

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062794.D
 Acq On : 7 Aug 2020 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 02:16:18 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	171098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	129439	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
35) Dibromofluoromethane	7.55	113	90252	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	10.06	98	349388	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
62) 4-Bromofluorobenzene	12.38	95	128683	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	128503	52.449	ug/l	100
3) Chloromethane	2.04	50	132347	57.243	ug/l	100
4) Vinyl Chloride	2.16	62	124055	57.207	ug/l	98
5) Bromomethane	2.50	94	69357	48.315	ug/l	99
6) Chloroethane	2.65	64	73135	51.265	ug/l	97
7) Trichlorofluoromethane	2.97	101	183980	47.579	ug/l	98
8) Diethyl Ether	3.37	74	53231	48.087	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80589	51.706	ug/l	98
10) Methyl Iodide	3.91	142	101591	54.205	ug/l	95
11) Tert butyl alcohol	4.74	59	98563	212.541	ug/l	98
12) 1,1-Dichloroethene	3.69	96	71923	49.345	ug/l	100
13) Acrolein	3.57	56	63883	227.522	ug/l	100
14) Allyl chloride	4.27	41	136243	45.482	ug/l	96
15) Acrylonitrile	4.93	53	267081	248.312	ug/l	99
16) Acetone	3.78	43	221588	216.738	ug/l	98
17) Carbon Disulfide	4.00	76	201710	48.734	ug/l	97
18) Methyl Acetate	4.28	43	125121	51.784	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	324820	49.000	ug/l	99
20) Methylene Chloride	4.50	84	92577	49.472	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	80099	46.781	ug/l	98
22) Diisopropyl ether	5.90	45	326644	51.223	ug/l	97
23) Vinyl Acetate	5.84	43	1138857	234.796	ug/l	99
24) 1,1-Dichloroethane	5.80	63	176746	47.296	ug/l	99
25) 2-Butanone	6.79	43	344720	238.066	ug/l	99
26) 2,2-Dichloropropane	6.77	77	117285	34.048	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	97640	47.538	ug/l	94
28) Bromochloromethane	7.15	49	85048	47.155	ug/l	97
29) Tetrahydrofuran	7.17	42	225698	239.921	ug/l	100
30) Chloroform	7.33	83	185386	46.679	ug/l	98
31) Cyclohexane	7.61	56	165453	48.231	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	162254	45.695	ug/l	97
36) 1,1-Dichloropropene	7.75	75	126270	46.028	ug/l	99
37) Ethyl Acetate	6.88	43	129723	45.267	ug/l	99
38) Carbon Tetrachloride	7.73	117	140411	43.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	160955	48.753	ug/l	97
40) Benzene	8.00	78	374419	45.738	ug/l	100
41) Methacrylonitrile	7.17	41	207419	160.401	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	156122	44.808	ug/l	99
43) Isopropyl Acetate	8.13	43	223347	46.726	ug/l #	91
44) Trichloroethene	8.80	130	90679	45.466	ug/l	96
45) 1,2-Dichloropropane	9.08	63	106995	48.292	ug/l	97
46) Dibromomethane	9.17	93	68963	47.505	ug/l	99
47) Bromodichloromethane	9.37	83	155300	47.632	ug/l	99
48) Methyl methacrylate	9.17	41	110195	46.870	ug/l	99
49) 1,4-Dioxane	9.17	88	39570	908.323	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	739716	239.184	ug/l	100
52) Toluene	10.12	92	238476	47.182	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	159705	44.531	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	165539	45.973	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	99558	46.120	ug/l	98
56) Ethyl methacrylate	10.40	69	160781	49.482	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175475	47.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	221981	241.692	ug/l	100
59) 2-Hexanone	10.72	43	546768	237.009	ug/l	100
60) Dibromochloromethane	10.88	129	118527	48.114	ug/l	98
61) 1,2-Dibromoethane	10.98	107	99712	46.811	ug/l	99
64) Tetrachloroethene	10.60	164	78412	46.199	ug/l	98
65) Chlorobenzene	11.41	112	257855	46.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106192	48.089	ug/l	97
67) Ethyl Benzene	11.49	91	477955	48.571	ug/l	98
68) m/p-Xylenes	11.60	106	352647	98.725	ug/l	98
69) o-Xylene	11.92	106	168640	50.379	ug/l	98
70) Styrene	11.94	104	304811	51.803	ug/l	97
71) Bromoform	12.10	173	84741	46.902	ug/l #	100
73) Isopropylbenzene	12.23	105	471824	47.759	ug/l	99
74) N-amyl acetate	12.05	43	199922	49.936	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	157891	45.400	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	207419	58.621	ug/l #	100
77) Bromobenzene	12.50	156	113924	46.411	ug/l	95
78) n-propylbenzene	12.57	91	552805	47.669	ug/l	100
79) 2-Chlorotoluene	12.65	91	337417	46.398	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424947	49.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	51418	44.362	ug/l	99
82) 4-Chlorotoluene	12.75	91	358577	47.847	ug/l	99
83) tert-Butylbenzene	12.97	119	354090	48.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	415867	50.719	ug/l	100
85) sec-Butylbenzene	13.15	105	466138	48.945	ug/l	100
86) p-Isopropyltoluene	13.26	119	419161	49.584	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205679	46.903	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205461	46.714	ug/l	98
89) n-Butylbenzene	13.59	91	340980	47.692	ug/l	100
90) Hexachloroethane	13.85	117	82630	45.347	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	202782	49.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34516	46.230	ug/l	100

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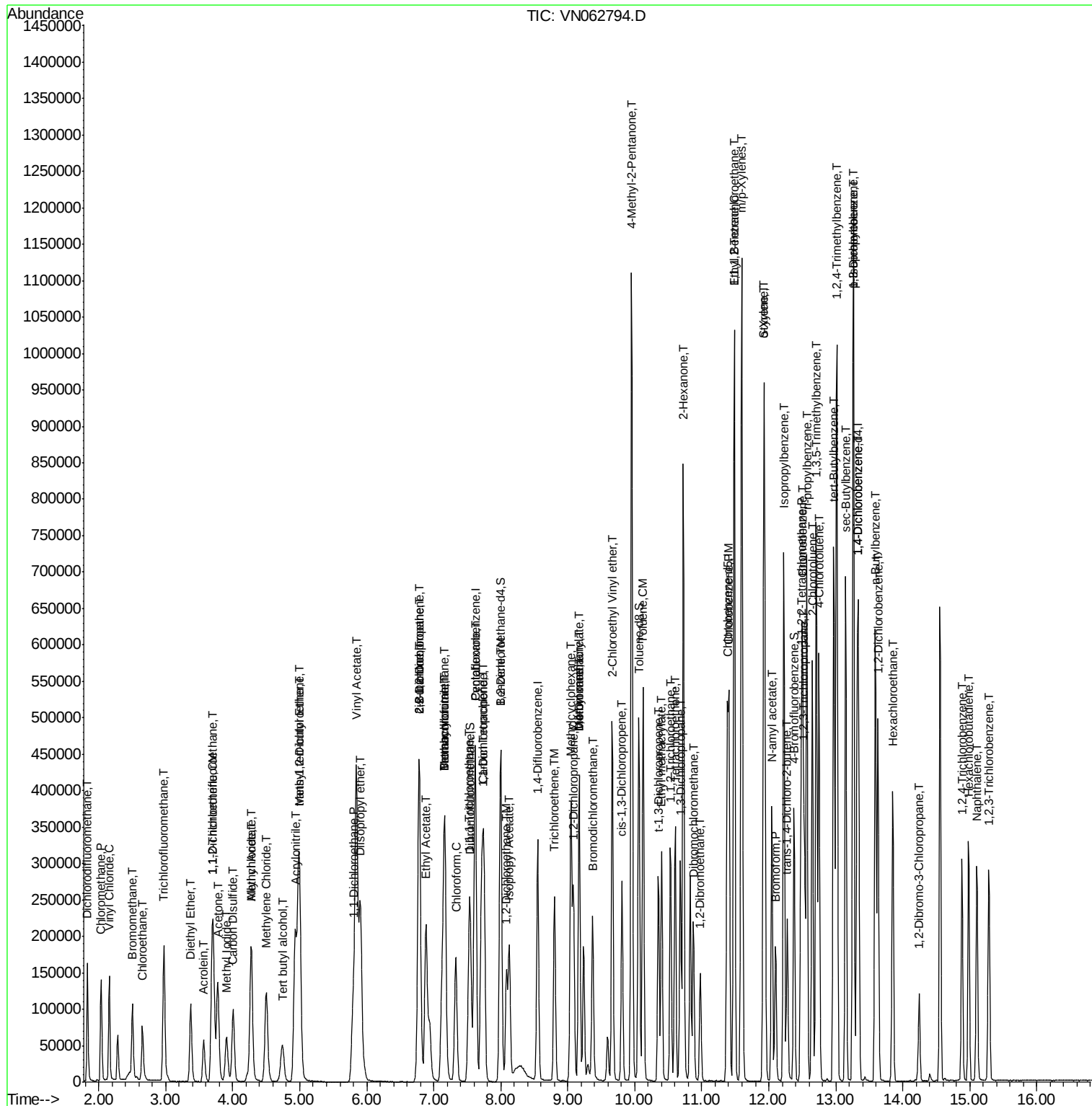
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	93582	42.890	ug/l	97
94) Hexachlorobutadiene	14.99	225	61930	47.791	ug/l	99
95) Naphthalene	15.10	128	244851	41.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	95543	44.238	ug/l	100

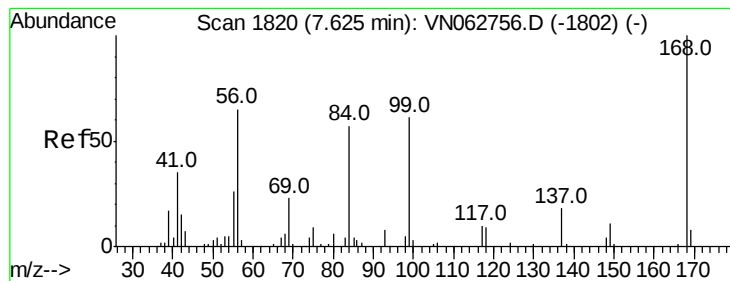
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

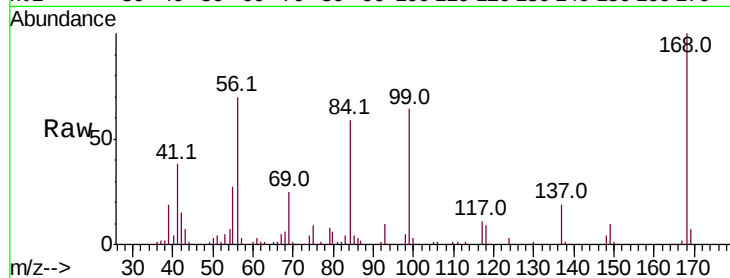
VSTDCCC050EC

Tot Ion:168 Resp: 171098

Ion Ratio Lower Upper

168 100

99 63.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

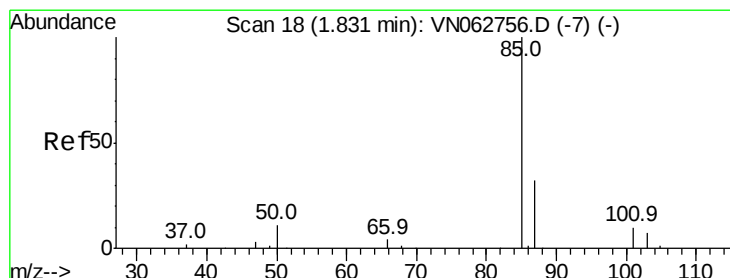
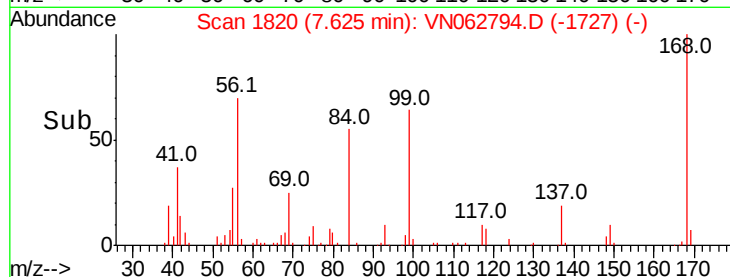
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 52.449 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062794.D

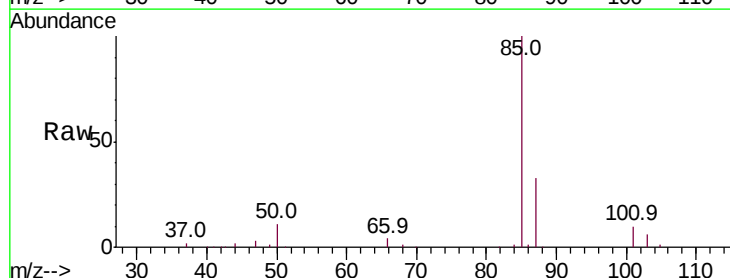
Acq: 7 Aug 2020 21:19

Tgt Ion: 85 Resp: 128503

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

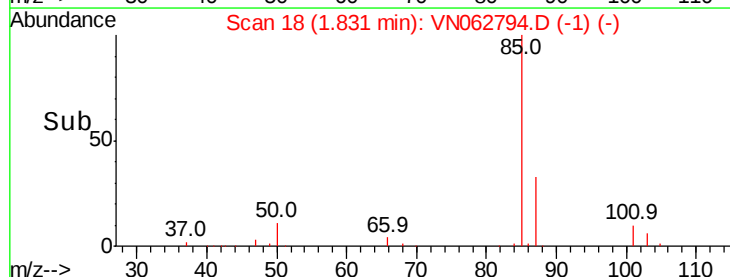
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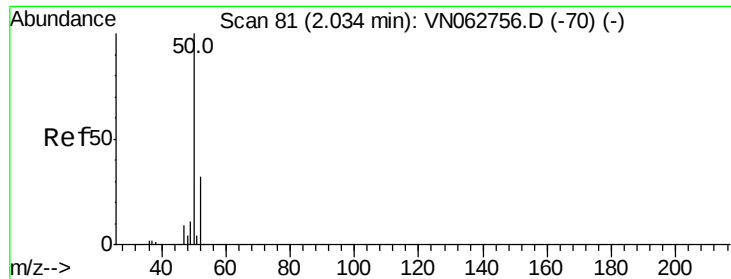
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 57.243 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

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ClientSampleId :

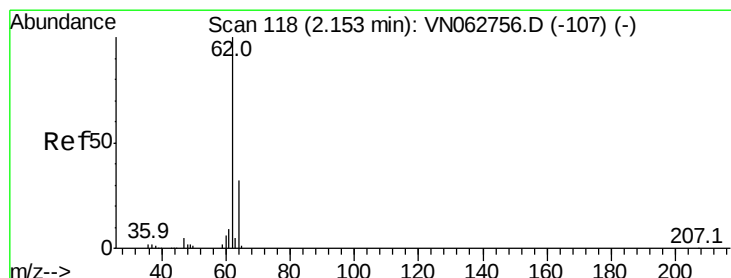
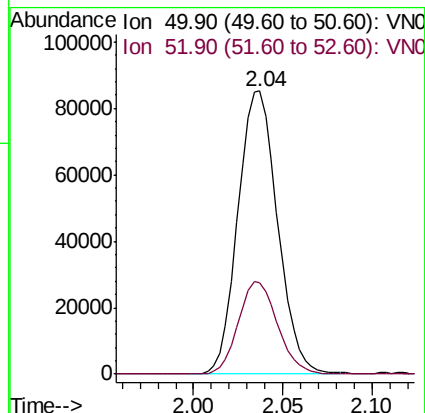
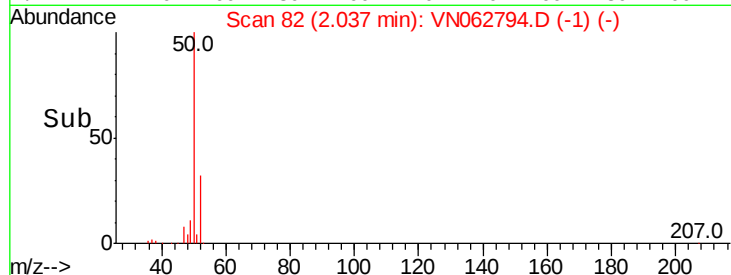
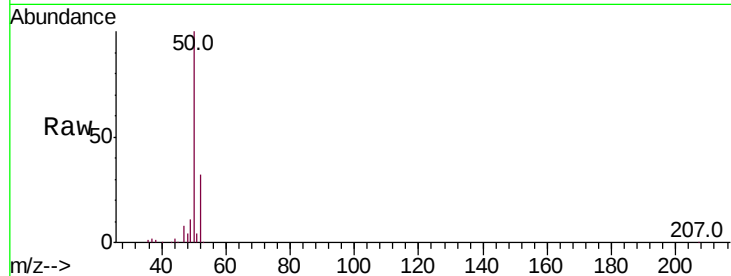
VSTDCCC050EC

Tot Ion: 50 Resp: 132347

Ion Ratio Lower Upper

50 100

52 32.2 25.6 38.4



#4

Vinyl Chloride

Concen: 57.207 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062794.D

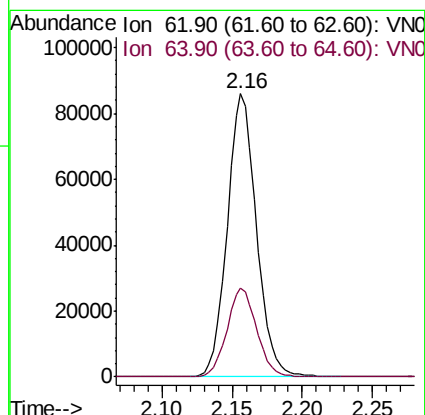
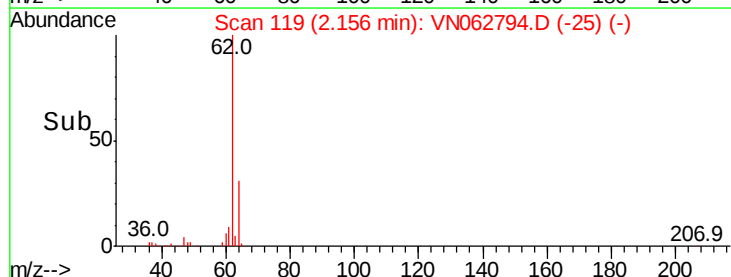
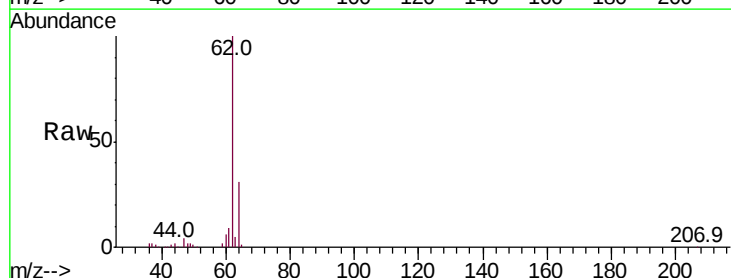
Acq: 7 Aug 2020 21:19

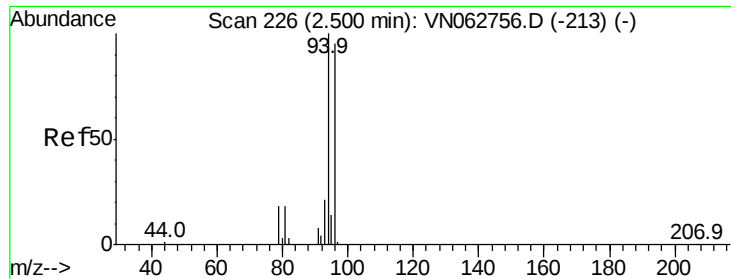
Tgt Ion: 62 Resp: 124055

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 48.315 ug/l

RT: 2.50 min Scan# 227

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

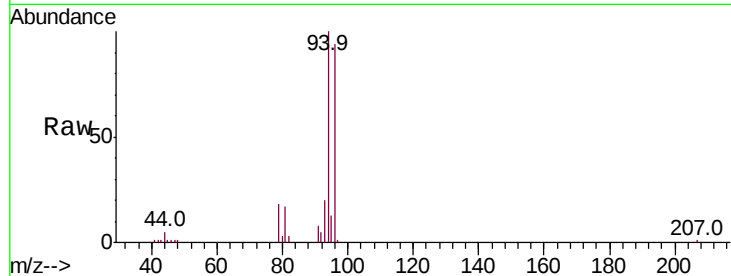
VSTDCCC050EC

Tot Ion: 94 Resp: 69357

Ion Ratio Lower Upper

94 100

96 94.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062756.D (-213) (-)

Ion 95.90 (95.60 to 96.60): VN062756.D (-213) (-)

2.50

40000

30000

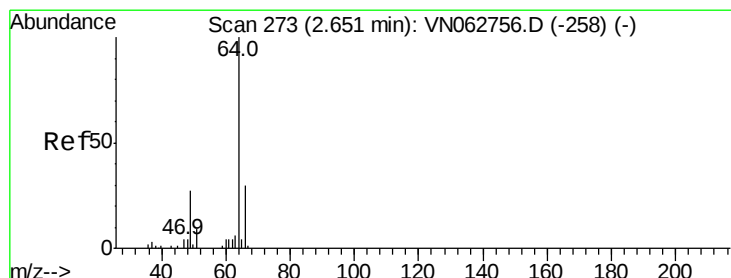
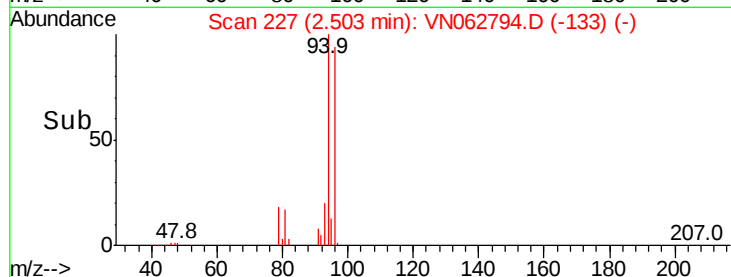
20000

10000

0

2.45 2.50 2.55

Time-->



#6

Chloroethane

Concen: 51.265 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062794.D

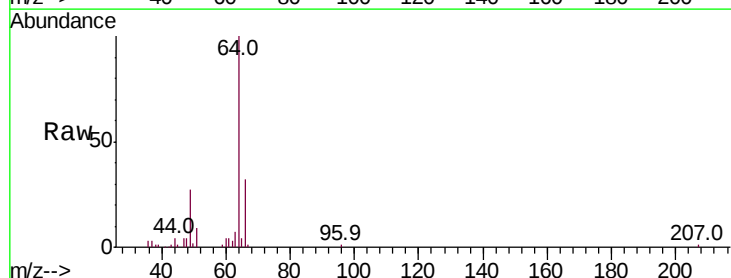
Acq: 7 Aug 2020 21:19

Tgt Ion: 64 Resp: 73135

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062756.D (-258) (-)

Ion 65.90 (65.60 to 66.60): VN062756.D (-258) (-)

2.65

40000

30000

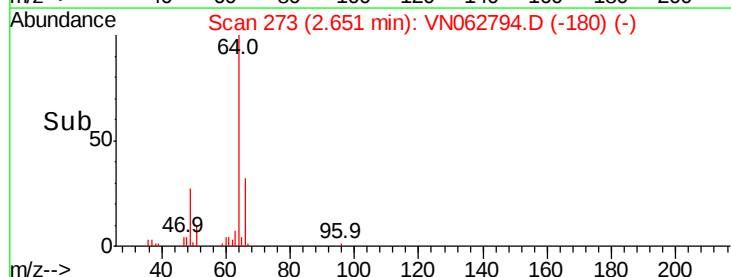
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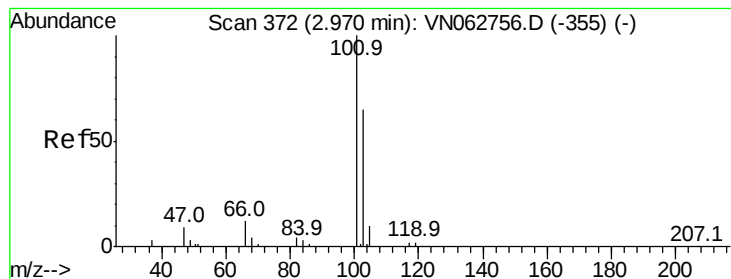
10000

0

2.60 2.65 2.70 2.80

Time-->



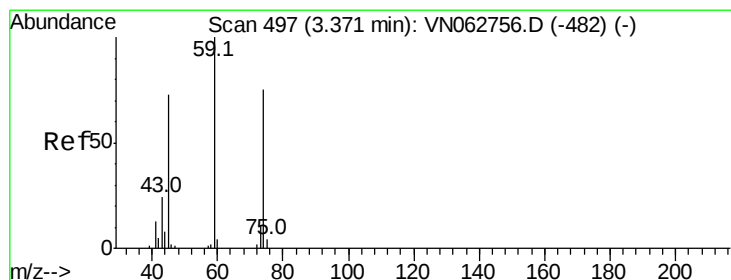
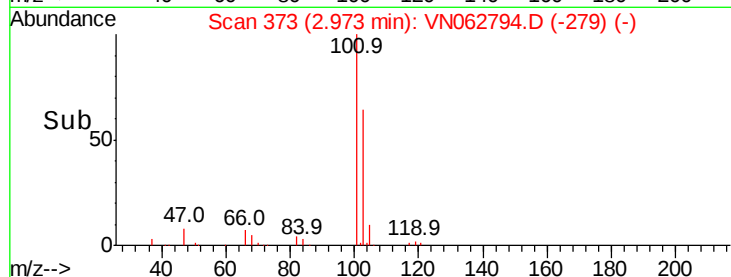
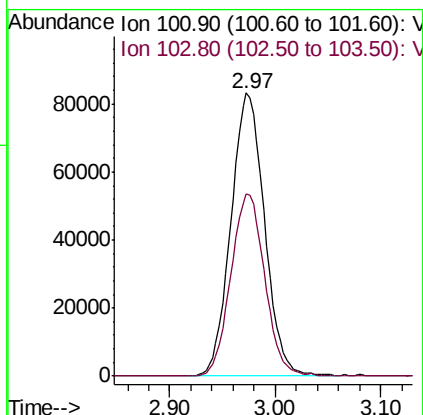
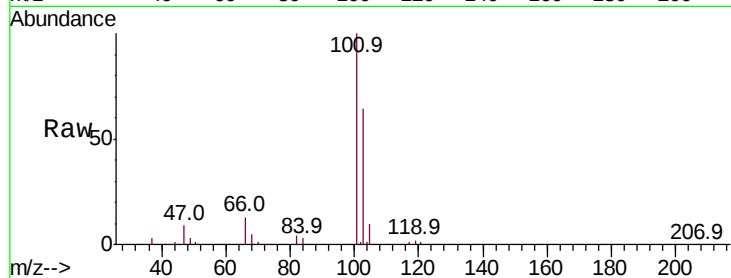


#7

Trichlorofluoromethane
 Concen: 47.579 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

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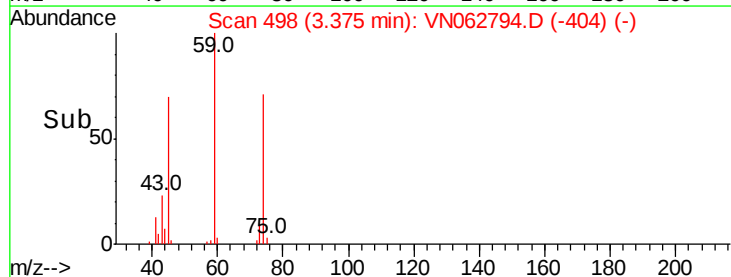
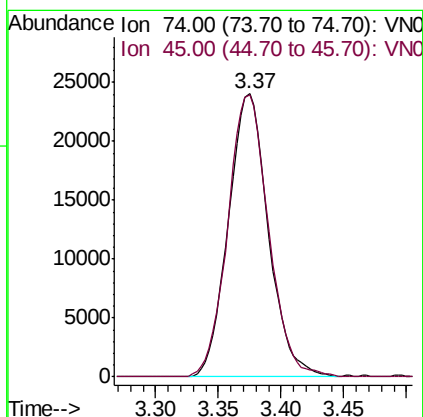
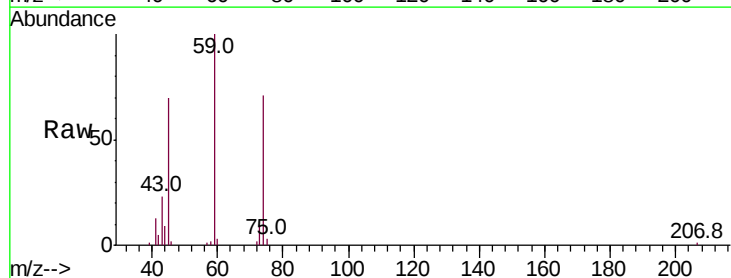
Tot Ion:101 Resp: 183980
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

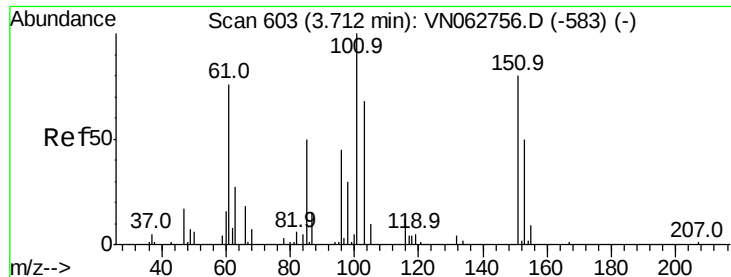


#8

Diethyl Ether
 Concen: 48.087 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 74 Resp: 53231
 Ion Ratio Lower Upper
 74 100
 45 101.7 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.706 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062794.D

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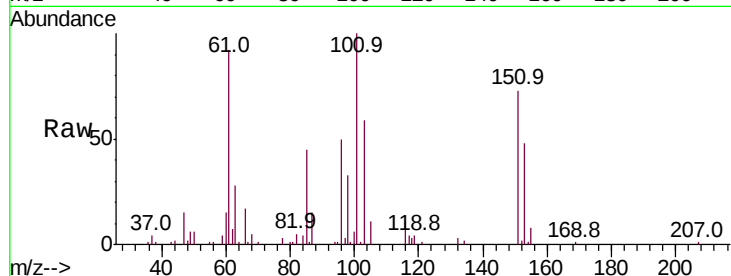
Tot Ion:101 Resp: 80589

Ion Ratio Lower Upper

101 100

85 46.1 38.5 57.7

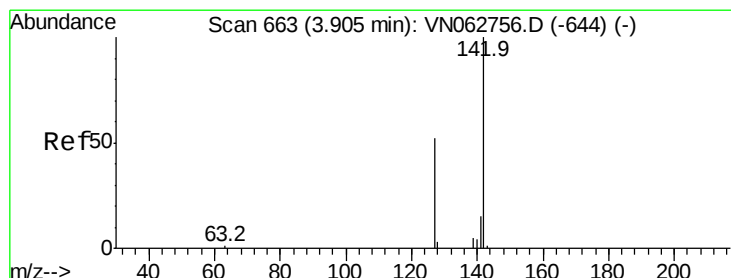
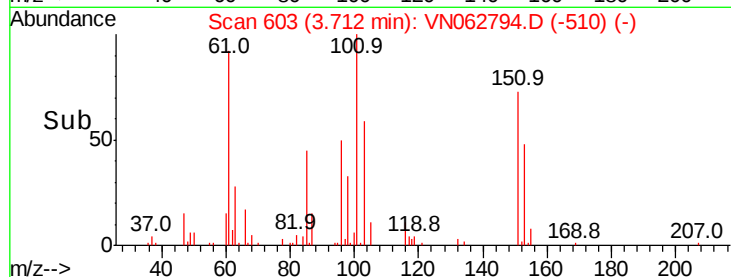
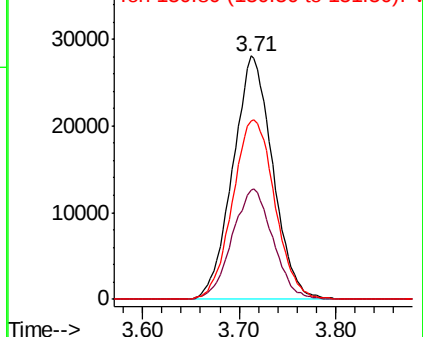
151 77.7 63.0 94.6



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: 54.205 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

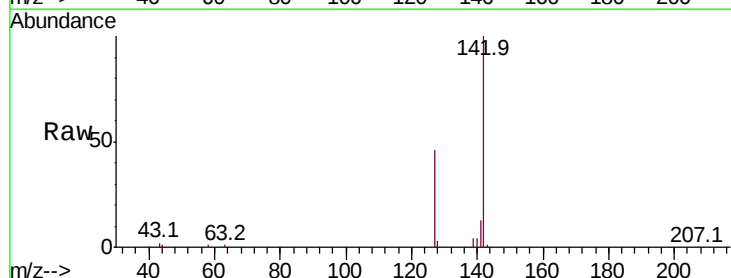
Tgt Ion:142 Resp: 101591

Ion Ratio Lower Upper

142 100

127 48.1 41.4 62.0

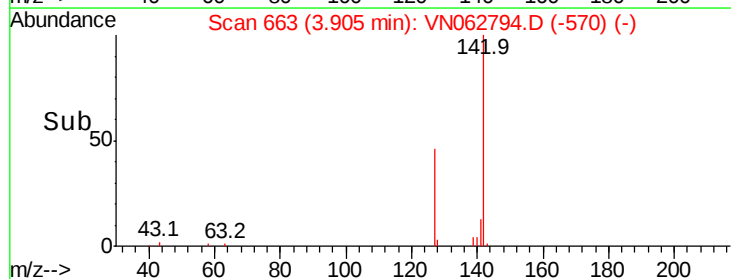
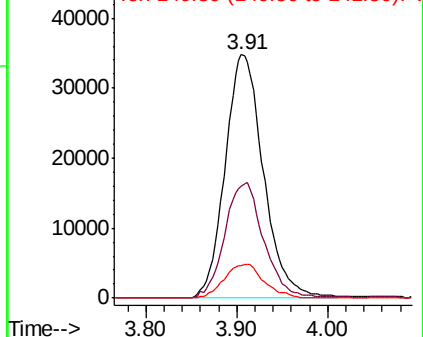
141 14.4 12.2 18.4

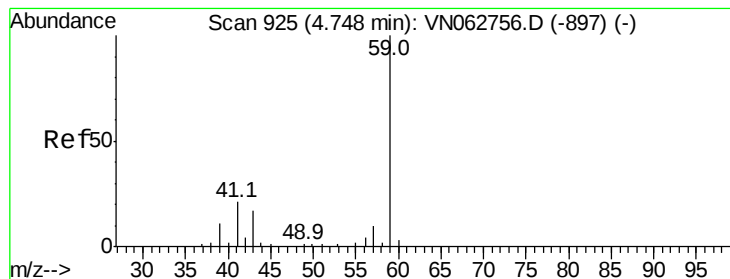


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



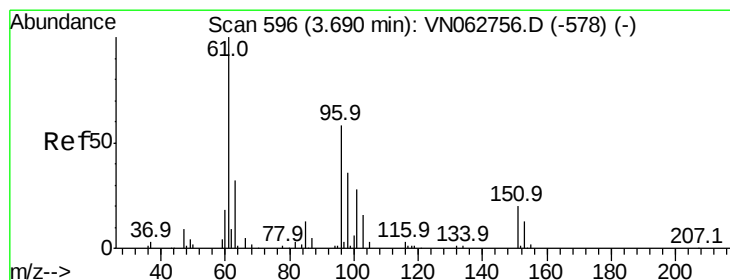
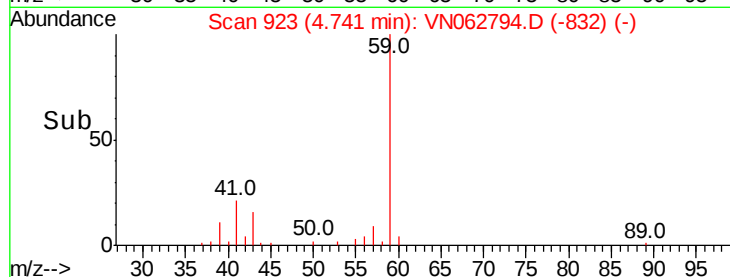
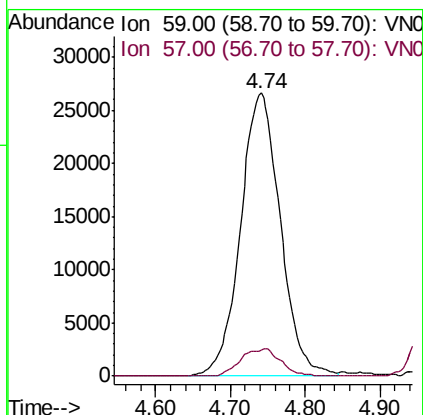
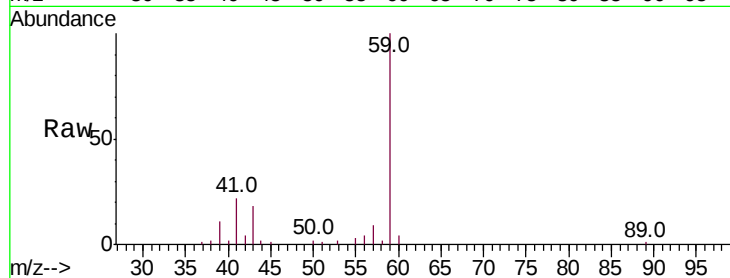


#11

Tert butyl alcohol
 Concen: 212.541 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

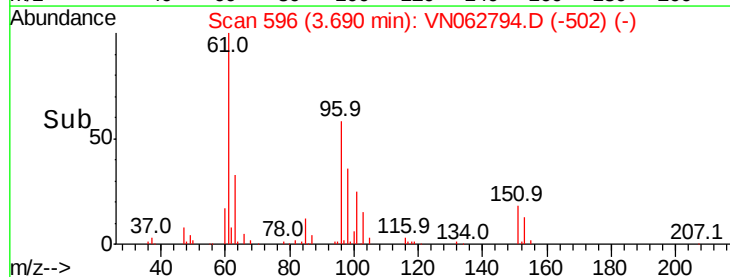
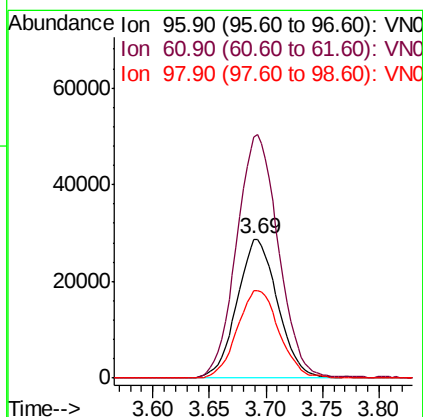
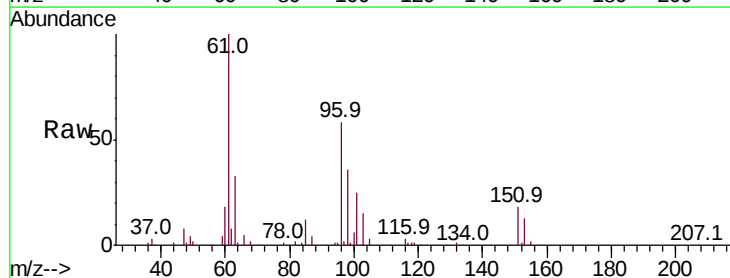
Tot Ion: 59 Resp: 98563
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

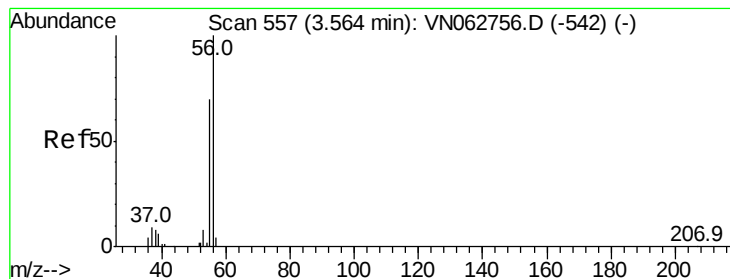


#12

1,1-Dichloroethene
 Concen: 49.345 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 96 Resp: 71923
 Ion Ratio Lower Upper
 96 100
 61 173.6 139.0 208.6
 98 62.8 50.2 75.4





#13

Acrolein

Concen: 227.522 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

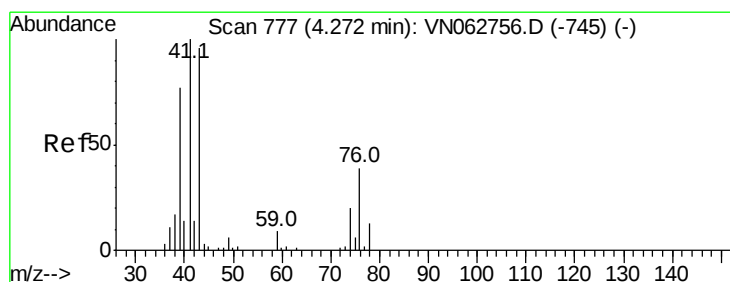
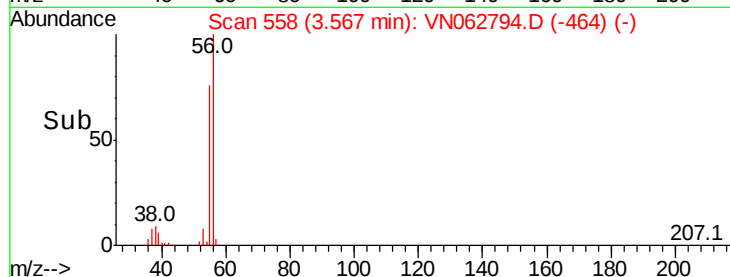
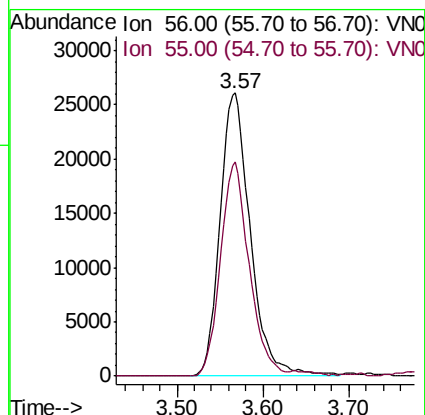
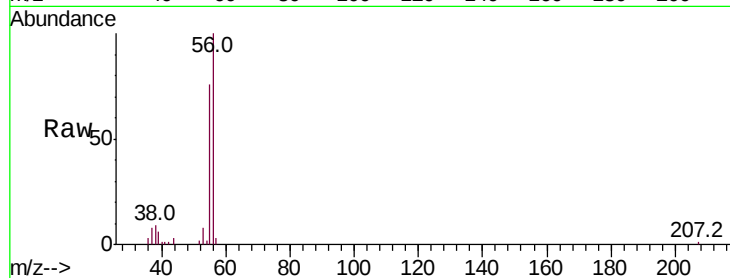
VSTDCCC050EC

Tot Ion: 56 Resp: 63883

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.6



#14

Allyl chloride

Concen: 45.482 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

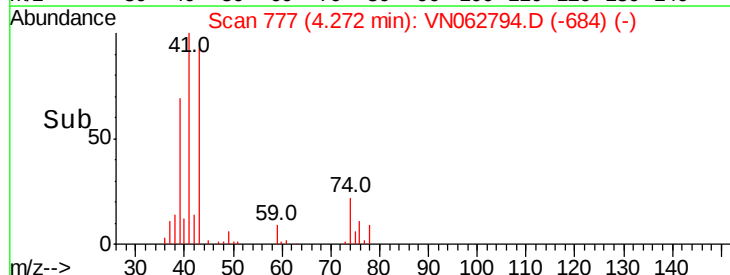
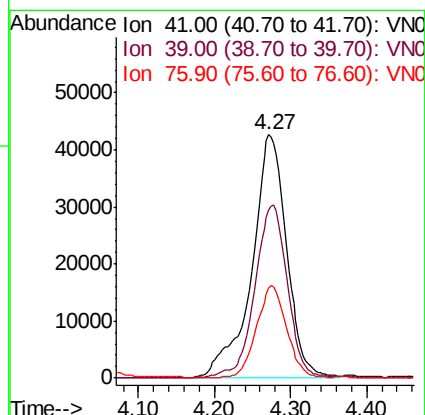
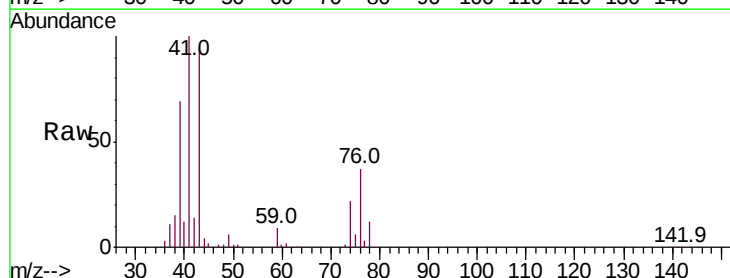
Tgt Ion: 41 Resp: 136243

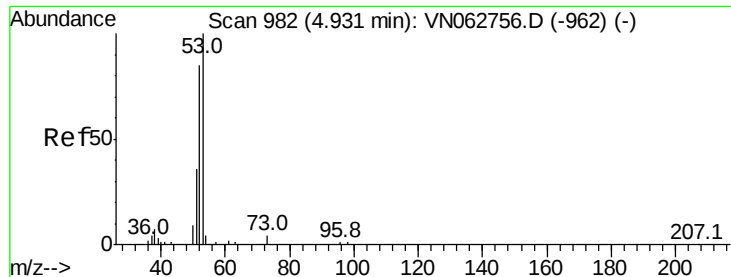
Ion Ratio Lower Upper

41 100

39 66.0 55.7 83.5

76 32.9 27.5 41.3

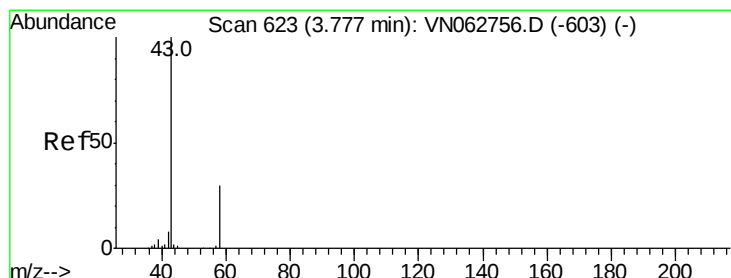
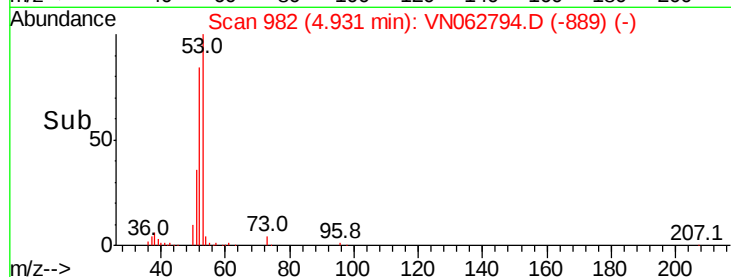
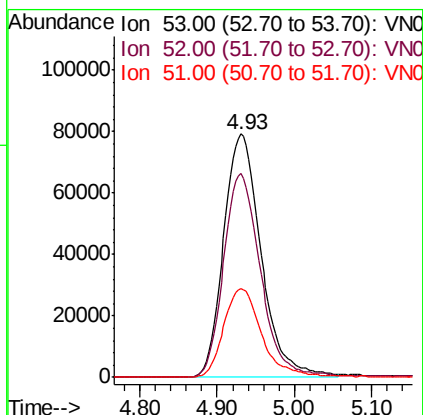
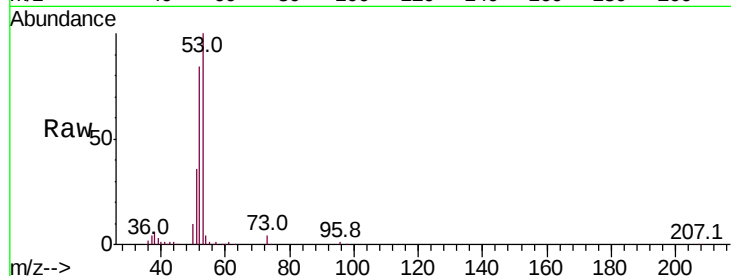




#15
 Acrylonitrile
 Concen: 248.312 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

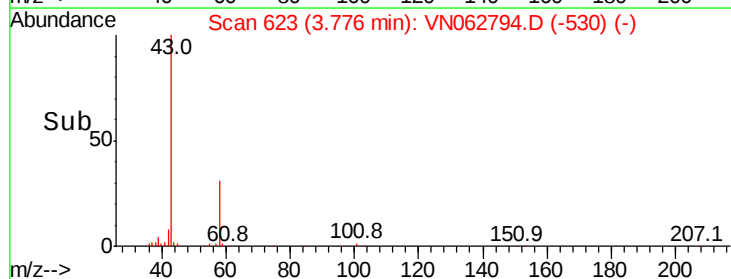
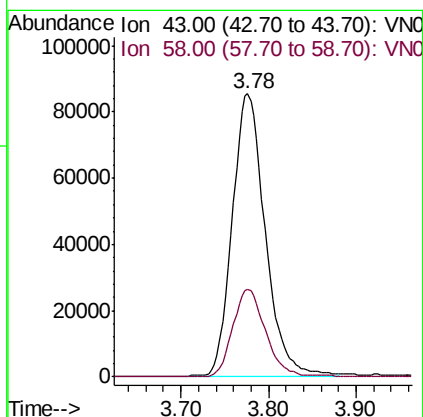
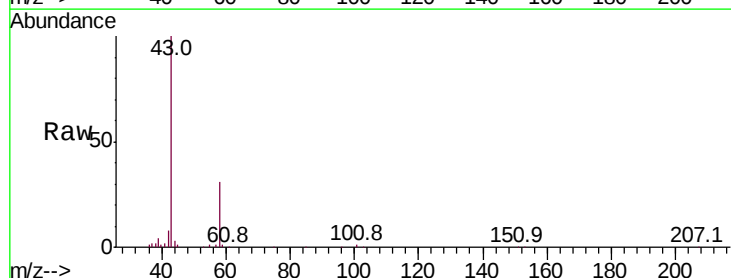
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

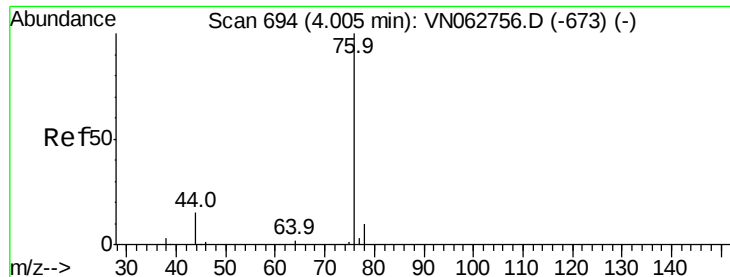
Tot Ion: 53 Resp: 267081
 Ion Ratio Lower Upper
 53 100
 52 82.6 66.8 100.2
 51 37.0 29.5 44.3



#16
 Acetone
 Concen: 216.738 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 43 Resp: 221588
 Ion Ratio Lower Upper
 43 100
 58 31.2 24.1 36.1

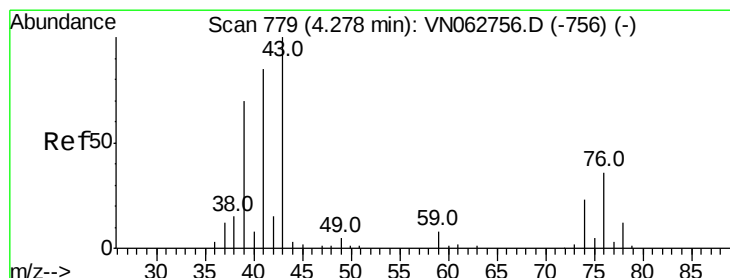
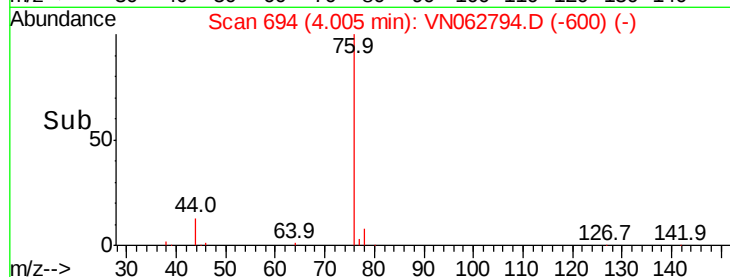
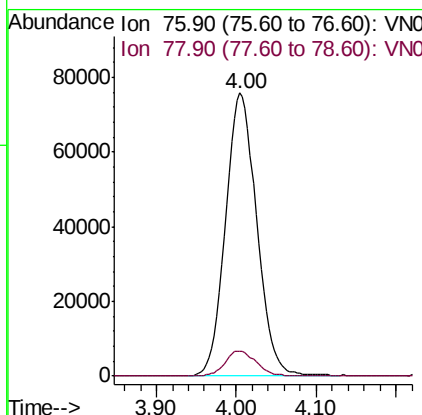
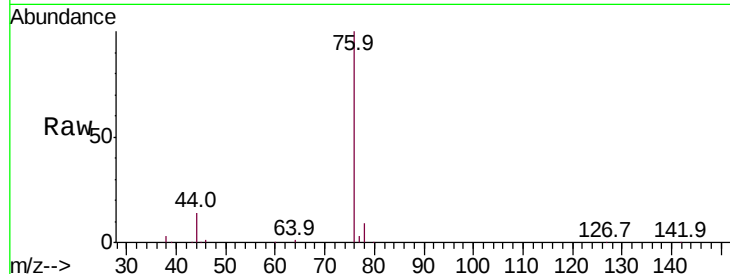




#17
Carbon Disulfide
Concen: 48.734 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

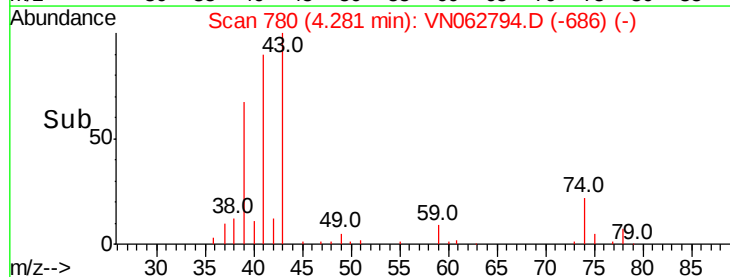
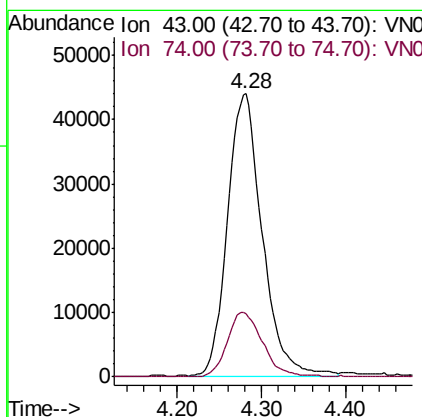
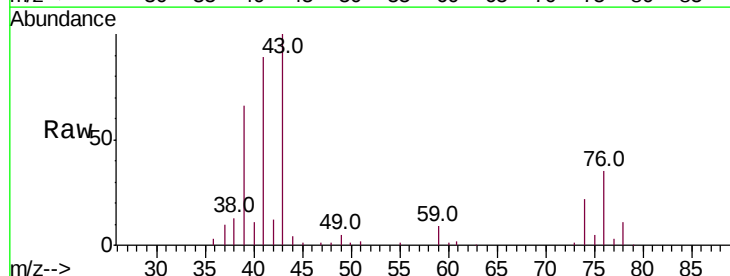
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

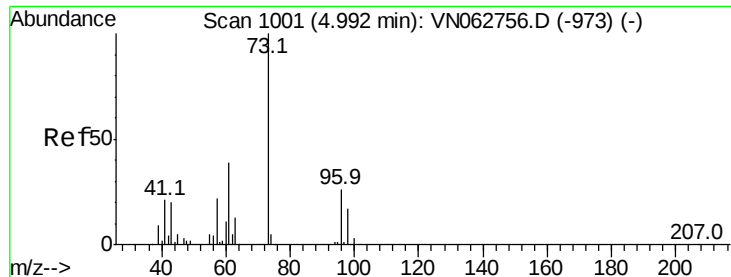
Tot Ion: 76 Resp: 201710
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 51.784 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 43 Resp: 125121
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0

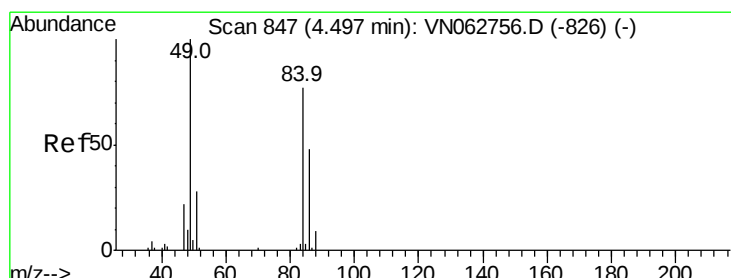
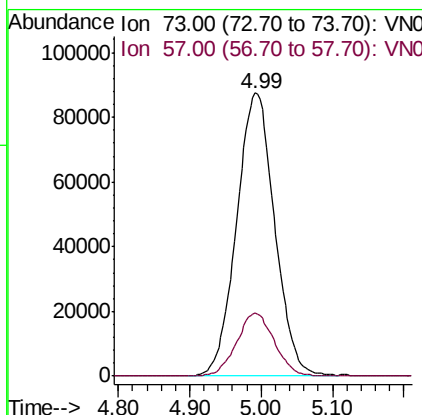
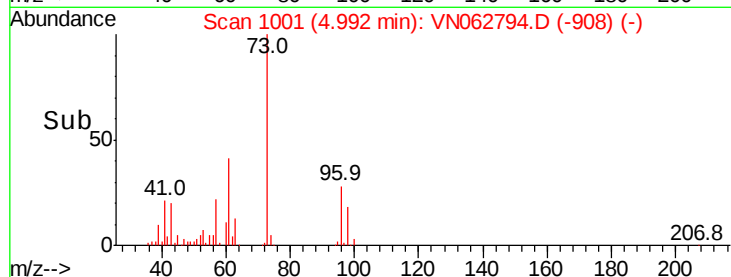
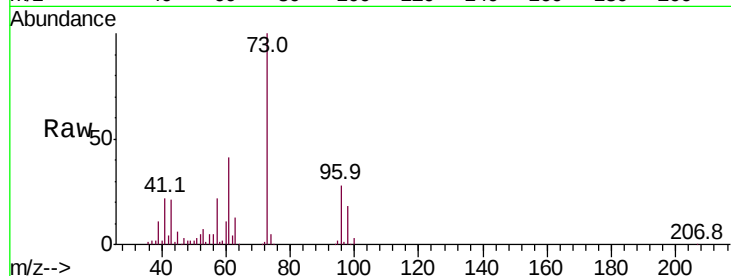




#19
Methvl tert-butvl Ether
Concen: 49.000 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

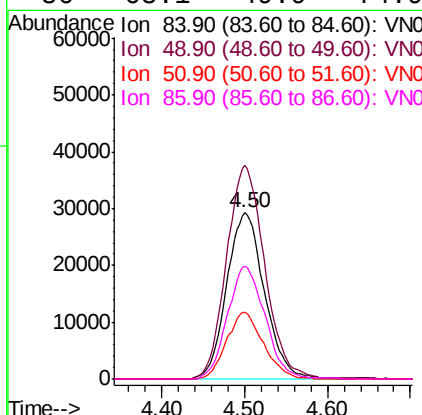
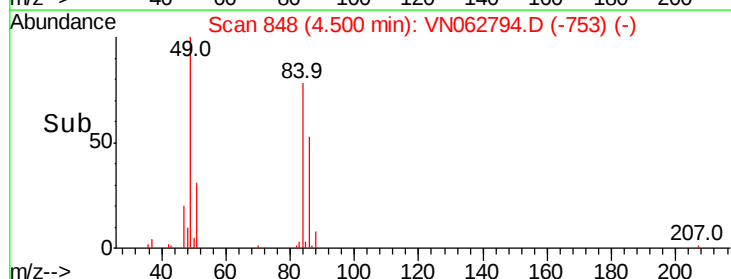
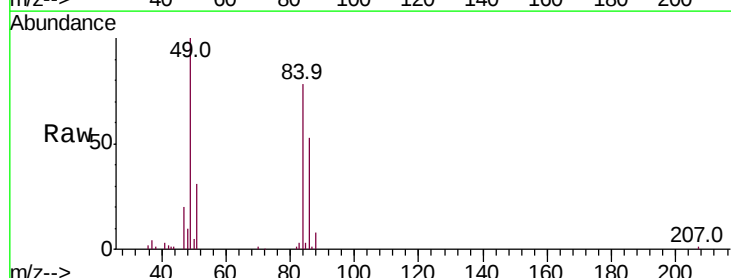
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

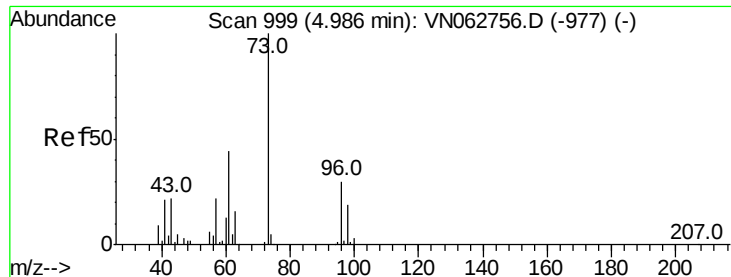
Tot Ion: 73 Resp: 324820
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3



#20
Methylene Chloride
Concen: 49.472 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 84 Resp: 92577
Ion Ratio Lower Upper
84 100
49 128.5 103.4 155.2
51 40.4 29.3 43.9
86 68.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.781 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

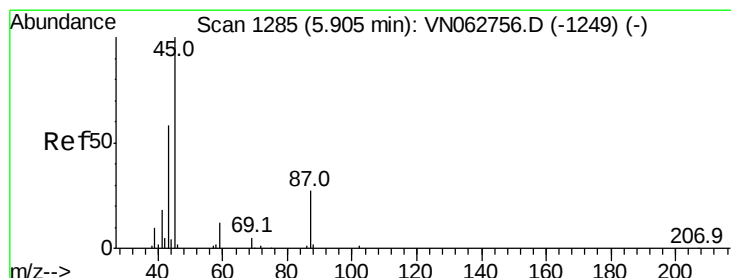
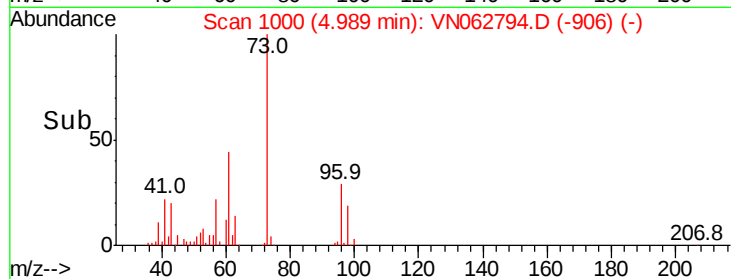
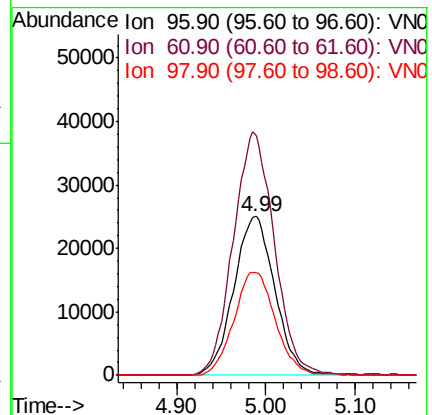
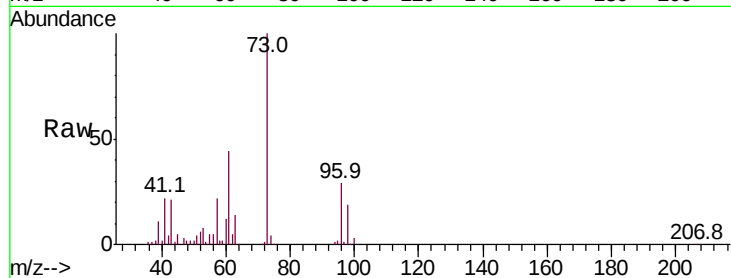
Tot Ion: 96 Resp: 80099

Ion Ratio Lower Upper

96 100

61 151.1 118.8 178.2

98 64.9 51.0 76.4



#22

Diisopropyl ether

Concen: 51.223 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion: 45 Resp: 326644

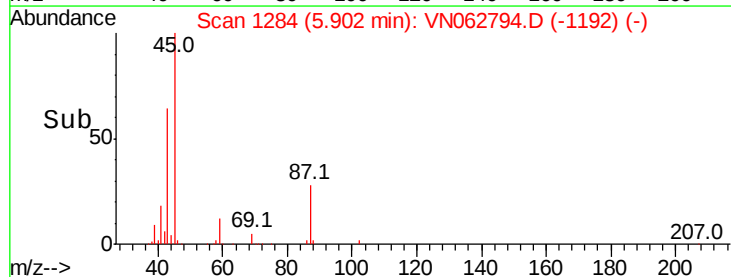
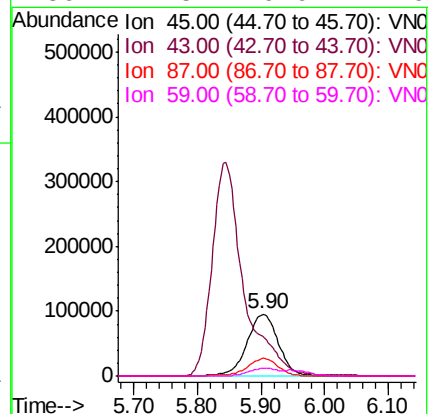
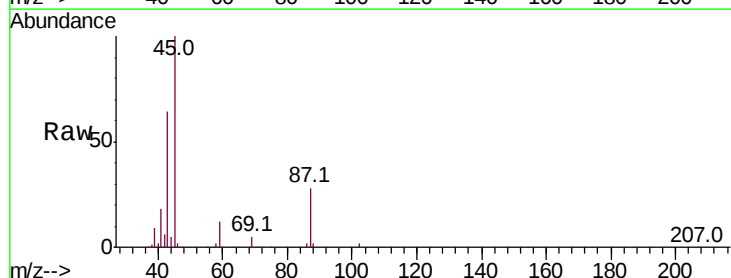
Ion Ratio Lower Upper

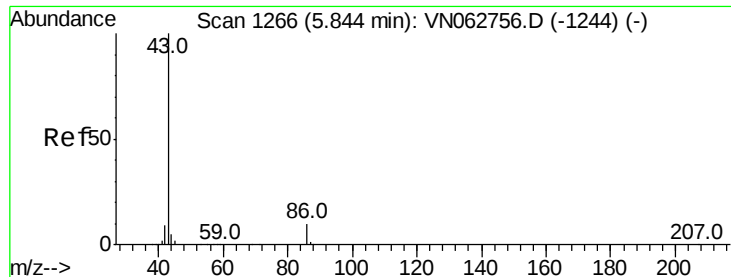
45 100

43 62.6 47.4 71.2

87 28.2 22.8 34.2

59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 234.796 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

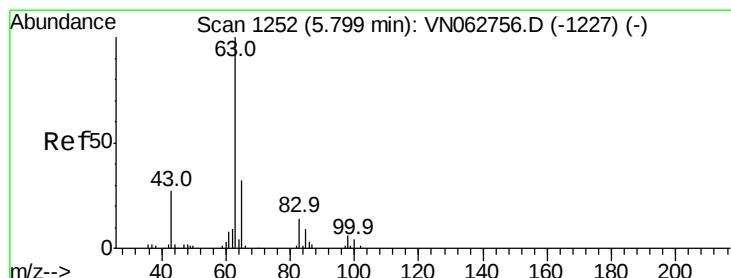
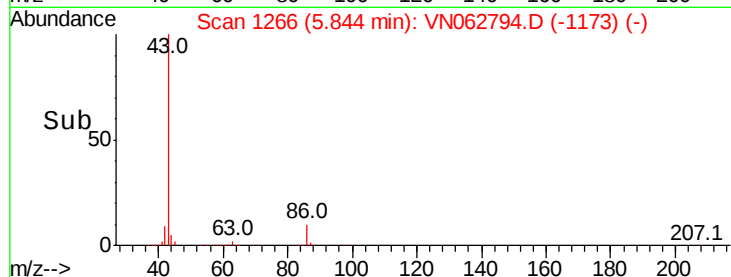
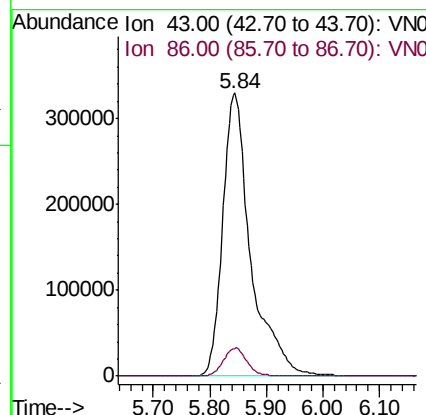
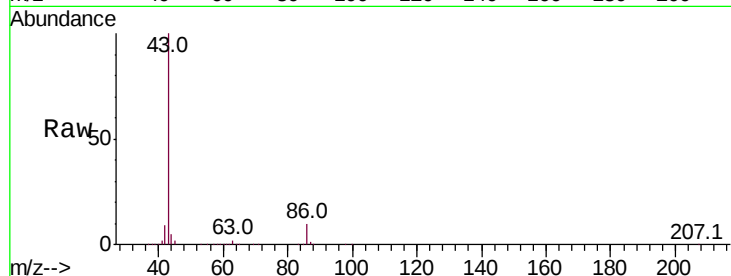
VSTDCCC050EC

Tot Ion: 43 Resp: 1138857

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 47.296 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

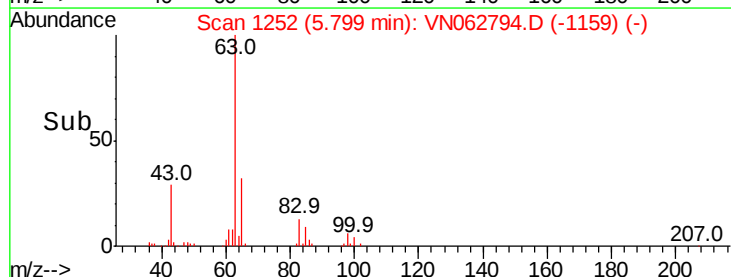
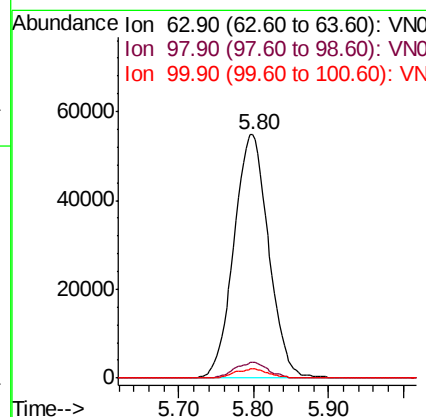
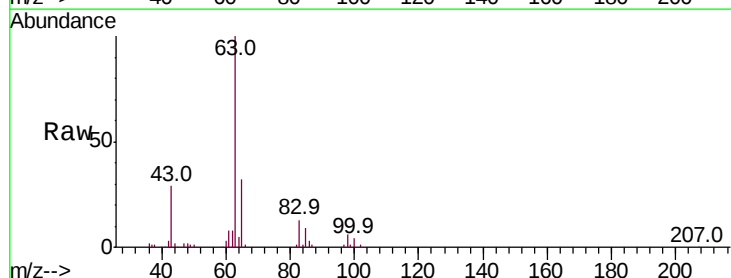
Tgt Ion: 63 Resp: 176746

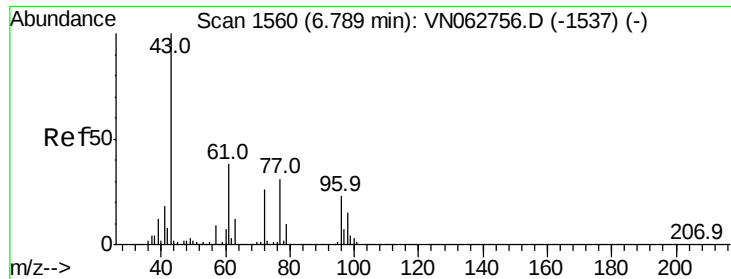
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 238.066 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

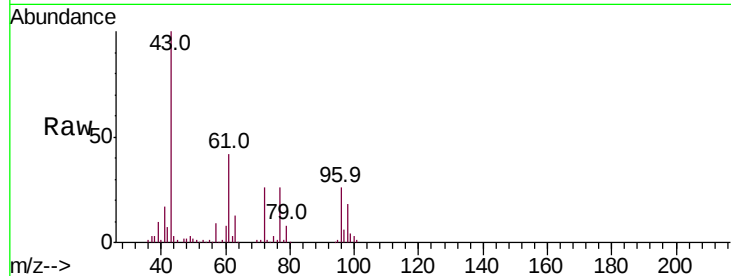
VSTDCCC050EC

Tot Ion: 43 Resp: 344720

Ion Ratio Lower Upper

43 100

72 25.8 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1537) (-)

6.79

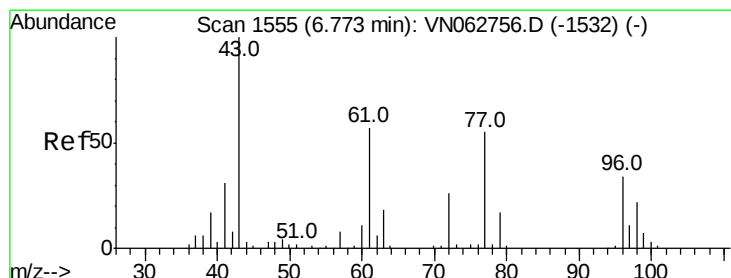
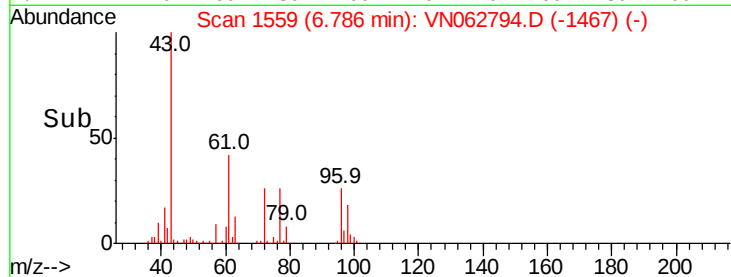
100000

50000

0

6.70 6.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.048 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062794.D

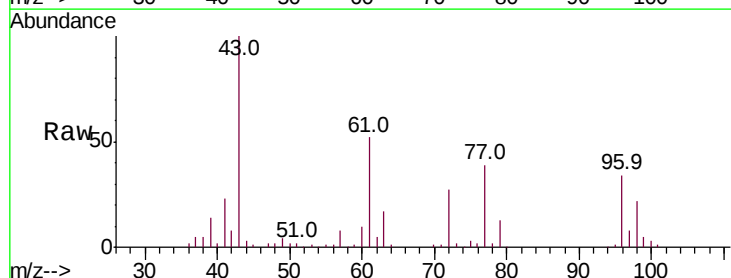
Acq: 7 Aug 2020 21:19

Tgt Ion: 77 Resp: 117285

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN062756.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062756.D (-1532) (-)

6.77

40000

30000

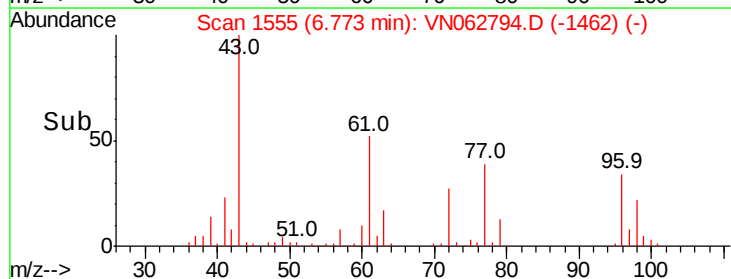
20000

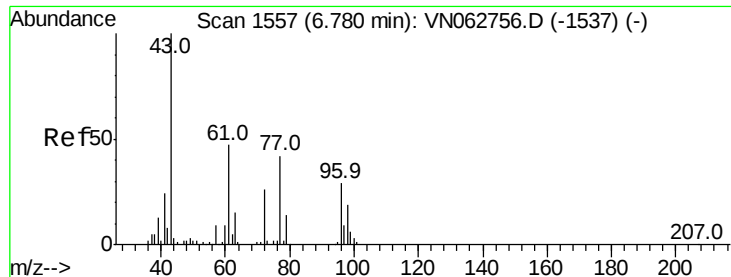
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.538 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

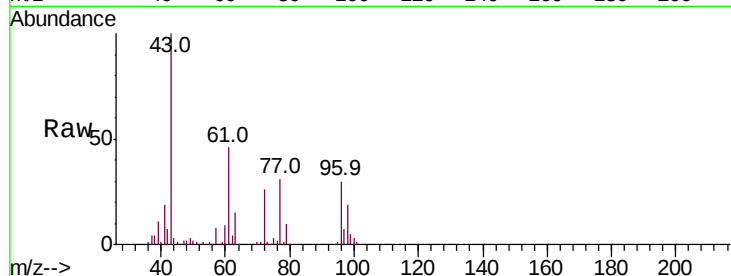
Tot Ion: 96 Resp: 97640

Ion Ratio Lower Upper

96 100

61 155.6 0.0 332.2

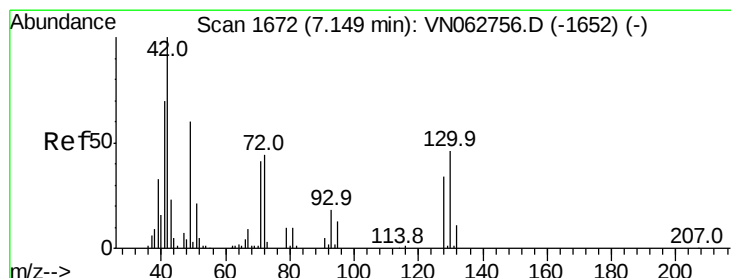
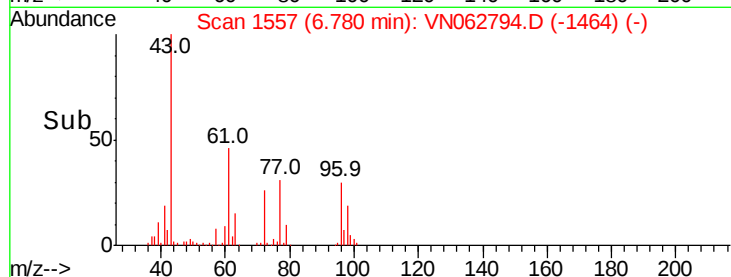
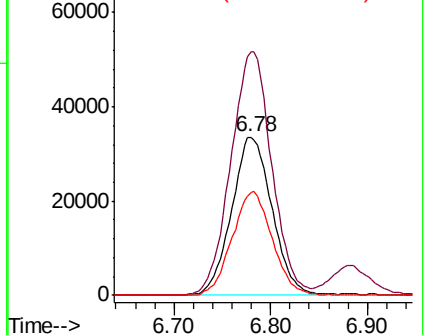
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1537) (-)



#28

Bromochloromethane

Concen: 47.155 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

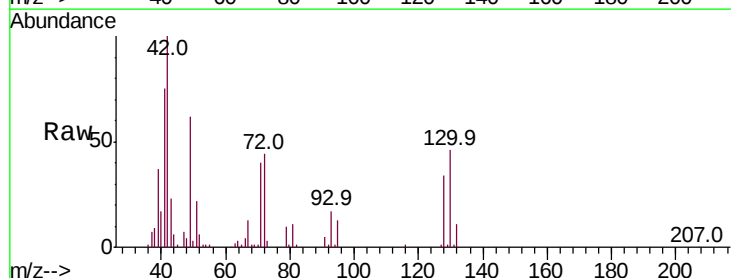
Tgt Ion: 49 Resp: 85048

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

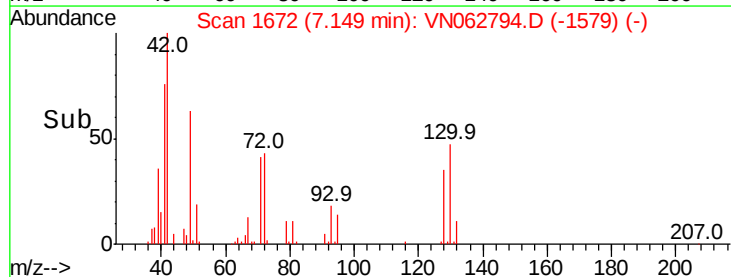
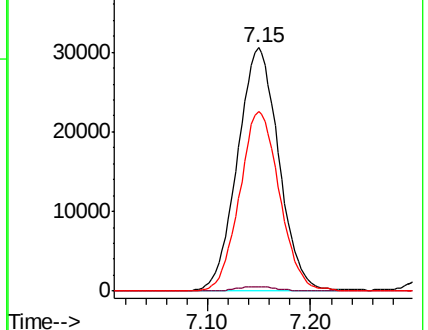
130 71.4 59.0 88.6

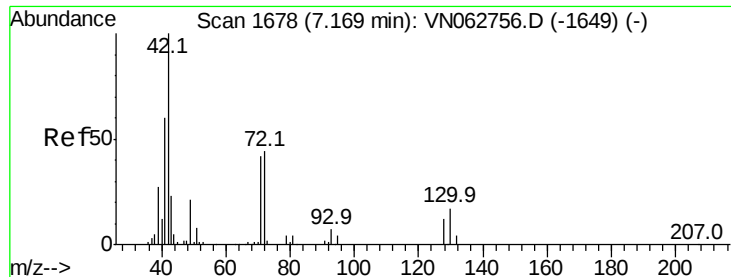


Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062756.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062756.D (-1652) (-)

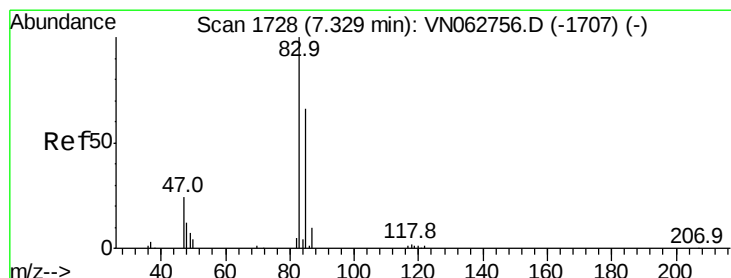
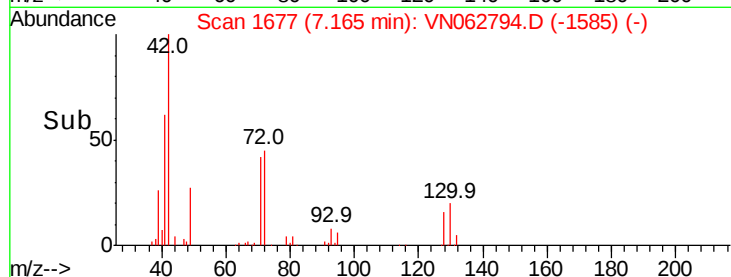
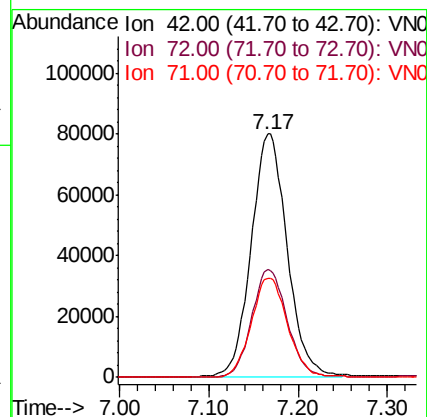
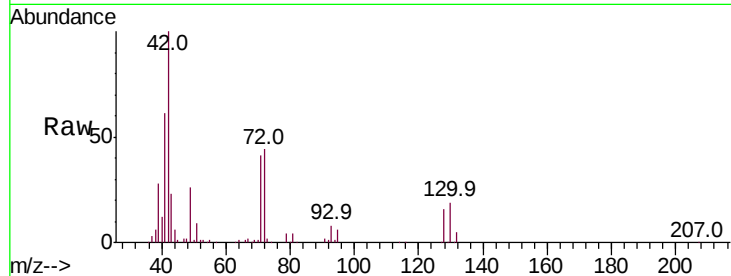




#29
Tetrahydrofuran
Concen: 239.921 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

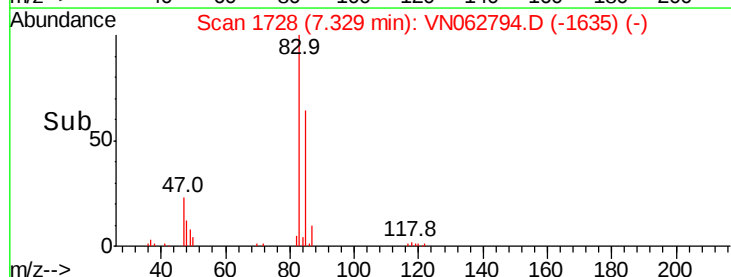
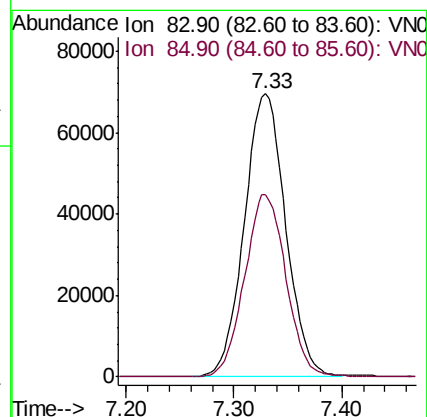
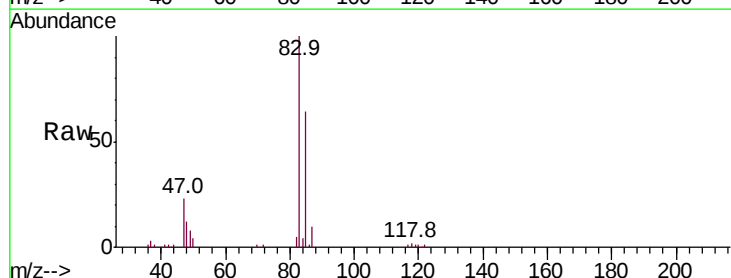
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

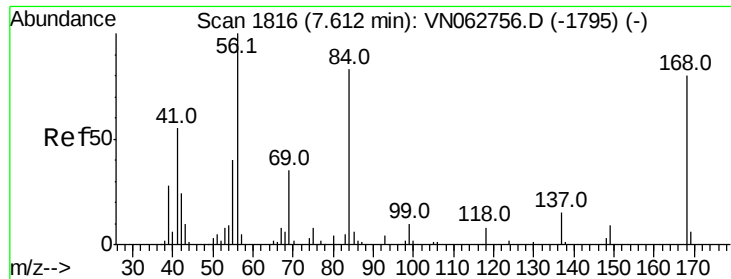
Tot Ion: 42 Resp: 225698
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.4
71 41.3 33.2 49.8



#30
Chloroform
Concen: 46.679 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 83 Resp: 185386
Ion Ratio Lower Upper
83 100
85 64.3 52.7 79.1

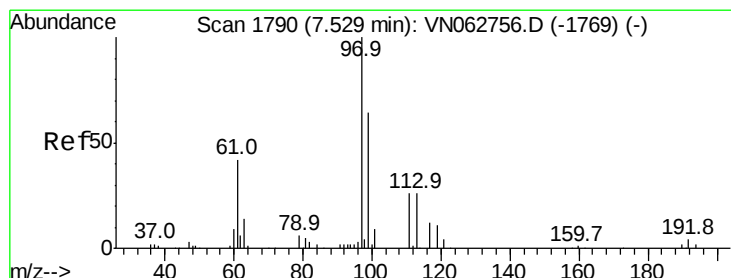
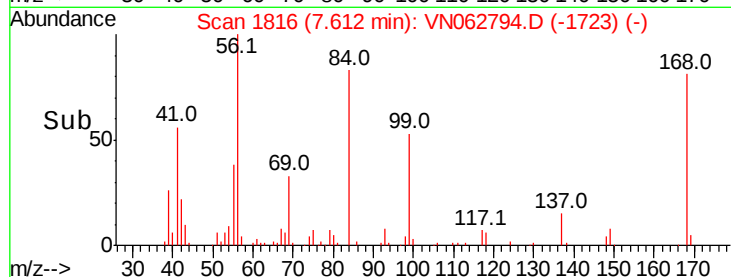
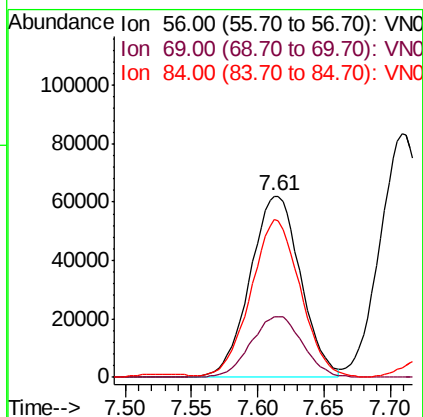
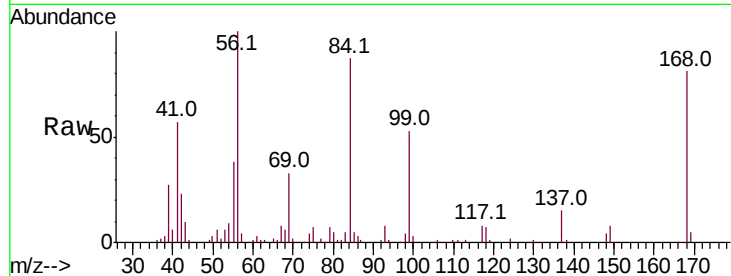




#31
Cyclohexane
Concen: 48.231 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

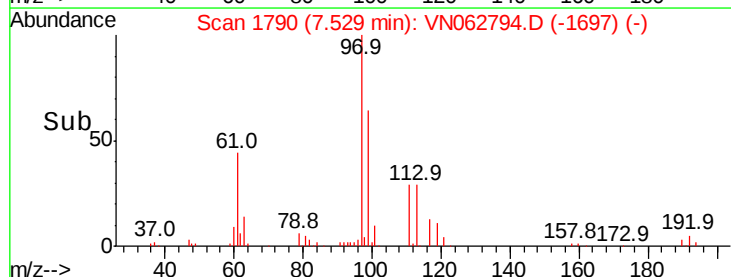
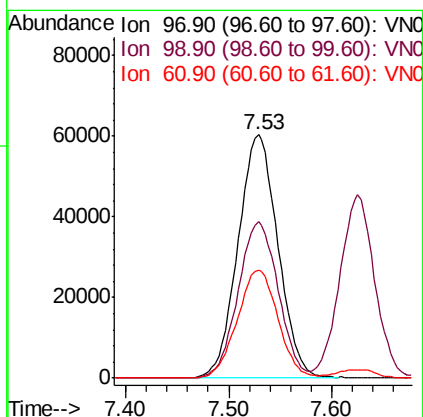
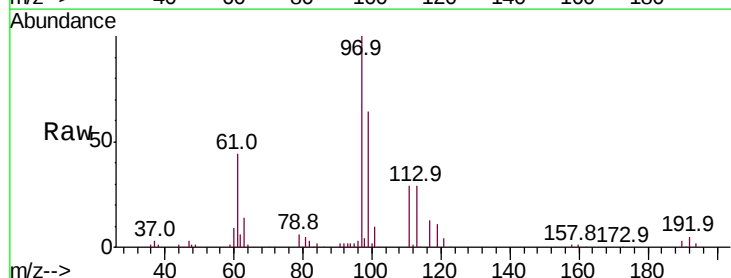
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

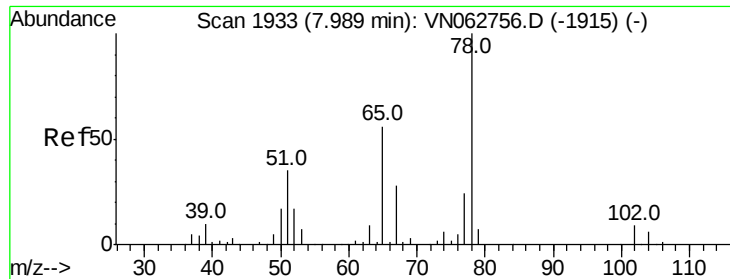
Tot Ion: 56 Resp: 165453
Ion Ratio Lower Upper
56 100
69 33.2 28.1 42.1
84 85.7 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 45.695 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 97 Resp: 162254
Ion Ratio Lower Upper
97 100
99 64.6 50.0 75.0
61 45.4 34.8 52.2

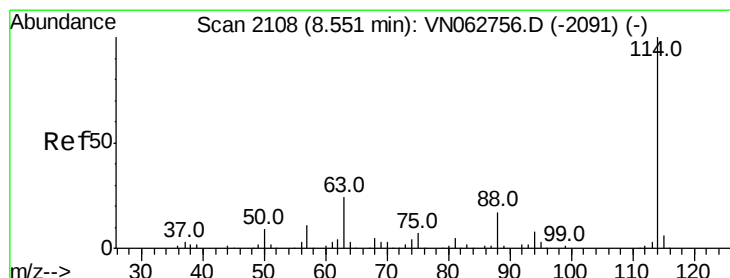
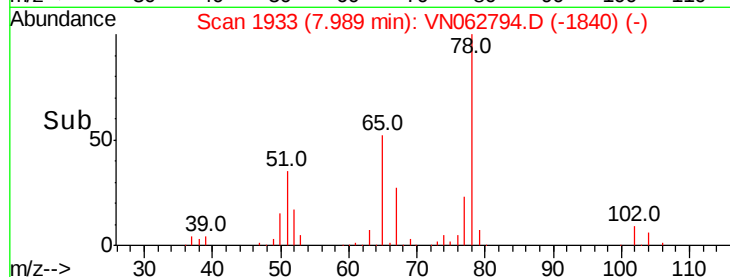
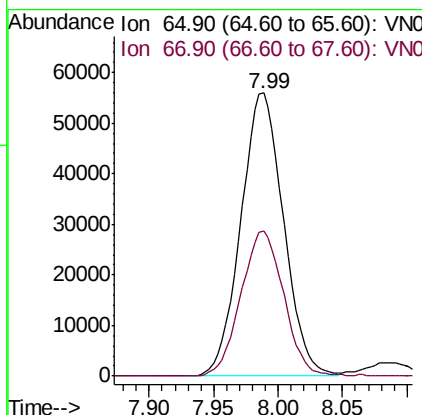
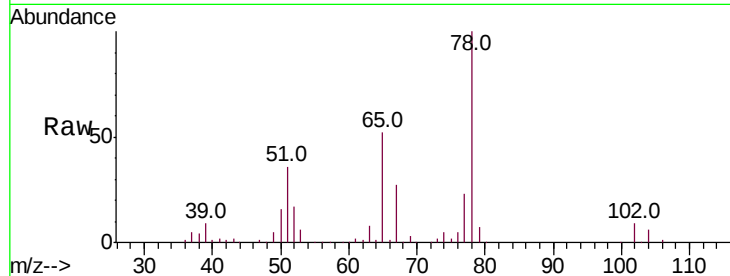




#33
 1,2-Dichloroethane-d4
 Concen: 45.748 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

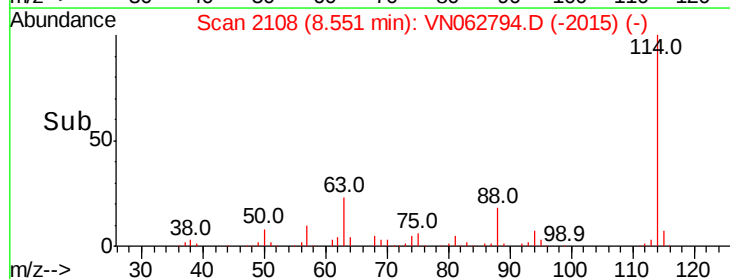
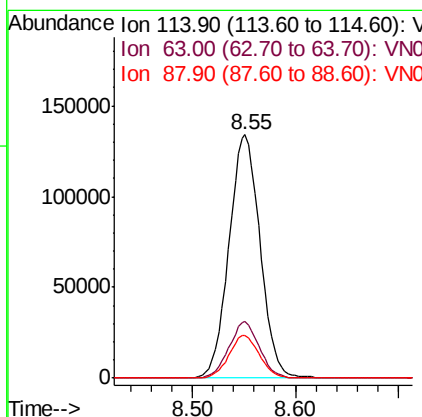
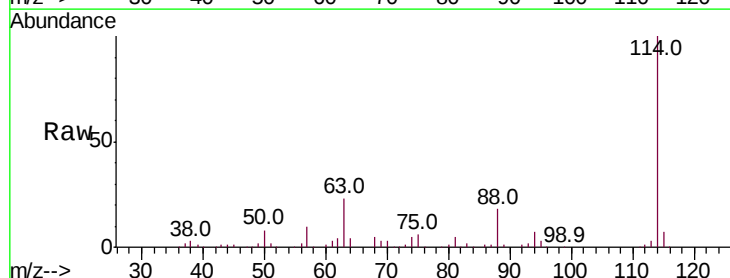
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

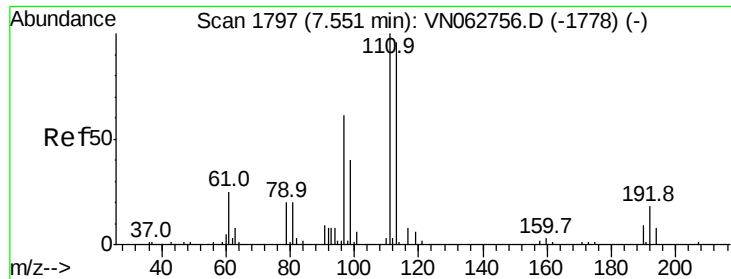
Tot Ion: 65 Resp: 129439
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 114 Resp: 281742
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.6
 88 17.5 0.0 34.4

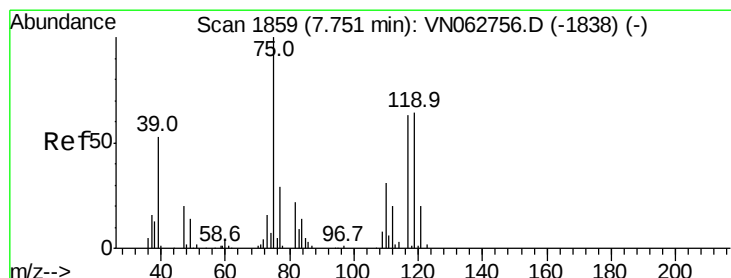
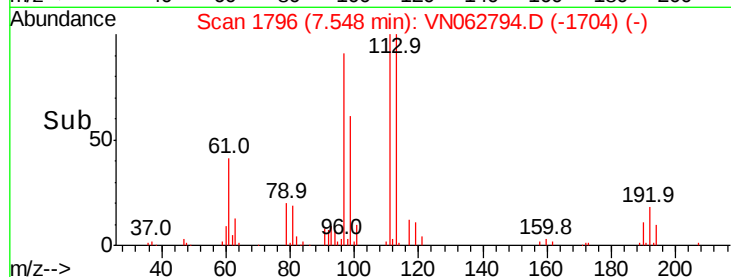
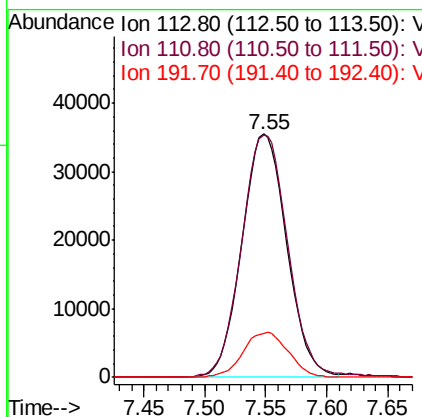
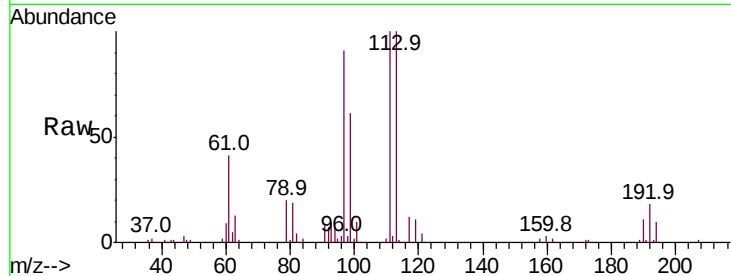




#35
Dibromofluoromethane
Concen: 46.829 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

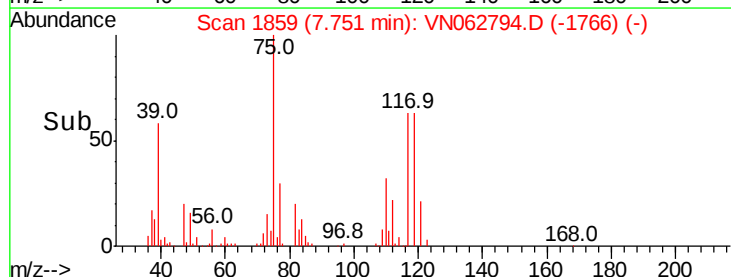
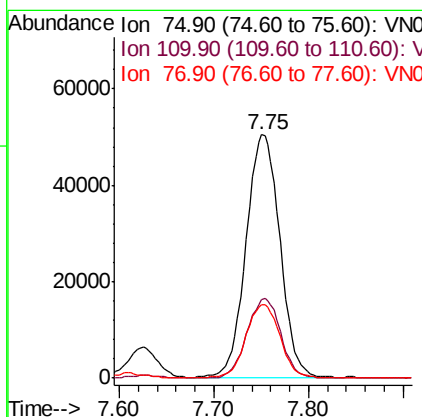
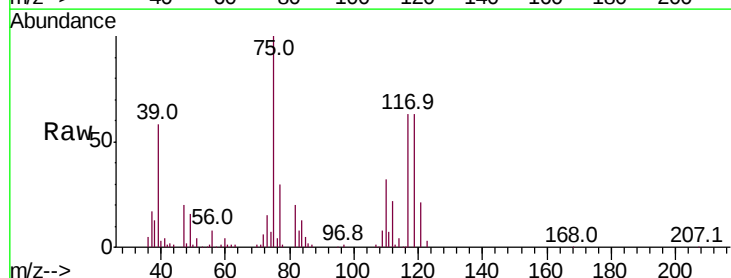
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

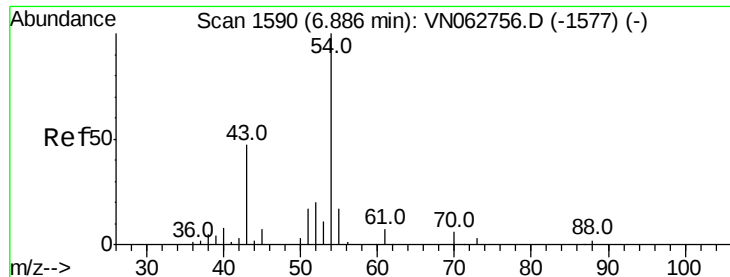
Tot Ion:113 Resp: 90252
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 46.028 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 75 Resp: 126270
Ion Ratio Lower Upper
75 100
110 32.3 15.6 46.7
77 30.4 24.1 36.1

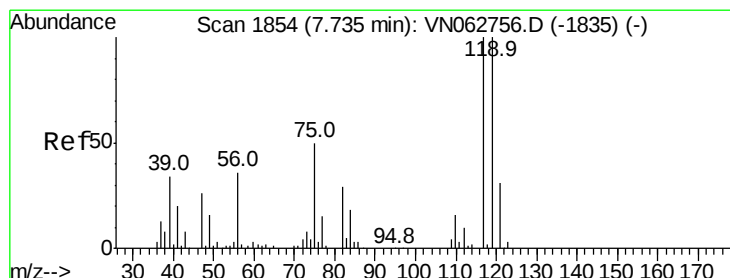
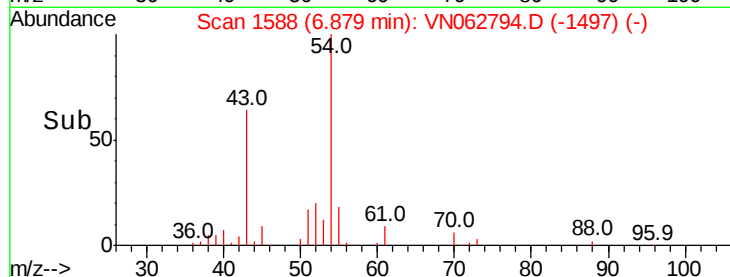
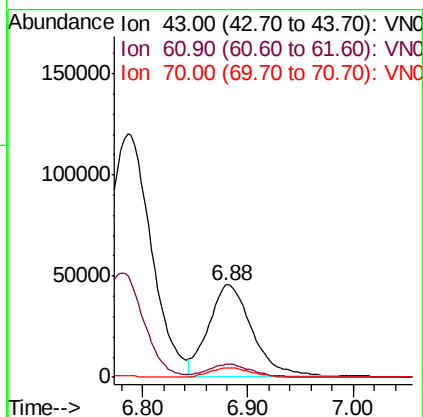
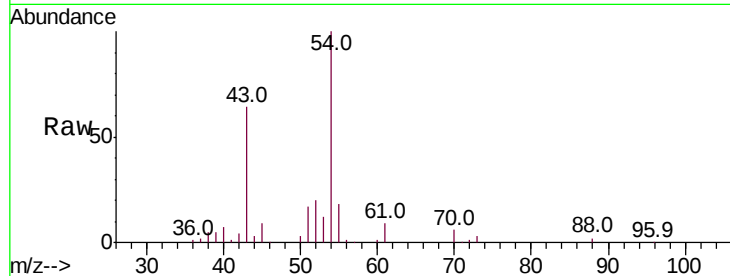




#37
Ethyl Acetate
Concen: 45.267 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

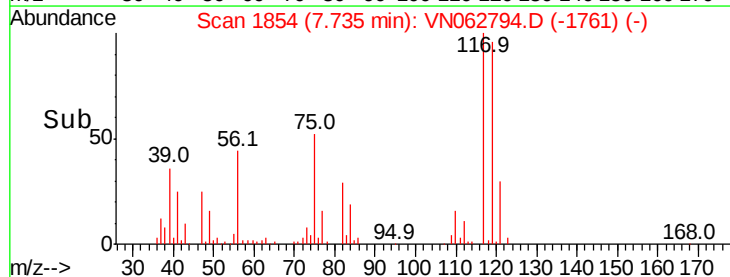
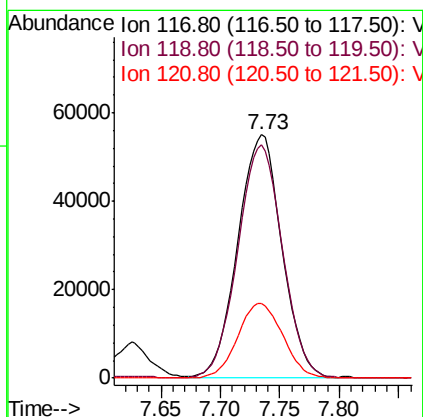
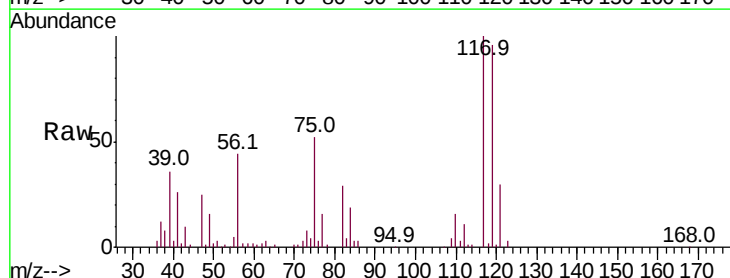
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

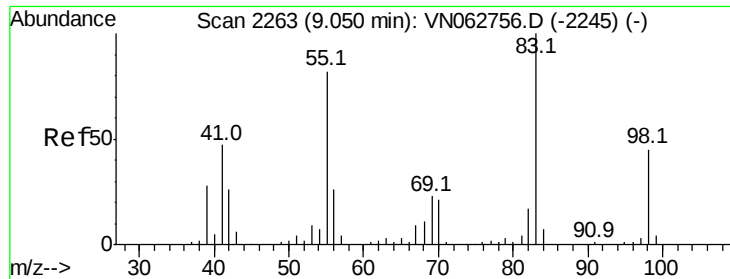
Tot Ion: 43 Resp: 129723
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 43.276 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 117 Resp: 140411
Ion Ratio Lower Upper
117 100
119 95.6 79.4 119.2
121 30.6 24.9 37.3

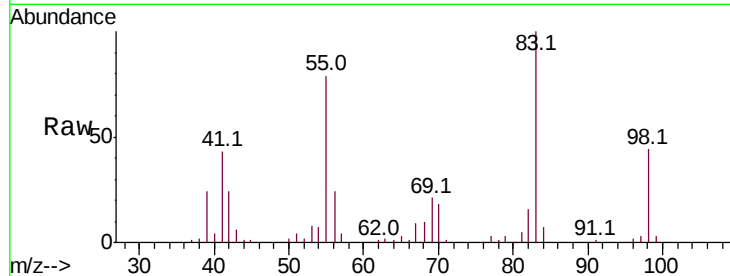




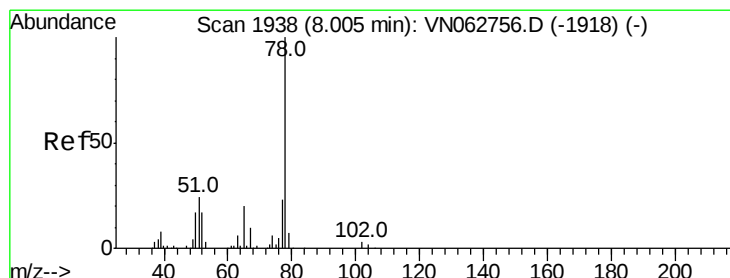
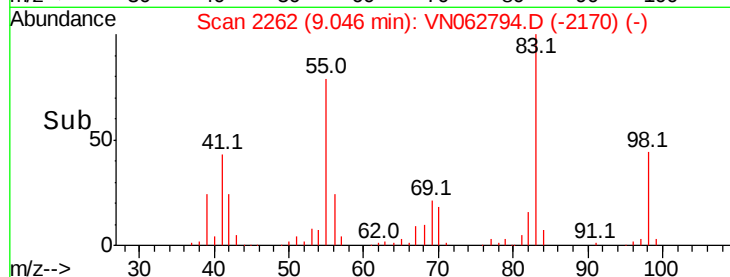
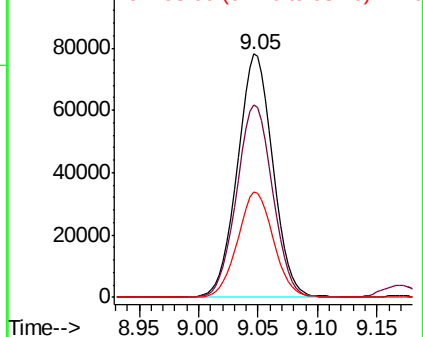
#39
Methvlcvclohexane
Concen: 48.753 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 160955
Ion Ratio Lower Upper
83 100
55 79.2 65.7 98.5
98 43.5 35.6 53.4

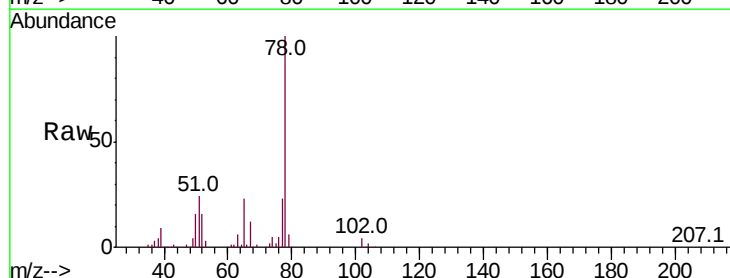


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

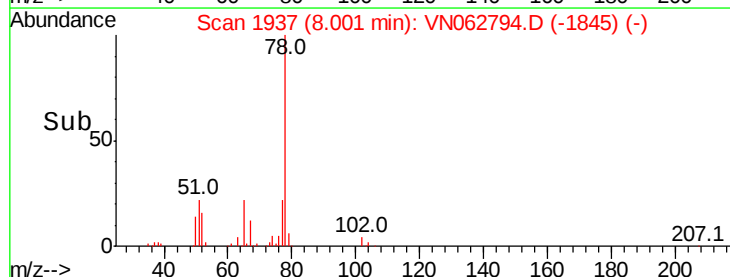
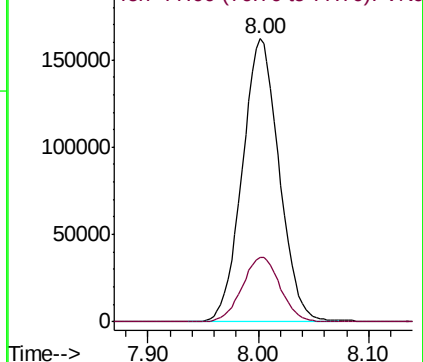


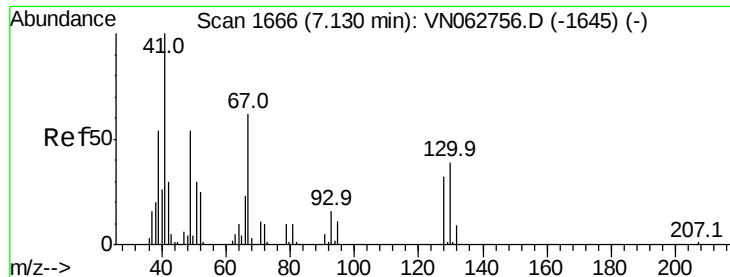
#40
Benzene
Concen: 45.738 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 78 Resp: 374419
Ion Ratio Lower Upper
78 100
77 22.7 18.1 27.1



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

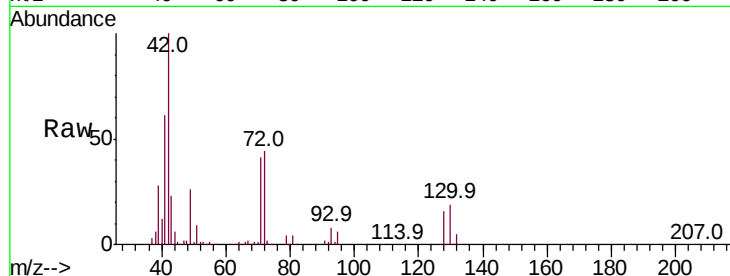




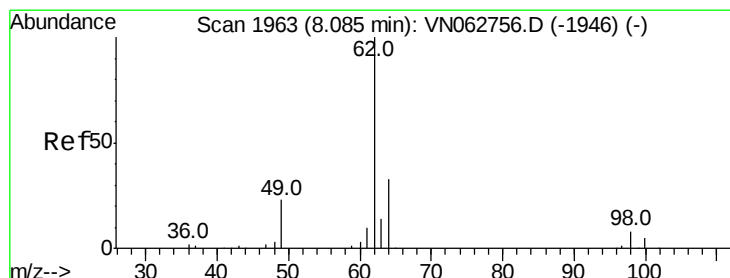
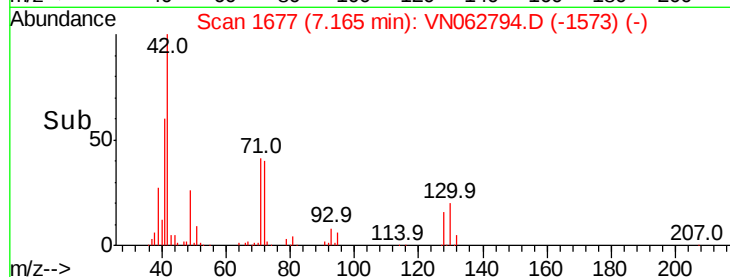
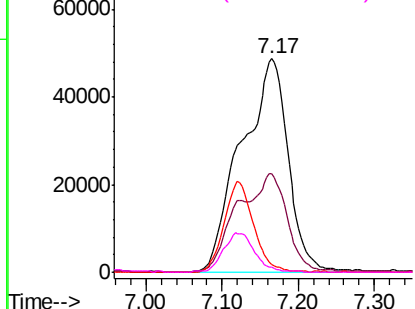
#41
Methacrylonitrile
Concen: 160.401 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	207419
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

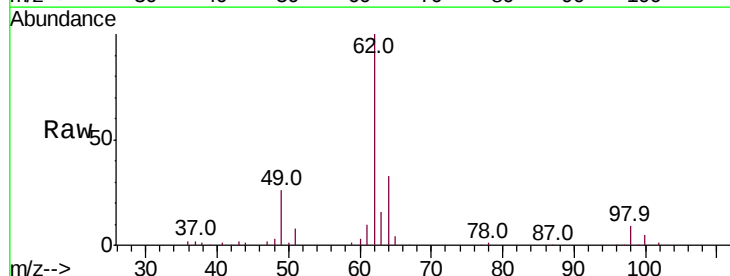


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

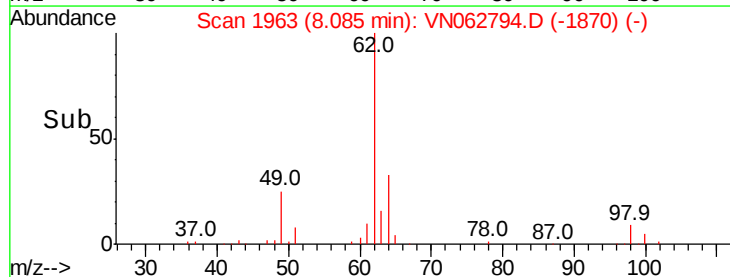
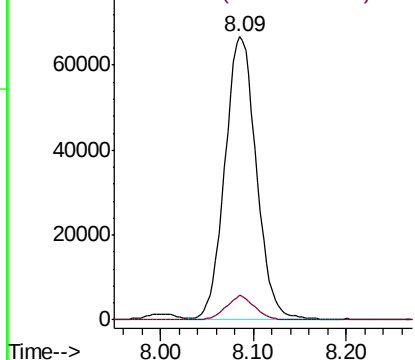


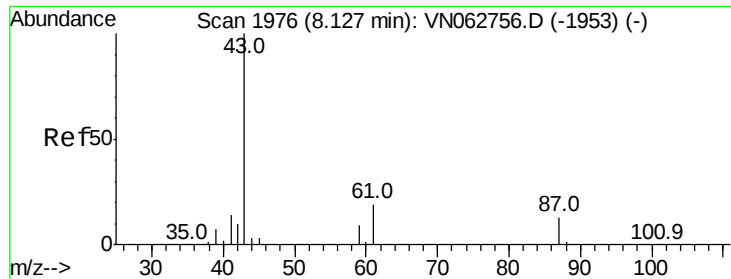
#42
1,2-Dichloroethane
Concen: 44.808 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion:	62	Resp:	156122
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 46.726 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

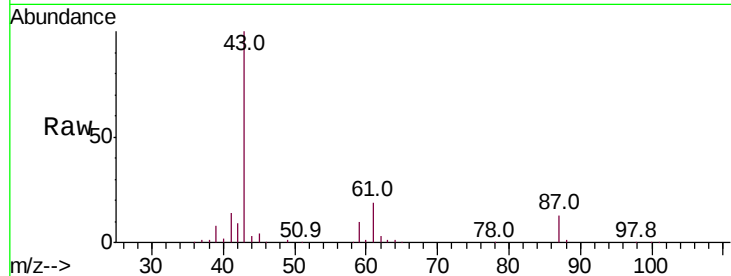
Tot Ion: 43 Resp: 223347

Ion Ratio Lower Upper

43 100

61 25.9 15.8 23.6#

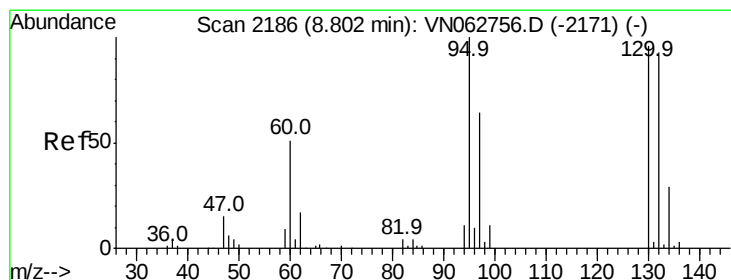
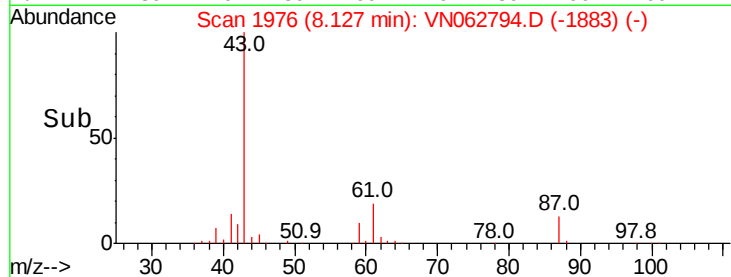
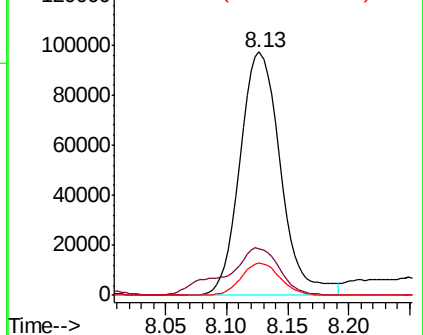
87 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 45.466 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062794.D

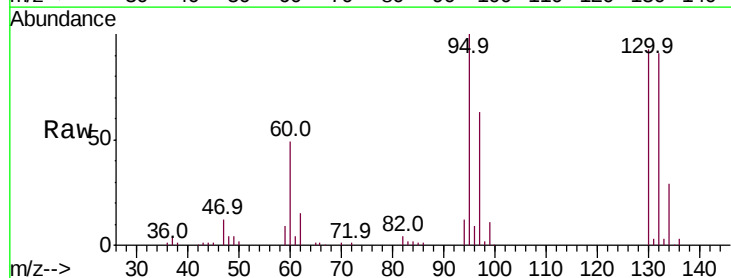
Acq: 7 Aug 2020 21:19

Tgt Ion:130 Resp: 90679

Ion Ratio Lower Upper

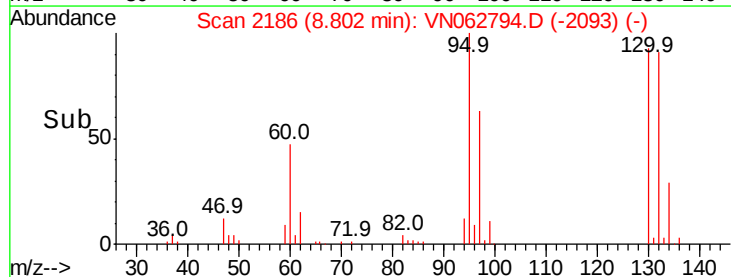
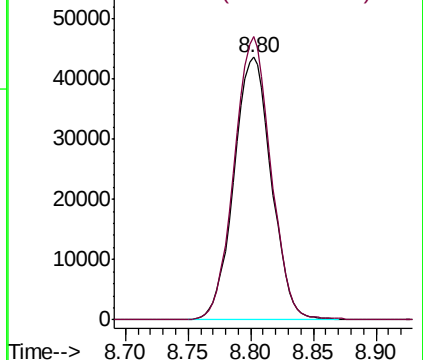
130 100

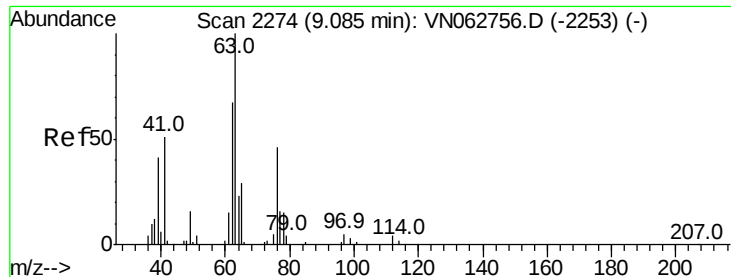
95 107.9 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)

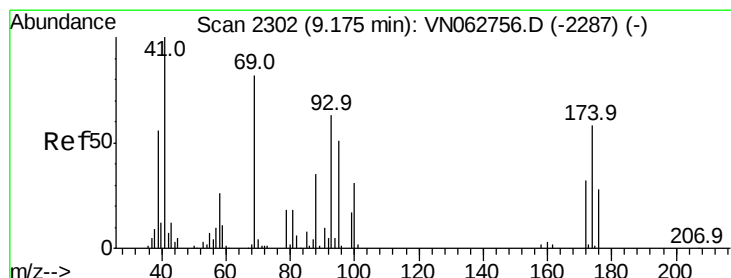
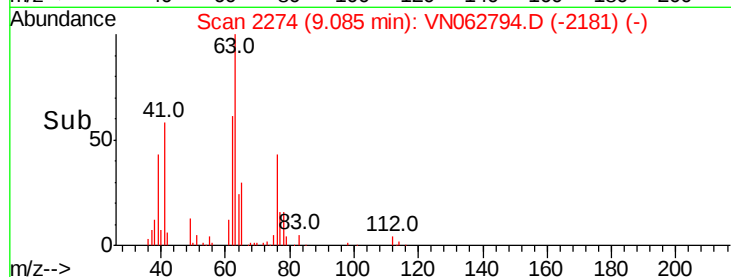
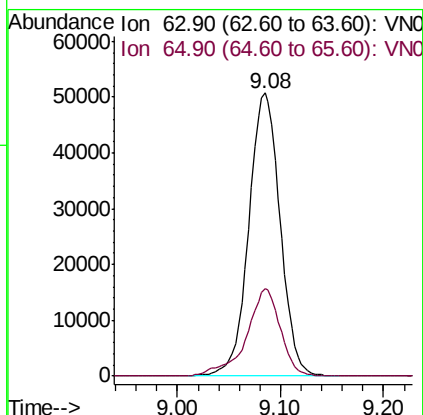
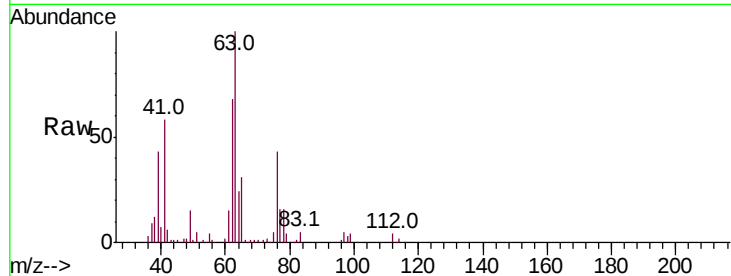




#45
 1,2-Dichloropropane
 Concen: 48.292 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

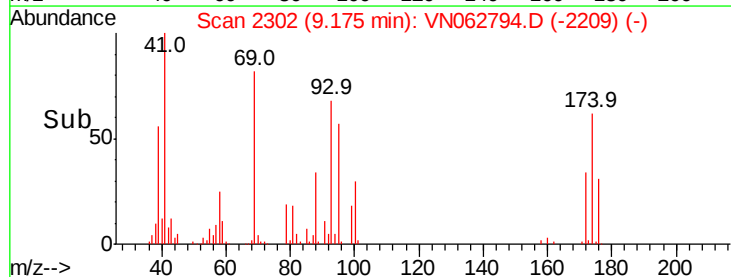
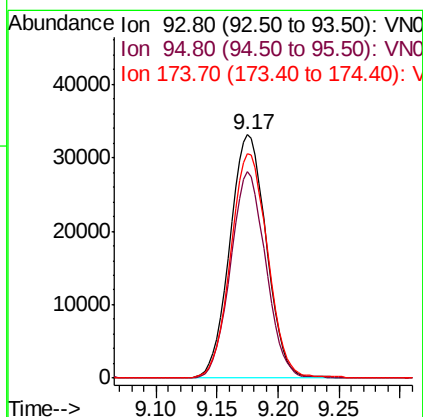
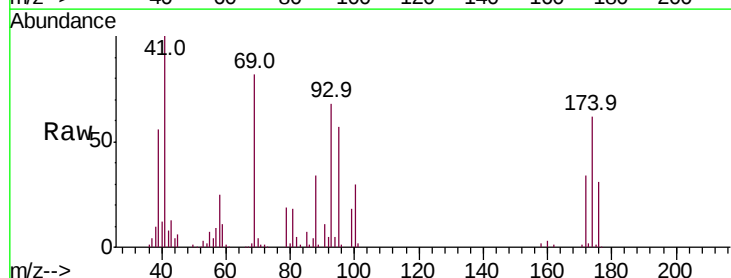
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

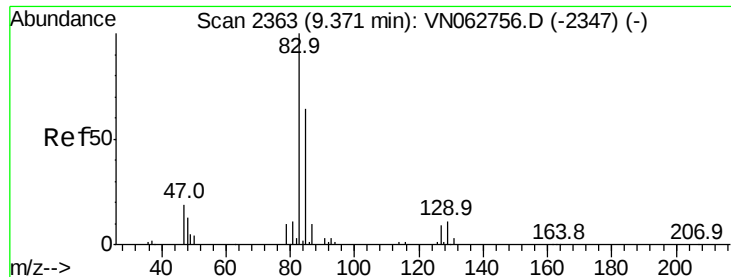
Tot Ion: 63 Resp: 106995
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.5 35.3



#46
 Dibromomethane
 Concen: 47.505 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 93 Resp: 68963
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.1 97.7
 174 93.3 73.9 110.9





#47

Bromodichloromethane

Concen: 47.632 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

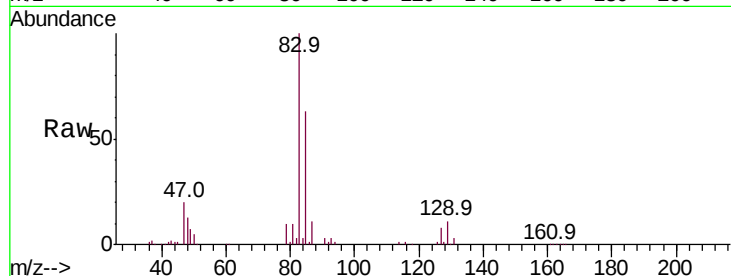
Tot Ion: 83 Resp: 155300

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

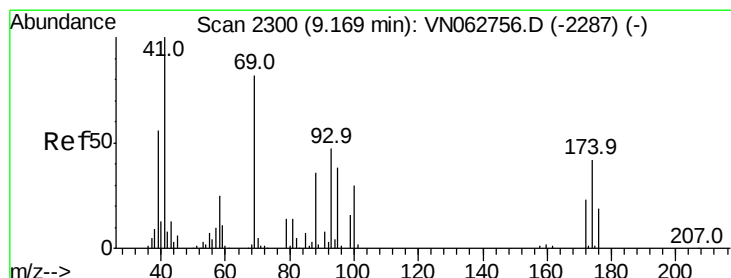
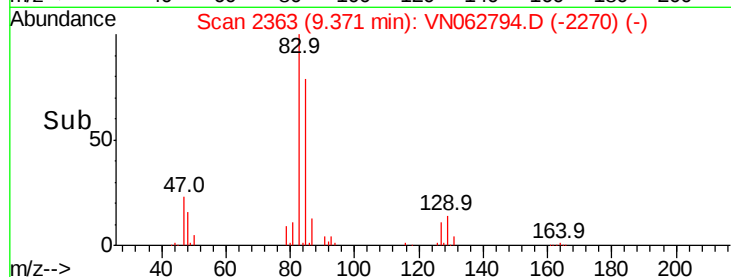
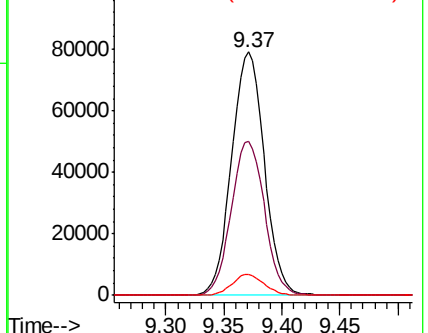
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062794.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062794.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062794.D (-2270) (-)



#48

Methyl methacrylate

Concen: 46.870 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

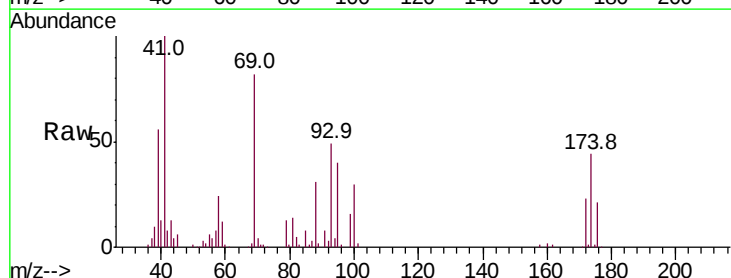
Tgt Ion: 41 Resp: 110195

Ion Ratio Lower Upper

41 100

69 85.3 67.4 101.2

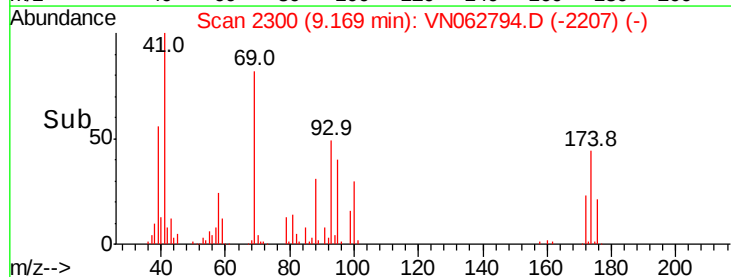
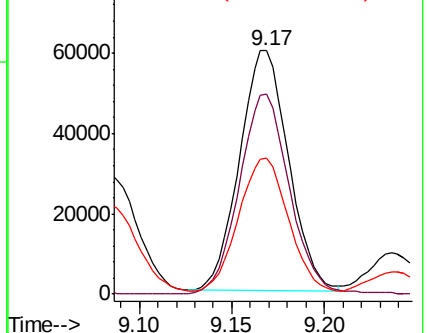
39 58.2 47.6 71.4

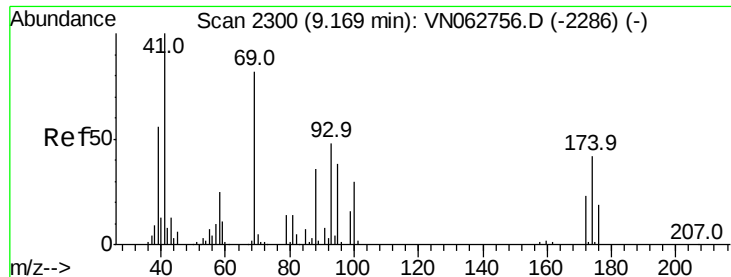


Abundance Ion 41.00 (40.70 to 41.70): VN062794.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062794.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062794.D (-2207) (-)

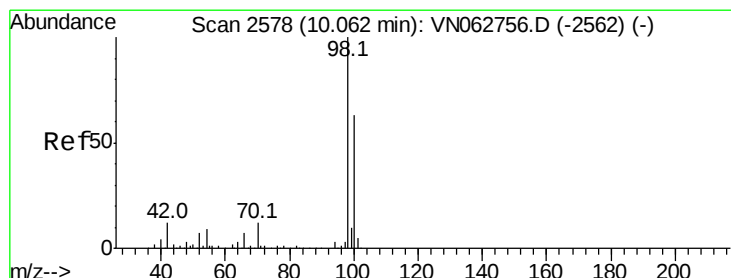
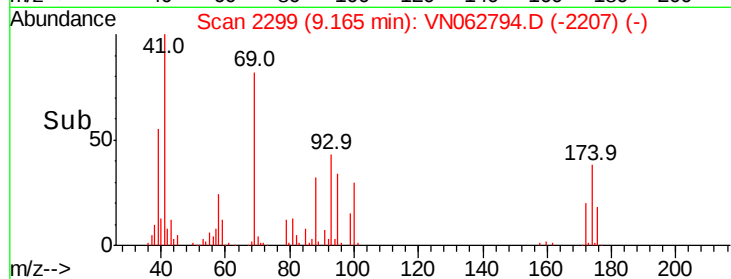
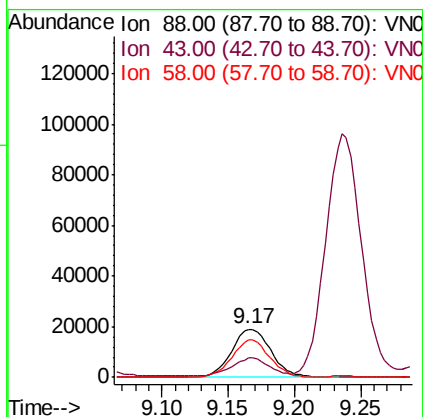
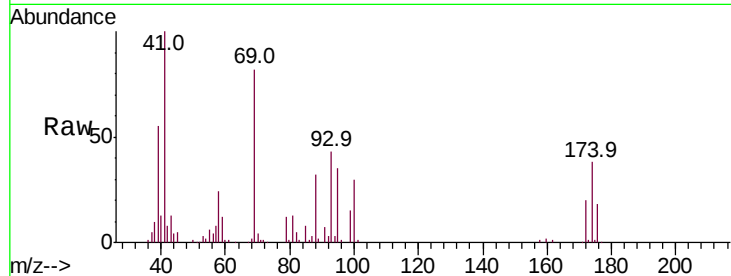




#49
 1,4-Dioxane
 Concen: 908.323 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

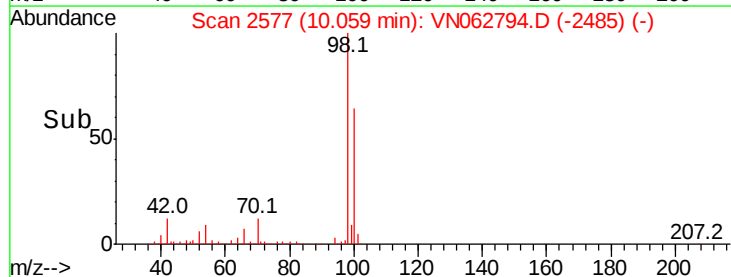
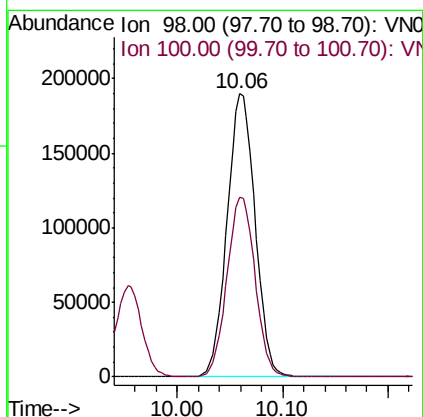
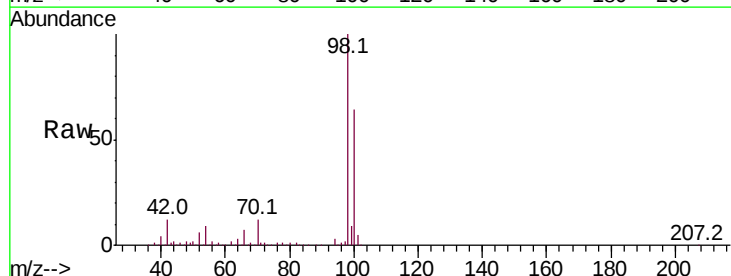
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

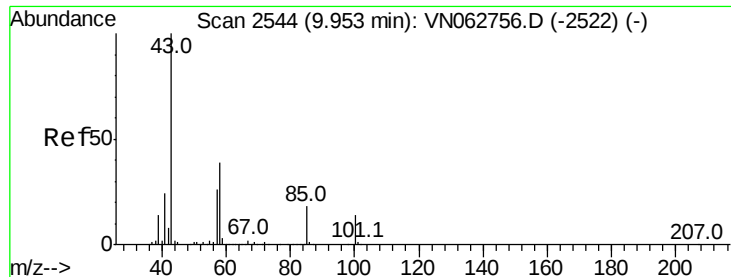
Tot Ion: 88 Resp: 39570
 Ion Ratio Lower Upper
 88 100
 43 35.4 29.5 44.3
 58 74.2 59.8 89.8



#50
 Toluene-d8
 Concen: 46.435 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 98 Resp: 349388
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3

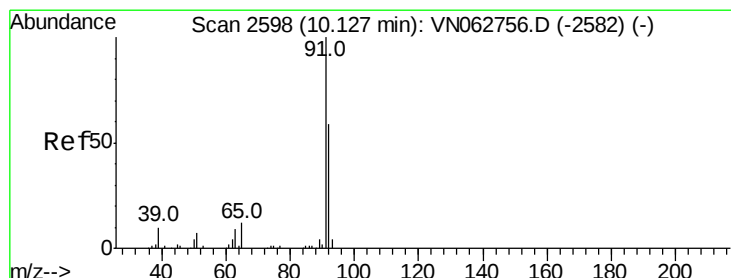
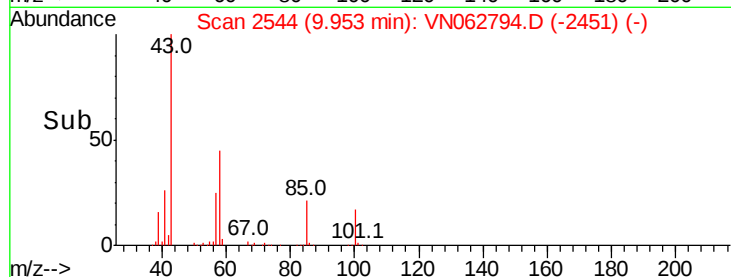
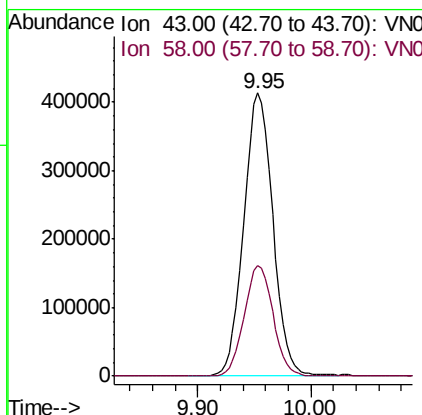
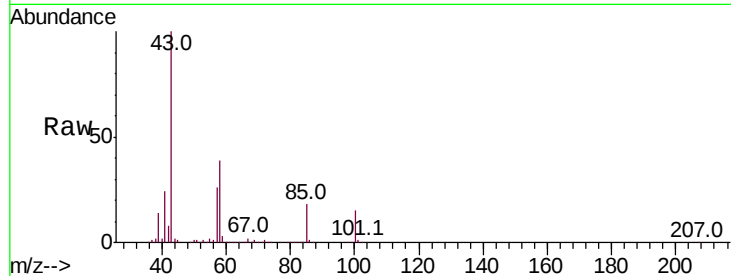




#51
 4-Methyl-2-Pentanone
 Concen: 239.184 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

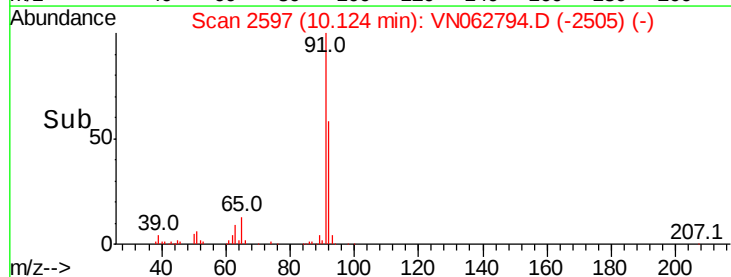
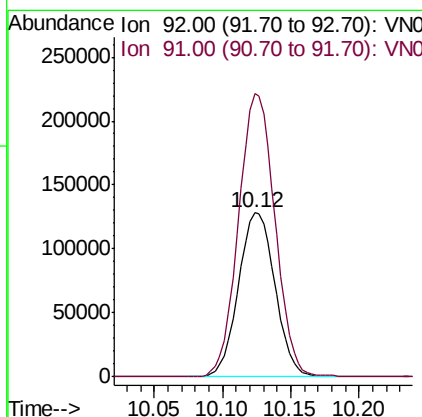
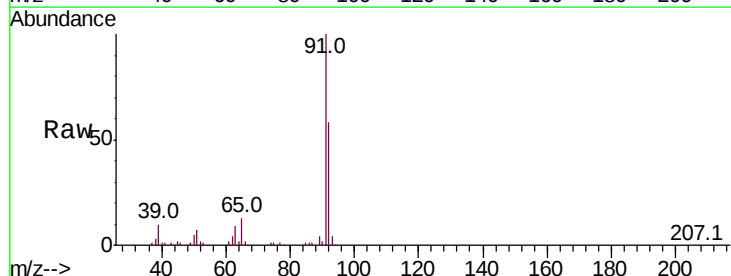
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

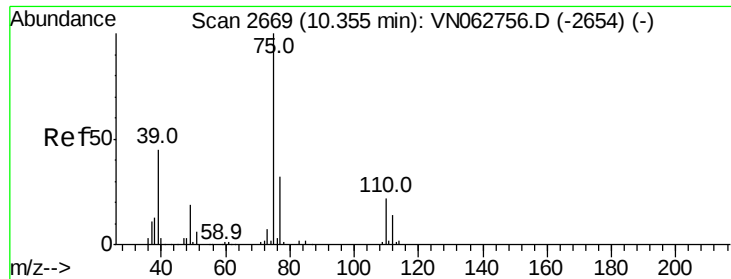
Tot Ion: 43 Resp: 739716
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.1 46.7



#52
 Toluene
 Concen: 47.182 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 92 Resp: 238476
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 44.531 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

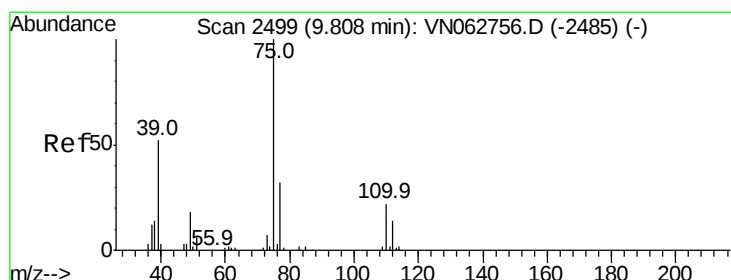
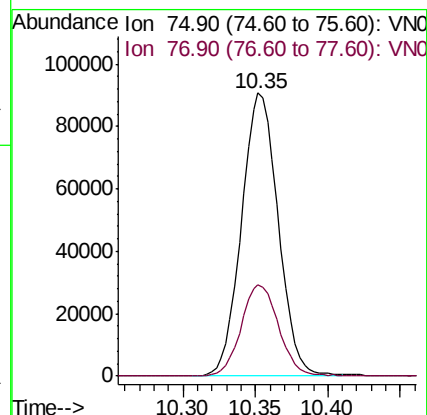
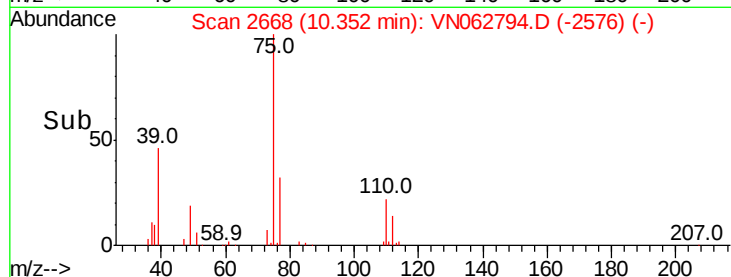
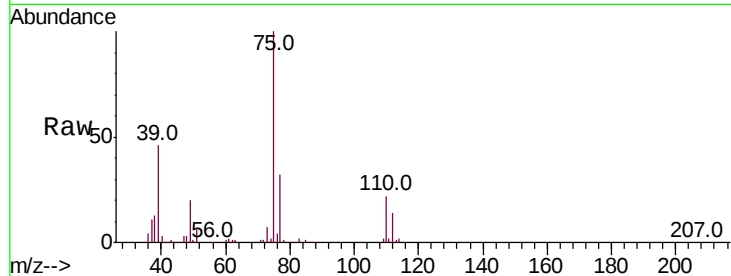
VSTDCCC050EC

Tot Ion: 75 Resp: 159705

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 45.973 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

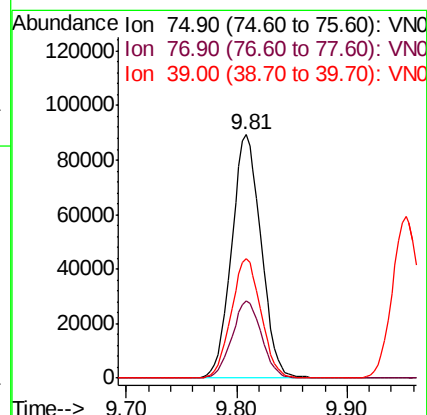
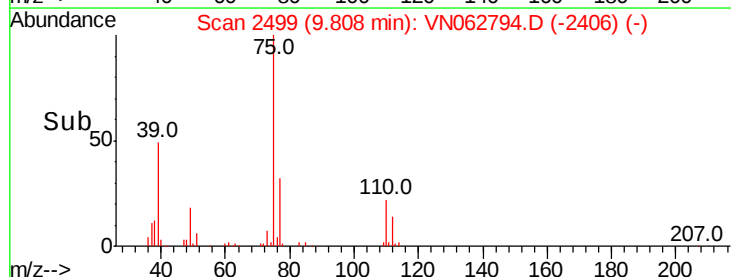
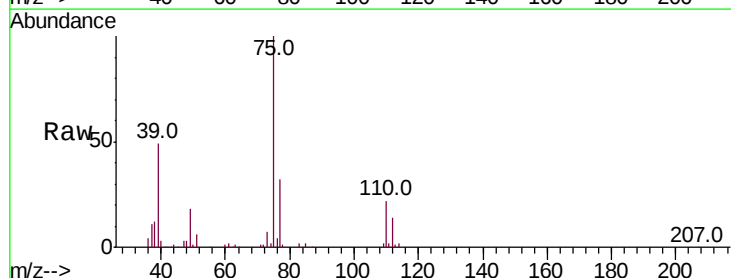
Tgt Ion: 75 Resp: 165539

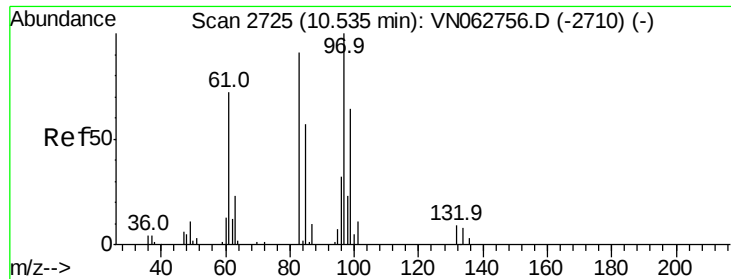
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 49.2 41.9 62.9

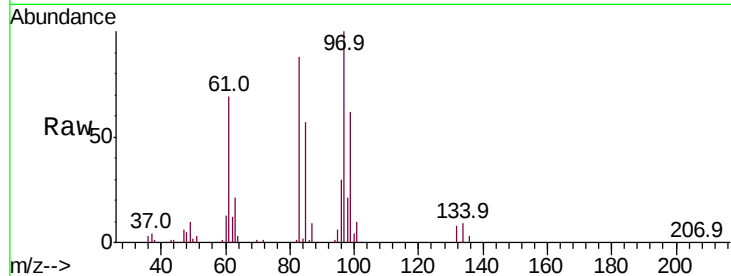




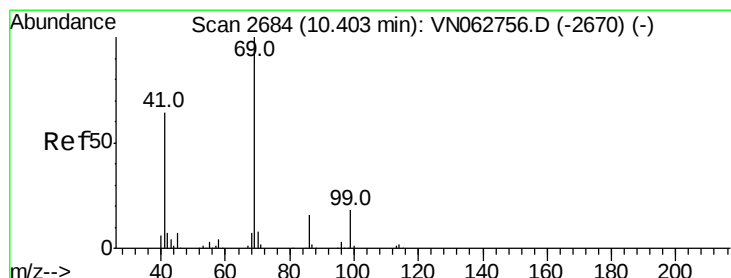
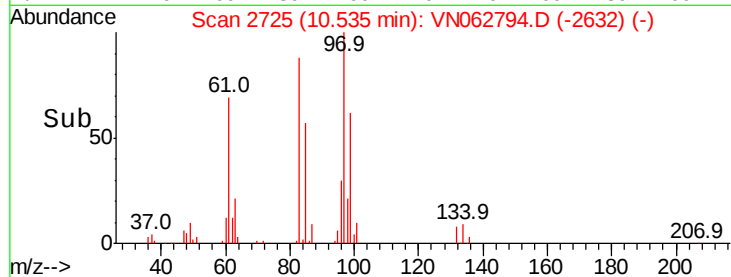
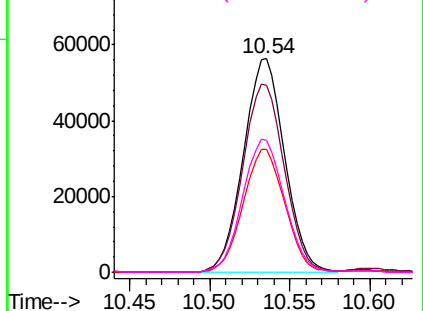
#55
 1,1,2-Trichloroethane
 Concen: 46.120 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 99558
 Ion Ratio Lower Upper
 97 100
 83 87.5 72.6 108.8
 85 57.4 46.0 69.0
 99 61.7 51.1 76.7

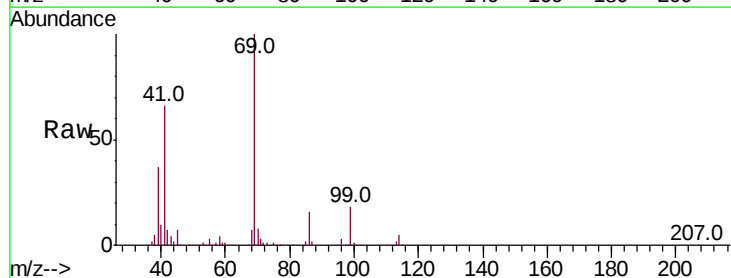


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

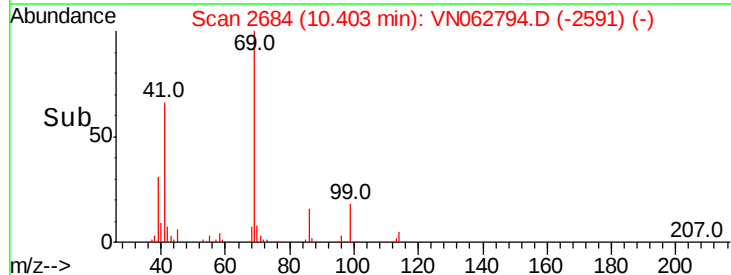
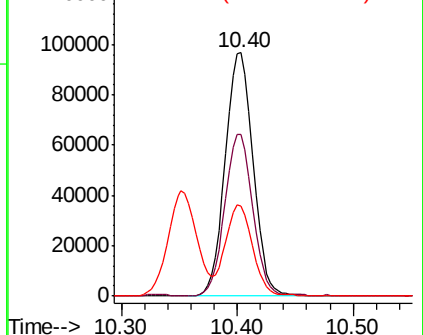


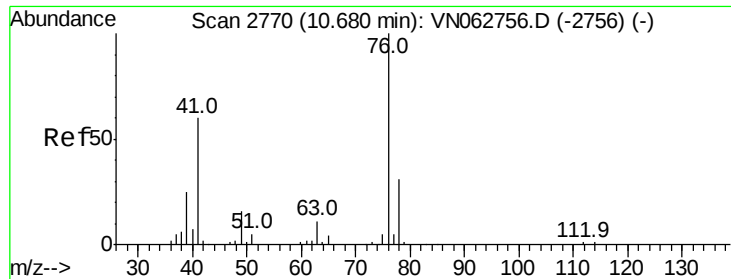
#56
 Ethyl methacrylate
 Concen: 49.482 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 69 Resp: 160781
 Ion Ratio Lower Upper
 69 100
 41 66.2 52.2 78.2
 39 36.4 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: 47.841 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

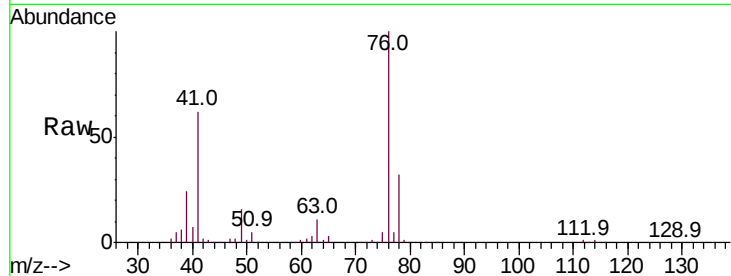
VSTDCCC050EC

Tot Ion: 76 Resp: 175475

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN062756.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062756.D (-2756) (-)

10.68

120000

100000

80000

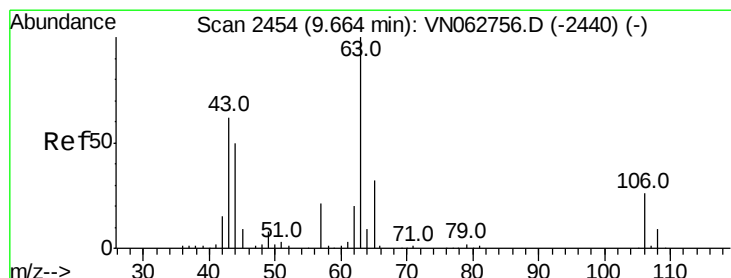
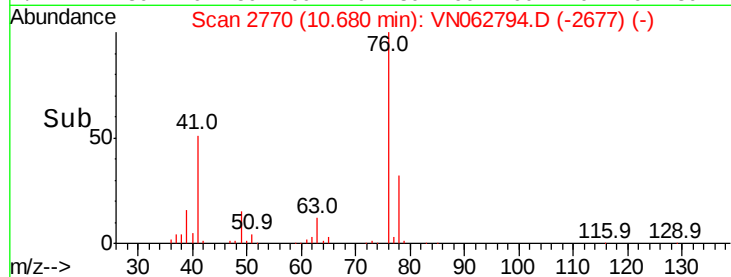
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 241.692 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062794.D

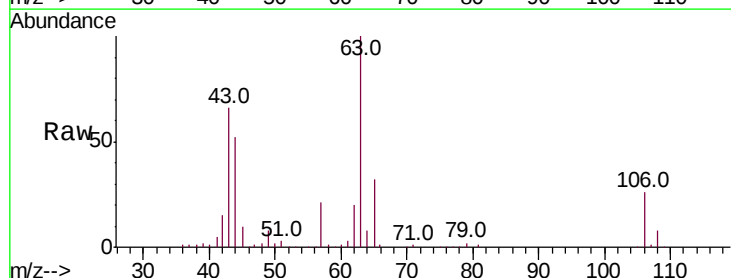
Acq: 7 Aug 2020 21:19

Tgt Ion: 63 Resp: 221981

Ion Ratio Lower Upper

63 100

106 26.2 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062756.D (-2440) (-)

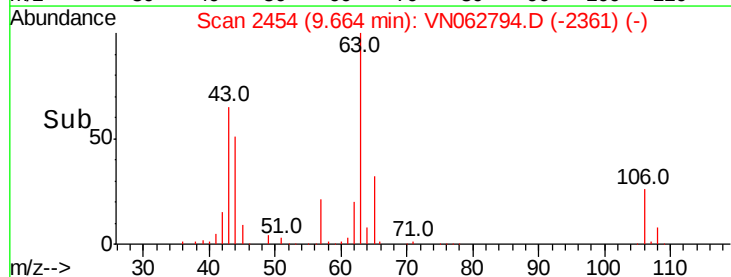
9.66

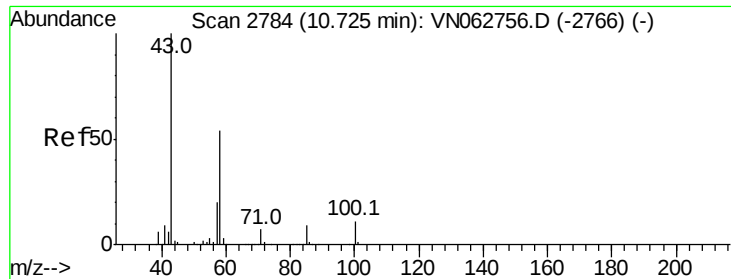
100000

50000

0

Time-->

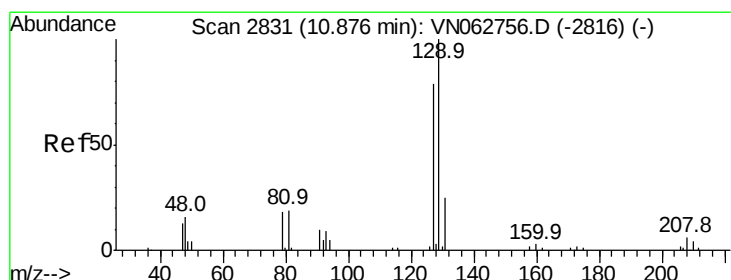
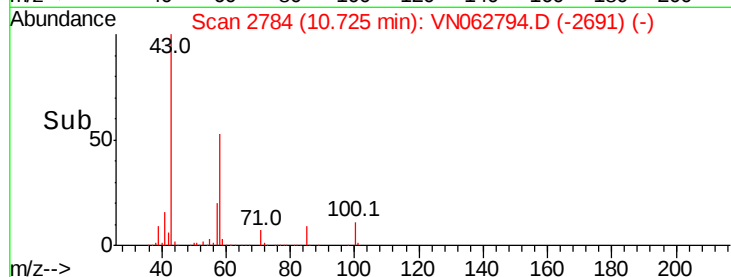
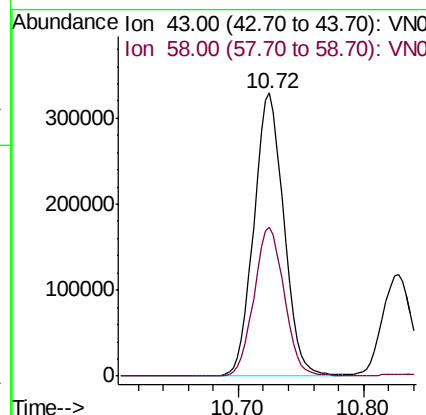
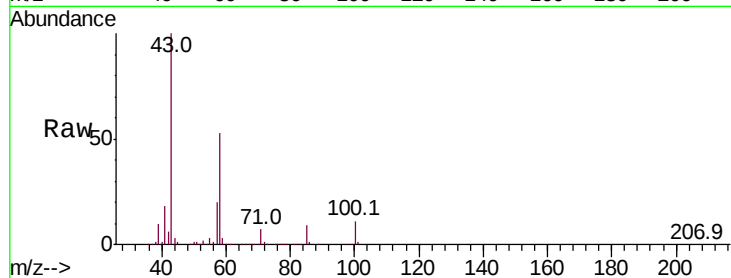




#59
2-Hexanone
Concen: 237.009 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

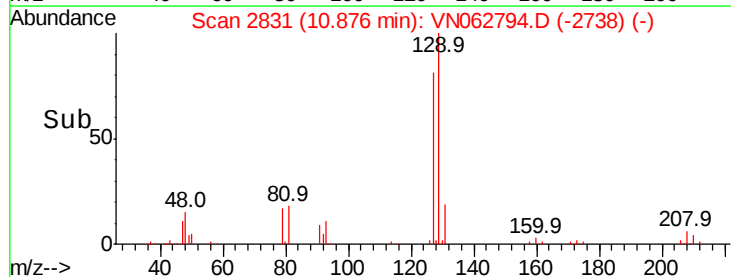
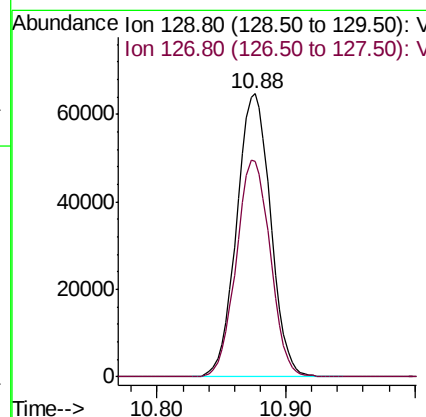
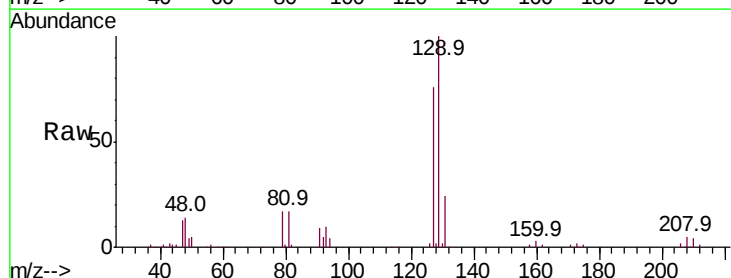
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

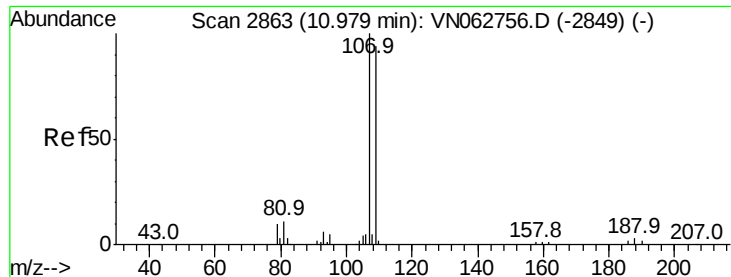
Tot Ion: 43 Resp: 546768
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 48.114 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 129 Resp: 118527
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.811 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

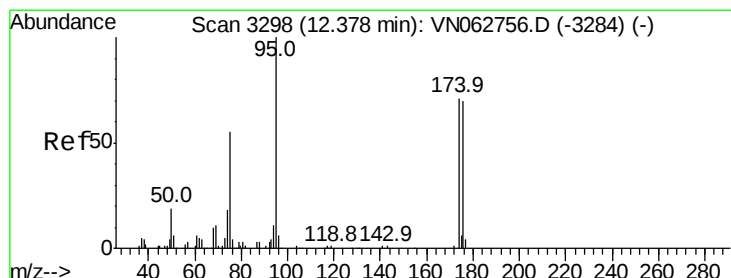
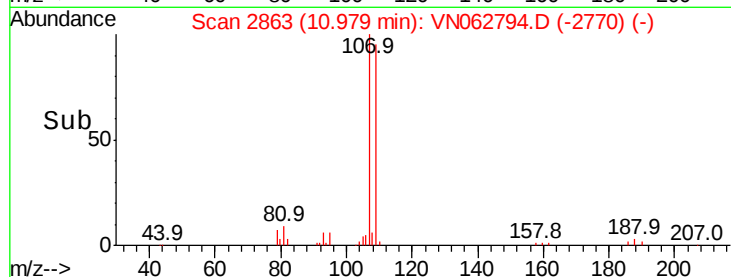
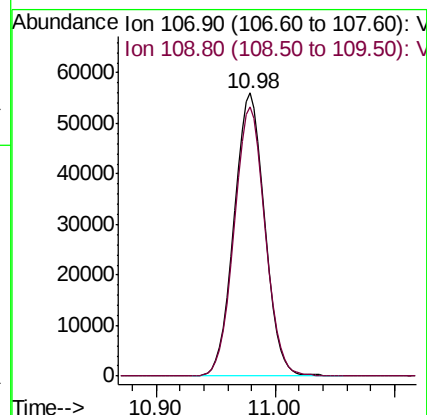
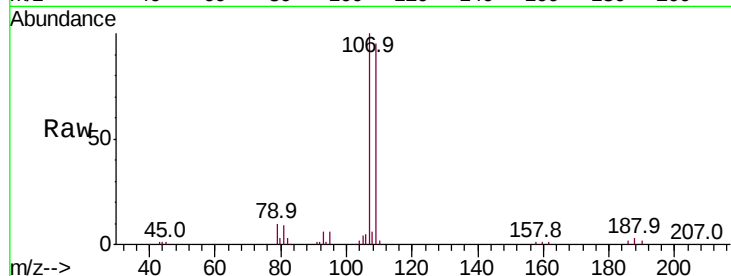
VSTDCCC050EC

Tot Ion:107 Resp: 99712

Ion Ratio Lower Upper

107 100

109 96.1 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 45.257 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

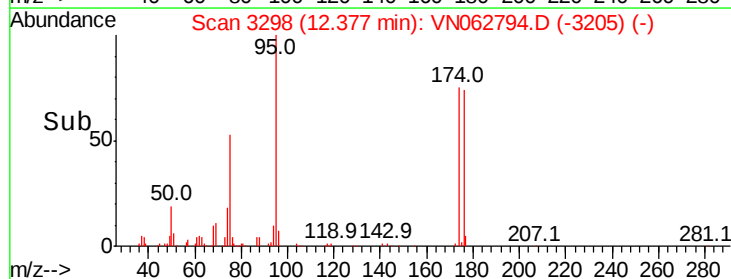
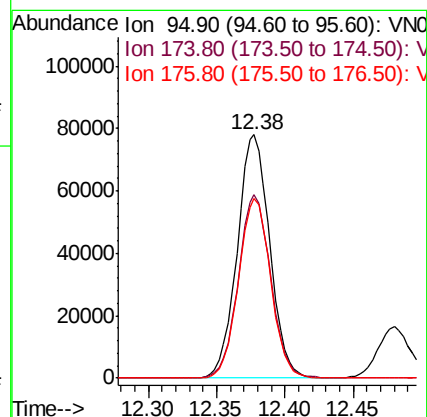
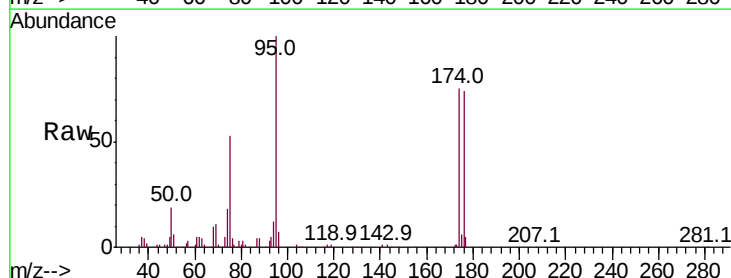
Tgt Ion: 95 Resp: 128683

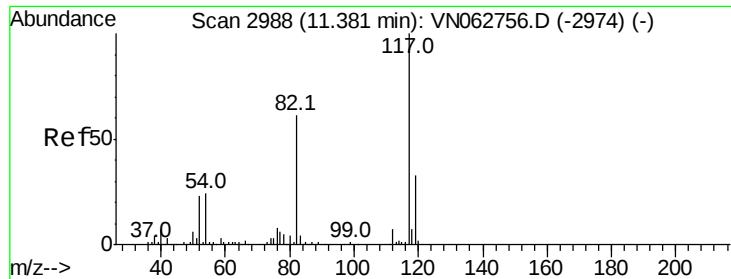
Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.8

176 73.3 0.0 142.2

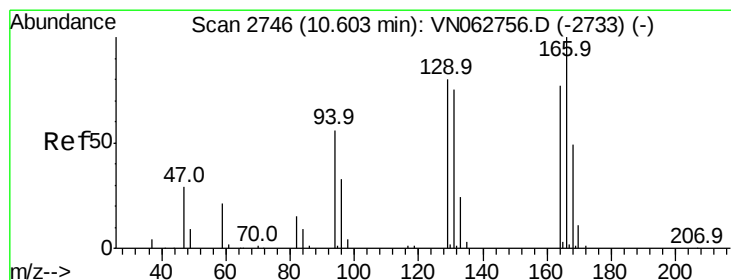
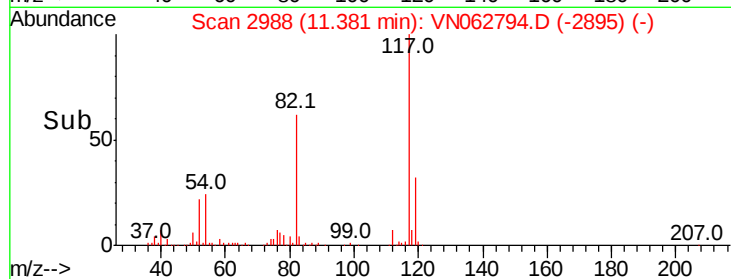
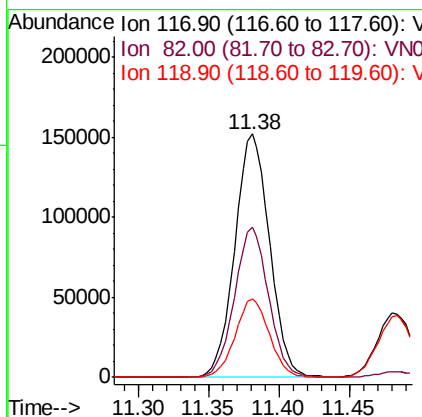
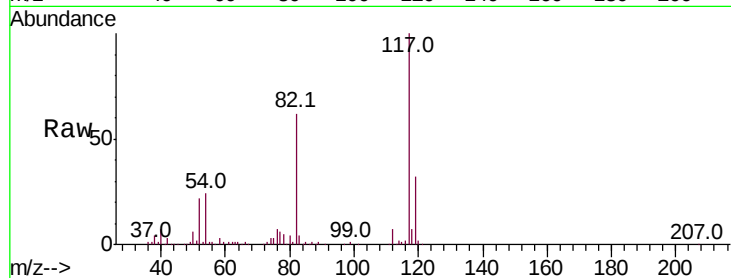




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

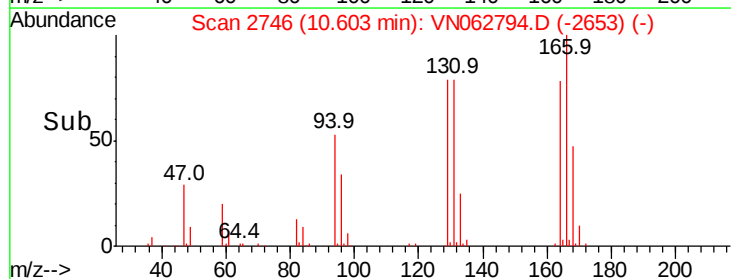
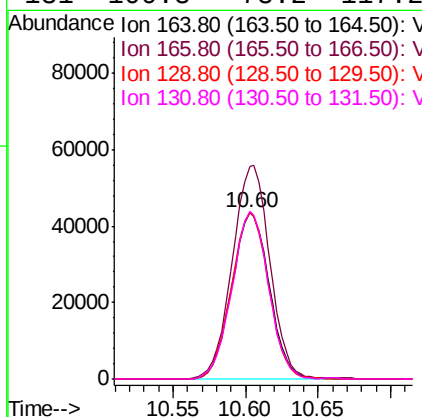
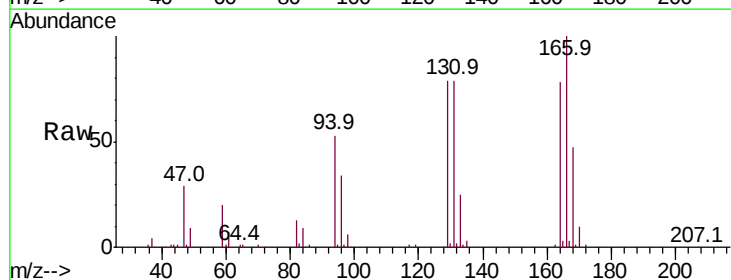
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

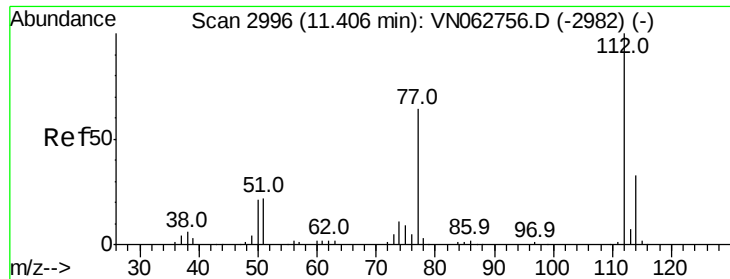
Tot Ion:117 Resp: 263058
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.4
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 46.199 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion:164 Resp: 78412
Ion Ratio Lower Upper
164 100
166 127.9 103.8 155.8
129 100.5 82.7 124.1
131 100.8 78.2 117.2

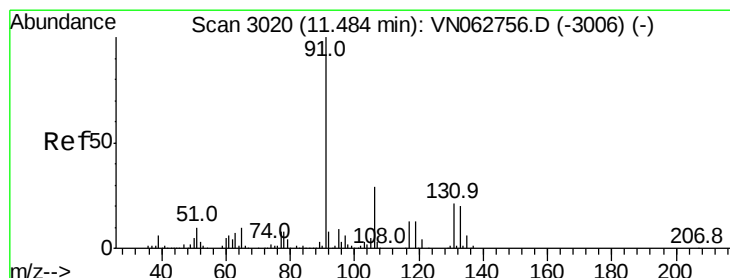
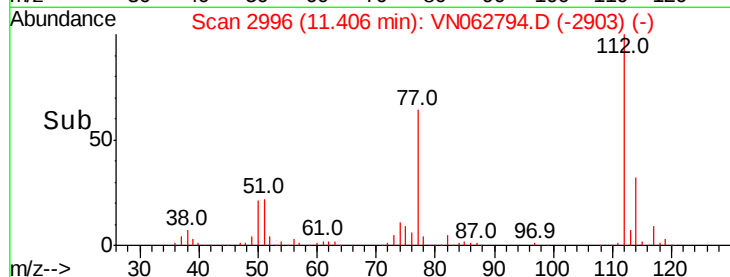
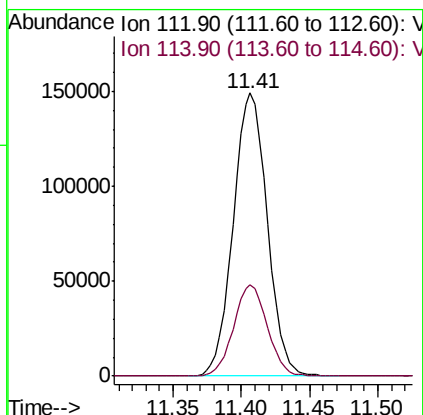
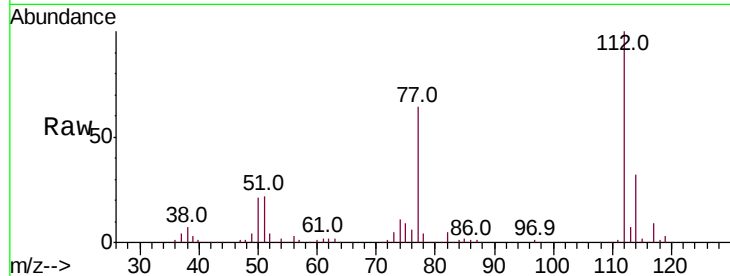




#65
Chlorobenzene
Concen: 46.892 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

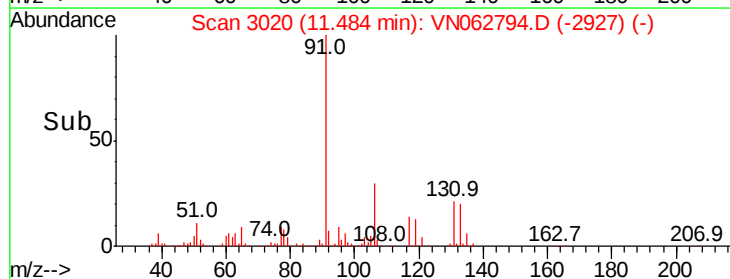
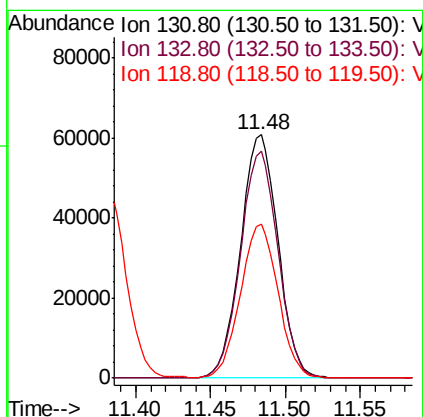
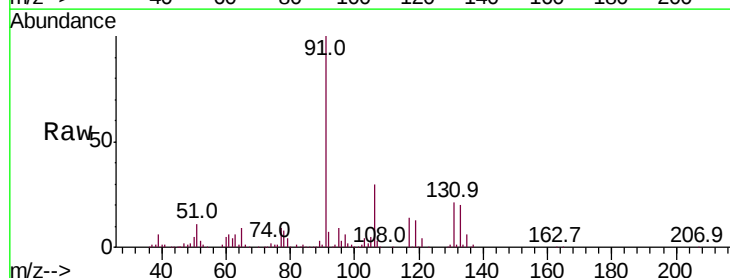
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

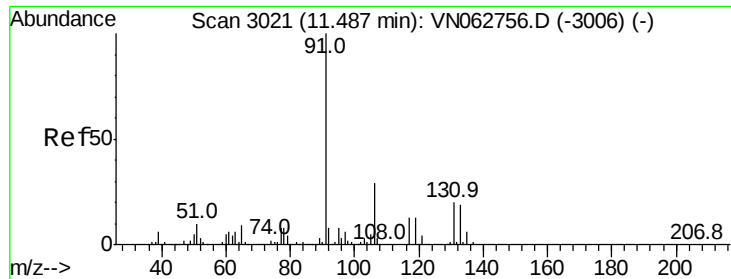
Tot Ion:112 Resp: 257855
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.089 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion:131 Resp: 106192
Ion Ratio Lower Upper
131 100
133 93.7 48.6 145.8
119 63.5 32.2 96.6

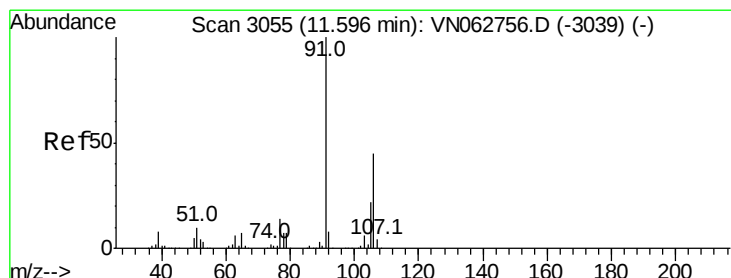
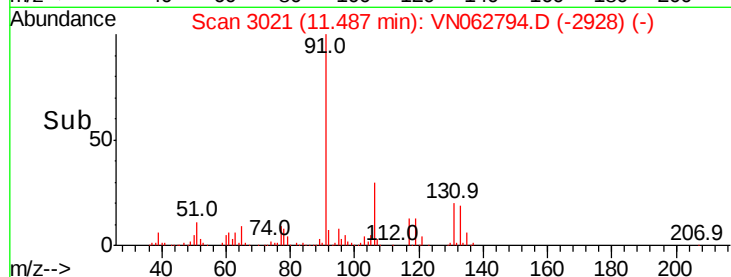
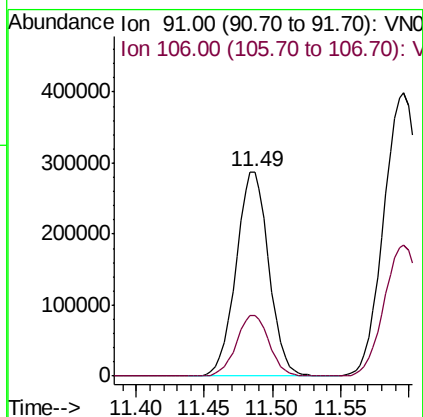
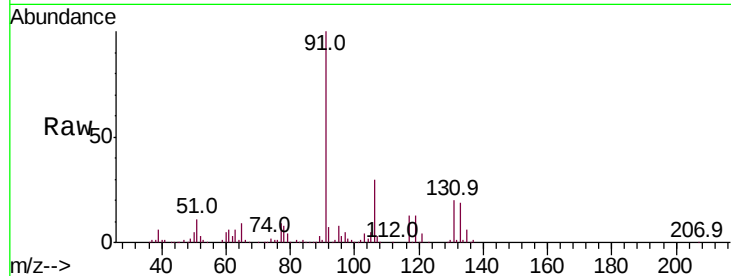




#67
Ethyl Benzene
Concen: 48.571 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

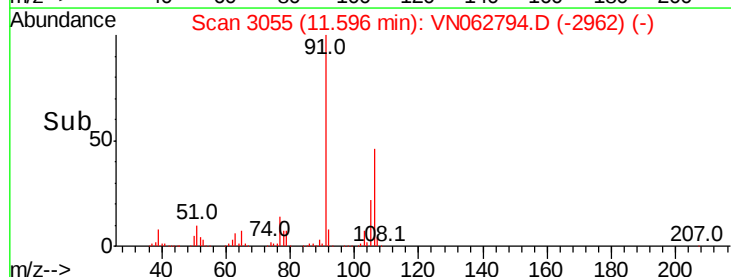
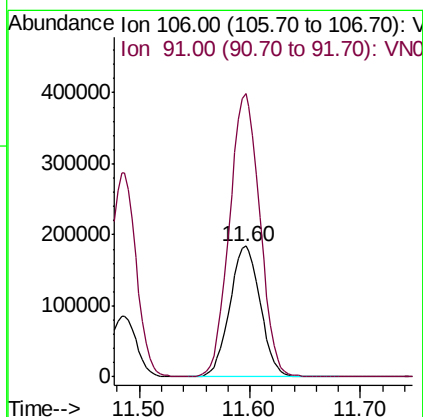
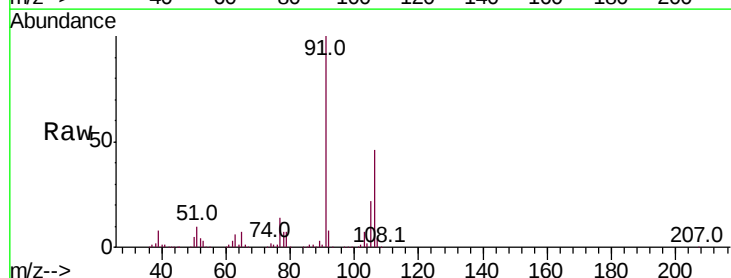
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

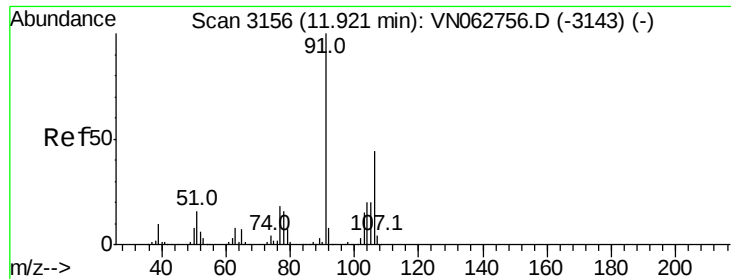
Tot Ion: 91 Resp: 477955
Ion Ratio Lower Upper
91 100
106 30.0 23.2 34.8



#68
m/p-Xylenes
Concen: 98.725 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 106 Resp: 352647
Ion Ratio Lower Upper
106 100
91 216.1 175.9 263.9

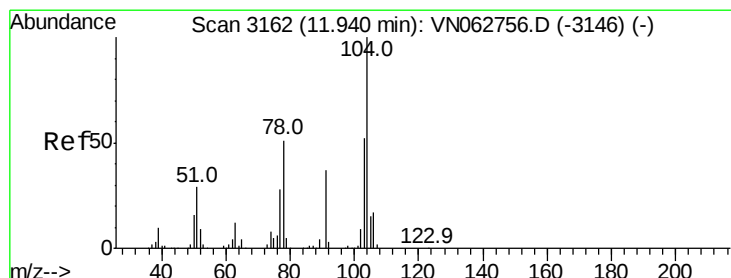
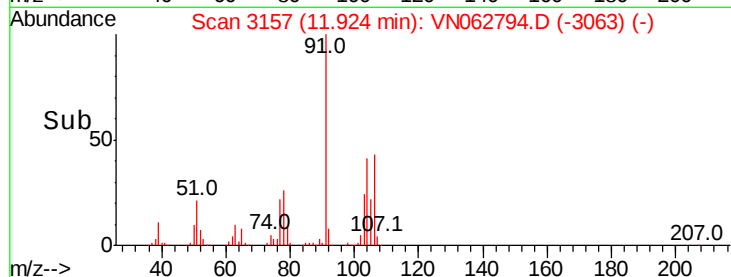
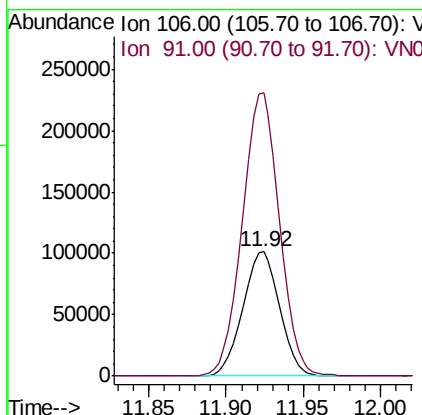
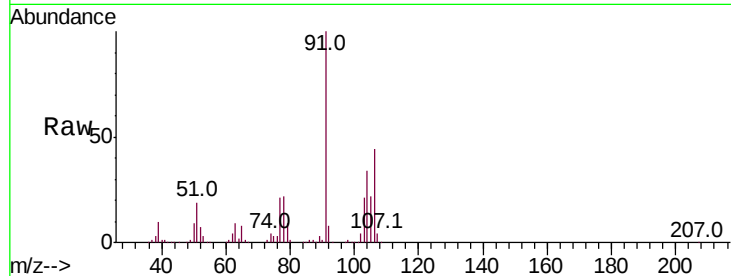




#69
o-Xylene
Concen: 50.379 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

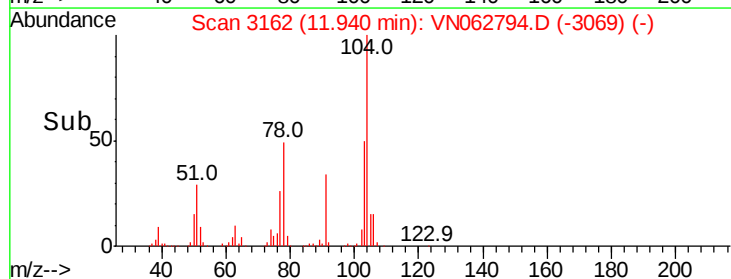
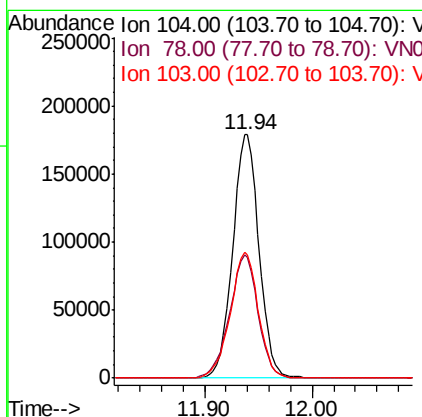
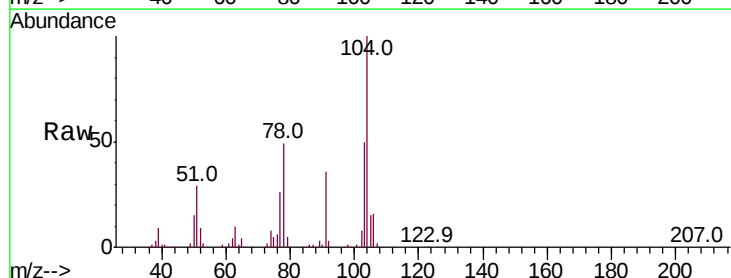
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

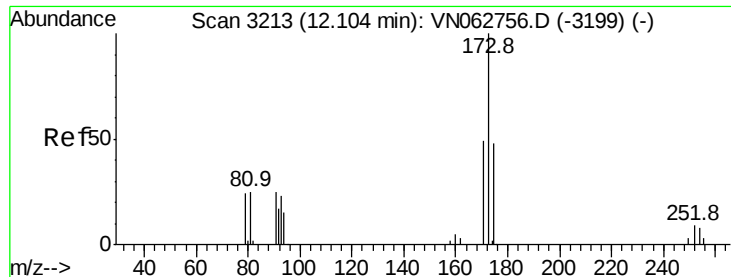
Tot Ion:106 Resp: 168640
Ion Ratio Lower Upper
106 100
91 229.0 115.8 347.4



#70
Styrene
Concen: 51.803 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion:104 Resp: 304811
Ion Ratio Lower Upper
104 100
78 54.8 45.9 68.9
103 54.9 45.1 67.7





#71

Bromoform

Concen: 46.902 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

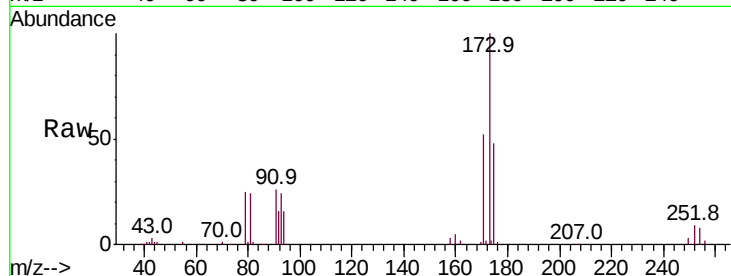
Tot Ion:173 Resp: 84741

Ion Ratio Lower Upper

173 100

175 48.1 24.0 72.0

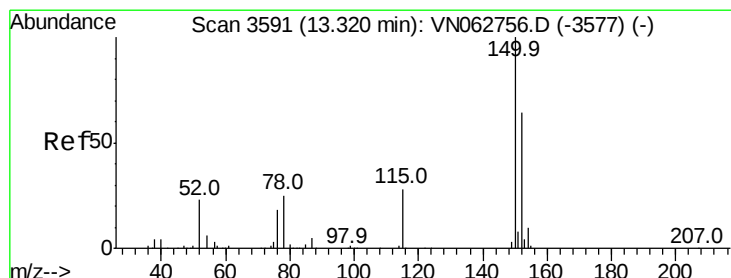
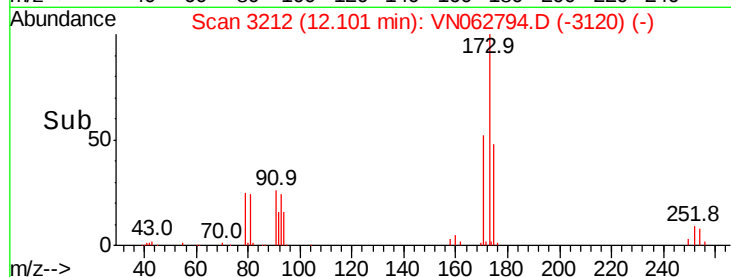
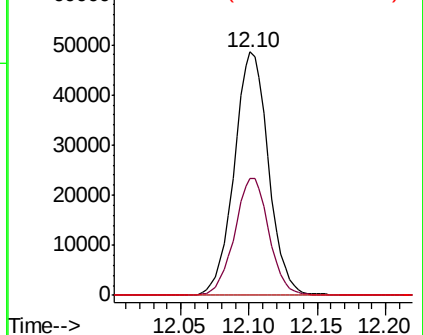
254 0.0 0.0 0.0



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: VN062794.D

Acq: 7 Aug 2020 21:19

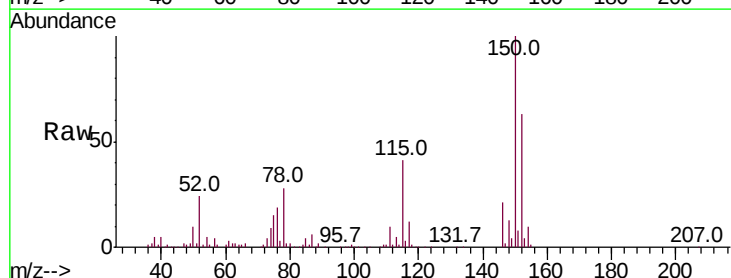
Tgt Ion:152 Resp: 131199

Ion Ratio Lower Upper

152 100

115 64.7 31.6 94.8

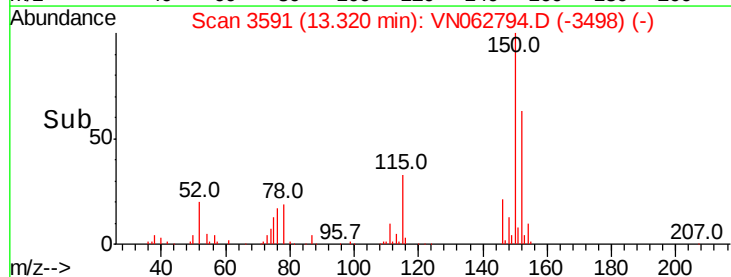
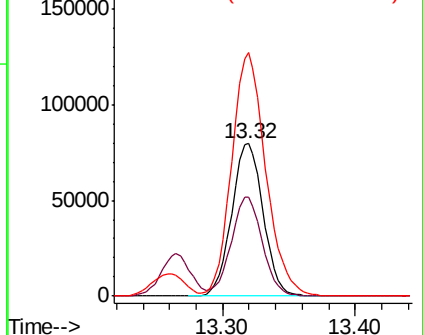
150 172.4 0.0 349.2

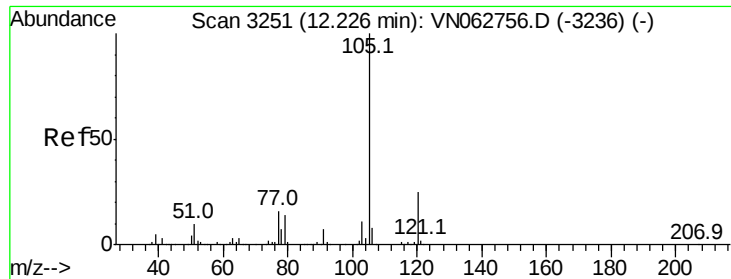


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.759 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

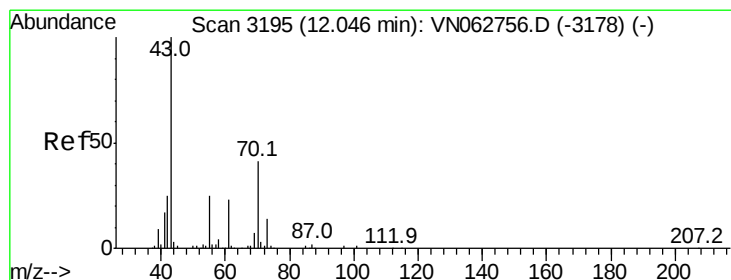
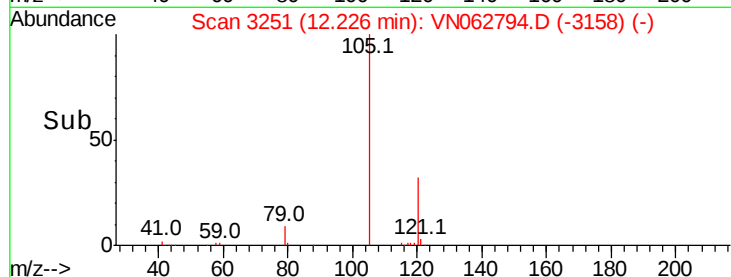
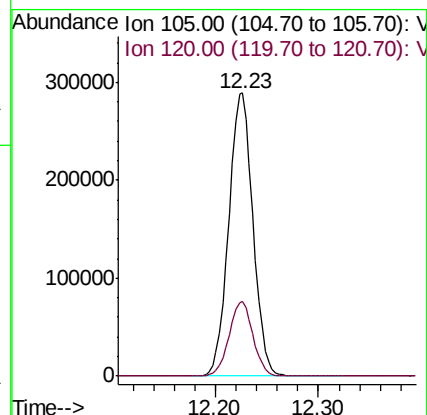
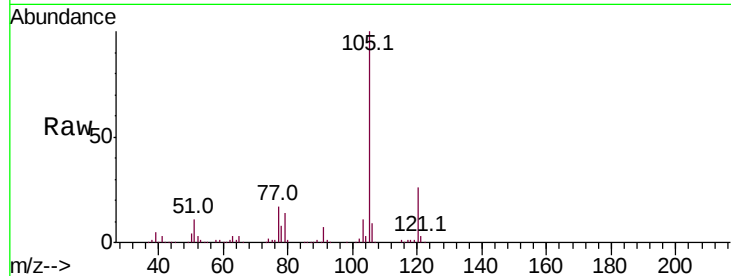
VSTDCCC050EC

Tot Ion:105 Resp: 471824

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



#74

N-ethyl acetate

Concen: 49.936 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion: 43 Resp: 199922

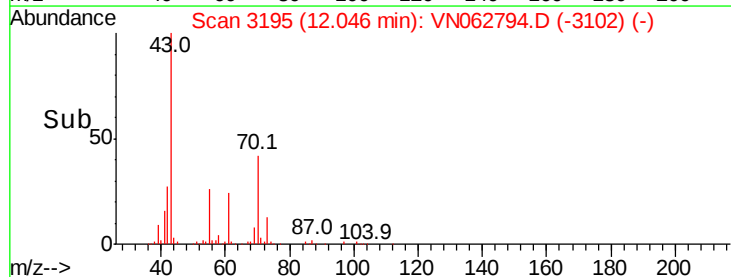
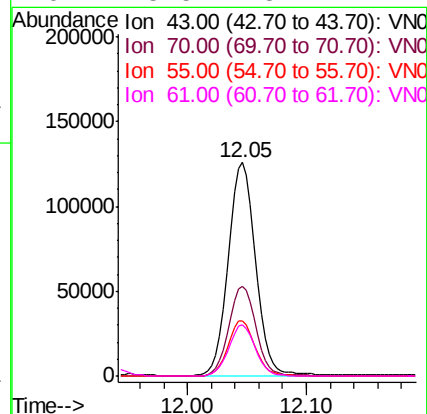
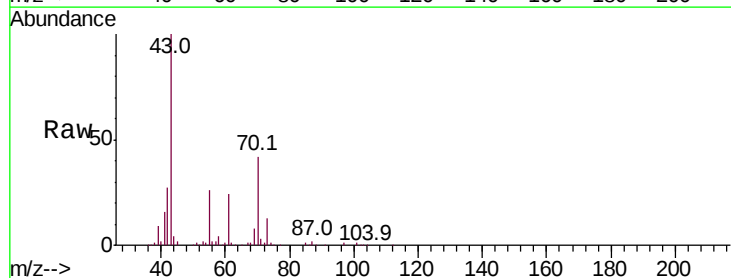
Ion Ratio Lower Upper

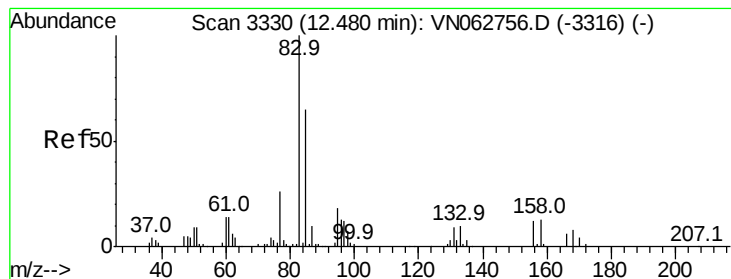
43 100

70 41.8 32.3 48.5

55 25.7 20.2 30.2

61 23.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.400 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

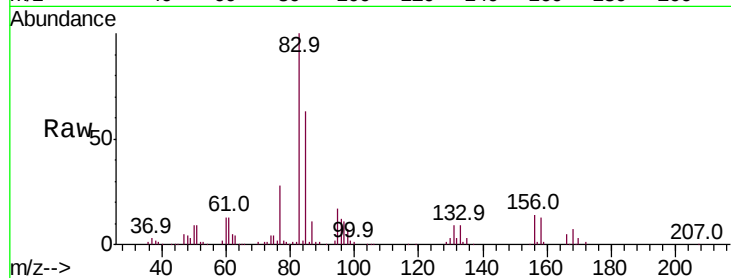
Tot Ion: 83 Resp: 157891

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

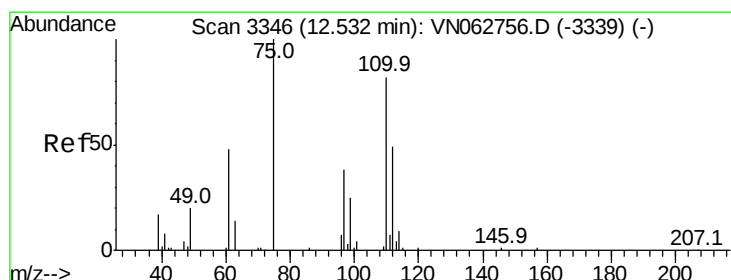
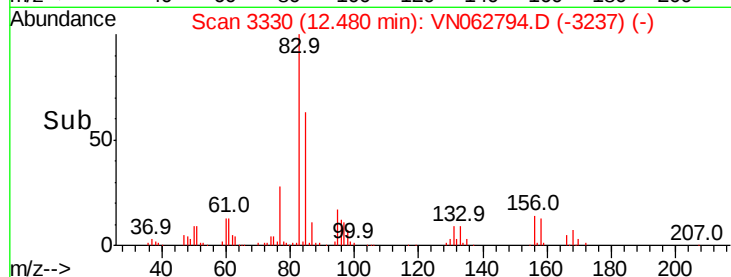
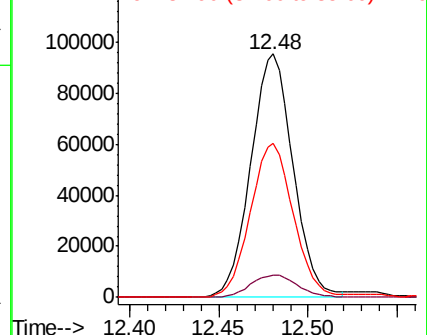
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 58.621 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062794.D

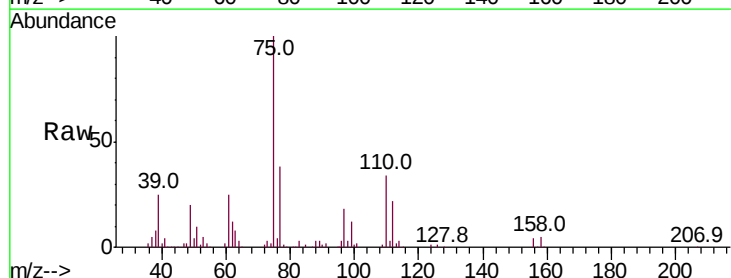
Acq: 7 Aug 2020 21:19

Tgt Ion: 75 Resp: 207419

Ion Ratio Lower Upper

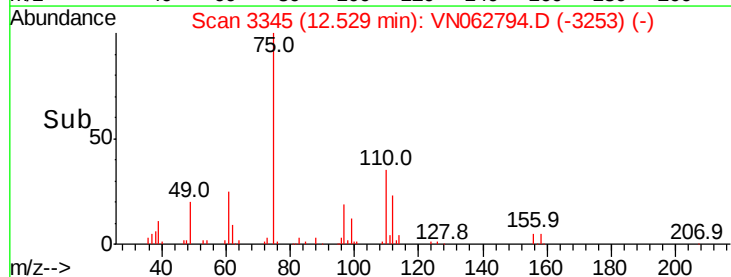
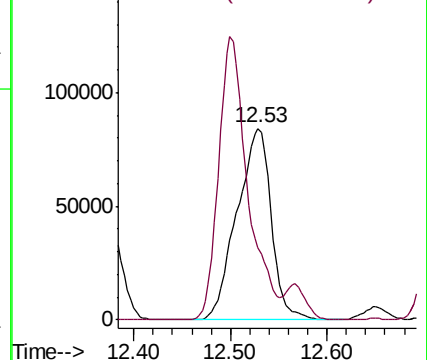
75 100

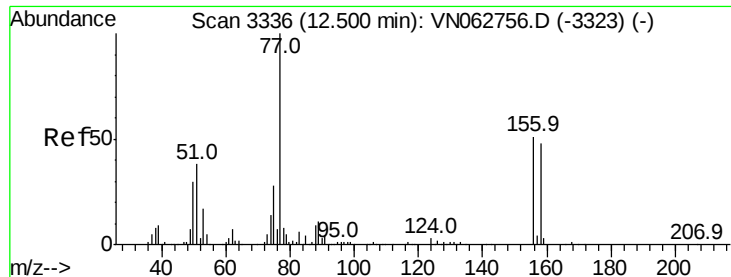
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 46.411 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

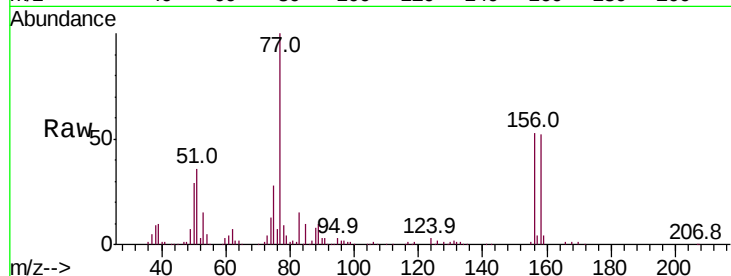
Tot Ion:156 Resp: 113924

Ion Ratio Lower Upper

156 100

77 229.5 119.7 359.1

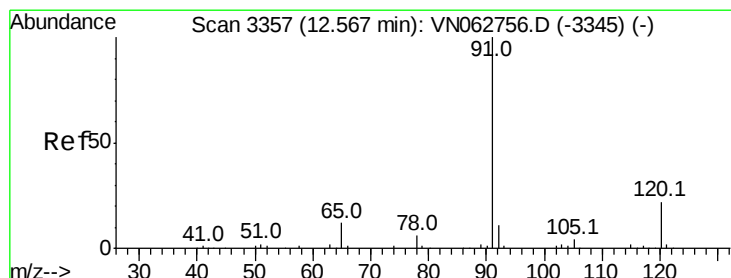
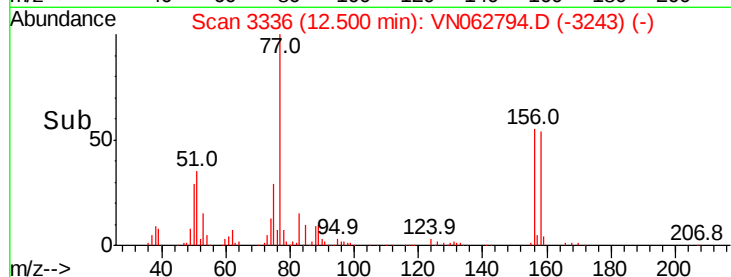
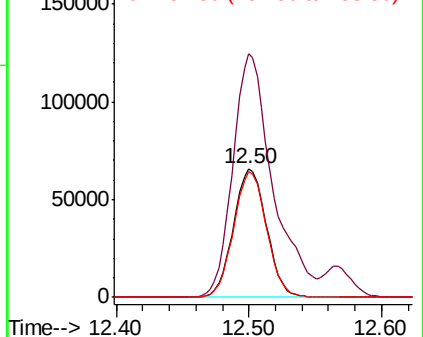
158 97.4 48.1 144.3



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: 47.669 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062794.D

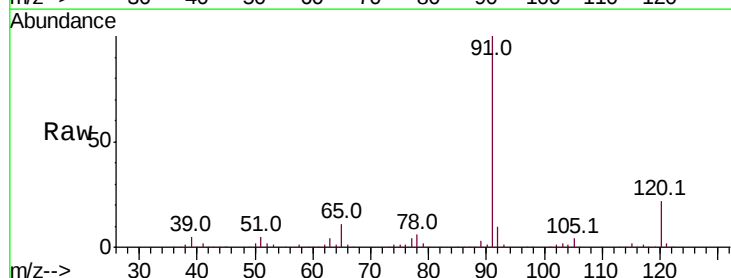
Acq: 7 Aug 2020 21:19

Tgt Ion: 91 Resp: 552805

Ion Ratio Lower Upper

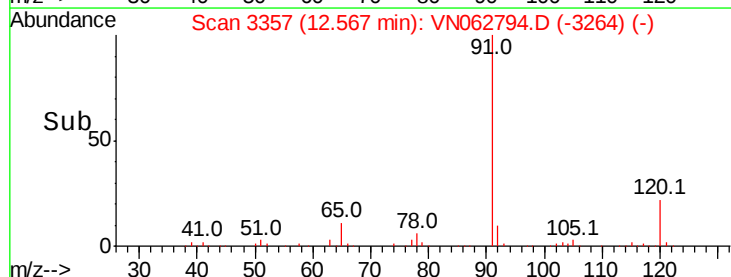
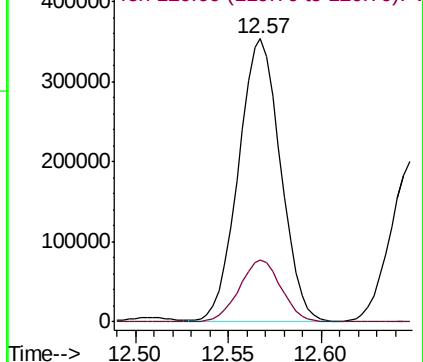
91 100

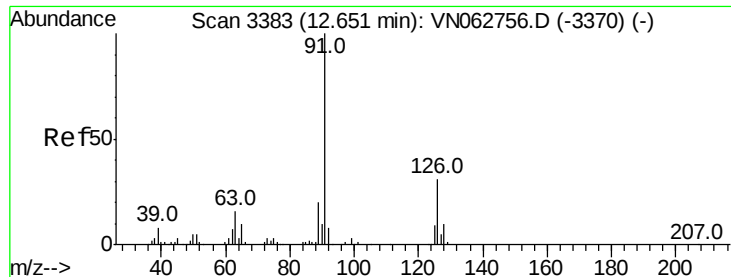
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

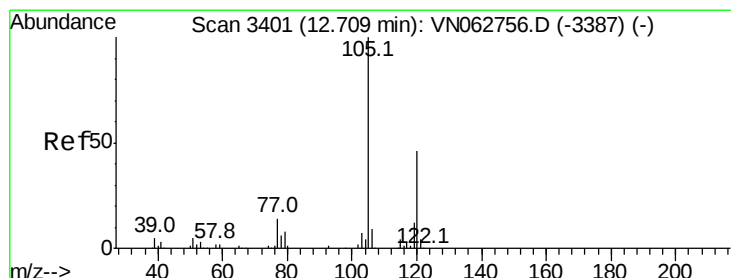
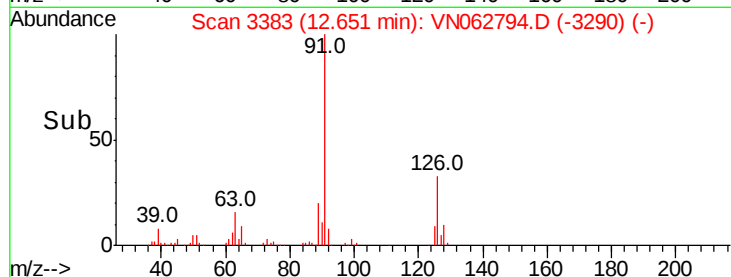
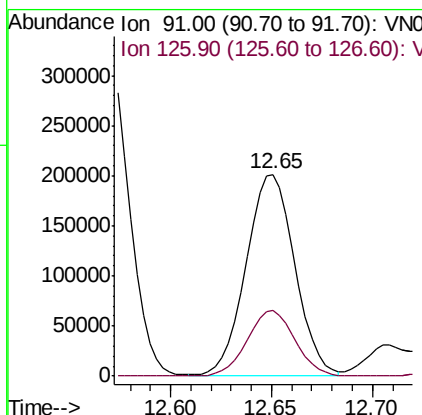
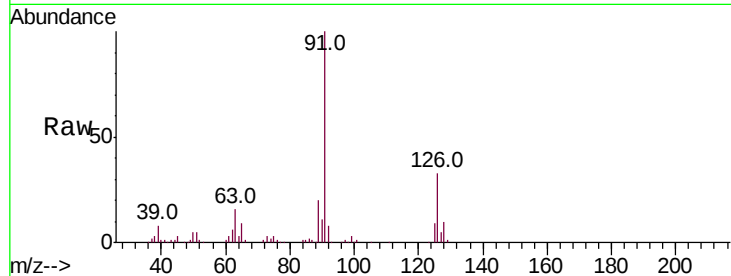




#79
 2-Chlorotoluene
 Concen: 46.398 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

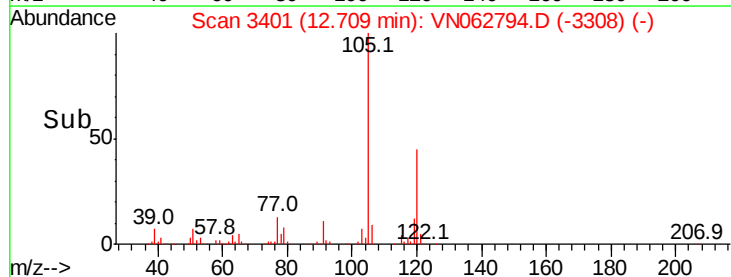
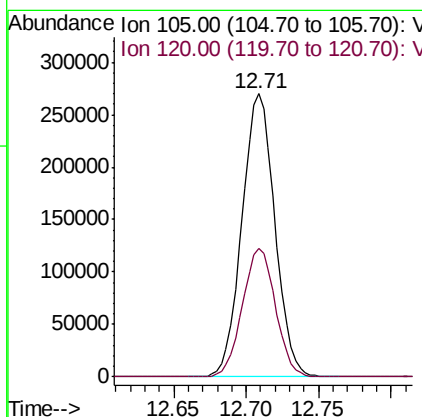
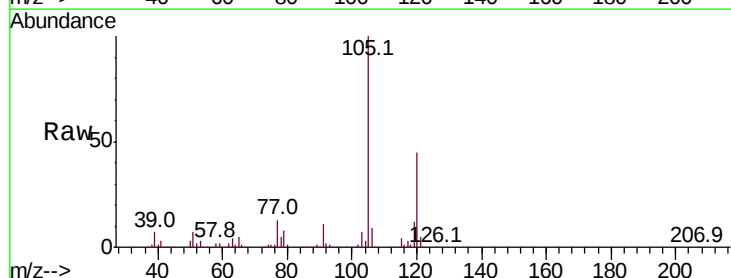
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

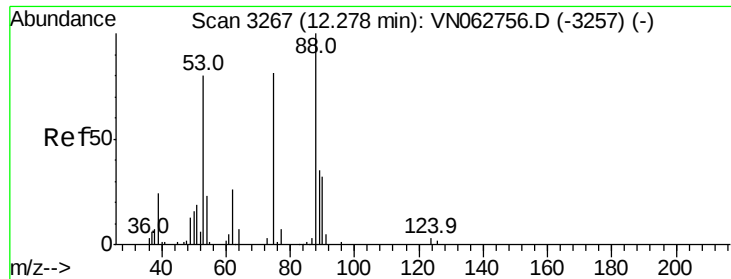
Tot Ion: 91 Resp: 337417
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.581 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:105 Resp: 424947
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

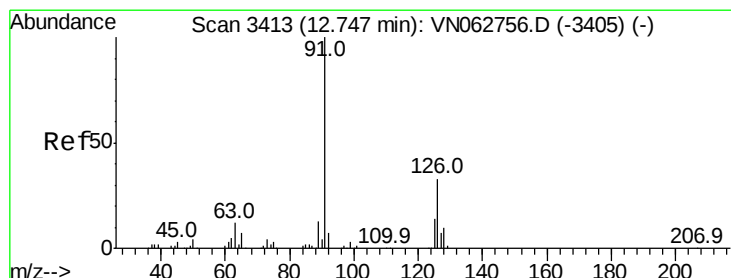
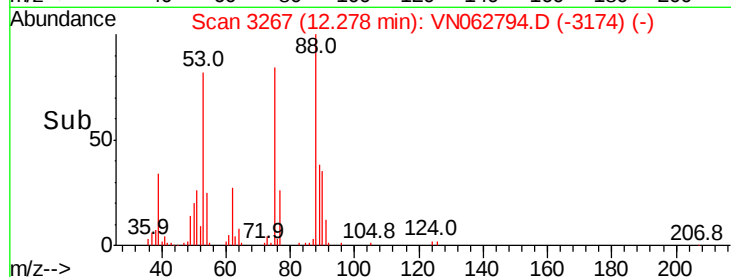
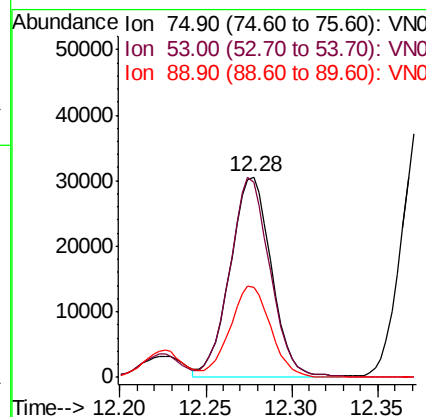
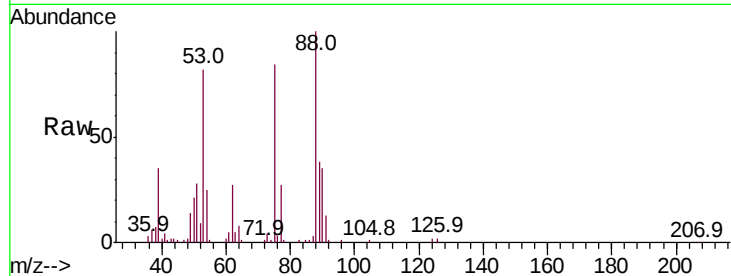




#81
trans-1,4-Dichloro-2-butene
Concen: 44.362 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

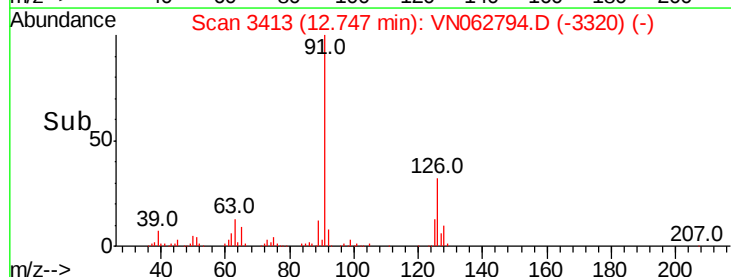
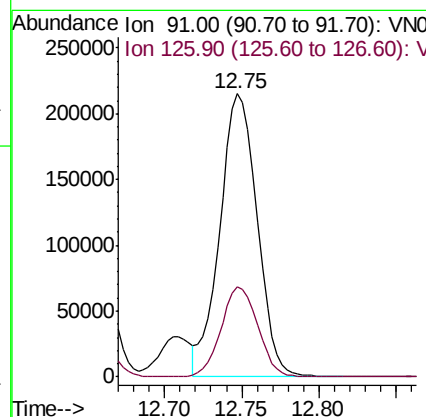
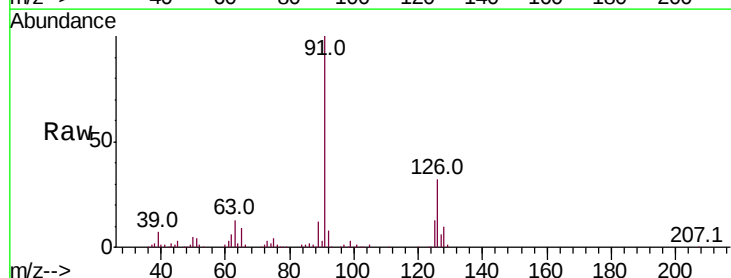
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

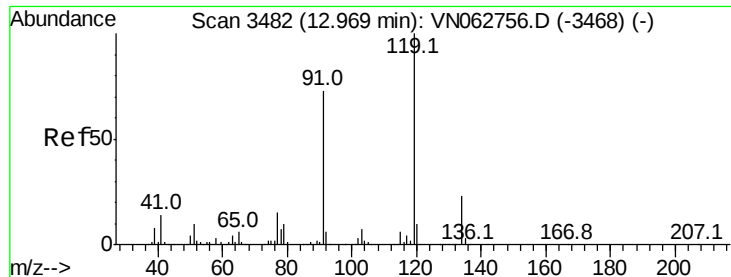
Tot Ion: 75 Resp: 51418
Ion Ratio Lower Upper
75 100
53 97.6 79.1 118.7
89 44.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 47.847 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 91 Resp: 358577
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.9

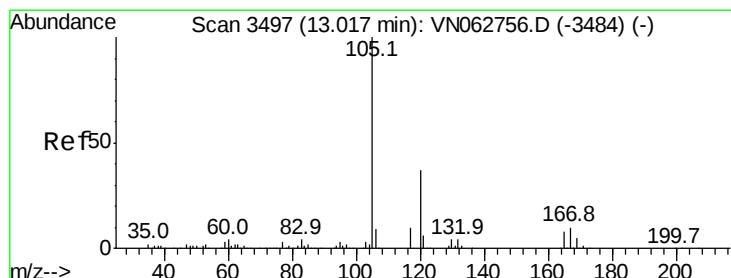
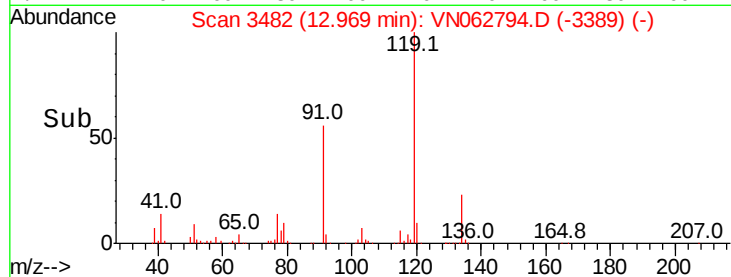
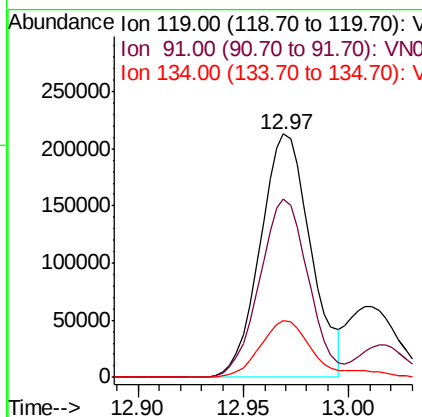
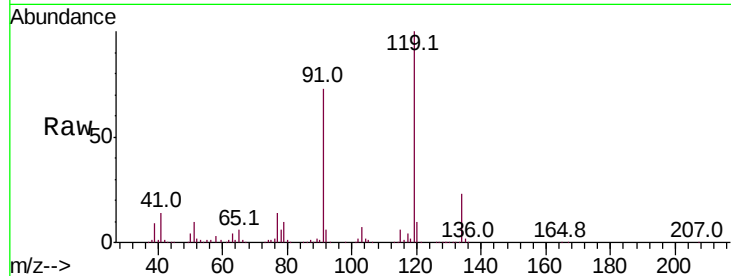




#83
 tert-Butylbenzene
 Concen: 48.825 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

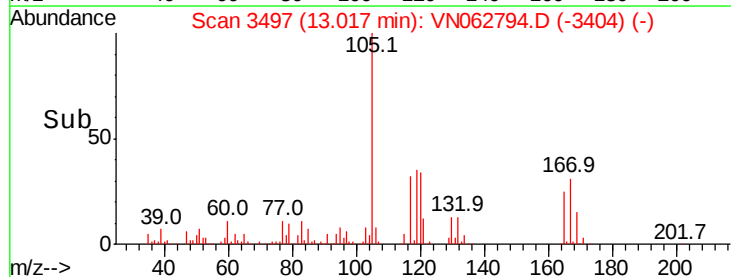
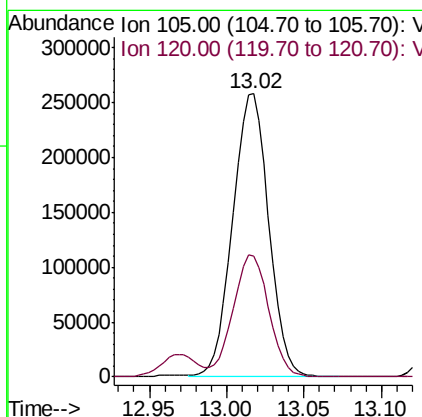
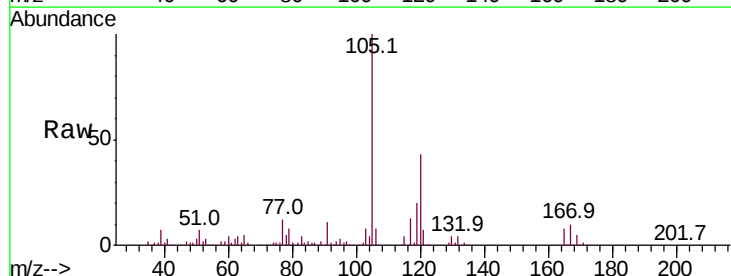
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

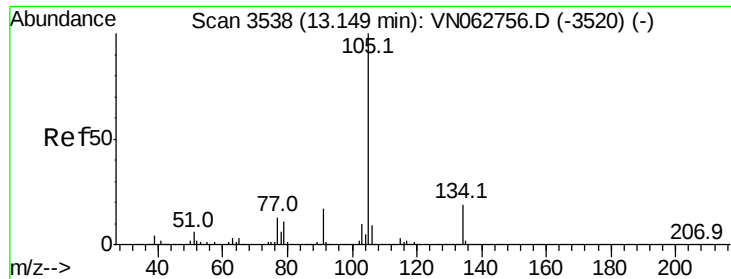
Tot Ion:119 Resp: 354090
 Ion Ratio Lower Upper
 119 100
 91 71.4 36.5 109.5
 134 23.1 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.719 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:105 Resp: 415867
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.4 64.2

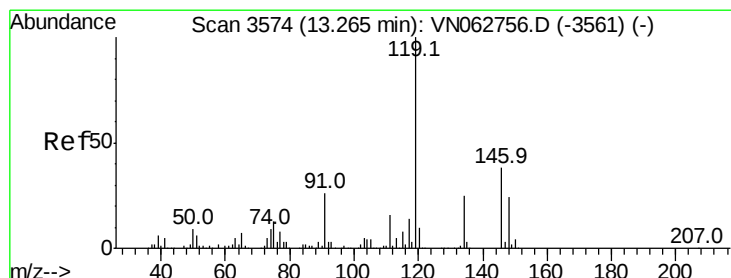
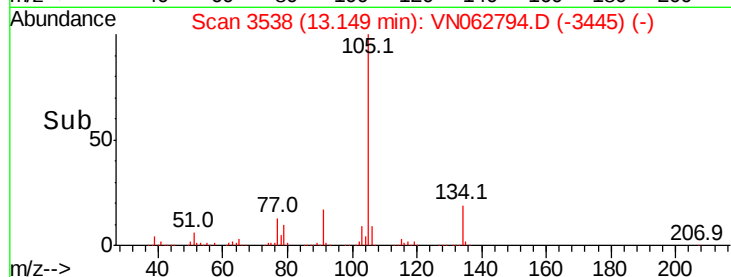
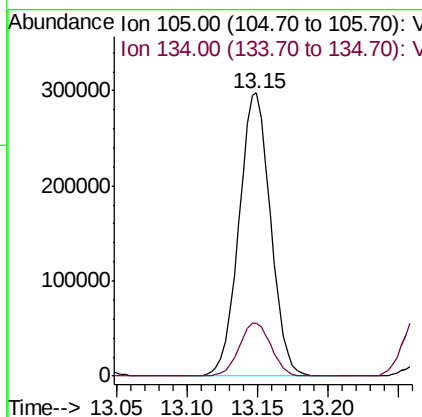
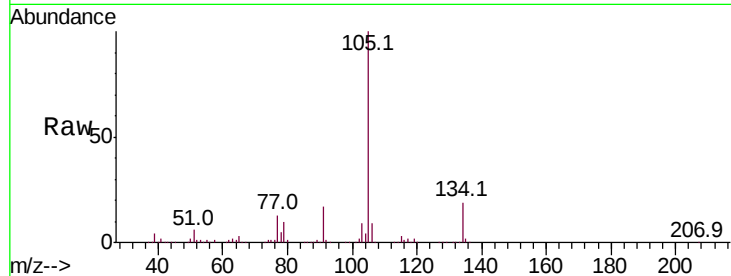




#85
 sec-Butylbenzene
 Concen: 48.945 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

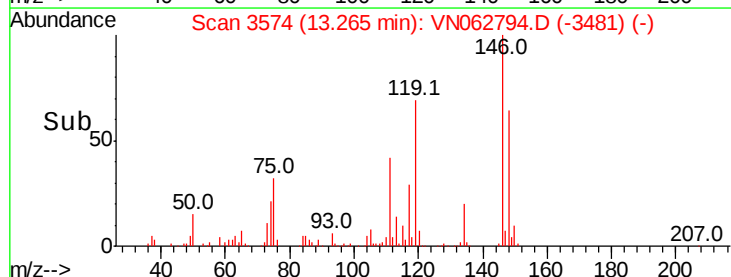
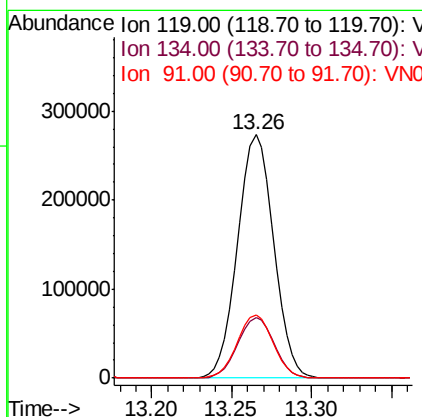
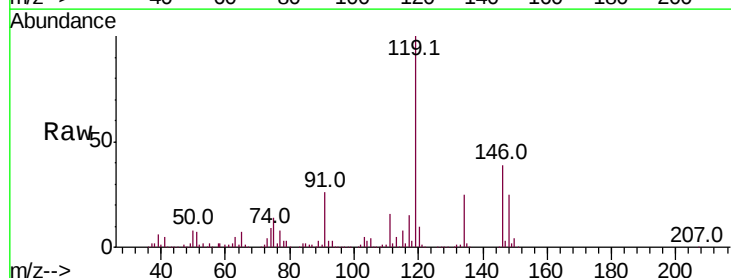
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

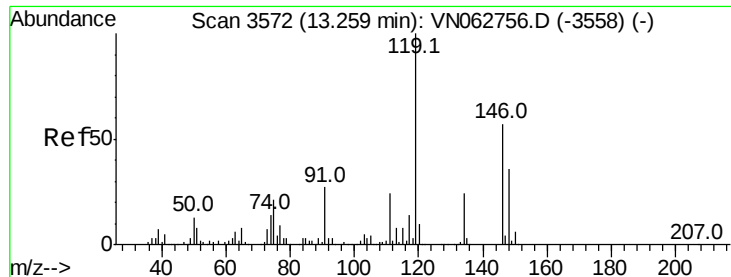
Tot Ion:105 Resp: 466138
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 49.584 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:119 Resp: 419161
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 25.9 13.4 40.2

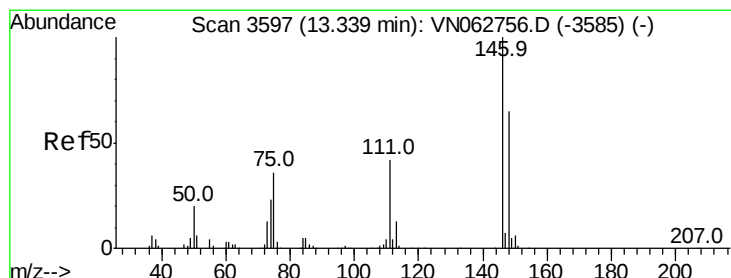
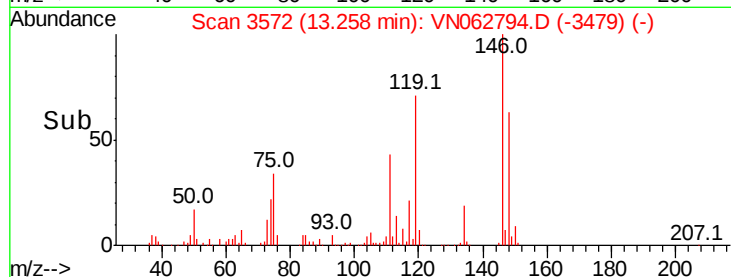
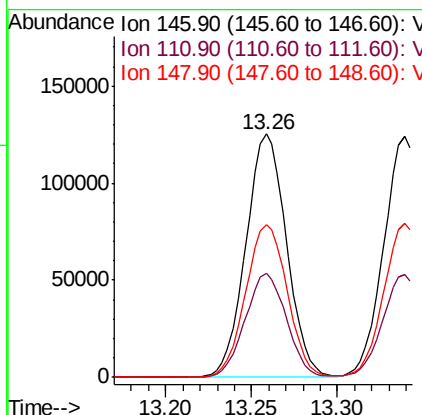
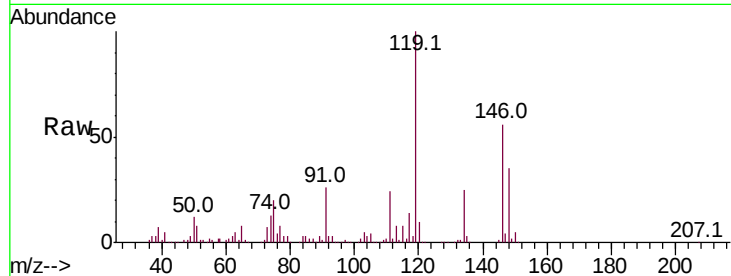




#87
 1,3-Dichlorobenzene
 Concen: 46.903 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

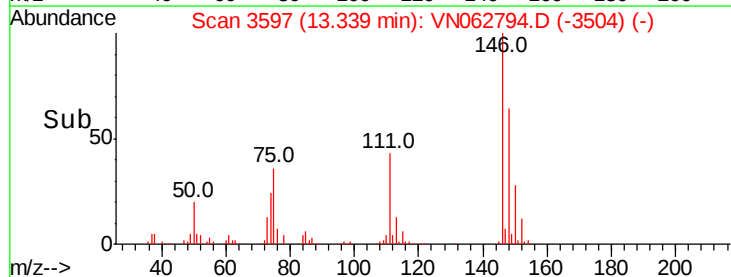
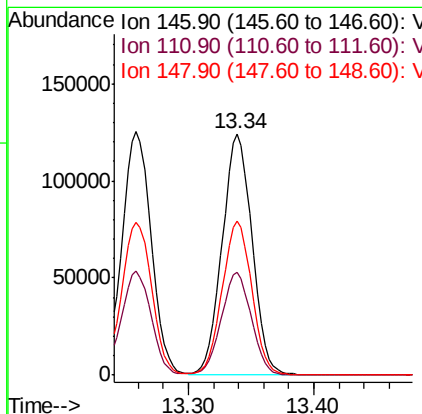
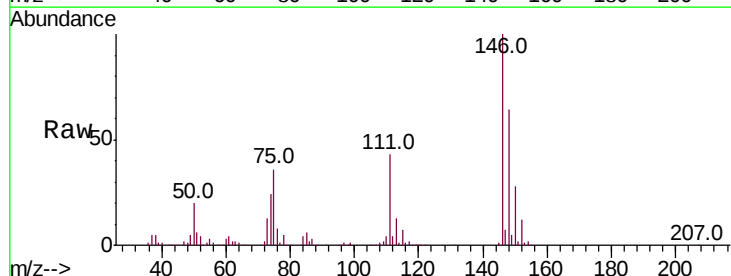
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

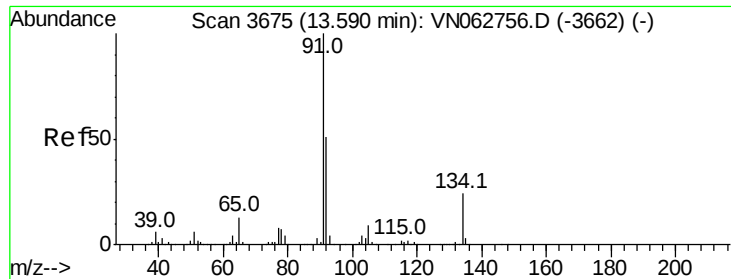
Tot Ion:146 Resp: 205679
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 64.1 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 46.714 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:146 Resp: 205461
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.6 64.6
 148 63.4 32.6 97.8

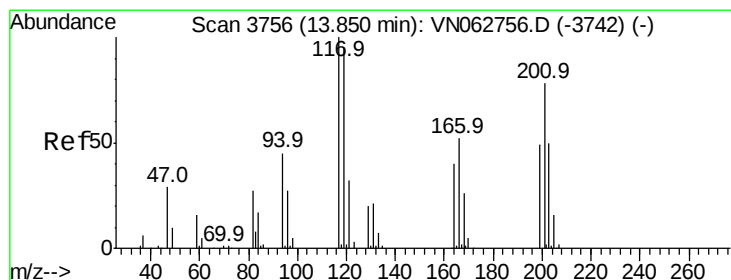
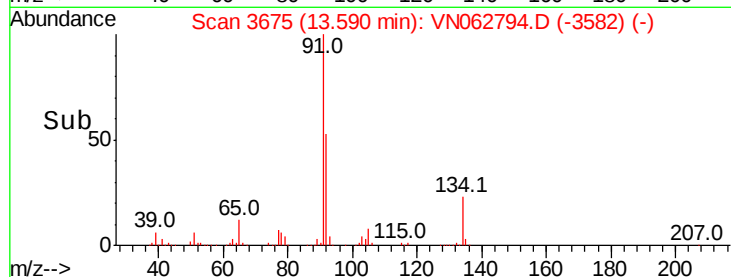
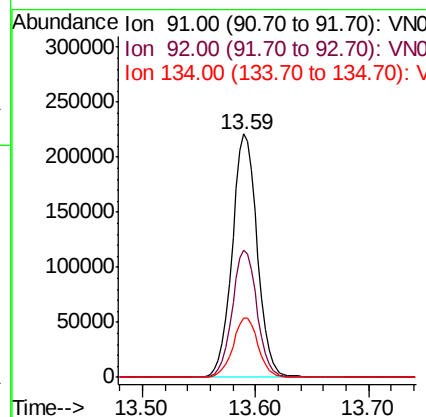
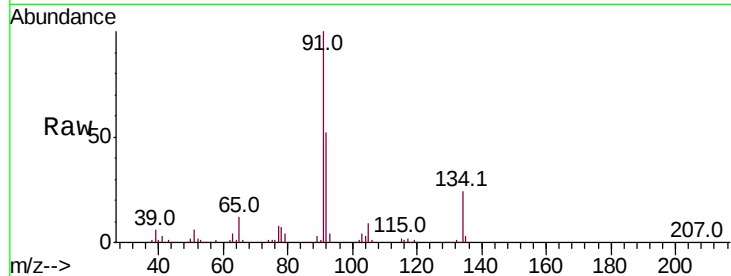




#89
n-Butylbenzene
Concen: 47.692 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

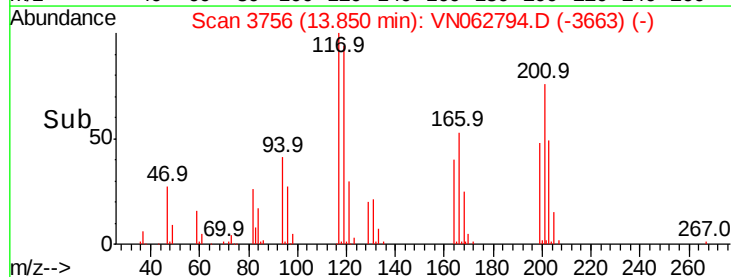
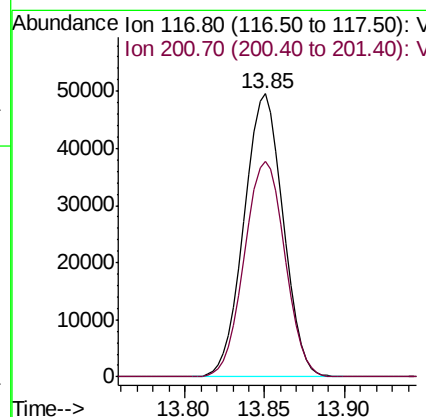
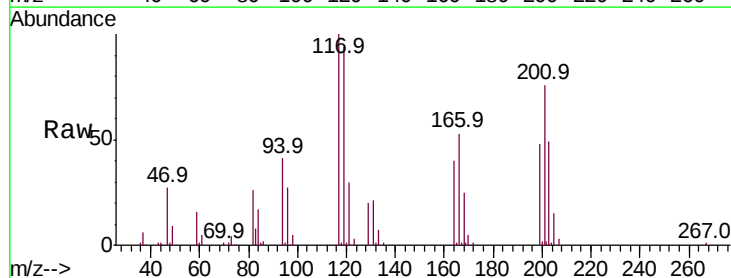
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

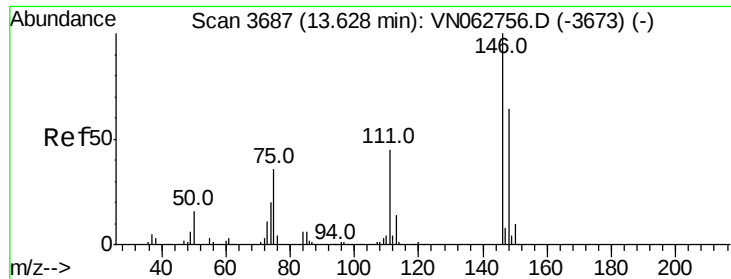
Tot Ion: 91 Resp: 340980
Ion Ratio Lower Upper
91 100
92 51.6 25.7 77.0
134 24.3 12.2 36.6



#90
Hexachloroethane
Concen: 45.347 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 117 Resp: 82630
Ion Ratio Lower Upper
117 100
201 79.0 39.2 117.6

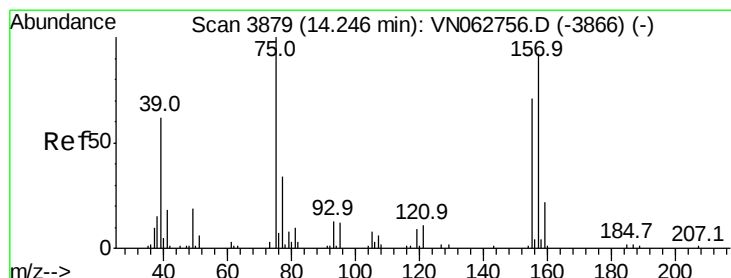
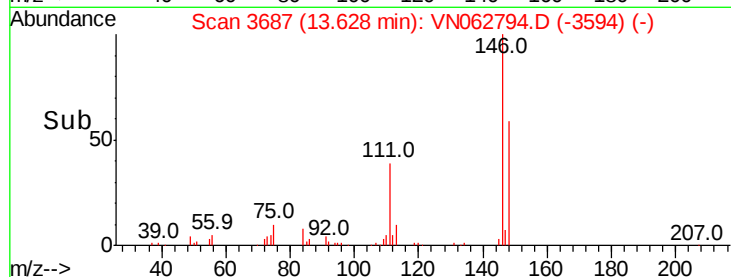
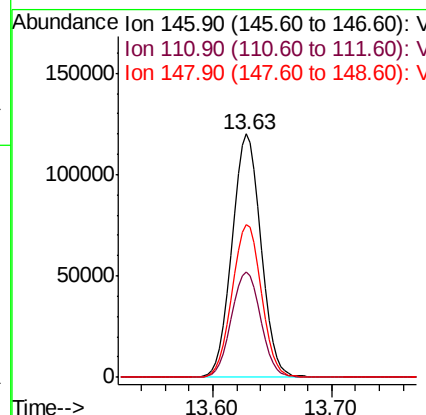
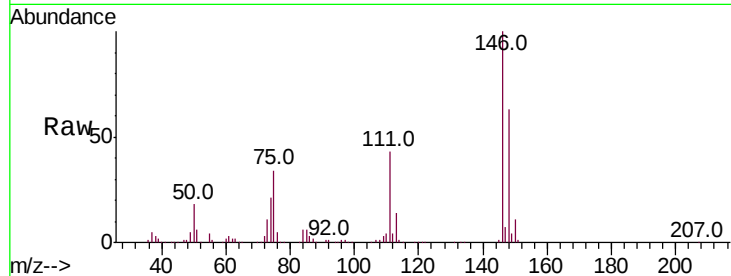




#91
 1,2-Dichlorobenzene
 Concen: 49.324 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

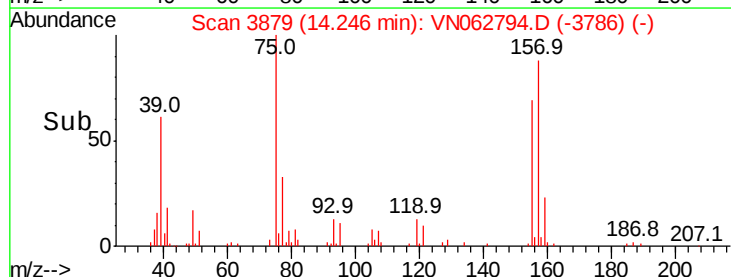
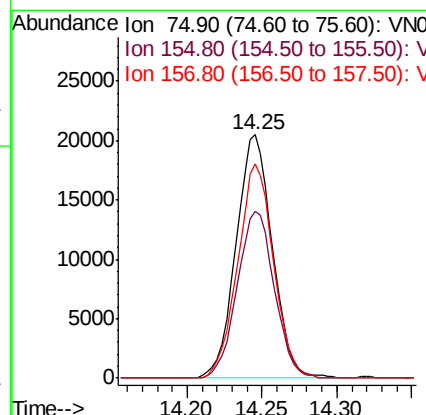
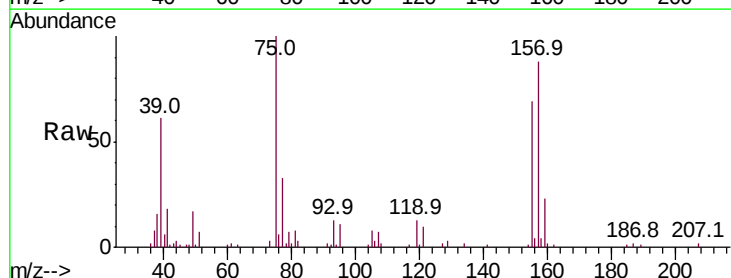
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

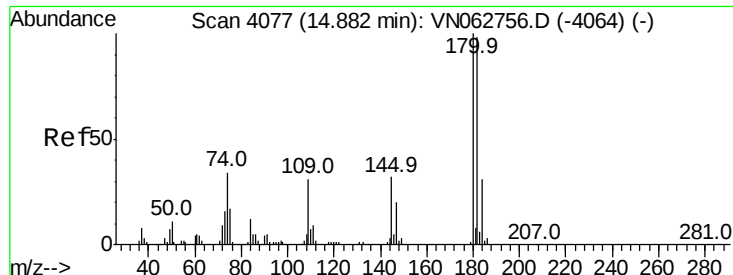
Tot Ion:146 Resp: 202782
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.8 68.4
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.230 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 75 Resp: 34516
 Ion Ratio Lower Upper
 75 100
 155 69.9 35.0 105.1
 157 86.9 43.2 129.6

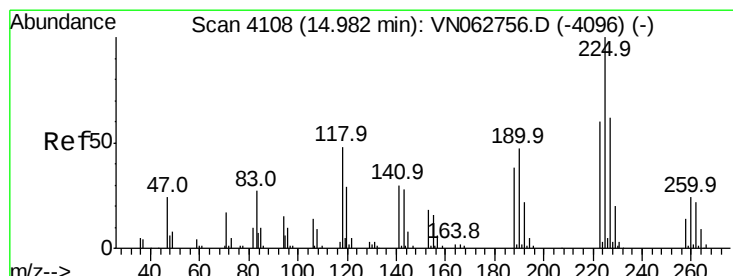
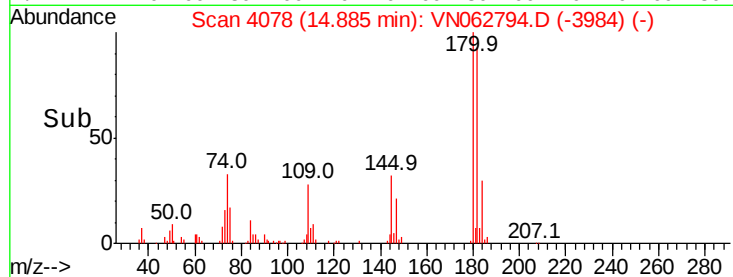
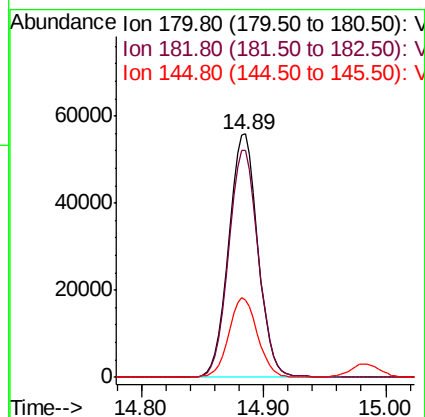
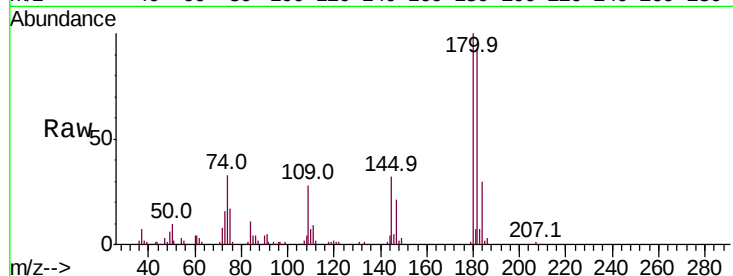




#93
 1,2,4-Trichlorobenzene
 Concen: 42.890 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

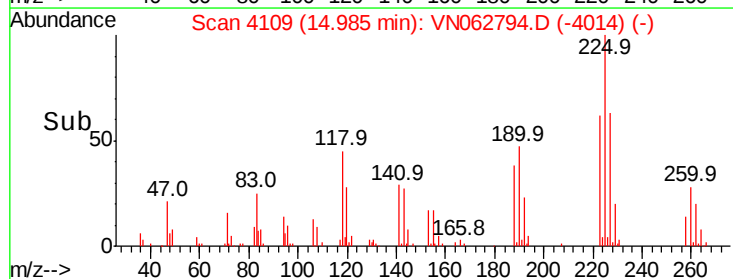
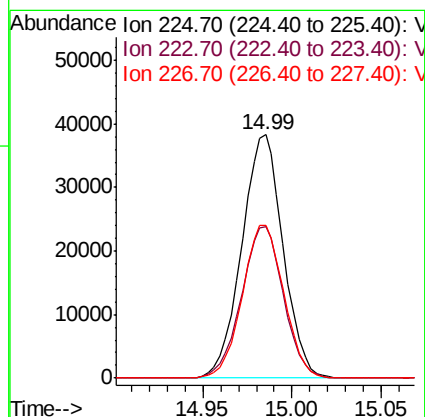
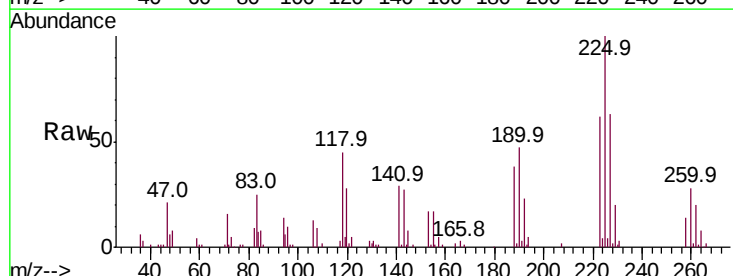
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

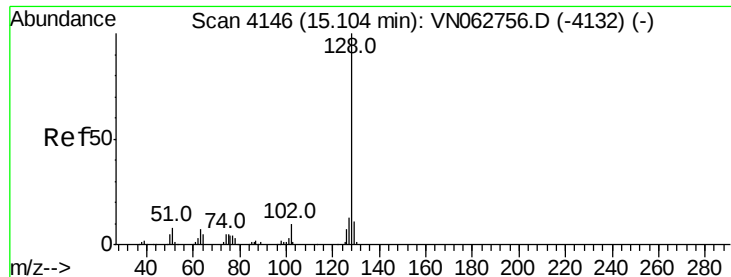
Tot Ion:180 Resp: 93582
 Ion Ratio Lower Upper
 180 100
 182 94.9 49.1 147.4
 145 32.1 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 47.791 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:225 Resp: 61930
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.6 92.0
 227 62.8 31.6 95.0

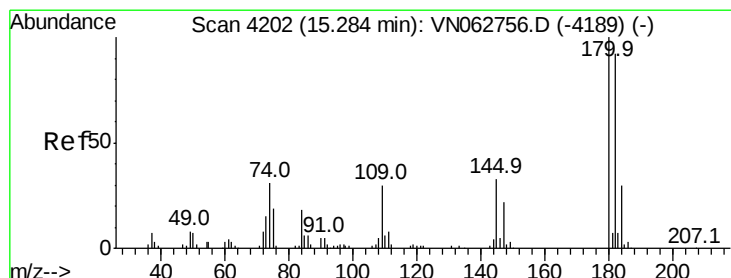
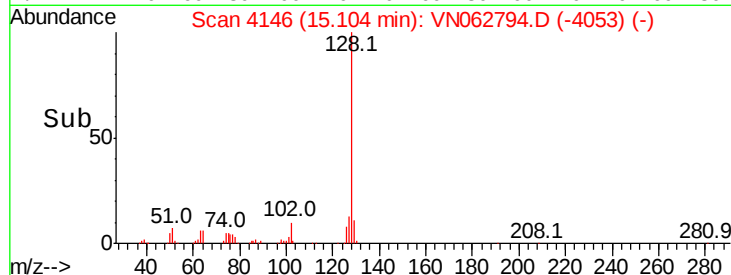
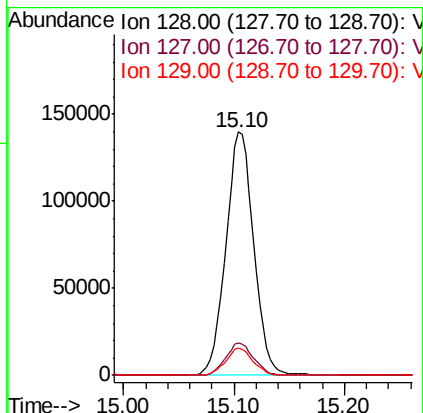
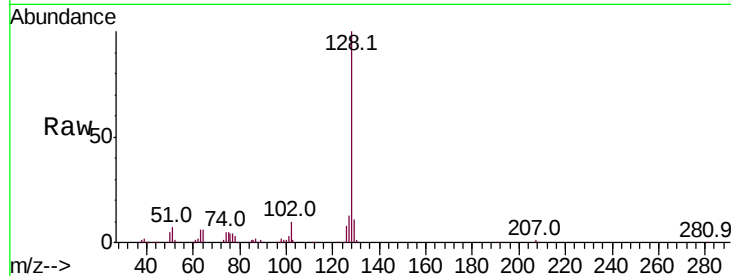




#95
Naphthalene
Concen: 41.294 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 244851
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.238 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion:180 Resp: 95543
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 35.3 17.3 51.7

