

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062966.D
 Acq On : 15 Aug 2020 4:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 09:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	241871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	120563	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	83505	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.06	98	317528	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.38	95	120433	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102761	47.250	ug/l	99
3) Chloromethane	2.03	50	117385	57.196	ug/l	99
4) Vinyl Chloride	2.16	62	163010	84.683	ug/l	100
5) Bromomethane	2.50	94	84524	66.331	ug/l	99
6) Chloroethane	2.65	64	99378	78.474	ug/l	97
7) Trichlorofluoromethane	2.97	101	216620	63.109	ug/l	100
8) Diethyl Ether	3.37	74	73269	74.564	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.71	101	104624	76.034	ug/l	97
10) Methyl Iodide	3.90	142	130993	78.737	ug/l	94
11) Tert butyl alcohol	4.74	59	121466	295.072	ug/l	99
12) 1,1-Dichloroethene	3.69	96	96768	75.409	ug/l	95
13) Acrolein	3.57	56	107416	430.974	ug/l	99
14) Allyl chloride	4.27	41	194464	73.132	ug/l	91
15) Acrylonitrile	4.93	53	376875	394.726	ug/l	99
16) Acetone	3.78	43	310568	342.207	ug/l	98
17) Carbon Disulfide	4.00	76	258657	70.821	ug/l	99
18) Methyl Acetate	4.28	43	189644	89.237	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	422773	71.847	ug/l	95
20) Methylene Chloride	4.50	84	131378	79.552	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	106826	70.286	ug/l	97
22) Diisopropyl ether	5.90	45	492885	87.072	ug/l	97
23) Vinyl Acetate	5.84	43	1634868	379.707	ug/l	98
24) 1,1-Dichloroethane	5.80	63	245582	74.031	ug/l	99
25) 2-Butanone	6.79	43	482562	375.430	ug/l	93
26) 2,2-Dichloropropane	6.77	77	128816	42.127	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	130141	71.379	ug/l	94
28) Bromochloromethane	7.15	49	79203	49.471	ug/l	98
29) Tetrahydrofuran	7.17	42	186504	223.343	ug/l	98
30) Chloroform	7.33	83	167523	47.519	ug/l	100
31) Cyclohexane	7.61	56	133788	43.935	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145867	46.278	ug/l	97
36) 1,1-Dichloropropene	7.75	75	108944	46.258	ug/l	99
37) Ethyl Acetate	6.88	43	186473	75.797	ug/l	96
38) Carbon Tetrachloride	7.73	117	127998	45.953	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	128261	45.254	ug/l	99
40) Benzene	8.00	78	329014	46.816	ug/l	97
41) Methacrylonitrile	7.16	41	172822	155.677	ug/l #	6
42) 1,2-Dichloroethane	8.08	62	137309	45.905	ug/l	100
43) Isopropyl Acetate	8.13	43	180701	44.036	ug/l	98
44) Trichloroethene	8.80	130	81440	47.565	ug/l	100
45) 1,2-Dichloropropane	9.08	63	93536	49.176	ug/l	99
46) Dibromomethane	9.17	93	60829	48.809	ug/l	97
47) Bromodichloromethane	9.37	83	139367	49.791	ug/l	99
48) Methyl methacrylate	9.17	41	89289	44.239	ug/l	96
49) 1,4-Dioxane	9.17	88	34658	926.713	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	617637	232.631	ug/l	99
52) Toluene	10.12	92	208040	47.945	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	138658	45.036	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	145055	46.925	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	90690	48.937	ug/l	96
56) Ethyl methacrylate	10.40	69	139315	49.944	ug/l	98
57) 1,3-Dichloropropane	10.68	76	153308	48.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	163831	207.783	ug/l	99
59) 2-Hexanone	10.72	43	449264	226.846	ug/l	99
60) Dibromochloromethane	10.88	129	106333	50.280	ug/l	98
61) 1,2-Dibromoethane	10.98	107	89087	48.717	ug/l	99
64) Tetrachloroethene	10.61	164	71487	48.350	ug/l	95
65) Chlorobenzene	11.41	112	233364	48.717	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	94506	49.129	ug/l	99
67) Ethyl Benzene	11.48	91	418712	48.847	ug/l	98
68) m/p-Xylenes	11.60	106	315661	101.446	ug/l	97
69) o-Xylene	11.92	106	151378	51.913	ug/l	99
70) Styrene	11.94	104	270468	52.768	ug/l	98
71) Bromoform	12.10	173	77233	49.072	ug/l #	99
73) Isopropylbenzene	12.22	105	421925	46.631	ug/l	99
74) N-amyl acetate	12.05	43	165193	45.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136218	42.766	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	179705	55.453	ug/l #	100
77) Bromobenzene	12.50	156	106183	47.230	ug/l	90
78) n-propylbenzene	12.57	91	489362	46.074	ug/l	99
79) 2-Chlorotoluene	12.65	91	300074	45.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	381847	48.644	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	41003	38.625	ug/l	99
82) 4-Chlorotoluene	12.75	91	319534	46.553	ug/l	99
83) tert-Butylbenzene	12.97	119	315344	47.476	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	376175	50.092	ug/l	100
85) sec-Butylbenzene	13.15	105	415206	47.601	ug/l	99
86) p-Isopropyltoluene	13.26	119	375483	48.496	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	190980	47.551	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	187348	46.508	ug/l	98
89) n-Butylbenzene	13.59	91	298597	45.600	ug/l	100
90) Hexachloroethane	13.85	117	72991	43.736	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	184012	48.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29205	42.709	ug/l	96

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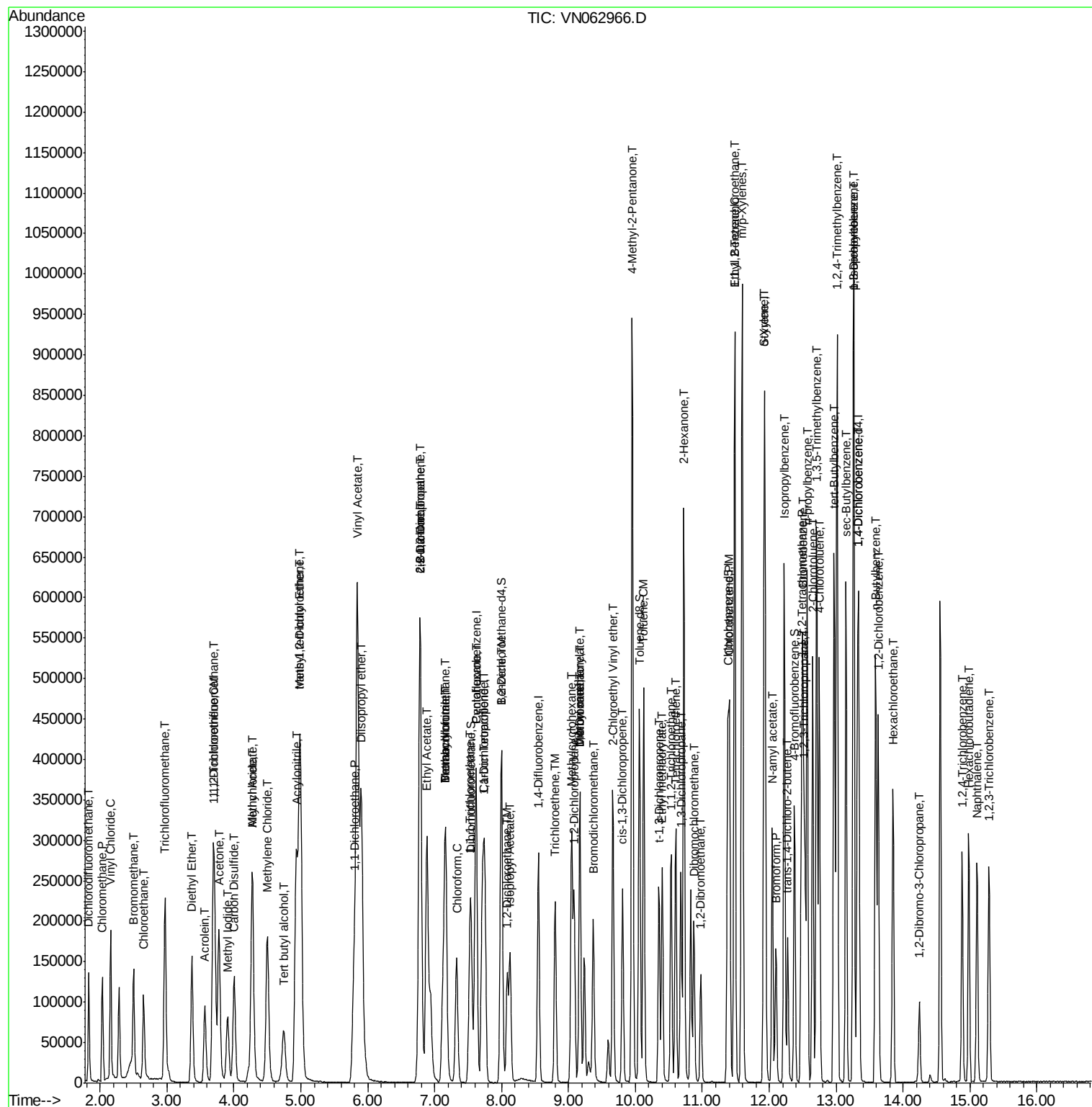
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90469	45.087	ug/l	96
94) Hexachlorobutadiene	14.98	225	58979	49.757	ug/l	98
95) Naphthalene	15.10	128	229242	42.130	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88833	44.867	ug/l	100

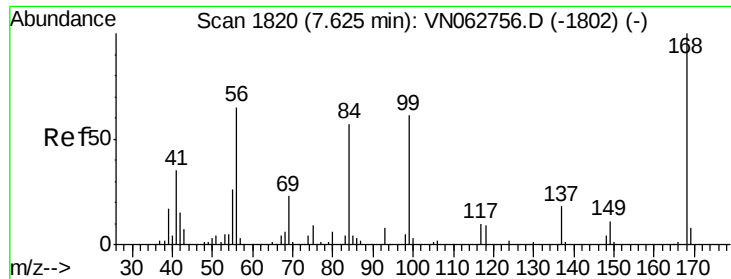
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

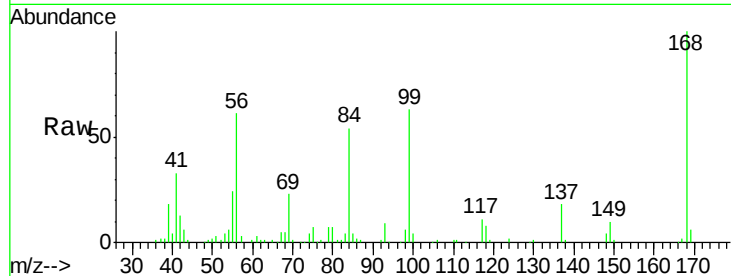
VSTDCCC050EC

Tgt Ion:168 Resp: 151880

Ion Ratio Lower Upper

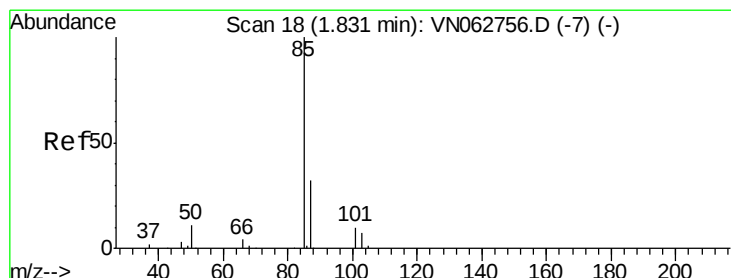
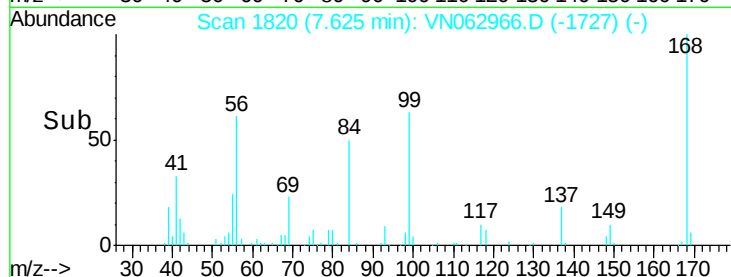
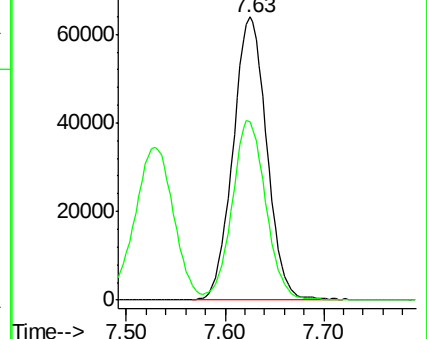
168 100

99 62.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.250 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062966.D

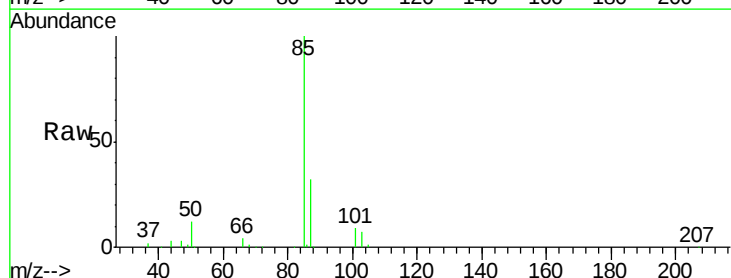
Acq: 15 Aug 2020 4:37

Tgt Ion: 85 Resp: 102761

Ion Ratio Lower Upper

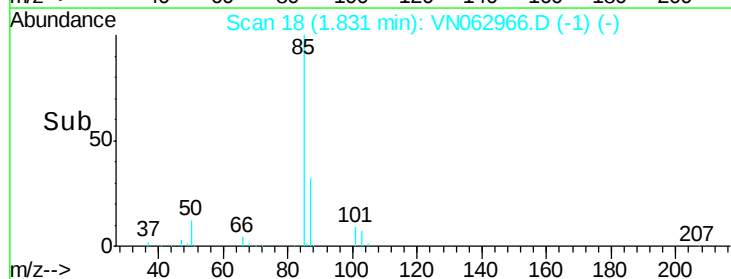
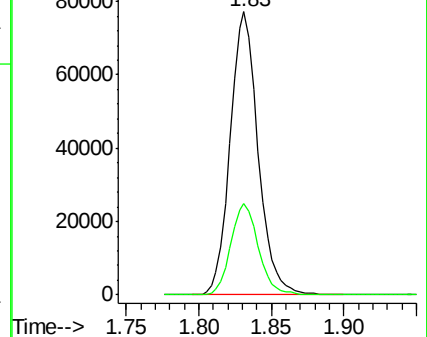
85 100

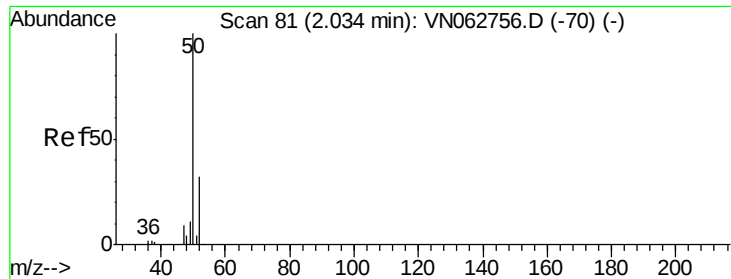
87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 57.196 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

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ClientSampleId :

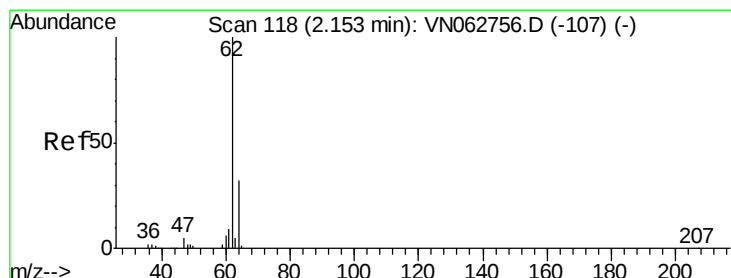
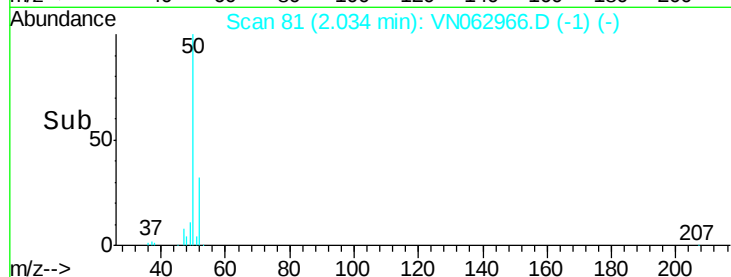
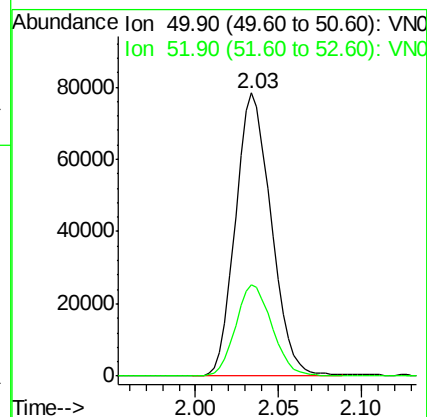
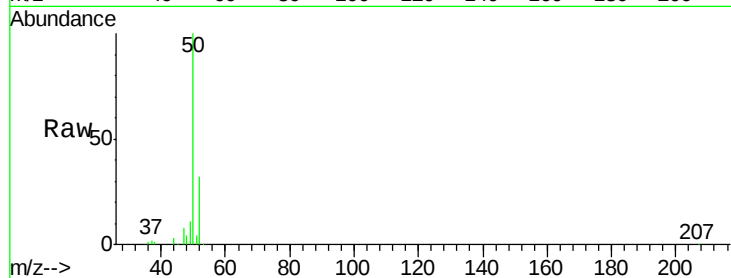
VSTDCCC050EC

Tgt Ion: 50 Resp: 117385

Ion Ratio Lower Upper

50 100

52 32.5 25.6 38.4



#4

Vinyl Chloride

Concen: 84.683 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.01 min

Lab File: VN062966.D

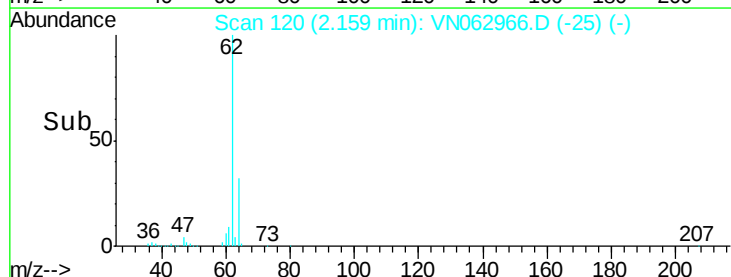
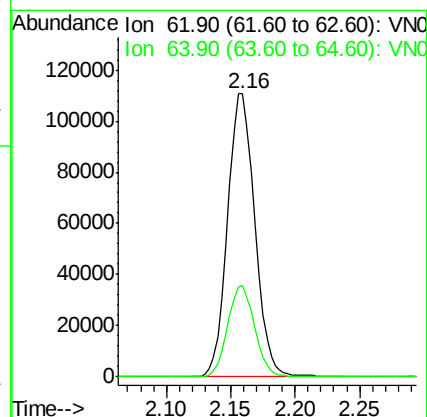
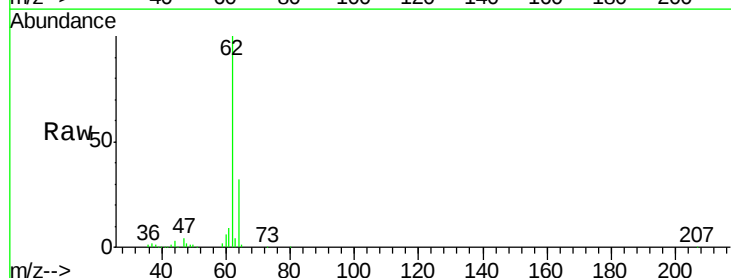
Acq: 15 Aug 2020 4:37

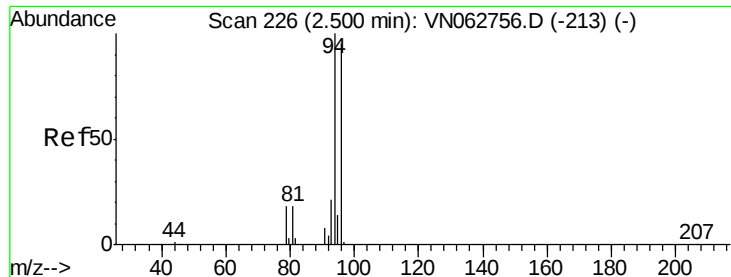
Tgt Ion: 62 Resp: 163010

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 66.331 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

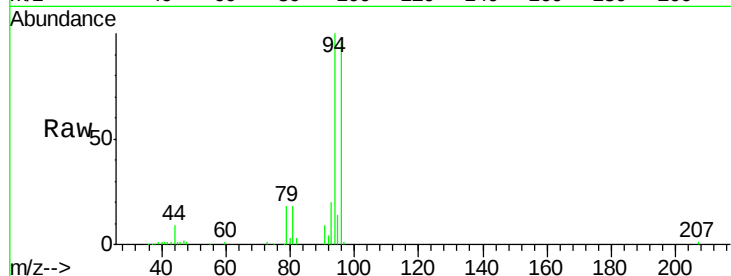
VSTDCCC050EC

Tgt Ion: 94 Resp: 84524

Ion Ratio Lower Upper

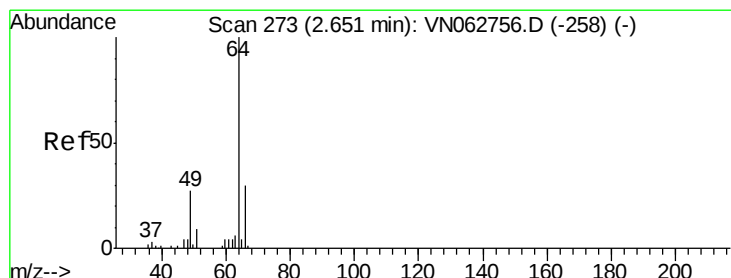
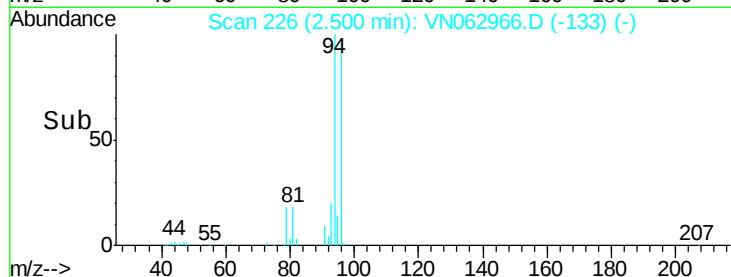
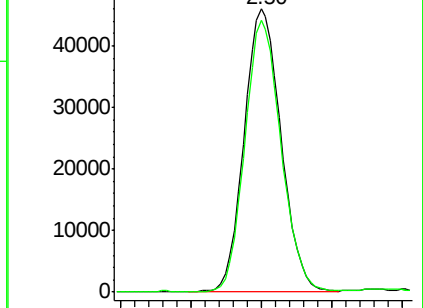
94 100

96 95.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062966.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062966.D (-133) (-)



#6

Chloroethane

Concen: 78.474 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062966.D

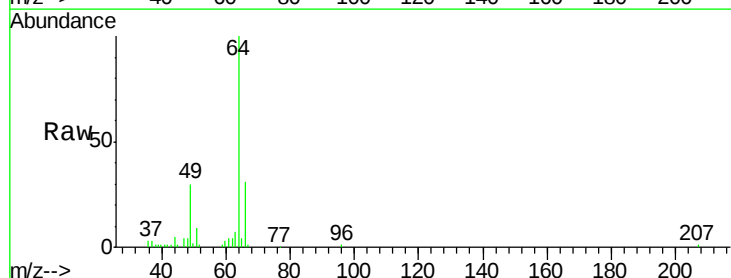
Acq: 15 Aug 2020 4:37

Tgt Ion: 64 Resp: 99378

Ion Ratio Lower Upper

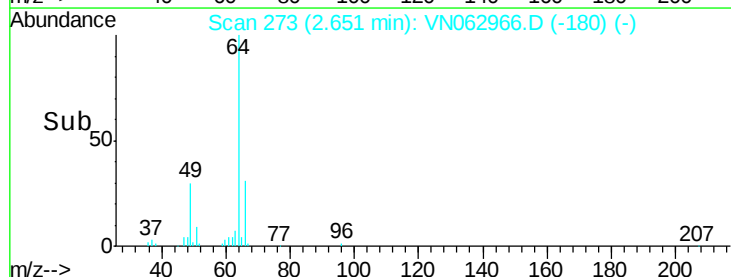
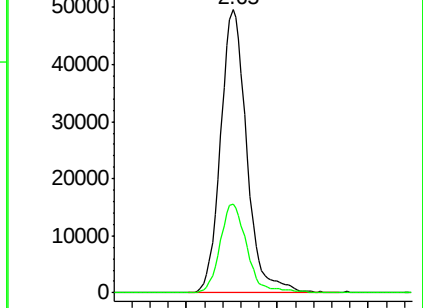
64 100

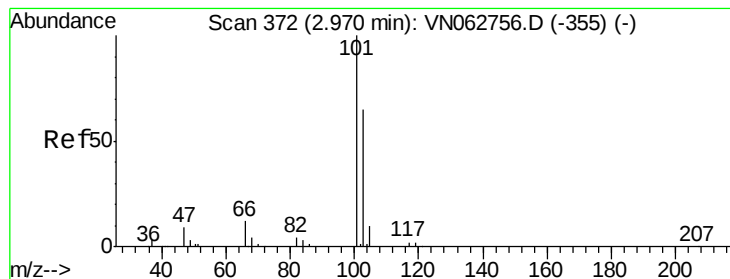
66 31.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062966.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062966.D (-180) (-)



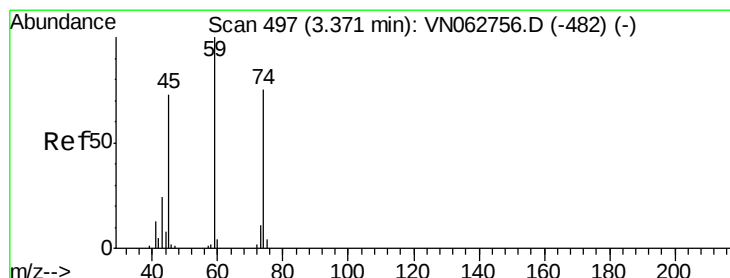
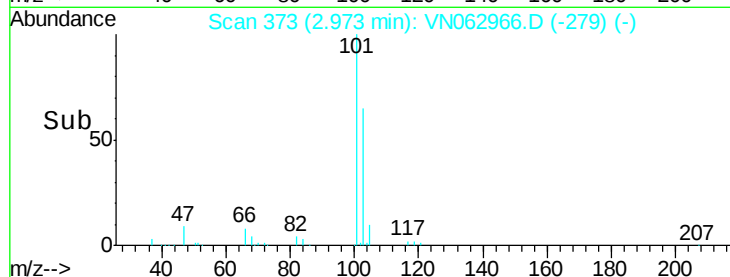
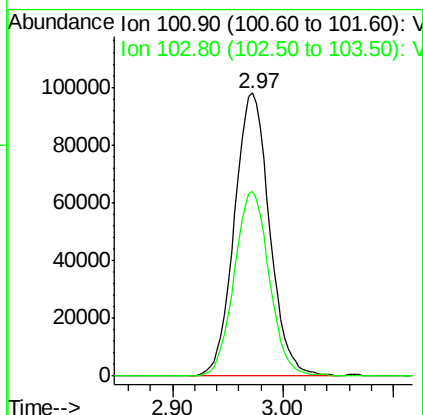
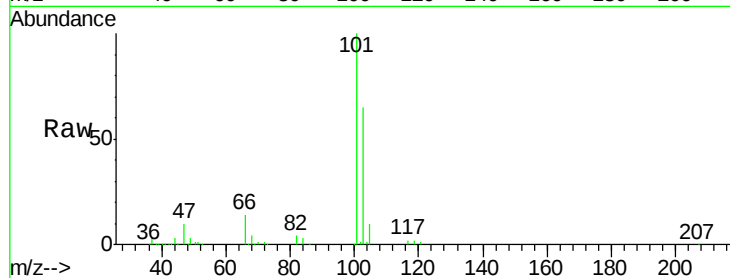


#7

Trichlorofluoromethane
Concen: 63.109 ug/l
RT: 2.97 min Scan# 373
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
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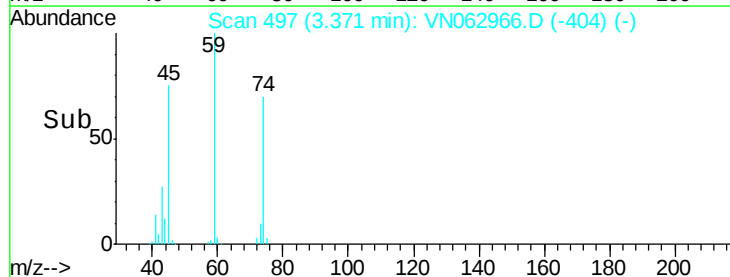
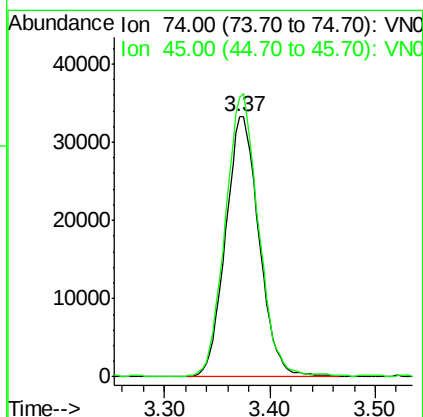
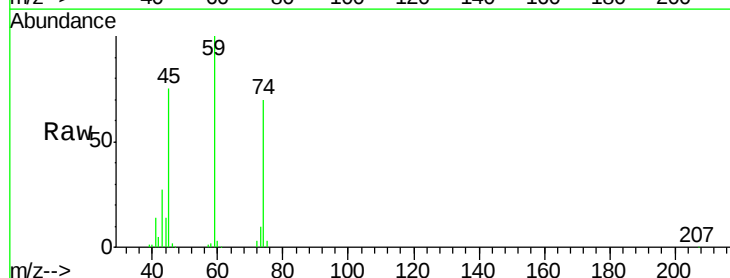
Tgt Ion:101 Resp: 216620
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

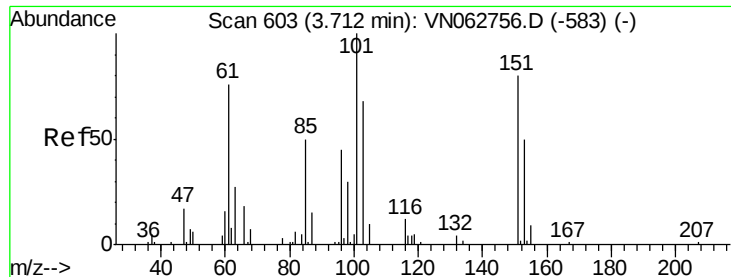


#8

Diethyl Ether
Concen: 74.564 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 74 Resp: 73269
Ion Ratio Lower Upper
74 100
45 108.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 76.034 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

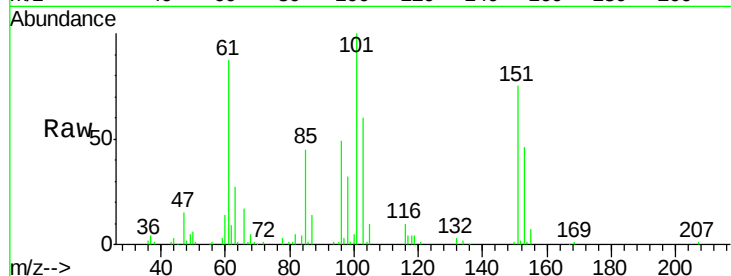
Tgt Ion:101 Resp: 104624

Ion Ratio Lower Upper

101 100

85 44.2 38.5 57.7

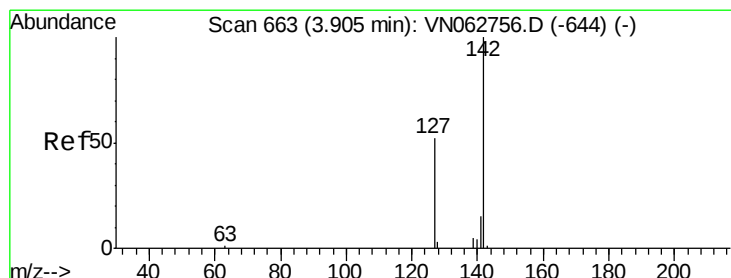
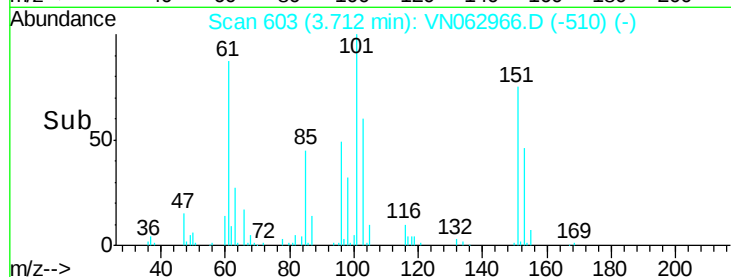
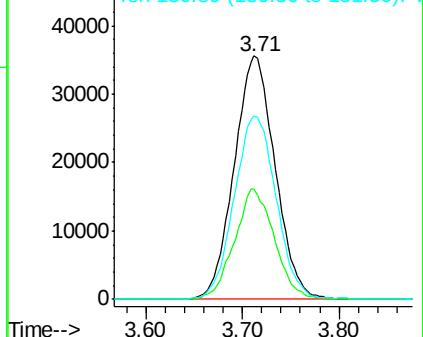
151 77.2 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 78.737 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

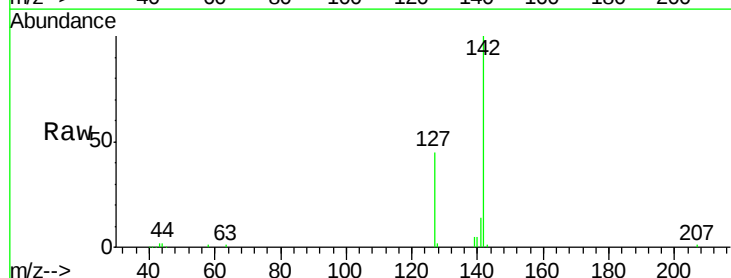
Tgt Ion:142 Resp: 130993

Ion Ratio Lower Upper

142 100

127 46.2 41.4 62.0

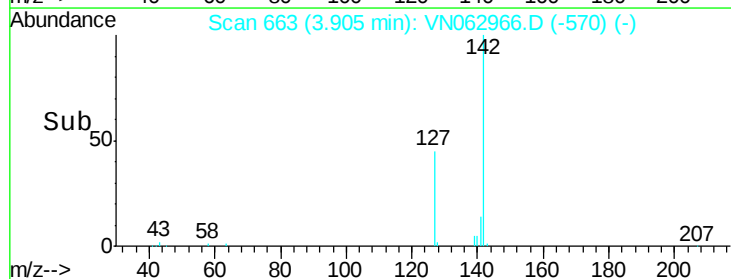
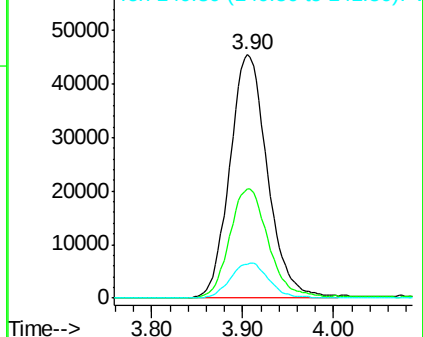
141 14.8 12.2 18.4

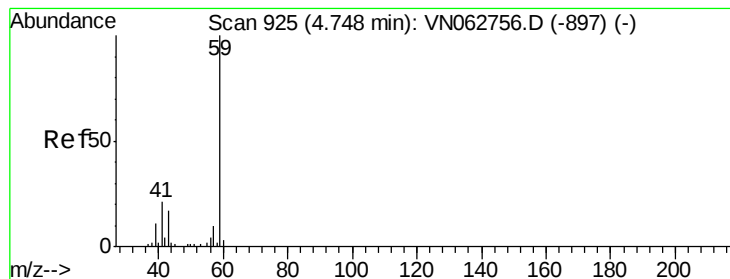


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



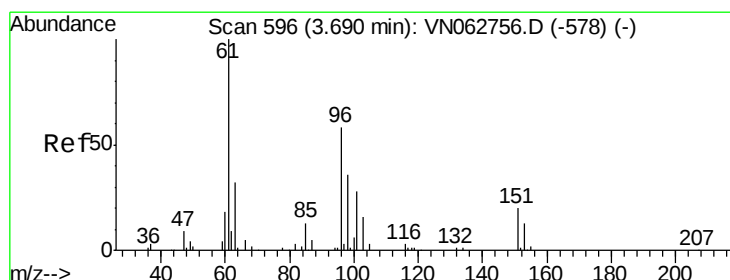
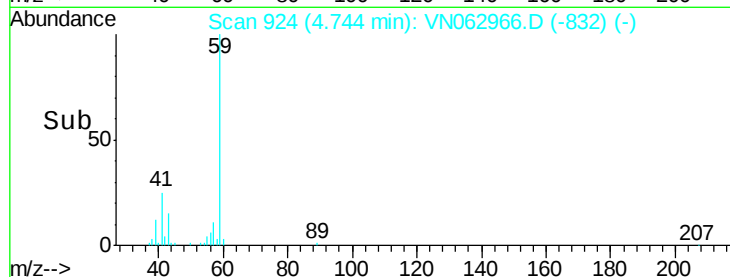
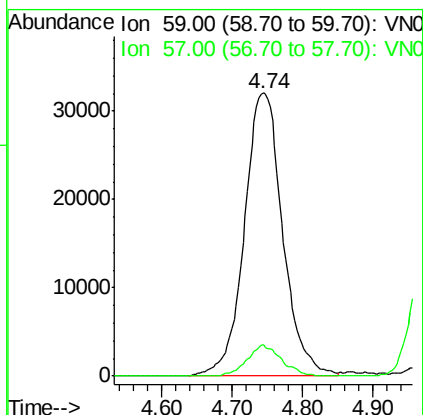
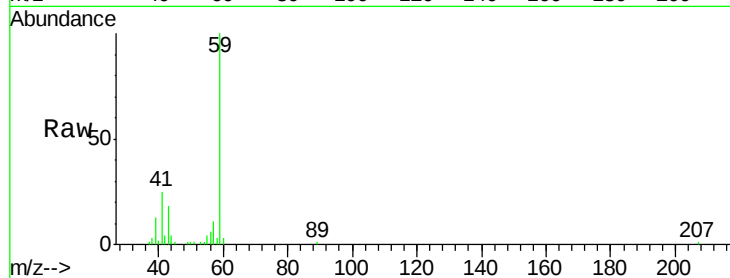


#11

Tert butyl alcohol
 Concen: 295.072 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

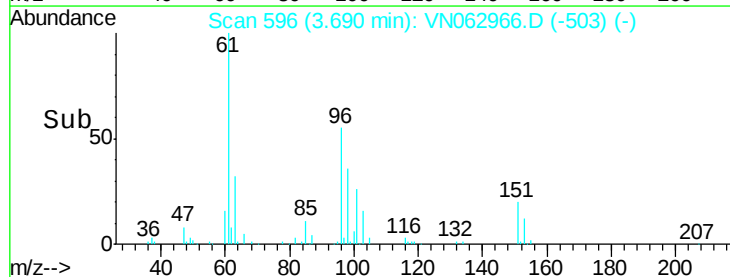
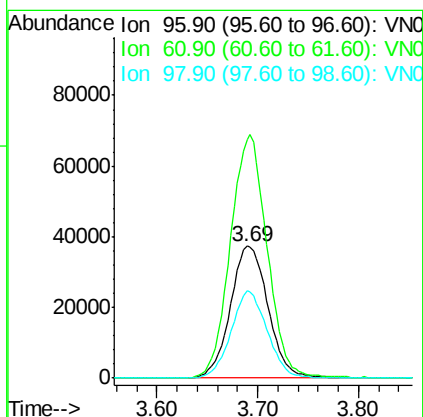
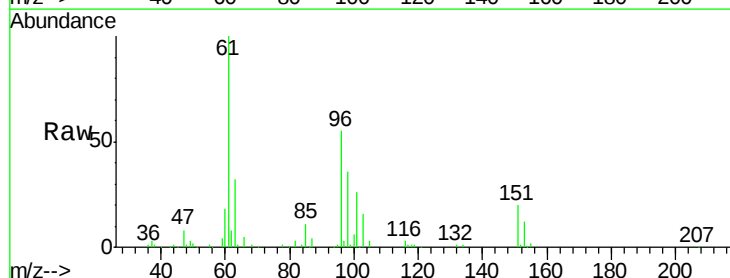
Tgt Ion: 59 Resp: 121466
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

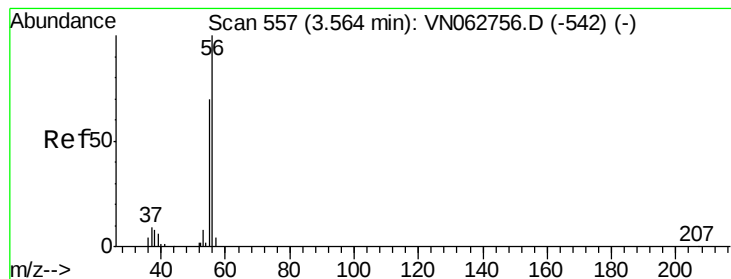


#12

1,1-Dichloroethene
 Concen: 75.409 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 96 Resp: 96768
 Ion Ratio Lower Upper
 96 100
 61 181.4 139.0 208.6
 98 66.0 50.2 75.4





#13

Acrolein

Concen: 430.974 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

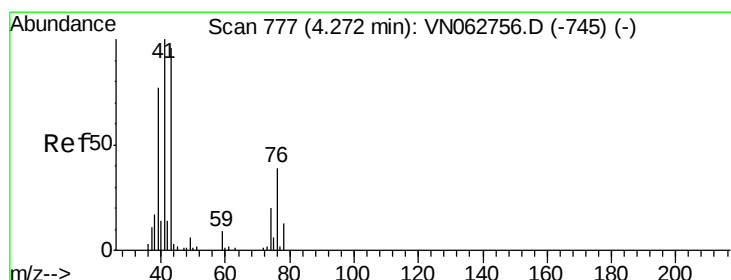
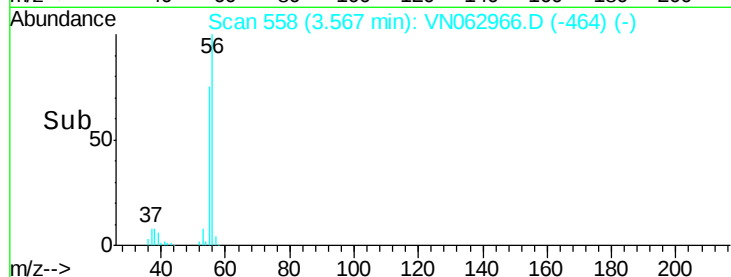
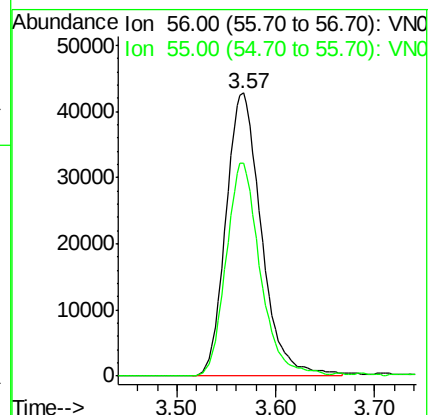
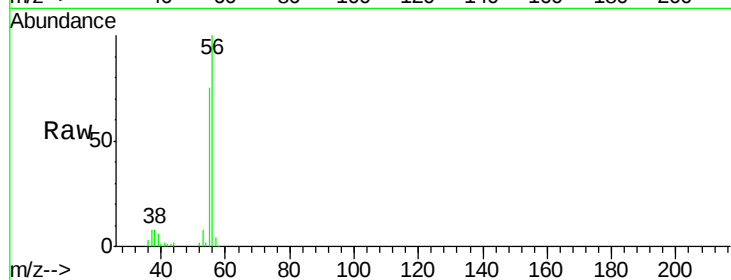
VSTDCCC050EC

Tgt Ion: 56 Resp: 107416

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.6



#14

Allyl chloride

Concen: 73.132 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

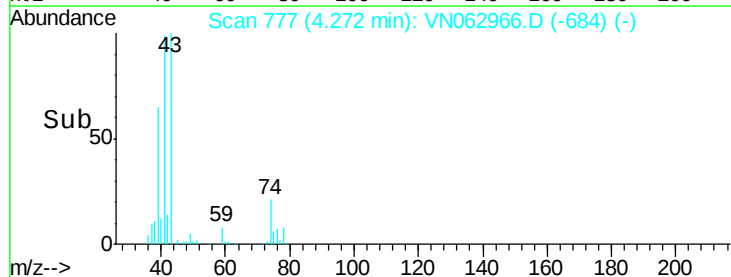
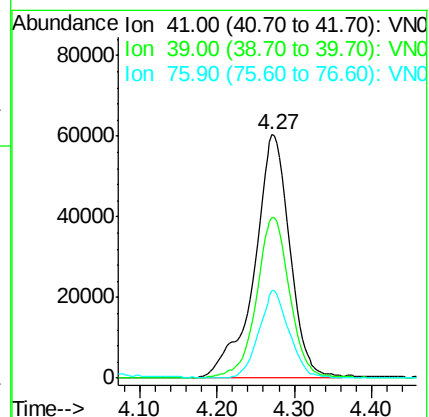
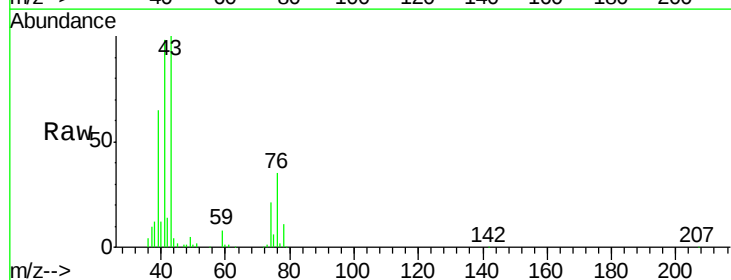
Tgt Ion: 41 Resp: 194464

Ion Ratio Lower Upper

41 100

39 61.8 55.7 83.5

76 29.8 27.5 41.3





#15

Acrylonitrile

Concen: 394.726 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

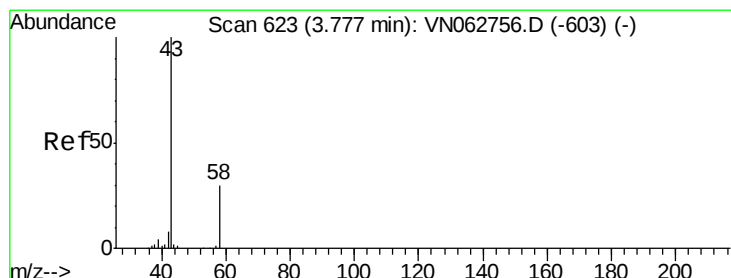
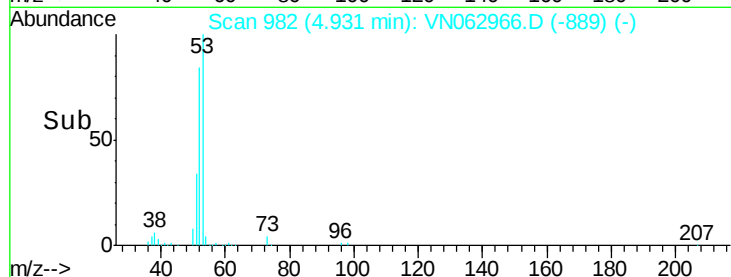
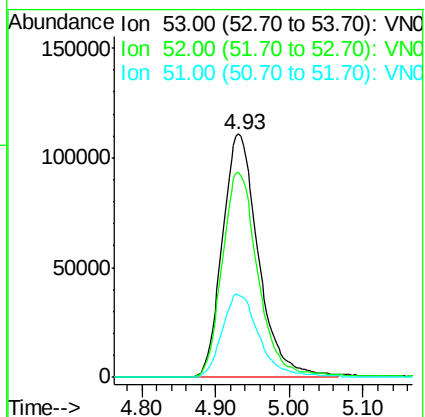
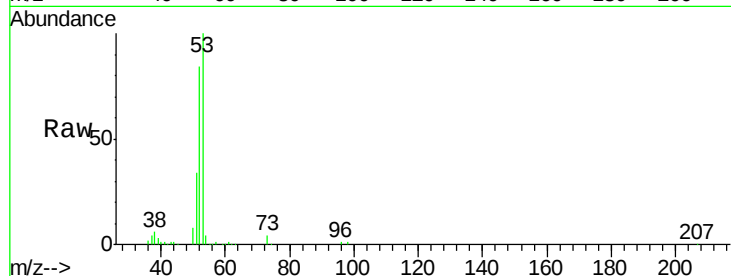
Tgt Ion: 53 Resp: 376875

Ion Ratio Lower Upper

53 100

52 83.0 66.8 100.2

51 35.5 29.5 44.3



#16

Acetone

Concen: 342.207 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062966.D

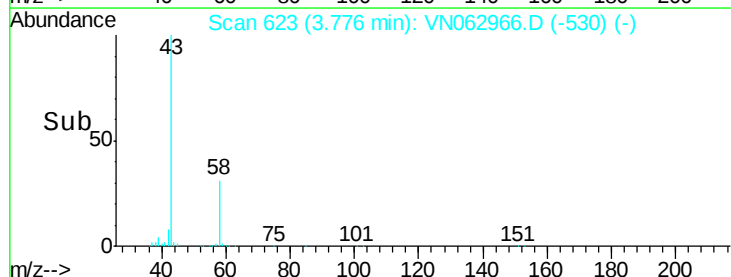
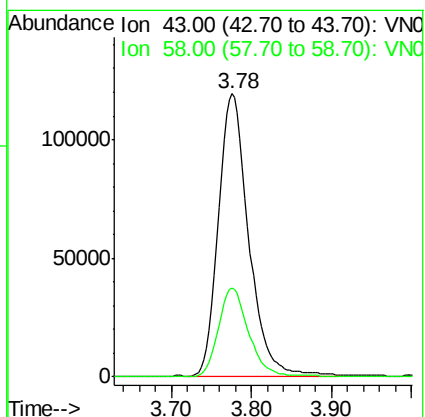
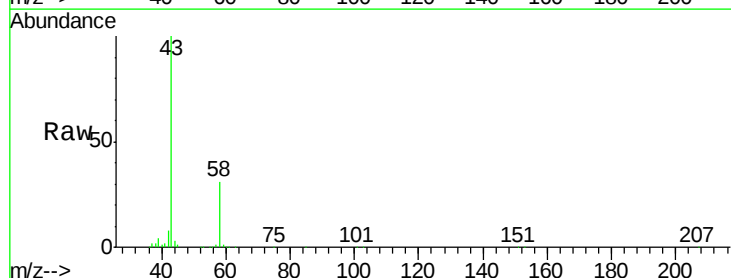
Acq: 15 Aug 2020 4:37

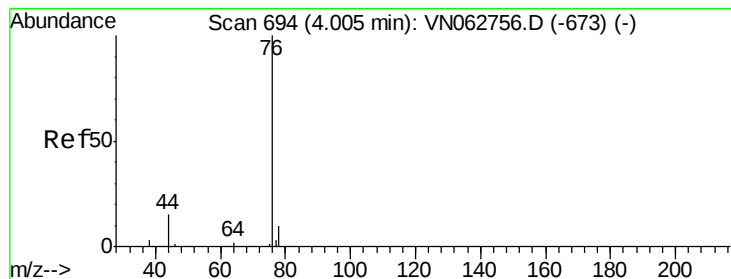
Tgt Ion: 43 Resp: 310568

Ion Ratio Lower Upper

43 100

58 31.4 24.1 36.1





#17

Carbon Disulfide

Concen: 70.821 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

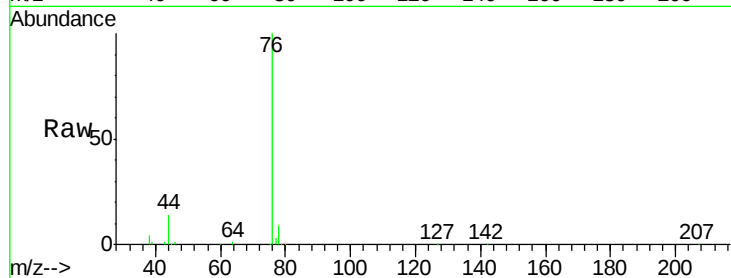
VSTDCCC050EC

Tgt Ion: 76 Resp: 258657

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN062756.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062756.D (-673) (-)

4.00

100000

80000

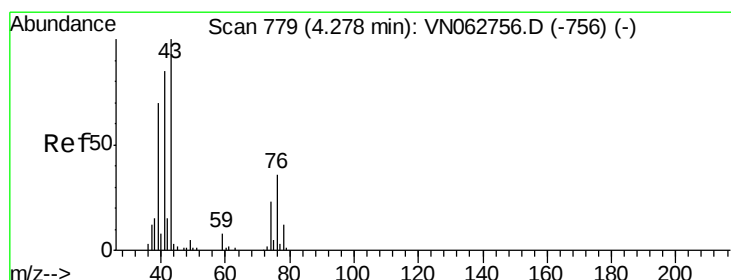
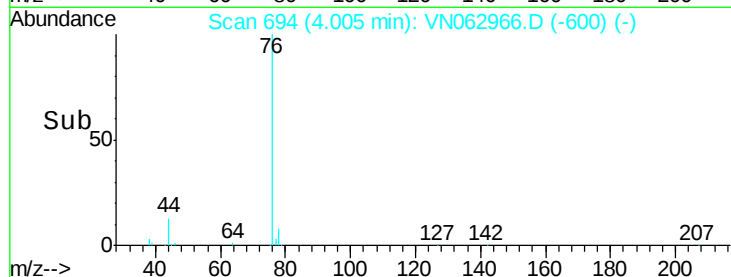
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 89.237 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062966.D

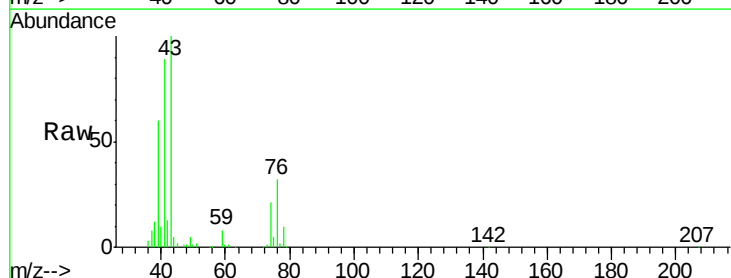
Acq: 15 Aug 2020 4:37

Tgt Ion: 43 Resp: 189644

Ion Ratio Lower Upper

43 100

74 21.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-756) (-)

Ion 74.00 (73.70 to 74.70): VN062756.D (-756) (-)

4.28

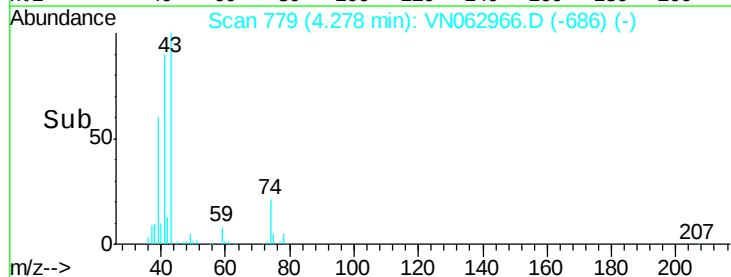
60000

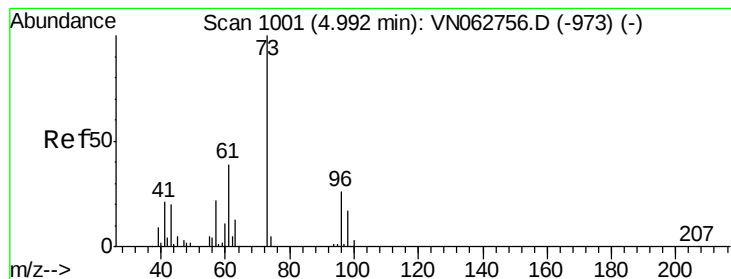
40000

20000

0

Time-->



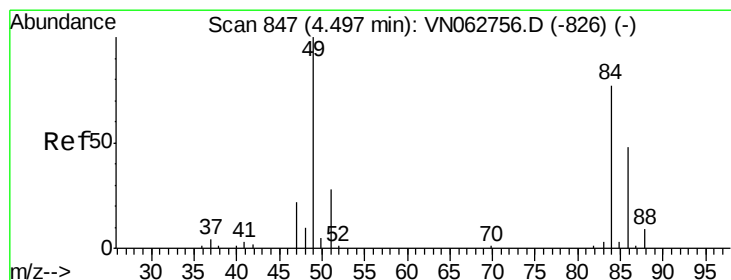
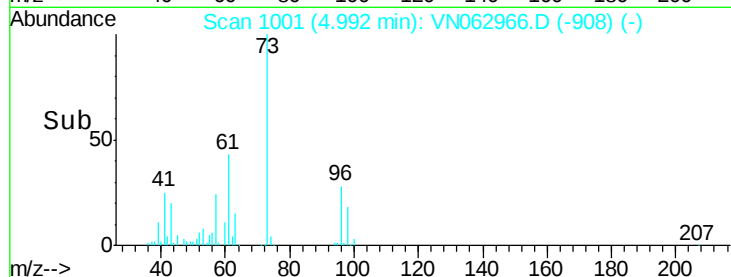
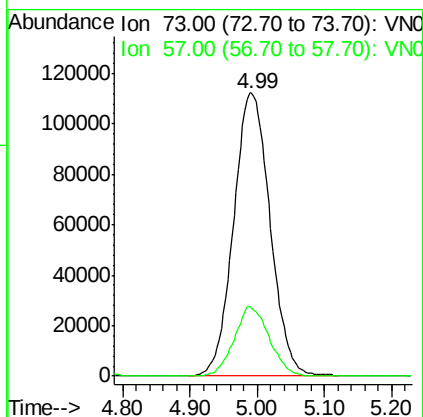
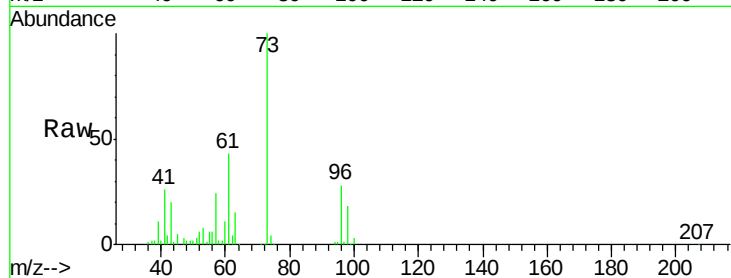


#19

Methyl tert-butyl Ether
 Concen: 71.847 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

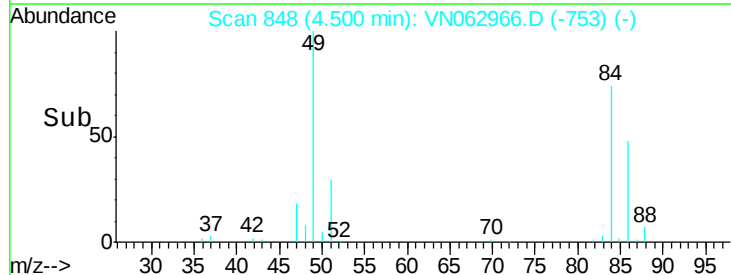
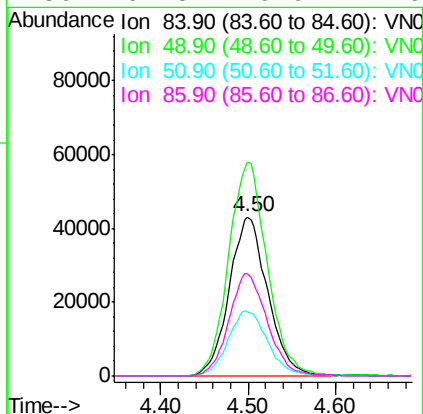
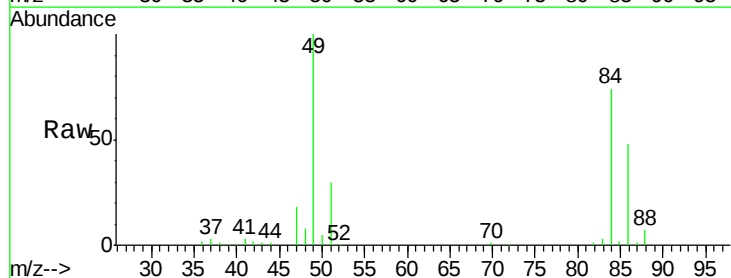
Tgt Ion: 73 Resp: 422773
 Ion Ratio Lower Upper
 73 100
 57 24.2 17.5 26.3

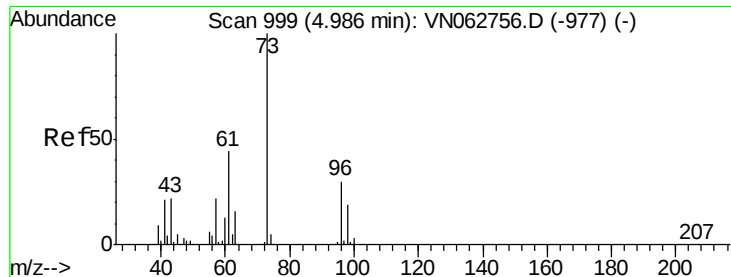


#20

Methylene Chloride
 Concen: 79.552 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 84 Resp: 131378
 Ion Ratio Lower Upper
 84 100
 49 134.0 103.4 155.2
 51 40.5 29.3 43.9
 86 64.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 70.286 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

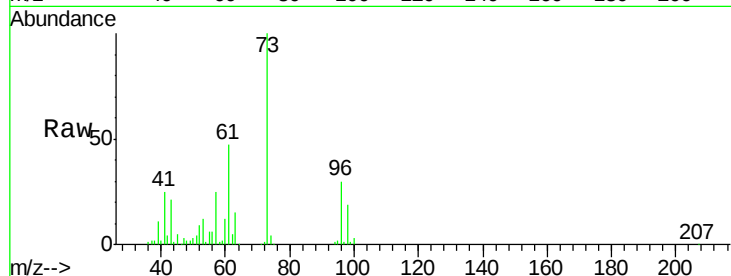
Tgt Ion: 96 Resp: 106826

Ion Ratio Lower Upper

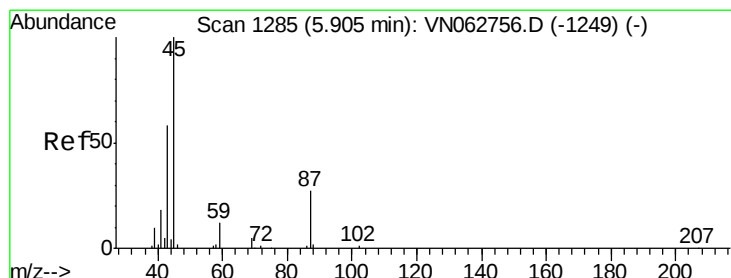
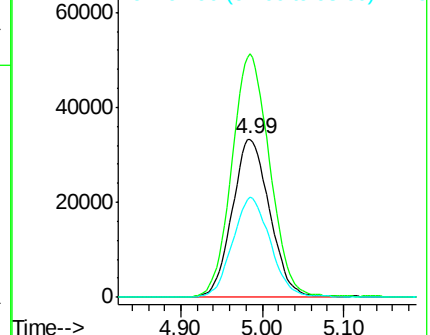
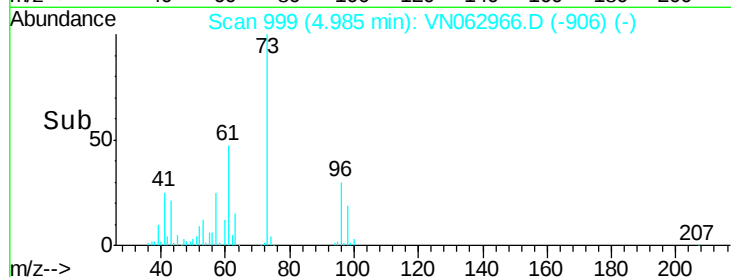
96 100

61 153.6 118.8 178.2

98 63.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062966.D (-906) (-)



#22

Diisopropyl ether

Concen: 87.072 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion: 45 Resp: 492885

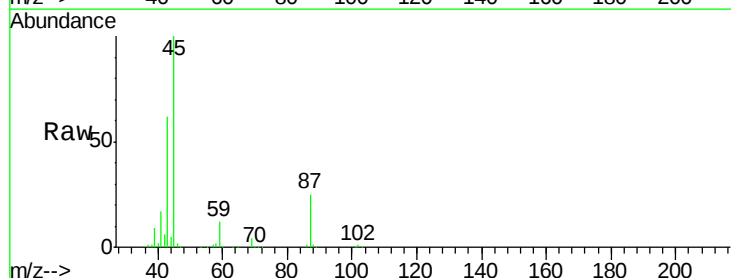
Ion Ratio Lower Upper

45 100

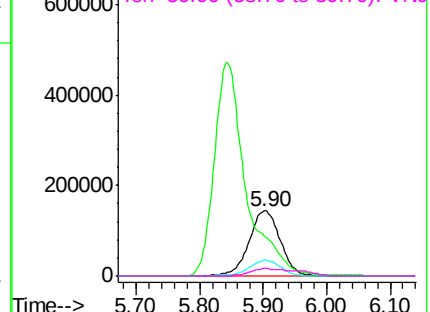
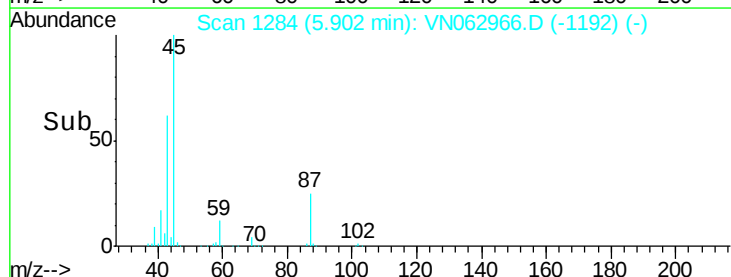
43 60.8 47.4 71.2

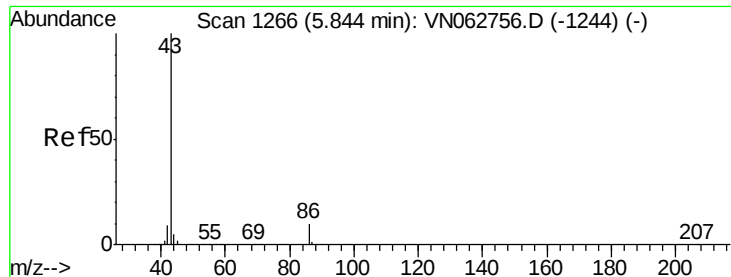
87 25.0 22.8 34.2

59 11.6 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN062966.D (-1192) (-)





#23

Vinyl Acetate

Concen: 379.707 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

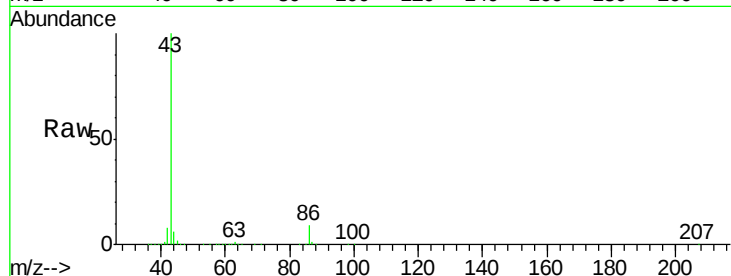
VSTDCCC050EC

Tgt Ion: 43 Resp: 1634868

Ion Ratio Lower Upper

43 100

86 9.0 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

500000

400000

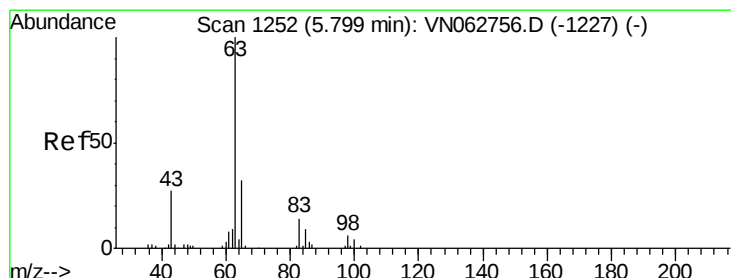
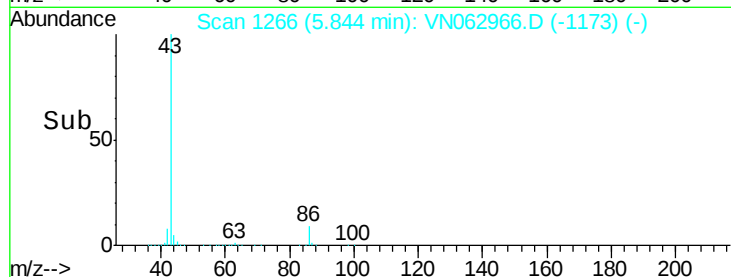
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 74.031 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

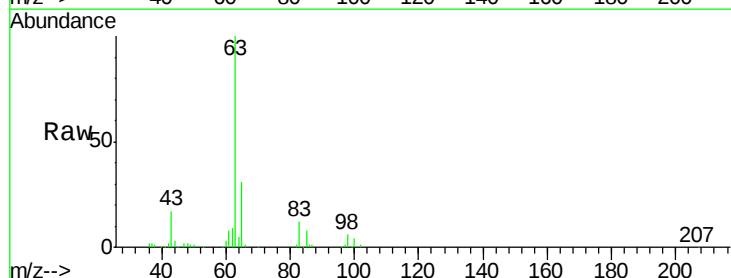
Tgt Ion: 63 Resp: 245582

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.80

100000

80000

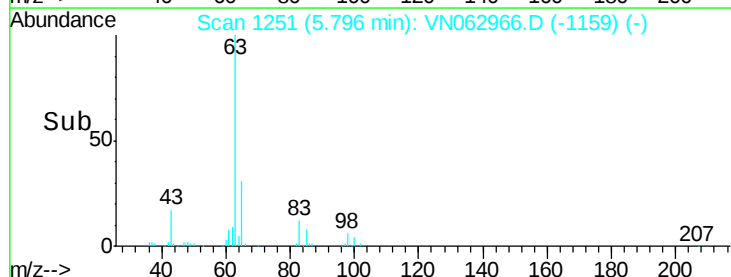
60000

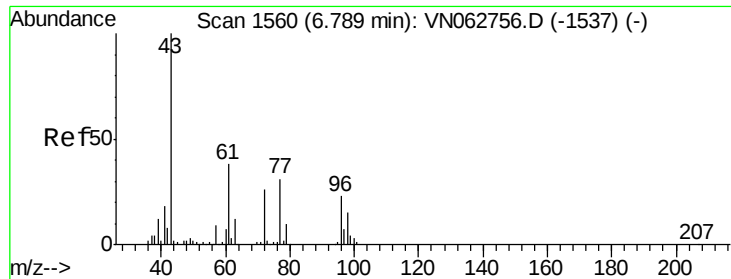
40000

20000

0

Time-->





#25

2-Butanone

Concen: 375.430 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

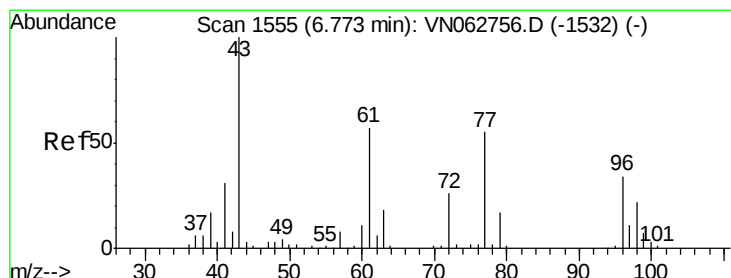
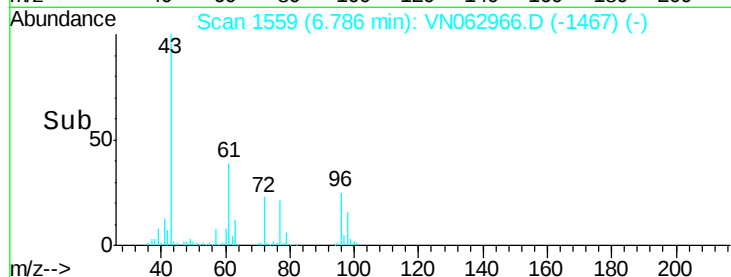
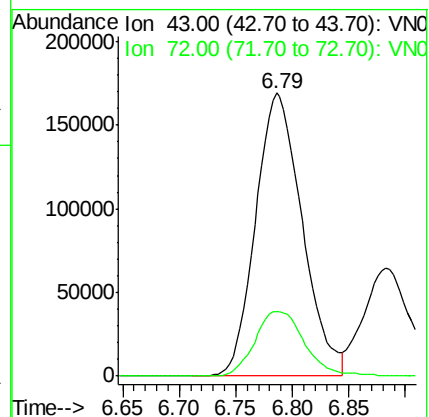
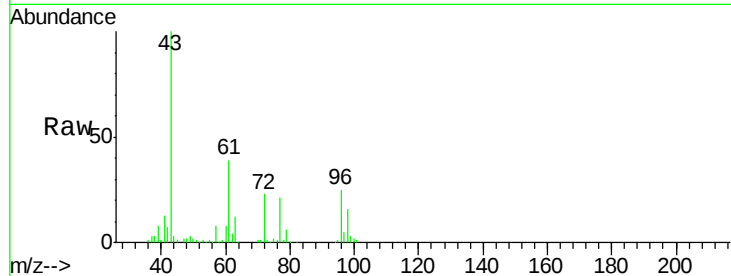
VSTDCCC050EC

Tgt Ion: 43 Resp: 482562

Ion Ratio Lower Upper

43 100

72 22.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 42.127 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062966.D

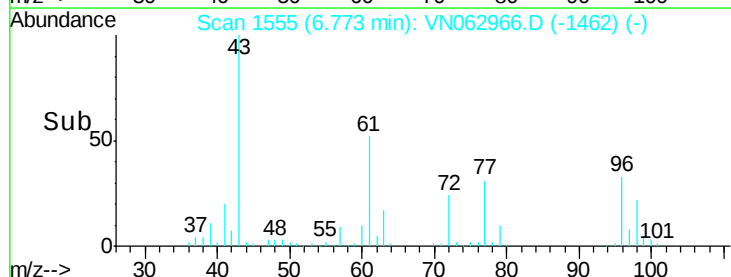
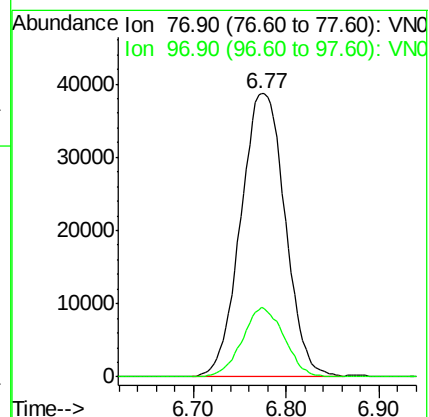
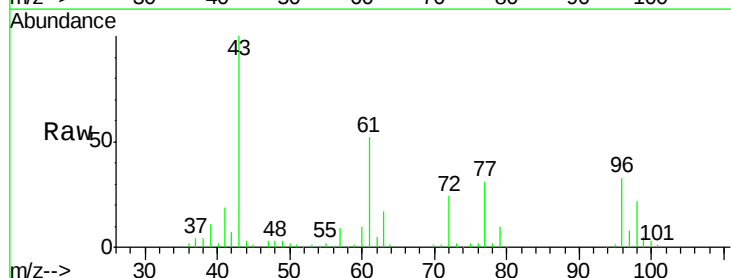
Acq: 15 Aug 2020 4:37

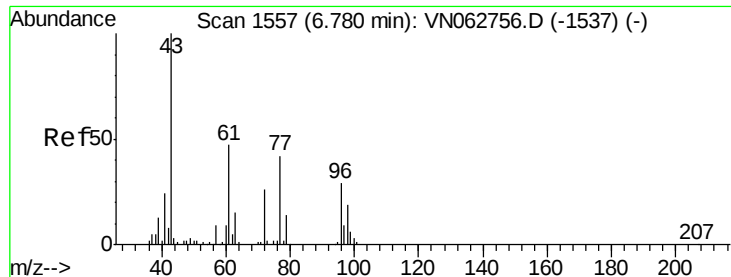
Tgt Ion: 77 Resp: 128816

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 71.379 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

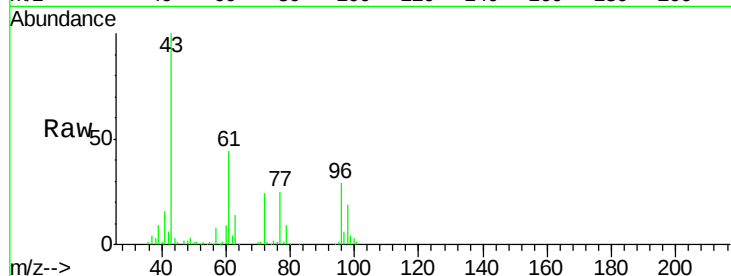
Tgt Ion: 96 Resp: 130141

Ion Ratio Lower Upper

96 100

61 154.8 0.0 332.2

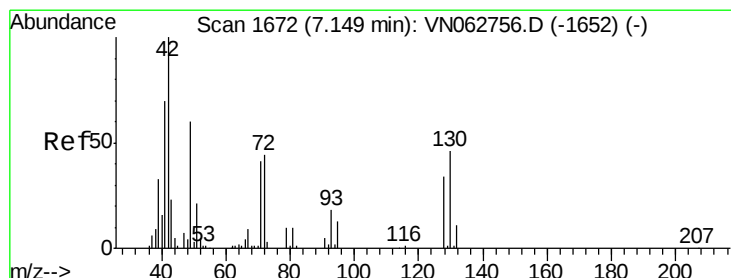
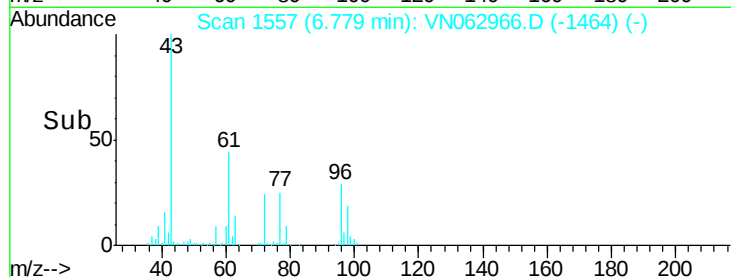
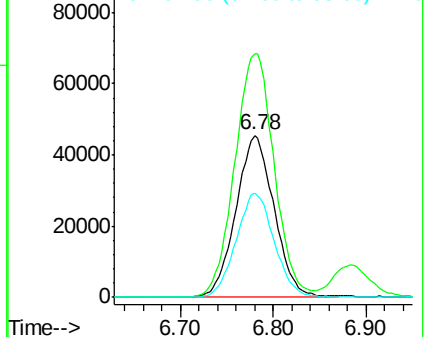
98 64.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062966.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062966.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062966.D (-1464) (-)



#28

Bromochloromethane

Concen: 49.471 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

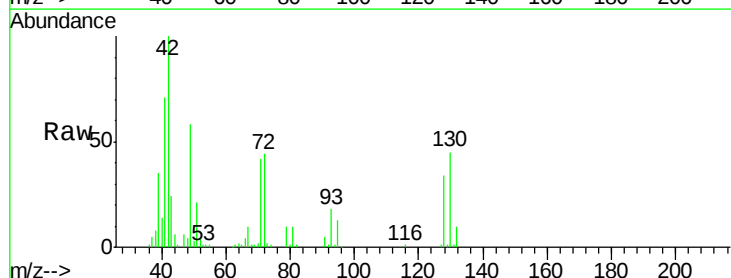
Tgt Ion: 49 Resp: 79203

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.2

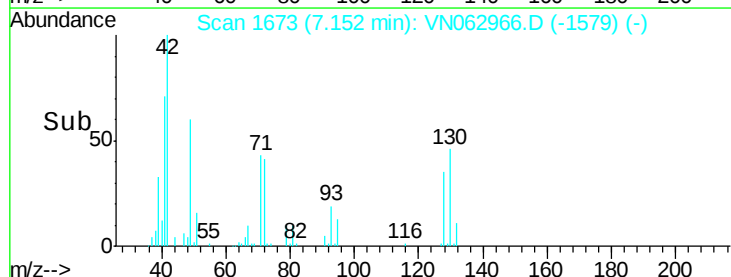
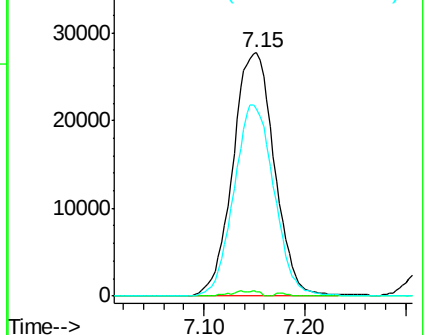
130 75.6 59.0 88.6

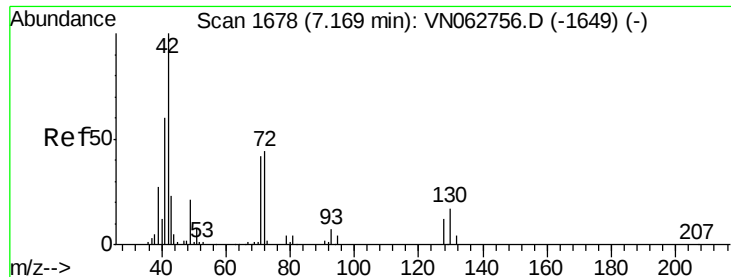


Abundance Ion 48.90 (48.60 to 49.60): VN062966.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062966.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062966.D (-1579) (-)

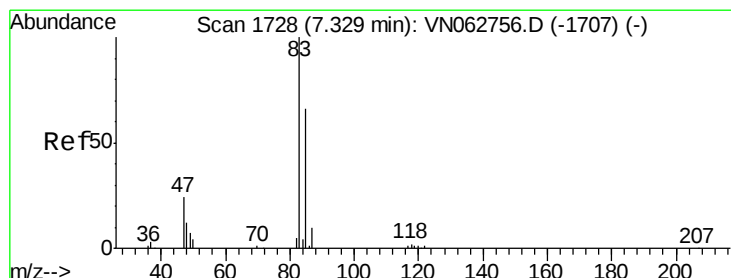
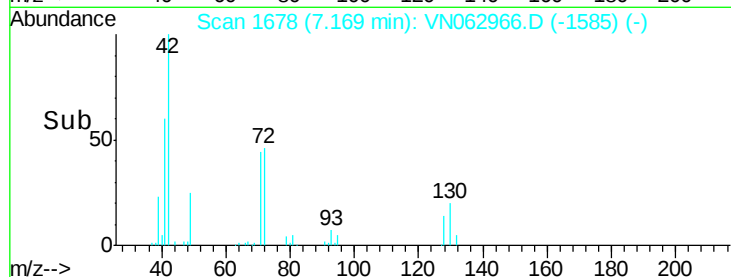
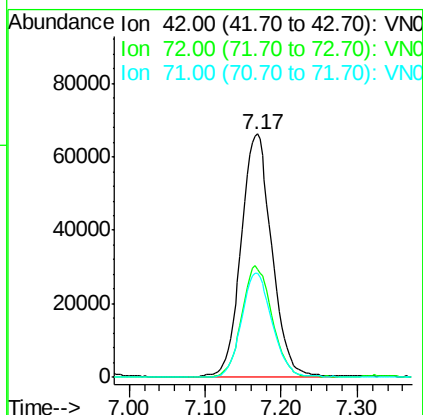
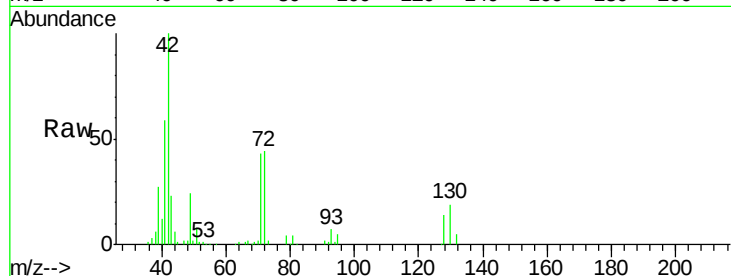




#29
Tetrahydrofuran
Concen: 223.343 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

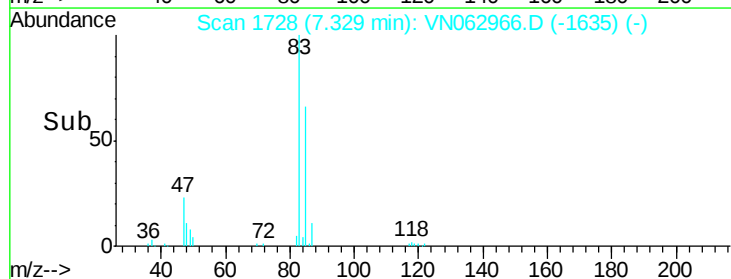
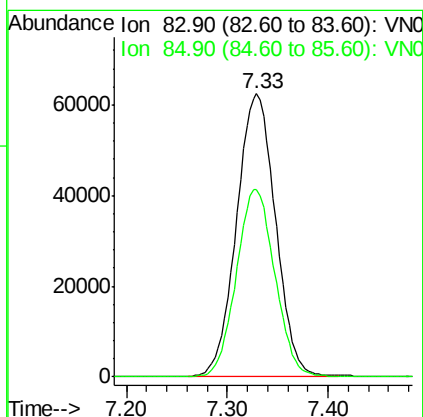
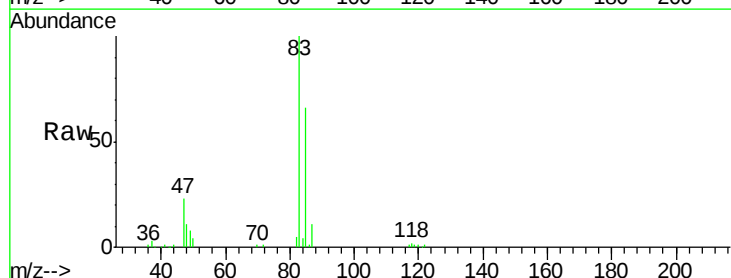
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

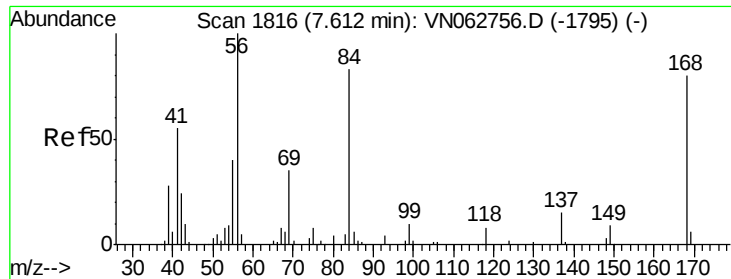
Tgt Ion: 42 Resp: 186504
Ion Ratio Lower Upper
42 100
72 45.3 35.0 52.4
71 42.6 33.2 49.8



#30
Chloroform
Concen: 47.519 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 83 Resp: 167523
Ion Ratio Lower Upper
83 100
85 66.0 52.7 79.1

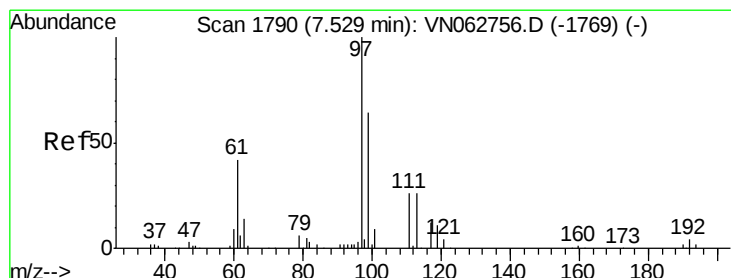
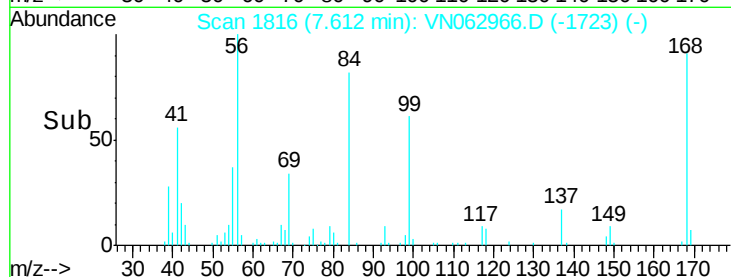
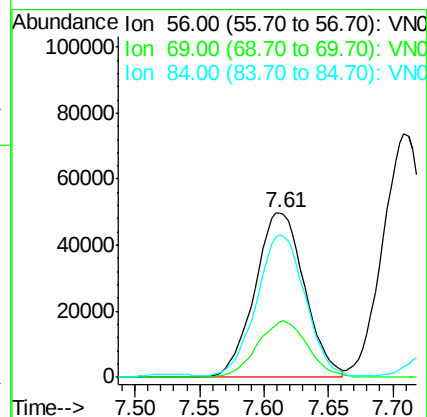
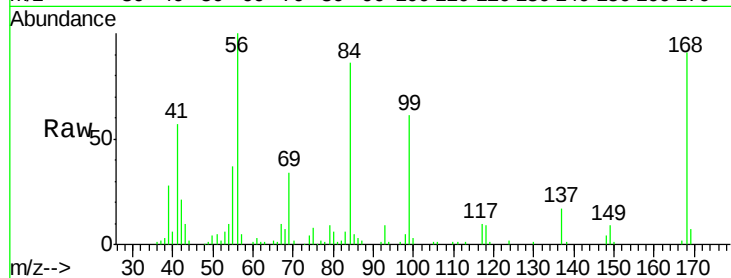




#31
Cyclohexane
Concen: 43.935 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

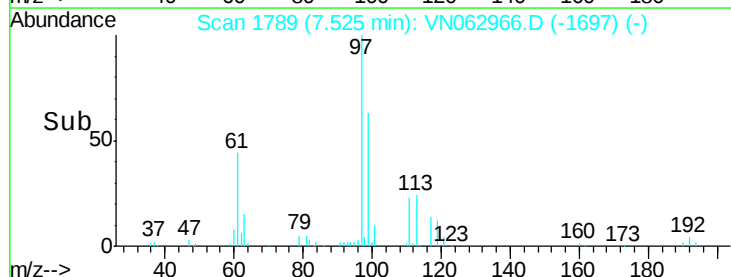
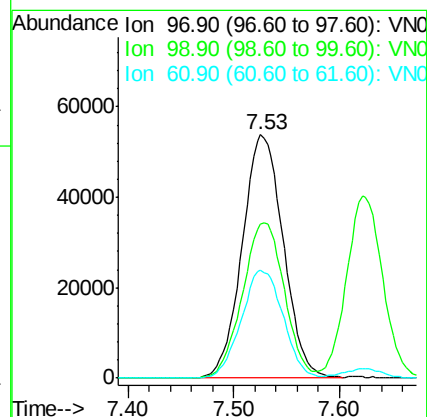
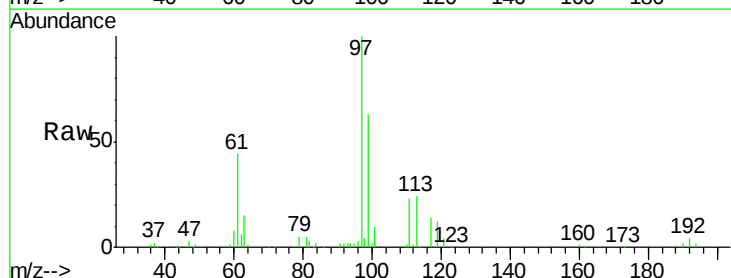
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

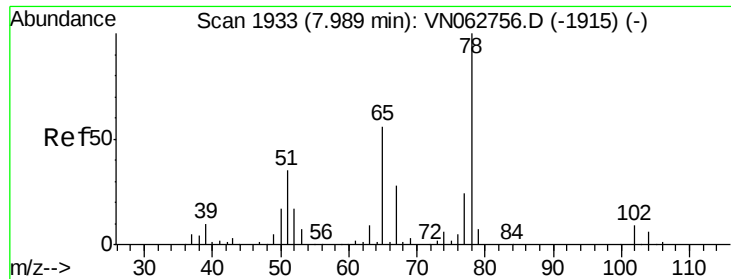
Tgt Ion: 56 Resp: 133788
Ion Ratio Lower Upper
56 100
69 33.5 28.1 42.1
84 85.1 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 46.278 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 97 Resp: 145867
Ion Ratio Lower Upper
97 100
99 64.9 50.0 75.0
61 45.1 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 48.002 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

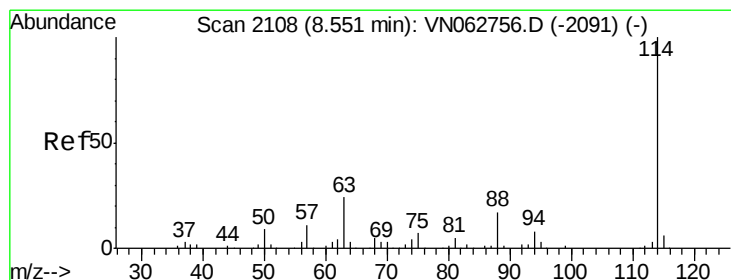
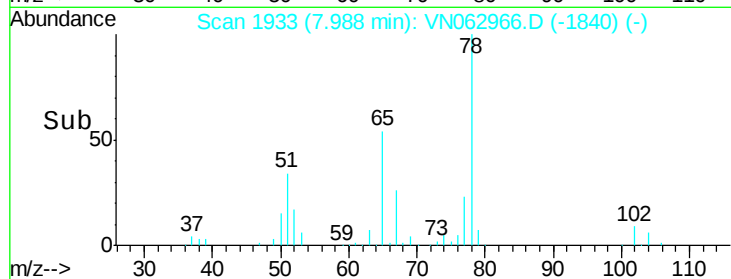
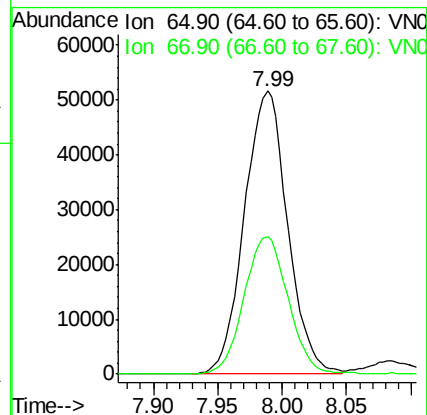
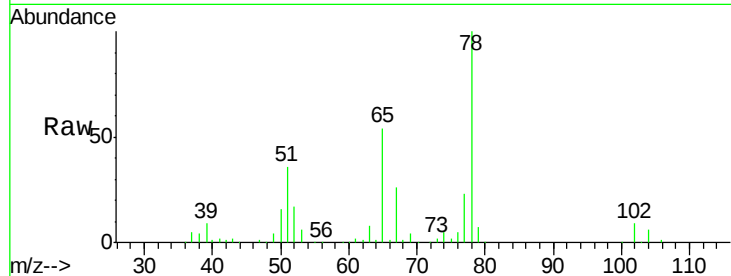
VSTDCCC050EC

Tgt Ion: 65 Resp: 120563

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

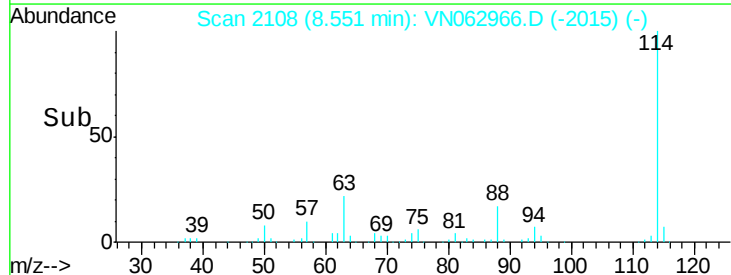
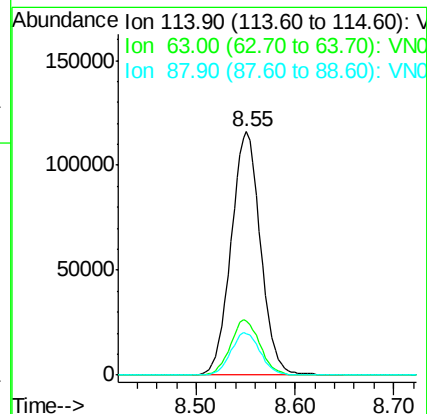
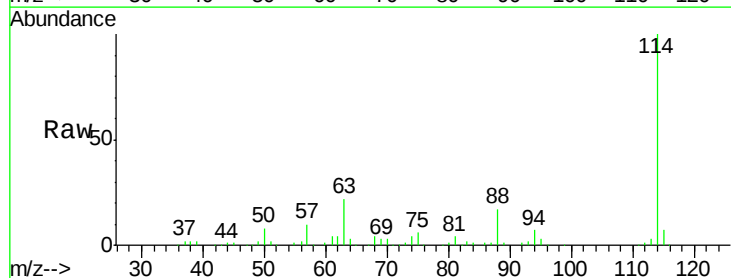
Tgt Ion: 114 Resp: 241871

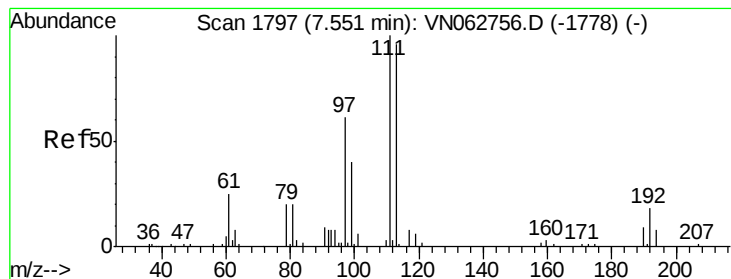
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 17.2 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.470 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

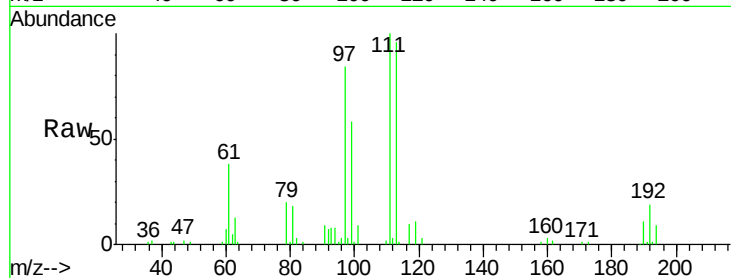
Tgt Ion:113 Resp: 83505

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

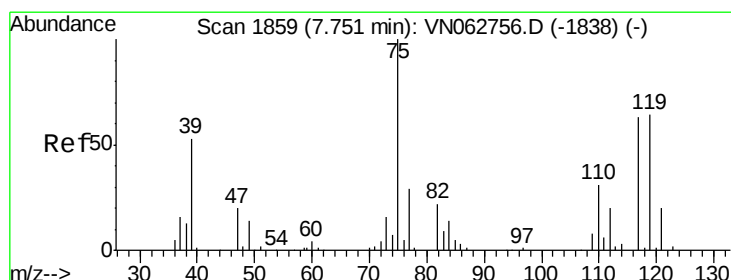
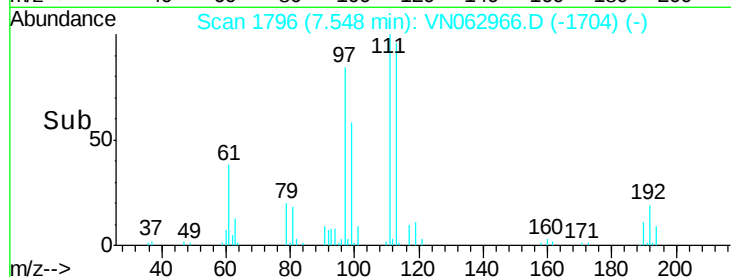
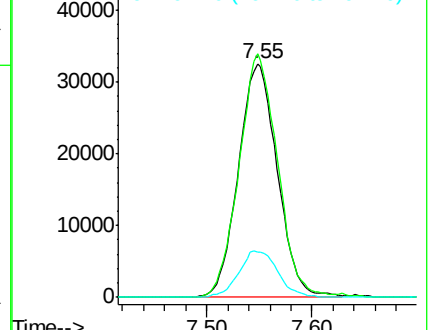
192 19.9 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.258 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

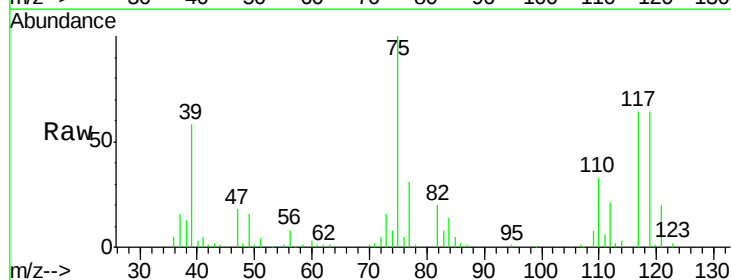
Tgt Ion: 75 Resp: 108944

Ion Ratio Lower Upper

75 100

110 32.4 15.6 46.7

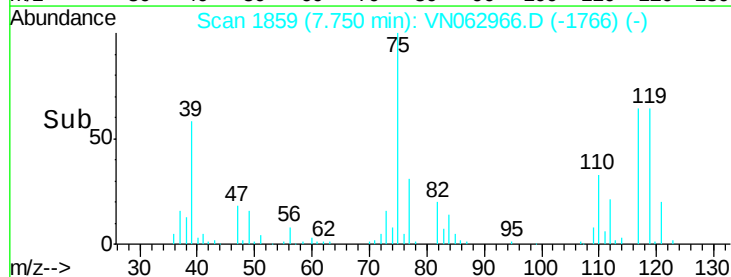
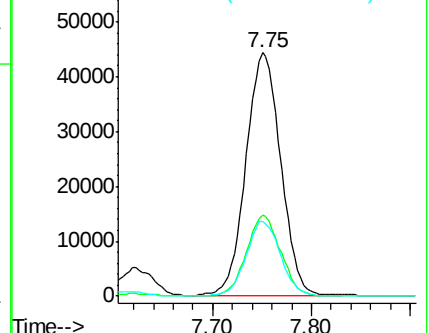
77 30.2 24.1 36.1

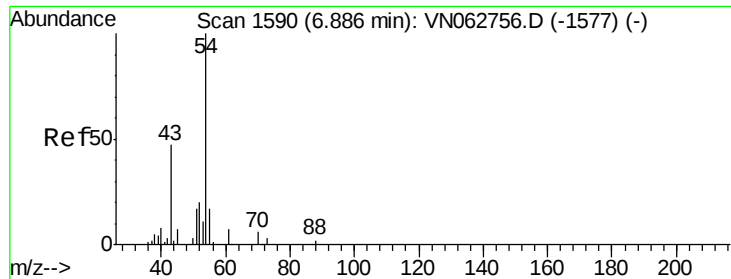


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

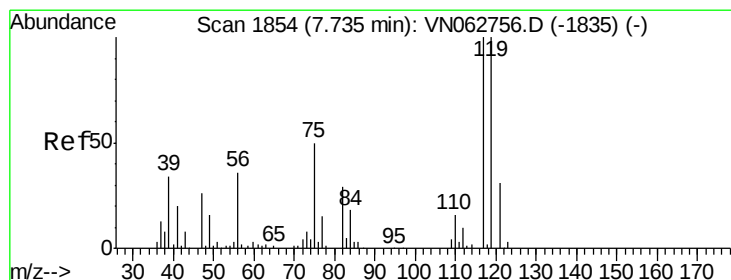
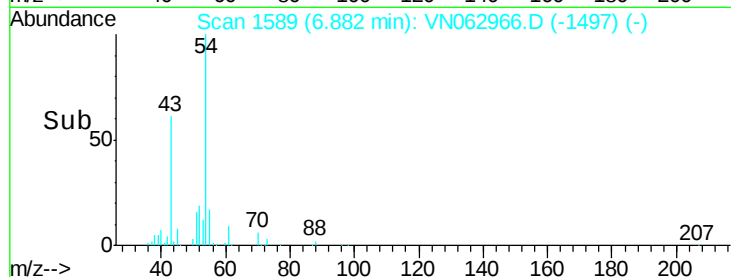
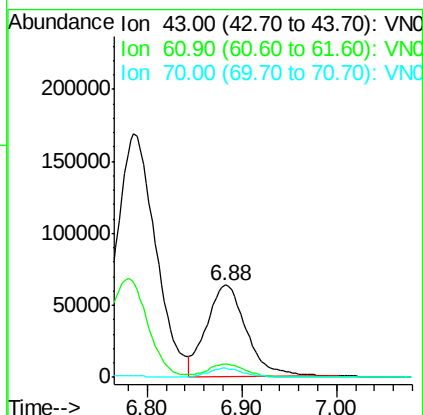
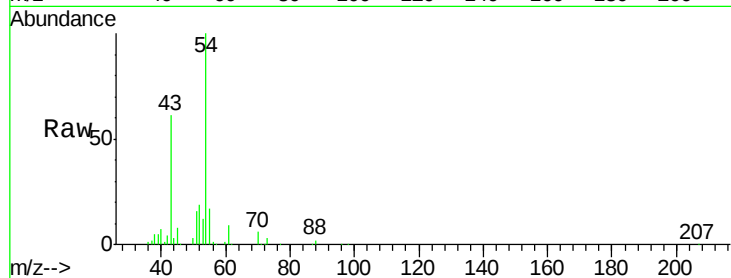




#37
Ethyl Acetate
Concen: 75.797 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

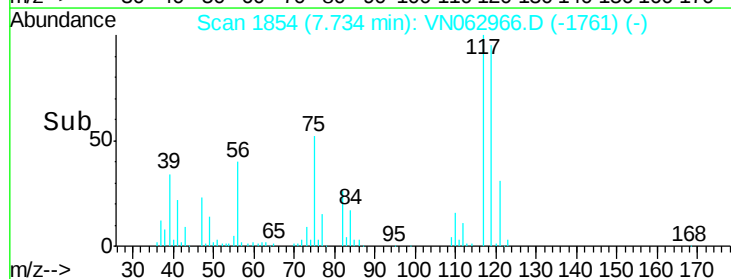
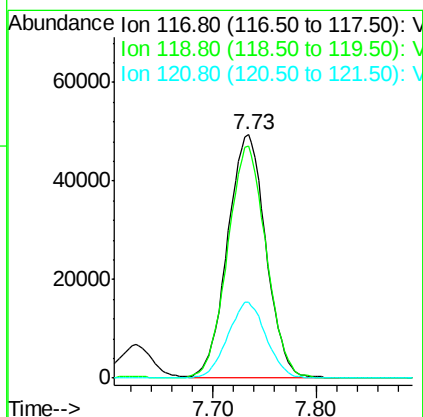
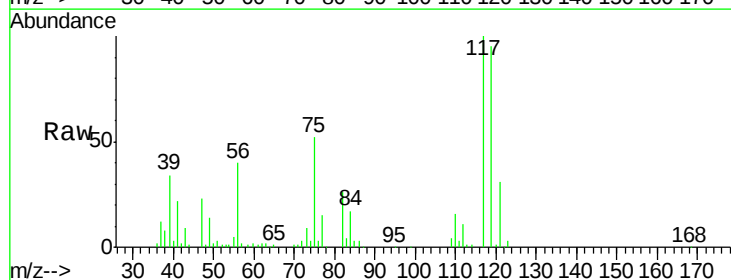
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

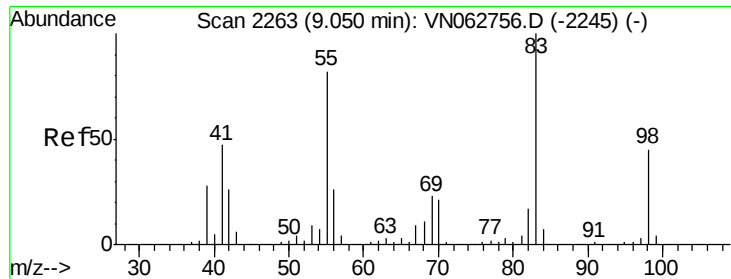
Tgt Ion: 43 Resp: 186473
Ion Ratio Lower Upper
43 100
61 13.5 12.1 18.1
70 9.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 45.953 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 117 Resp: 127998
Ion Ratio Lower Upper
117 100
119 95.1 79.4 119.2
121 31.0 24.9 37.3

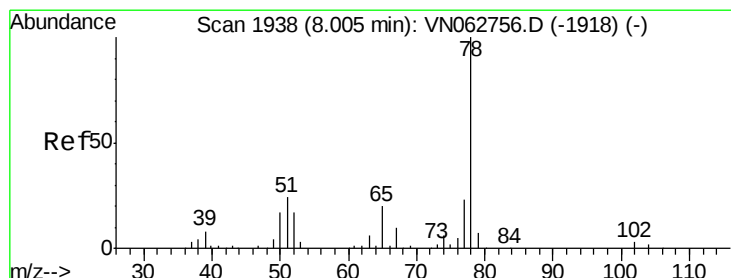
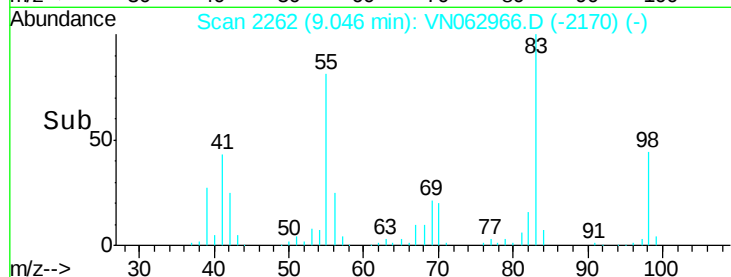
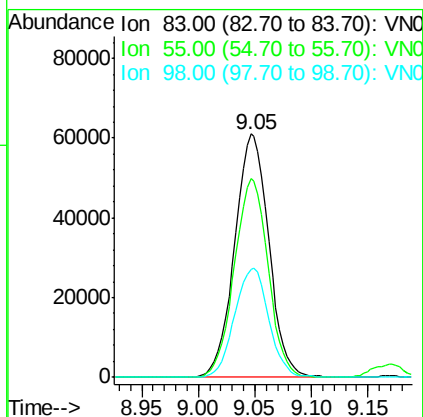
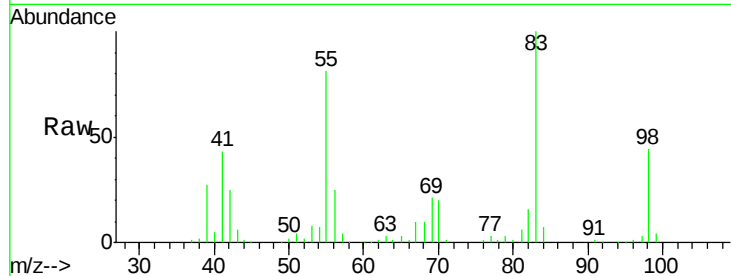




#39
Methylcyclohexane
Concen: 45.254 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

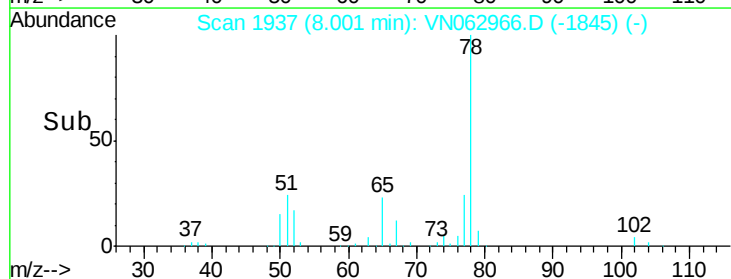
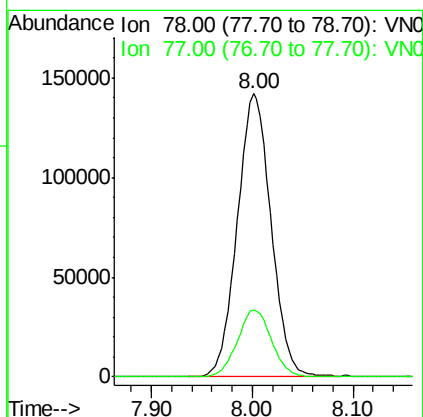
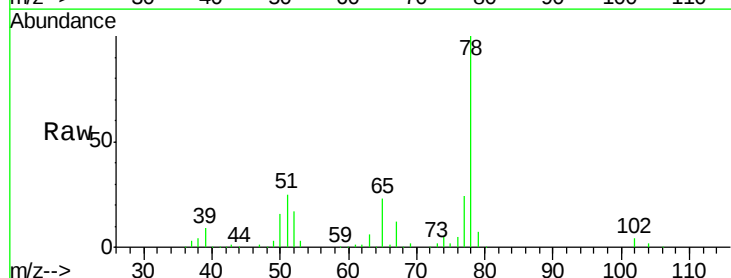
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

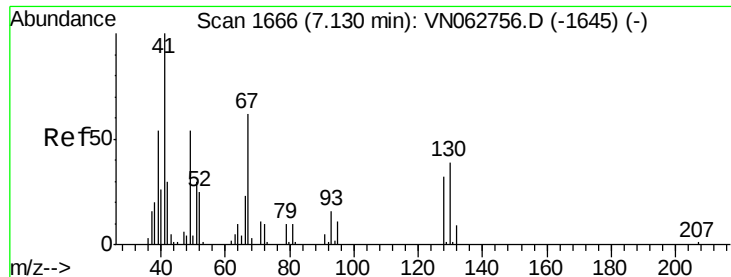
Tgt Ion: 83 Resp: 128261
Ion Ratio Lower Upper
83 100
55 81.5 65.7 98.5
98 44.4 35.6 53.4



#40
Benzene
Concen: 46.816 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 78 Resp: 329014
Ion Ratio Lower Upper
78 100
77 23.8 18.1 27.1

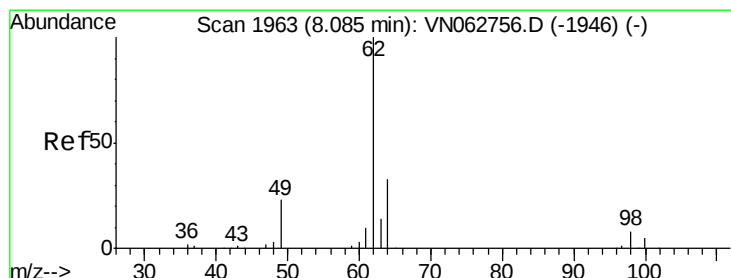
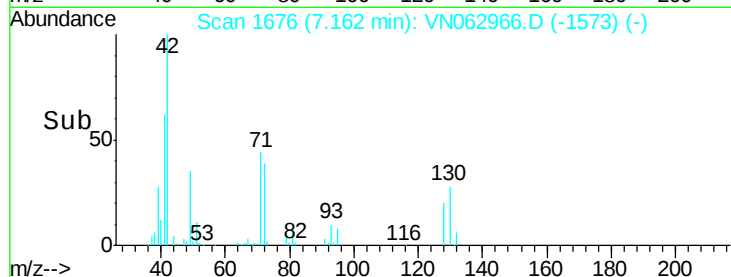
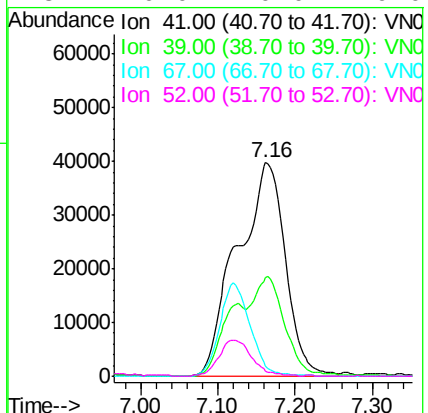
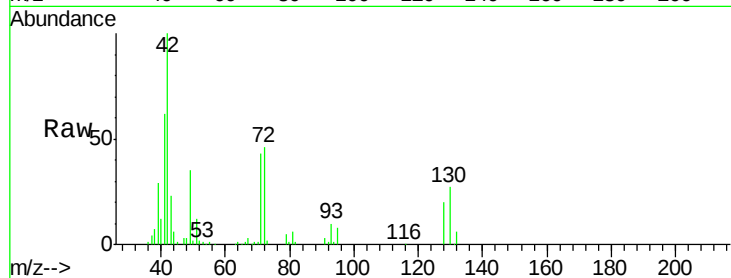




#41
Methacrylonitrile
Concen: 155.677 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

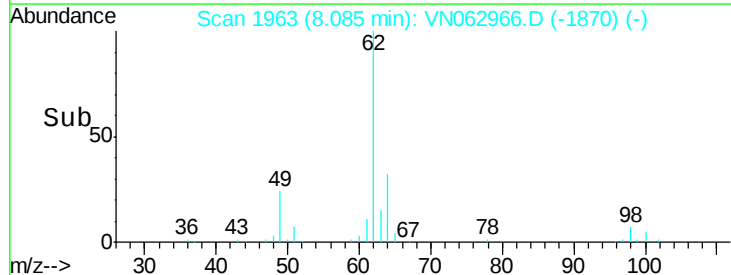
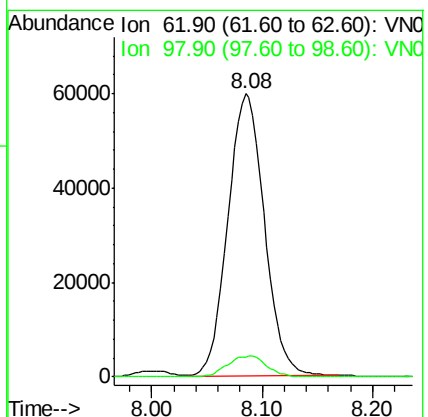
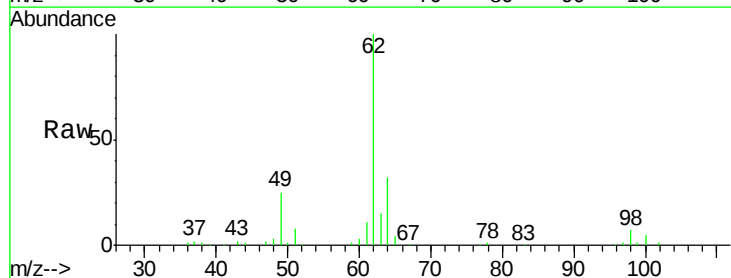
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

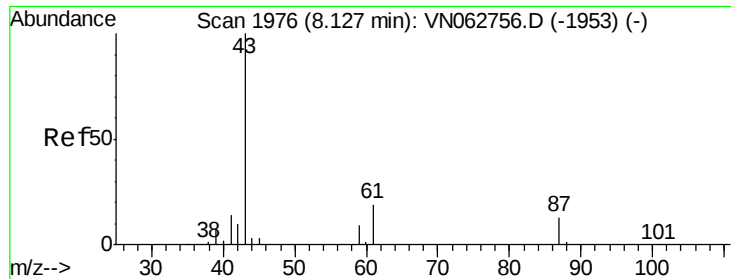
Tgt Ion: 41 Resp: 172822
Ion Ratio Lower Upper
41 100
39 0.0 69.4 104.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 45.905 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 62 Resp: 137309
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 44.036 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

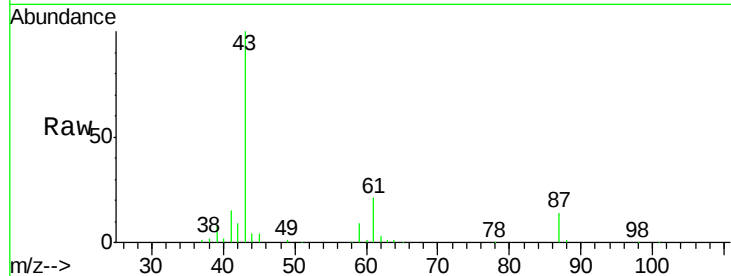
Tgt Ion: 43 Resp: 180701

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.6

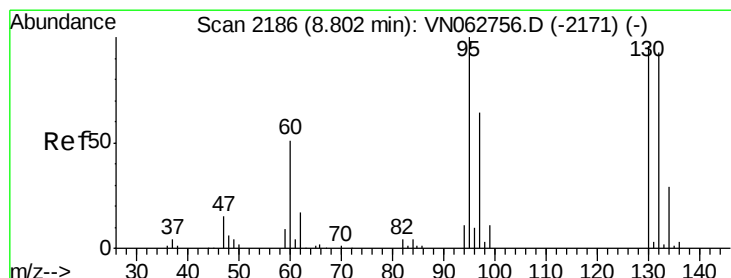
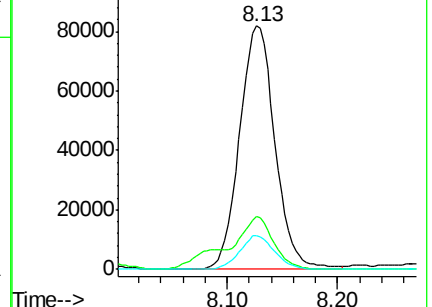
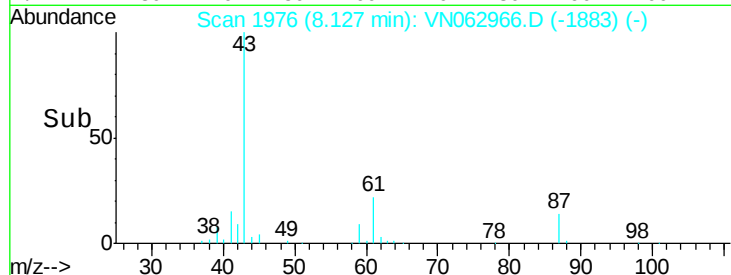
87 13.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062966.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062966.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062966.D (-1883) (-)



#44

Trichloroethene

Concen: 47.565 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062966.D

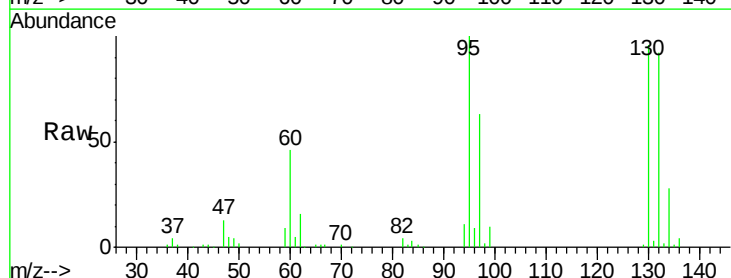
Acq: 15 Aug 2020 4:37

Tgt Ion: 130 Resp: 81440

Ion Ratio Lower Upper

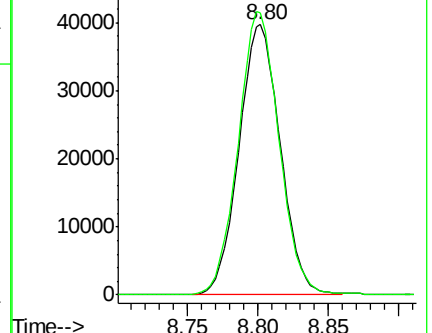
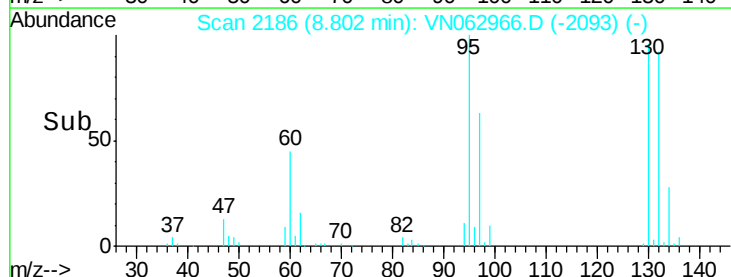
130 100

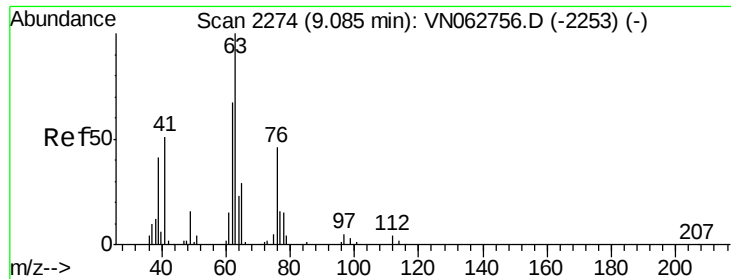
95 104.3 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062966.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062966.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 49.176 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

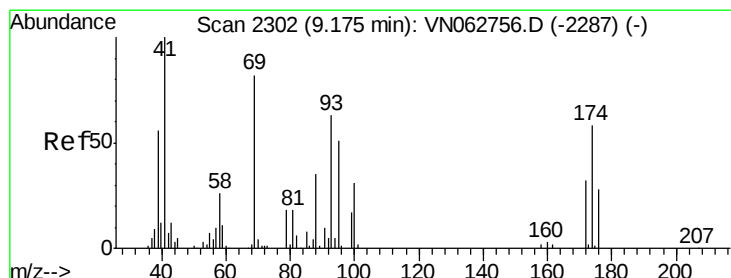
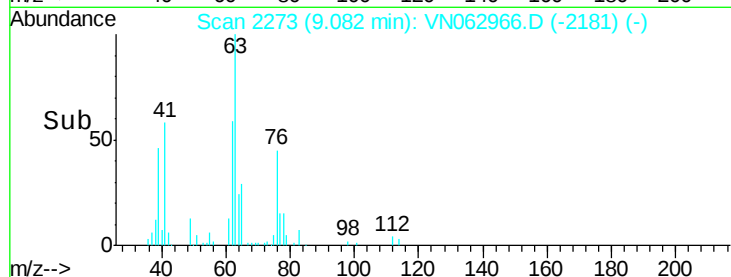
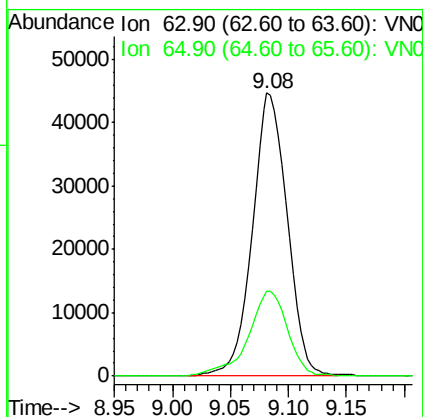
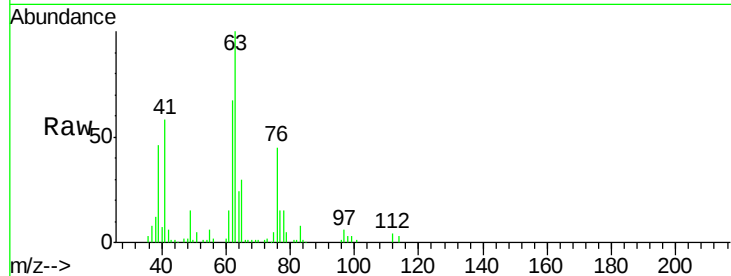
VSTDCCC050EC

Tgt Ion: 63 Resp: 93536

Ion Ratio Lower Upper

63 100

65 30.1 23.5 35.3



#46

Dibromomethane

Concen: 48.809 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

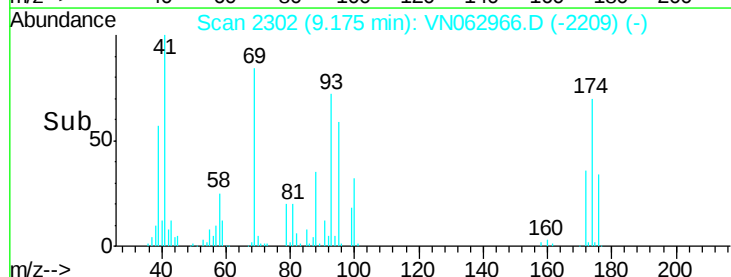
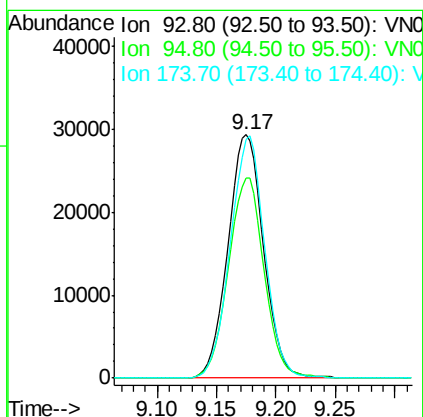
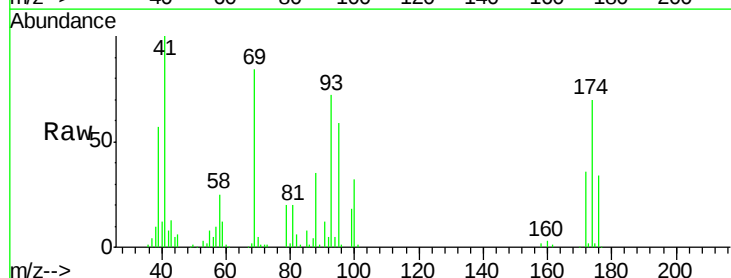
Tgt Ion: 93 Resp: 60829

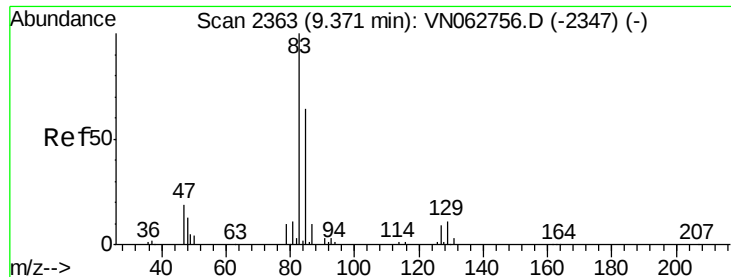
Ion Ratio Lower Upper

93 100

95 82.4 65.1 97.7

174 96.1 73.9 110.9

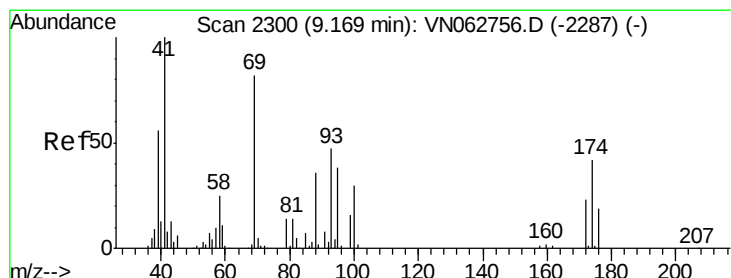
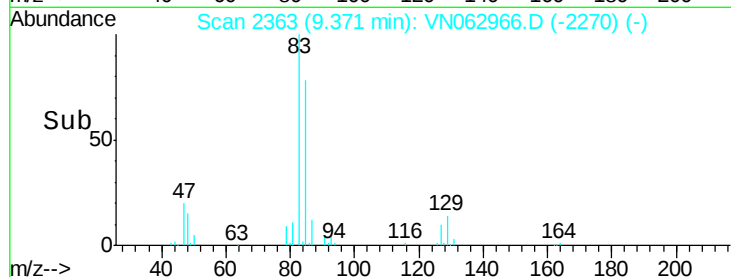
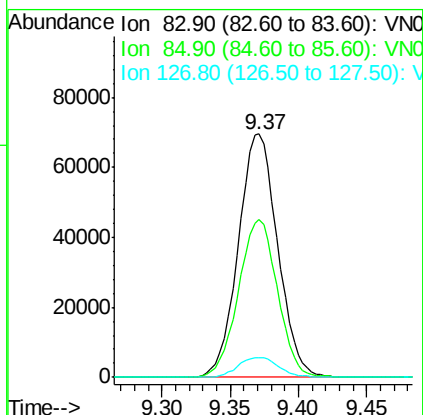
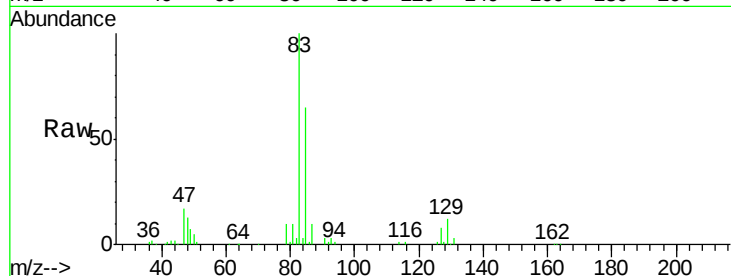




#47
Bromodichloromethane
Concen: 49.791 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

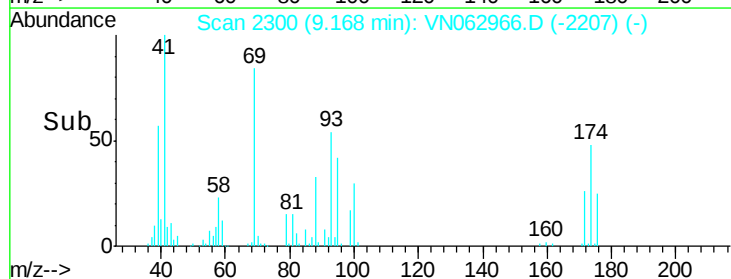
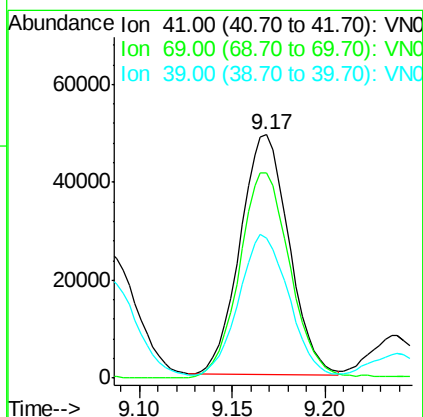
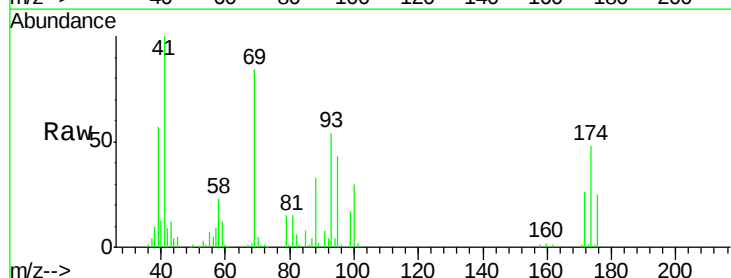
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 139367
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 44.239 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 41 Resp: 89289
Ion Ratio Lower Upper
41 100
69 89.0 67.4 101.2
39 61.7 47.6 71.4

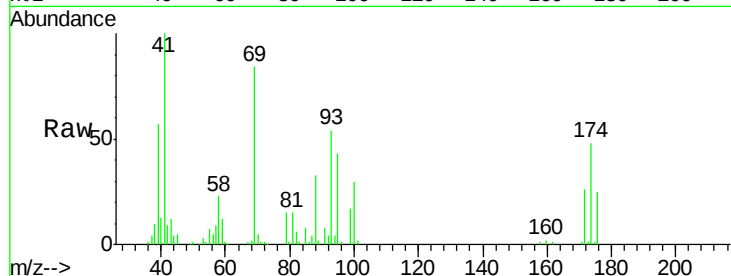




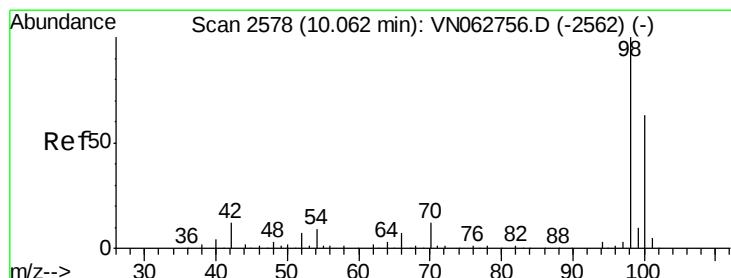
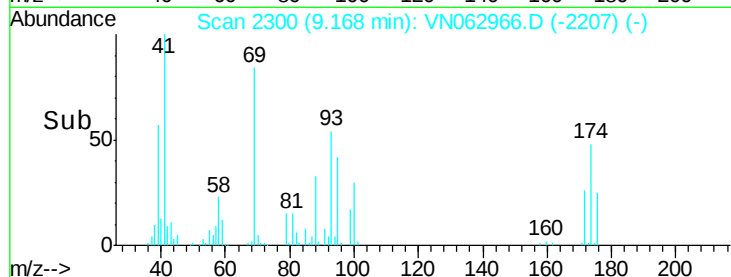
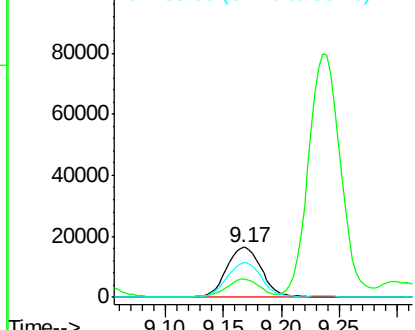
#49
1,4-Dioxane
Concen: 926.713 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 34658
Ion Ratio Lower Upper
88 100
43 30.8 29.5 44.3
58 68.5 59.8 89.8

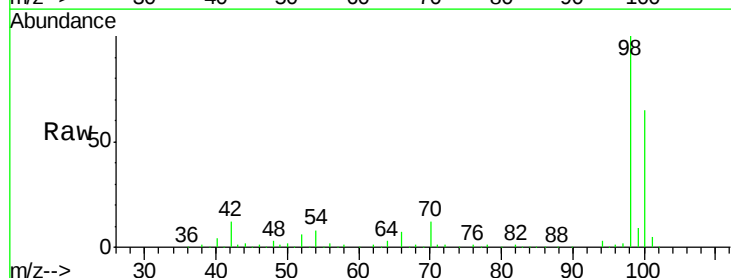


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

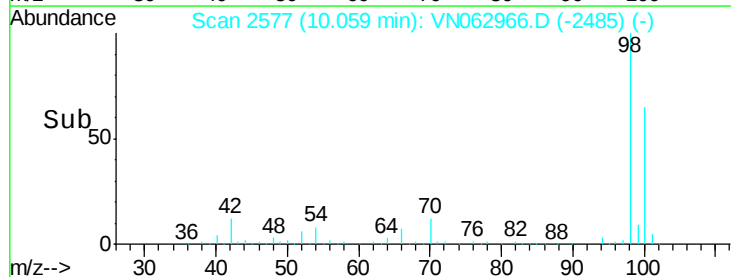
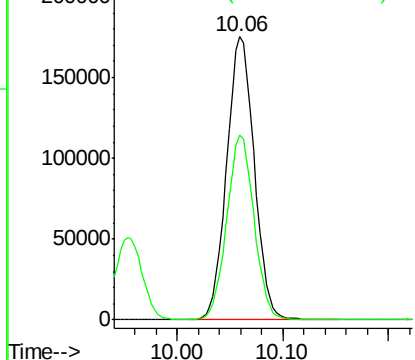


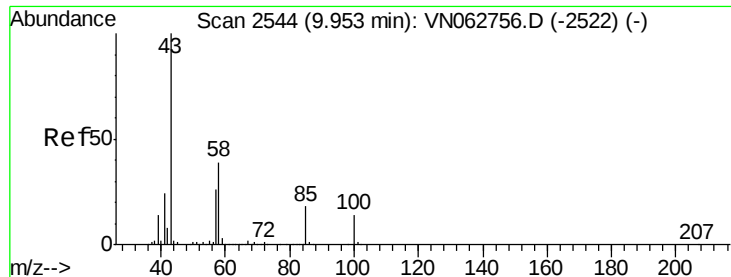
#50
Toluene-d8
Concen: 49.157 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 98 Resp: 317528
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 232.631 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

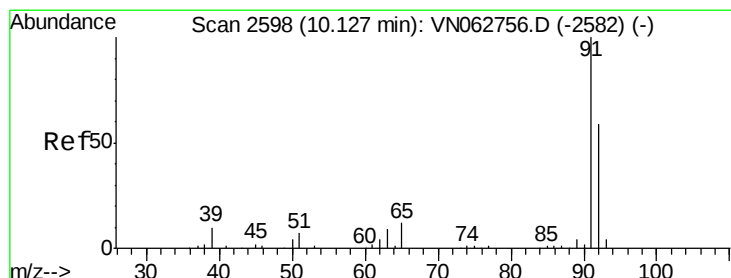
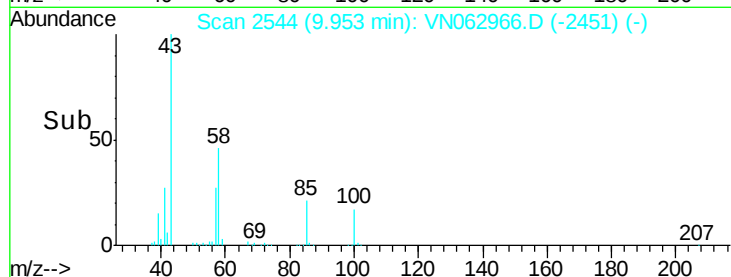
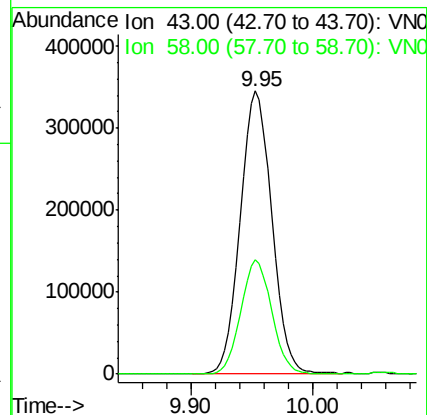
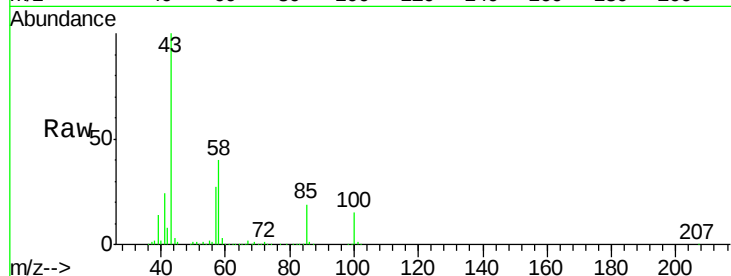
VSTDCCC050EC

Tgt Ion: 43 Resp: 617637

Ion Ratio Lower Upper

43 100

58 39.6 31.1 46.7



#52

Toluene

Concen: 47.945 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062966.D

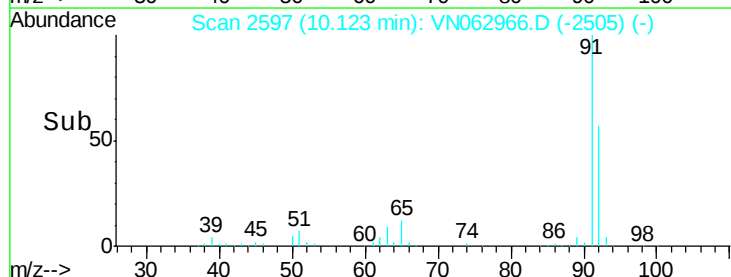
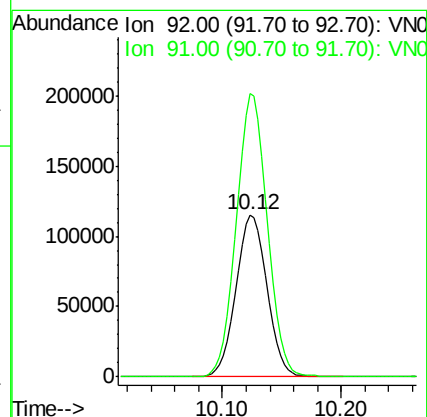
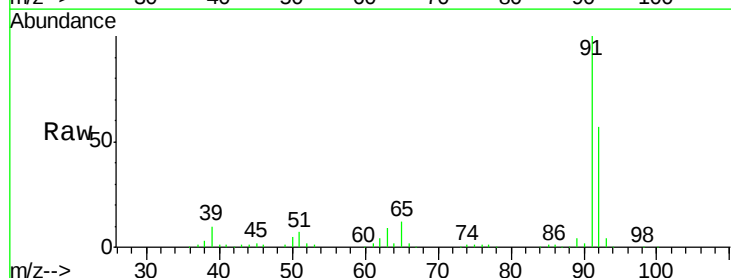
Acq: 15 Aug 2020 4:37

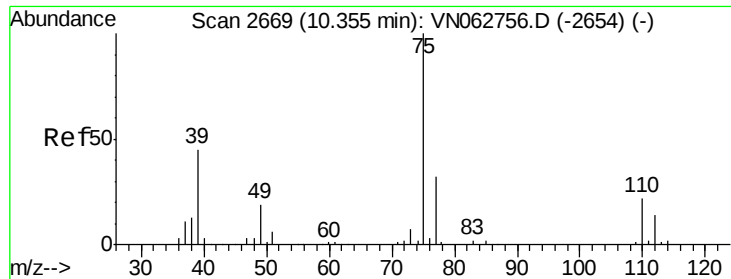
Tgt Ion: 92 Resp: 208040

Ion Ratio Lower Upper

92 100

91 174.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 45.036 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

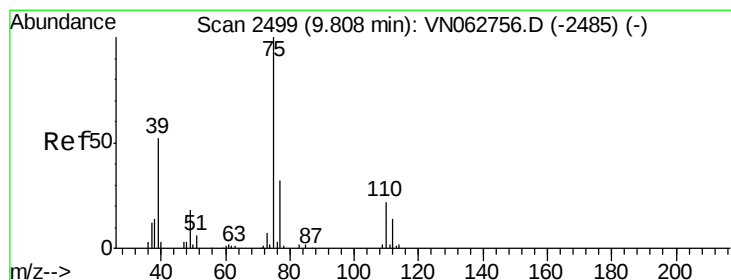
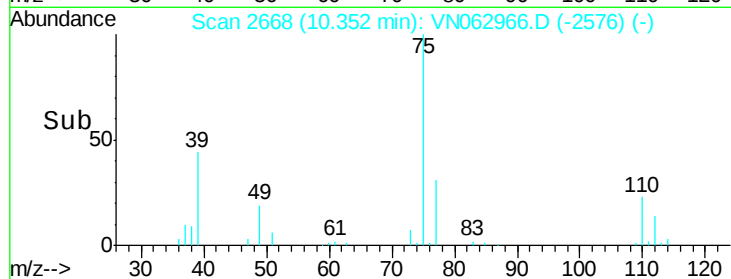
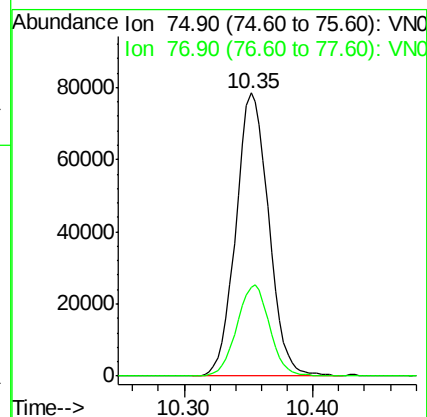
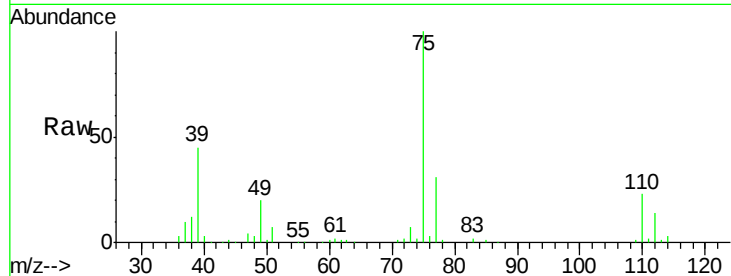
VSTDCCC050EC

Tgt Ion: 75 Resp: 138658

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.925 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

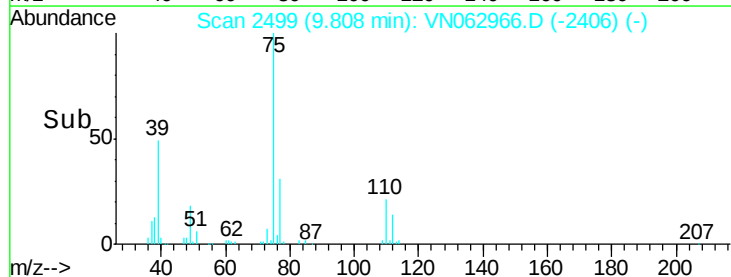
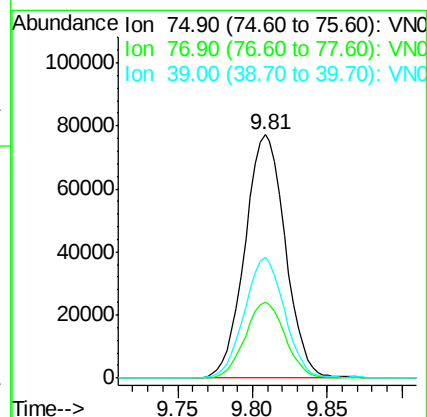
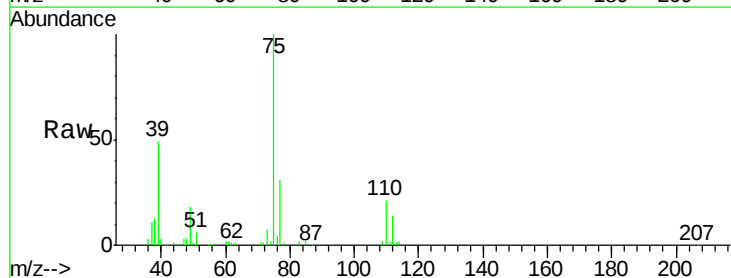
Tgt Ion: 75 Resp: 145055

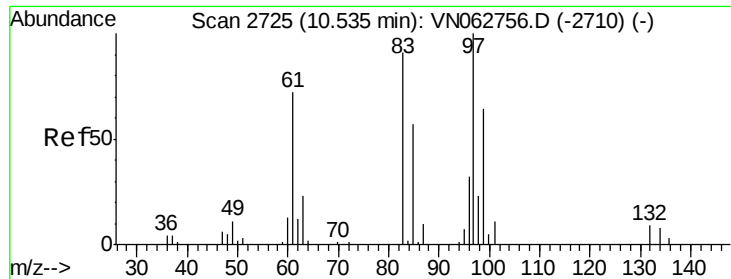
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 49.5 41.9 62.9

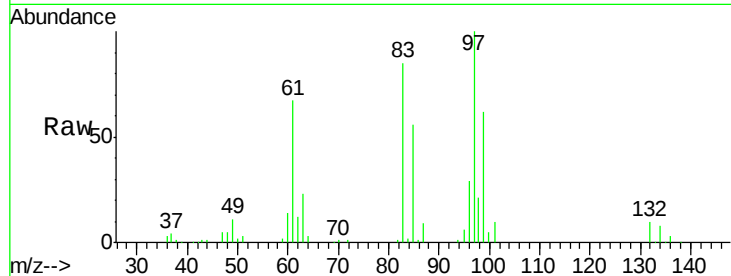




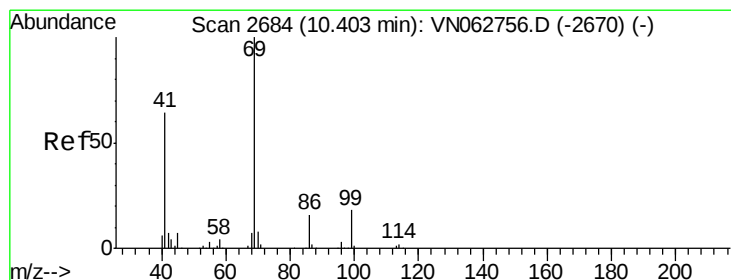
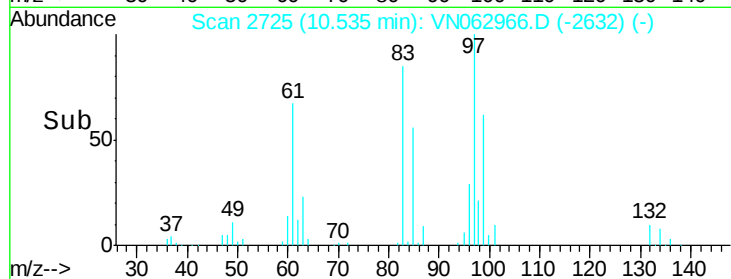
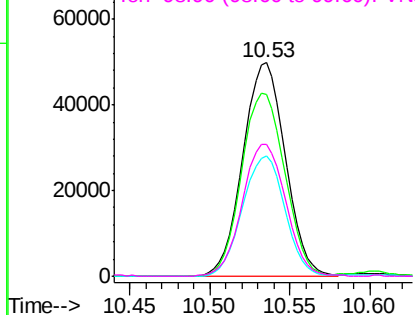
#55
 1,1,2-Trichloroethane
 Concen: 48.937 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	90690
Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.6	108.8
85	56.2	46.0	69.0
99	61.5	51.1	76.7

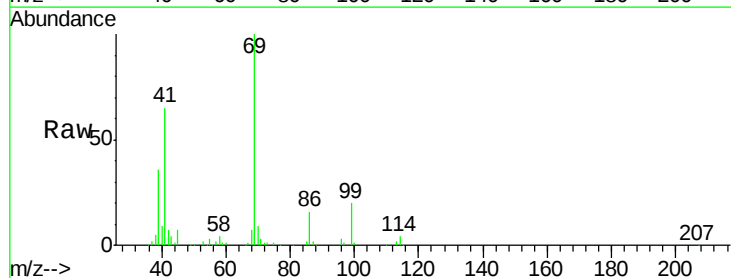


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

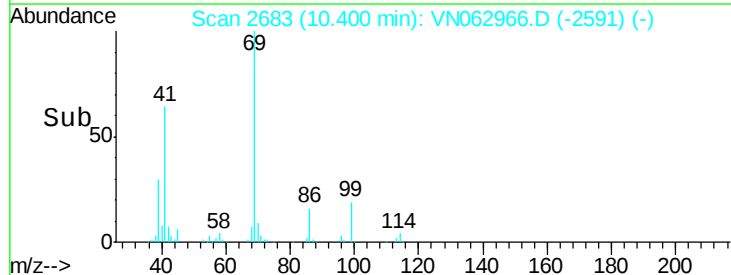
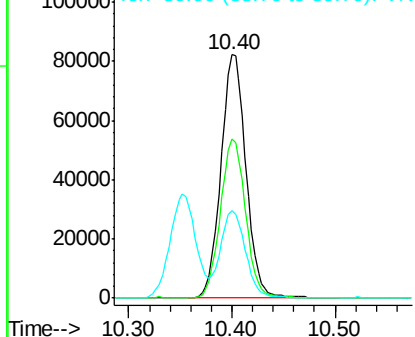


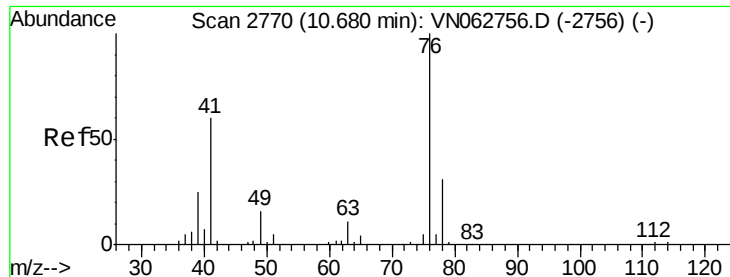
#56
 Ethyl methacrylate
 Concen: 49.944 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:	69	Resp:	139315
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.2	78.2
39	35.8	30.9	46.3



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

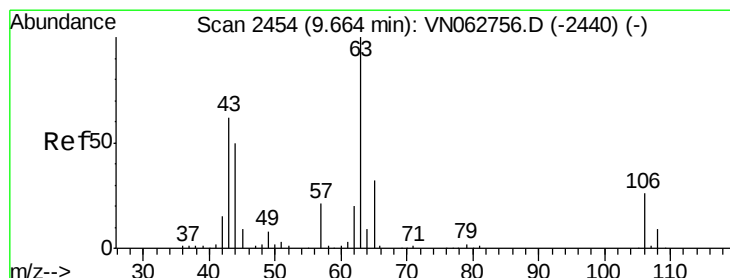
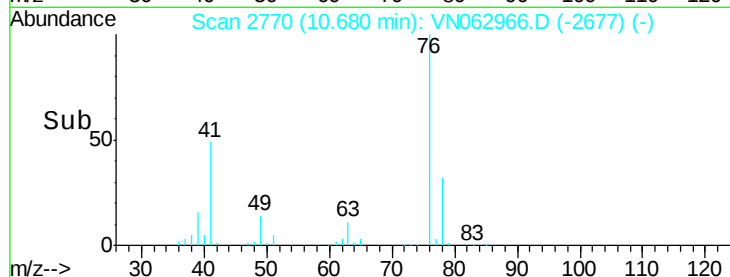
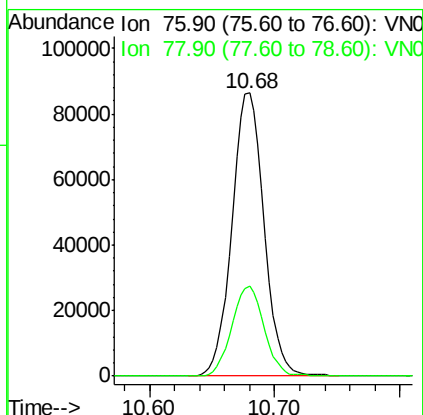
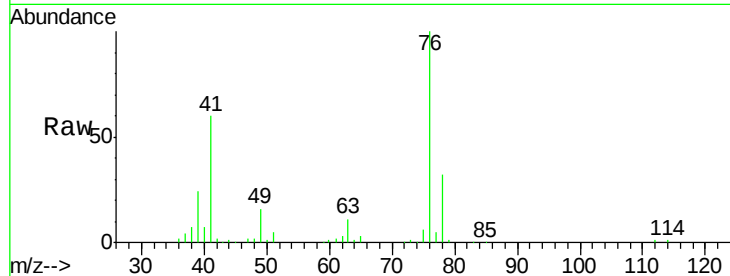




#57
 1,3-Dichloropropane
 Concen: 48.687 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

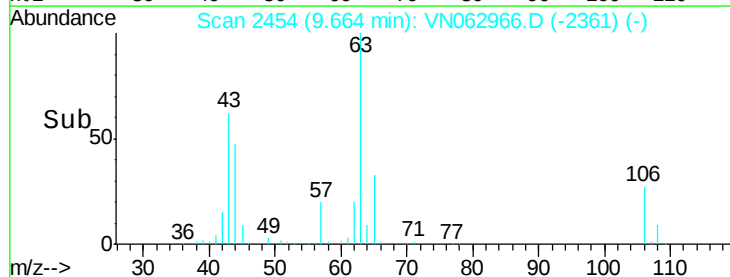
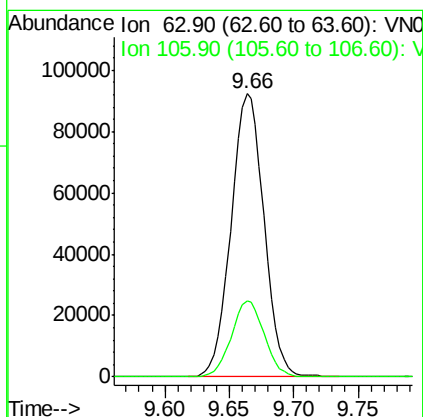
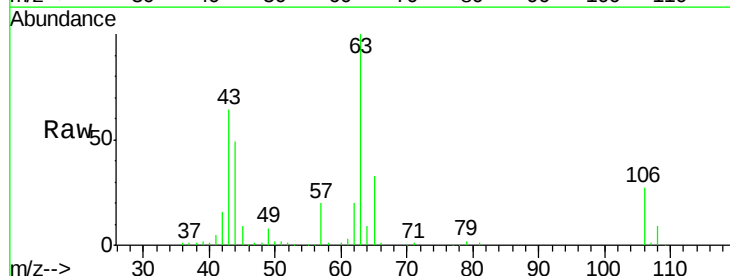
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

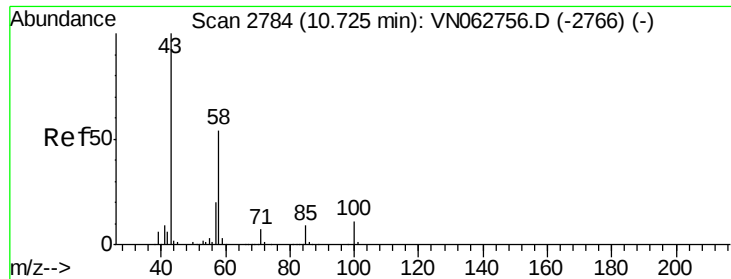
Tgt Ion: 76 Resp: 153308
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 207.783 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 63 Resp: 163831
 Ion Ratio Lower Upper
 63 100
 106 26.7 20.9 31.3

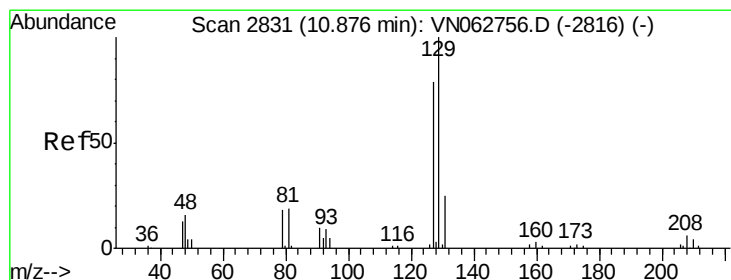
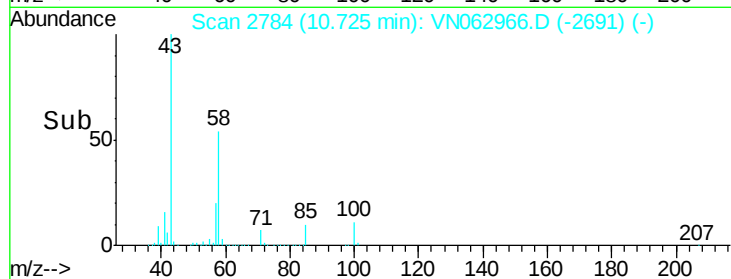
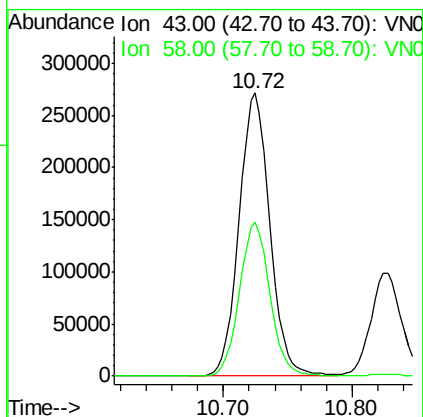
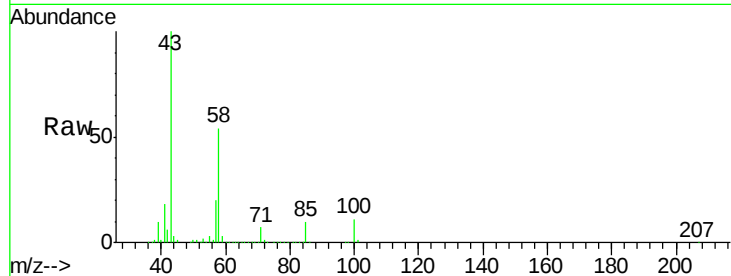




#59
2-Hexanone
Concen: 226.846 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

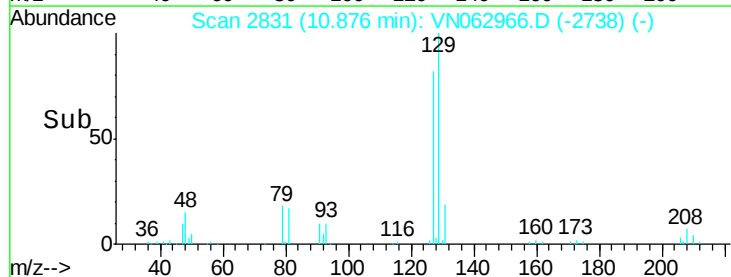
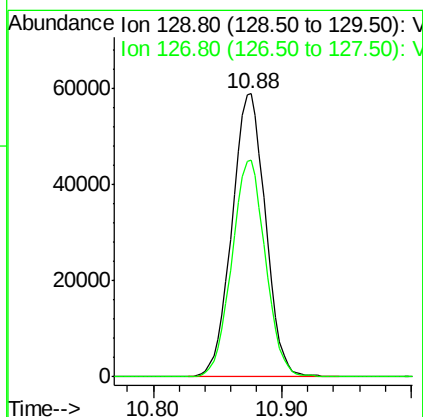
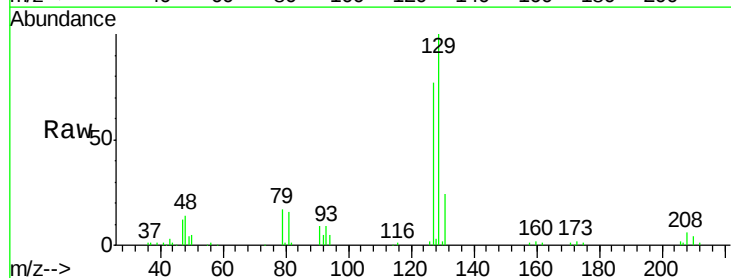
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

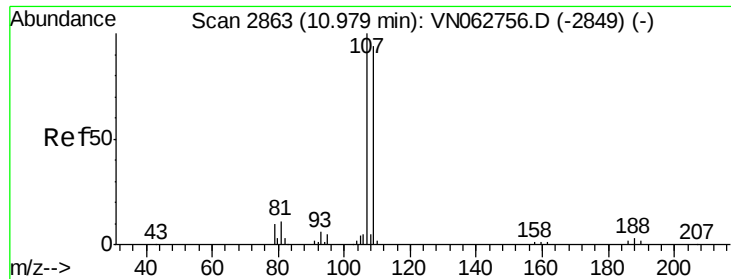
Tgt Ion: 43 Resp: 449264
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1



#60
Dibromochloromethane
Concen: 50.280 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 129 Resp: 106333
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

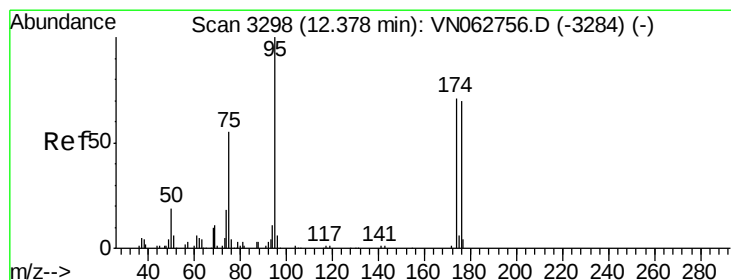
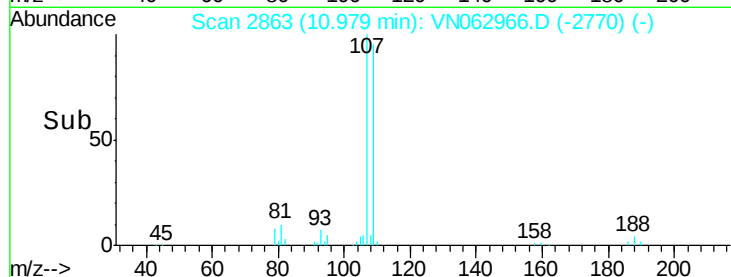
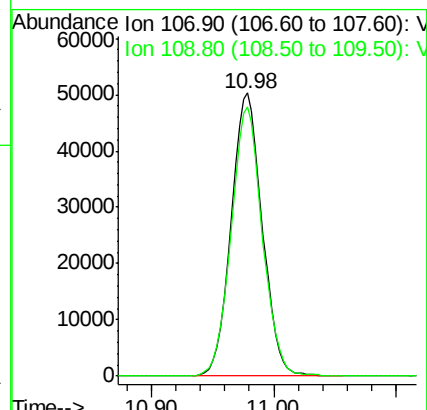
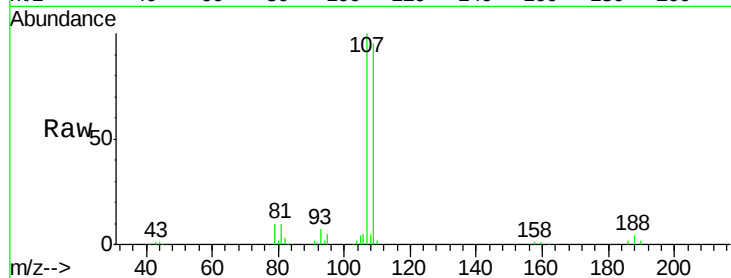




#61
 1,2-Dibromoethane
 Concen: 48.717 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

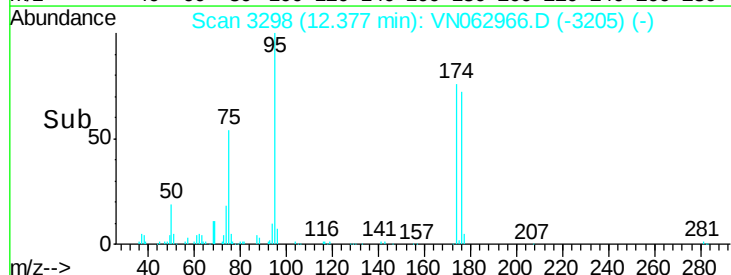
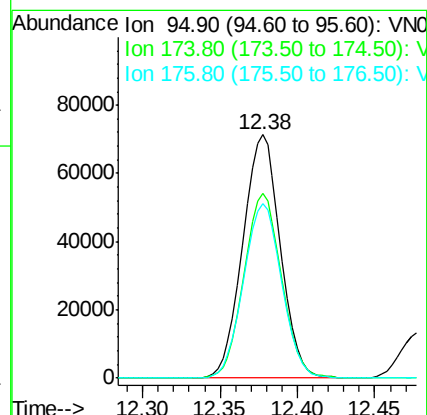
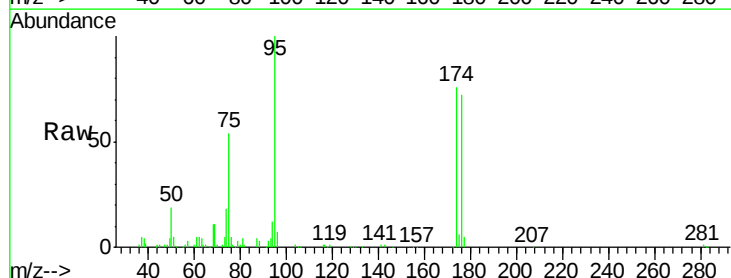
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

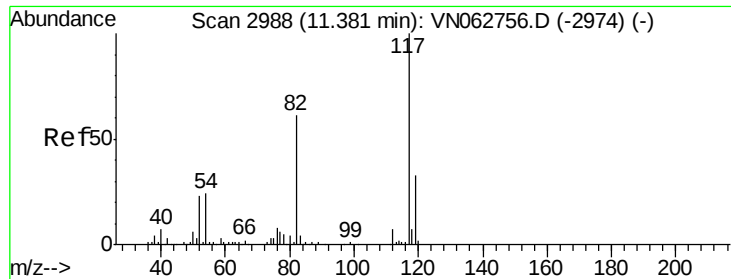
Tgt Ion: 107 Resp: 89087
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.337 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 95 Resp: 120433
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 144.8
 176 73.1 0.0 142.2

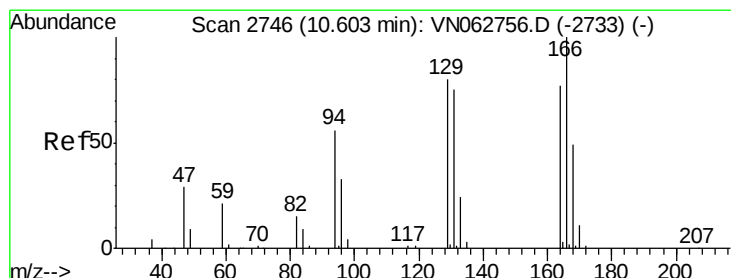
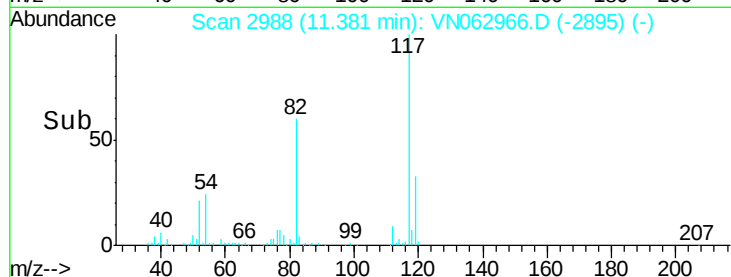
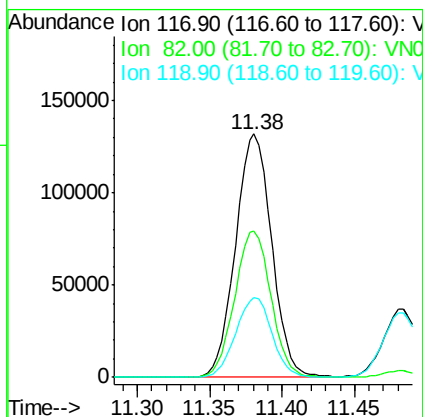
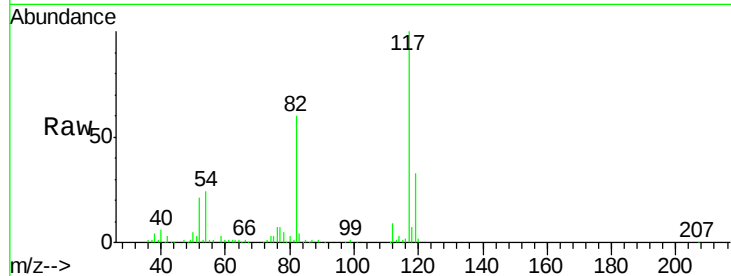




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

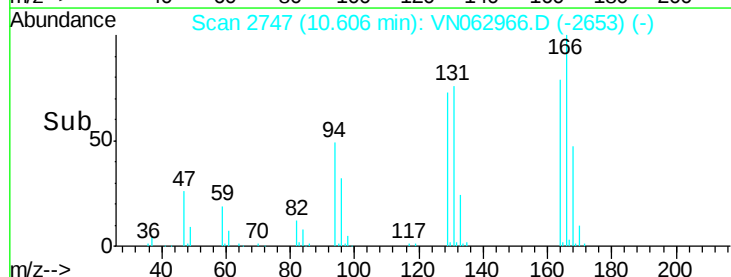
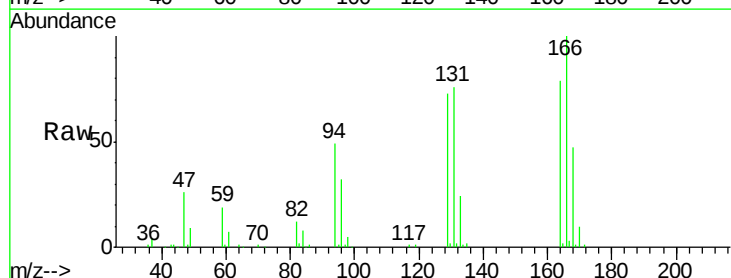
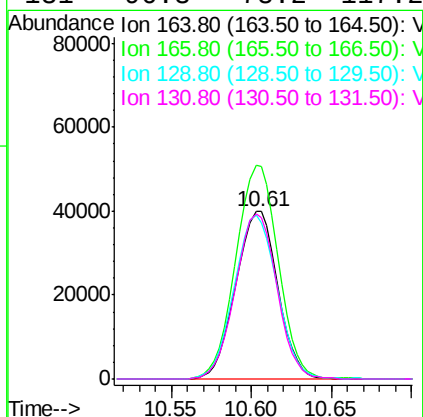
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

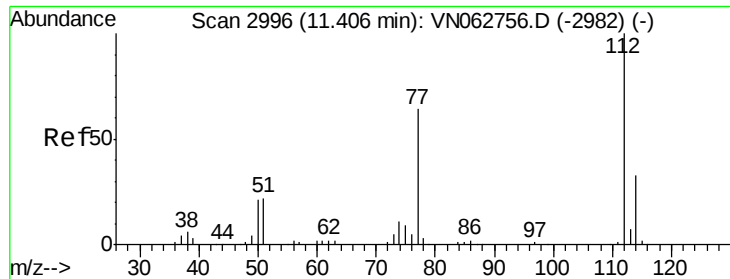
Tgt Ion:117 Resp: 229153
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.4
119 33.0 26.2 39.2



#64
Tetrachloroethene
Concen: 48.350 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion:164 Resp: 71487
Ion Ratio Lower Upper
164 100
166 126.9 103.8 155.8
129 92.9 82.7 124.1
131 96.3 78.2 117.2

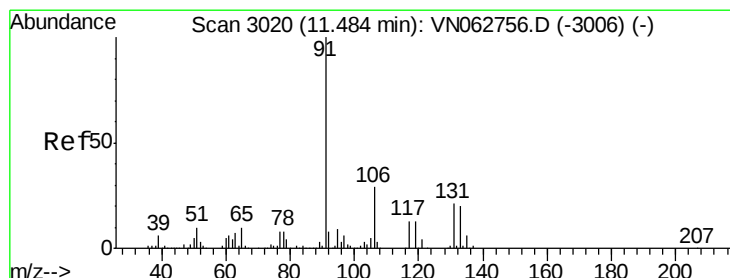
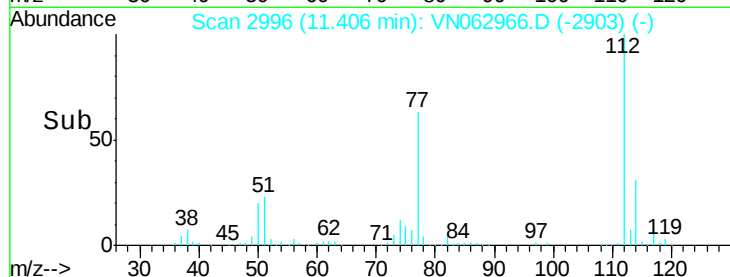
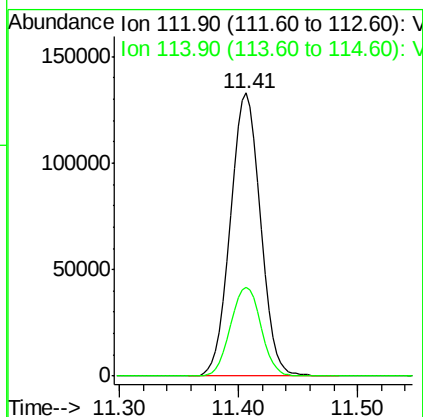
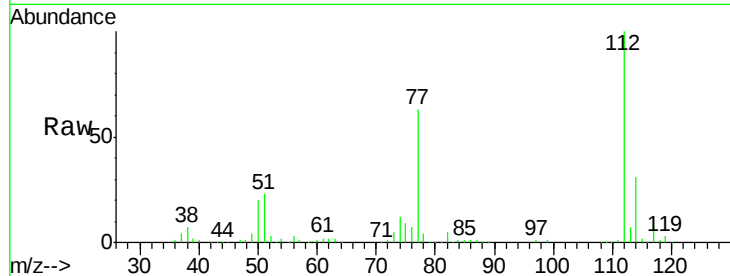




#65
Chlorobenzene
Concen: 48.717 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

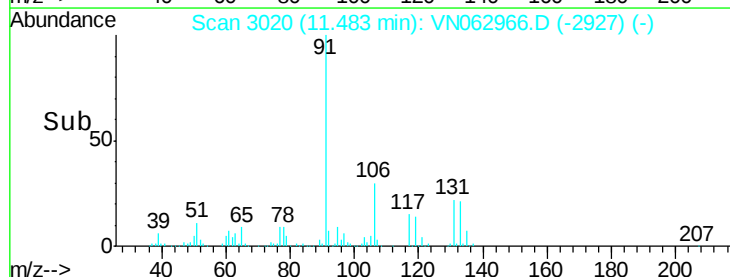
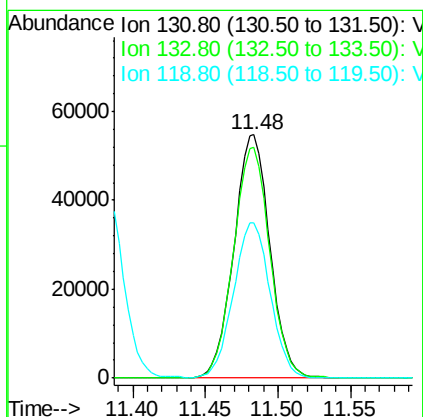
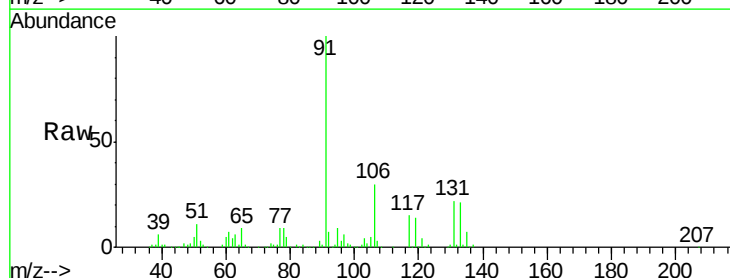
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

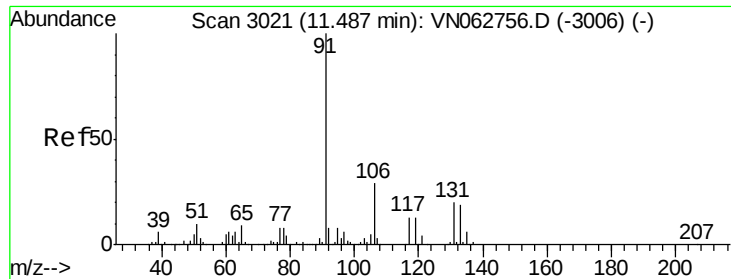
Tgt Ion:112 Resp: 233364
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.129 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion:131 Resp: 94506
Ion Ratio Lower Upper
131 100
133 95.6 48.6 145.8
119 65.1 32.2 96.6

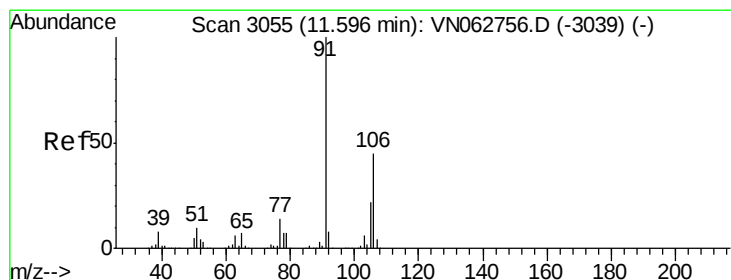
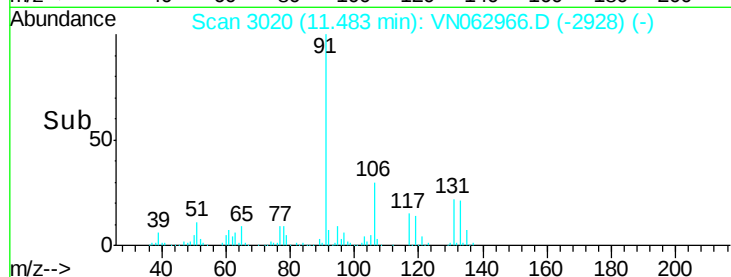
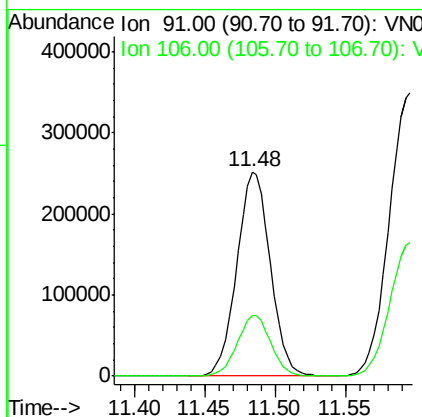
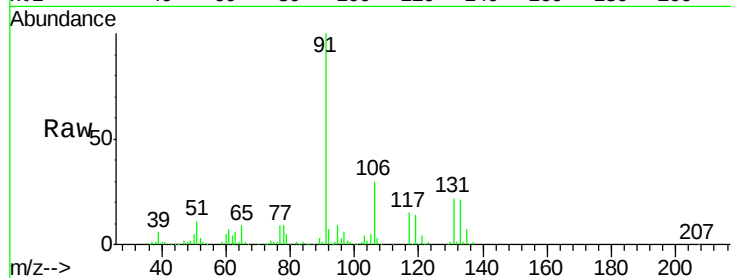




#67
Ethyl Benzene
Concen: 48.847 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

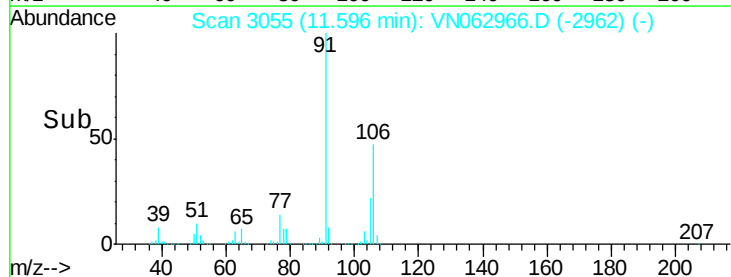
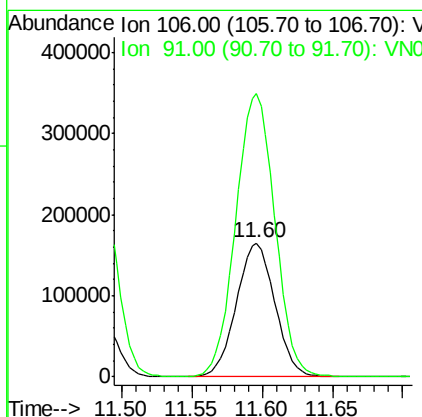
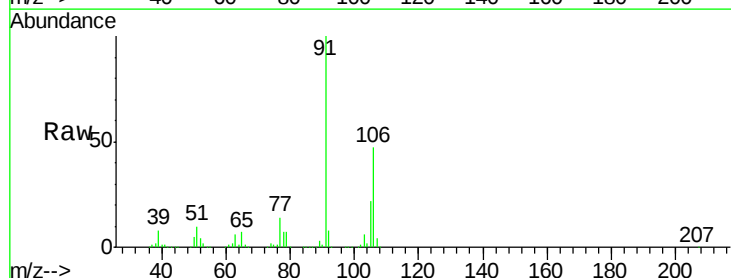
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

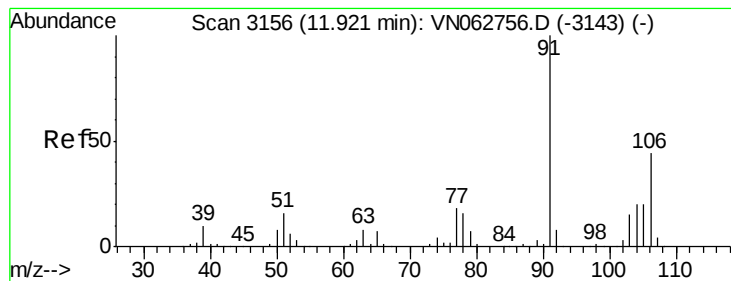
Tgt Ion: 91 Resp: 418712
Ion Ratio Lower Upper
91 100
106 29.8 23.2 34.8



#68
m/p-Xylenes
Concen: 101.446 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 106 Resp: 315661
Ion Ratio Lower Upper
106 100
91 215.1 175.9 263.9





#69

o-Xylene

Concen: 51.913 ug/l

RT: 11.92 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

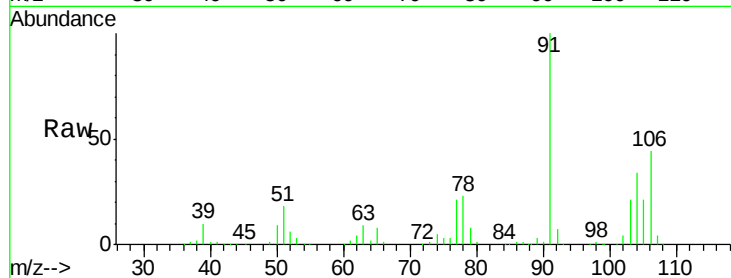
VSTDCCC050EC

Tgt Ion:106 Resp: 151378

Ion Ratio Lower Upper

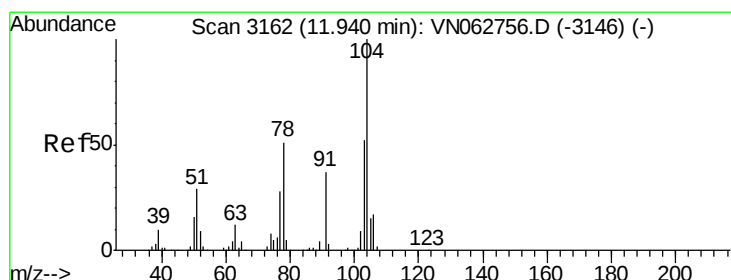
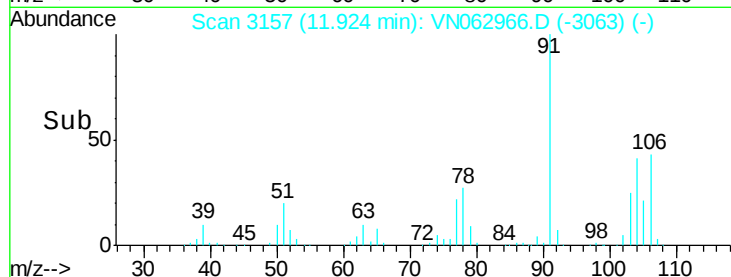
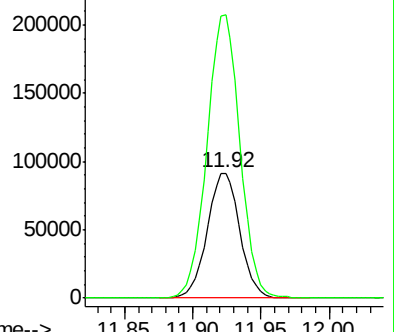
106 100

91 229.4 115.8 347.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 52.768 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

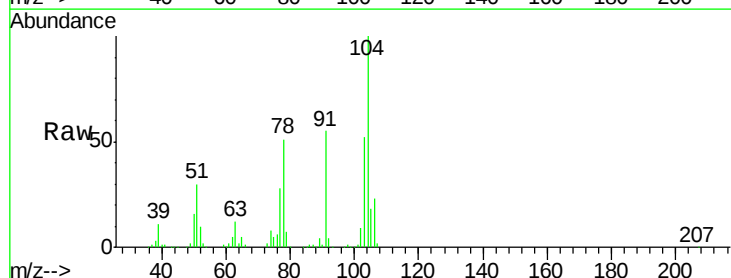
Tgt Ion:104 Resp: 270468

Ion Ratio Lower Upper

104 100

78 55.7 45.9 68.9

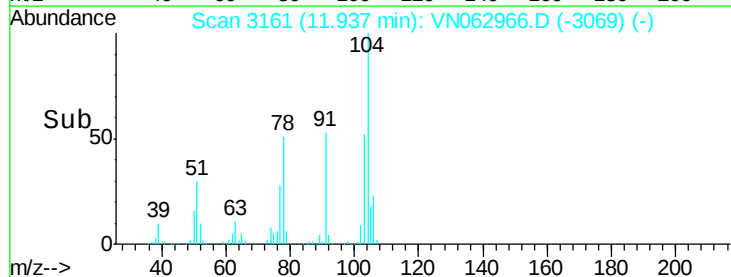
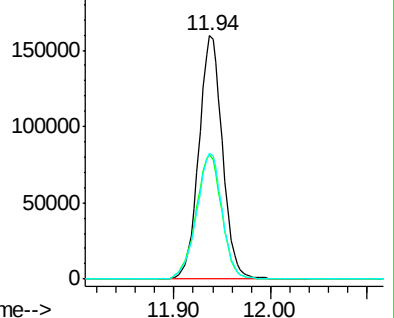
103 55.9 45.1 67.7

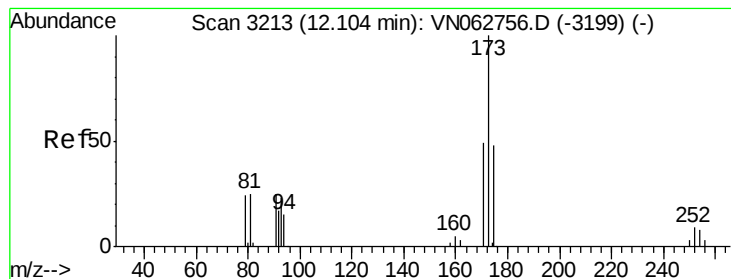


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.072 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

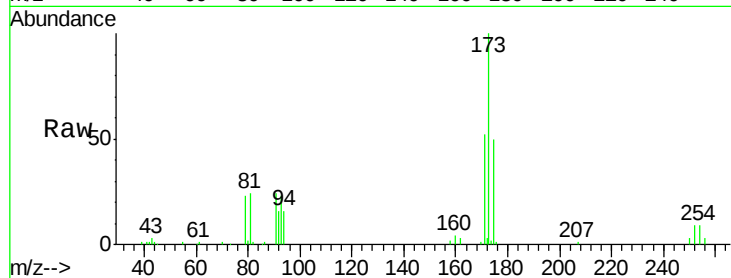
Tgt Ion:173 Resp: 77233

Ion Ratio Lower Upper

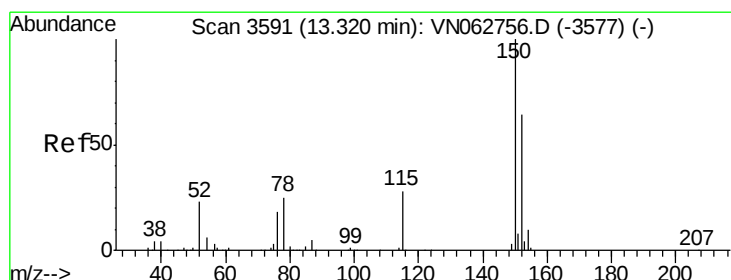
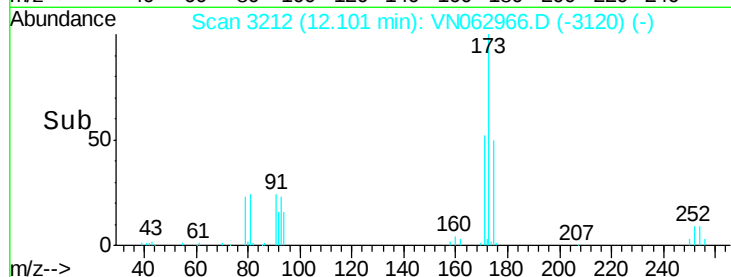
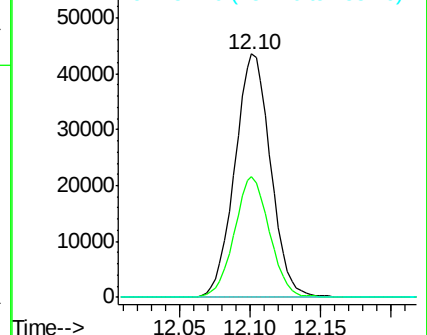
173 100

175 48.6 24.0 72.0

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# 3591

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

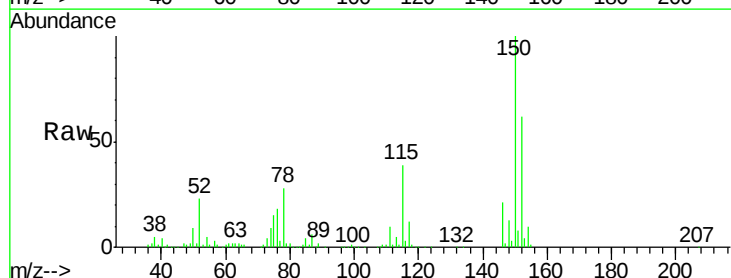
Tgt Ion:152 Resp: 120163

Ion Ratio Lower Upper

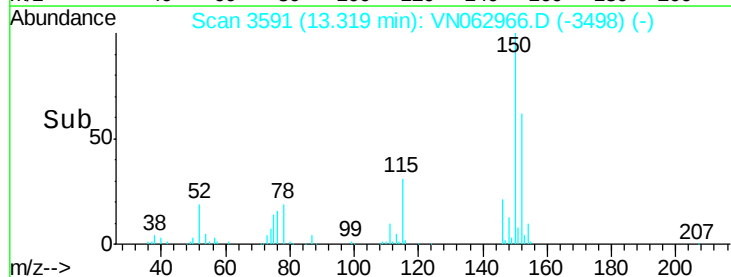
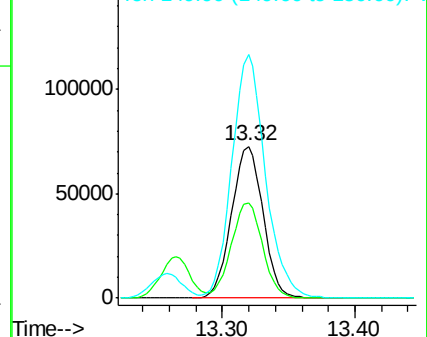
152 100

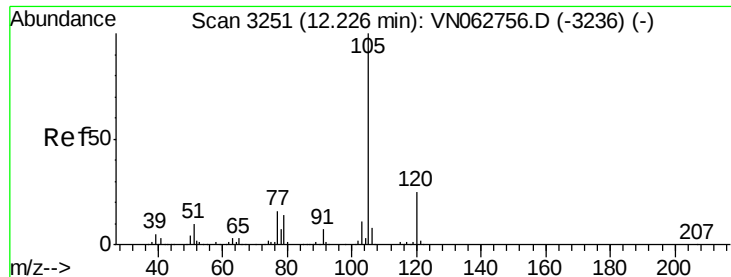
115 62.9 31.6 94.8

150 169.8 0.0 349.2



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: 46.631 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

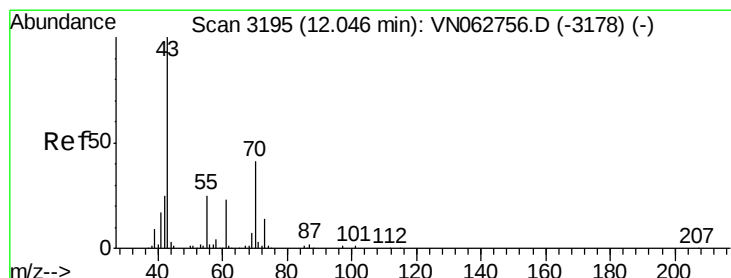
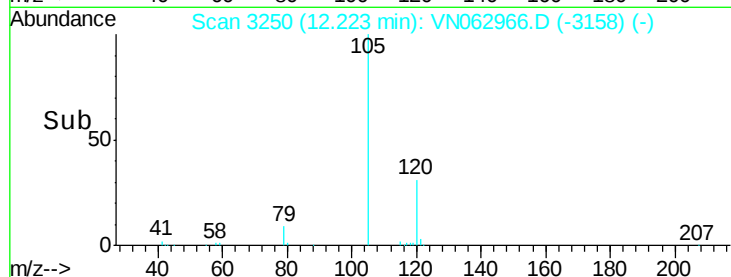
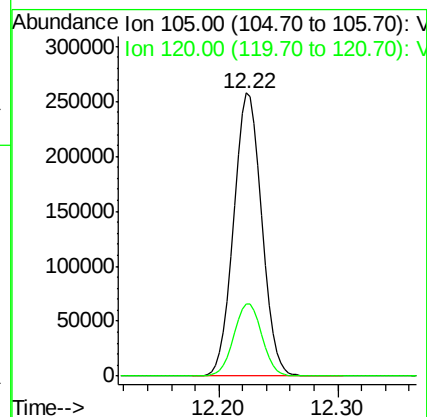
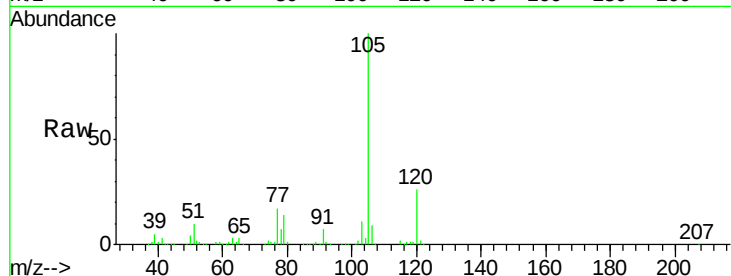
VSTDCCC050EC

Tgt Ion:105 Resp: 421925

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 45.051 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion: 43 Resp: 165193

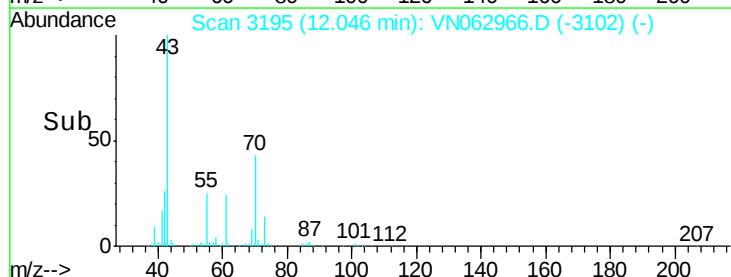
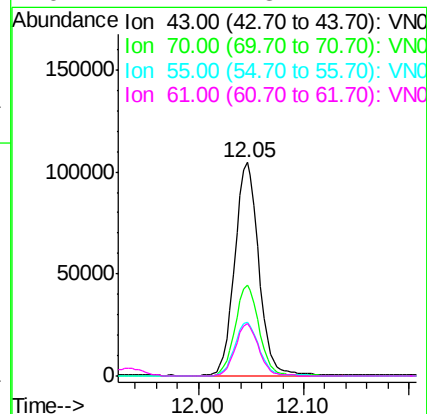
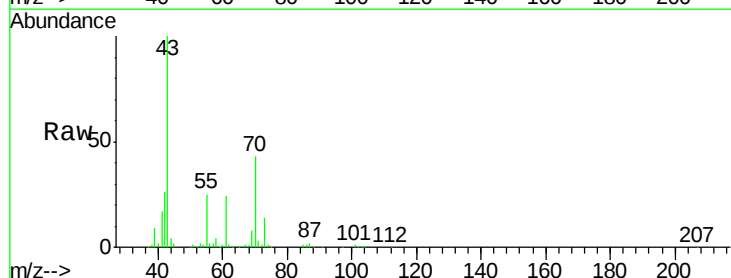
Ion Ratio Lower Upper

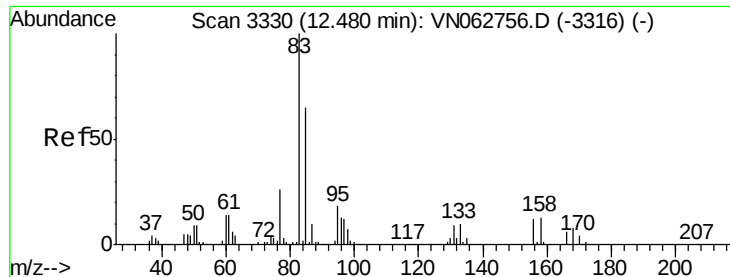
43 100

70 42.4 32.3 48.5

55 25.6 20.2 30.2

61 24.1 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 42.766 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

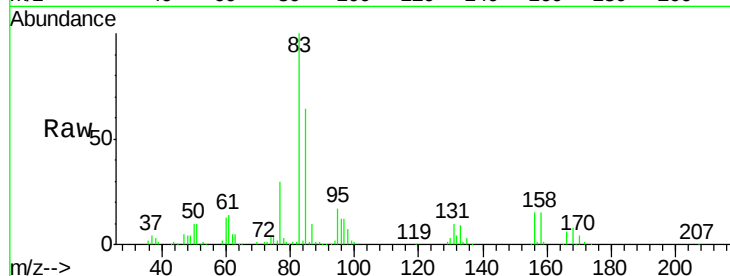
Tgt Ion: 83 Resp: 136218

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

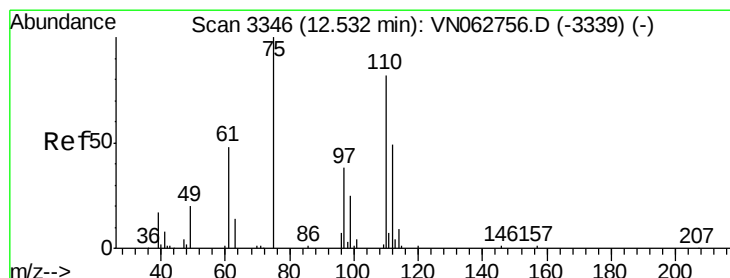
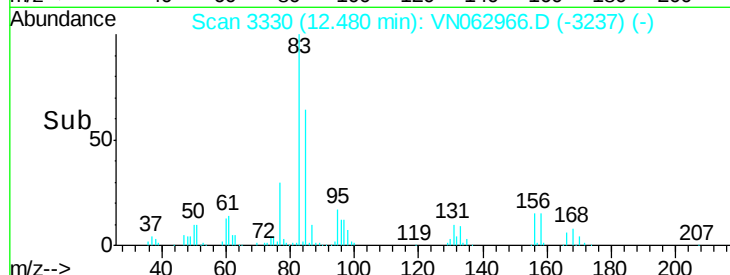
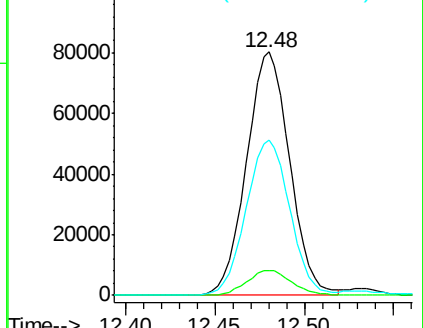
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062966.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062966.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062966.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 55.453 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062966.D

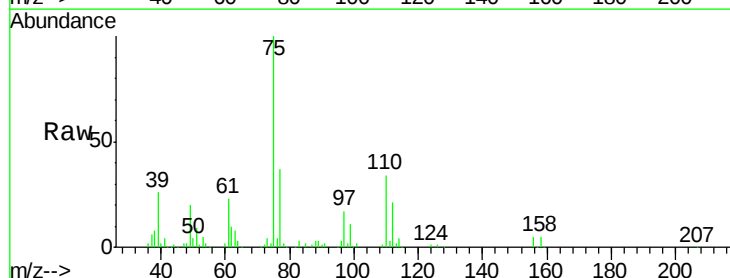
Acq: 15 Aug 2020 4:37

Tgt Ion: 75 Resp: 179705

Ion Ratio Lower Upper

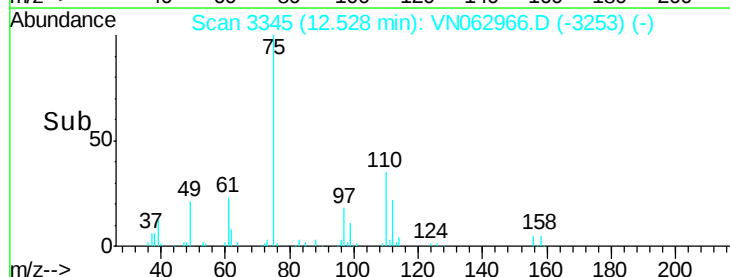
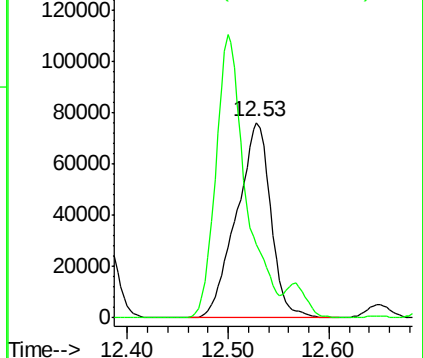
75 100

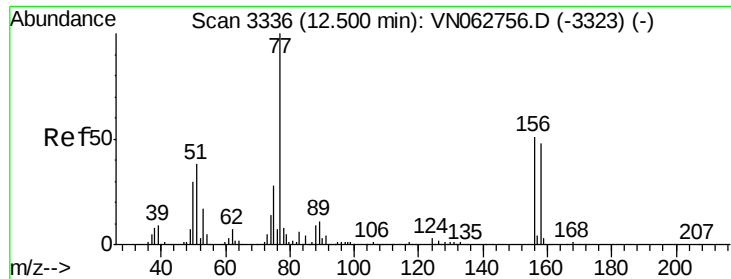
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062966.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062966.D (-3253) (-)





#77

Bromobenzene

Concen: 47.230 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

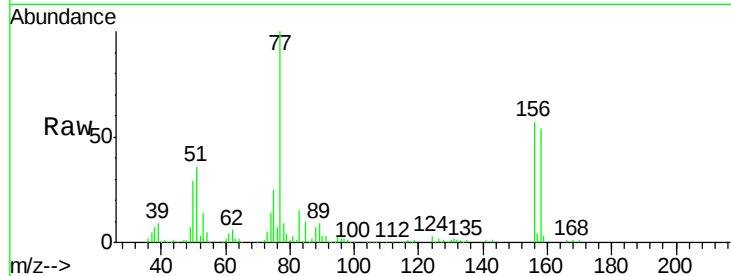
Tgt Ion:156 Resp: 106183

Ion Ratio Lower Upper

156 100

77 215.4 119.7 359.1

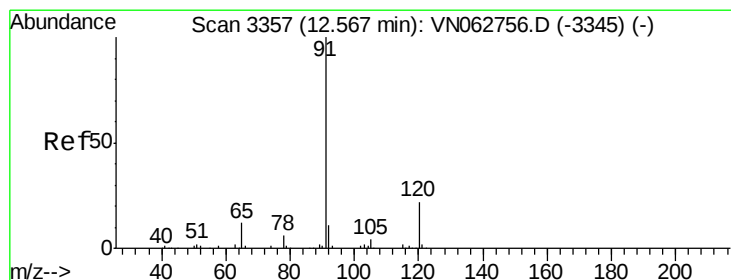
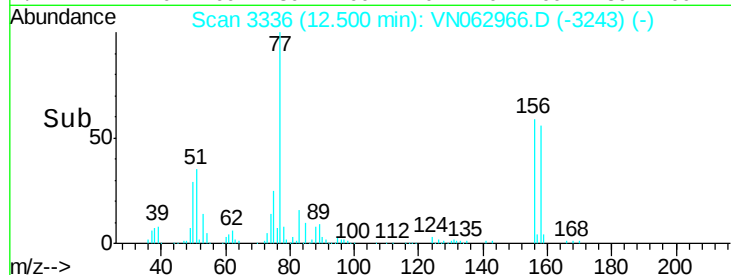
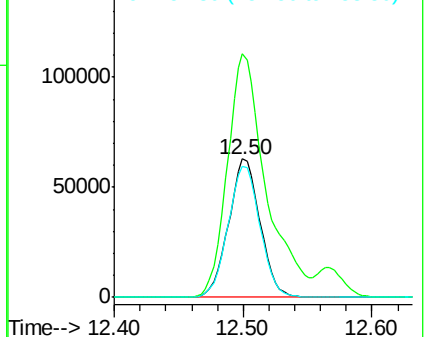
158 96.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.074 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062966.D

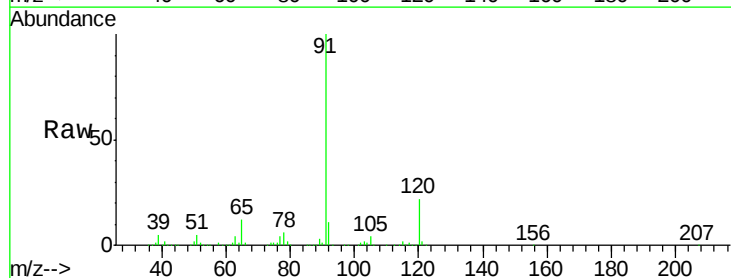
Acq: 15 Aug 2020 4:37

Tgt Ion: 91 Resp: 489362

Ion Ratio Lower Upper

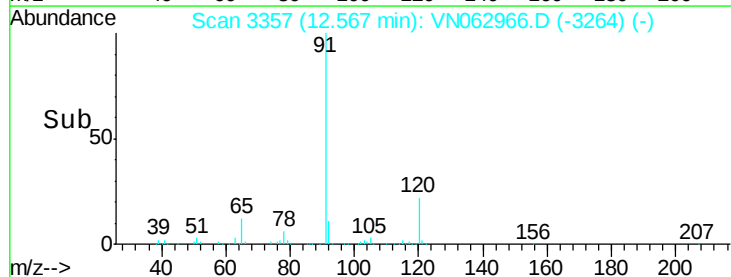
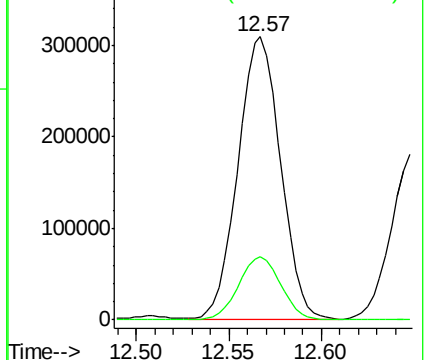
91 100

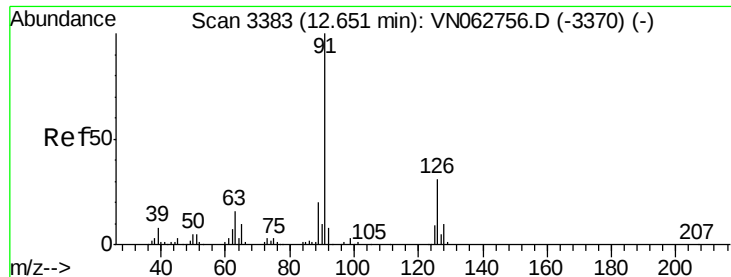
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.053 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

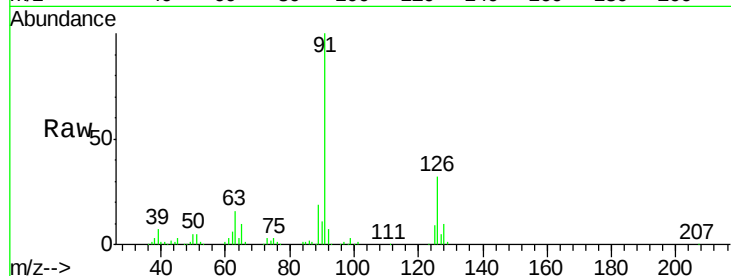
VSTDCCC050EC

Tgt Ion: 91 Resp: 300074

Ion Ratio Lower Upper

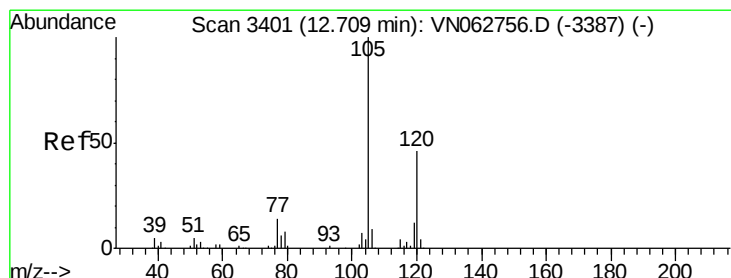
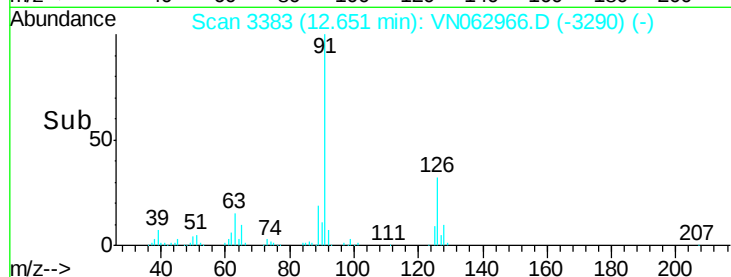
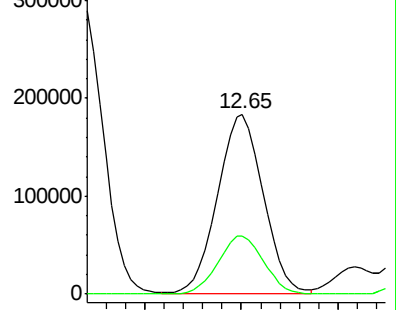
91 100

126 32.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062966.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062966.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.644 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062966.D

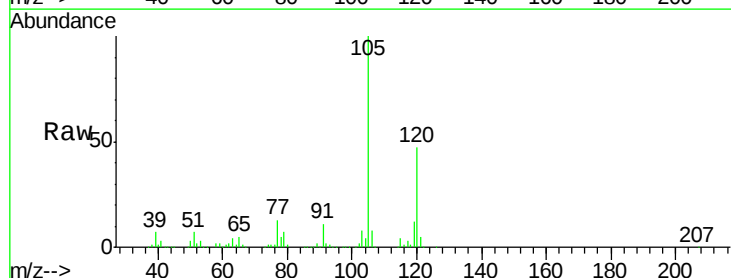
Acq: 15 Aug 2020 4:37

Tgt Ion: 105 Resp: 381847

Ion Ratio Lower Upper

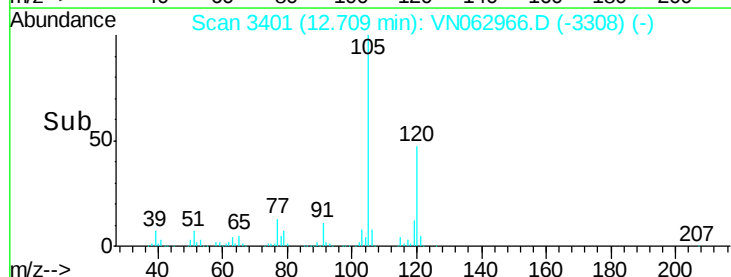
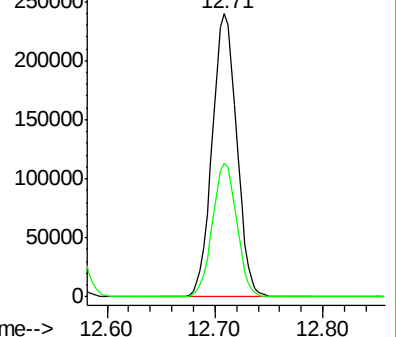
105 100

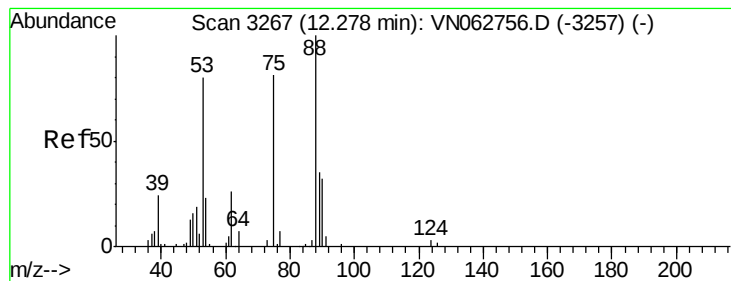
120 46.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062966.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062966.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.625 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

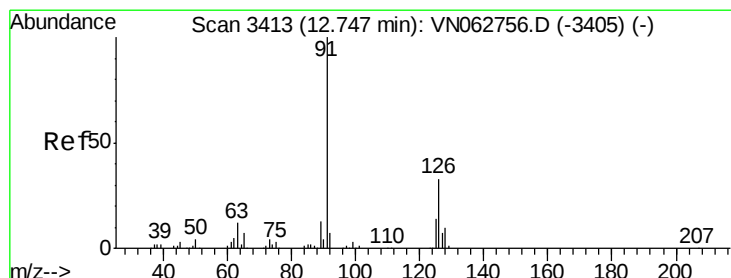
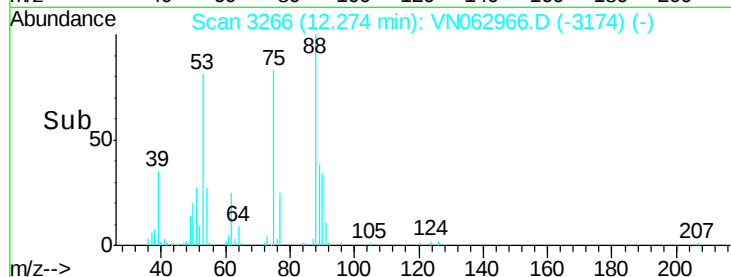
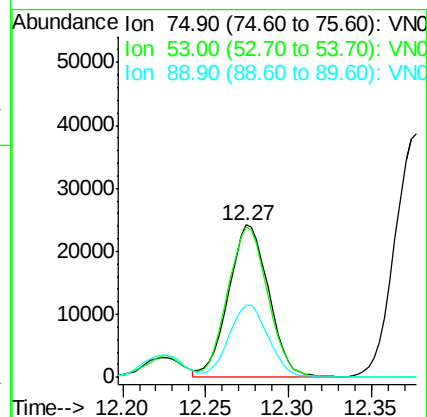
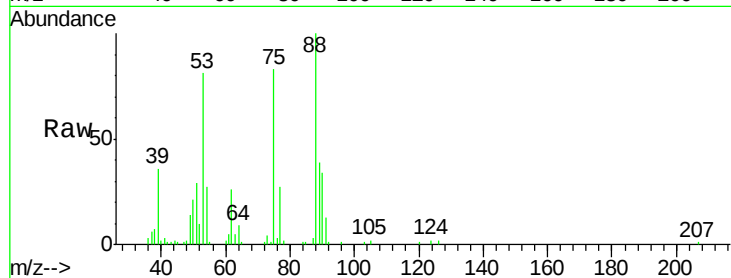
Tgt Ion: 75 Resp: 41003

Ion Ratio Lower Upper

75 100

53 98.3 79.1 118.7

89 46.8 36.2 54.2



#82

4-Chlorotoluene

Concen: 46.553 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062966.D

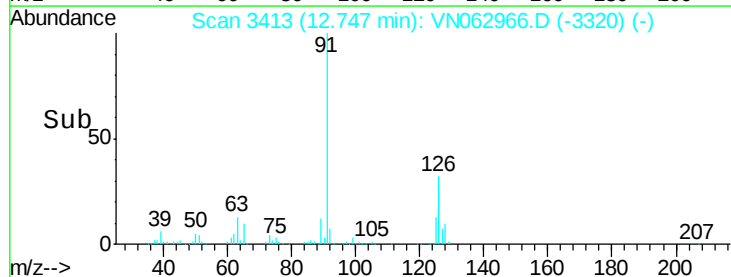
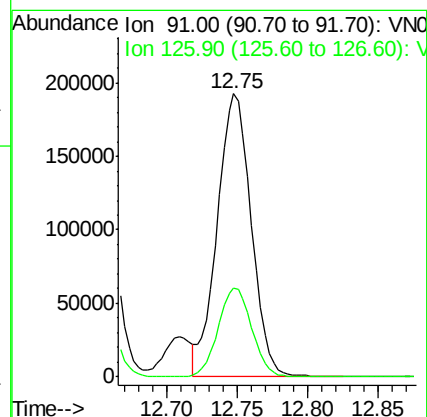
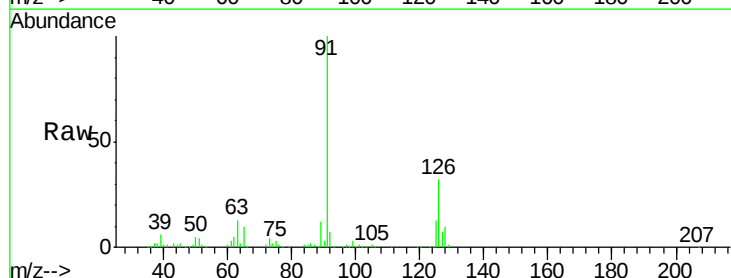
Acq: 15 Aug 2020 4:37

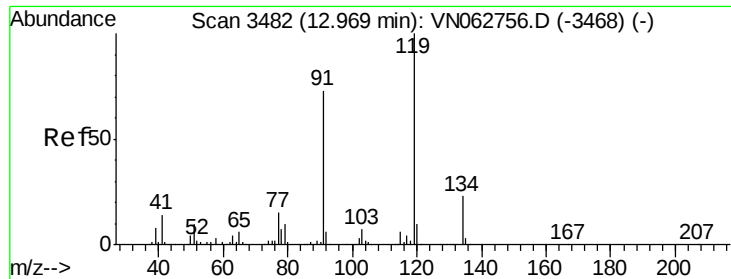
Tgt Ion: 91 Resp: 319534

Ion Ratio Lower Upper

91 100

126 31.0 15.3 45.9

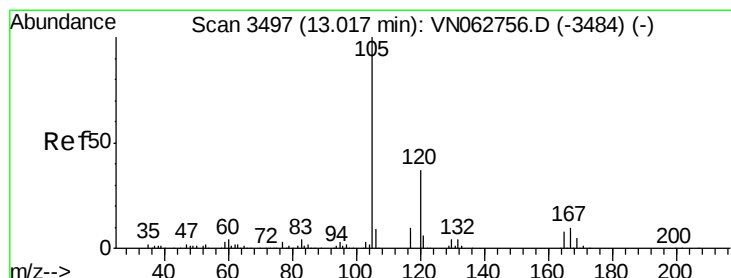
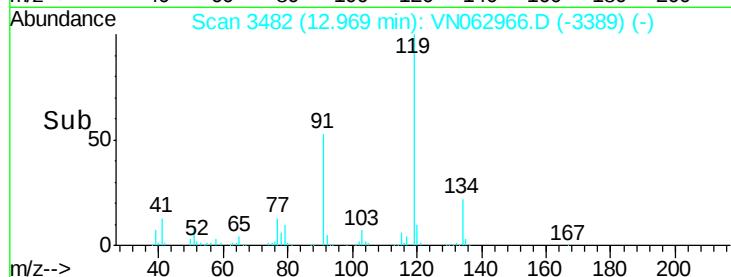
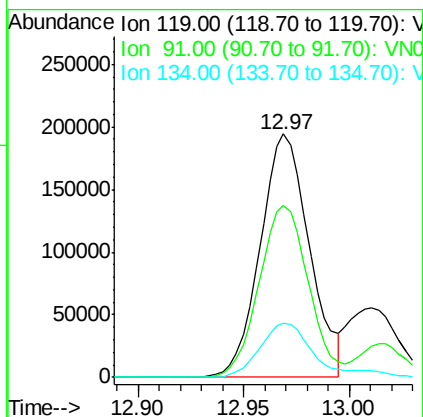
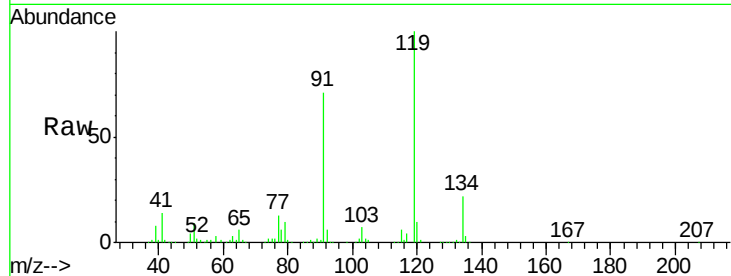




#83
 tert-Butylbenzene
 Concen: 47.476 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

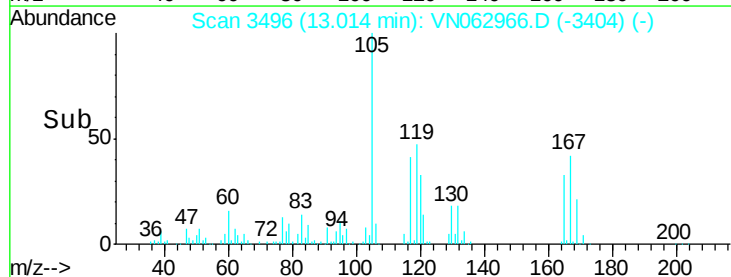
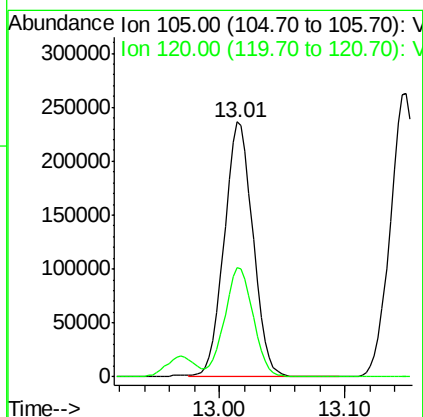
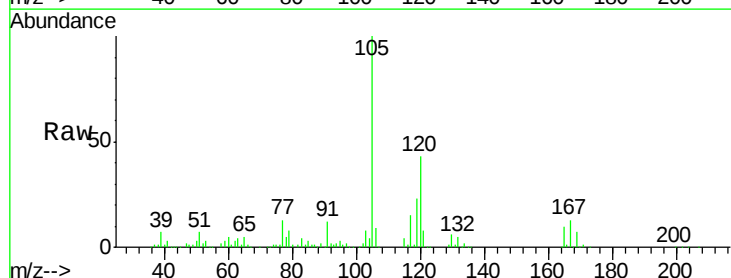
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

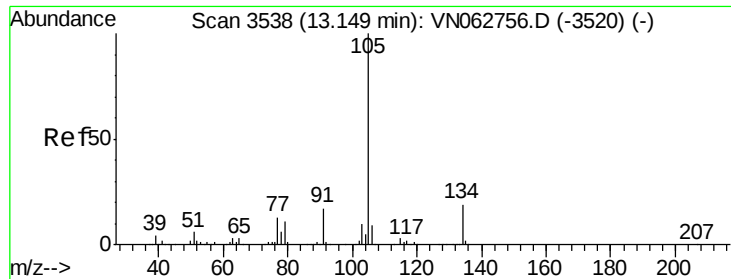
Tgt Ion:119 Resp: 315344
 Ion Ratio Lower Upper
 119 100
 91 71.0 36.5 109.5
 134 25.1 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.092 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:105 Resp: 376175
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.4 64.2

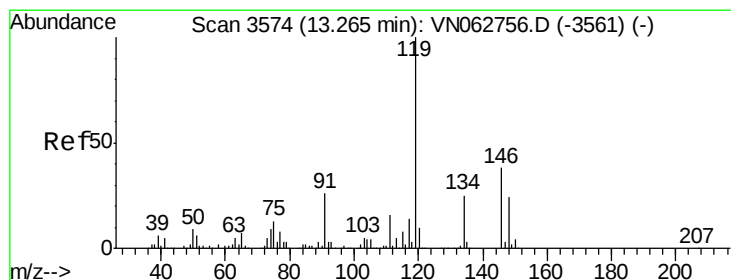
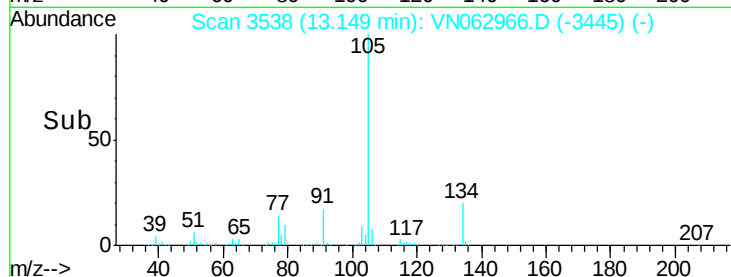
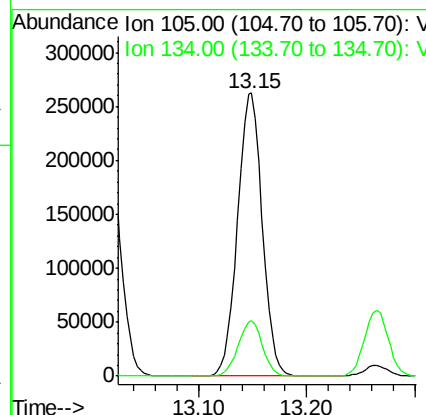
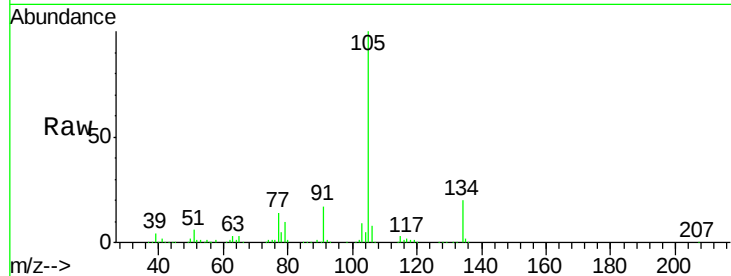




#85
 sec-Butylbenzene
 Concen: 47.601 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

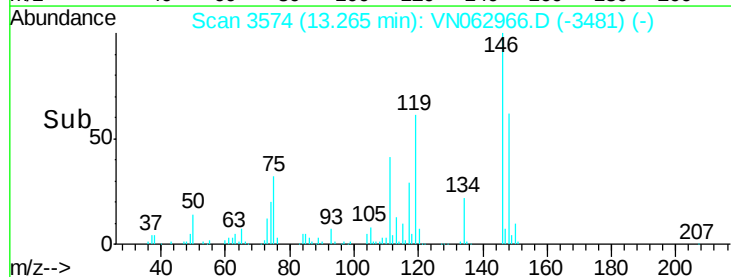
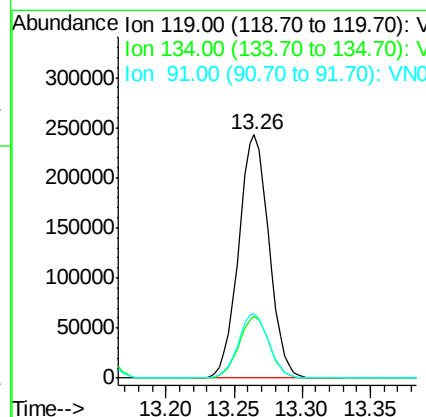
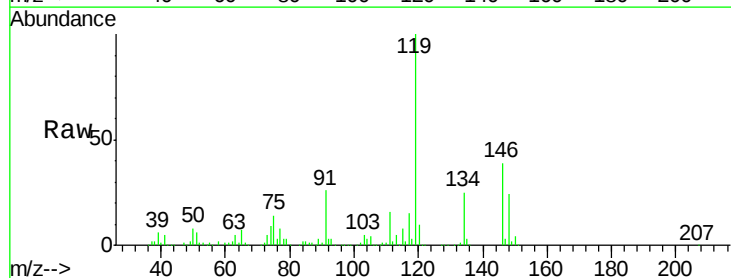
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

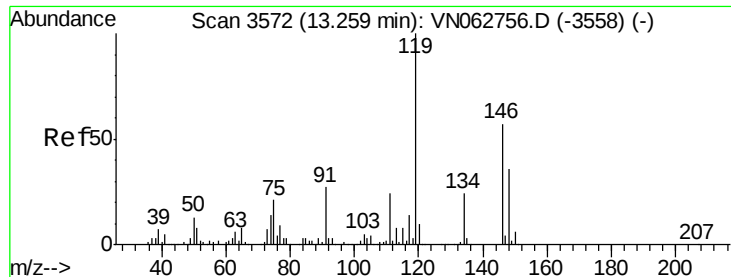
Tgt Ion:105 Resp: 415206
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 48.496 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:119 Resp: 375483
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 47.551 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

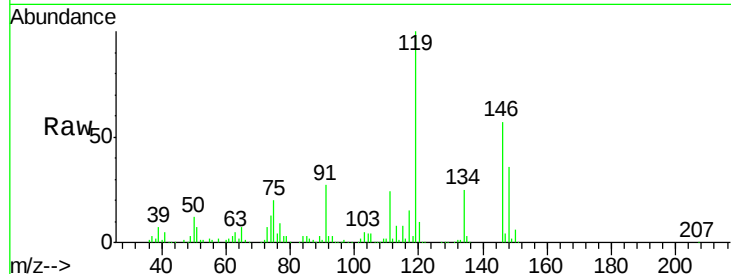
Tgt Ion:146 Resp: 190980

Ion Ratio Lower Upper

146 100

111 41.7 21.7 65.1

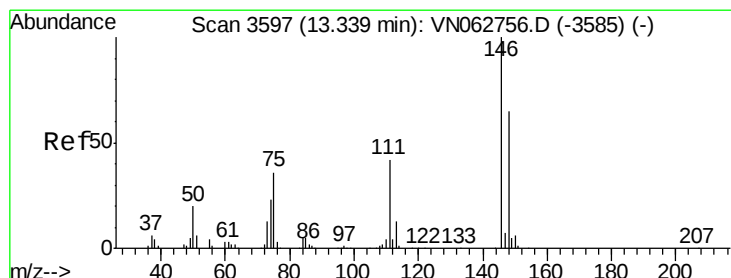
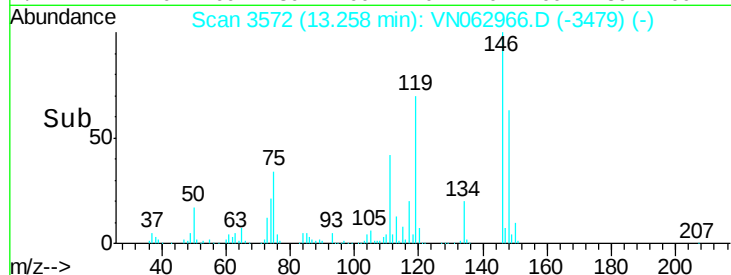
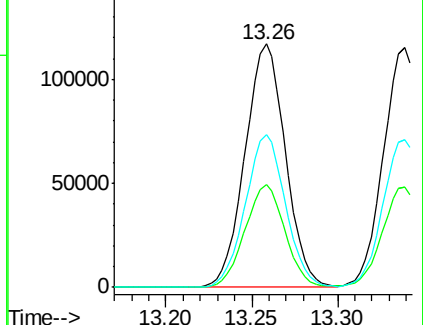
148 62.1 31.4 94.2



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



#88

1,4-Dichlorobenzene

Concen: 46.508 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

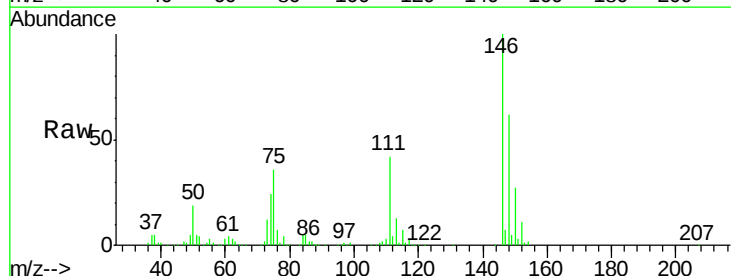
Tgt Ion:146 Resp: 187348

Ion Ratio Lower Upper

146 100

111 42.5 21.6 64.6

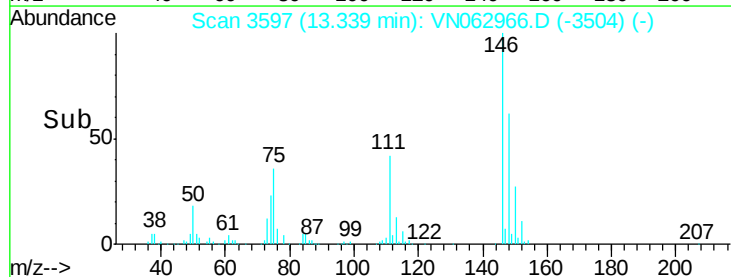
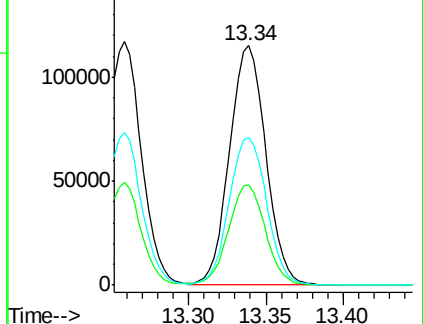
148 63.2 32.6 97.8

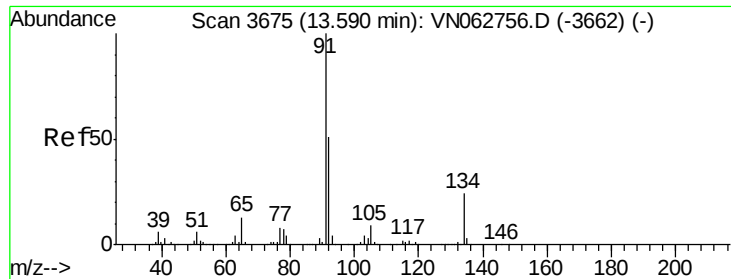


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.600 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

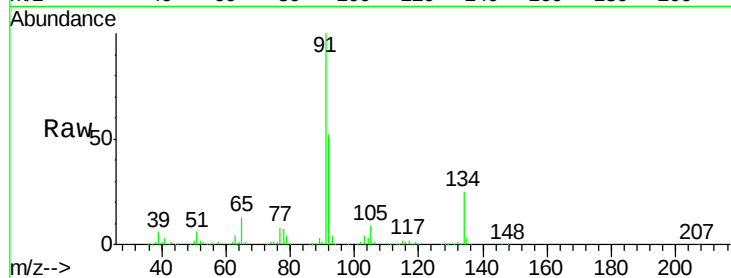
Tgt Ion: 91 Resp: 298597

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.0

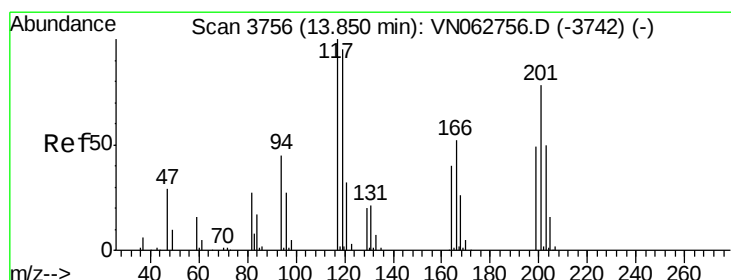
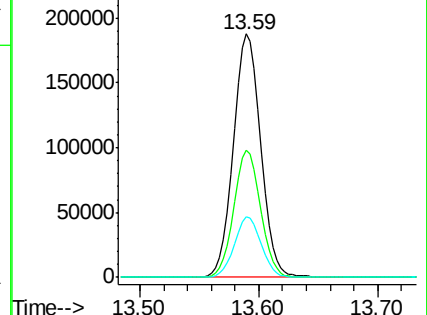
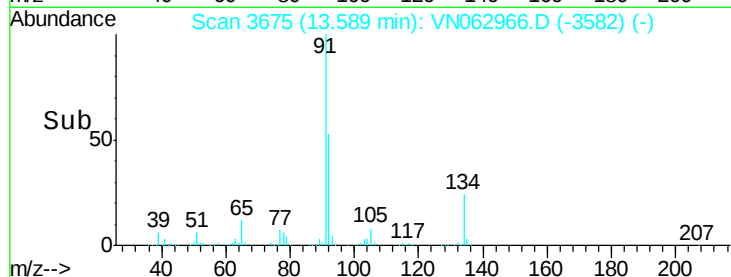
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062966.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062966.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062966.D (-3663) (-)



#90

Hexachloroethane

Concen: 43.736 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062966.D

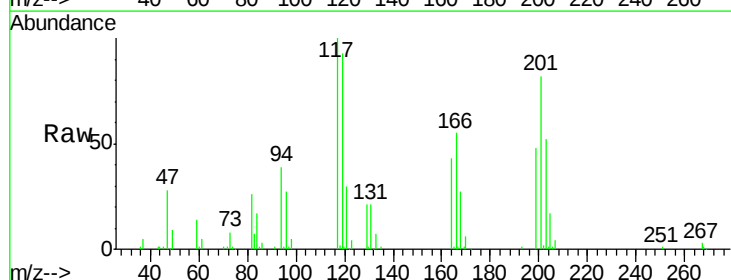
Acq: 15 Aug 2020 4:37

Tgt Ion: 117 Resp: 72991

Ion Ratio Lower Upper

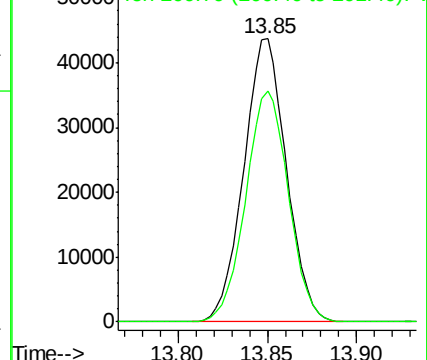
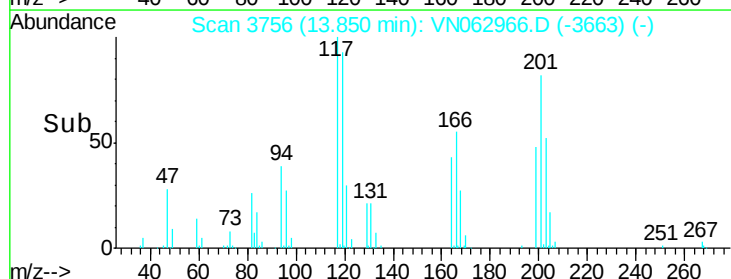
117 100

201 81.7 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062966.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062966.D (-3663) (-)

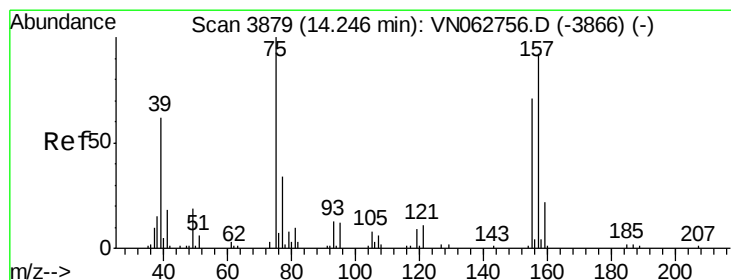
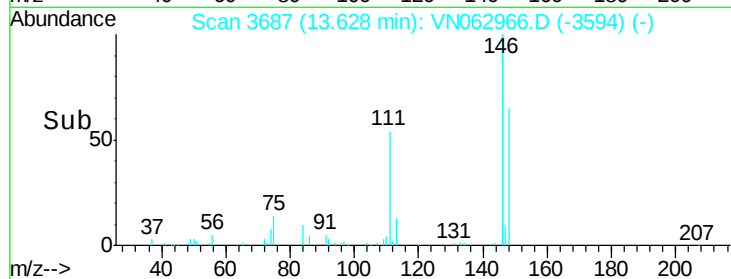
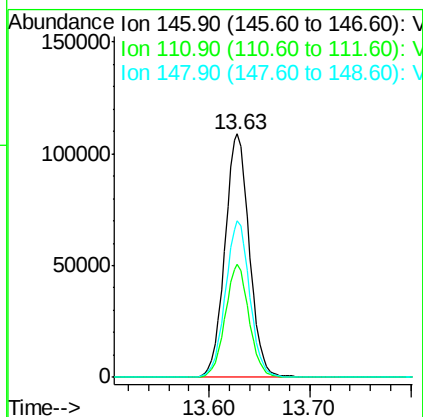
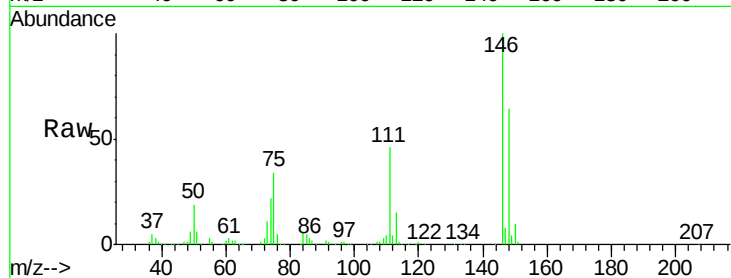




#91
 1,2-Dichlorobenzene
 Concen: 48.869 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

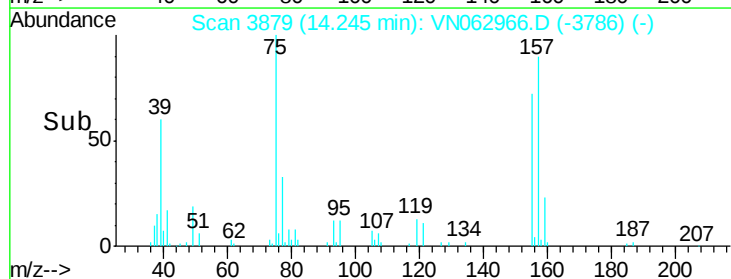
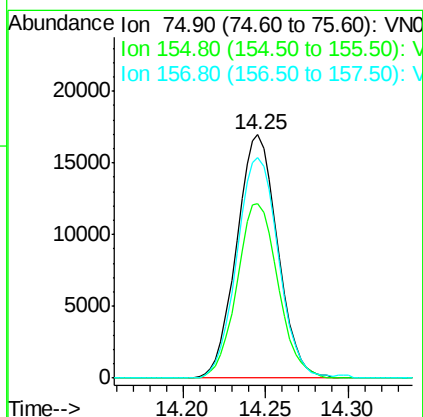
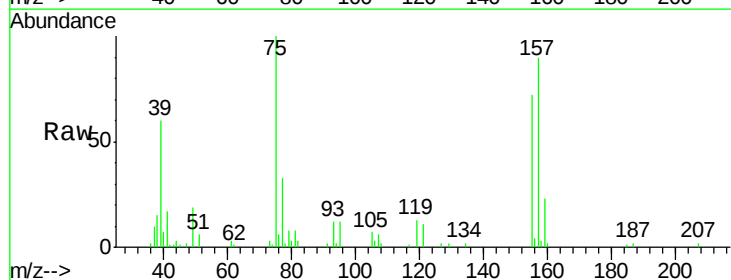
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

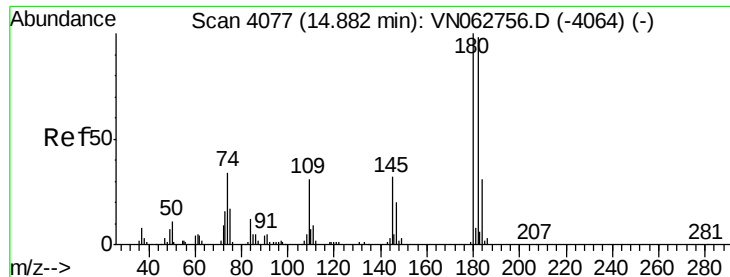
Tgt Ion: 146 Resp: 184012
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.8 68.4
 148 63.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.709 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 75 Resp: 29205
 Ion Ratio Lower Upper
 75 100
 155 71.6 35.0 105.1
 157 91.7 43.2 129.6

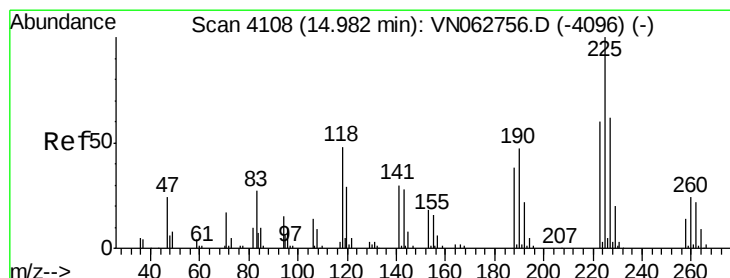
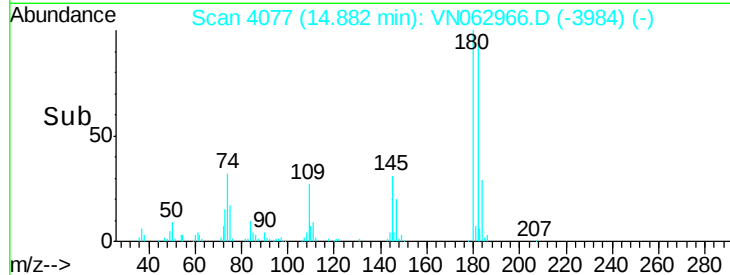
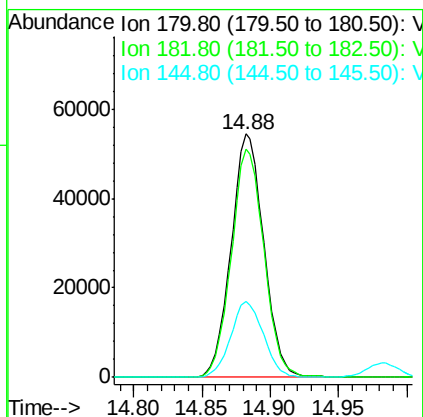
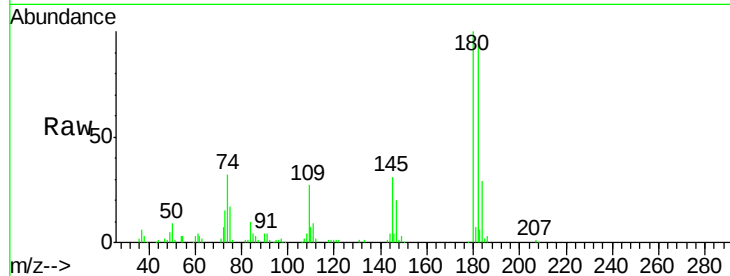




#93
 1,2,4-Trichlorobenzene
 Concen: 45.087 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

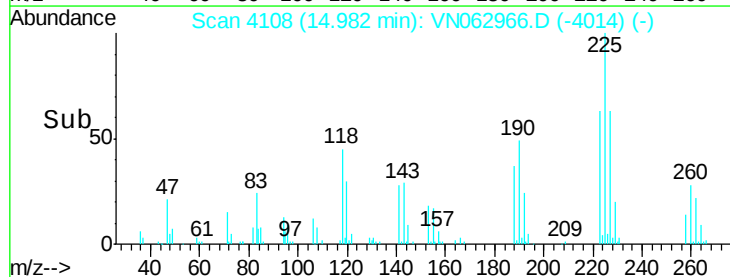
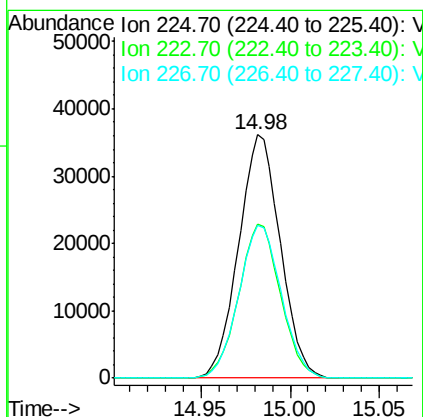
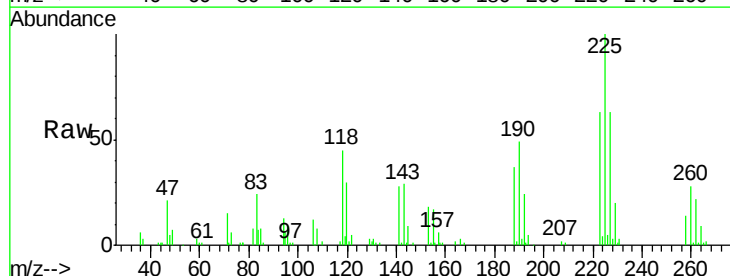
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

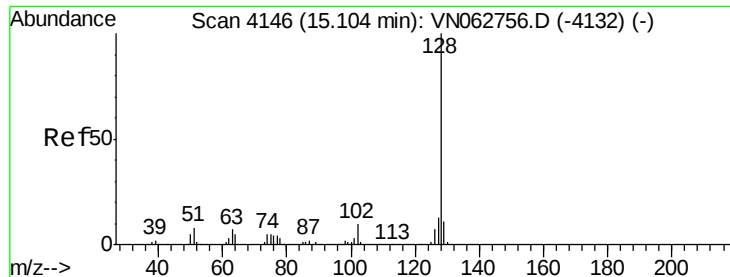
Tgt Ion:180 Resp: 90469
 Ion Ratio Lower Upper
 180 100
 182 93.8 49.1 147.4
 145 31.2 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 49.757 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:225 Resp: 58979
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.6 92.0
 227 64.2 31.6 95.0





#95

Naphthalene

Concen: 42.130 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

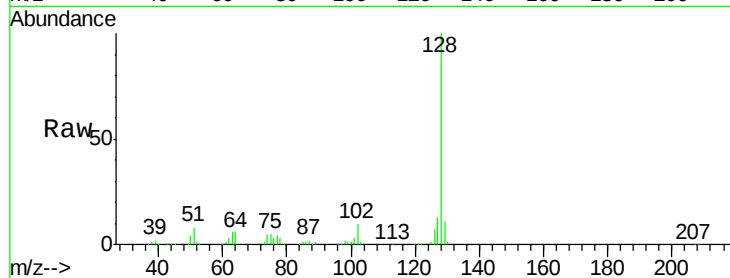
Tgt Ion:128 Resp: 229242

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

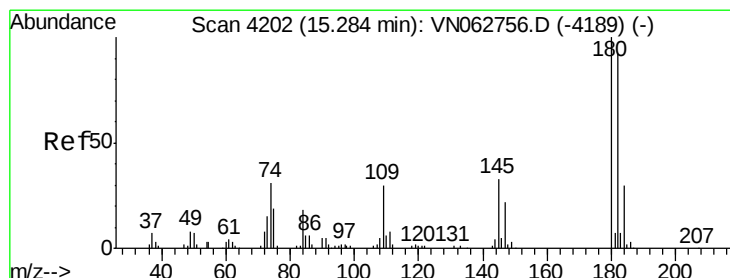
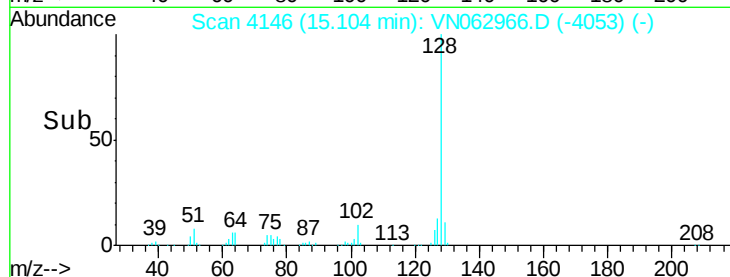
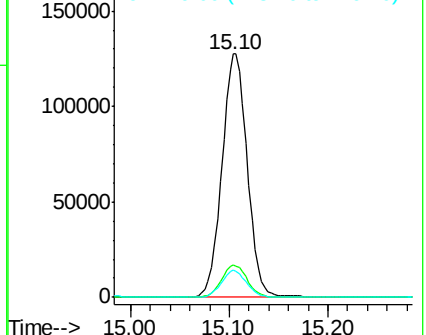
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.867 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

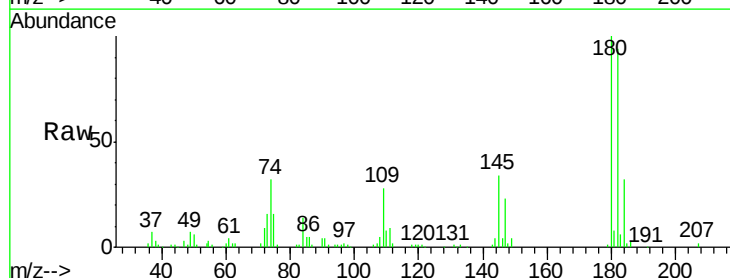
Tgt Ion:180 Resp: 88833

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 34.1 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

