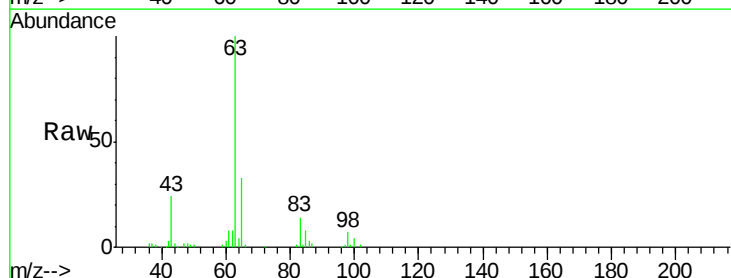
Tgt Ion: 63 Resp: 267807

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062228.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062228.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062228.D (-1158) (-)

5.80

100000

80000

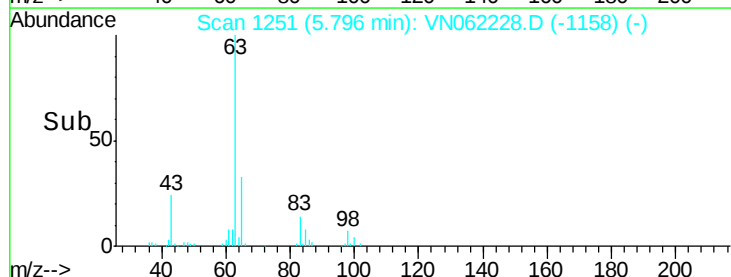
60000

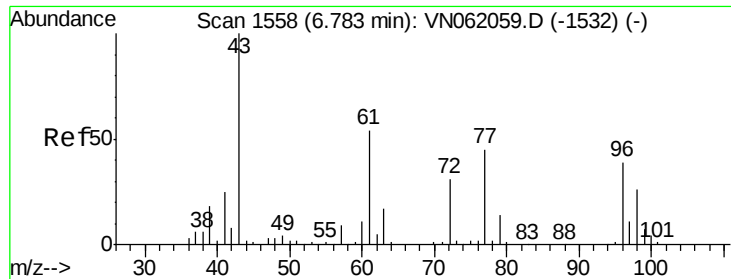
40000

20000

0

Time-->





#25

2-Butanone

Concen: 281.447 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

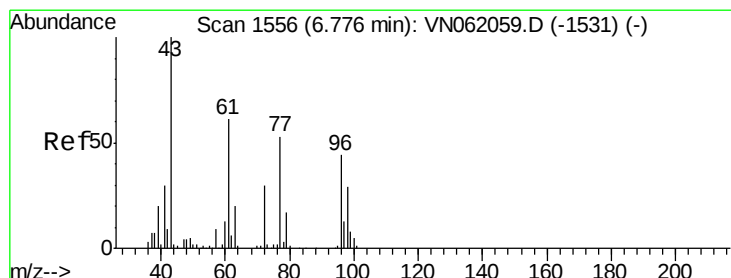
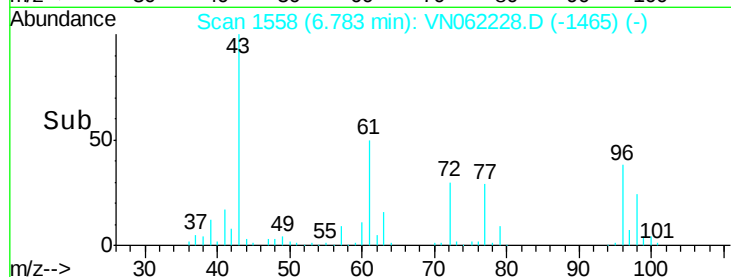
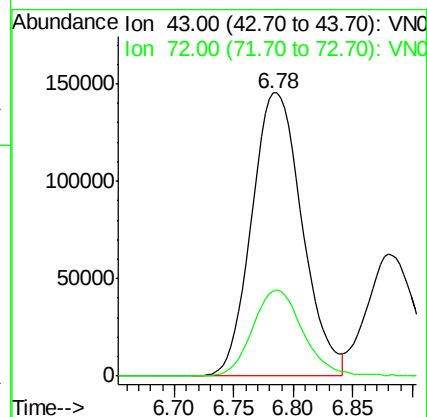
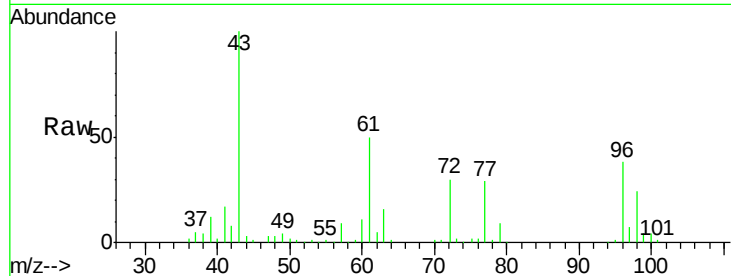
VSTDCCC050EC

Tgt Ion: 43 Resp: 427900

Ion Ratio Lower Upper

43 100

72 29.9 24.8 37.2



#26

2,2-Dichloropropane

Concen: 33.103 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062228.D

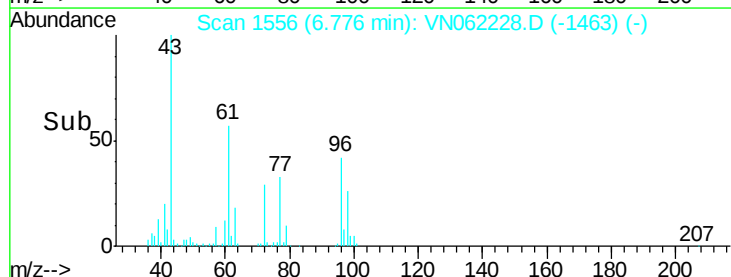
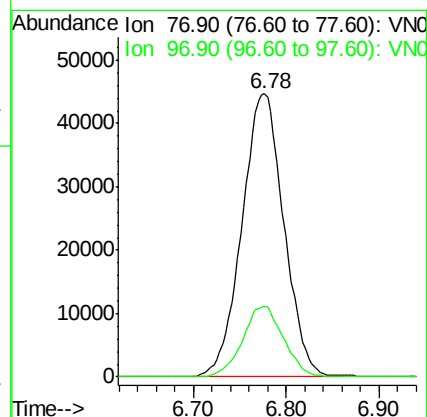
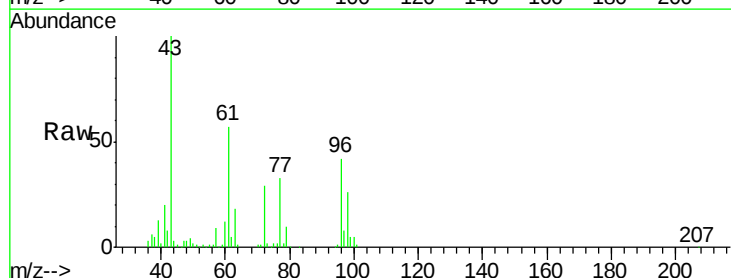
Acq: 30 Jun 2020 8:37

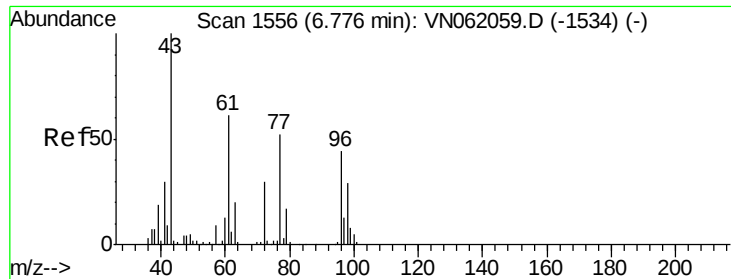
Tgt Ion: 77 Resp: 140146

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.562 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

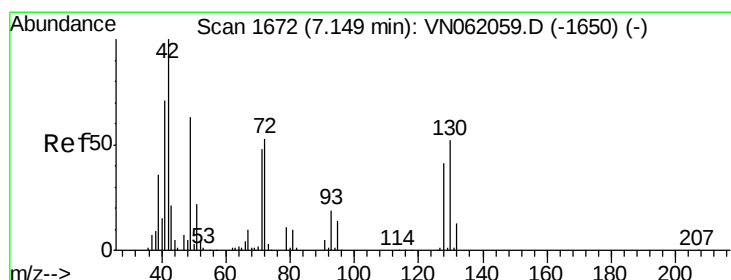
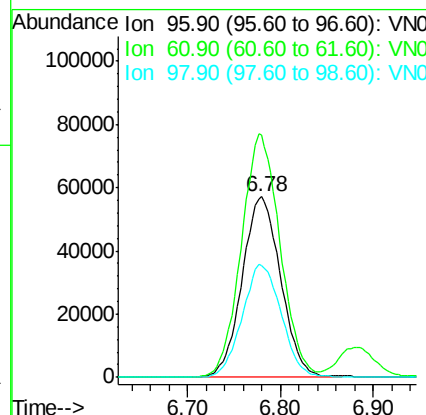
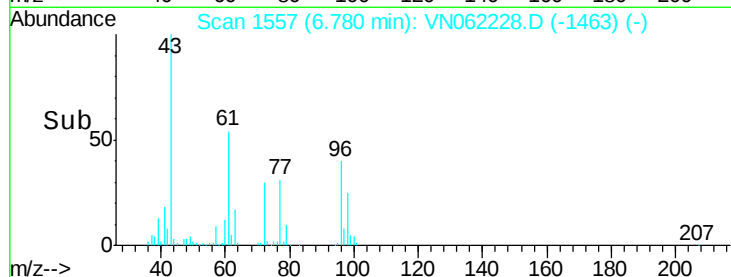
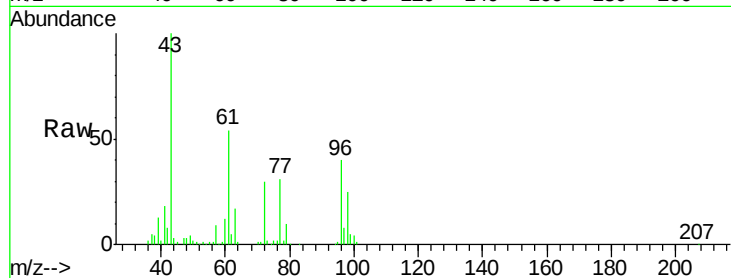
Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 164957

Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	280.4
98	63.3	0.0	129.4



#28

Bromochloromethane

Concen: 53.075 ug/l

RT: 7.15 min Scan# 1671

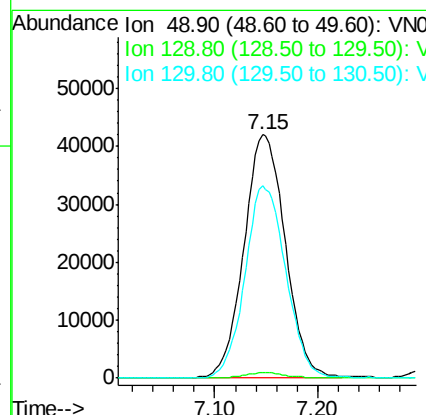
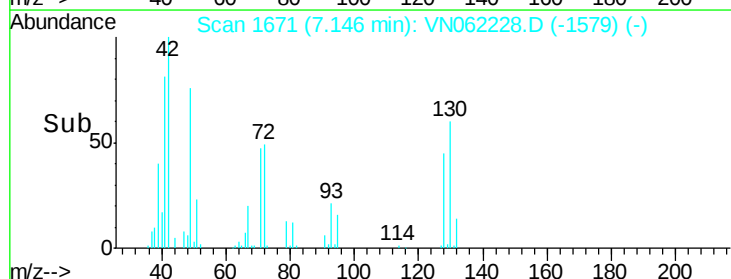
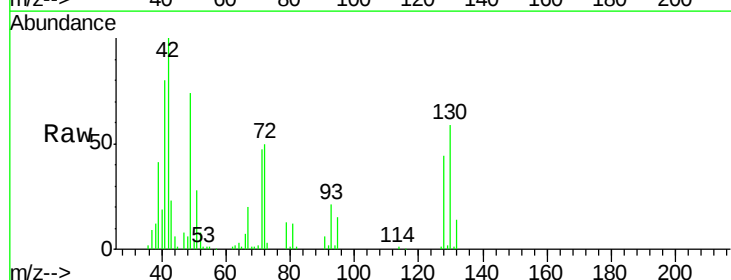
Delta R.T. -0.00 min

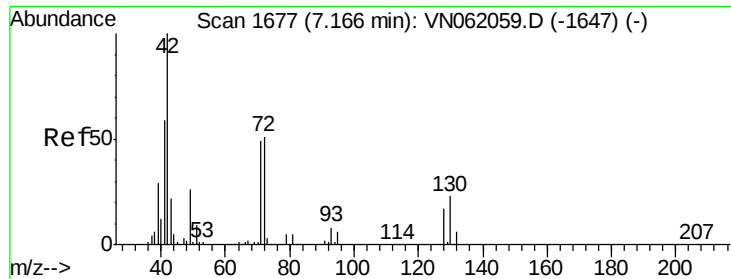
Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Tgt Ion: 49 Resp: 116994

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	78.1	65.5	98.3

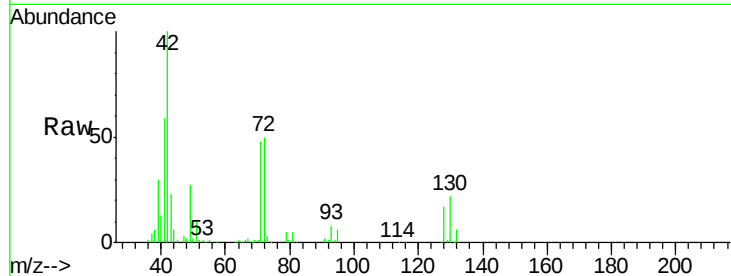




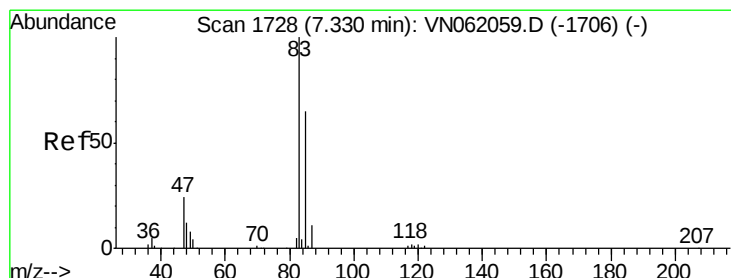
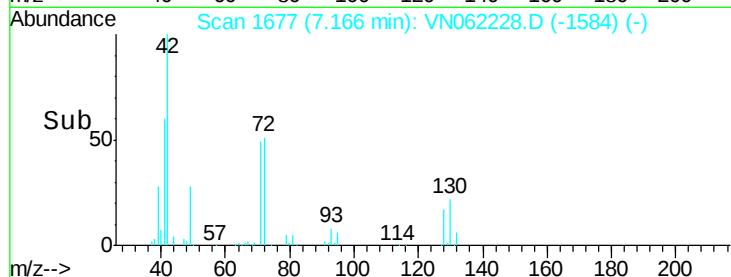
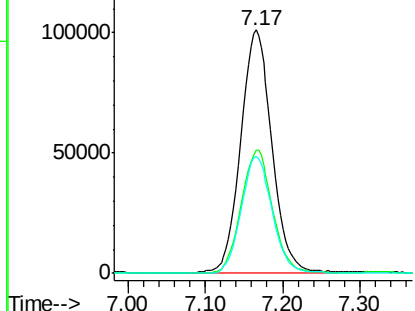
#29
Tetrahydrofuran
Concen: 286.770 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 285596
Ion Ratio Lower Upper
42 100
72 50.5 41.1 61.7
71 47.3 38.2 57.4

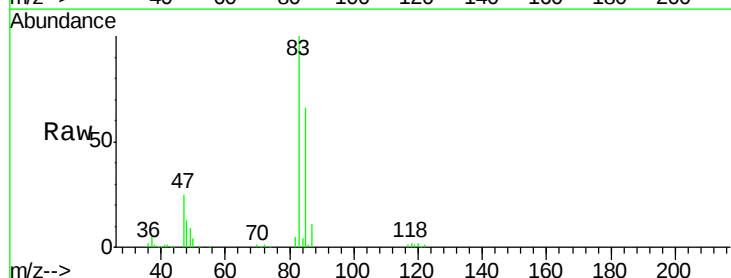


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

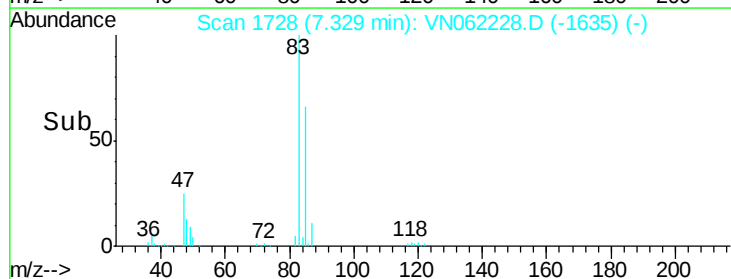
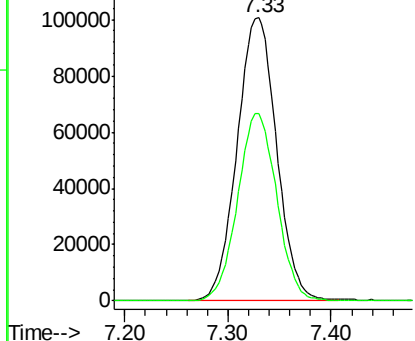


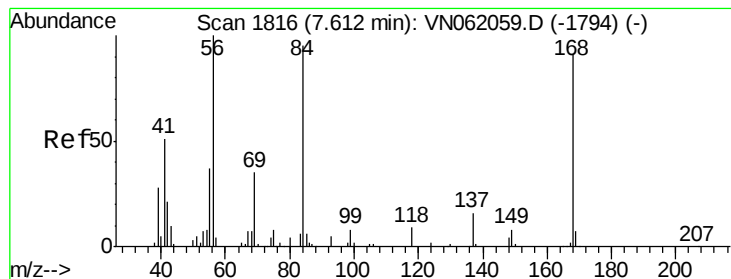
#30
Chloroform
Concen: 51.917 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 83 Resp: 268358
Ion Ratio Lower Upper
83 100
85 66.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.376 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

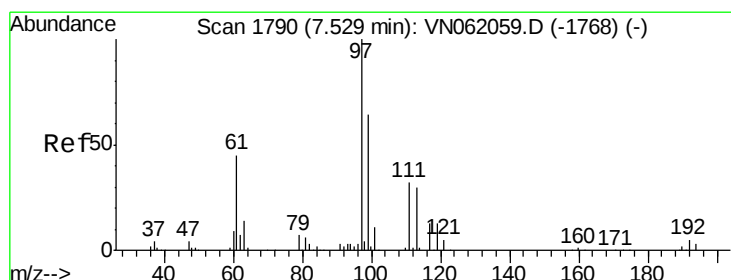
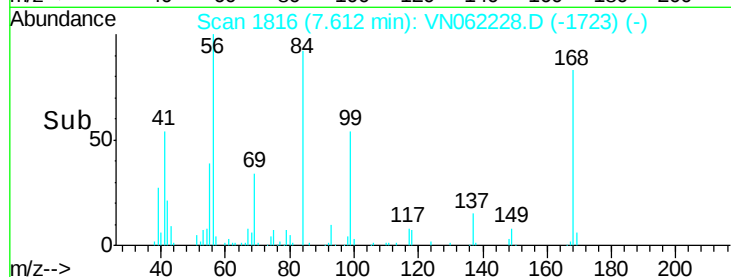
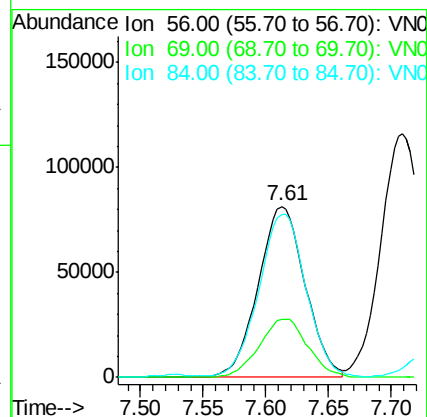
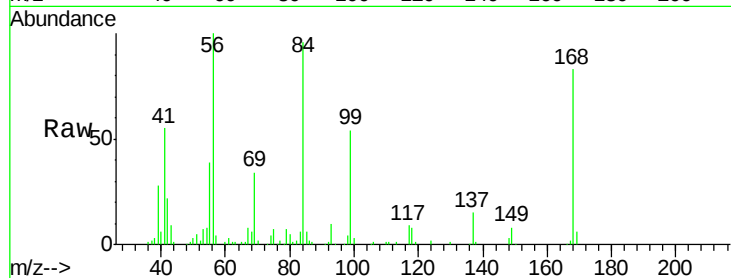
Tgt Ion: 56 Resp: 212190

Ion Ratio Lower Upper

56 100

69 34.0 28.0 42.0

84 94.5 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 51.071 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

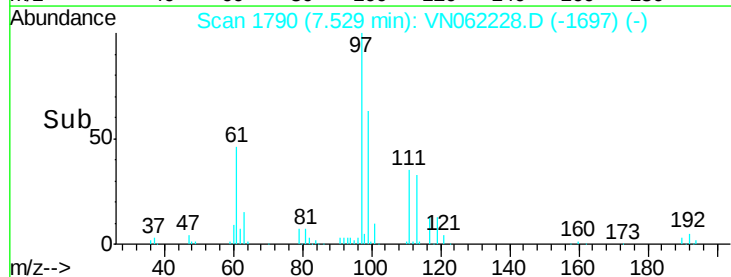
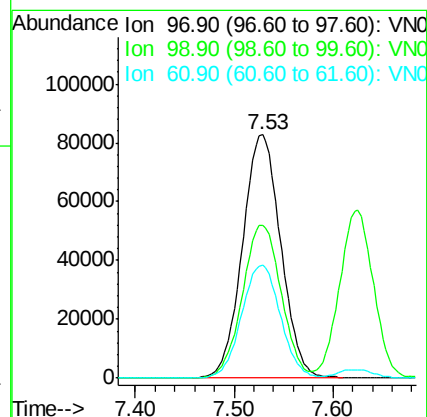
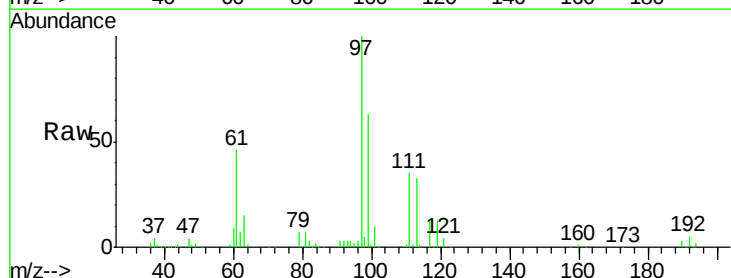
Tgt Ion: 97 Resp: 222626

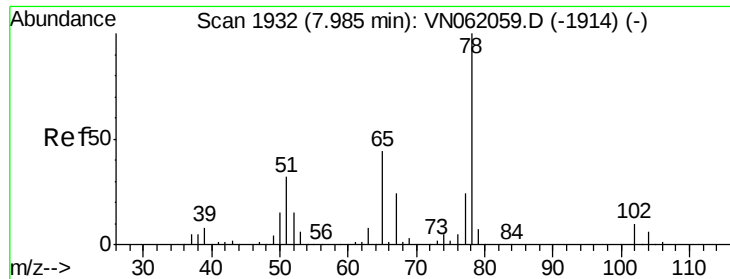
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 47.1 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 55.526 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

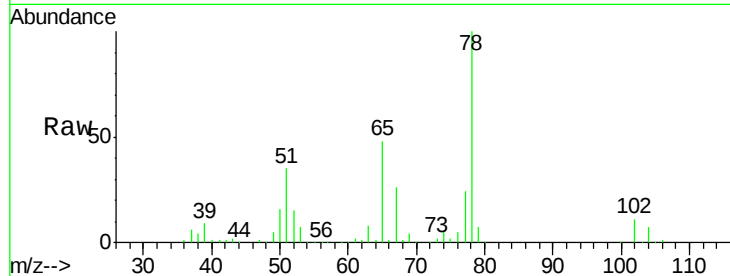
VSTDCCC050EC

Tgt Ion: 65 Resp: 172713

Ion Ratio Lower Upper

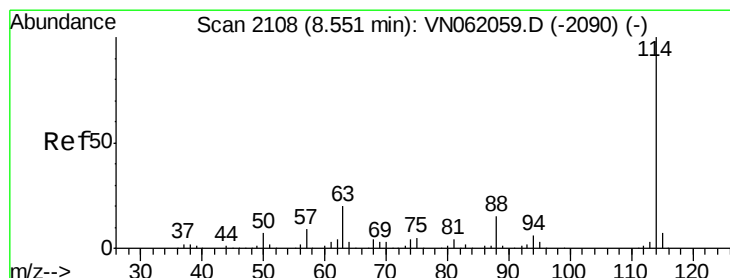
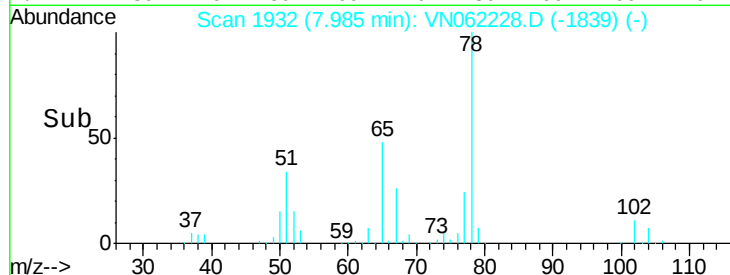
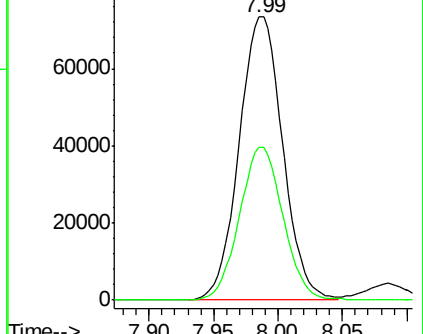
65 100

67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062228.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062228.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

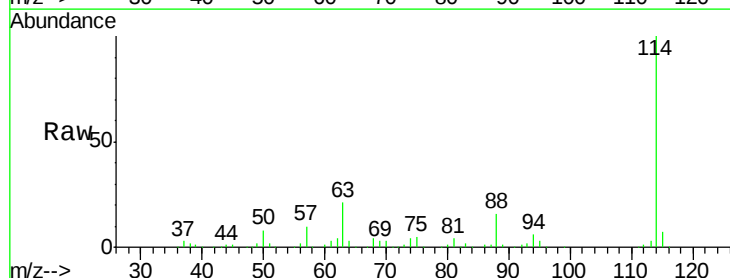
Tgt Ion: 114 Resp: 412537

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

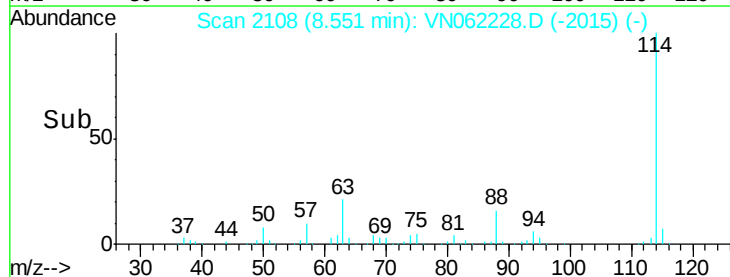
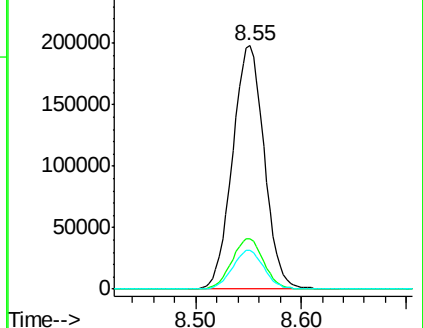
88 16.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062228.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062228.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062228.D (-2015) (-)

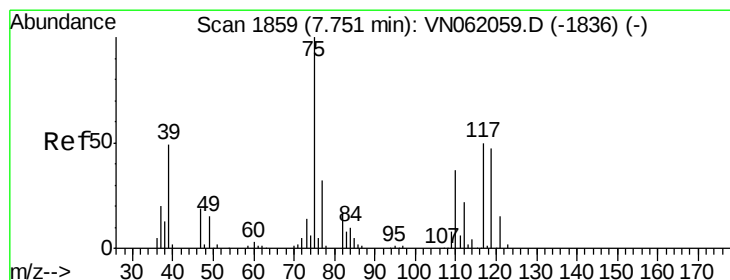
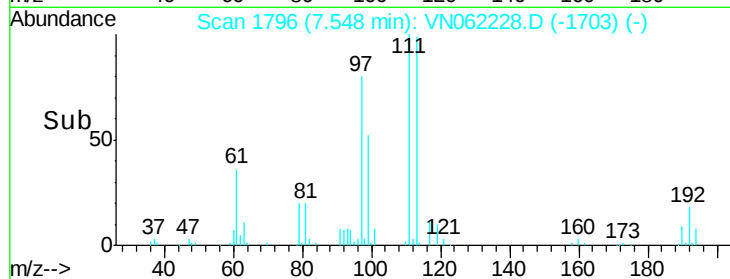
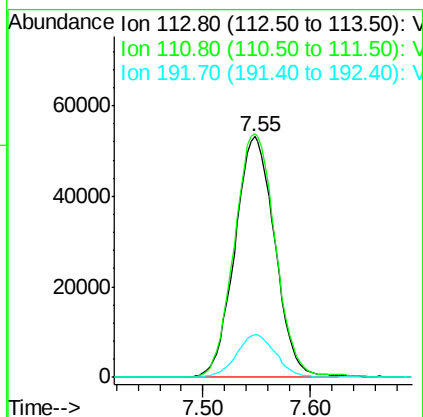
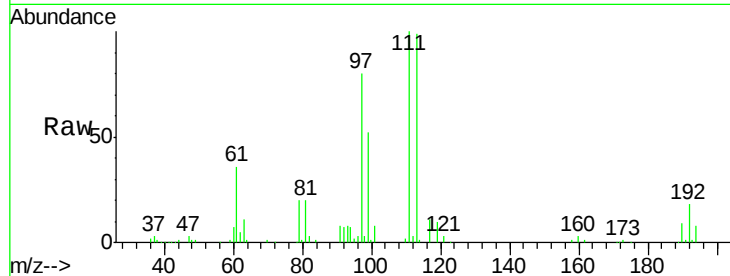




#35
 Dibromofluoromethane
 Concen: 51.631 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

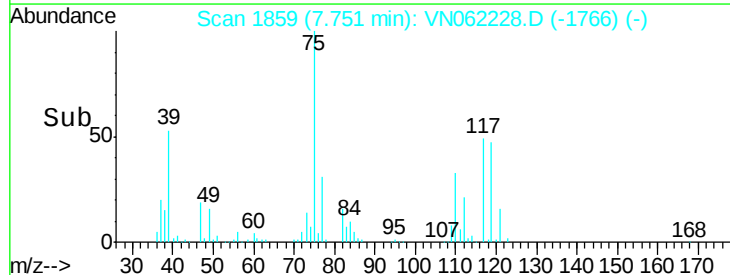
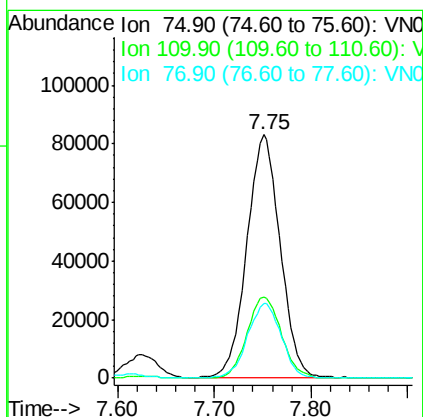
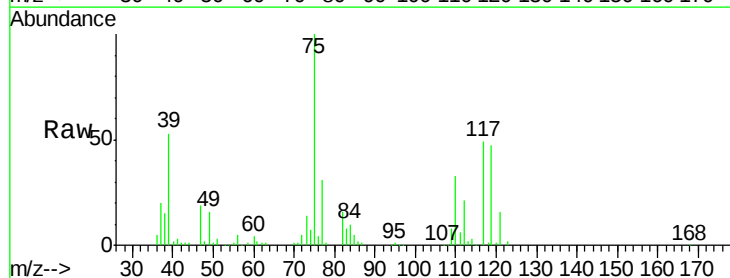
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 136649
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 17.2 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 47.758 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion: 75 Resp: 198033
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.9 53.8
 77 31.3 24.9 37.3

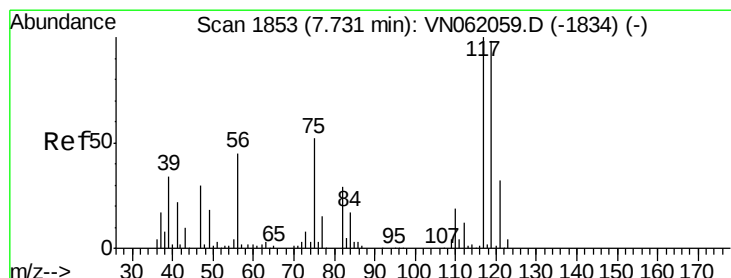
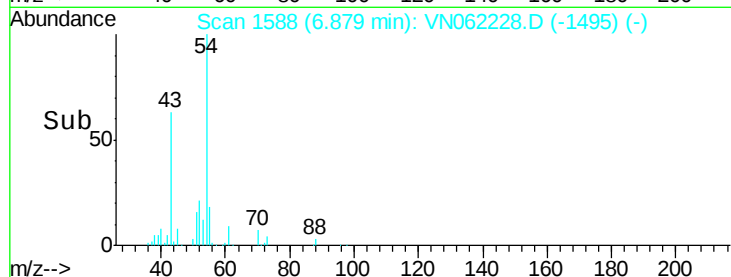
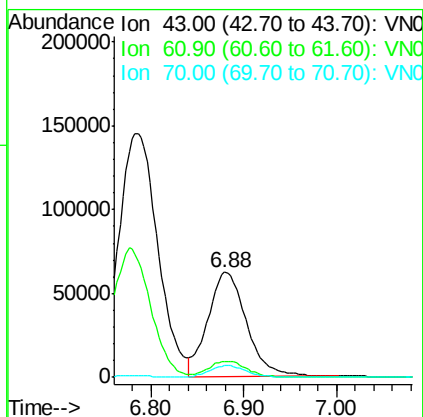
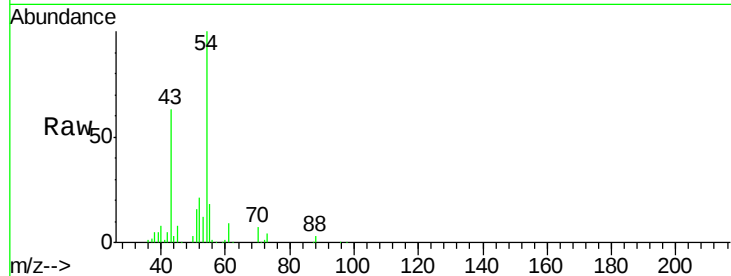




#37
Ethyl Acetate
Concen: 52.621 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

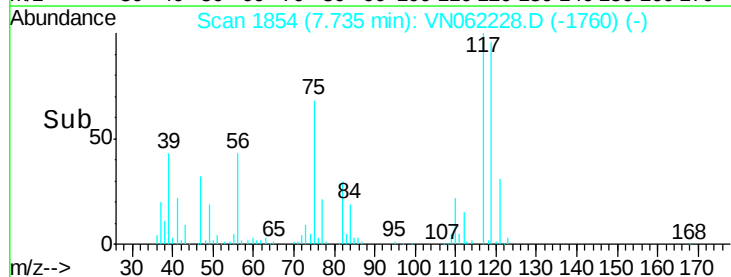
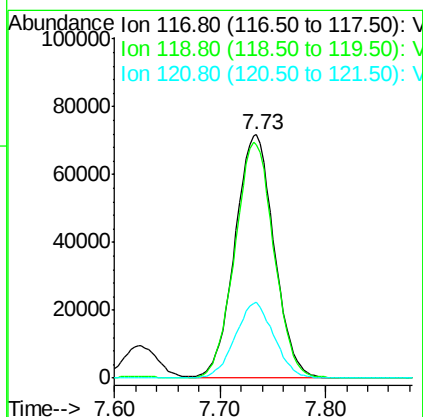
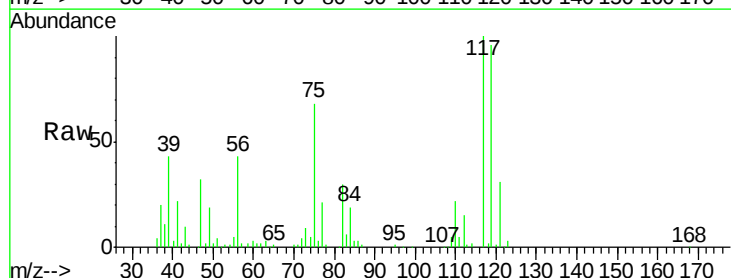
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

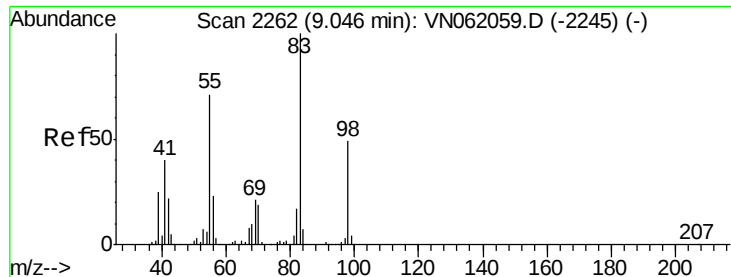
Tgt Ion: 43 Resp: 180681
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 10.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.047 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 117 Resp: 183925
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 31.1 25.8 38.6

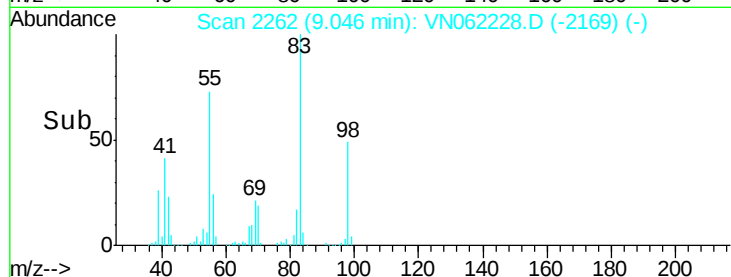
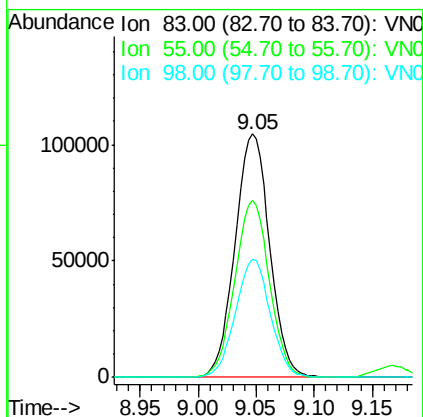
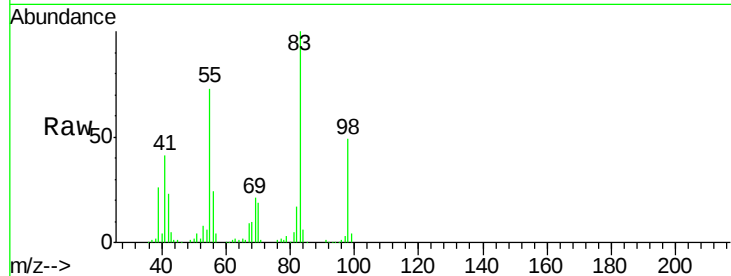




#39
Methylcyclohexane
Concen: 47.876 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

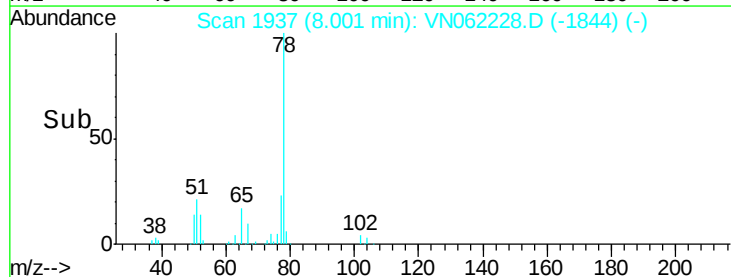
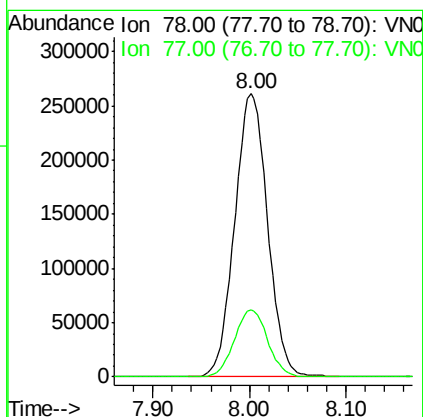
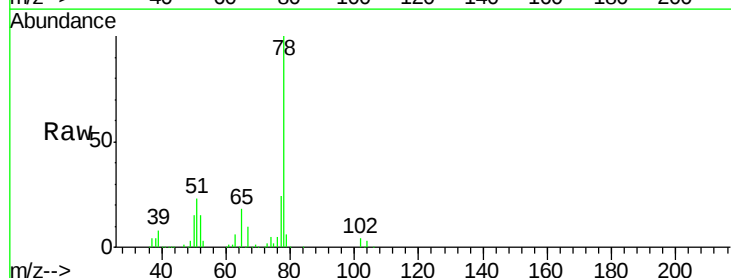
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

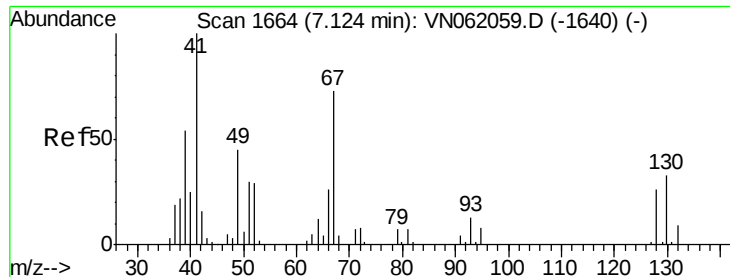
Tgt Ion: 83 Resp: 217519
Ion Ratio Lower Upper
83 100
55 72.6 57.0 85.6
98 48.8 39.0 58.6



#40
Benzene
Concen: 48.916 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 78 Resp: 618235
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3





#41

Methacrylonitrile

Concen: 45.499 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 72427

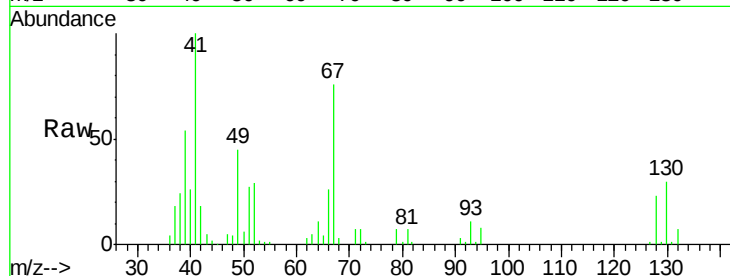
Ion Ratio Lower Upper

41 100

39 55.7 44.2 66.2

67 110.7 79.5 119.3

52 44.2 32.3 48.5

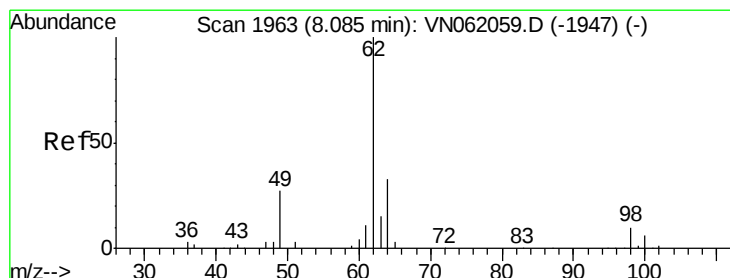
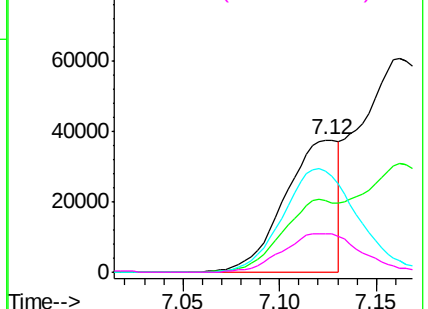
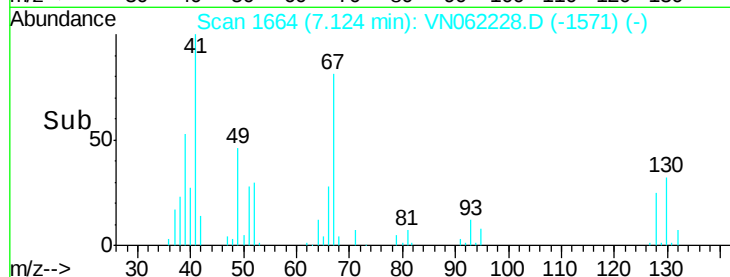


Abundance Ion 41.00 (40.70 to 41.70): VN062228.D (-1571) (-)

Ion 39.00 (38.70 to 39.70): VN062228.D (-1571) (-)

Ion 67.00 (66.70 to 67.70): VN062228.D (-1571) (-)

Ion 52.00 (51.70 to 52.70): VN062228.D (-1571) (-)



#42

1,2-Dichloroethane

Concen: 50.849 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN062228.D

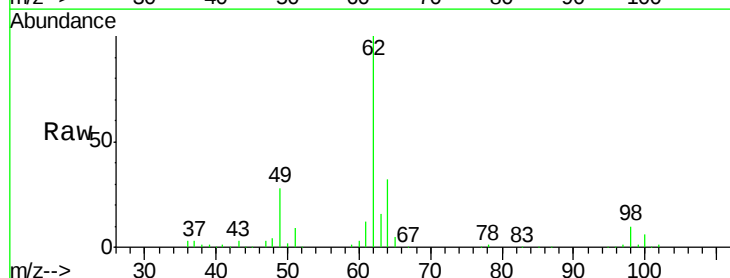
Acq: 30 Jun 2020 8:37

Tgt Ion: 62 Resp: 217133

Ion Ratio Lower Upper

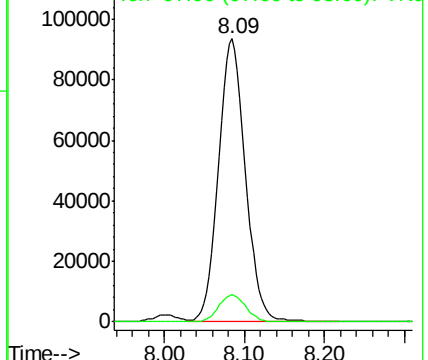
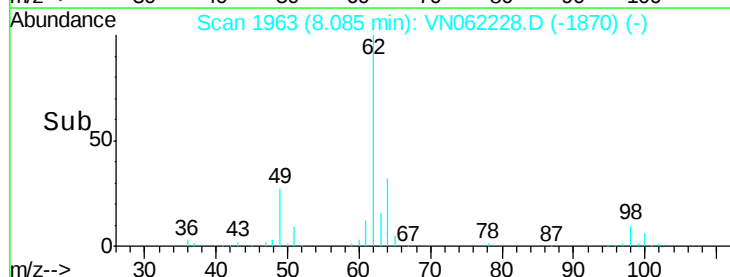
62 100

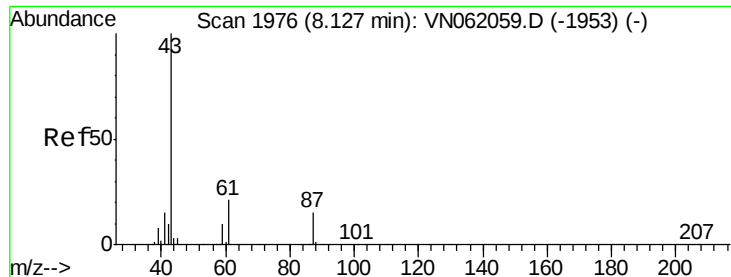
98 9.6 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062228.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN062228.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 53.129 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

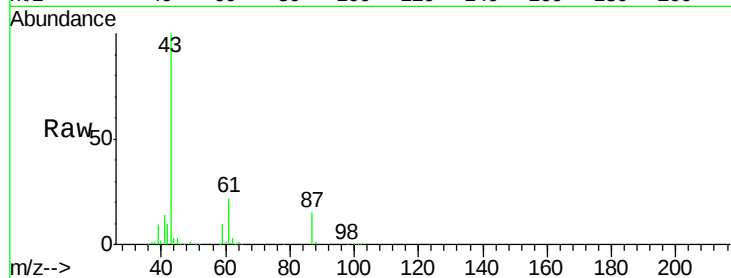
Tgt Ion: 43 Resp: 297382

Ion Ratio Lower Upper

43 100

61 28.8 17.2 25.8#

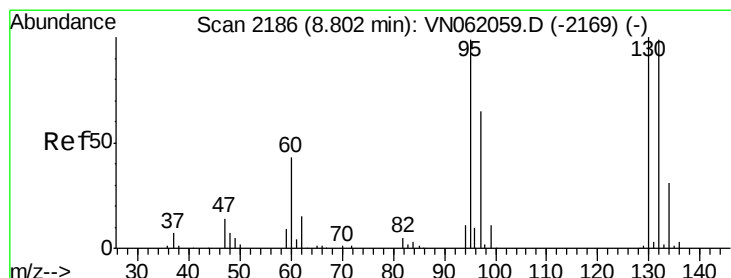
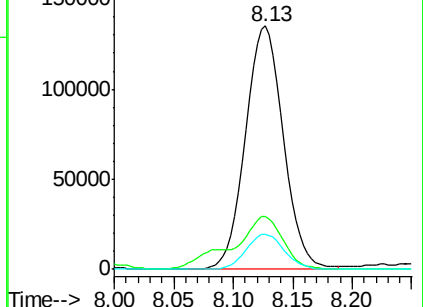
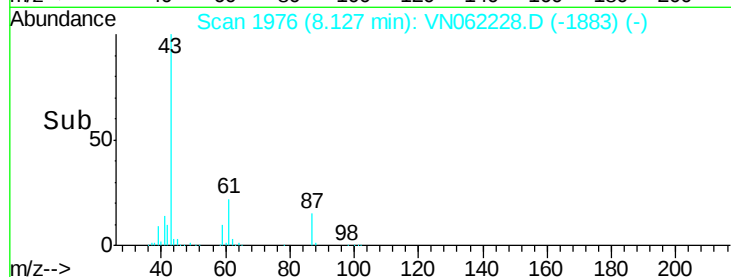
87 14.5 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062228.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062228.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062228.D (-1883) (-)



#44

Trichloroethene

Concen: 46.362 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062228.D

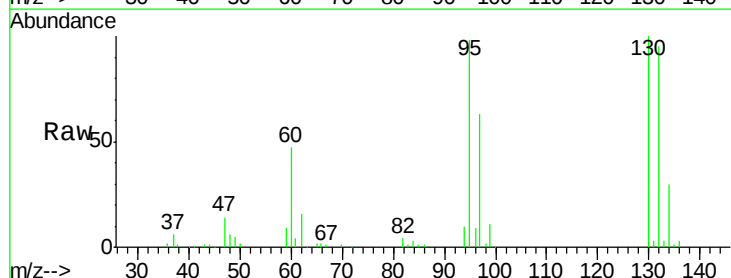
Acq: 30 Jun 2020 8:37

Tgt Ion: 130 Resp: 147810

Ion Ratio Lower Upper

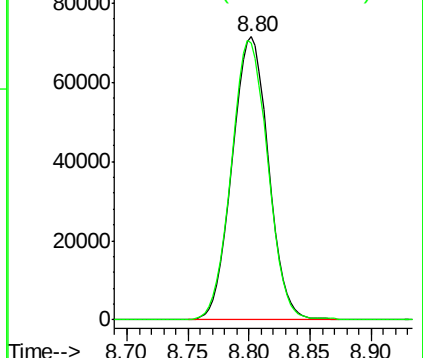
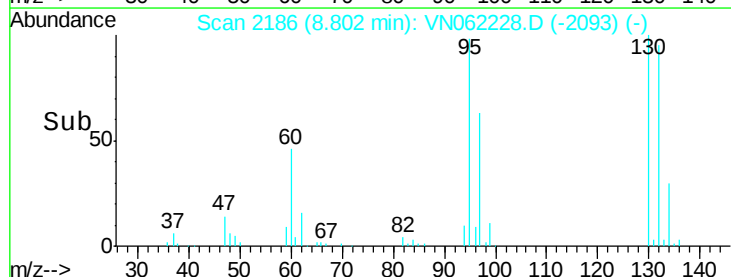
130 100

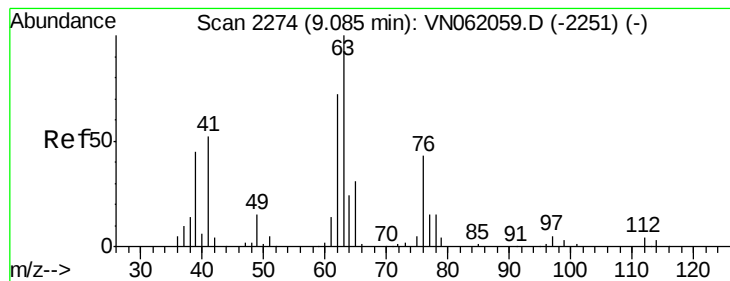
95 97.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062228.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062228.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 51.407 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

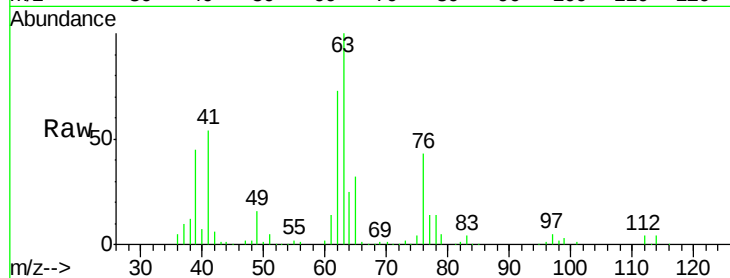
VSTDCCC050EC

Tgt Ion: 63 Resp: 160290

Ion Ratio Lower Upper

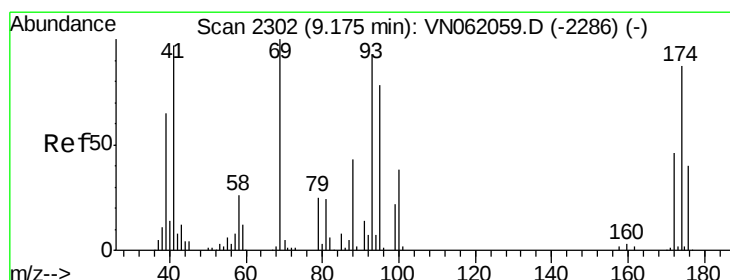
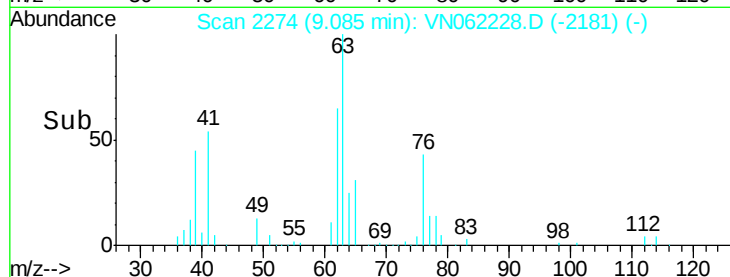
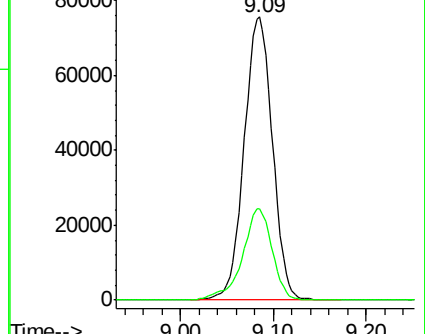
63 100

65 32.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062228.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062228.D (-2181) (-)



#46

Dibromomethane

Concen: 49.682 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

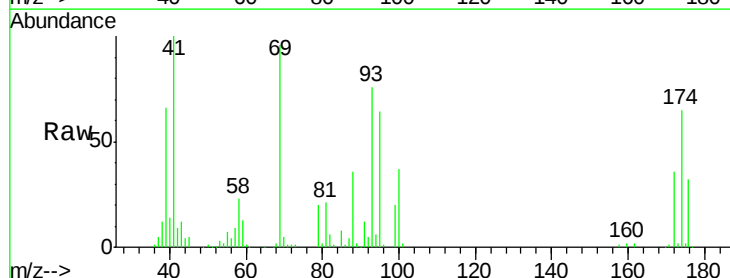
Tgt Ion: 93 Resp: 105029

Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.6

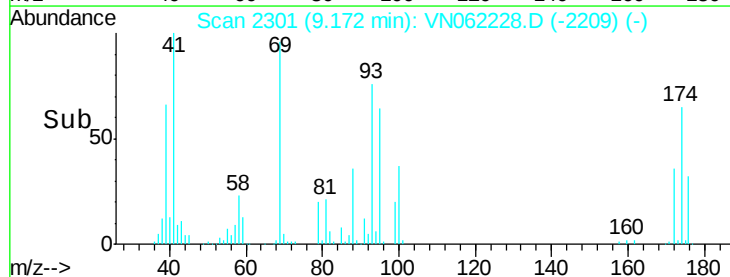
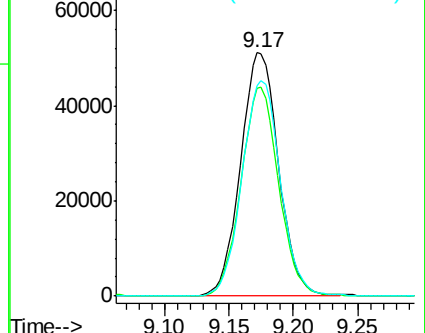
174 89.3 74.4 111.6

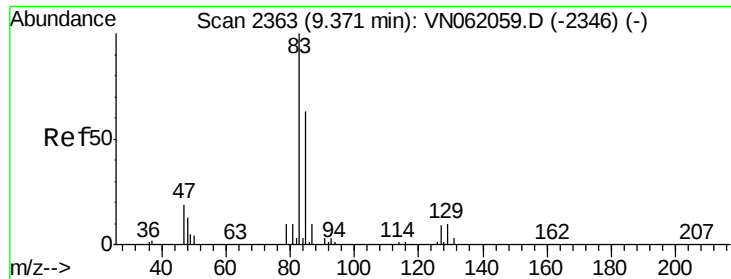


Abundance Ion 92.80 (92.50 to 93.50): VN062228.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062228.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062228.D (-2209) (-)

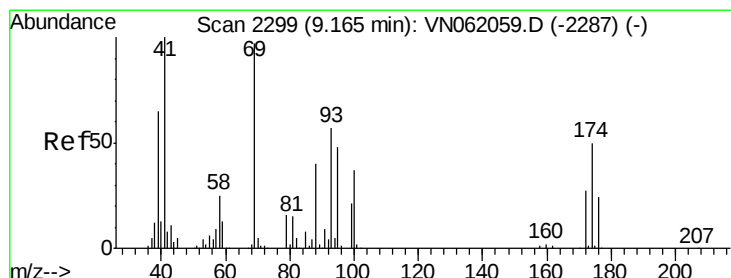
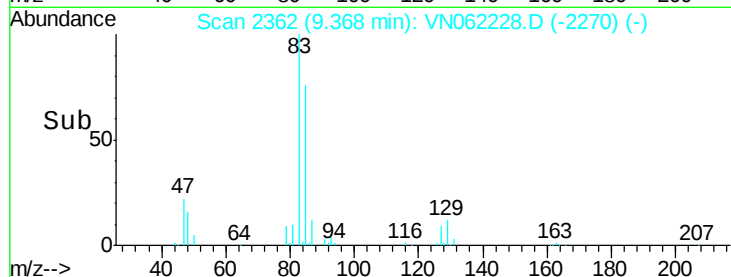
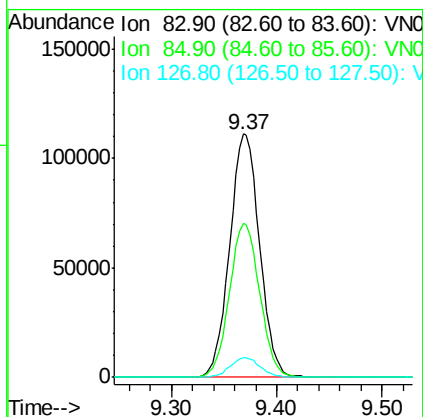
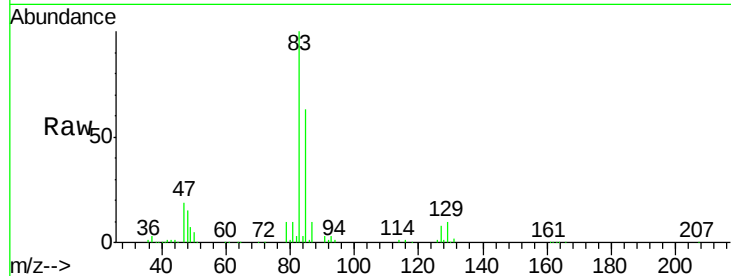




#47
Bromodichloromethane
Concen: 51.094 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

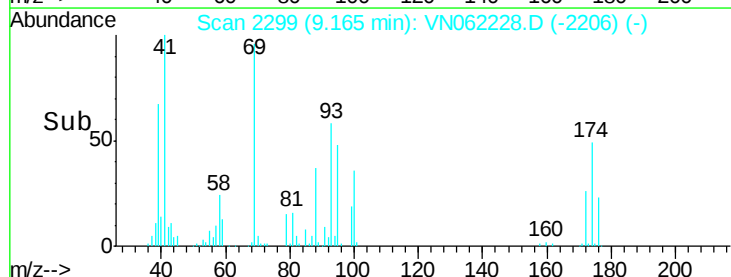
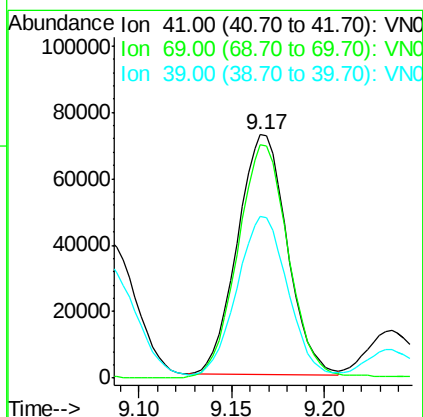
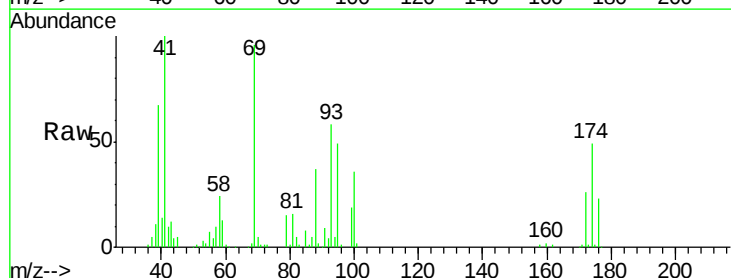
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

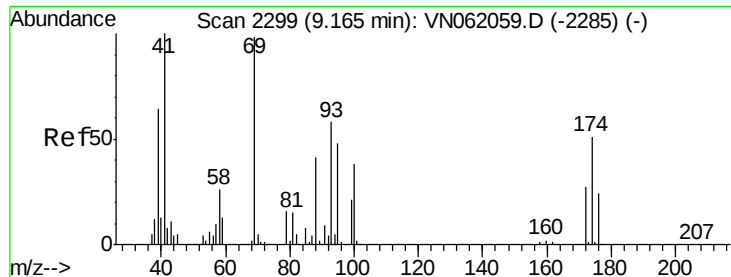
Tgt Ion: 83 Resp: 218096
Ion Ratio Lower Upper
83 100
85 63.3 50.3 75.5
127 7.8 6.9 10.3



#48
Methyl methacrylate
Concen: 53.964 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 41 Resp: 135433
Ion Ratio Lower Upper
41 100
69 99.3 80.7 121.1
39 68.8 54.5 81.7

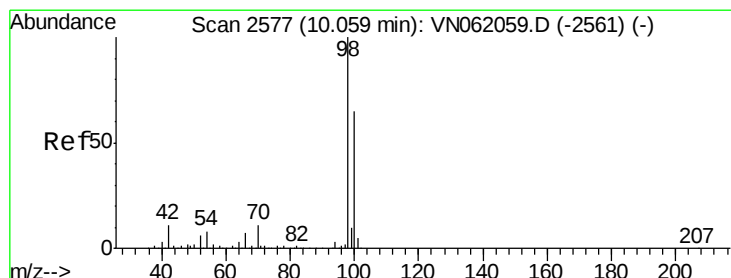
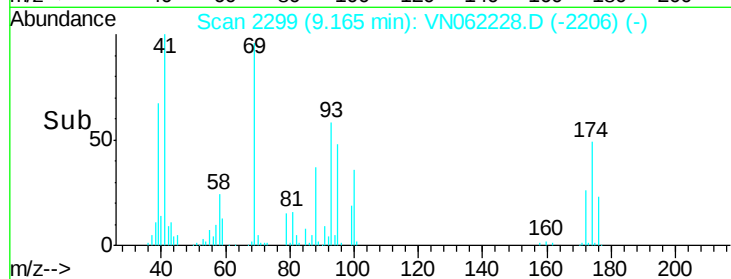
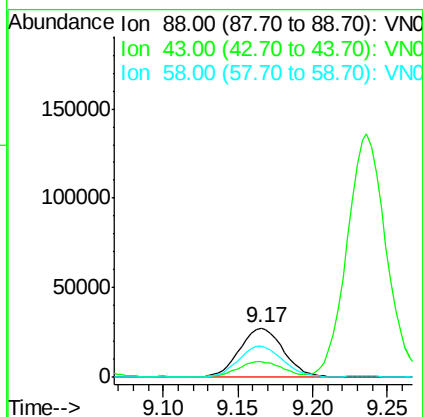
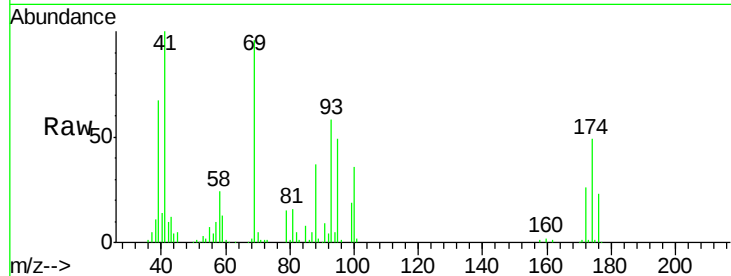




#49
1,4-Dioxane
Concen: 1016.751 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

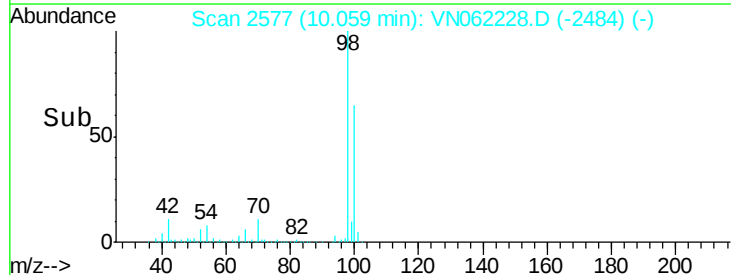
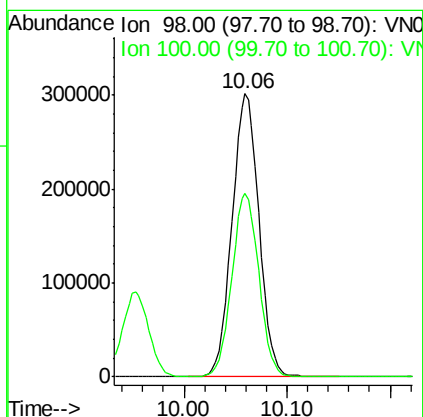
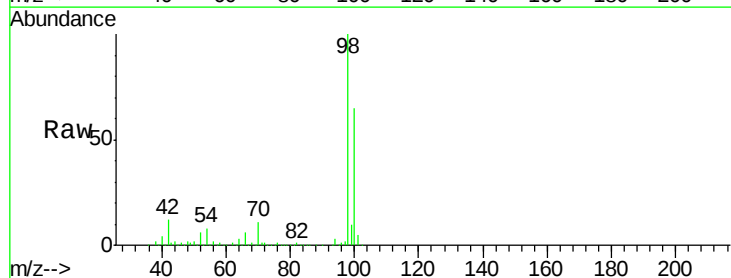
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 56588
Ion Ratio Lower Upper
88 100
43 31.0 22.0 33.0
58 64.0 49.2 73.8



#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 98 Resp: 549345
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8

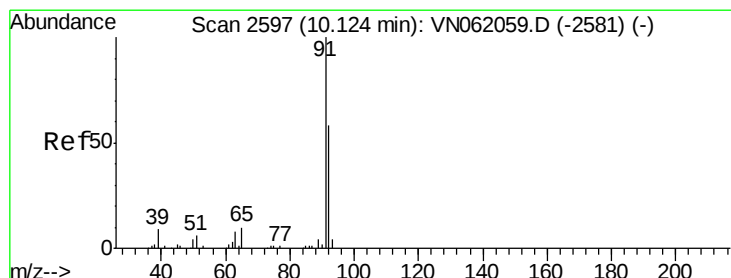
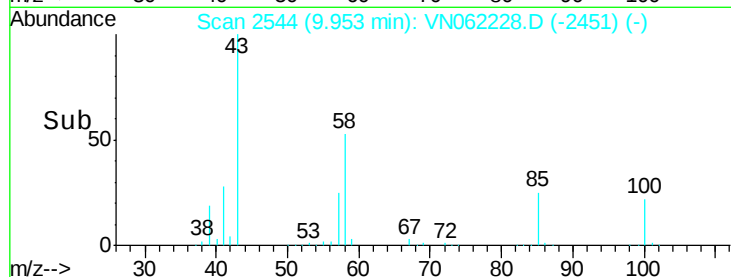
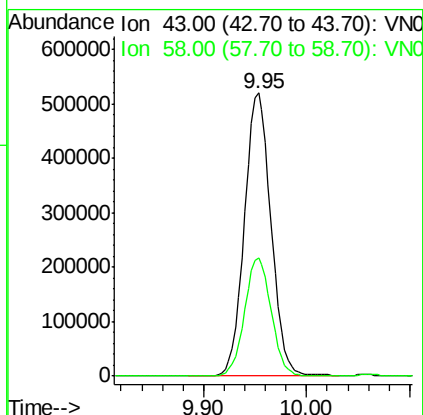
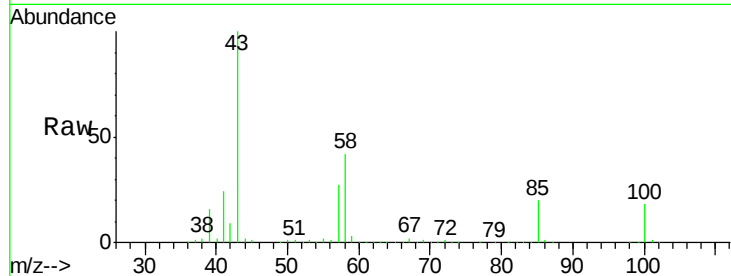




#51
 4-Methyl-2-Pentanone
 Concen: 283.247 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

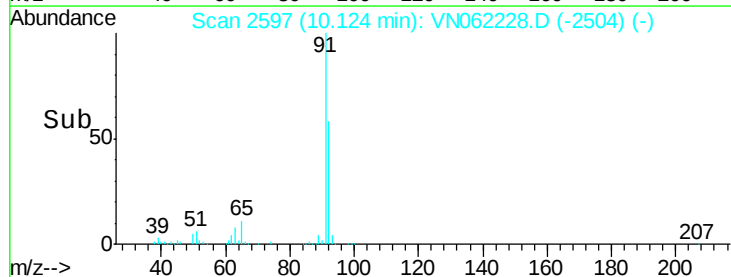
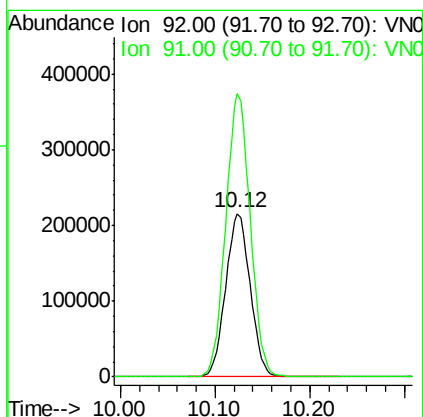
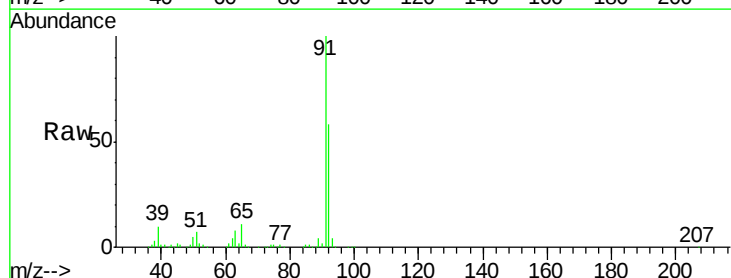
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

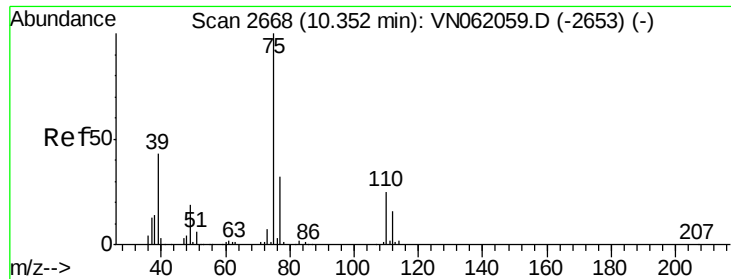
Tgt Ion: 43 Resp: 926304
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.2 51.2



#52
 Toluene
 Concen: 50.519 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion: 92 Resp: 389578
 Ion Ratio Lower Upper
 92 100
 91 173.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 47.737 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

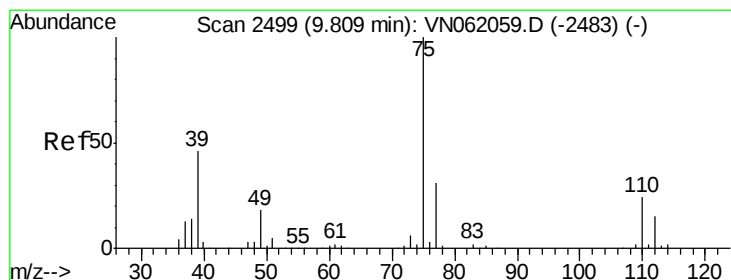
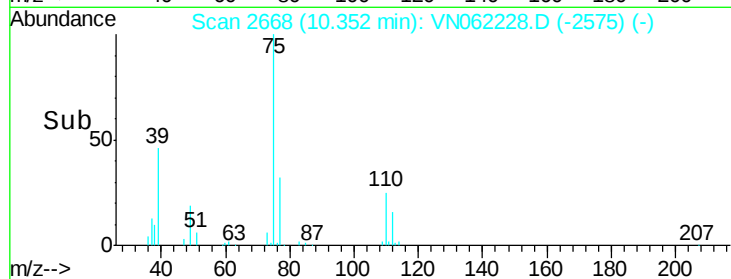
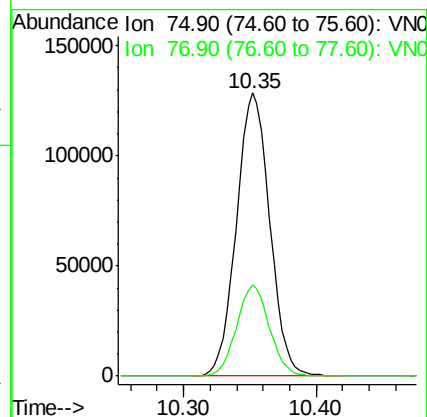
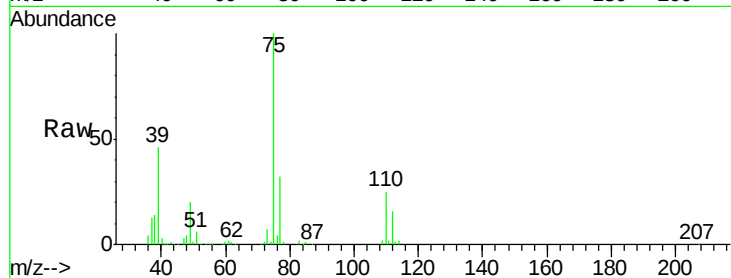
VSTDCCC050EC

Tgt Ion: 75 Resp: 224180

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.869 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

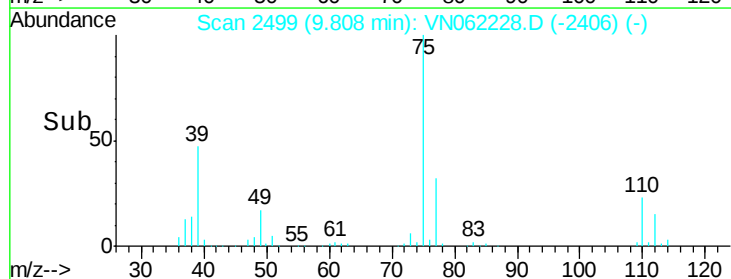
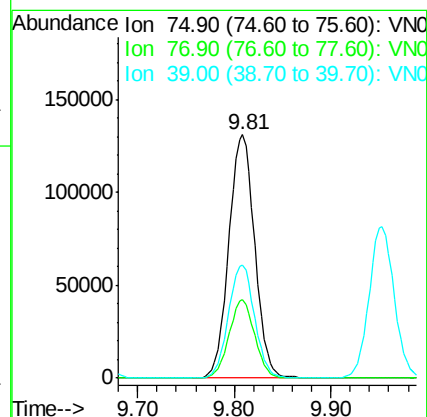
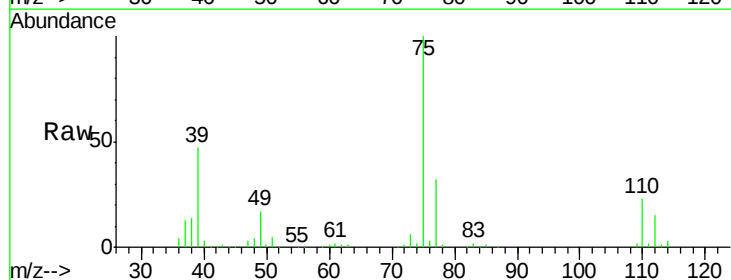
Tgt Ion: 75 Resp: 244333

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 46.6 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 51.857 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 157196

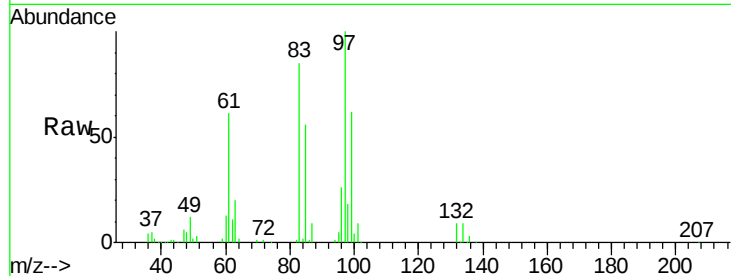
Ion Ratio Lower Upper

97 100

83 84.8 68.2 102.2

85 56.5 43.2 64.8

99 61.5 48.5 72.7

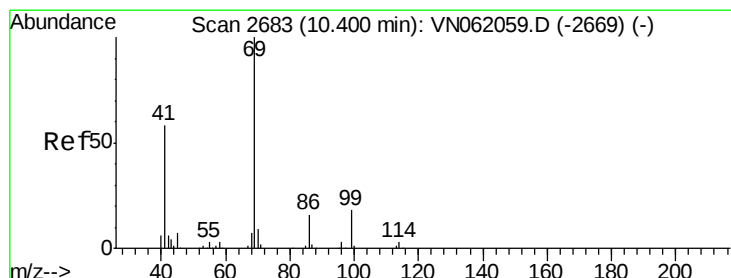
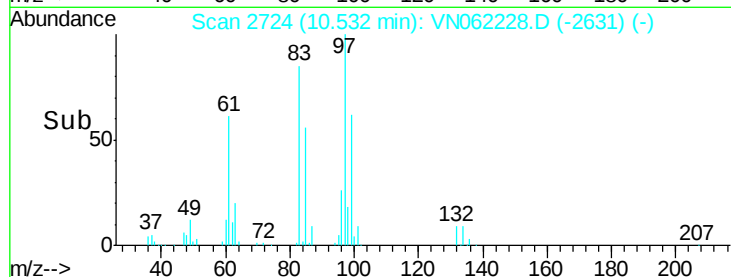
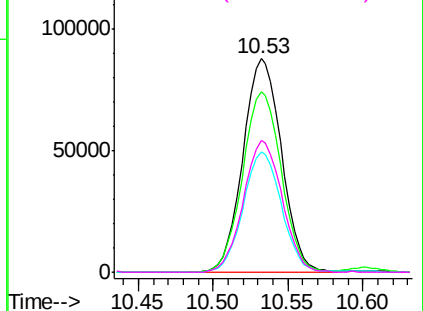


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 55.931 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

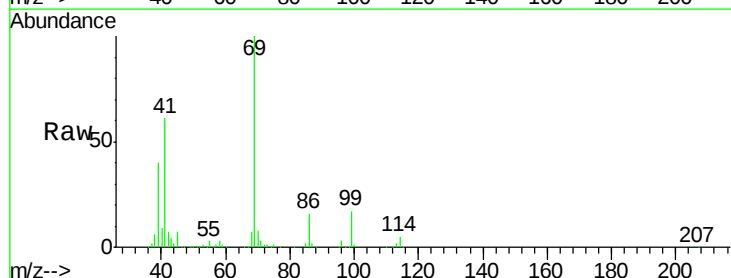
Tgt Ion: 69 Resp: 226267

Ion Ratio Lower Upper

69 100

41 59.8 46.6 70.0

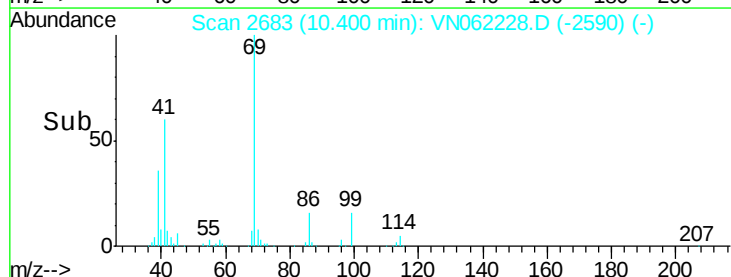
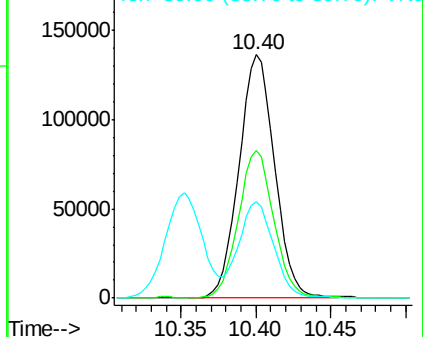
39 38.7 31.0 46.4

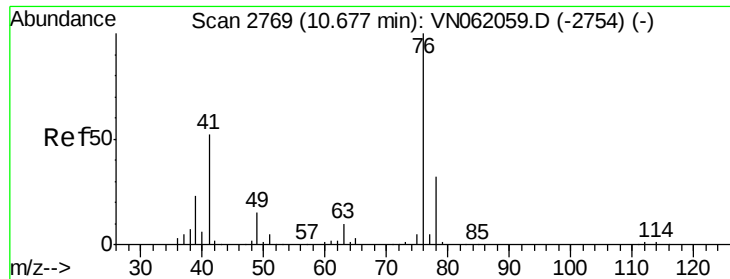


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

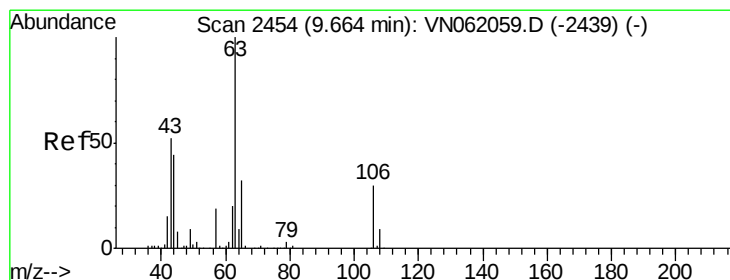
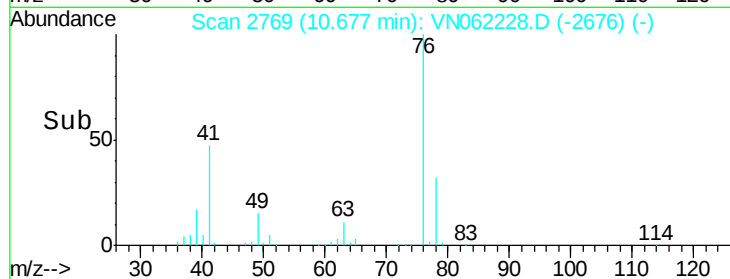
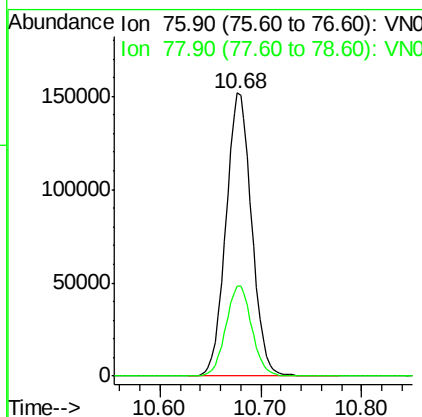
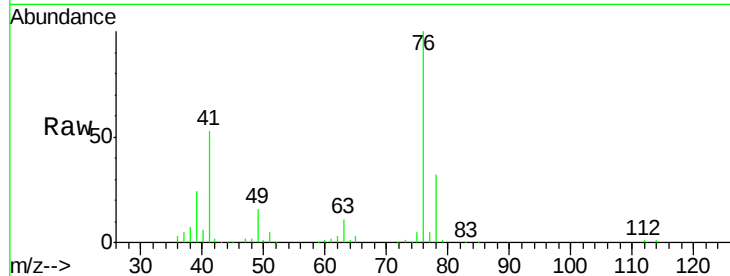




#57
 1,3-Dichloropropane
 Concen: 51.711 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

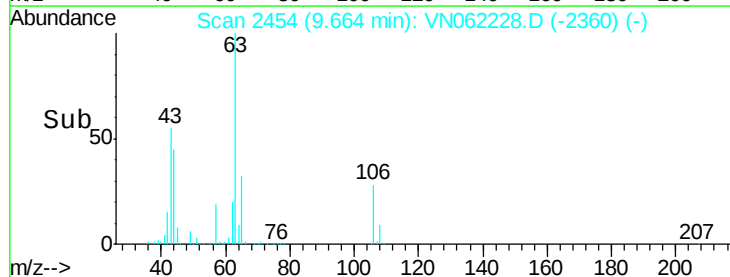
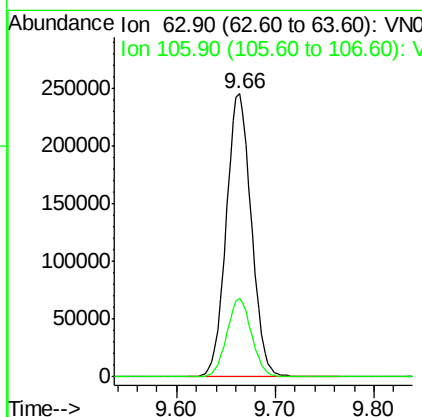
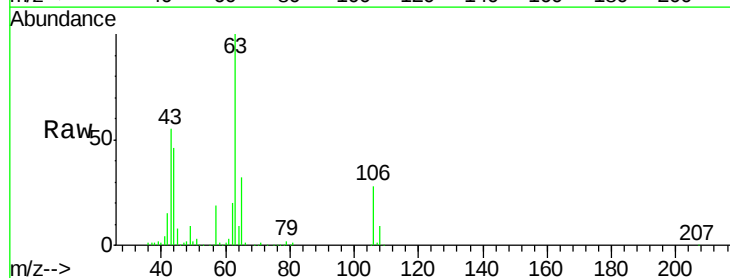
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

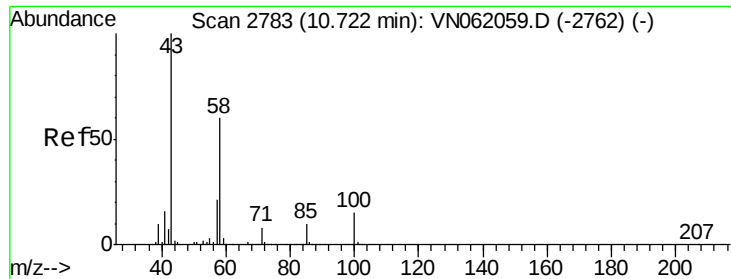
Tgt Ion: 76 Resp: 269813
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.019 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion: 63 Resp: 437990
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.2 34.8

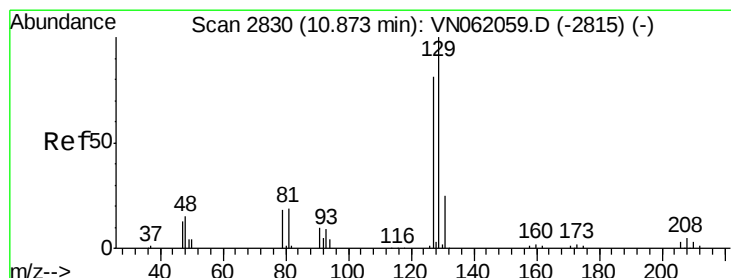
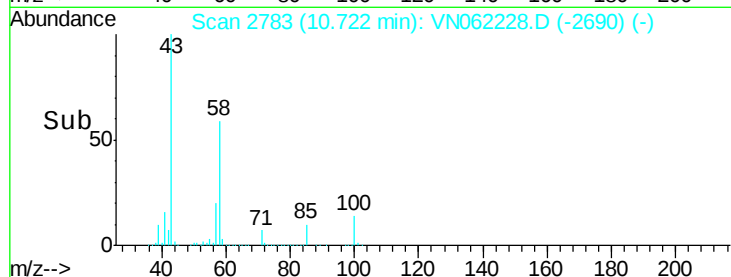
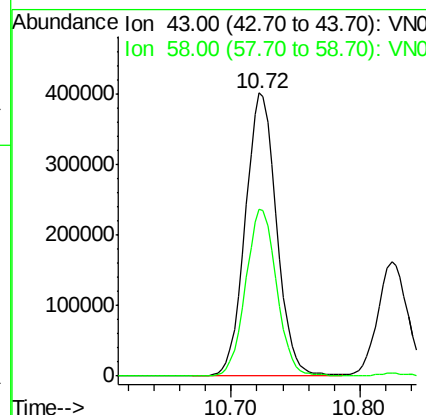
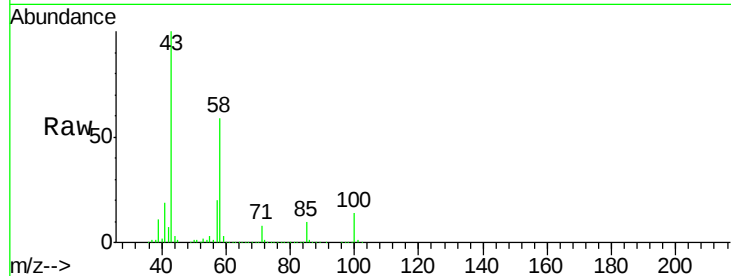




#59
2-Hexanone
Concen: 285.781 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

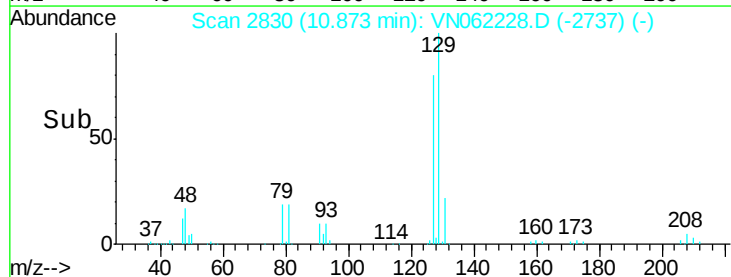
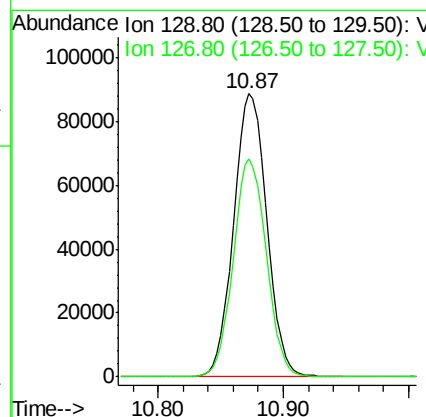
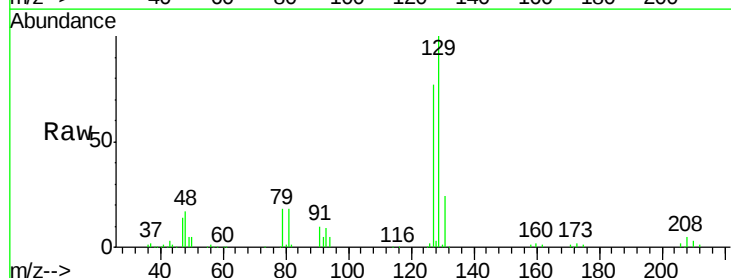
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

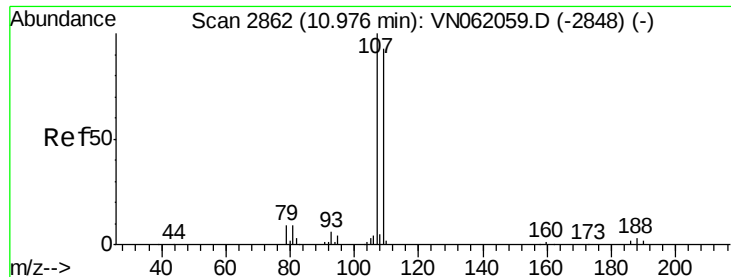
Tgt Ion: 43 Resp: 674864
Ion Ratio Lower Upper
43 100
58 58.8 29.5 88.5



#60
Dibromochloromethane
Concen: 50.833 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 129 Resp: 163141
Ion Ratio Lower Upper
129 100
127 76.8 39.5 118.5

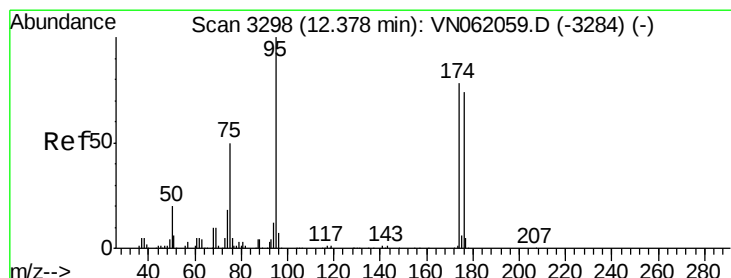
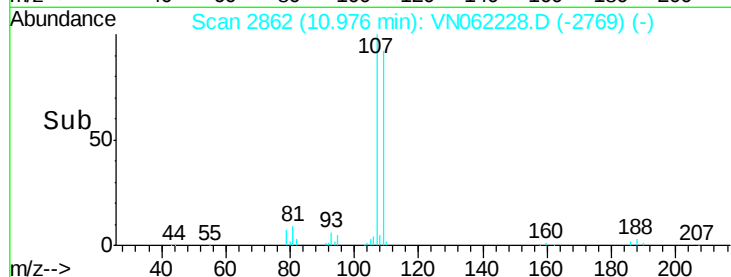
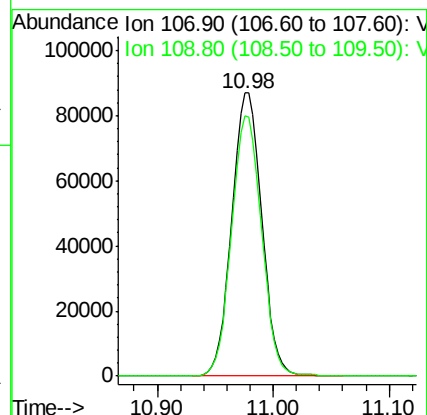
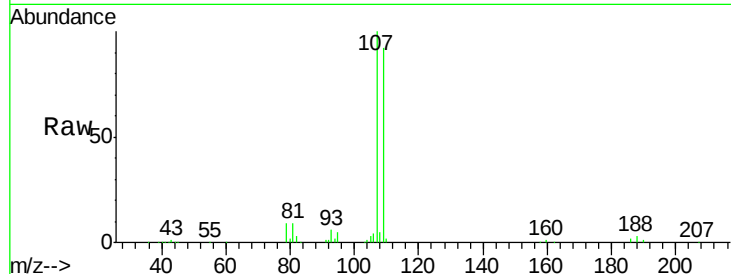




#61
 1,2-Dibromoethane
 Concen: 49.851 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

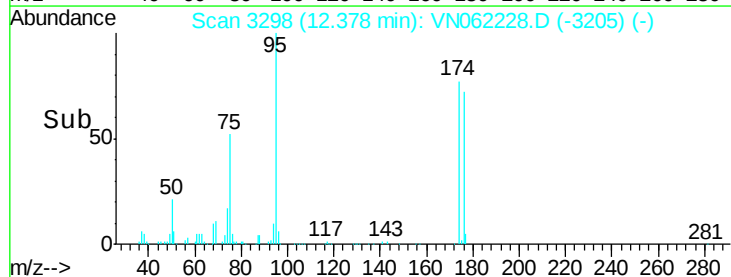
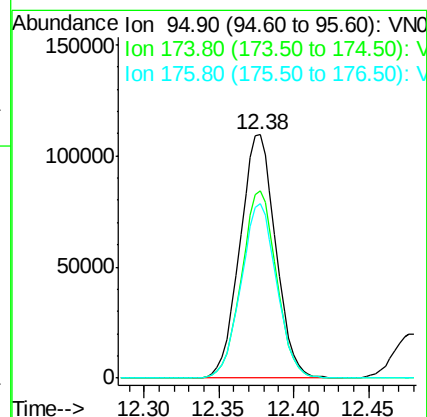
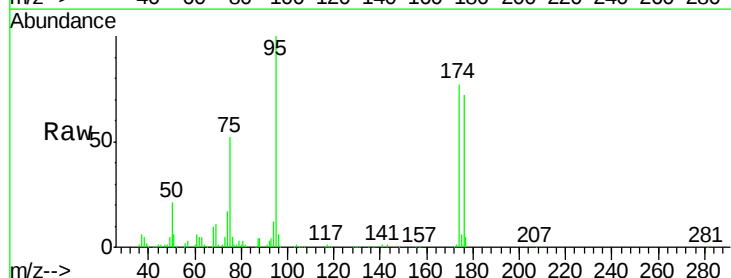
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

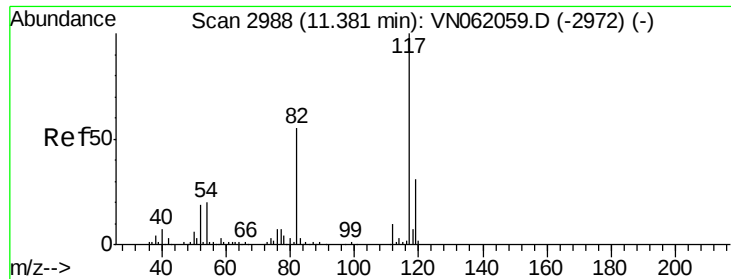
Tgt Ion: 107 Resp: 155274
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.040 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion: 95 Resp: 182433
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 154.8
 176 71.0 0.0 147.4

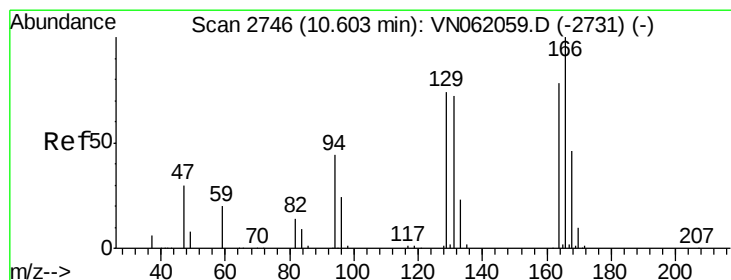
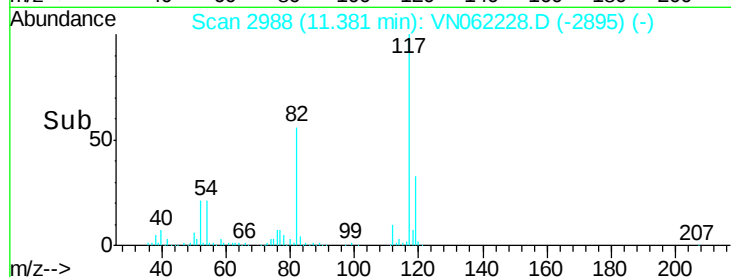
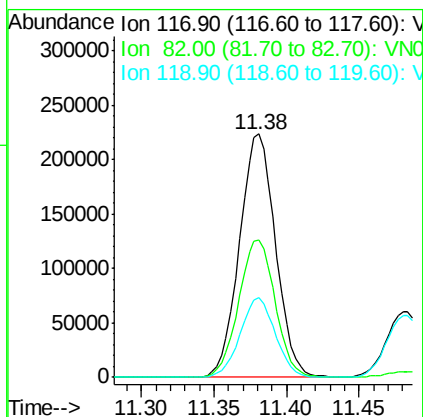
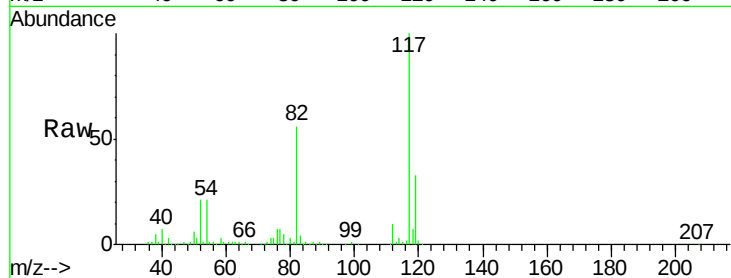




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

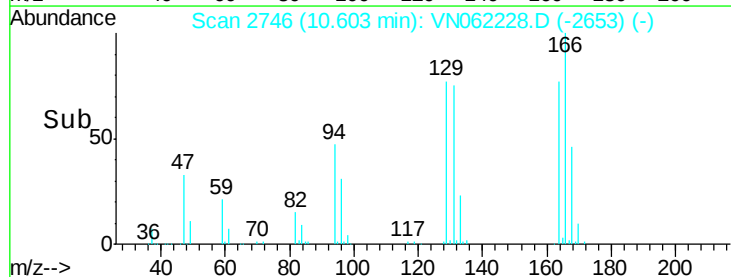
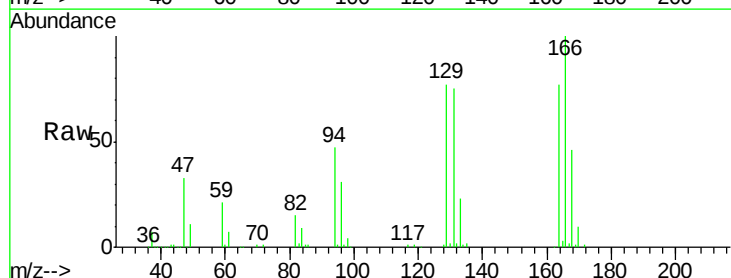
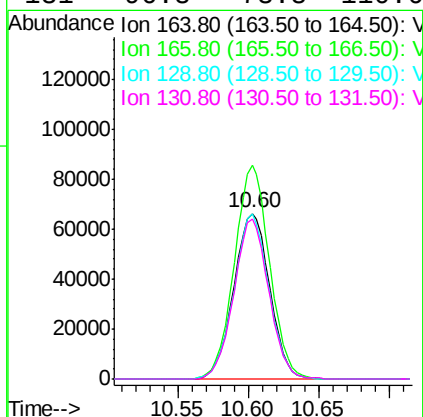
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 387066
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 44.659 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion:164 Resp: 118079
Ion Ratio Lower Upper
164 100
166 129.3 102.9 154.3
129 99.6 75.8 113.8
131 96.8 73.8 110.6

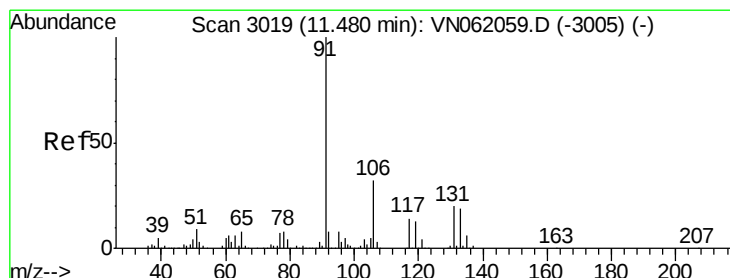
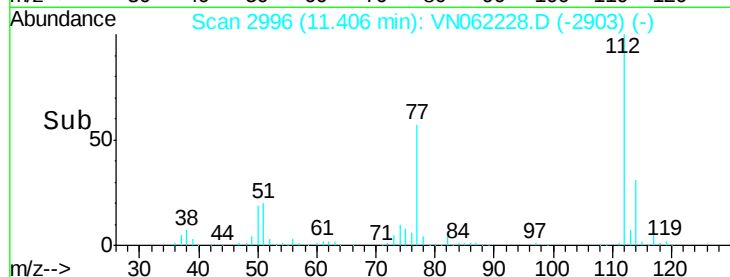
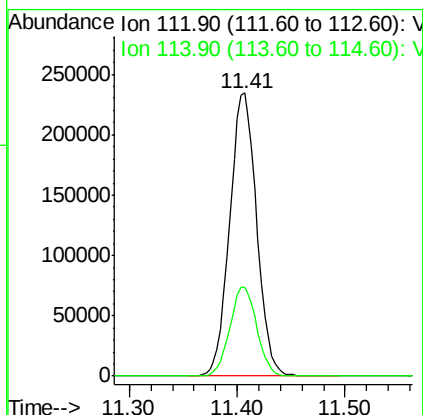
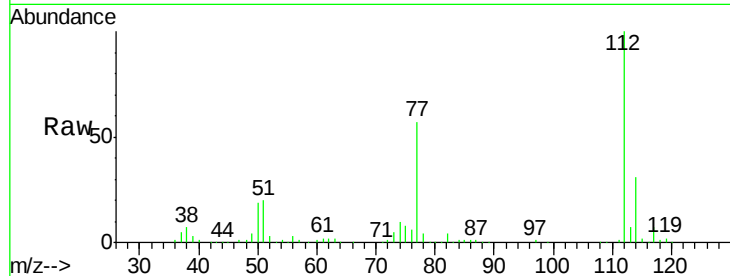




#65
Chlorobenzene
Concen: 48.162 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

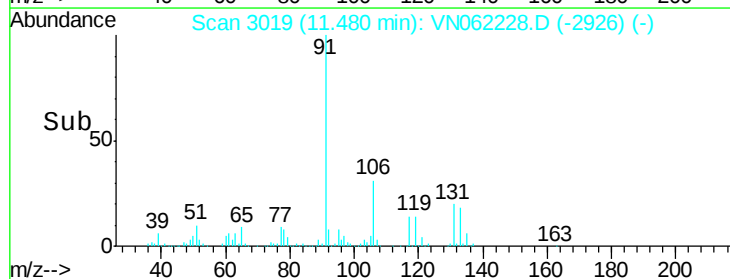
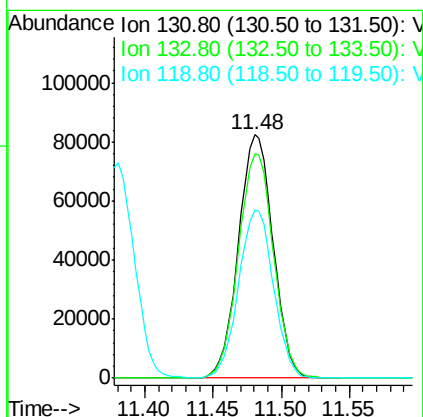
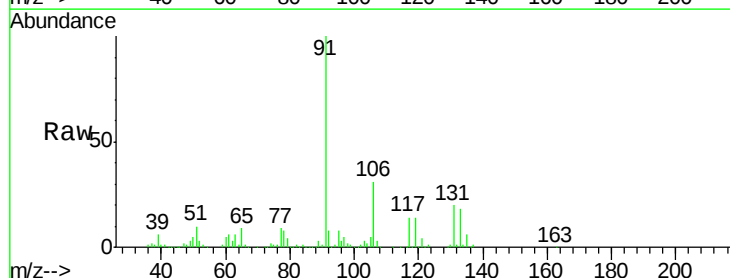
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 409379
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.426 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion:131 Resp: 145274
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.9
119 69.3 34.4 103.3

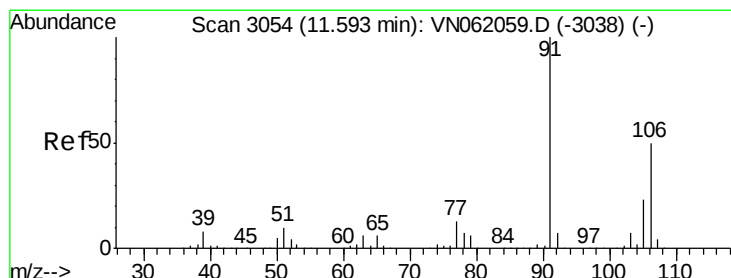
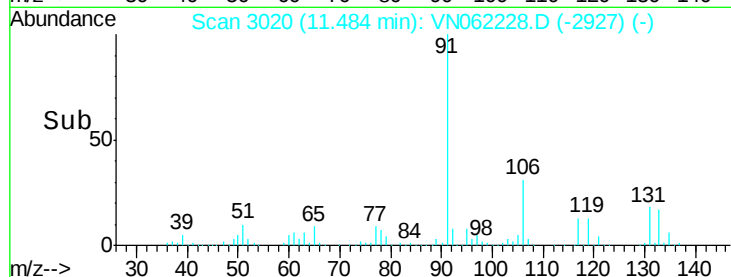
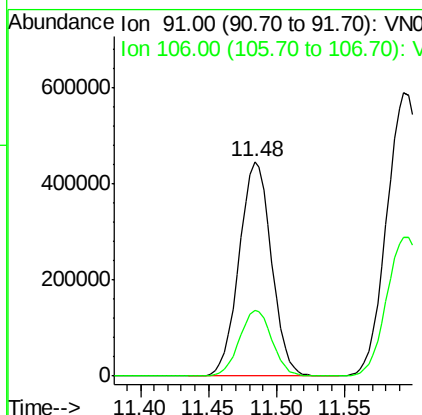
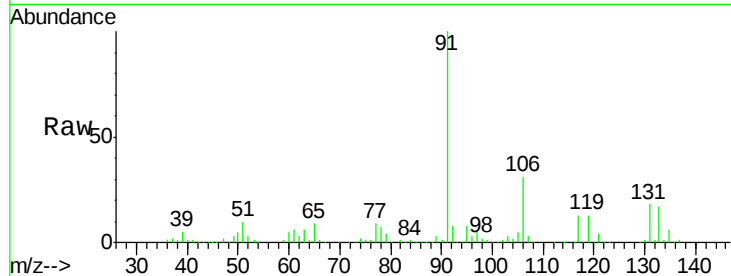




#67
Ethyl Benzene
Concen: 51.170 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

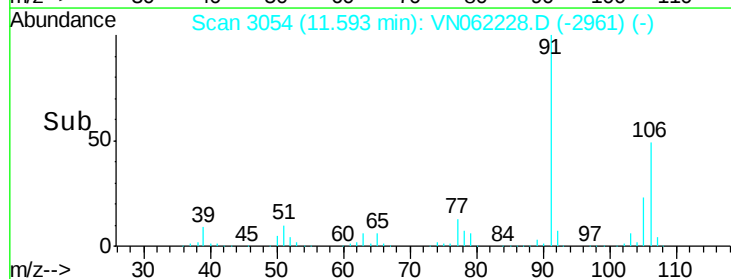
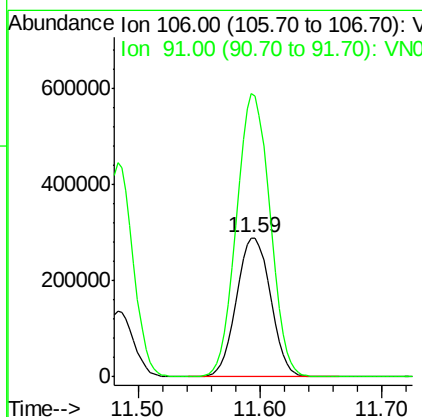
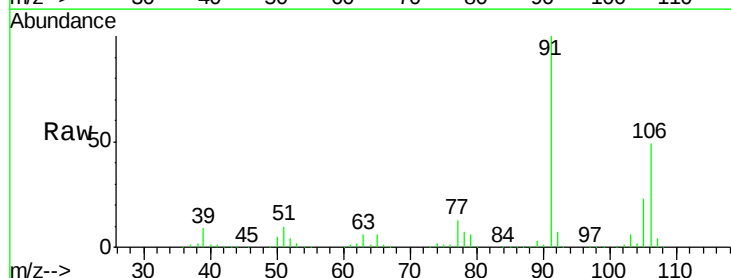
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 734570
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9



#68
m/p-Xylenes
Concen: 100.494 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 106 Resp: 557992
Ion Ratio Lower Upper
106 100
91 200.9 157.8 236.8

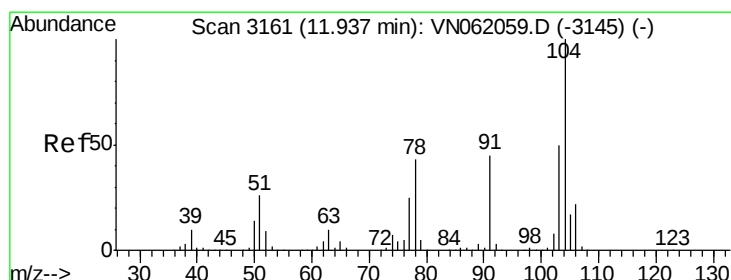
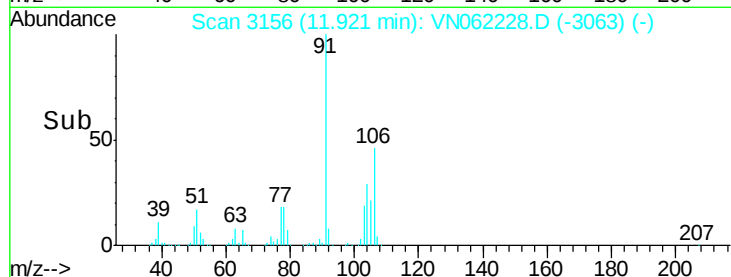
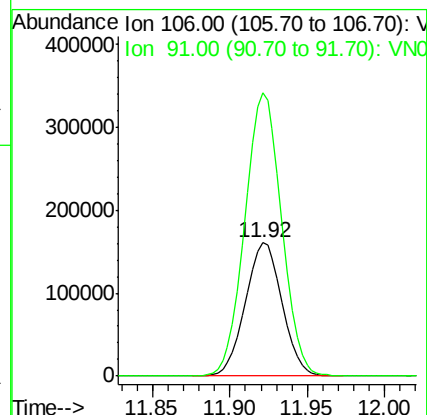
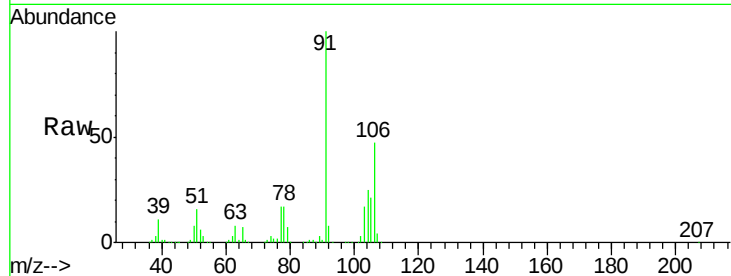




#69
o-Xylene
Concen: 50.717 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

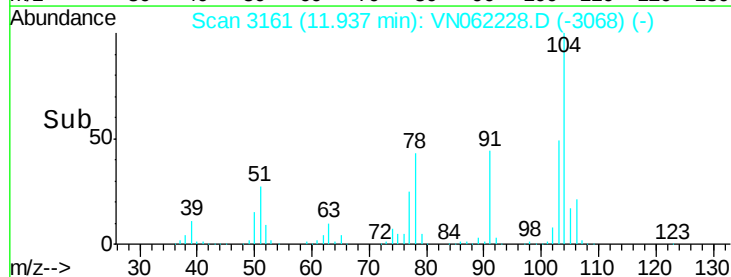
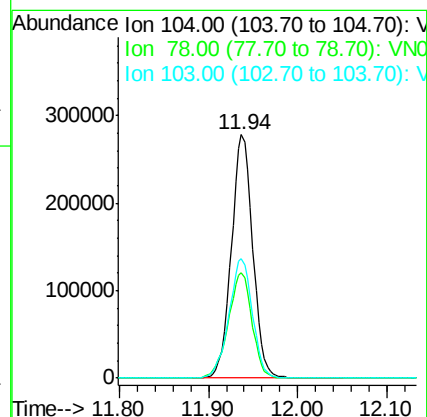
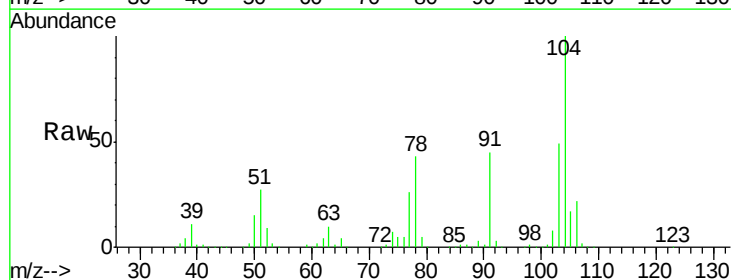
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 265696
Ion Ratio Lower Upper
106 100
91 212.6 104.0 311.9



#70
Styrene
Concen: 52.852 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion:104 Resp: 461765
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 53.8 43.0 64.6





#71

Bromoform

Concen: 50.274 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

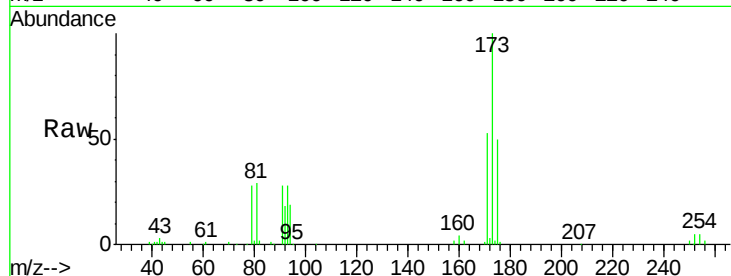
Tgt Ion:173 Resp: 105062

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

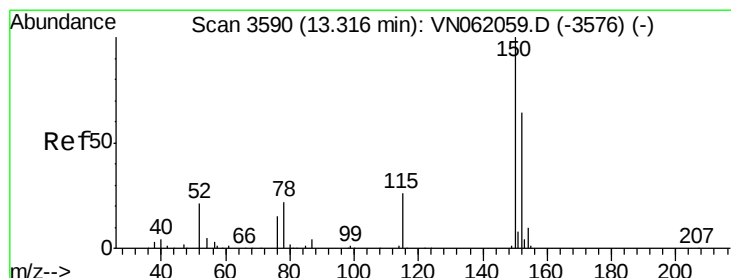
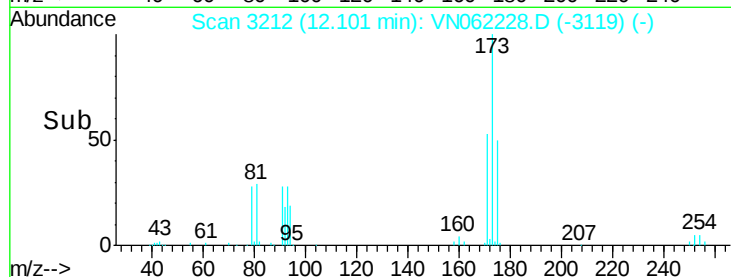
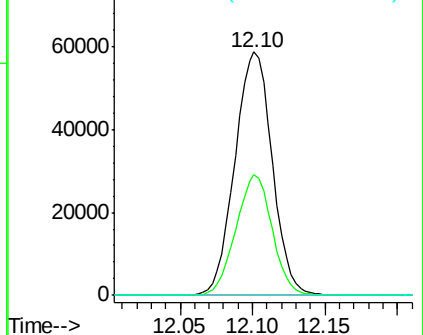
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

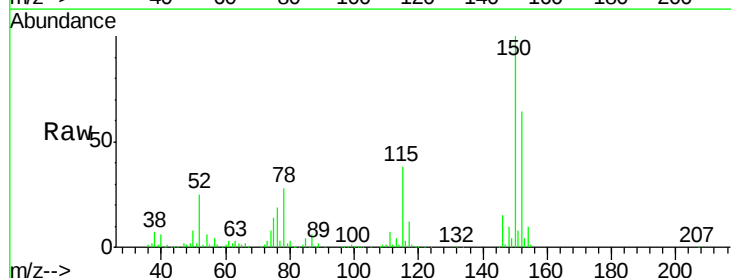
Tgt Ion:152 Resp: 181175

Ion Ratio Lower Upper

152 100

115 60.4 29.5 88.5

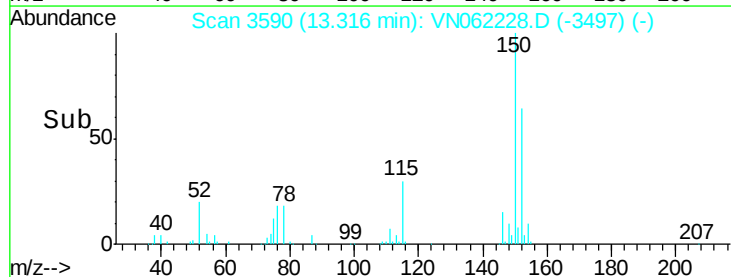
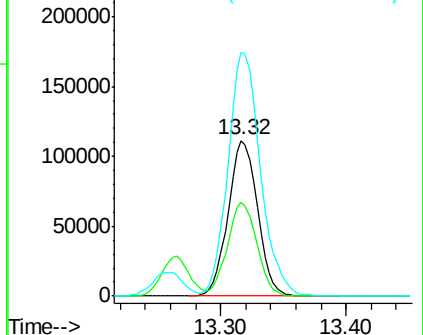
150 172.3 0.0 351.4

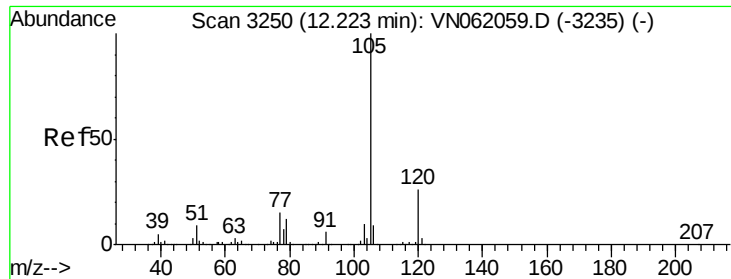


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.114 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

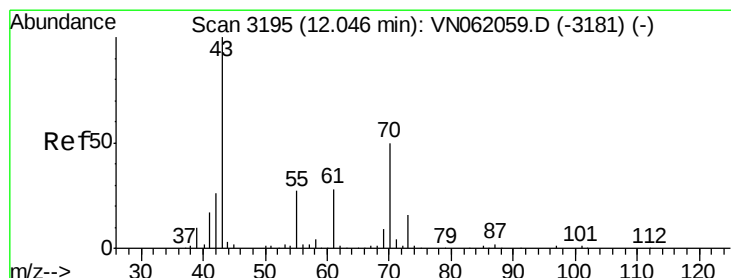
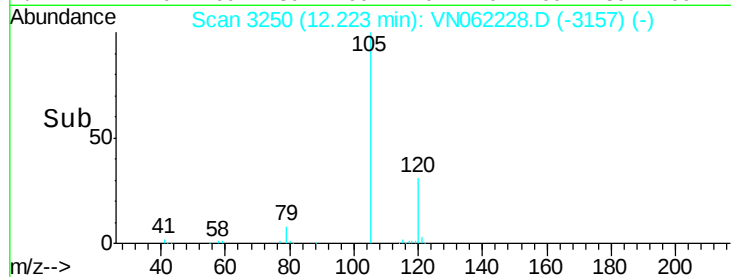
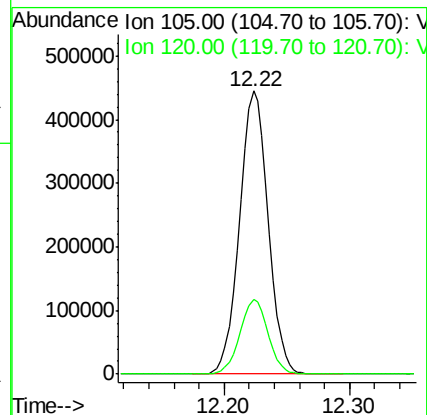
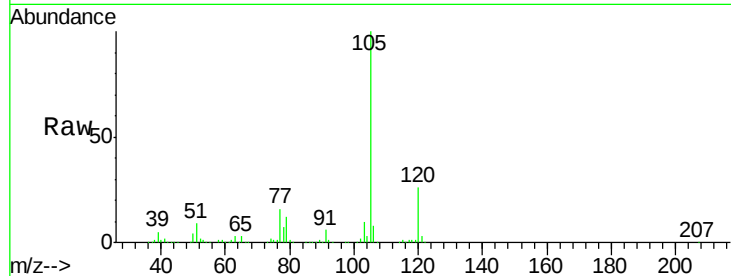
VSTDCCC050EC

Tgt Ion: 105 Resp: 702824

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 51.673 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Tgt Ion: 43 Resp: 267386

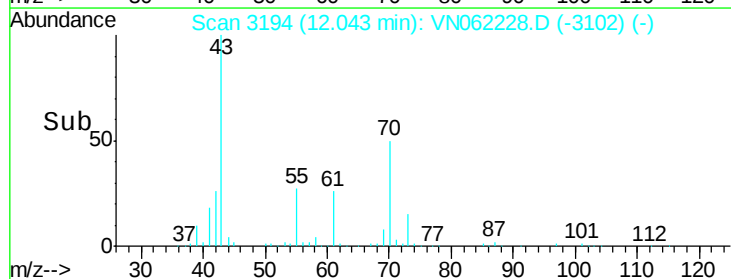
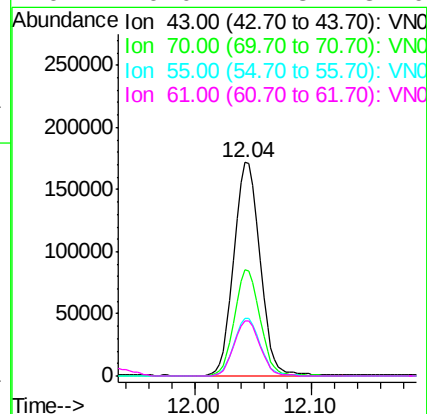
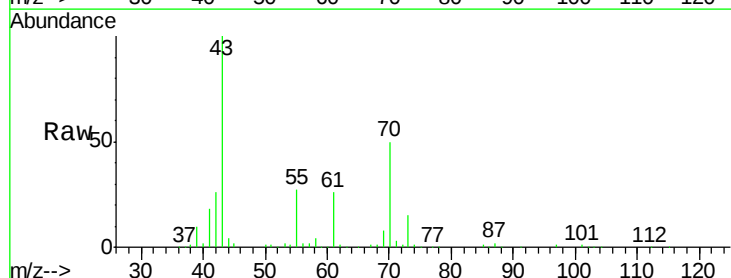
Ion Ratio Lower Upper

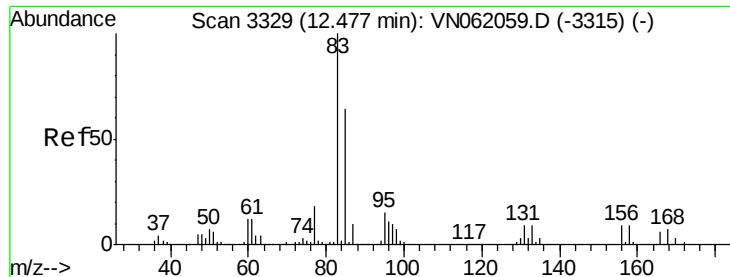
43 100

70 48.4 39.4 59.2

55 27.3 21.7 32.5

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.443 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

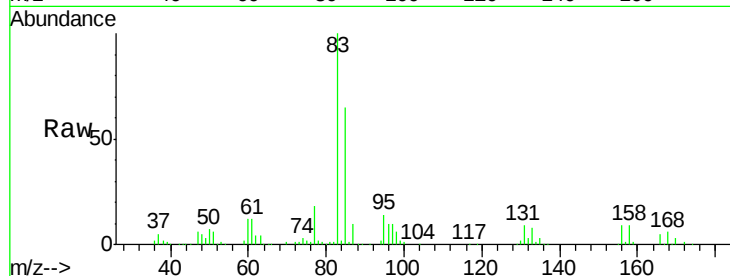
Tgt Ion: 83 Resp: 235418

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

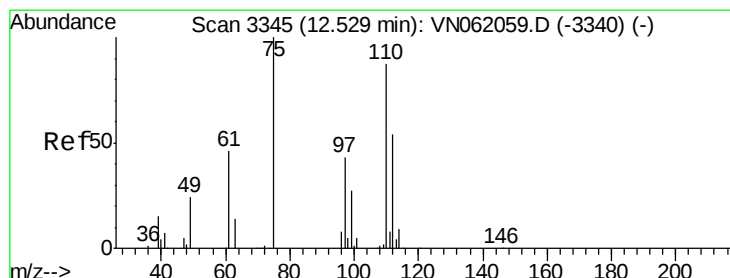
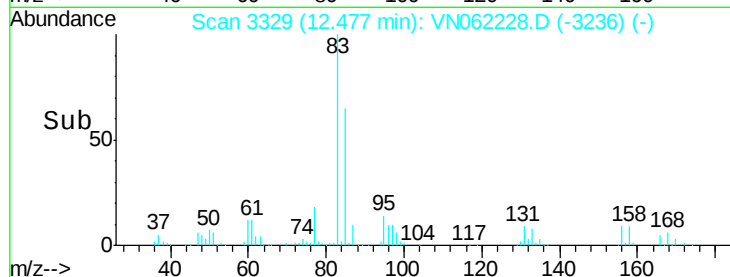
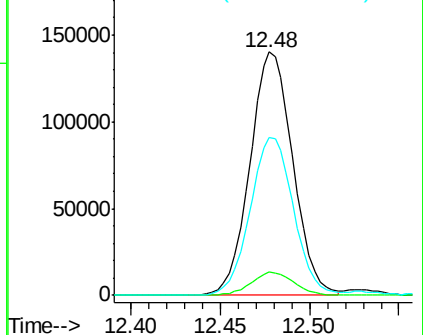
85 65.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062228.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062228.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062228.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 67.175 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062228.D

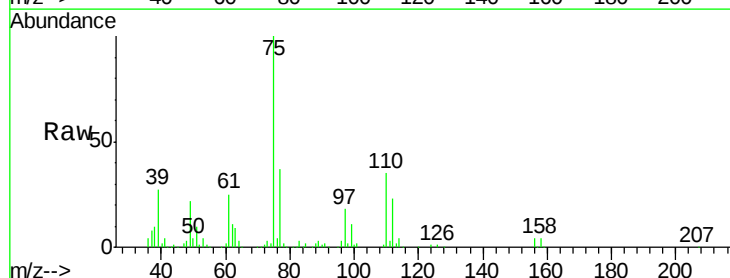
Acq: 30 Jun 2020 8:37

Tgt Ion: 75 Resp: 286503

Ion Ratio Lower Upper

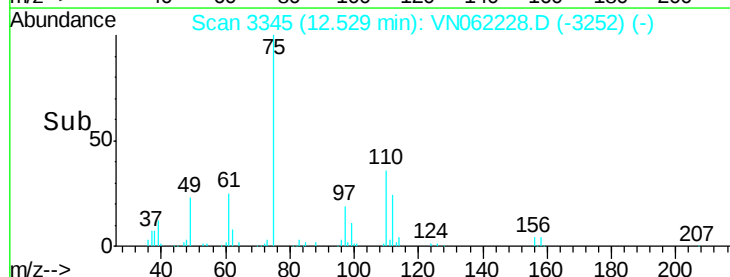
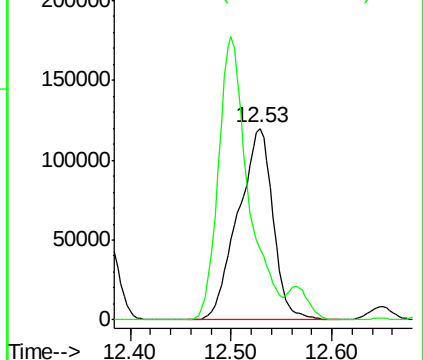
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062228.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062228.D (-3252) (-)

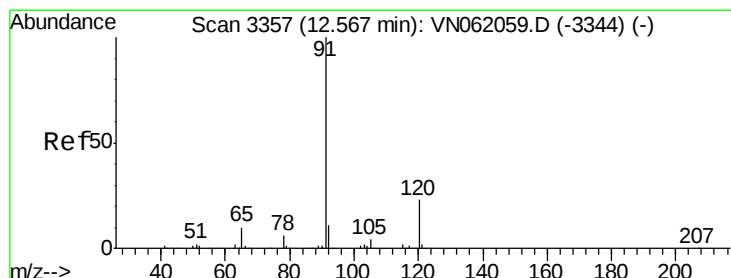
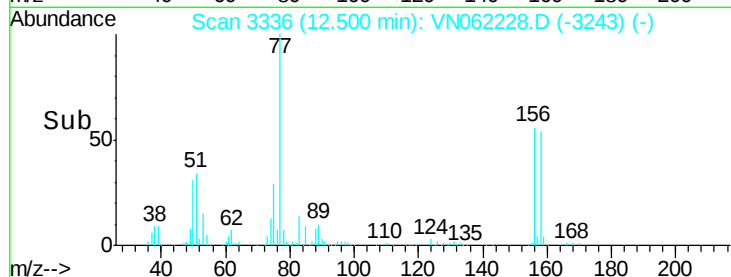
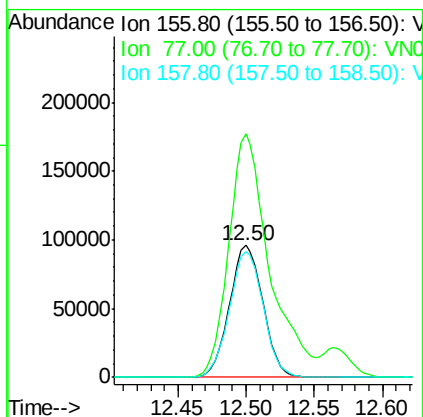
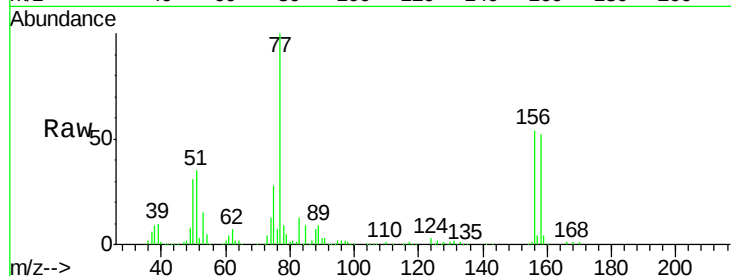




#77
Bromobenzene
Concen: 46.956 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

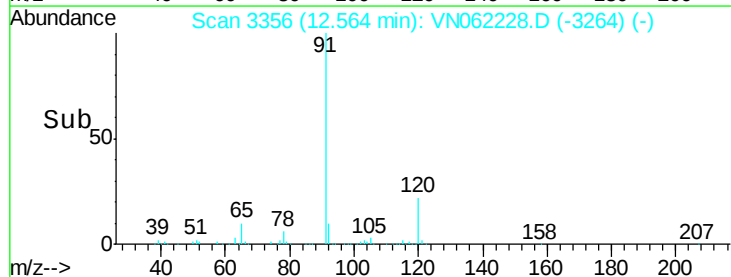
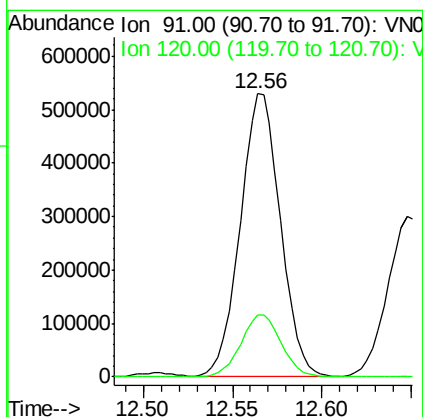
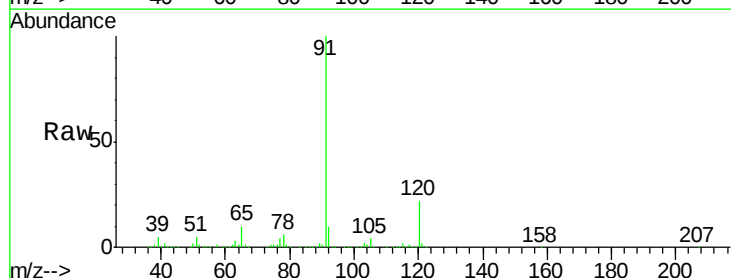
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

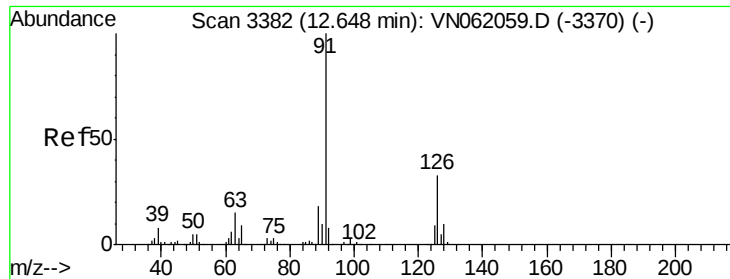
Tgt Ion:156 Resp: 163493
Ion Ratio Lower Upper
156 100
77 224.7 104.6 313.8
158 96.4 48.0 144.0



#78
n-propylbenzene
Concen: 51.457 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion: 91 Resp: 825474
Ion Ratio Lower Upper
91 100
120 22.1 11.4 34.1





#79

2-Chlorotoluene

Concen: 50.381 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

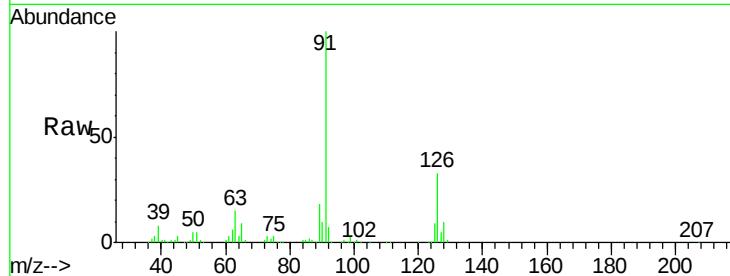
VSTDCCC050EC

Tgt Ion: 91 Resp: 488600

Ion Ratio Lower Upper

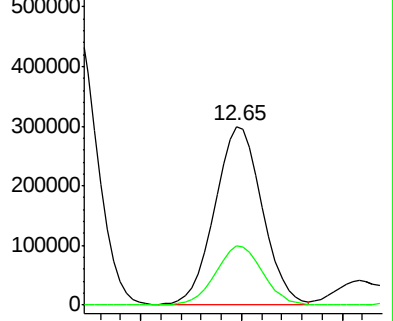
91 100

126 33.1 16.9 50.7

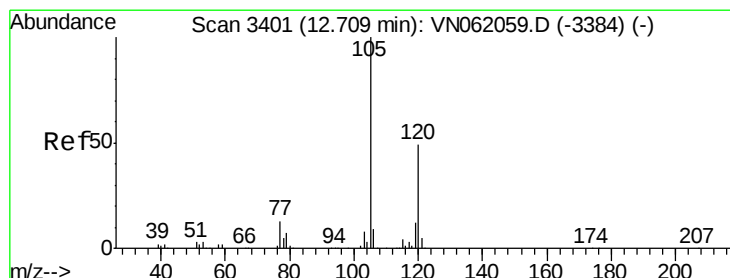
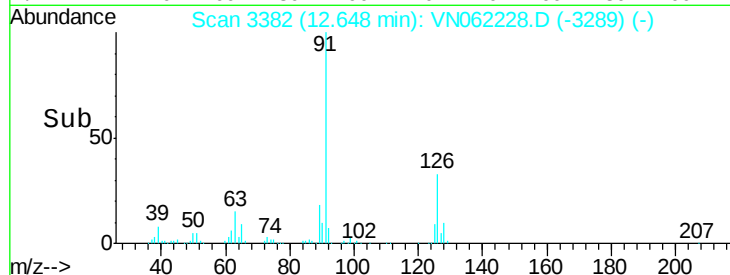


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.569 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062228.D

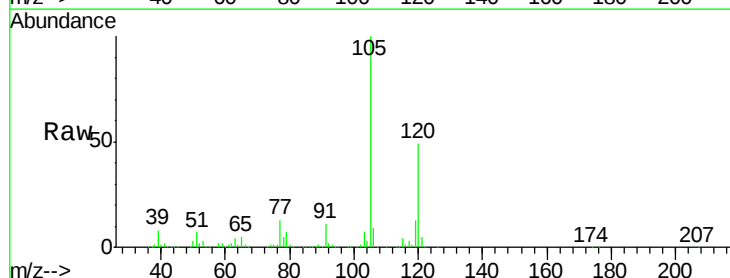
Acq: 30 Jun 2020 8:37

Tgt Ion: 105 Resp: 586283

Ion Ratio Lower Upper

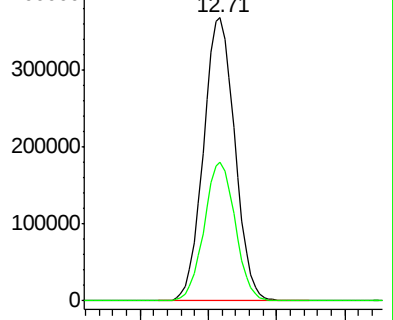
105 100

120 48.6 24.6 74.0

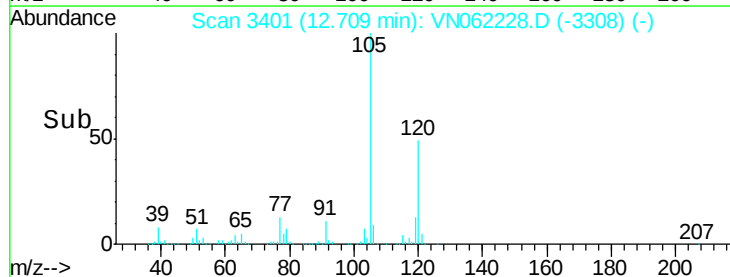


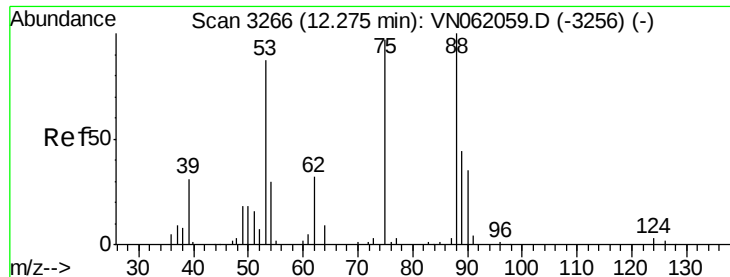
Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.651 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

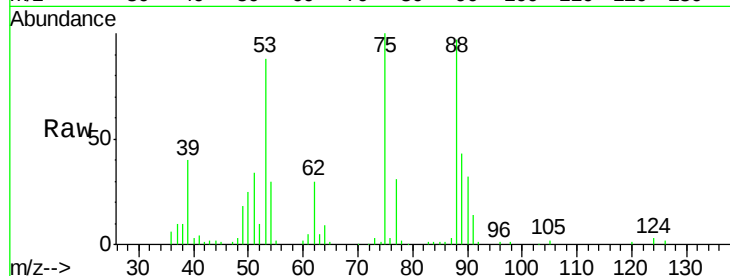
Tgt Ion: 75 Resp: 68130

Ion Ratio Lower Upper

75 100

53 89.4 72.0 108.0

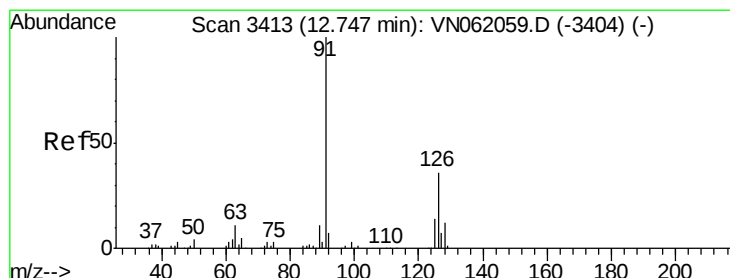
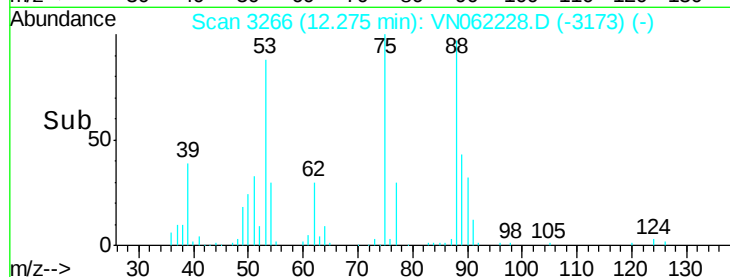
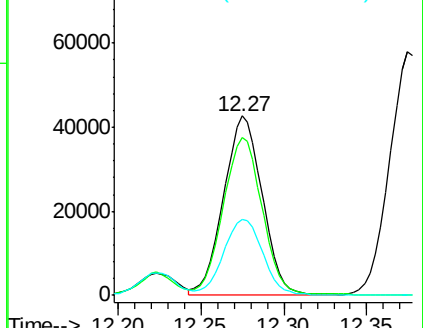
89 44.0 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062228.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062228.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062228.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 49.732 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062228.D

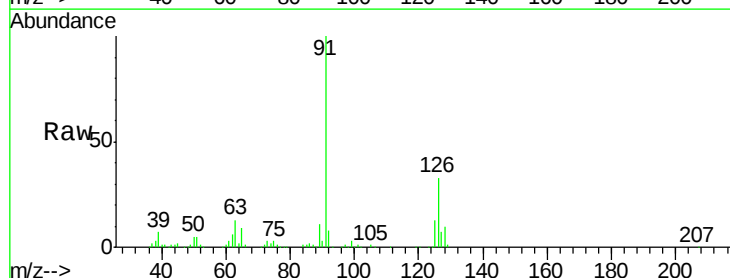
Acq: 30 Jun 2020 8:37

Tgt Ion: 91 Resp: 498746

Ion Ratio Lower Upper

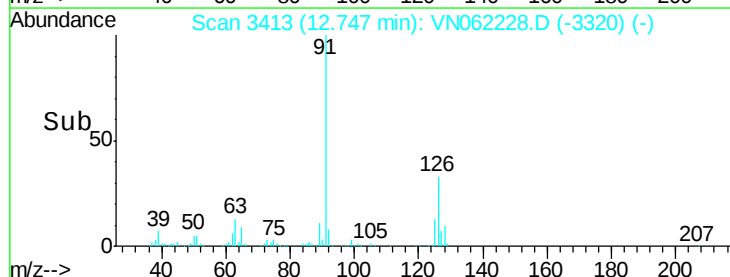
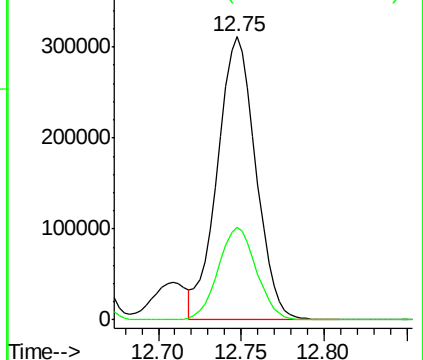
91 100

126 32.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062228.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062228.D (-3320) (-)

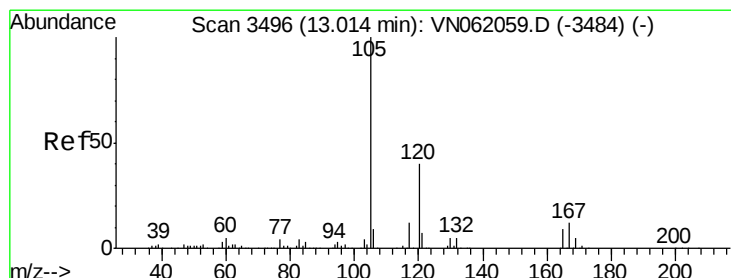
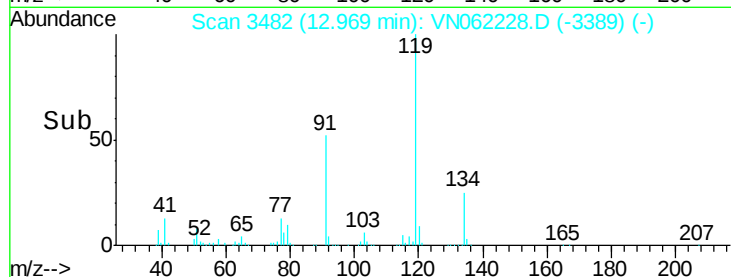
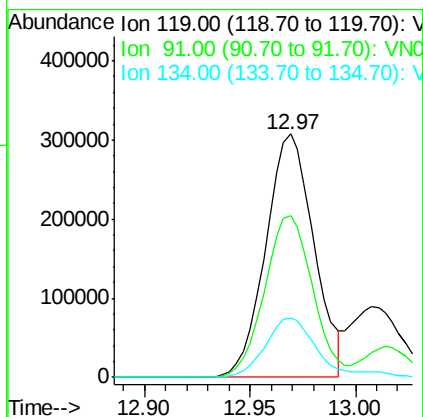
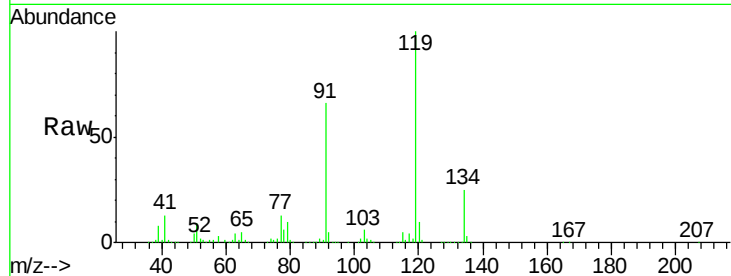




#83
 tert-Butylbenzene
 Concen: 50.239 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

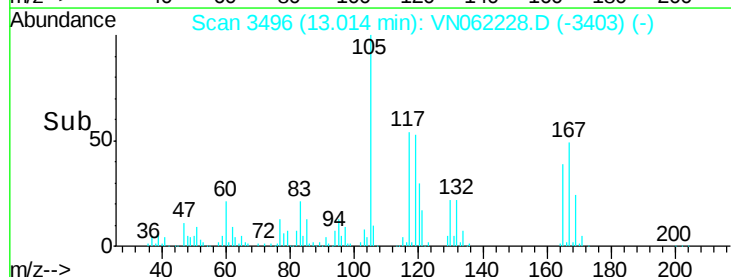
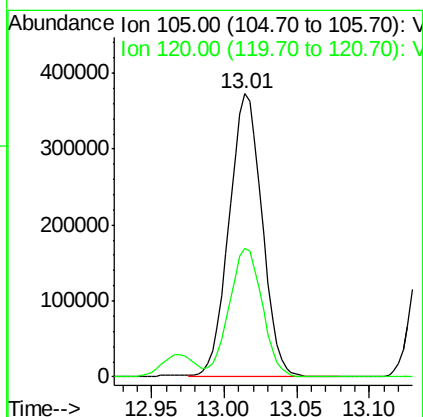
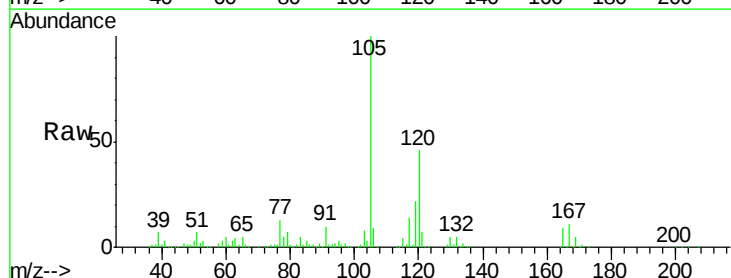
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 488807
 Ion Ratio Lower Upper
 119 100
 91 66.2 31.7 95.1
 134 26.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.686 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion:105 Resp: 586879
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.5

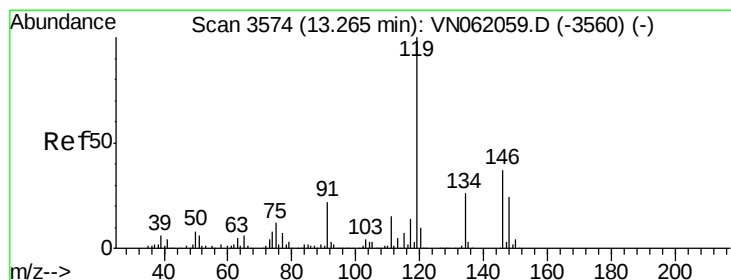
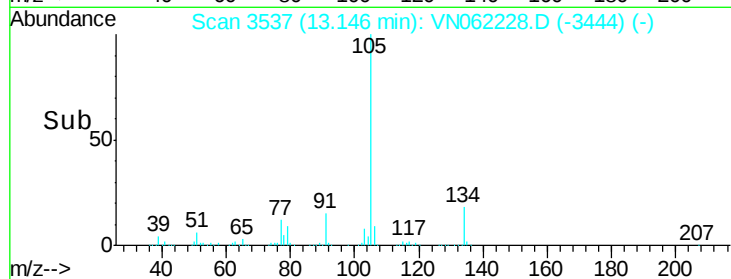
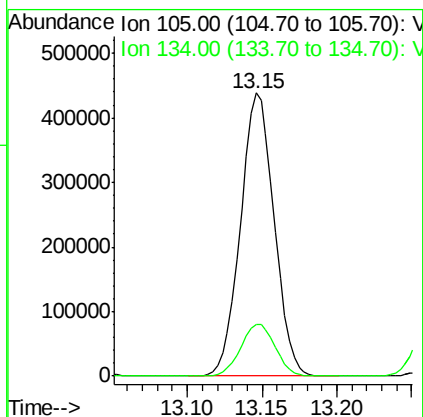
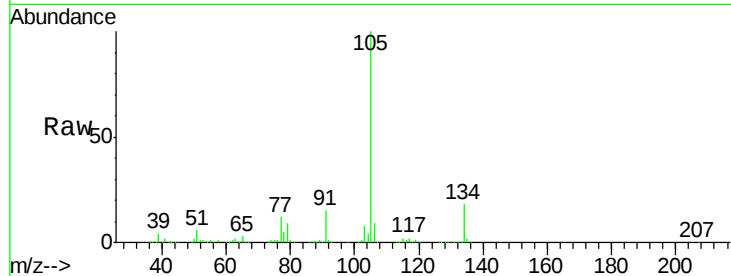




#85
 sec-Butylbenzene
 Concen: 53.202 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

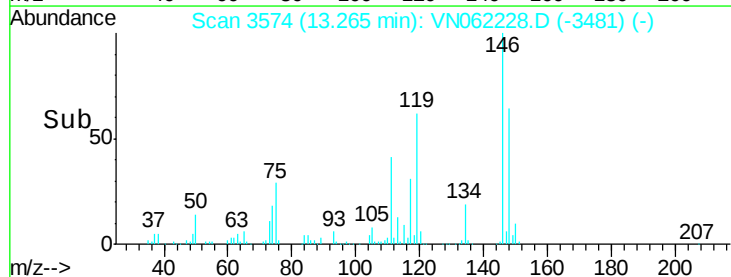
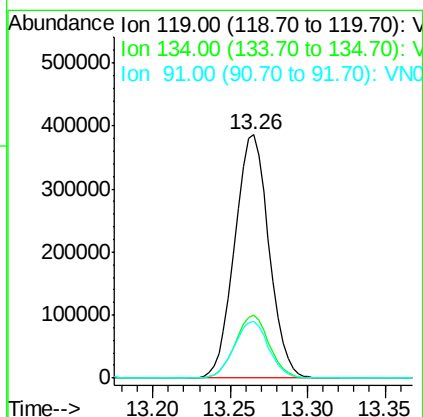
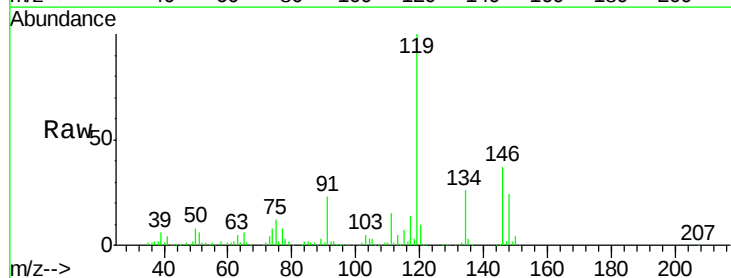
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 683993
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.648 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion:119 Resp: 593013
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.2 11.3 33.8

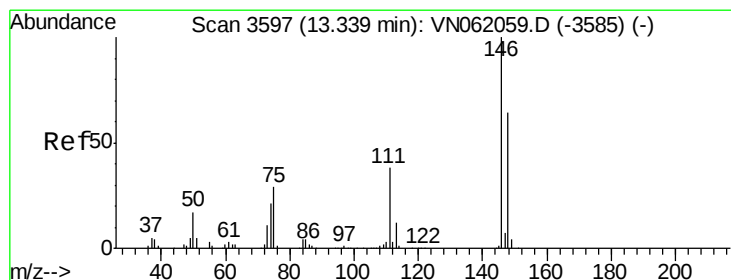
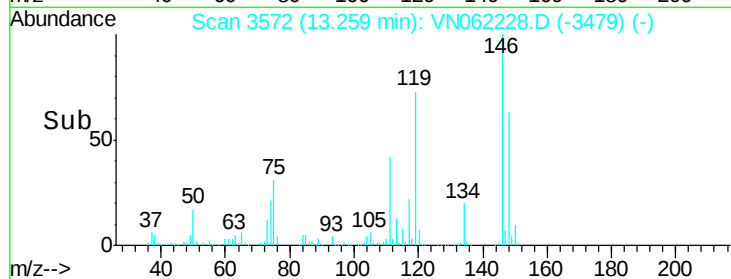
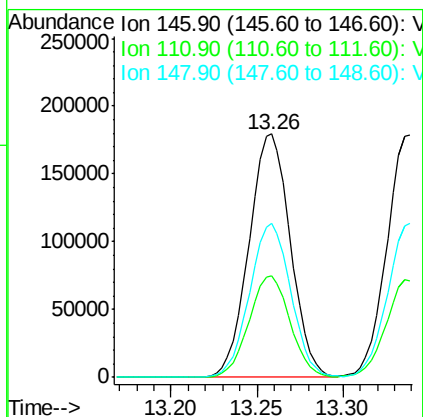
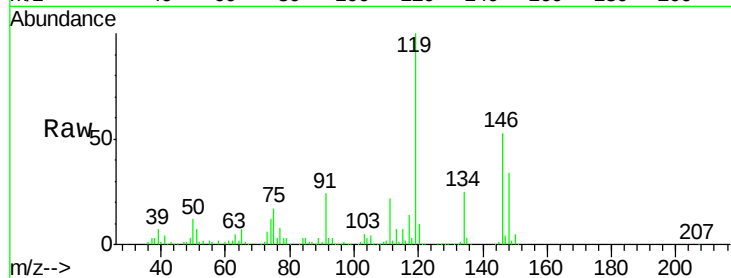




#87
 1,3-Dichlorobenzene
 Concen: 48.925 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

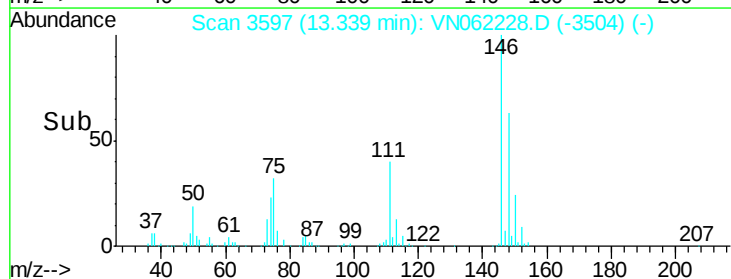
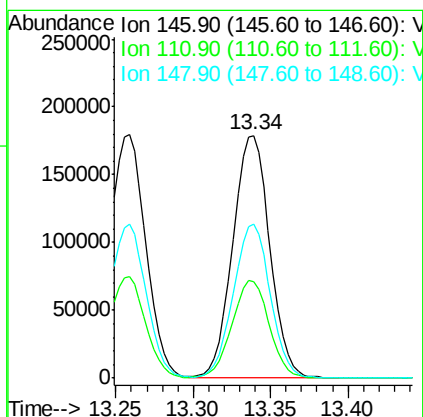
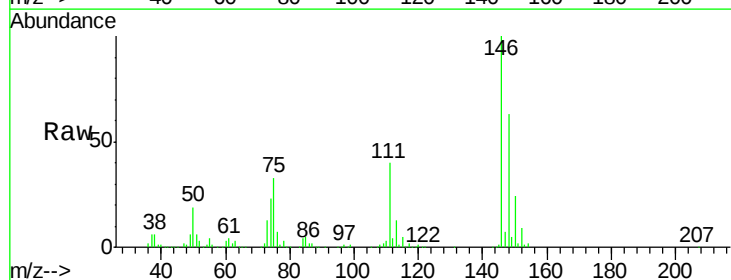
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

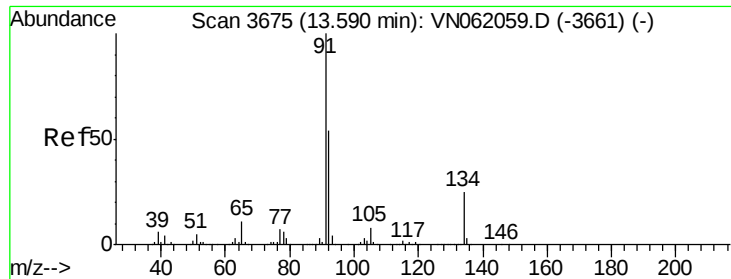
Tgt Ion:146 Resp: 299130
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.938 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion:146 Resp: 295820
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 52.760 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

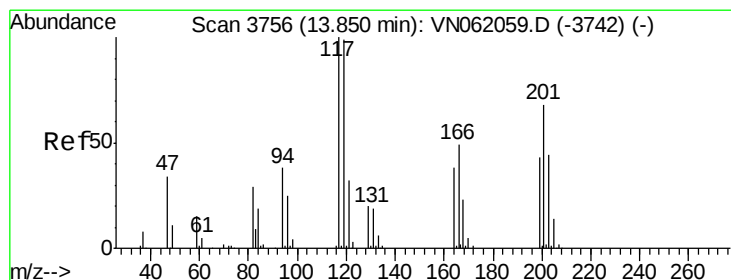
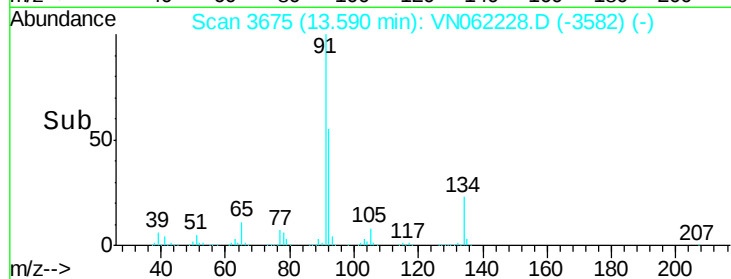
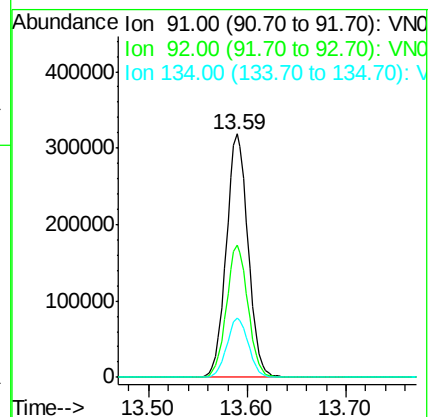
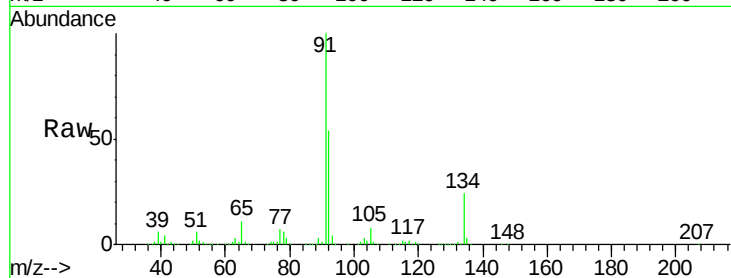
Tgt Ion: 91 Resp: 494066

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 24.1 12.3 36.9



#90

Hexachloroethane

Concen: 52.182 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062228.D

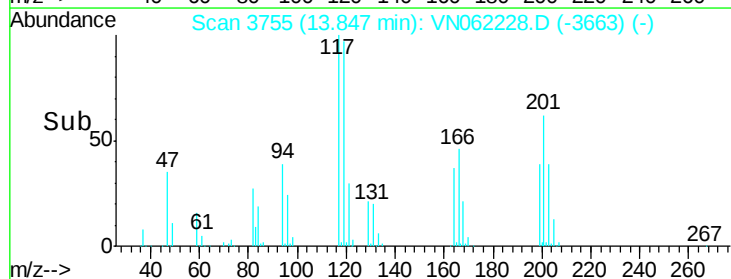
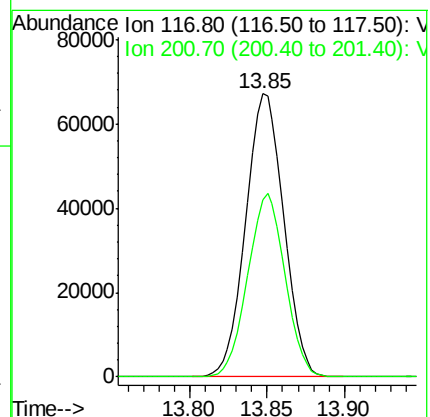
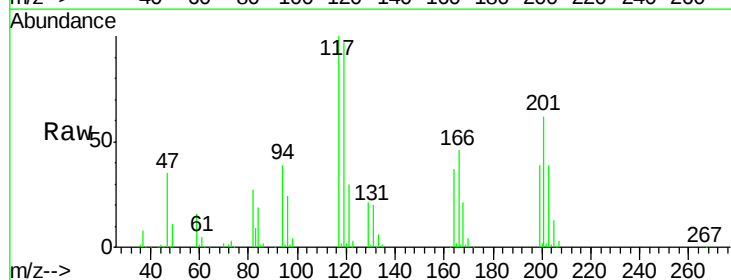
Acq: 30 Jun 2020 8:37

Tgt Ion: 117 Resp: 115319

Ion Ratio Lower Upper

117 100

201 63.3 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 48.959 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

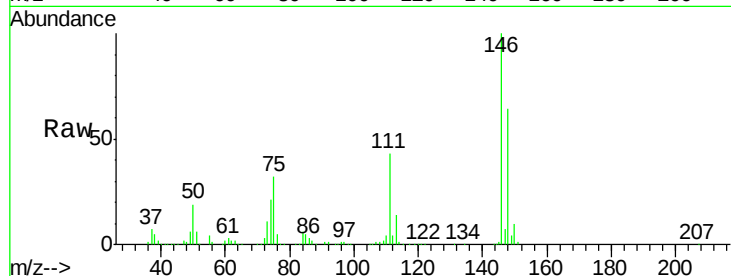
Tgt Ion:146 Resp: 290268

Ion Ratio Lower Upper

146 100

111 43.0 21.2 63.6

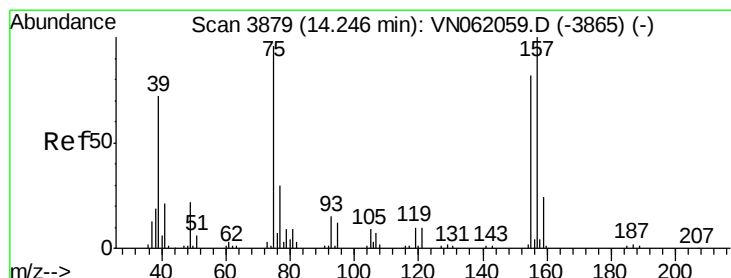
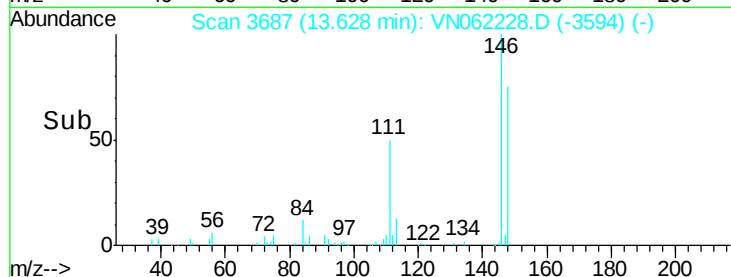
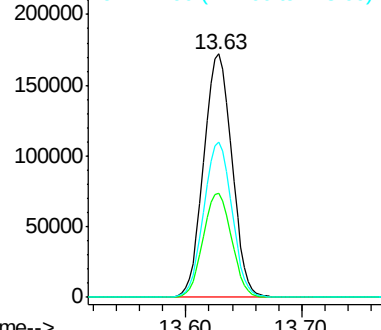
148 63.4 31.9 95.5



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: 55.474 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062228.D

Acq: 30 Jun 2020 8:37

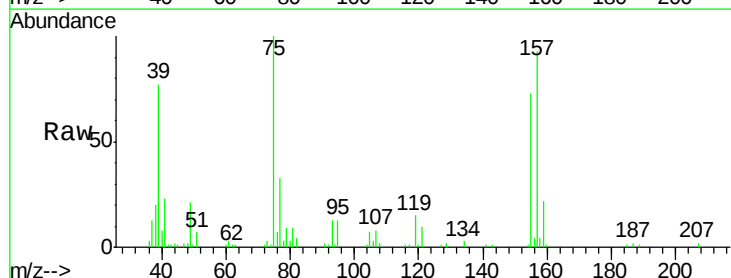
Tgt Ion: 75 Resp: 41474

Ion Ratio Lower Upper

75 100

155 73.7 40.8 122.4

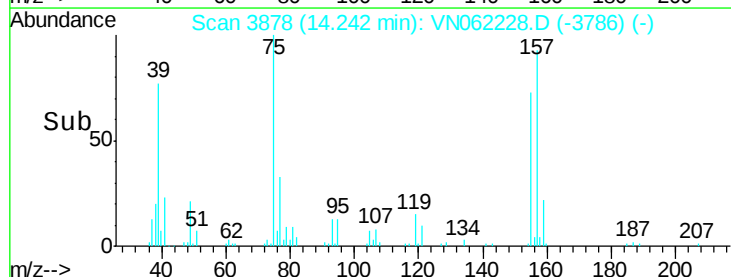
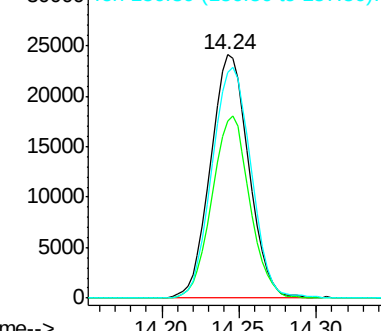
157 96.9 51.4 154.3

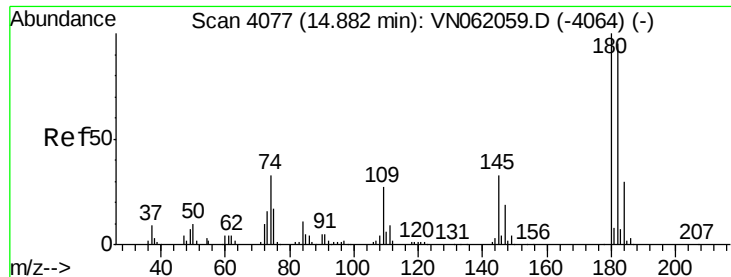


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

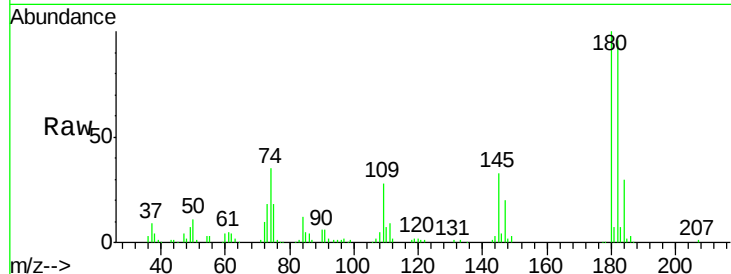




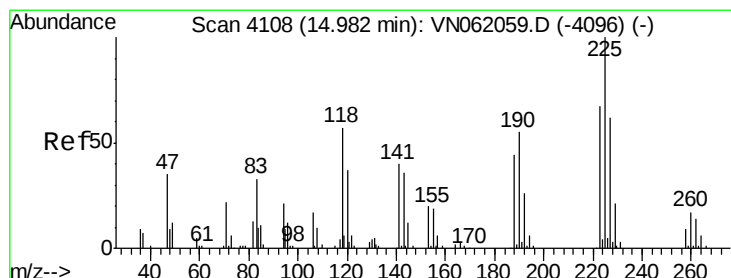
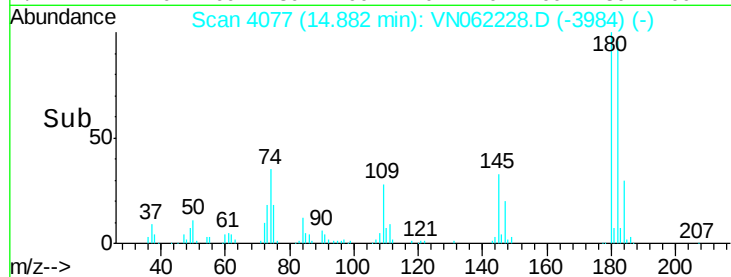
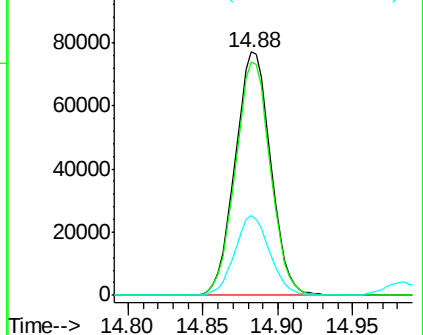
#93
 1,2,4-Trichlorobenzene
 Concen: 49.209 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 127452
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.2
 145 32.2 16.0 48.0

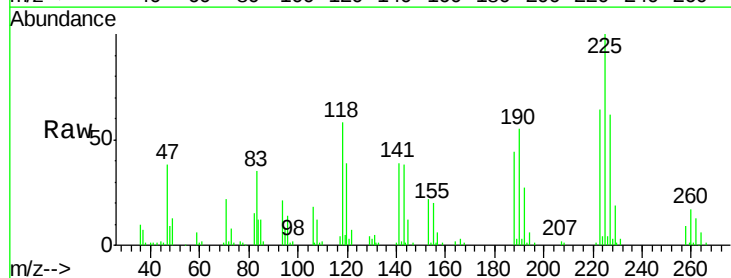


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

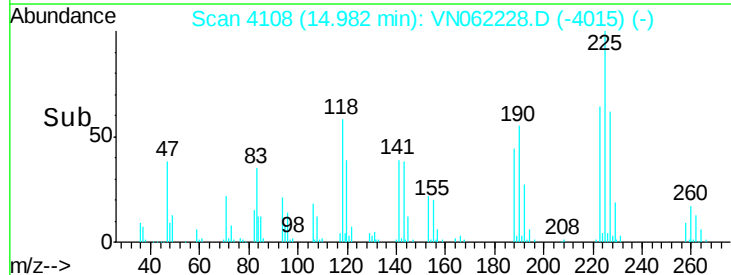
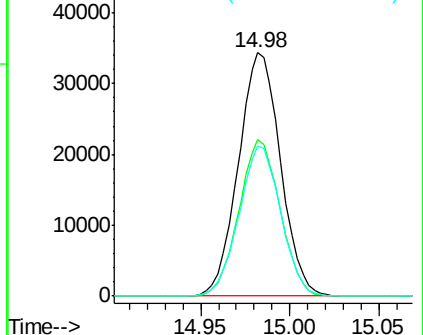


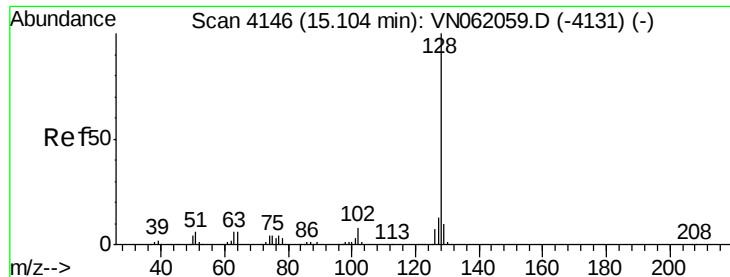
#94
 Hexachlorobutadiene
 Concen: 50.173 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062228.D
 Acq: 30 Jun 2020 8:37

Tgt Ion:225 Resp: 56441
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.9 98.7
 227 61.2 31.3 93.8



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

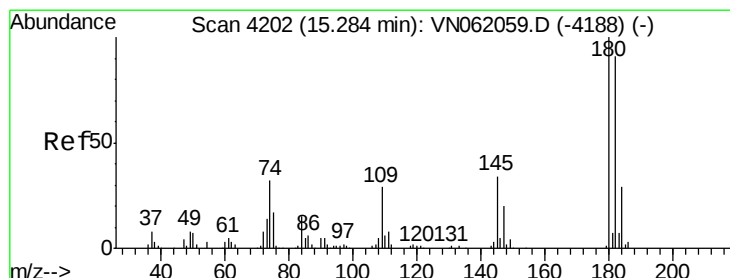
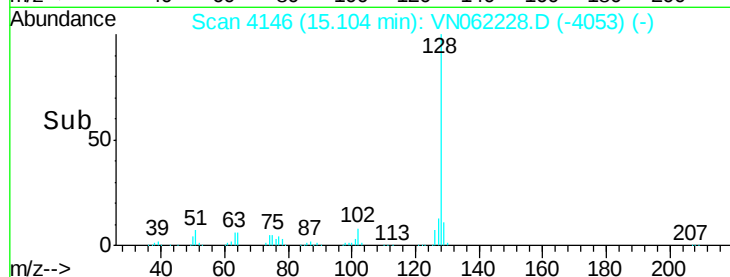
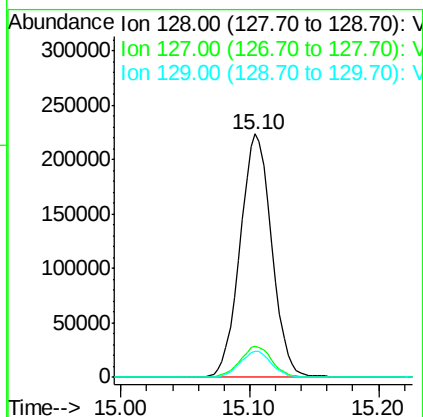
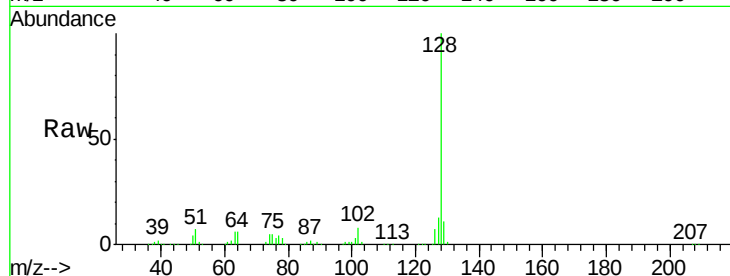




#95
Naphthalene
Concen: 44.663 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 381694
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.999 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062228.D
Acq: 30 Jun 2020 8:37

Tgt Ion:180 Resp: 132415
Ion Ratio Lower Upper
180 100
182 92.7 46.8 140.4
145 32.8 16.4 49.2

