

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
 Data File : VN062822.D
 Acq On : 11 Aug 2020 11:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 11 14:49:04 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	7.62	168	166845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	123669	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	7.54	113	86756	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.06	98	335537	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.37	95	127084	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	119021	49.817	ug/l	99
3) Chloromethane	2.03	50	96686	42.885	ug/l	97
4) Vinyl Chloride	2.16	62	100913	47.722	ug/l	95
5) Bromomethane	2.51	94	69082	49.350	ug/l	97
6) Chloroethane	2.65	64	68209	49.031	ug/l	93
7) Trichlorofluoromethane	2.97	101	186229	49.388	ug/l	98
8) Diethyl Ether	3.37	74	50518	46.800	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	79219	52.129	ug/l	98
10) Methyl Iodide	3.90	142	94855	51.901	ug/l	98
11) Tert butyl alcohol	4.74	59	89896	198.793	ug/l	100
12) 1,1-Dichloroethene	3.69	96	68392	48.089	ug/l	97
13) Acrolein	3.56	56	37317	136.294	ug/l	99
14) Allyl chloride	4.27	41	123918	42.422	ug/l	99
15) Acrylonitrile	4.93	53	234497	223.575	ug/l	99
16) Acetone	3.77	43	324303	325.290	ug/l	99
17) Carbon Disulfide	4.00	76	184536	45.663	ug/l	99
18) Methyl Acetate	4.27	43	106324	44.977	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	309826	47.930	ug/l	99
20) Methylene Chloride	4.50	84	84442	46.225	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	76117	45.589	ug/l	98
22) Diisopropyl ether	5.90	45	290618	46.735	ug/l	99
23) Vinyl Acetate	5.84	43	1004607	212.397	ug/l	98
24) 1,1-Dichloroethane	5.79	63	160391	44.013	ug/l	99
25) 2-Butanone	6.78	43	356865	252.736	ug/l	99
26) 2,2-Dichloropropane	6.77	77	160594	47.808	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	93119	46.492	ug/l	98
28) Bromochloromethane	7.15	49	75692	43.037	ug/l	96
29) Tetrahydrofuran	7.16	42	194281	211.788	ug/l	96
30) Chloroform	7.33	83	180331	46.564	ug/l	98
31) Cyclohexane	7.61	56	153277	45.821	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	159339	46.018	ug/l	98
36) 1,1-Dichloropropene	7.75	75	122072	49.788	ug/l	98
37) Ethyl Acetate	6.88	43	112011	43.734	ug/l	99
38) Carbon Tetrachloride	7.73	117	143080	49.342	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155375	52.658	ug/l	96
40) Benzene	8.00	78	351163	47.997	ug/l	98
41) Methacrylonitrile	7.12	41	52815	45.699	ug/l #	79
42) 1,2-Dichloroethane	8.08	62	148940	47.830	ug/l	99
43) Isopropyl Acetate	8.12	43	193475	45.290	ug/l	98
44) Trichloroethene	8.80	130	86758	48.672	ug/l	98
45) 1,2-Dichloropropane	9.08	63	100539	50.773	ug/l	99
46) Dibromomethane	9.17	93	64099	49.405	ug/l	98
47) Bromodichloromethane	9.37	83	148111	50.828	ug/l	97
48) Methyl methacrylate	9.17	41	96020	45.697	ug/l	97
49) 1,4-Dioxane	9.17	88	36235	930.668	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	642468	232.440	ug/l	100
52) Toluene	10.12	92	227470	50.356	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	163488	51.006	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	165497	51.426	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	94585	49.026	ug/l	97
56) Ethyl methacrylate	10.40	69	150733	51.906	ug/l	97
57) 1,3-Dichloropropane	10.68	76	162649	49.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	213920	260.610	ug/l	98
59) 2-Hexanone	10.72	43	521811	253.086	ug/l	98
60) Dibromochloromethane	10.87	129	112680	51.180	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93992	49.372	ug/l	98
64) Tetrachloroethene	10.60	164	74677	48.388	ug/l	98
65) Chlorobenzene	11.40	112	249060	49.811	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	100590	50.097	ug/l	99
67) Ethyl Benzene	11.48	91	466417	52.128	ug/l	98
68) m/p-Xylenes	11.60	106	346310	106.624	ug/l	98
69) o-Xylene	11.92	106	165644	54.420	ug/l	97
70) Styrene	11.94	104	293617	54.879	ug/l	98
71) Bromoform	12.10	173	80980	49.292	ug/l #	99
73) Isopropylbenzene	12.22	105	471492	51.330	ug/l	100
74) N-amyl acetate	12.05	43	180219	48.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143715	44.445	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	200179	60.848	ug/l #	100
77) Bromobenzene	12.50	156	110434	48.387	ug/l	96
78) n-propylbenzene	12.57	91	556063	51.571	ug/l	99
79) 2-Chlorotoluene	12.65	91	333980	49.394	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	423212	53.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	50429	46.794	ug/l	96
82) 4-Chlorotoluene	12.75	91	353976	50.801	ug/l	100
83) tert-Butylbenzene	12.97	119	348691	51.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	414384	54.355	ug/l	99
85) sec-Butylbenzene	13.15	105	461088	52.072	ug/l	100
86) p-Isopropyltoluene	13.26	119	427290	54.363	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205441	50.387	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	204459	49.997	ug/l	99
89) n-Butylbenzene	13.59	91	346427	52.114	ug/l	99
90) Hexachloroethane	13.85	117	79518	46.935	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	196170	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	32135	46.291	ug/l	98

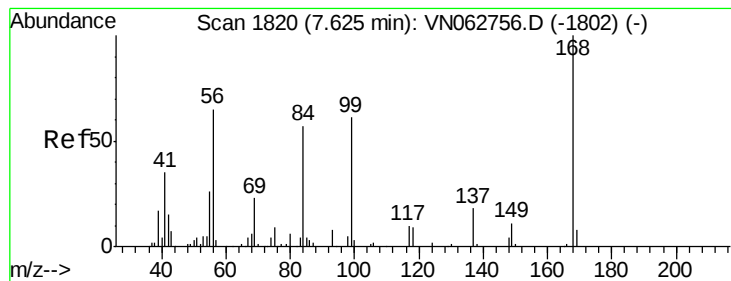
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	97229	47.537	ug/l	97
94) Hexachlorobutadiene	14.98	225	62738	52.214	ug/l	98
95) Naphthalene	15.10	128	241622	43.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	96490	47.814	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

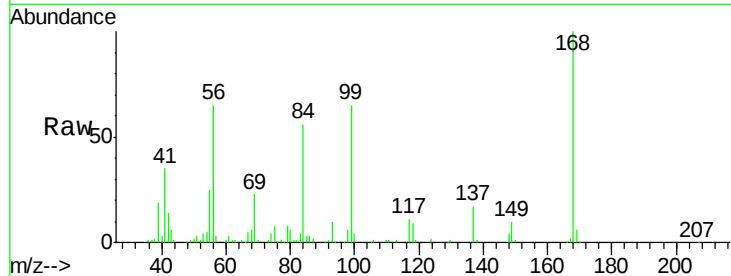
VSTDCCC050

Tgt Ion:168 Resp: 166845

Ion Ratio Lower Upper

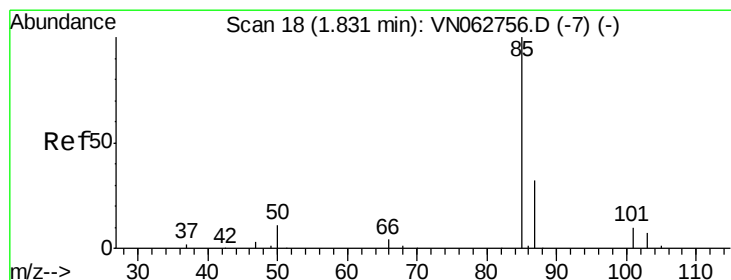
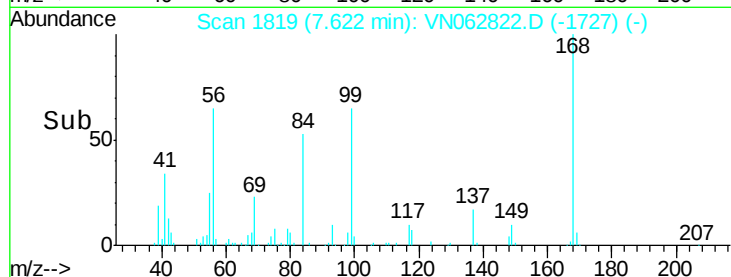
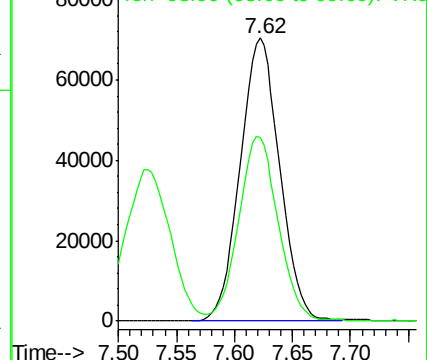
168 100

99 64.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.817 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062822.D

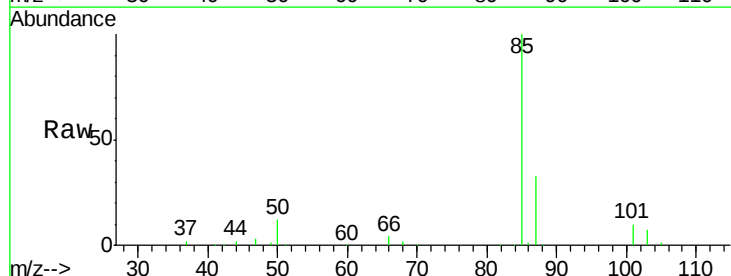
Acq: 11 Aug 2020 11:38

Tgt Ion: 85 Resp: 119021

Ion Ratio Lower Upper

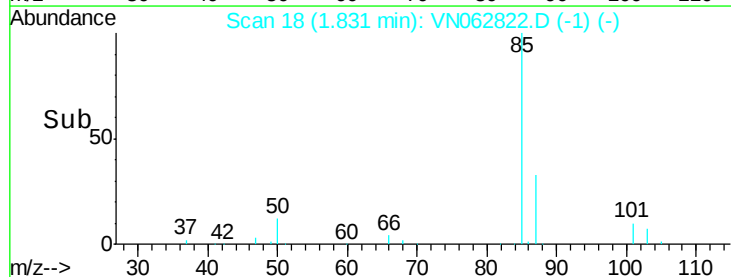
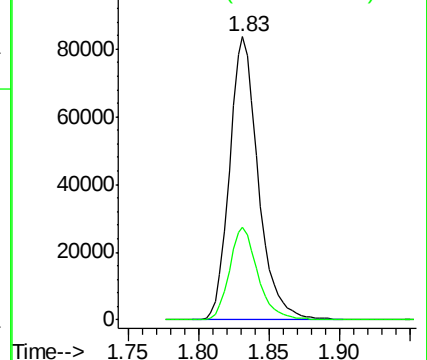
85 100

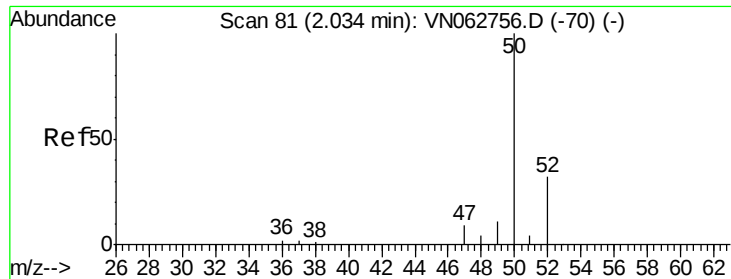
87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

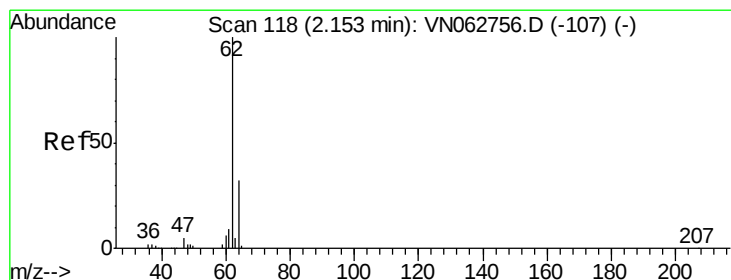
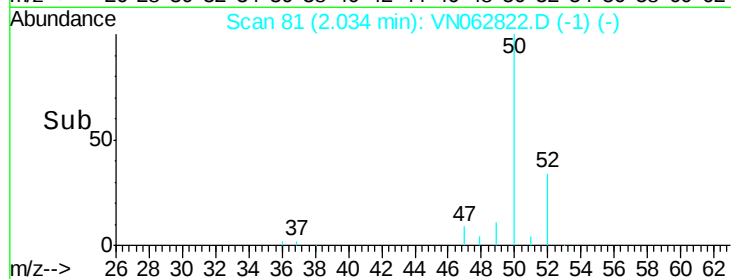
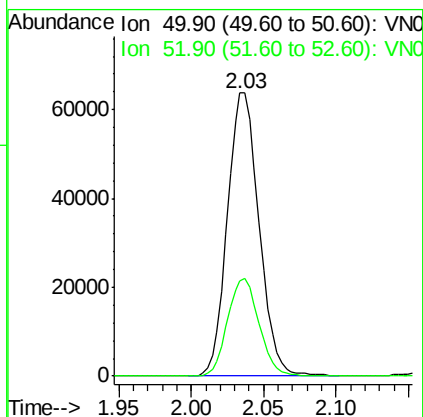
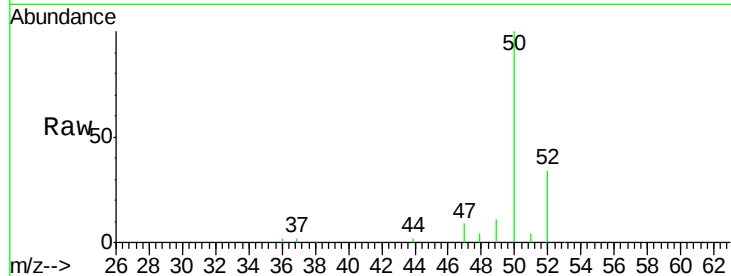




#3
Chloromethane
Concen: 42.885 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

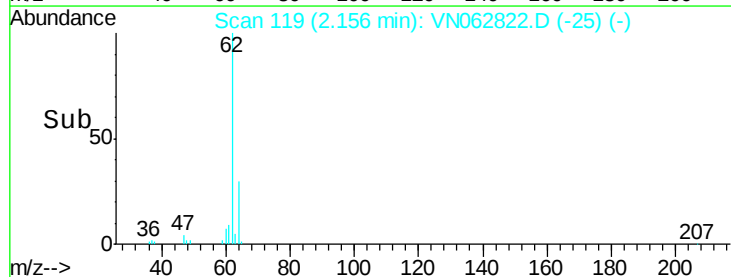
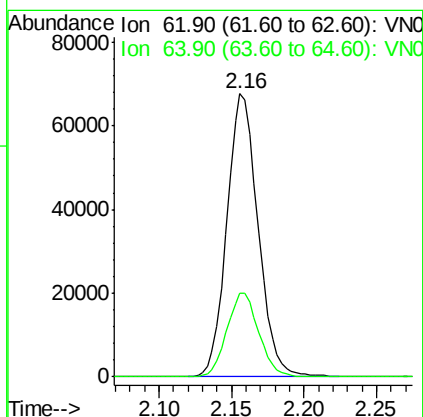
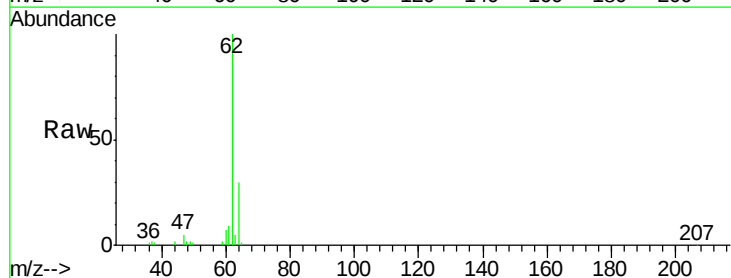
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

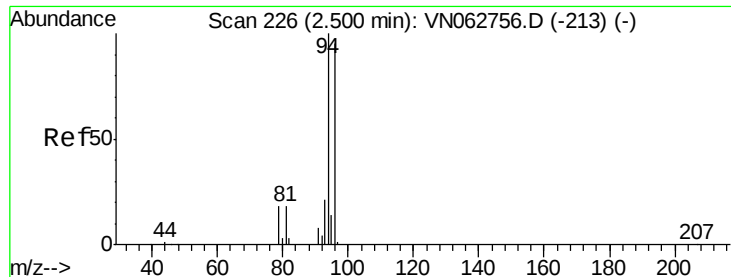
Tgt Ion: 50 Resp: 96686
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 47.722 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 62 Resp: 100913
Ion Ratio Lower Upper
62 100
64 29.6 25.8 38.8





#5

Bromomethane

Concen: 49.350 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

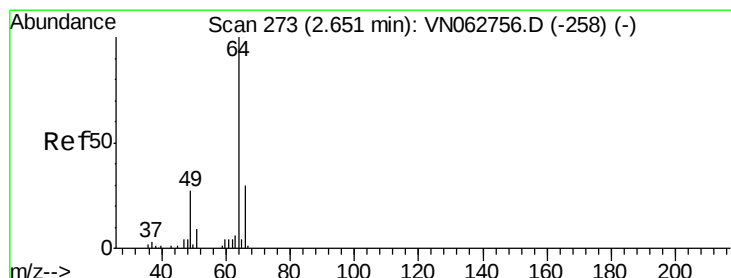
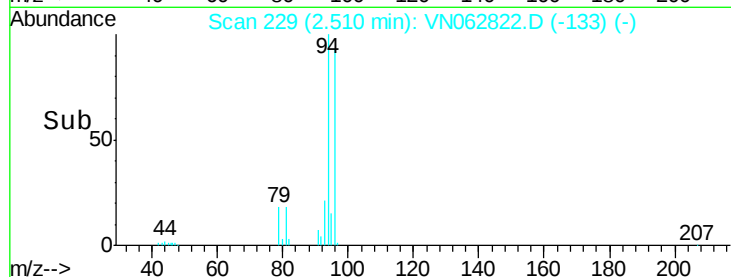
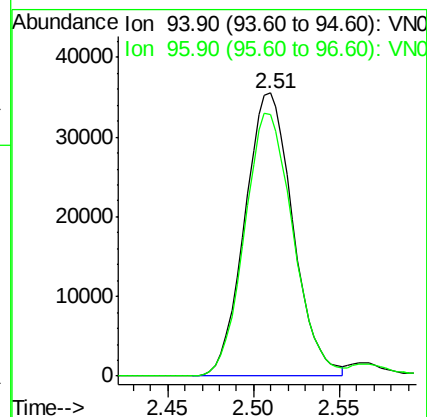
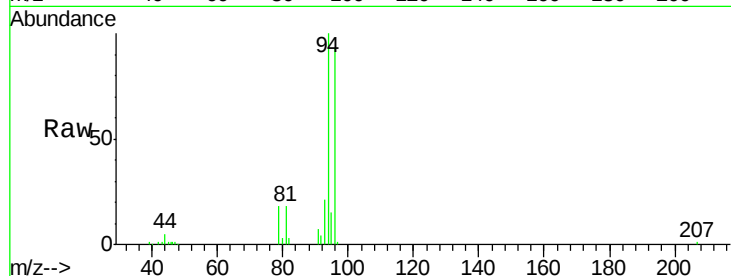
VSTDCCC050

Tgt Ion: 94 Resp: 69082

Ion Ratio Lower Upper

94 100

96 92.5 76.2 114.4



#6

Chloroethane

Concen: 49.031 ug/l

RT: 2.65 min Scan# 274

Delta R.T. 0.00 min

Lab File: VN062822.D

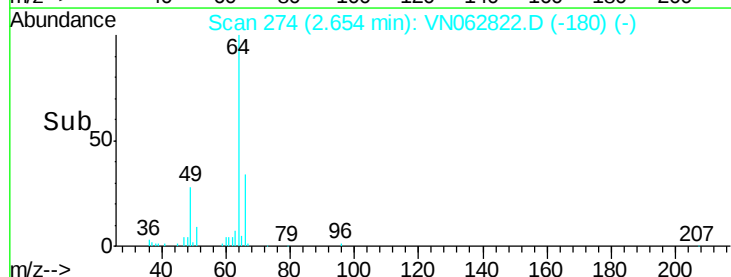
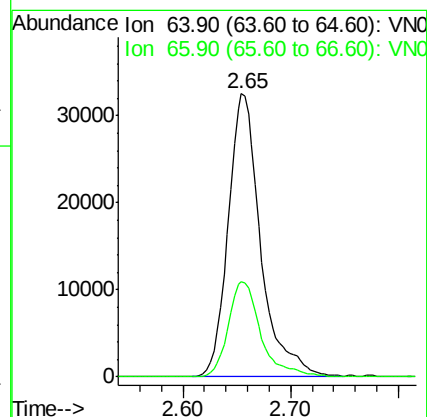
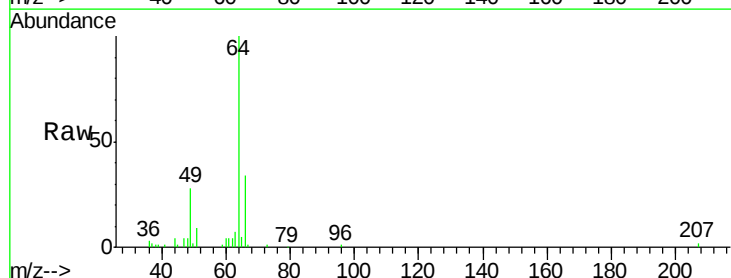
Acq: 11 Aug 2020 11:38

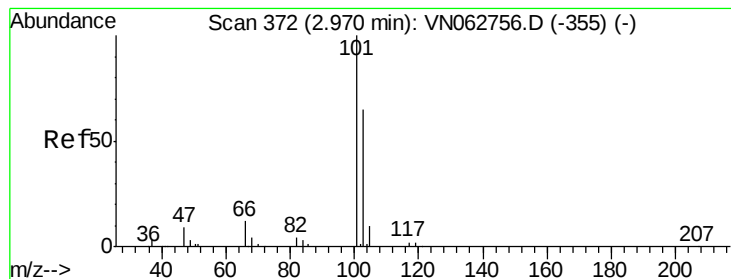
Tgt Ion: 64 Resp: 68209

Ion Ratio Lower Upper

64 100

66 33.6 24.0 36.0



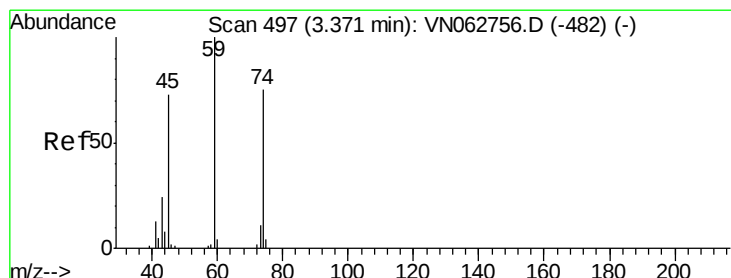
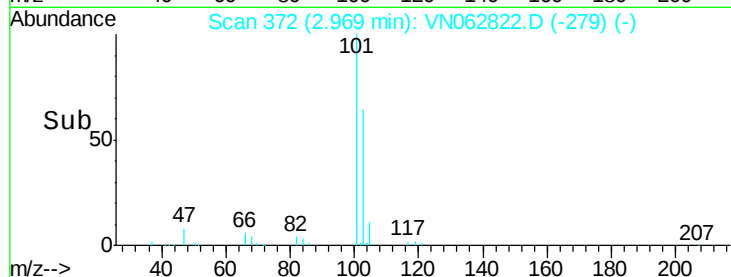
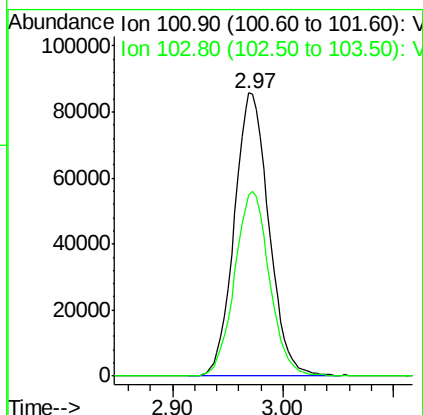
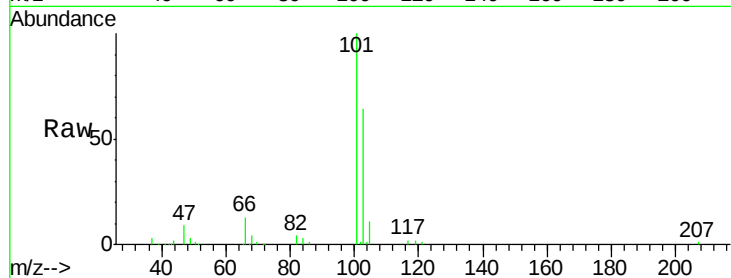


#7

Trichlorofluoromethane
 Concen: 49.388 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Instrument :
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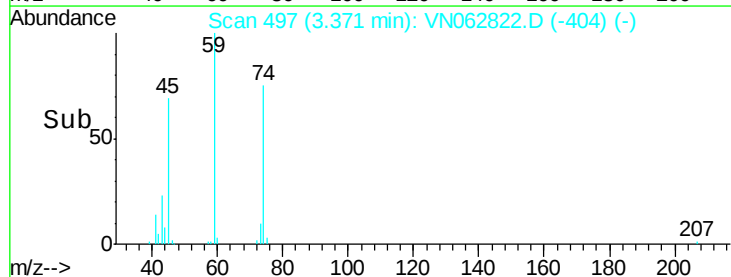
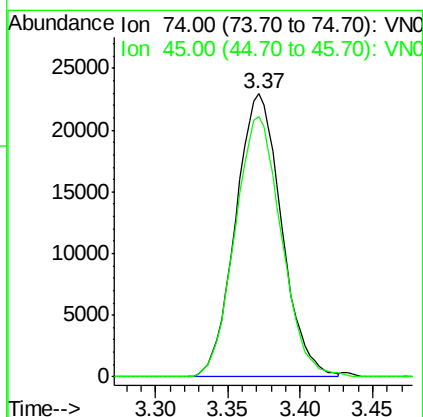
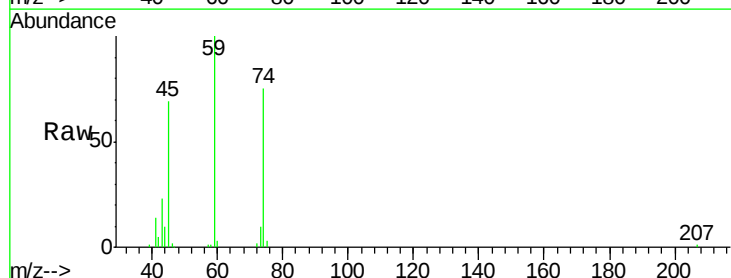
Tgt Ion:101 Resp: 186229
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

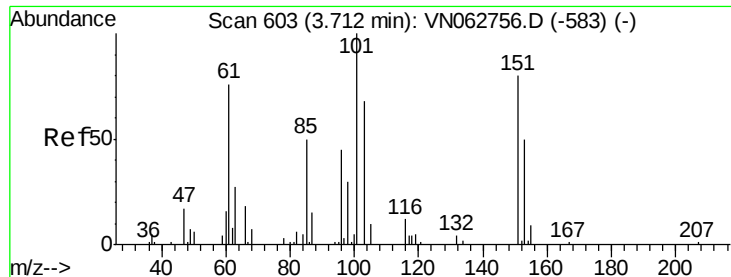


#8

Diethyl Ether
 Concen: 46.800 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 74 Resp: 50518
 Ion Ratio Lower Upper
 74 100
 45 92.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.129 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

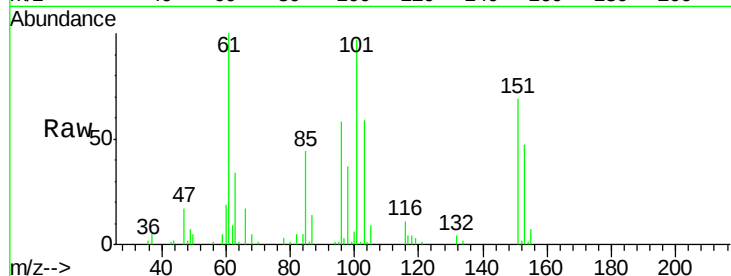
Tgt Ion:101 Resp: 79219

Ion Ratio Lower Upper

101 100

85 46.2 38.5 57.7

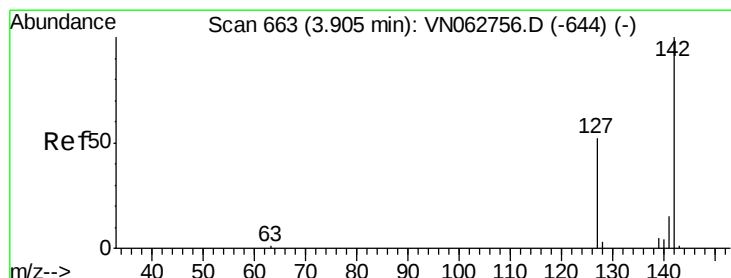
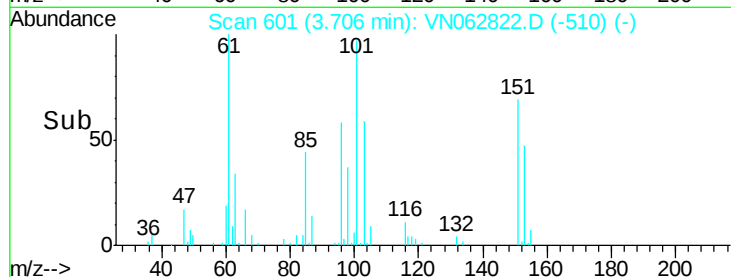
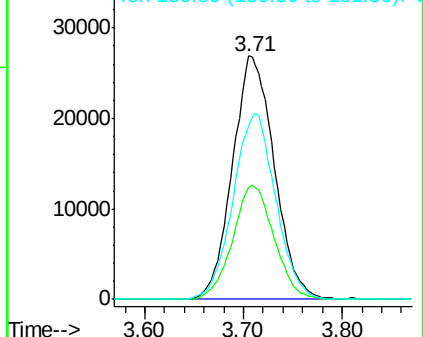
151 77.4 63.0 94.6



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: 51.901 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

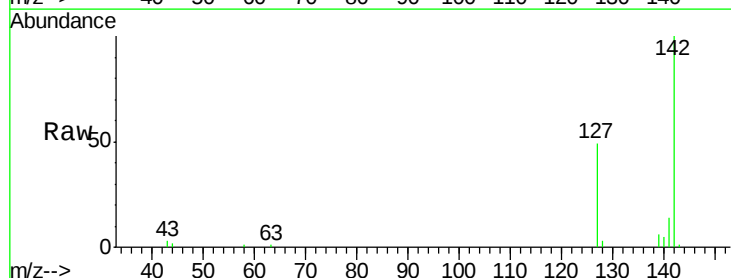
Tgt Ion:142 Resp: 94855

Ion Ratio Lower Upper

142 100

127 50.3 41.4 62.0

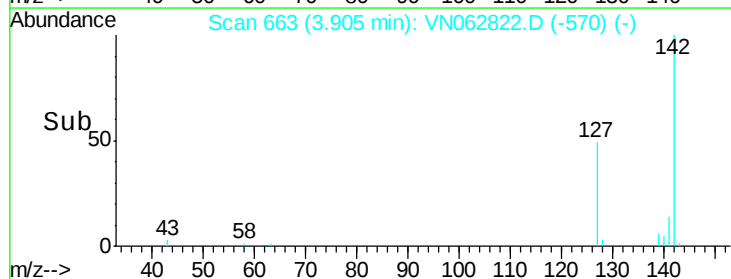
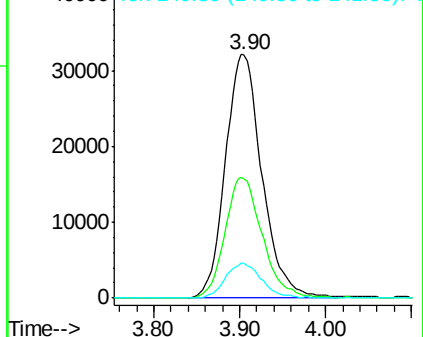
141 14.2 12.2 18.4

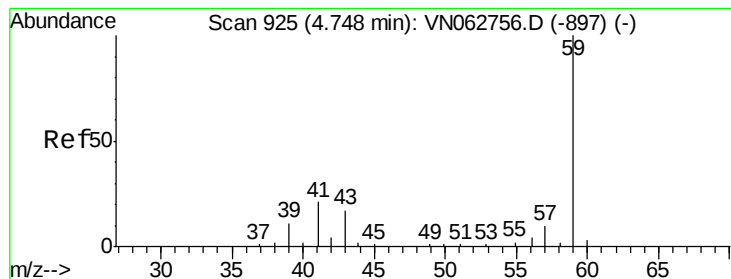


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



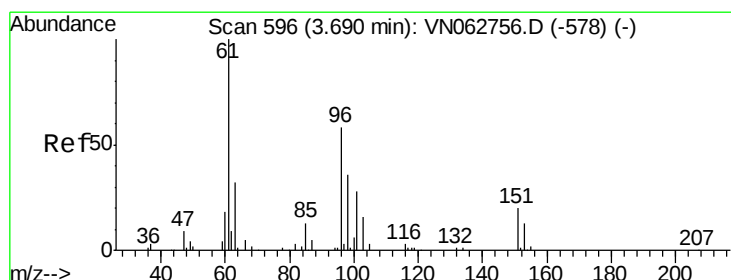
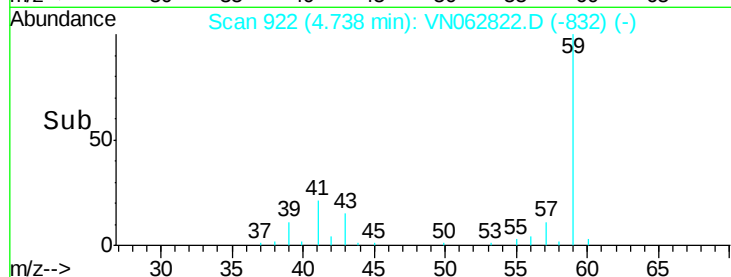
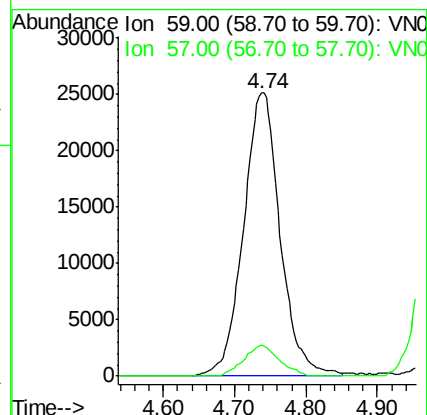
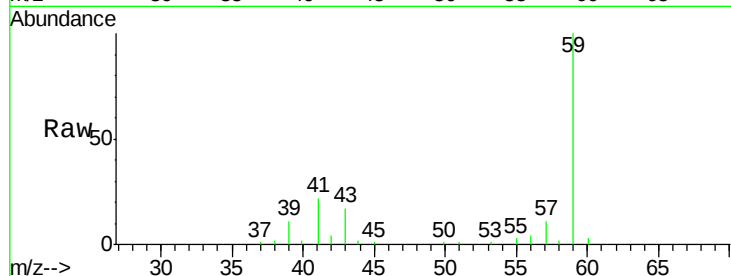


#11

Tert butyl alcohol
 Concen: 198.793 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

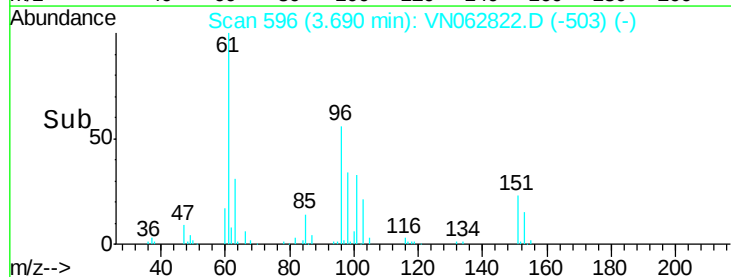
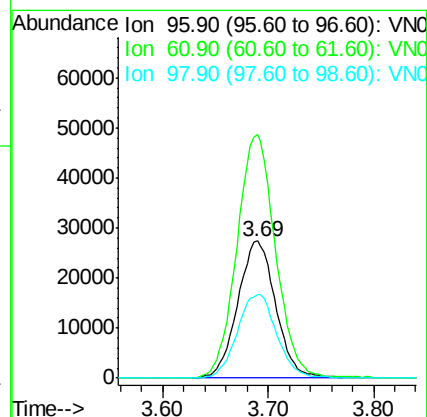
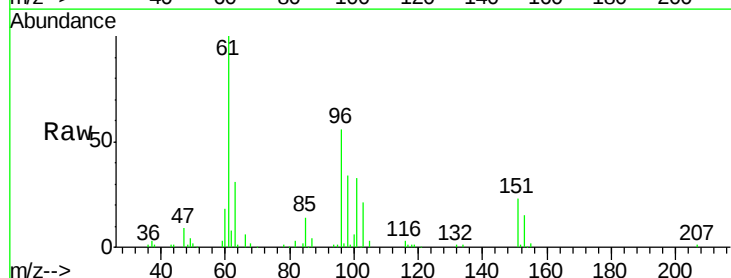
Tgt Ion: 59 Resp: 89896
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

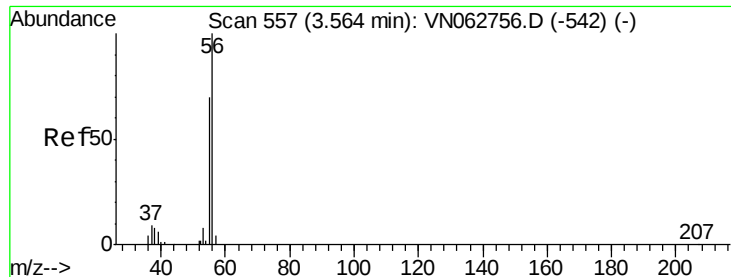


#12

1,1-Dichloroethene
 Concen: 48.089 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 96 Resp: 68392
 Ion Ratio Lower Upper
 96 100
 61 178.1 139.0 208.6
 98 60.9 50.2 75.4





#13

Acrolein

Concen: 136.294 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

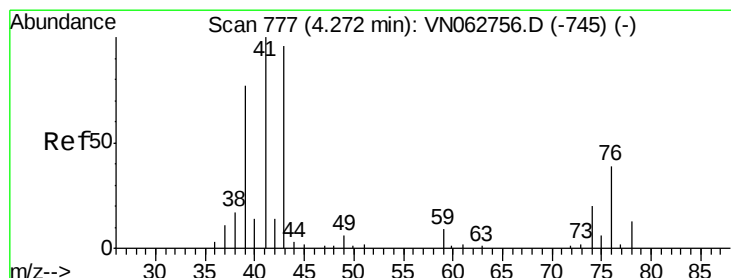
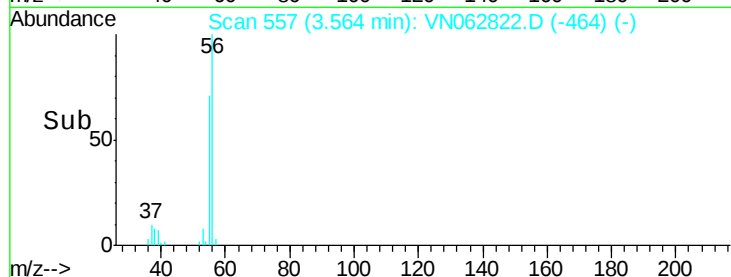
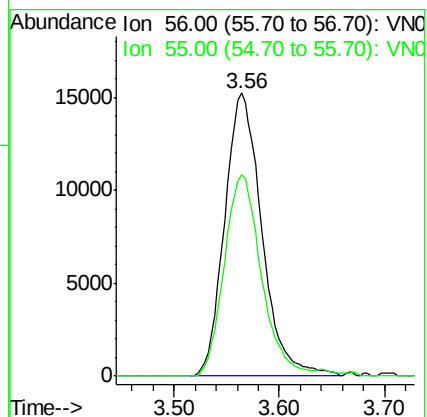
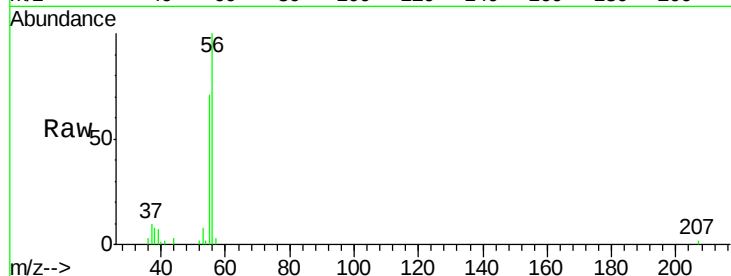
VSTDCCC050

Tgt Ion: 56 Resp: 37317

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.6



#14

Allyl chloride

Concen: 42.422 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

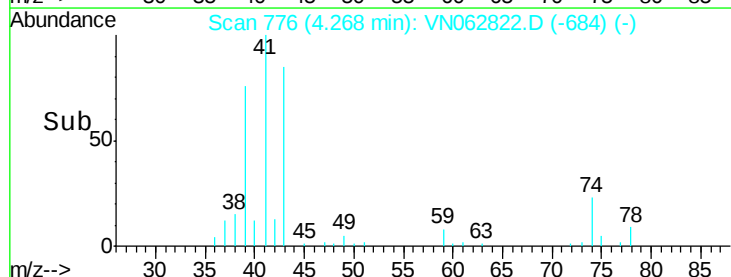
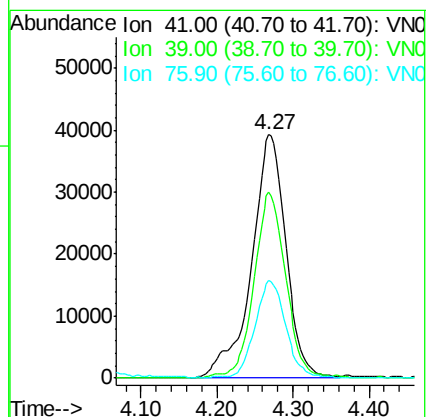
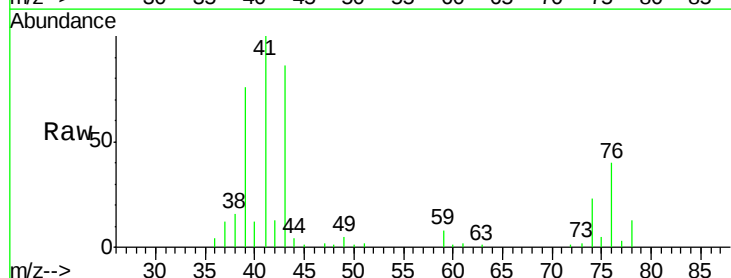
Tgt Ion: 41 Resp: 123918

Ion Ratio Lower Upper

41 100

39 70.1 55.7 83.5

76 35.7 27.5 41.3





#15

Acrylonitrile

Concen: 223.575 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

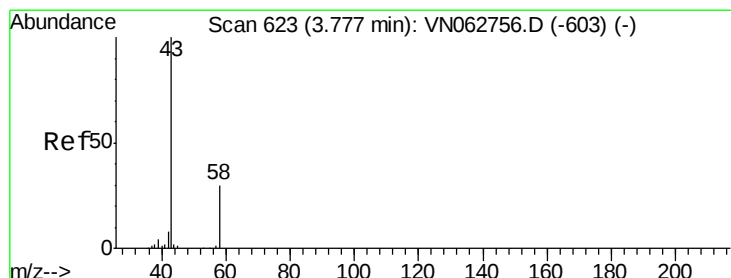
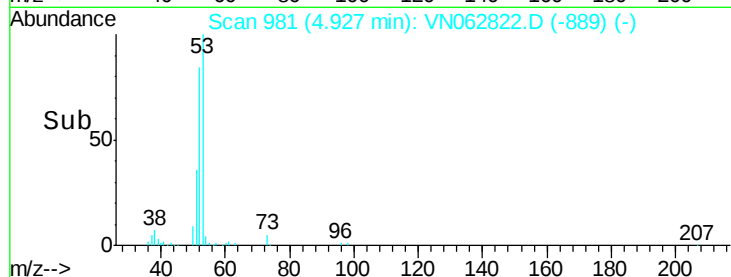
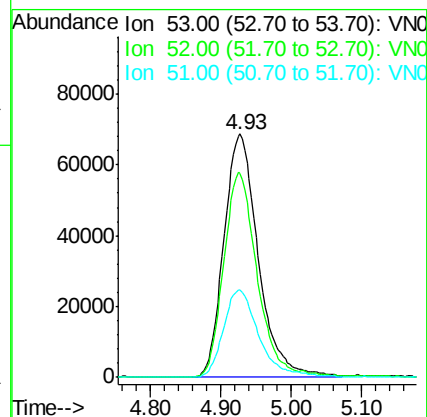
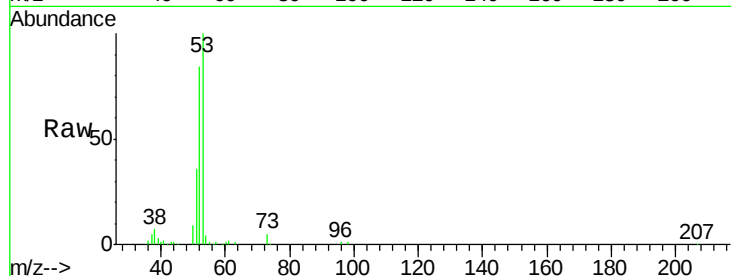
Tgt Ion: 53 Resp: 234497

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 36.9 29.5 44.3



#16

Acetone

Concen: 325.290 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062822.D

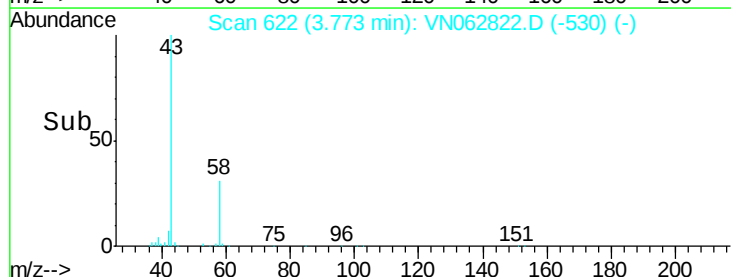
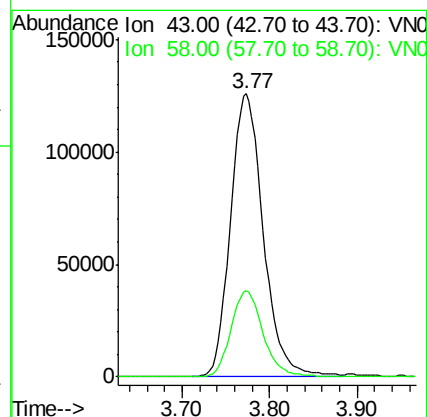
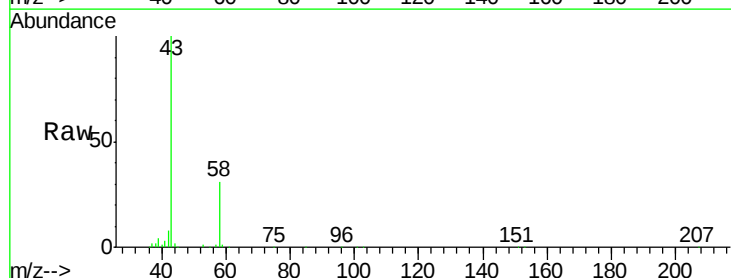
Acq: 11 Aug 2020 11:38

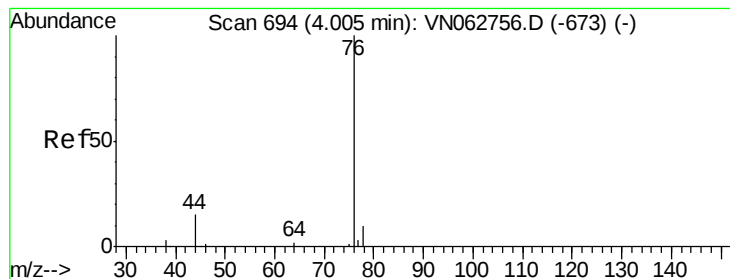
Tgt Ion: 43 Resp: 324303

Ion Ratio Lower Upper

43 100

58 30.8 24.1 36.1





#17

Carbon Disulfide

Concen: 45.663 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

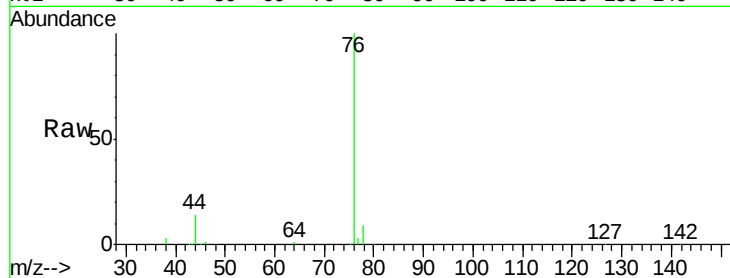
VSTDCCC050

Tgt Ion: 76 Resp: 184536

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN062822.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062822.D (-600) (-)

4.00

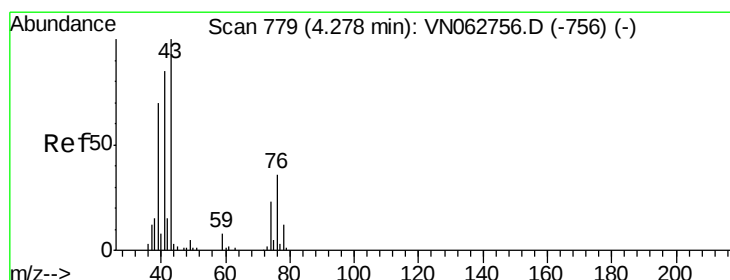
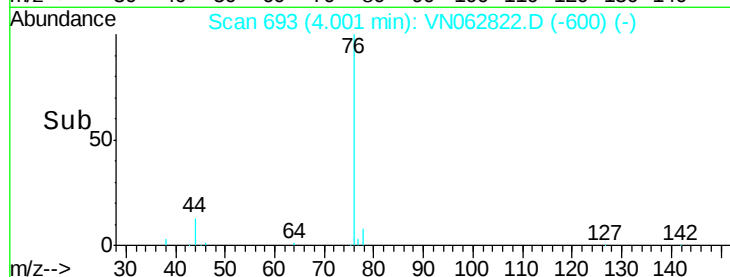
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 44.977 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062822.D

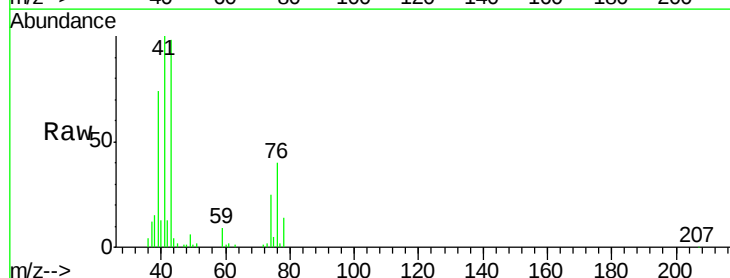
Acq: 11 Aug 2020 11:38

Tgt Ion: 43 Resp: 106324

Ion Ratio Lower Upper

43 100

74 25.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062822.D (-686) (-)

Ion 74.00 (73.70 to 74.70): VN062822.D (-686) (-)

4.27

40000

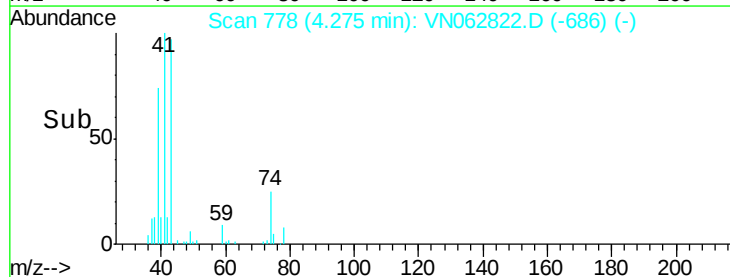
30000

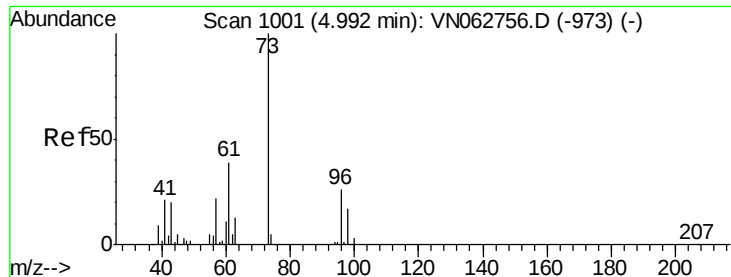
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 47.930 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

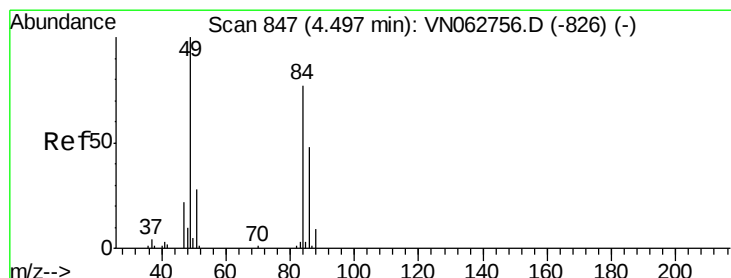
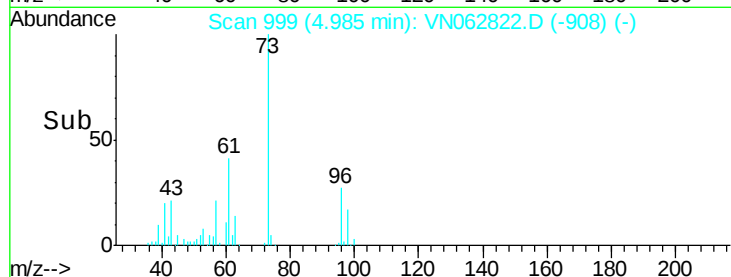
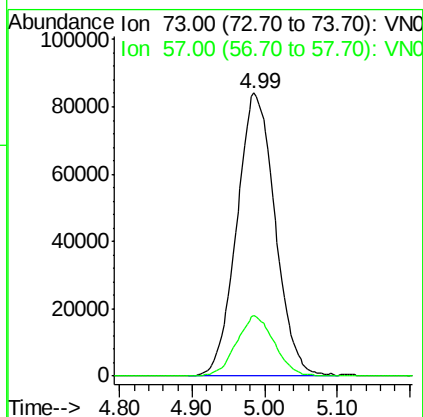
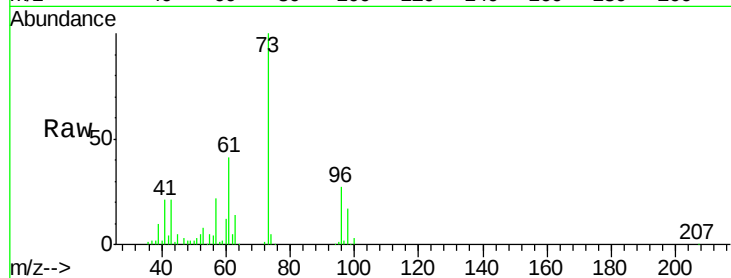
VSTDCCC050

Tgt Ion: 73 Resp: 309826

Ion Ratio Lower Upper

73 100

57 21.5 17.5 26.3



#20

Methylene Chloride

Concen: 46.225 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Tgt Ion: 84 Resp: 84442

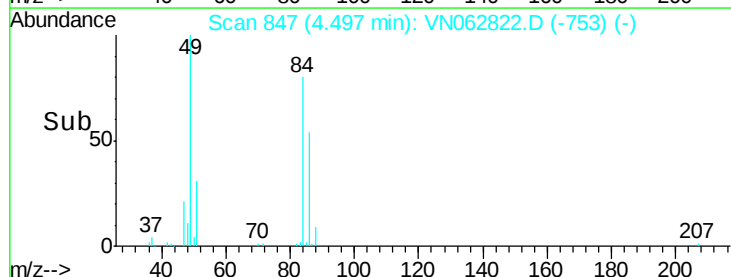
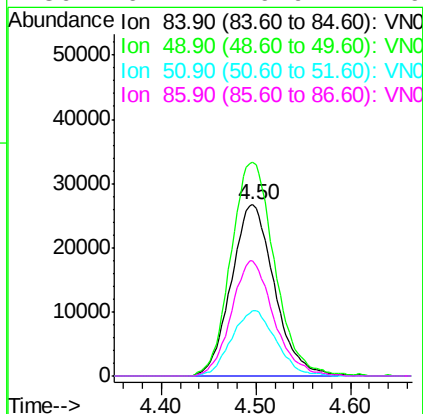
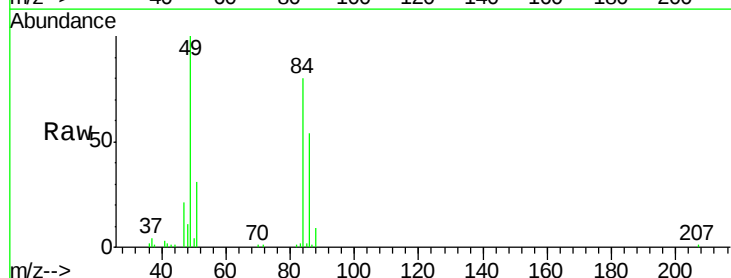
Ion Ratio Lower Upper

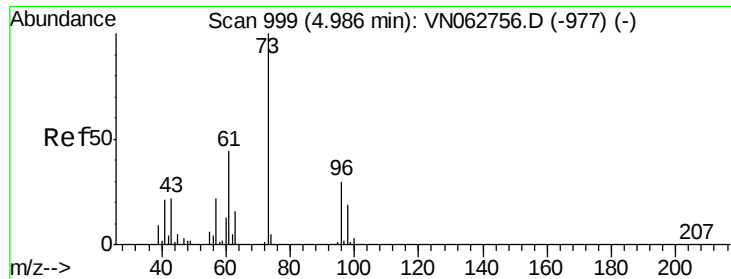
84 100

49 124.9 103.4 155.2

51 38.3 29.3 43.9

86 67.2 49.9 74.9

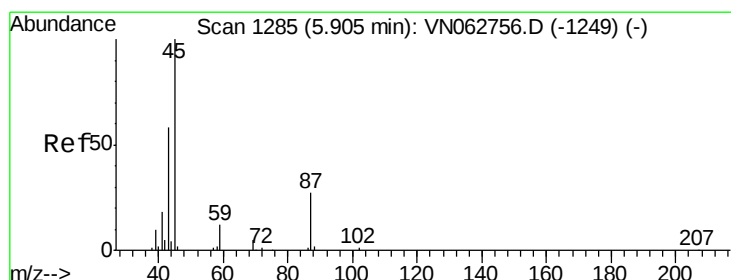
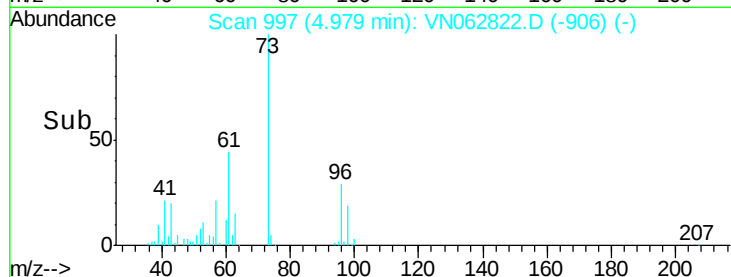
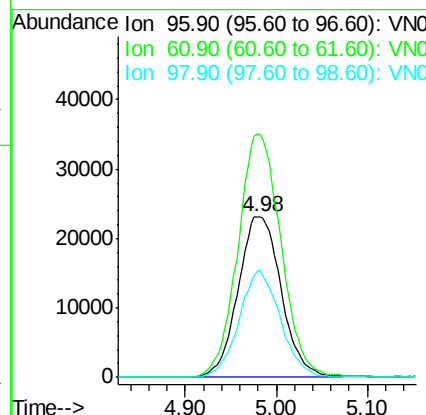
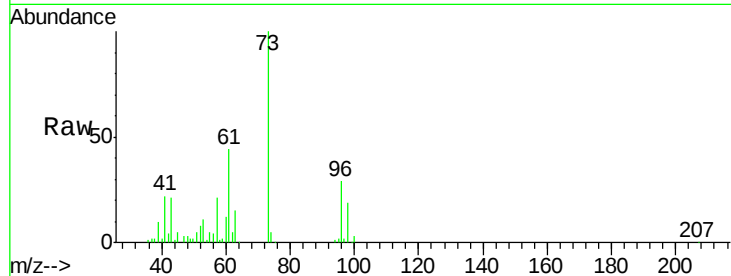




#21
trans-1,2-Dichloroethene
Concen: 45.589 ug/l
RT: 4.98 min Scan# 997
Delta R.T. -0.01 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

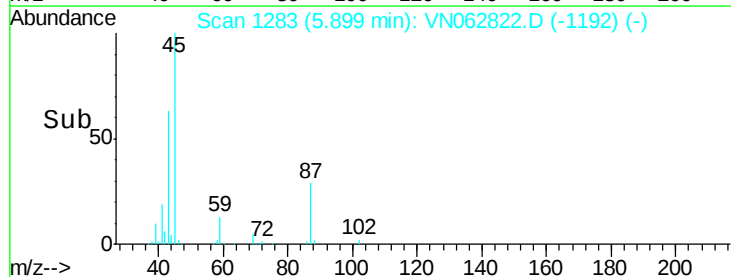
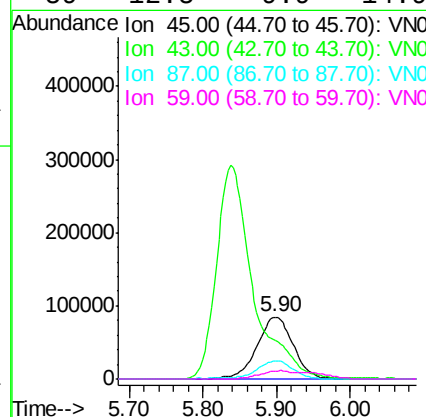
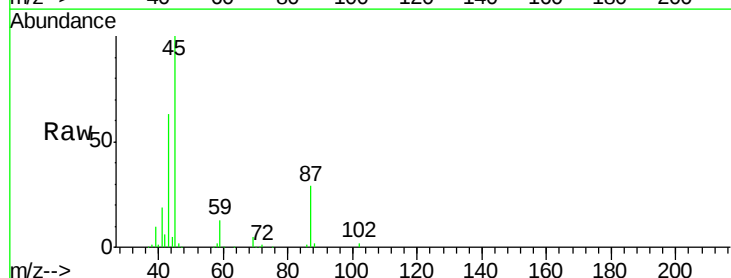
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

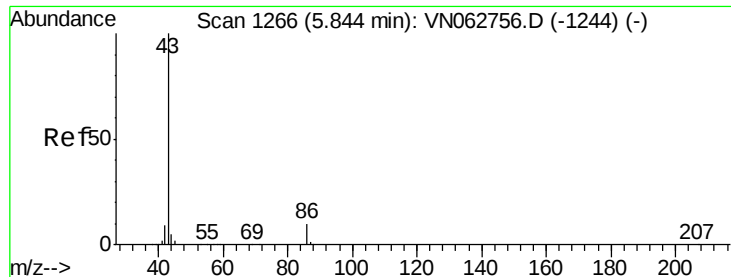
Tgt Ion: 96 Resp: 76117
Ion Ratio Lower Upper
96 100
61 151.2 118.8 178.2
98 66.3 51.0 76.4



#22
Diisopropyl ether
Concen: 46.735 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 45 Resp: 290618
Ion Ratio Lower Upper
45 100
43 60.5 47.4 71.2
87 29.2 22.8 34.2
59 12.5 9.9 14.9





#23

Vinyl Acetate

Concen: 212.397 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

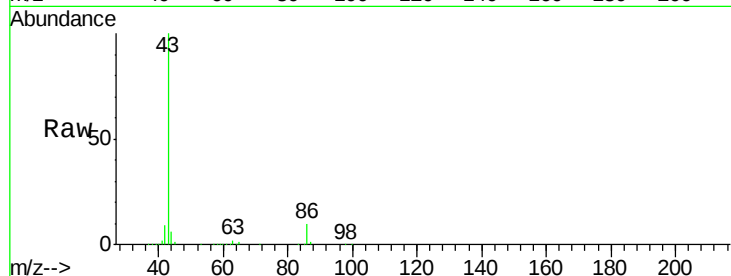
VSTDCCC050

Tgt Ion: 43 Resp: 1004607

Ion Ratio Lower Upper

43 100

86 10.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062822.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062822.D (-1173) (-)

5.84

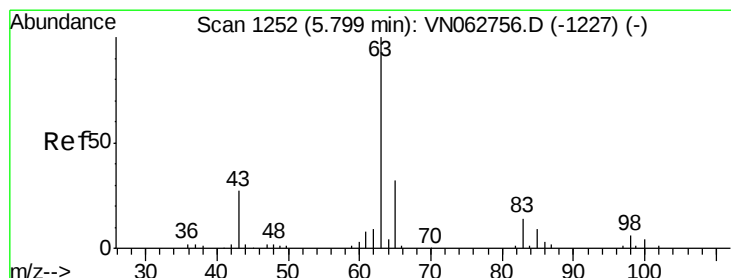
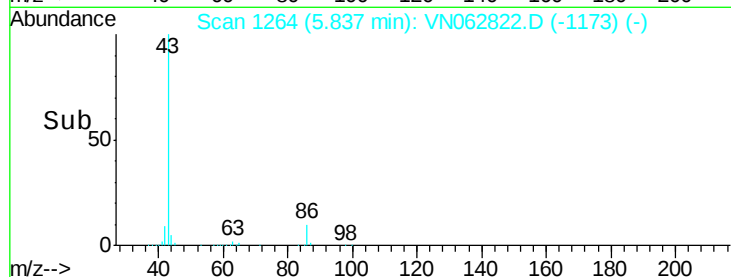
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.013 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

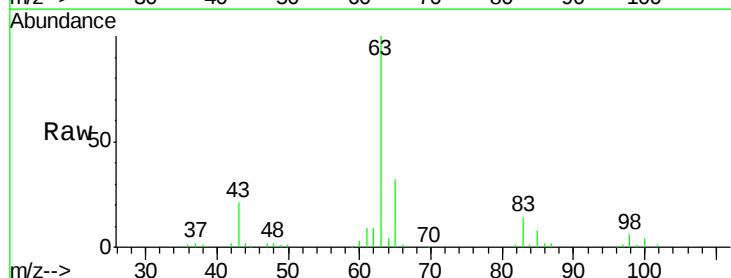
Tgt Ion: 63 Resp: 160391

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062822.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062822.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062822.D (-1159) (-)

5.79

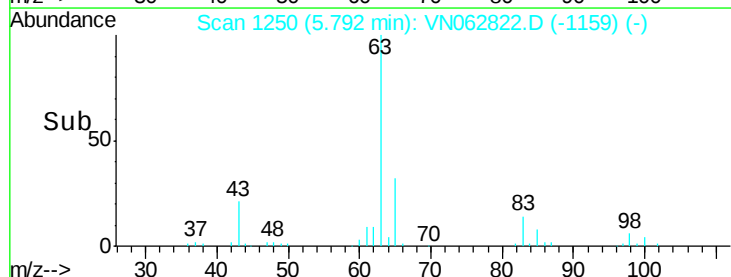
60000

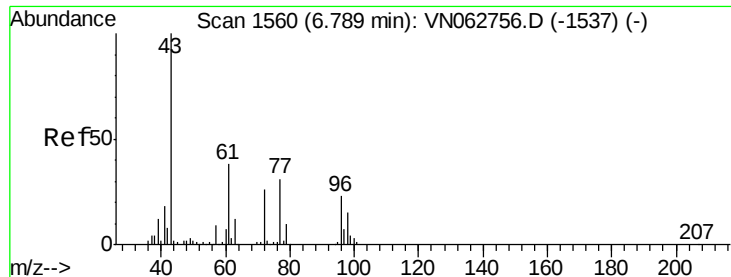
40000

20000

0

Time-->

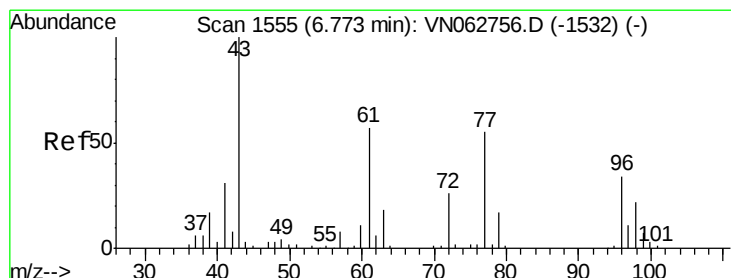
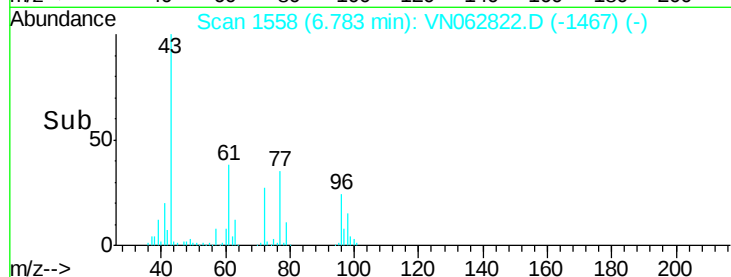
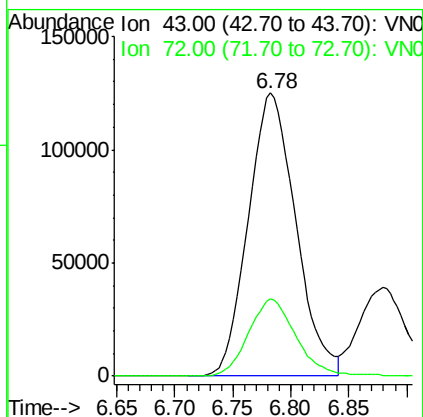
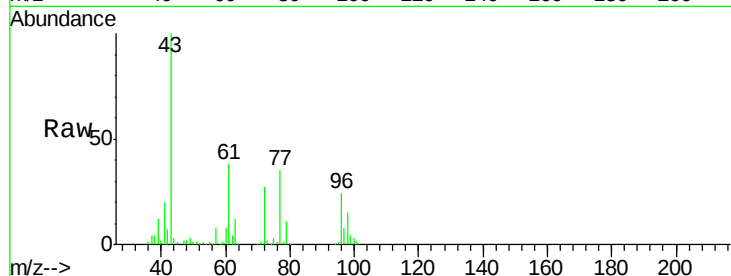




#25
 2-Butanone
 Concen: 252.736 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

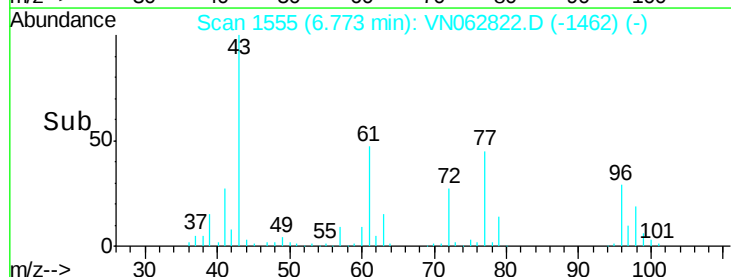
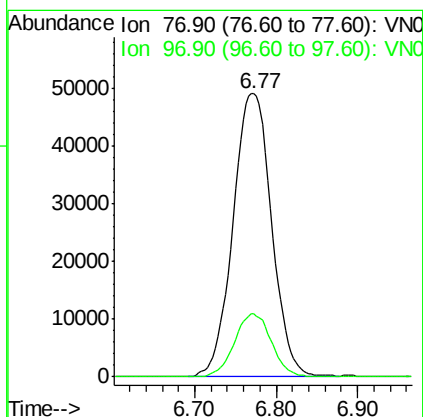
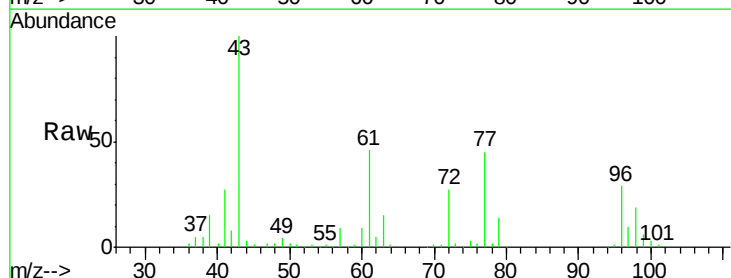
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

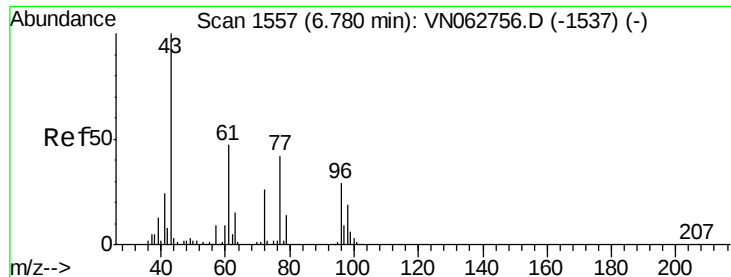
Tgt Ion: 43 Resp: 356865
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 47.808 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 77 Resp: 160594
 Ion Ratio Lower Upper
 77 100
 97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.492 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

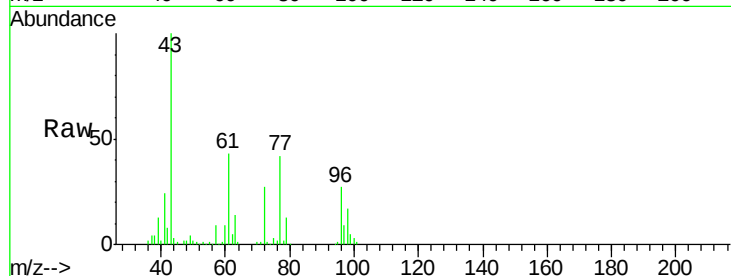
Tgt Ion: 96 Resp: 93119

Ion Ratio Lower Upper

96 100

61 161.8 0.0 332.2

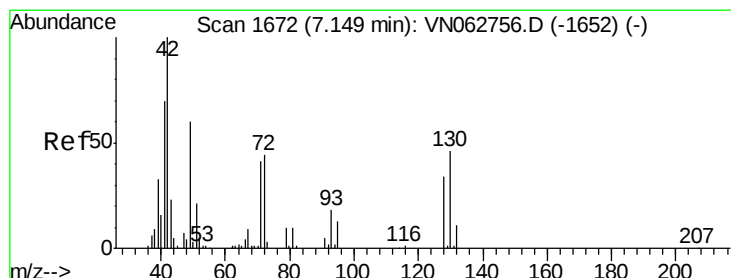
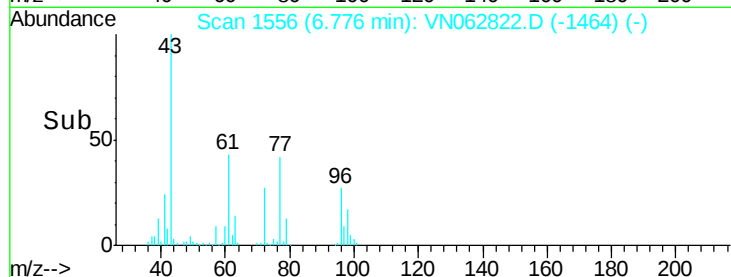
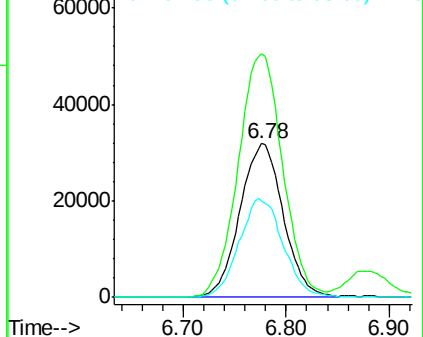
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062822.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062822.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062822.D (-1464) (-)



#28

Bromochloromethane

Concen: 43.037 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

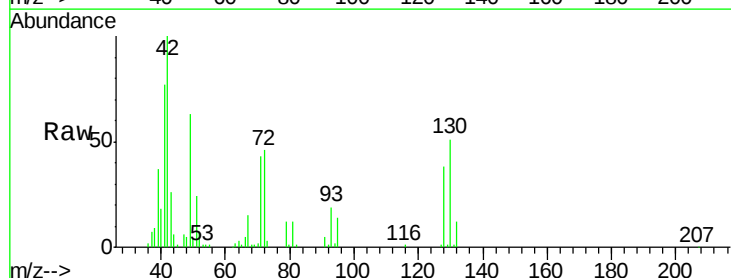
Tgt Ion: 49 Resp: 75692

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.2

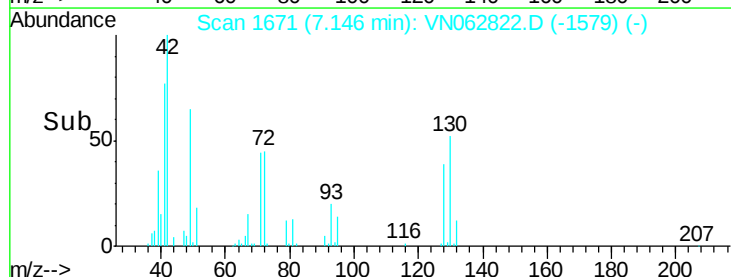
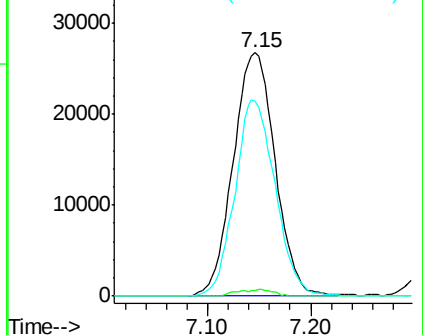
130 77.3 59.0 88.6

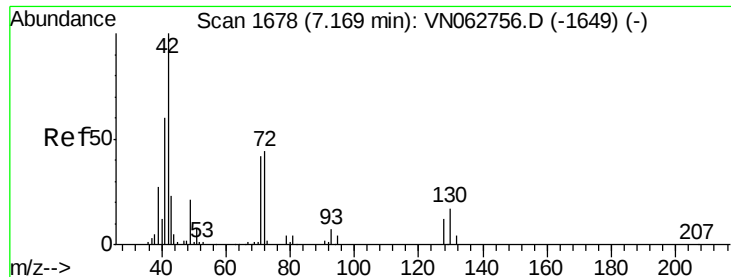


Abundance Ion 48.90 (48.60 to 49.60): VN062822.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062822.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062822.D (-1579) (-)

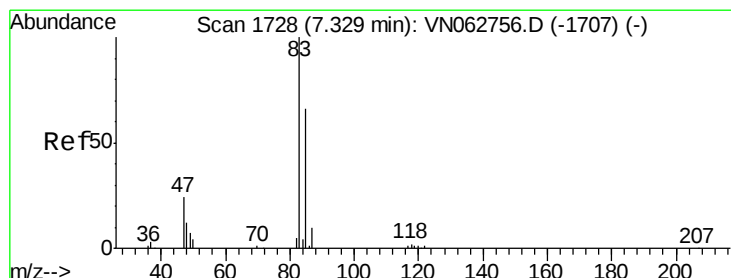
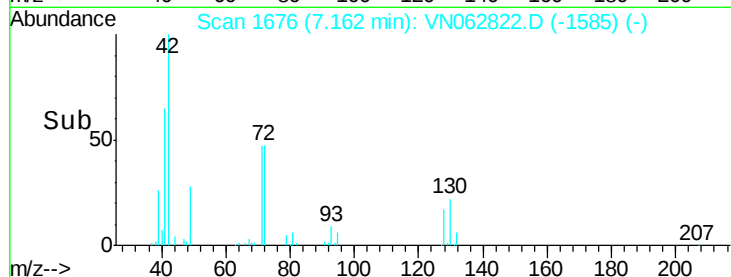
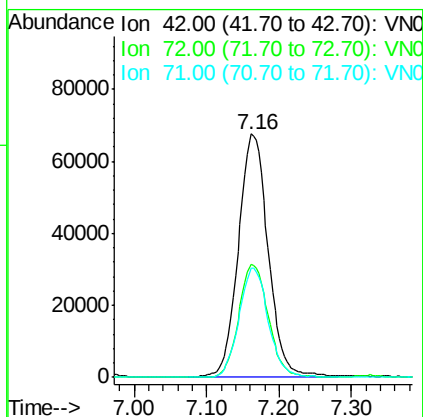
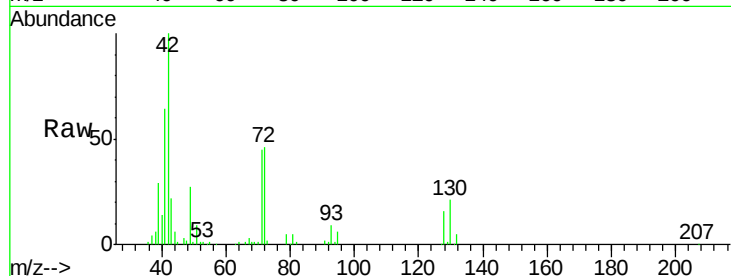




#29
Tetrahydrofuran
Concen: 211.788 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

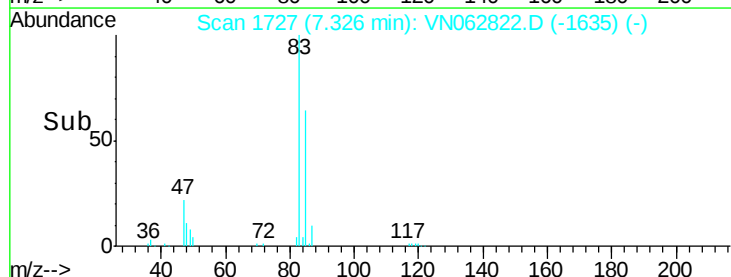
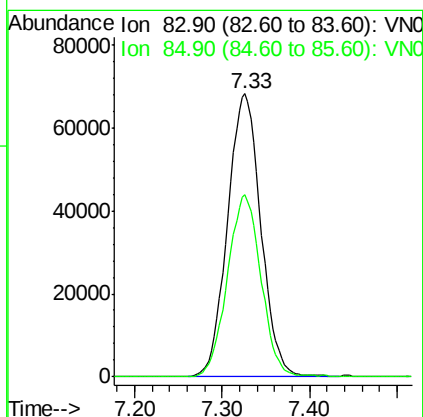
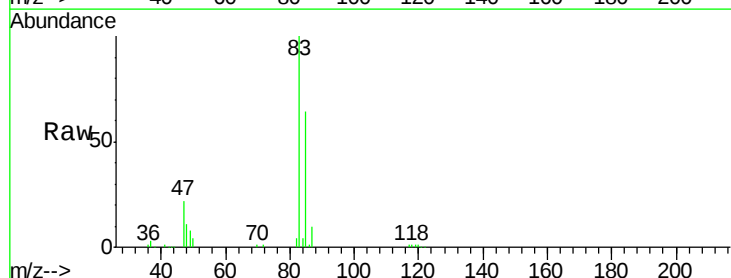
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

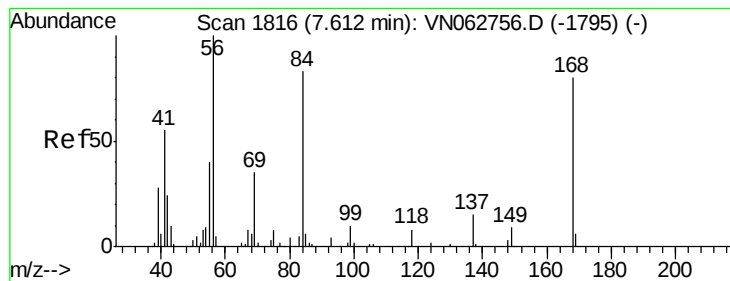
Tgt Ion: 42 Resp: 194281
Ion Ratio Lower Upper
42 100
72 46.0 35.0 52.4
71 43.7 33.2 49.8



#30
Chloroform
Concen: 46.564 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 83 Resp: 180331
Ion Ratio Lower Upper
83 100
85 64.4 52.7 79.1





#31

Cyclohexane

Concen: 45.821 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

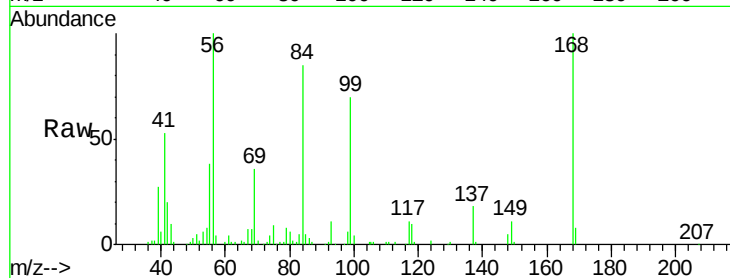
Tgt Ion: 56 Resp: 153277

Ion Ratio Lower Upper

56 100

69 36.2 28.1 42.1

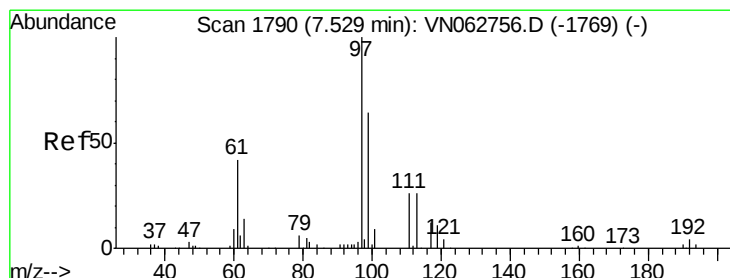
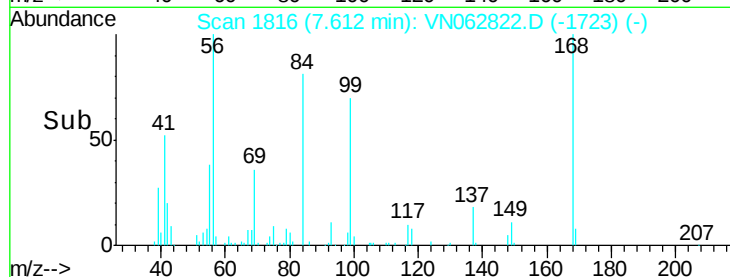
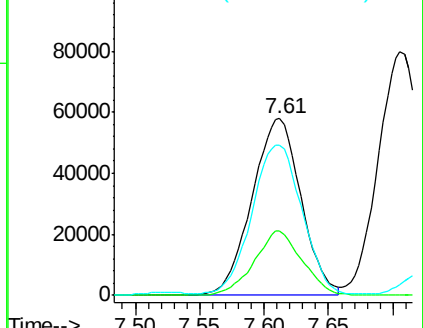
84 84.2 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062822.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062822.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062822.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 46.018 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

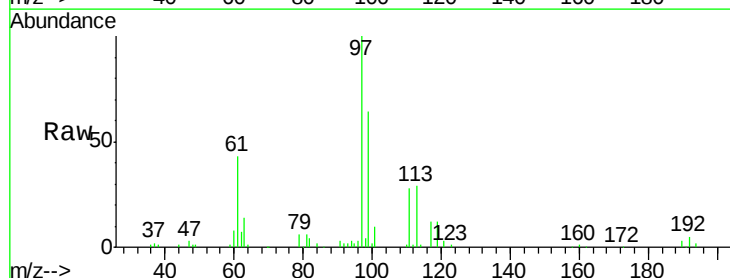
Tgt Ion: 97 Resp: 159339

Ion Ratio Lower Upper

97 100

99 64.6 50.0 75.0

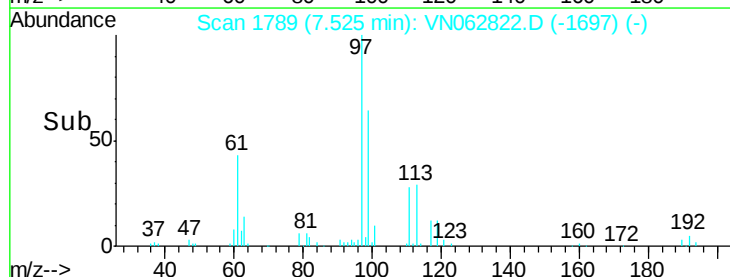
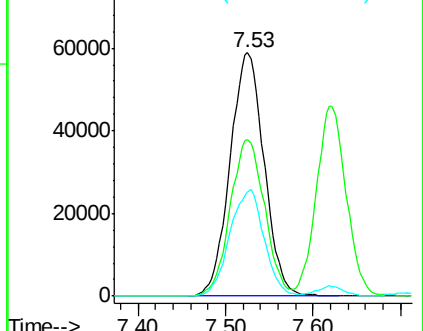
61 44.1 34.8 52.2

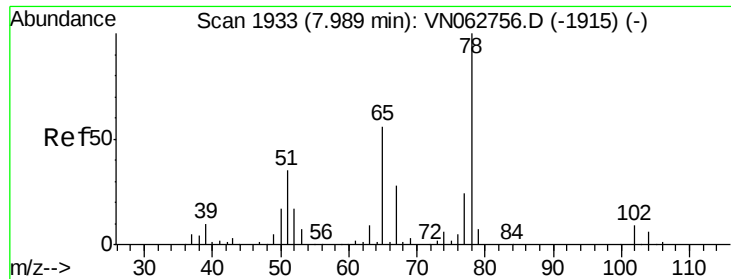


Abundance Ion 96.90 (96.60 to 97.60): VN062822.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062822.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062822.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 44.822 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

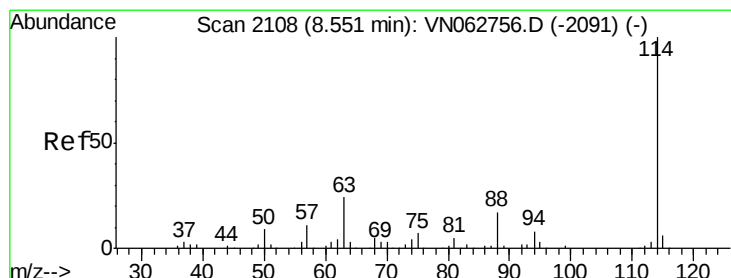
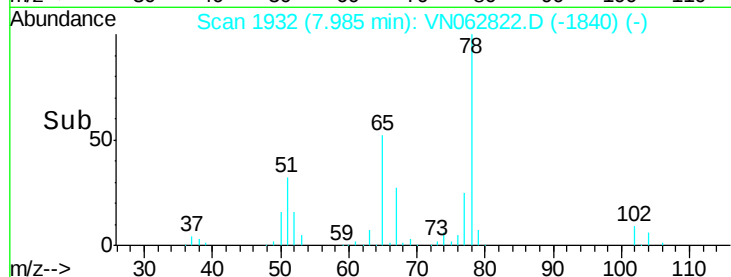
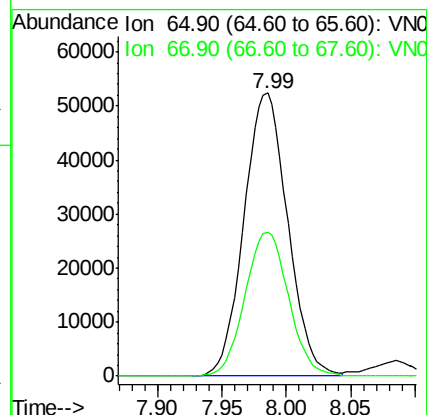
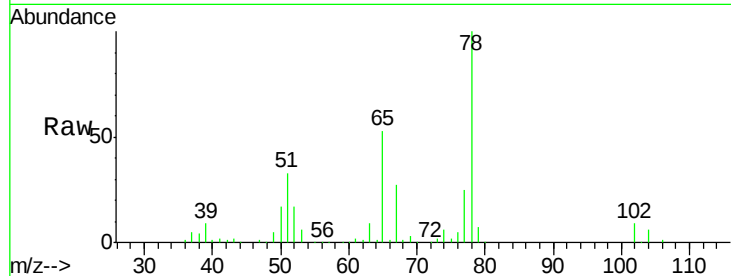
VSTDCCC050

Tgt Ion: 65 Resp: 123669

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

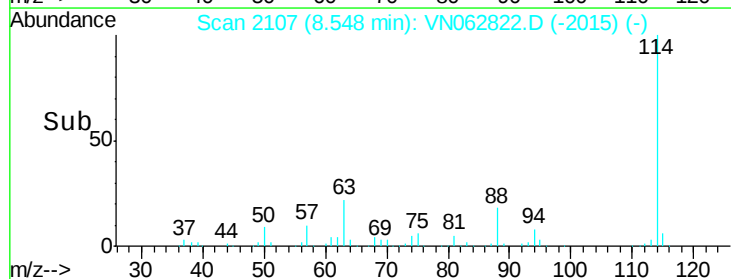
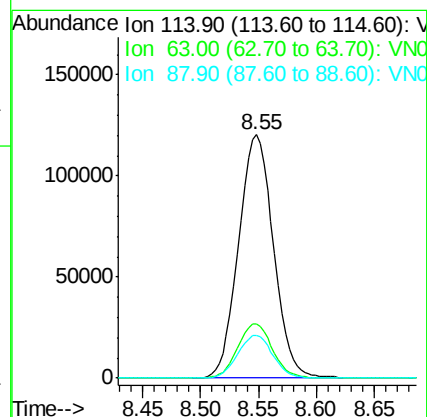
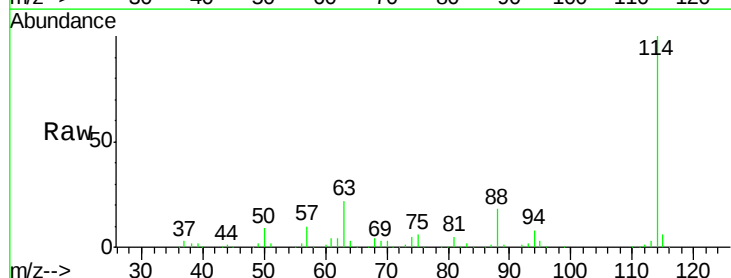
Tgt Ion: 114 Resp: 251802

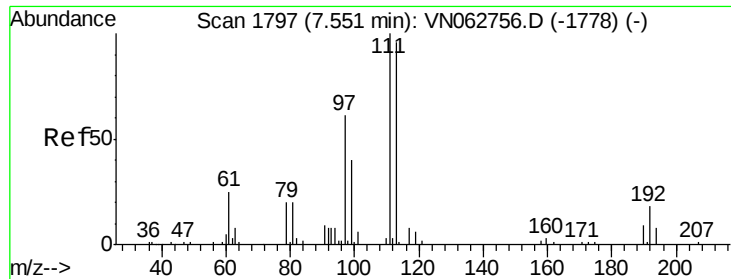
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 17.7 0.0 34.4

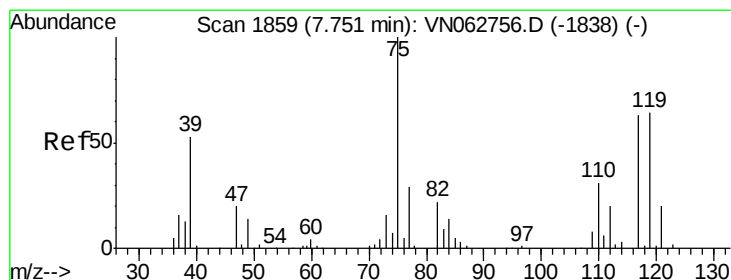
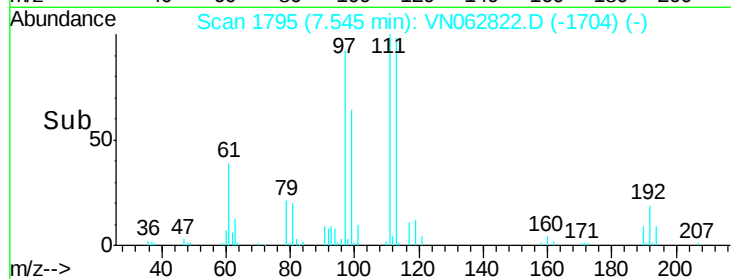
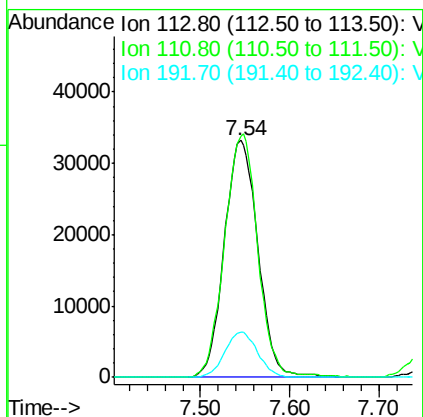
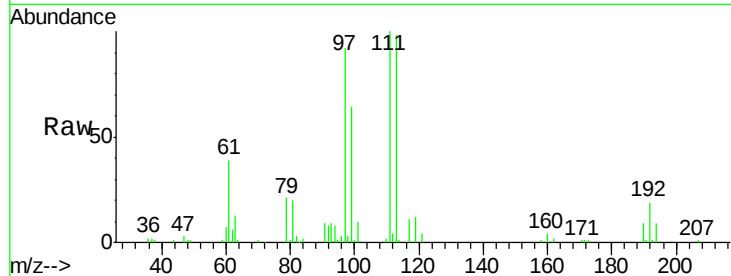




#35
 Dibromofluoromethane
 Concen: 50.367 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

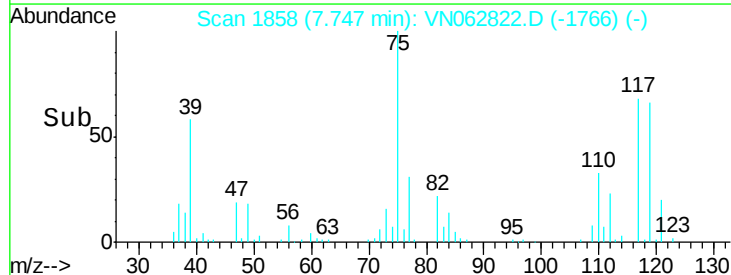
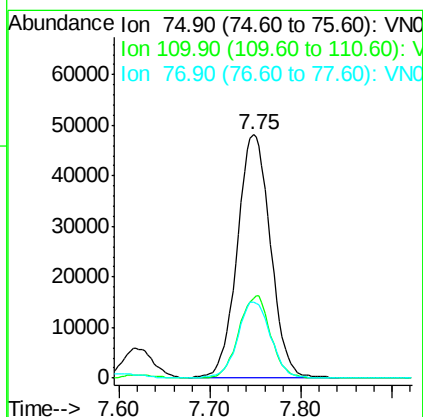
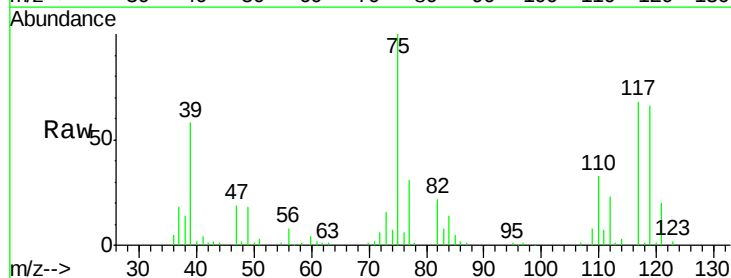
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

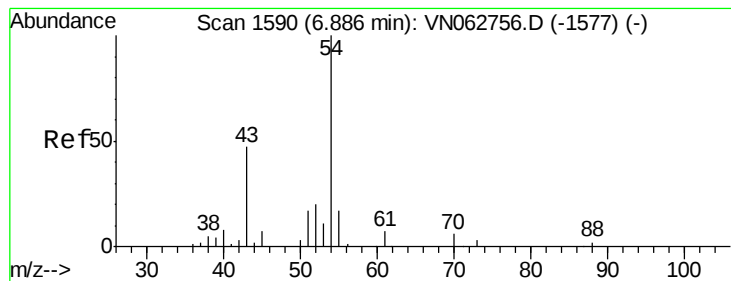
Tgt Ion: 113 Resp: 86756
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.6
 192 18.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 49.788 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 75 Resp: 122072
 Ion Ratio Lower Upper
 75 100
 110 32.3 15.6 46.7
 77 31.0 24.1 36.1





#37

Ethyl Acetate

Concen: 43.734 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

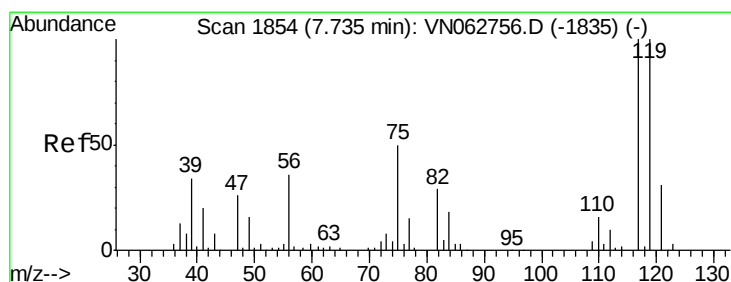
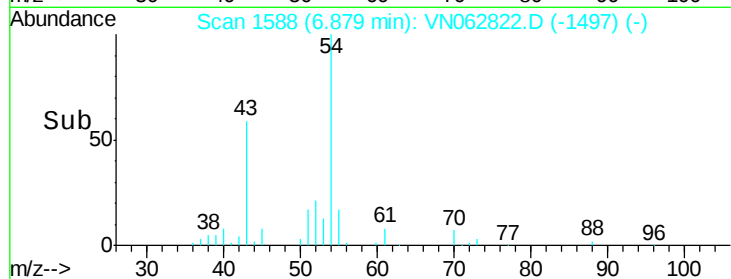
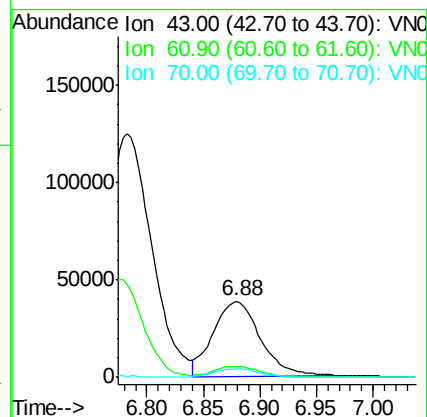
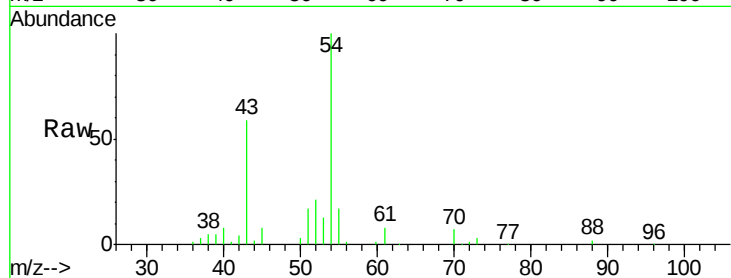
Tgt Ion: 43 Resp: 112011

Ion Ratio Lower Upper

43 100

61 14.8 12.1 18.1

70 11.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.342 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

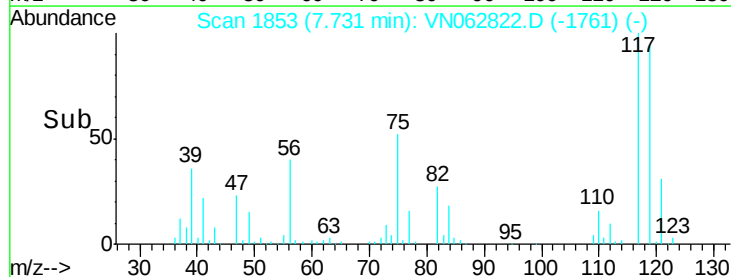
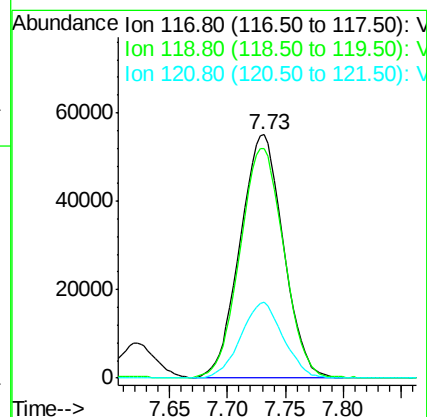
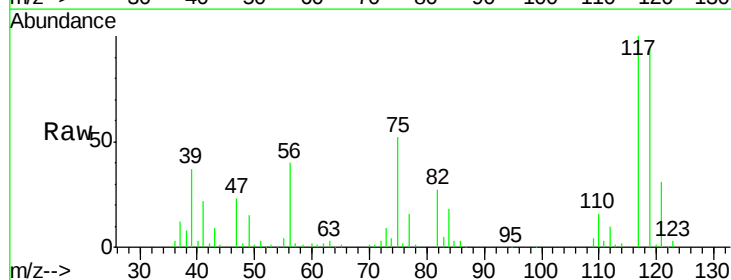
Tgt Ion: 117 Resp: 143080

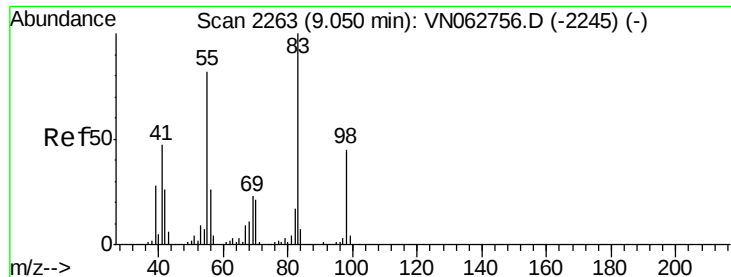
Ion Ratio Lower Upper

117 100

119 94.0 79.4 119.2

121 31.0 24.9 37.3

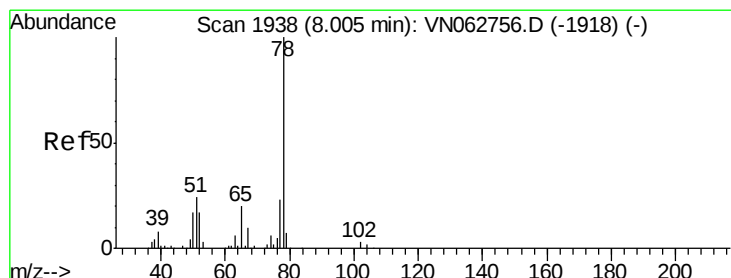
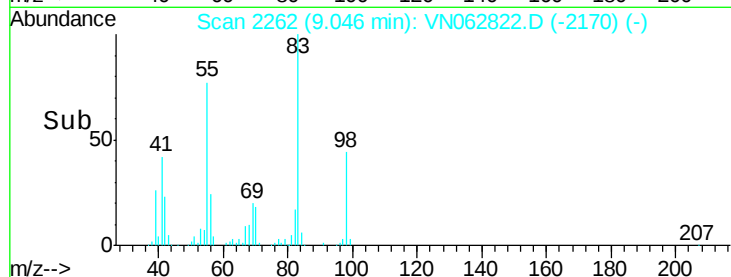
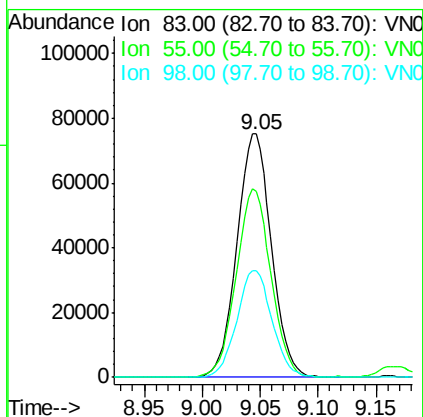
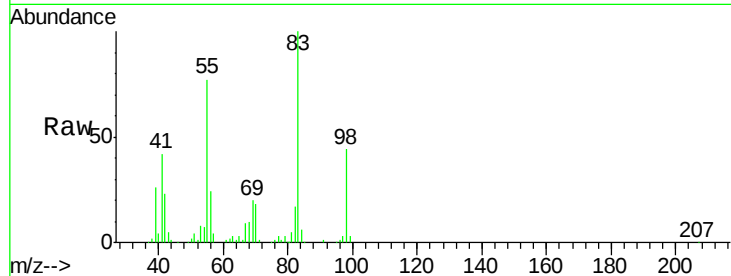




#39
Methylcyclohexane
Concen: 52.658 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

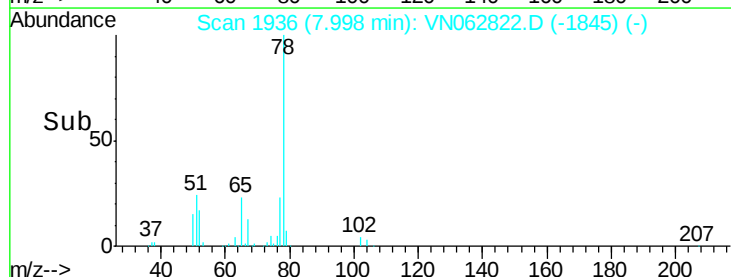
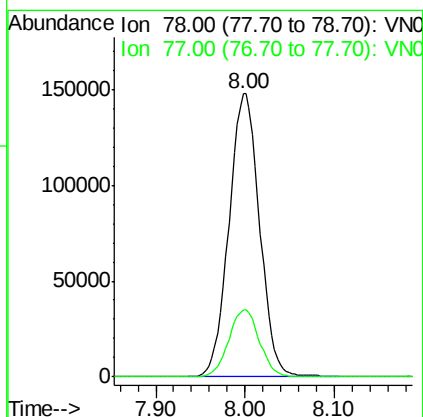
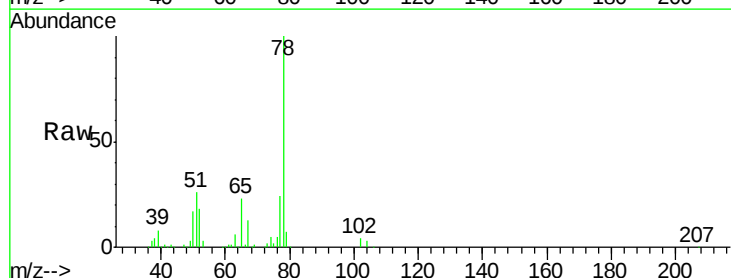
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

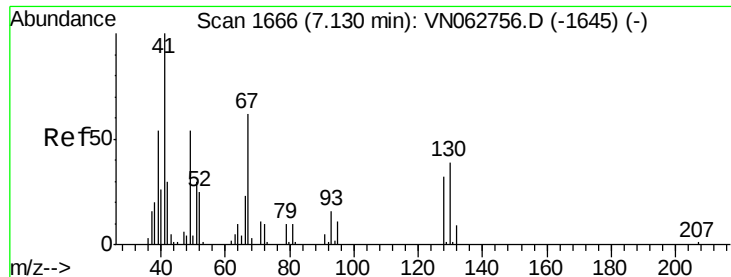
Tgt Ion: 83 Resp: 155375
Ion Ratio Lower Upper
83 100
55 76.5 65.7 98.5
98 43.9 35.6 53.4



#40
Benzene
Concen: 47.997 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 78 Resp: 351163
Ion Ratio Lower Upper
78 100
77 23.6 18.1 27.1

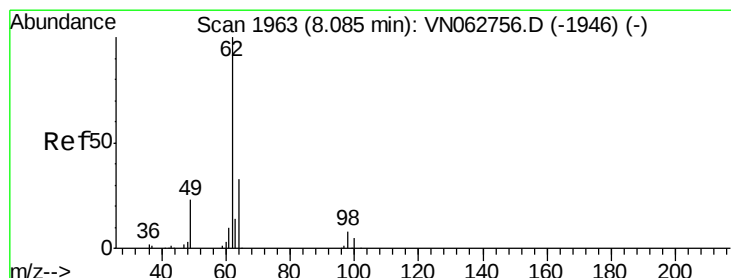
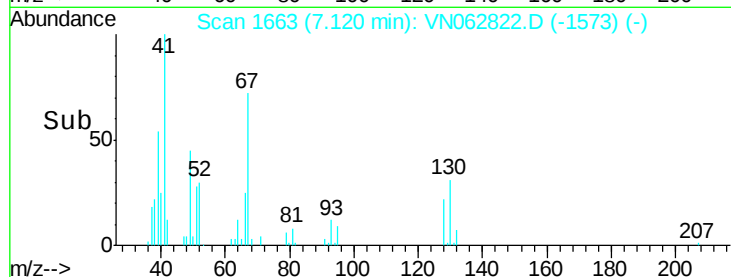
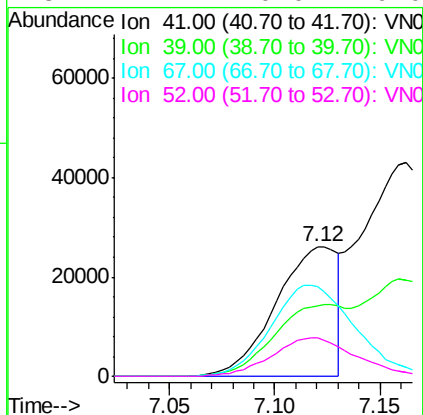
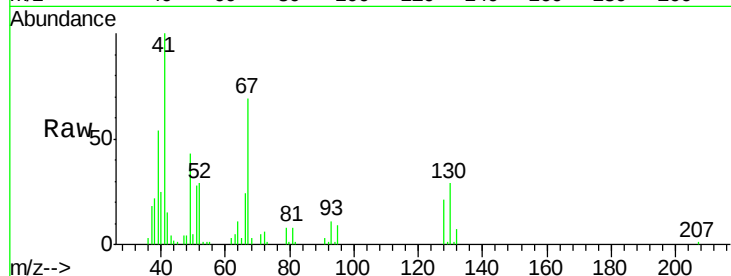




#41
Methacrylonitrile
Concen: 45.699 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

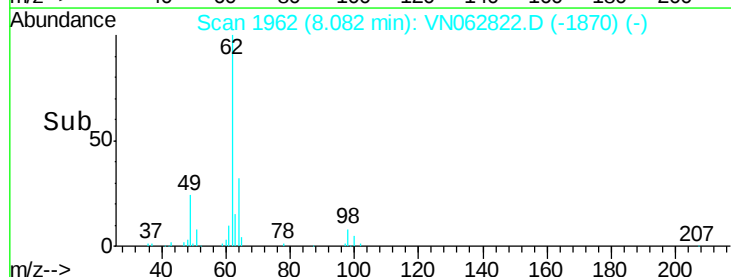
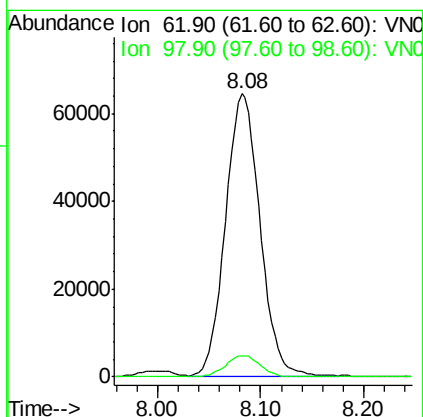
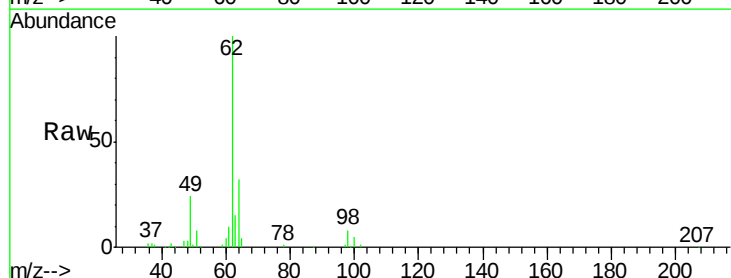
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

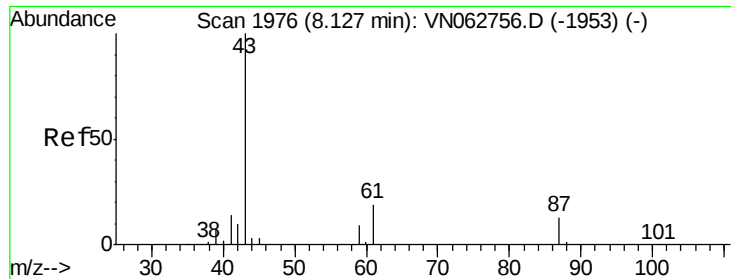
Tgt Ion: 41 Resp: 52815
Ion Ratio Lower Upper
41 100
39 67.1 69.4 104.2#
67 97.1 0.0 0.0#
52 41.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 47.830 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 62 Resp: 148940
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8

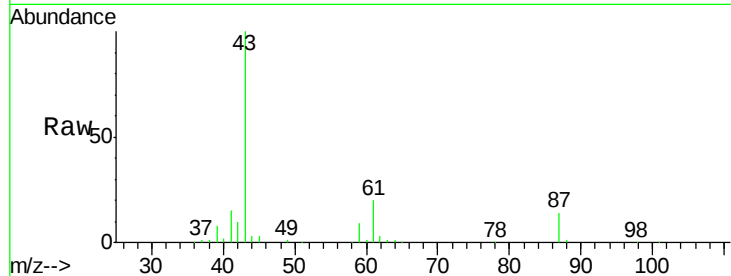




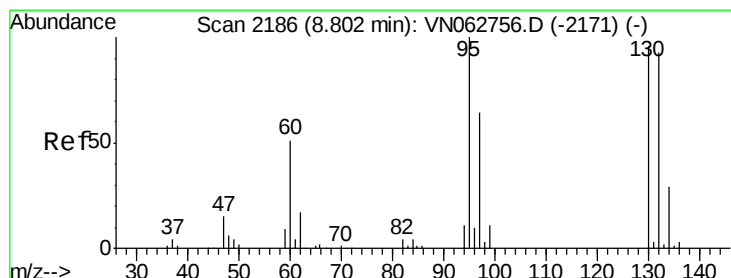
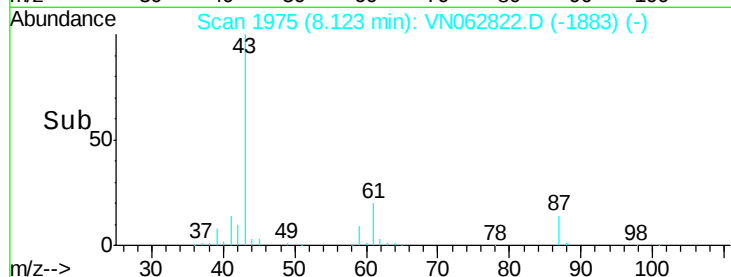
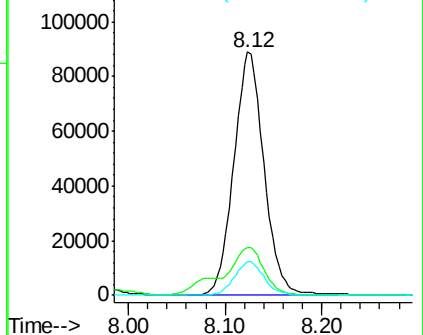
#43
Isopropyl Acetate
Concen: 45.290 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 193475
Ion Ratio Lower Upper
43 100
61 20.0 15.8 23.6
87 13.6 9.9 14.9

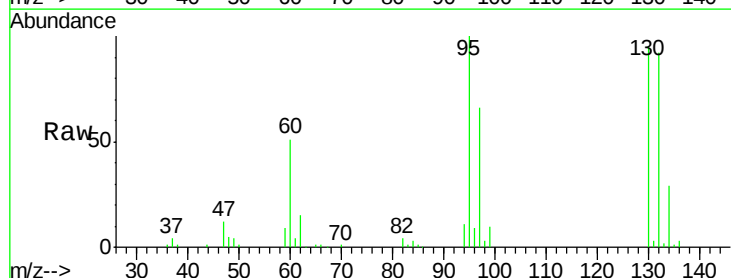


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

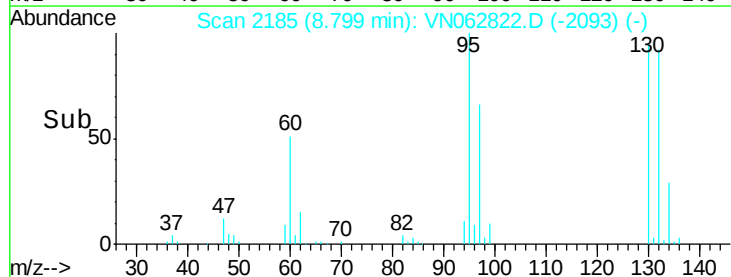
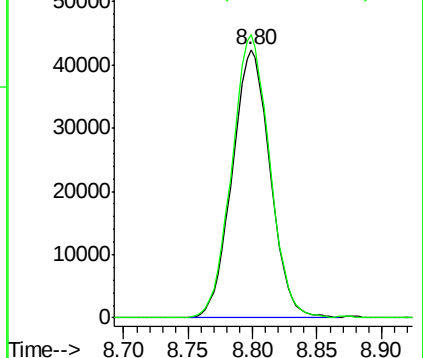


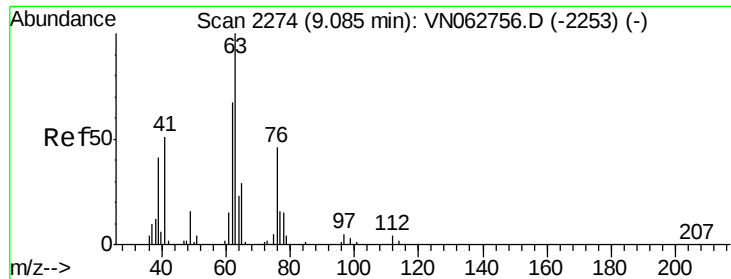
#44
Trichloroethene
Concen: 48.672 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 130 Resp: 86758
Ion Ratio Lower Upper
130 100
95 105.5 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 50.773 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

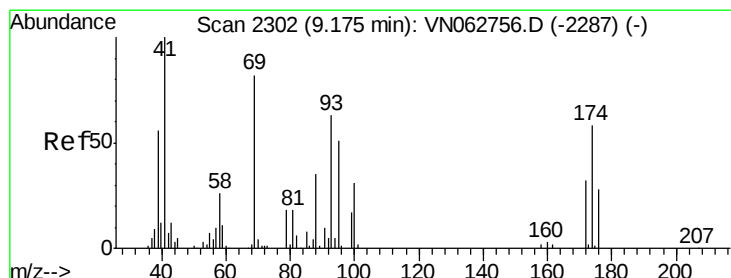
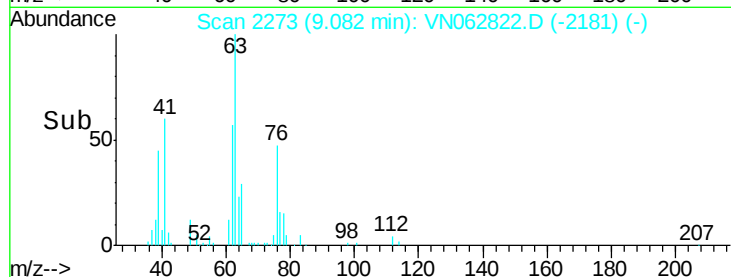
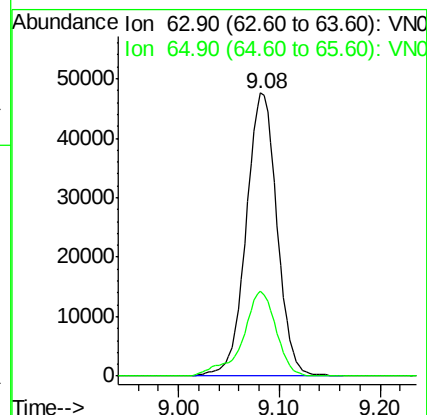
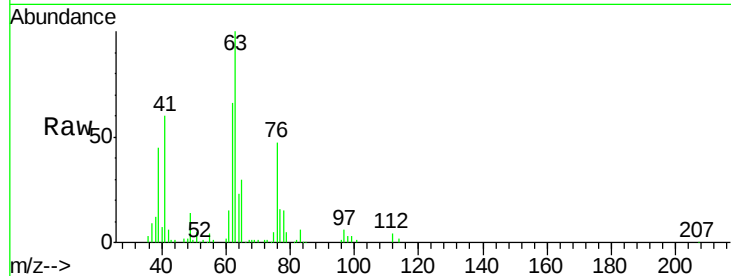
VSTDCCC050

Tgt Ion: 63 Resp: 100539

Ion Ratio Lower Upper

63 100

65 29.9 23.5 35.3



#46

Dibromomethane

Concen: 49.405 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

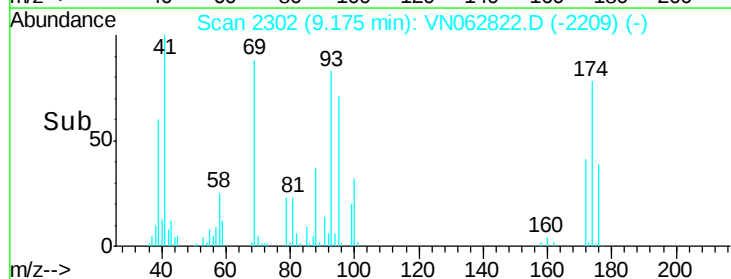
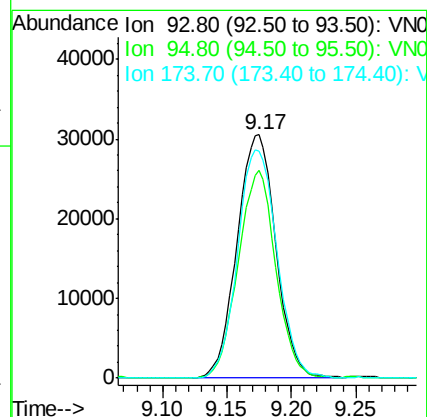
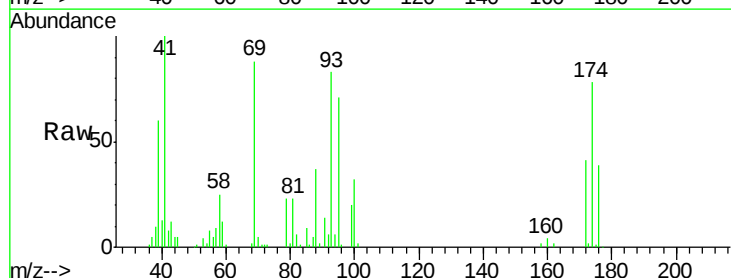
Tgt Ion: 93 Resp: 64099

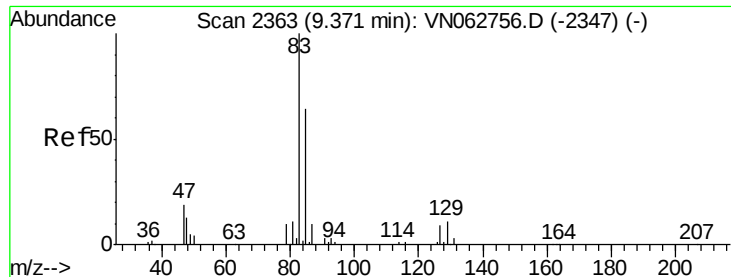
Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 95.0 73.9 110.9





#47

Bromodichloromethane

Concen: 50.828 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

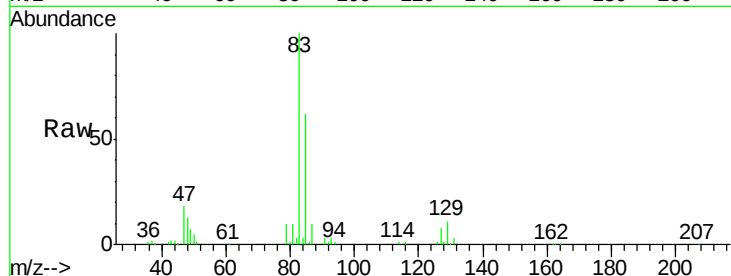
Tgt Ion: 83 Resp: 148111

Ion Ratio Lower Upper

83 100

85 61.9 51.4 77.0

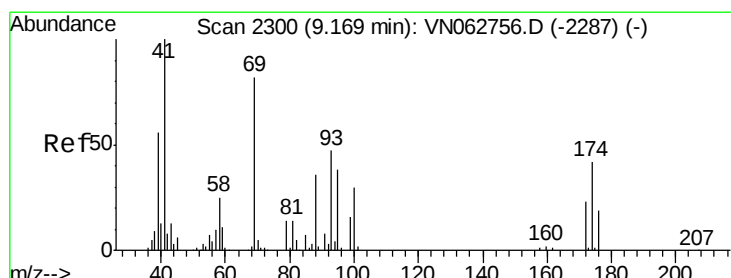
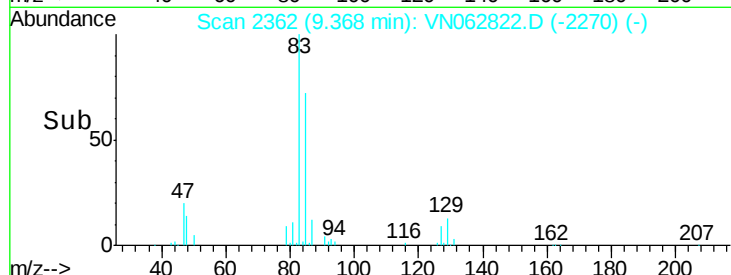
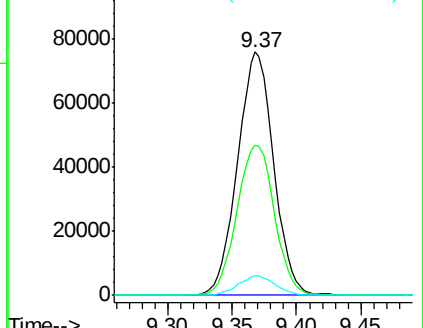
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062822.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062822.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062822.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.697 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

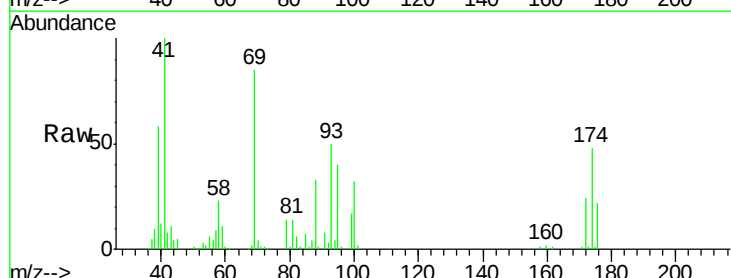
Tgt Ion: 41 Resp: 96020

Ion Ratio Lower Upper

41 100

69 88.7 67.4 101.2

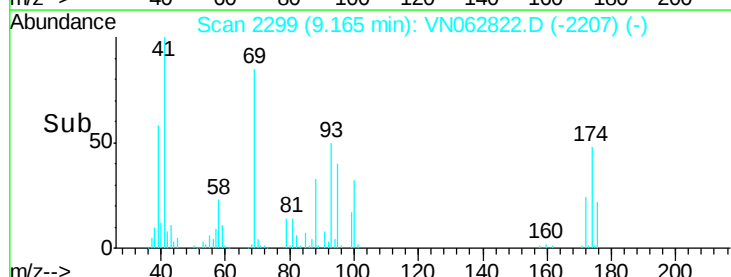
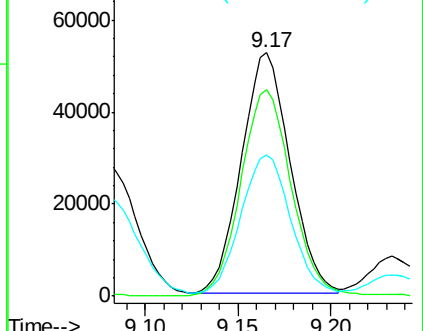
39 58.8 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062822.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062822.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062822.D (-2207) (-)

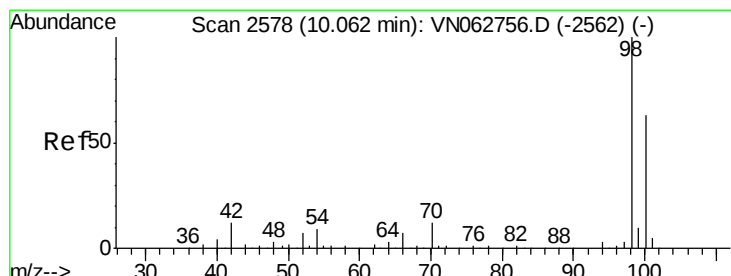
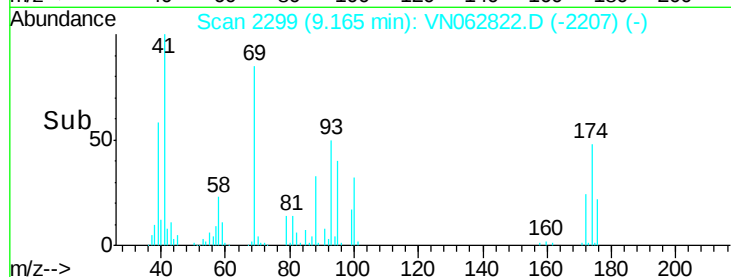
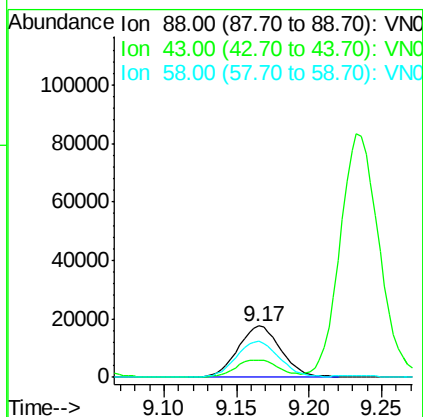
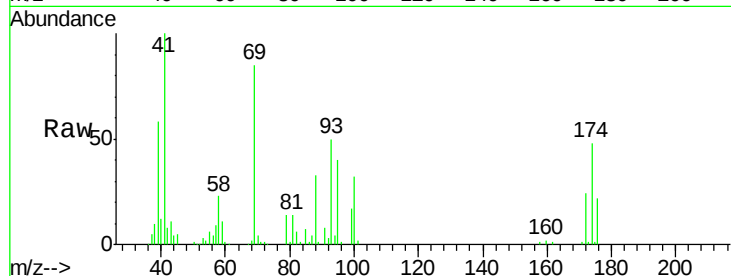




#49
 1,4-Dioxane
 Concen: 930.668 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

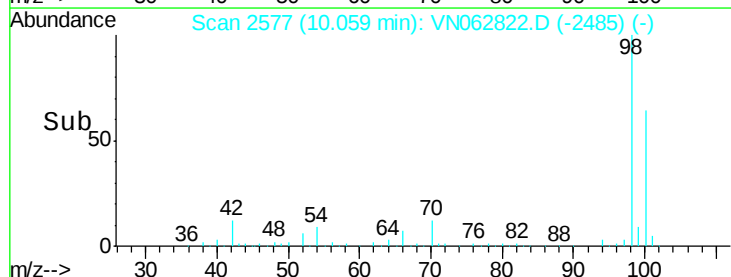
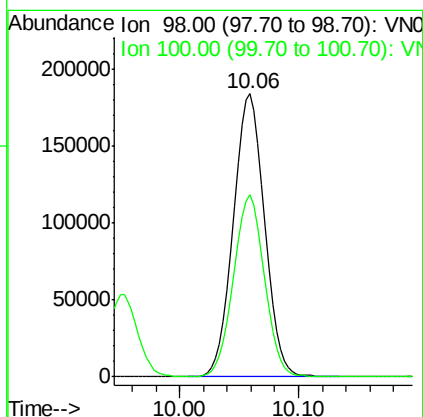
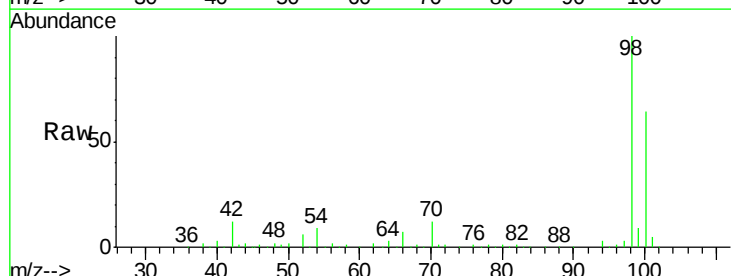
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

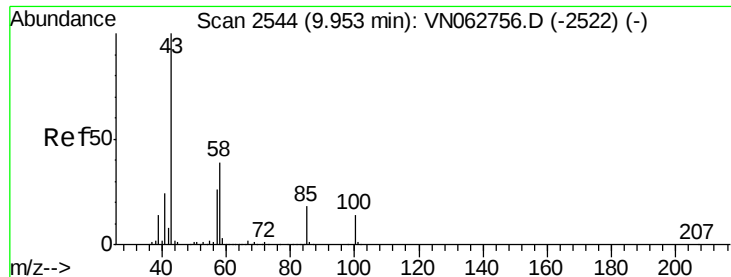
Tgt Ion: 88 Resp: 36235
 Ion Ratio Lower Upper
 88 100
 43 34.9 29.5 44.3
 58 70.5 59.8 89.8



#50
 Toluene-d8
 Concen: 49.897 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 98 Resp: 335537
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.9 76.3

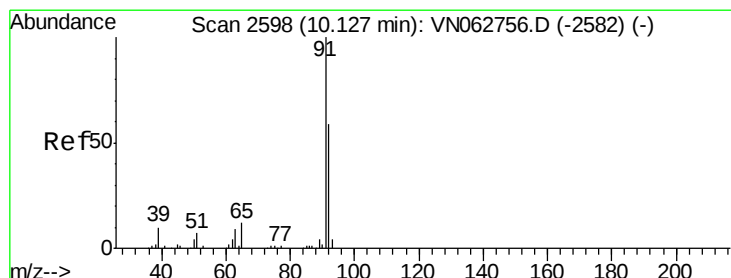
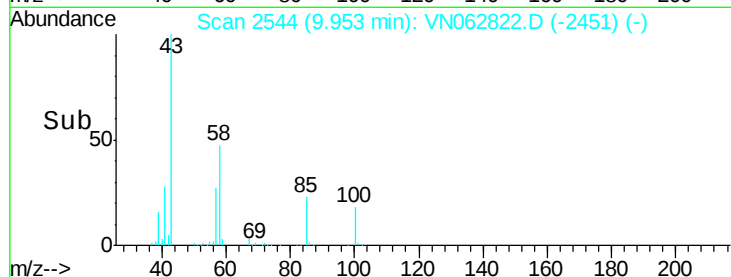
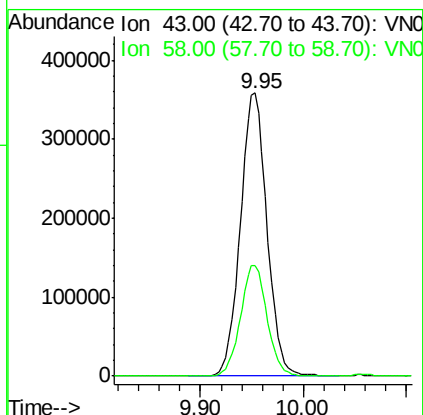
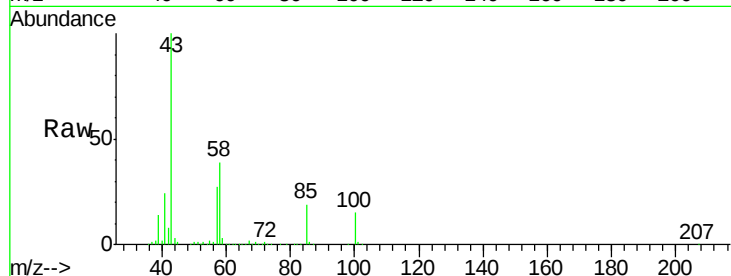




#51
 4-Methyl-2-Pentanone
 Concen: 232.440 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

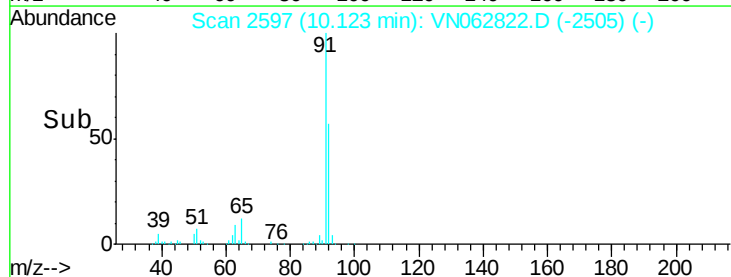
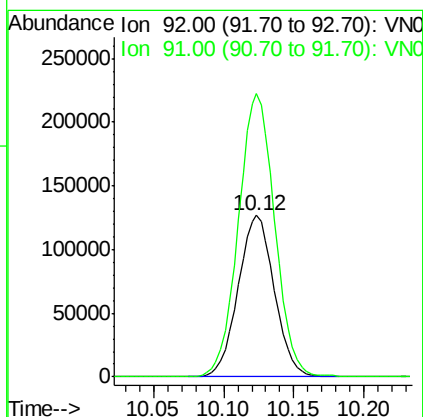
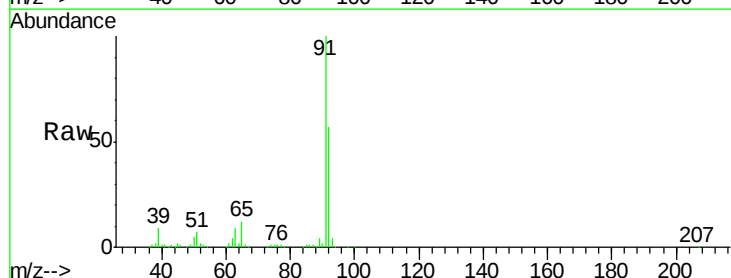
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

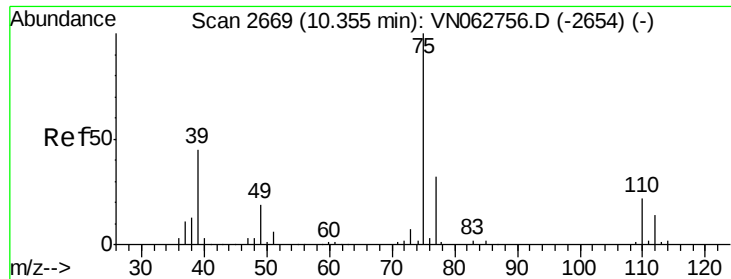
Tgt Ion: 43 Resp: 642468
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.1 46.7



#52
 Toluene
 Concen: 50.356 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 92 Resp: 227470
 Ion Ratio Lower Upper
 92 100
 91 176.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.006 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

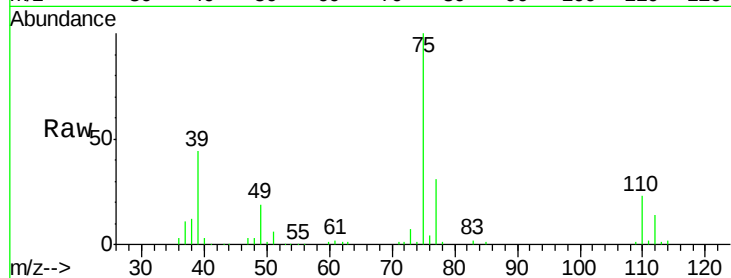
VSTDCCC050

Tgt Ion: 75 Resp: 163488

Ion Ratio Lower Upper

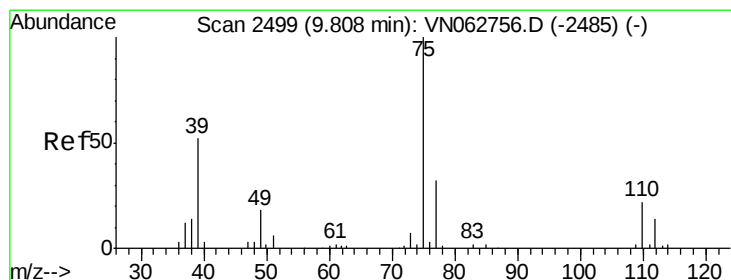
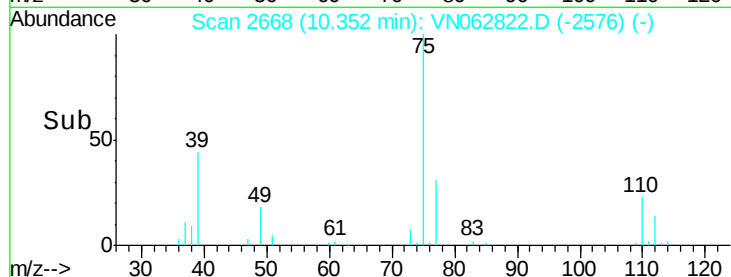
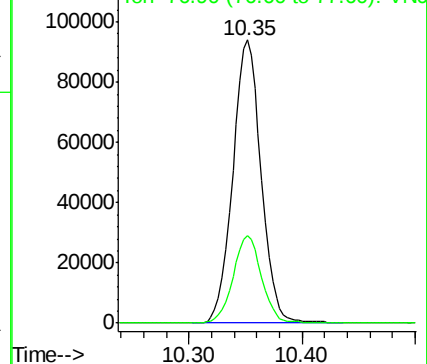
75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.426 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

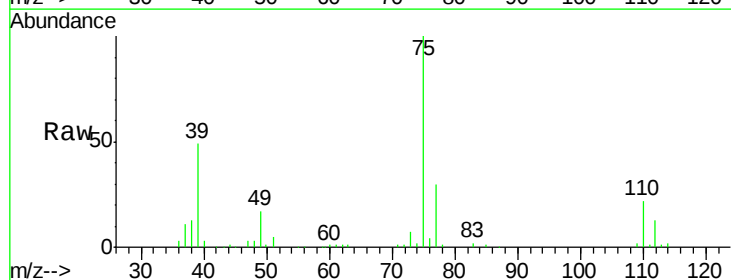
Tgt Ion: 75 Resp: 165497

Ion Ratio Lower Upper

75 100

77 29.7 25.5 38.3

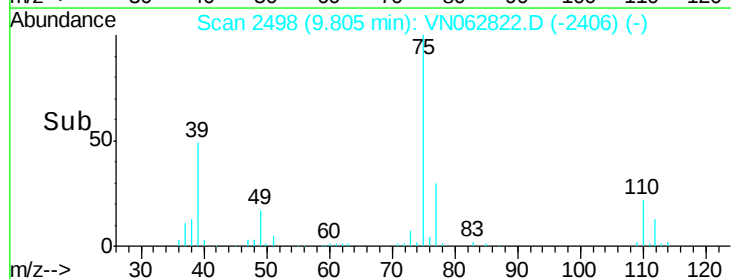
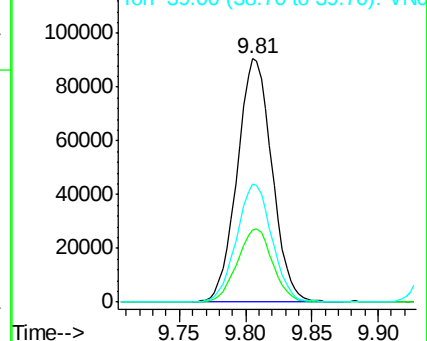
39 48.7 41.9 62.9

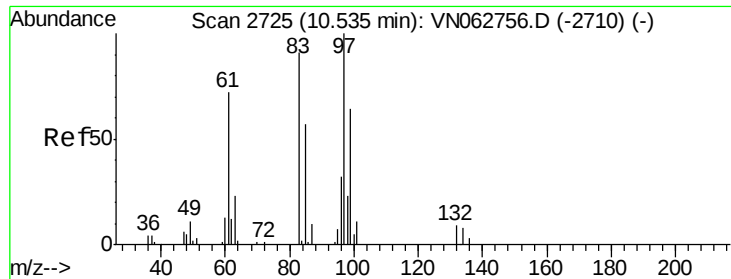


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

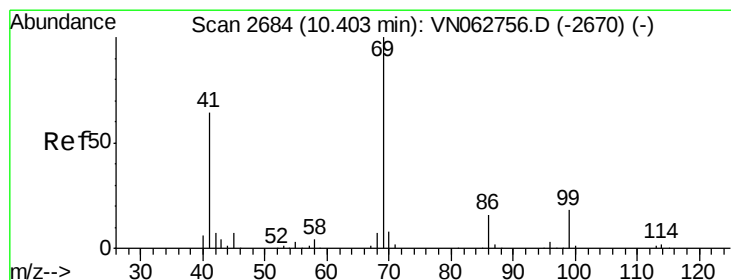
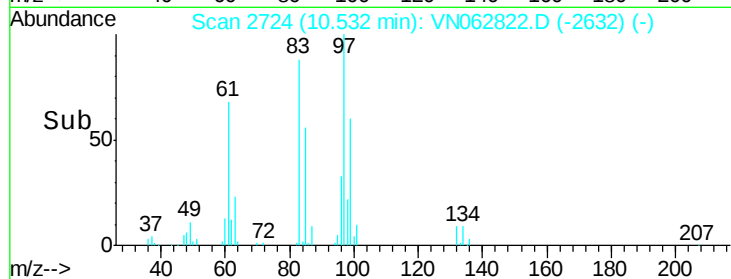
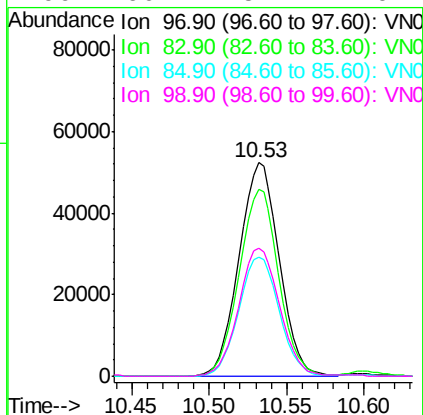
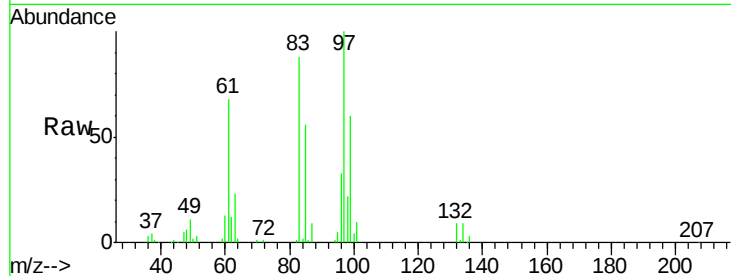




#55
 1,1,2-Trichloroethane
 Concen: 49.026 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

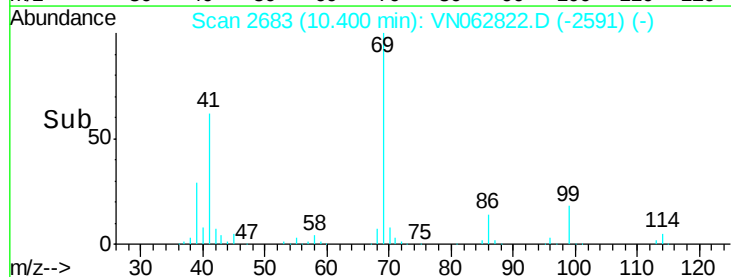
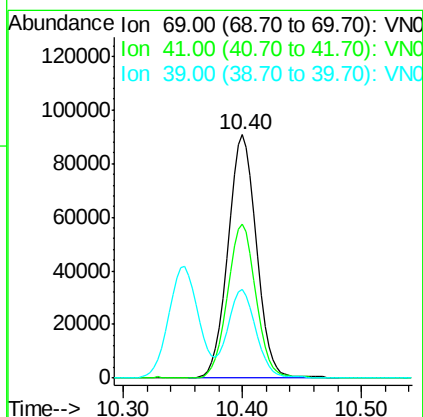
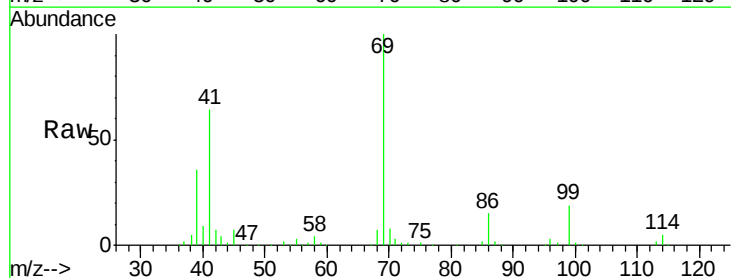
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

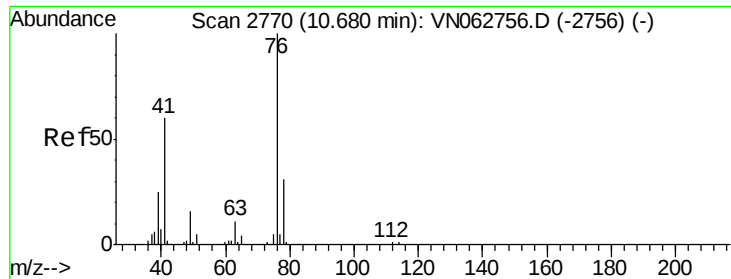
Tgt Ion:	97	Resp:	94585
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.6	108.8
85	55.7	46.0	69.0
99	60.2	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 51.906 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion:	69	Resp:	150733
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.2	78.2
39	35.5	30.9	46.3

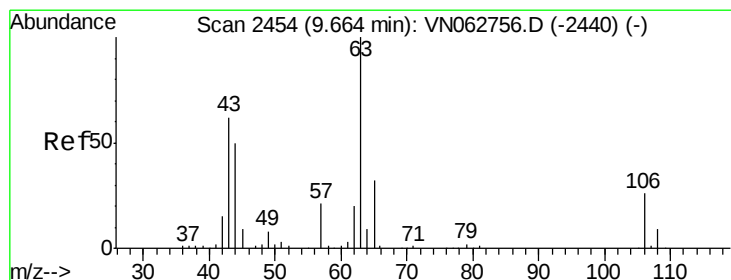
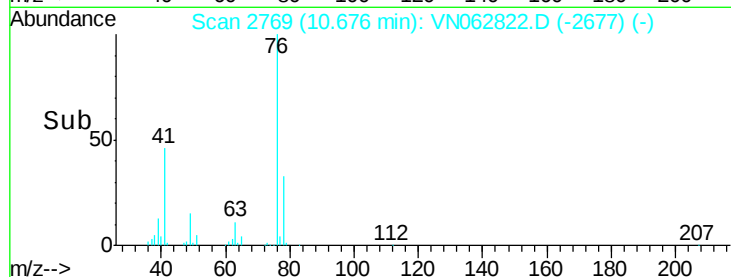
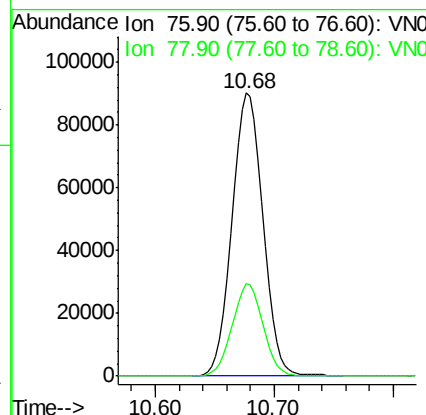
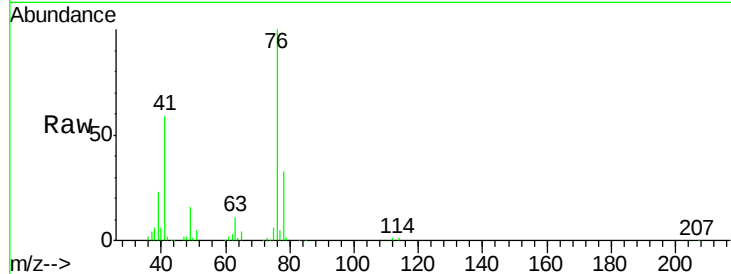




#57
 1,3-Dichloropropane
 Concen: 49.617 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

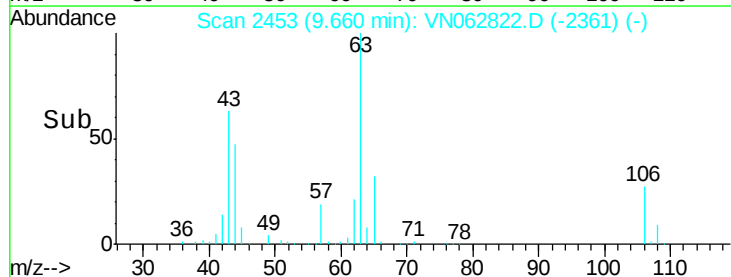
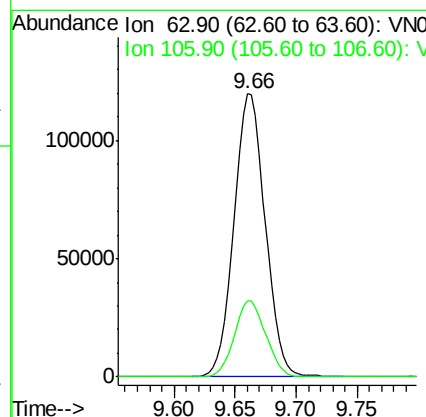
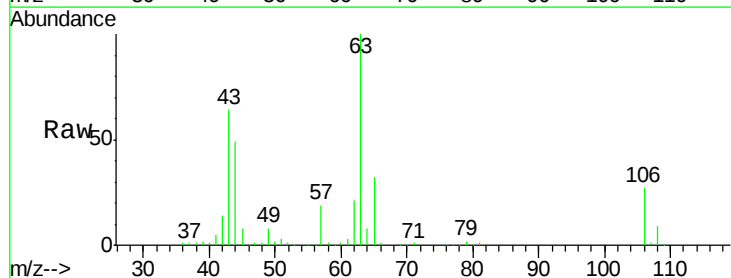
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

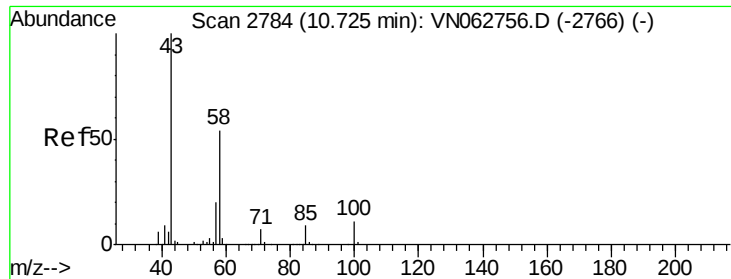
Tgt Ion: 76 Resp: 162649
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.610 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 63 Resp: 213920
 Ion Ratio Lower Upper
 63 100
 106 27.0 20.9 31.3

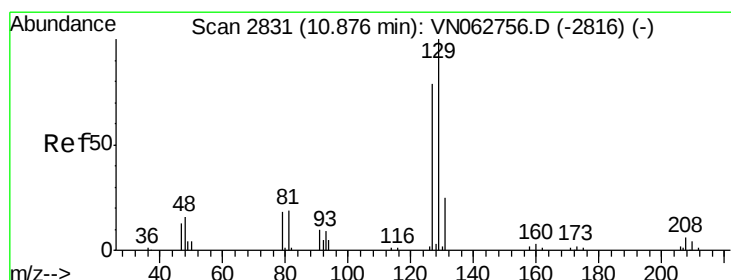
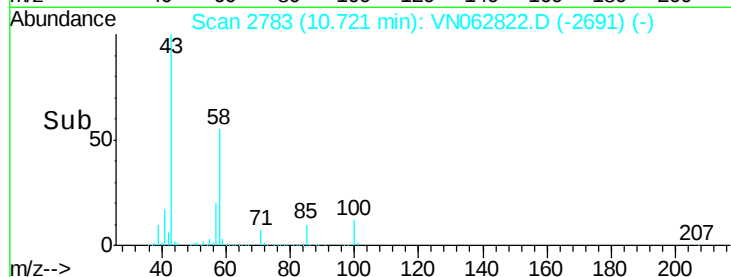
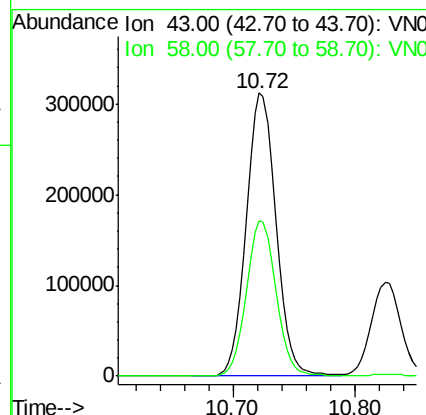
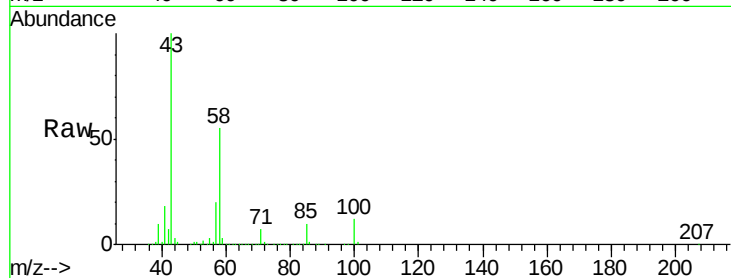




#59
2-Hexanone
Concen: 253.086 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

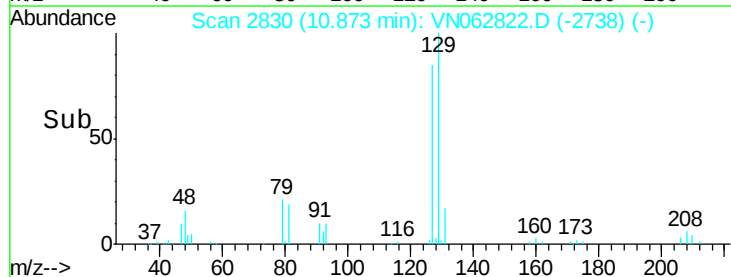
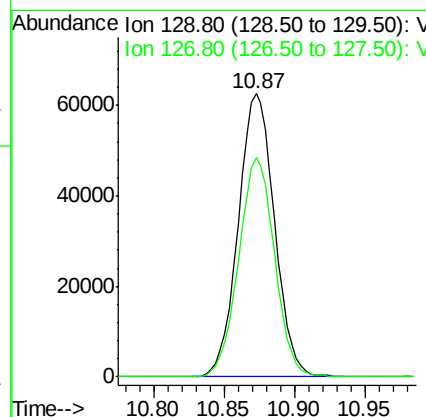
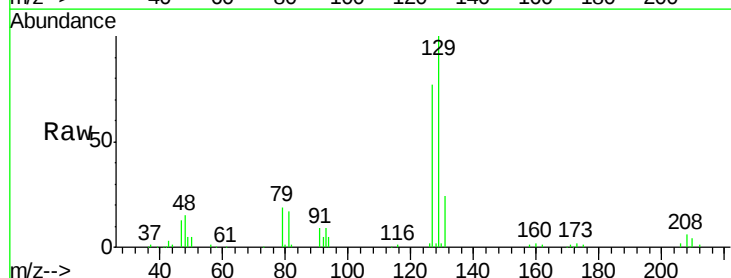
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

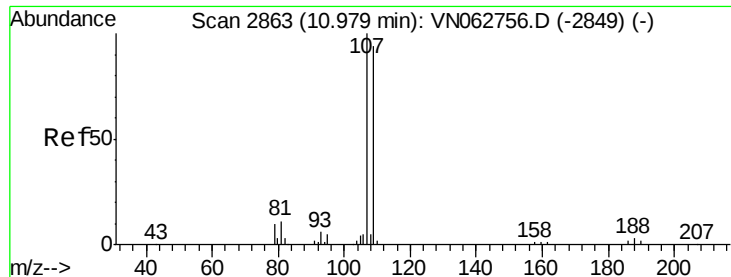
Tgt Ion: 43 Resp: 521811
Ion Ratio Lower Upper
43 100
58 54.8 26.7 80.1



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 129 Resp: 112680
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

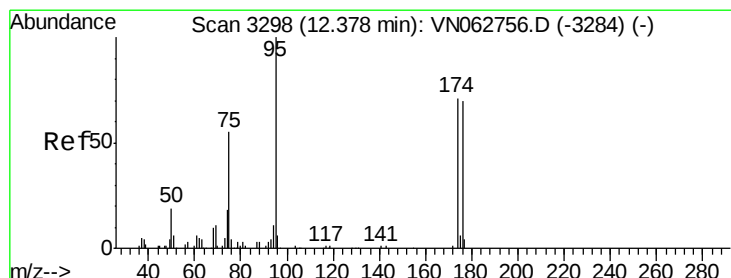
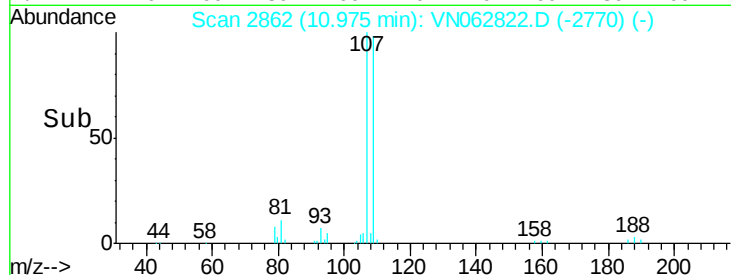
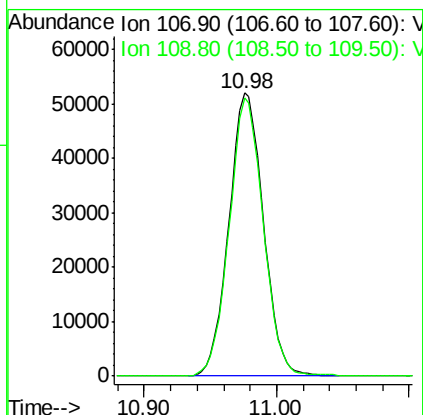
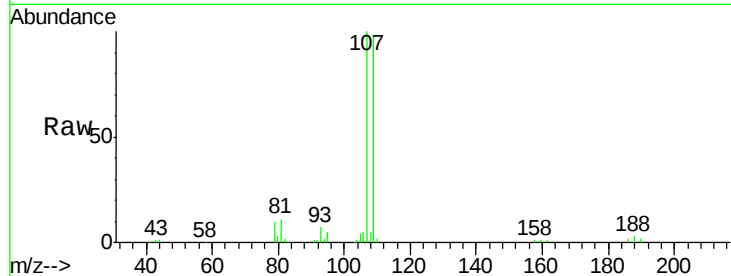




#61
 1,2-Dibromoethane
 Concen: 49.372 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

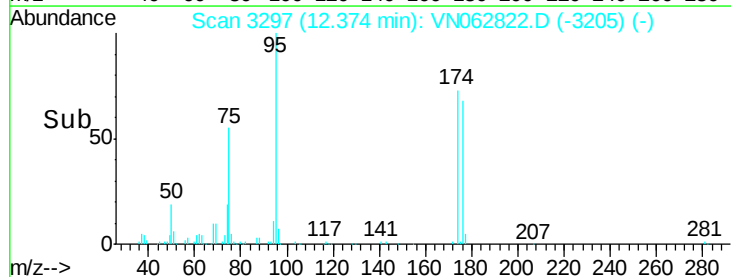
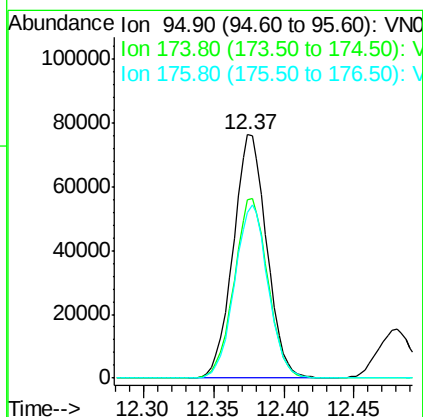
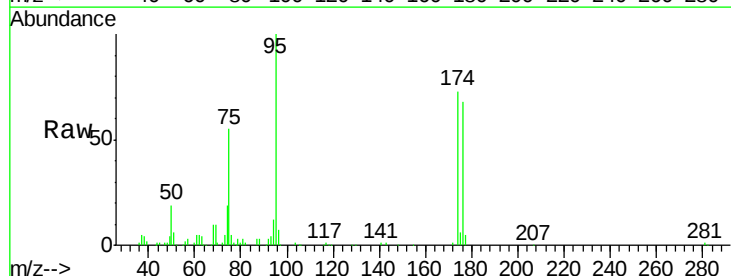
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

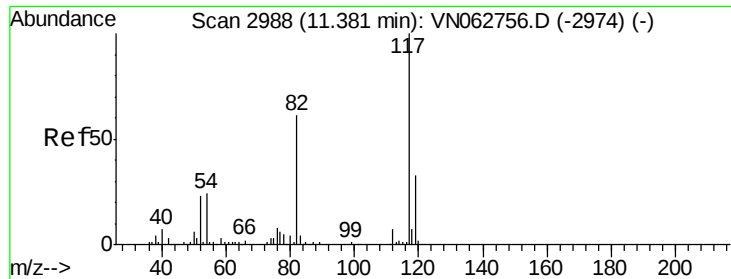
Tgt Ion: 107 Resp: 93992
 Ion Ratio Lower Upper
 107 100
 109 96.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.009 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 95 Resp: 127084
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 144.8
 176 71.0 0.0 142.2

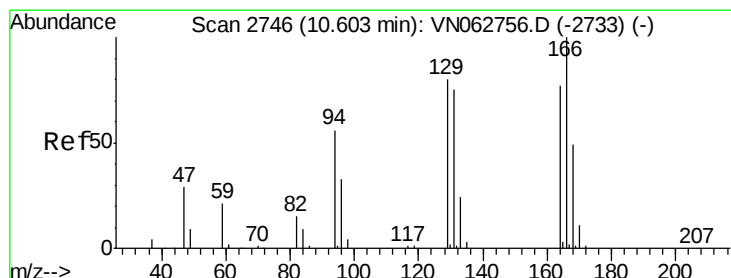
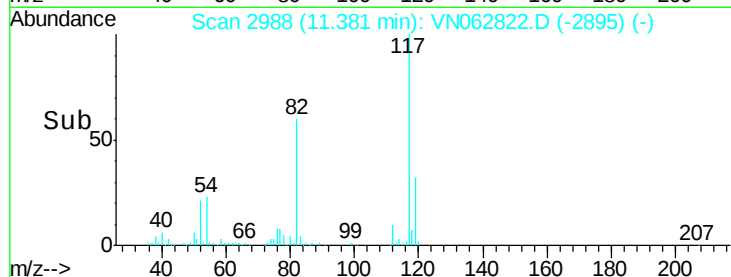
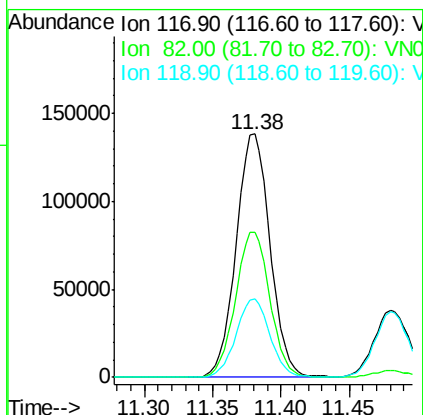
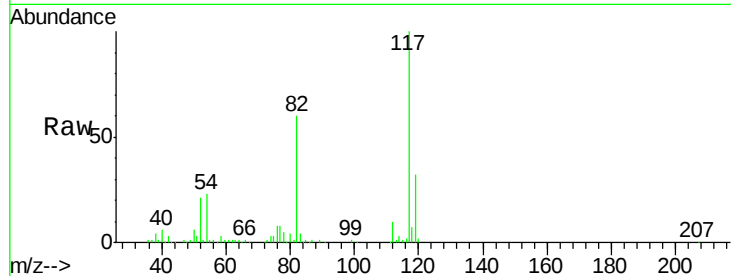




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

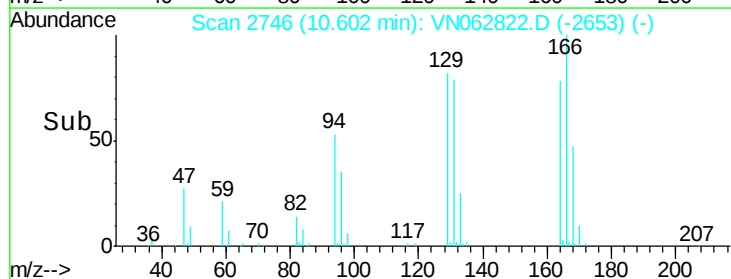
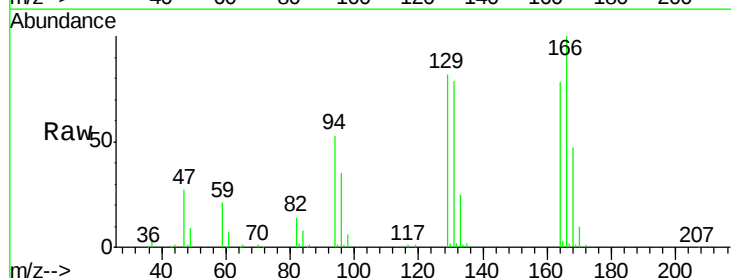
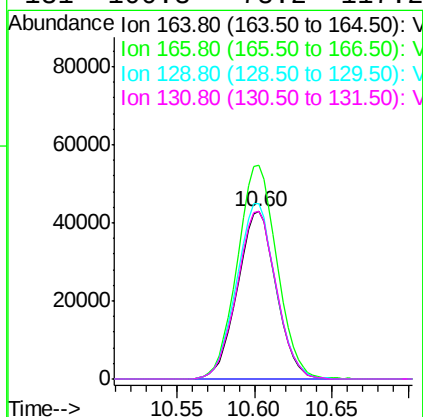
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

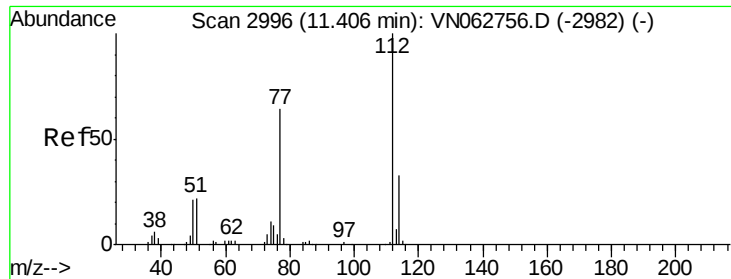
Tgt Ion:117 Resp: 239194
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.4
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 48.388 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion:164 Resp: 74677
Ion Ratio Lower Upper
164 100
166 127.6 103.8 155.8
129 104.7 82.7 124.1
131 100.3 78.2 117.2





#65

Chlorobenzene

Concen: 49.811 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

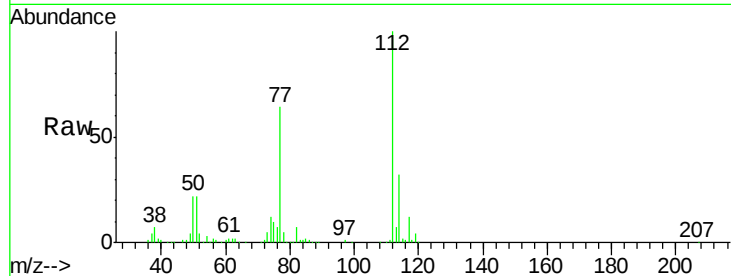
VSTDCCC050

Tgt Ion:112 Resp: 249060

Ion Ratio Lower Upper

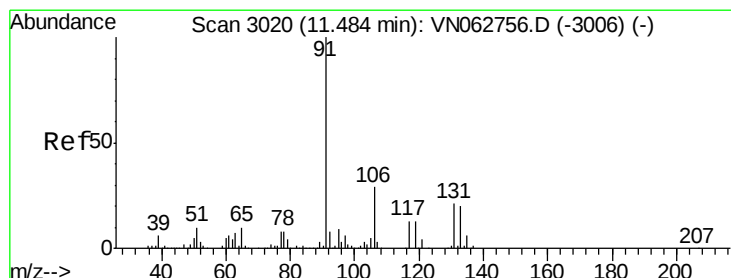
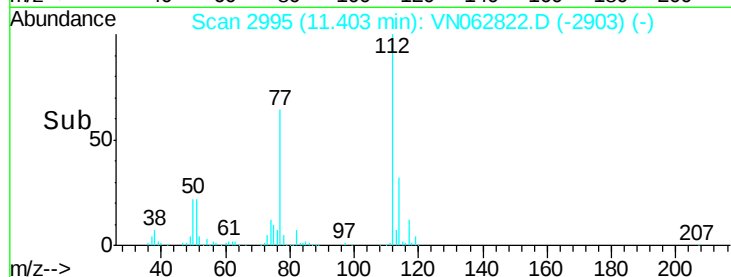
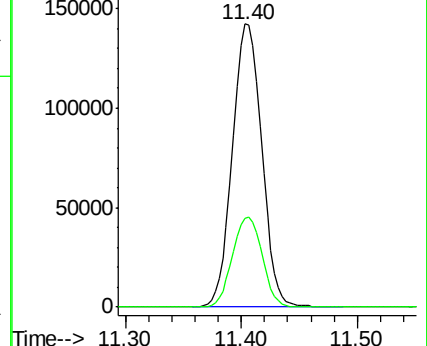
112 100

114 31.5 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.097 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

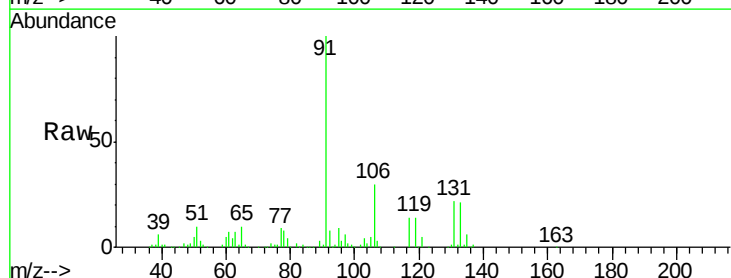
Tgt Ion:131 Resp: 100590

Ion Ratio Lower Upper

131 100

133 97.6 48.6 145.8

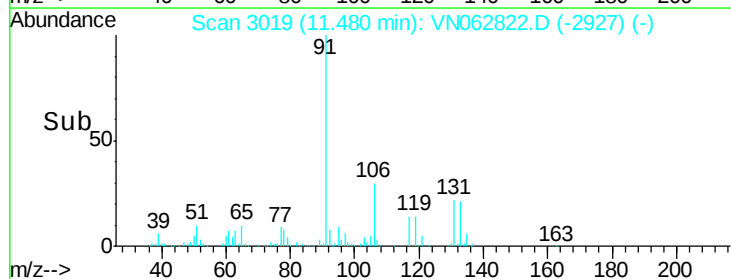
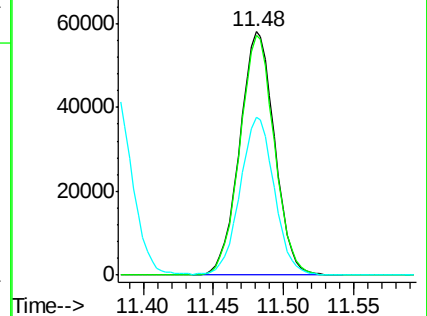
119 63.7 32.2 96.6

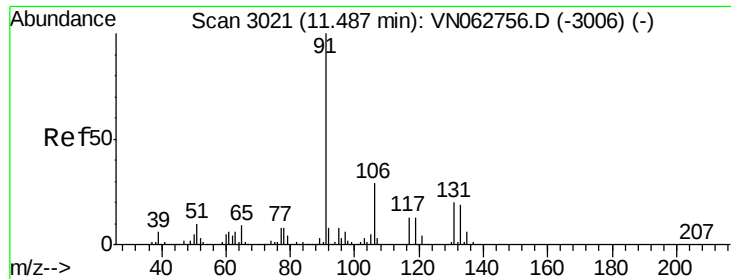


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

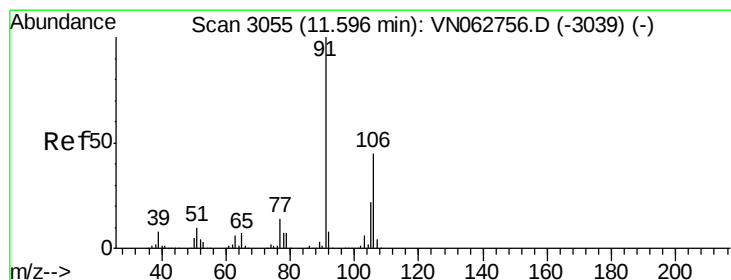
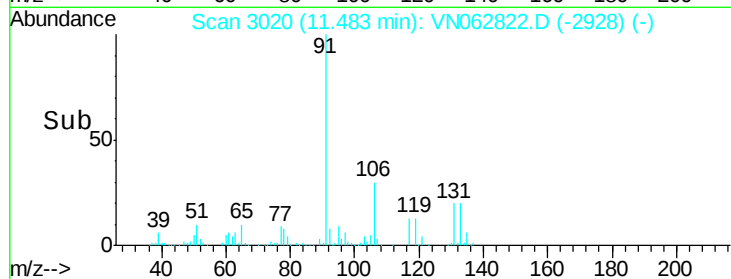
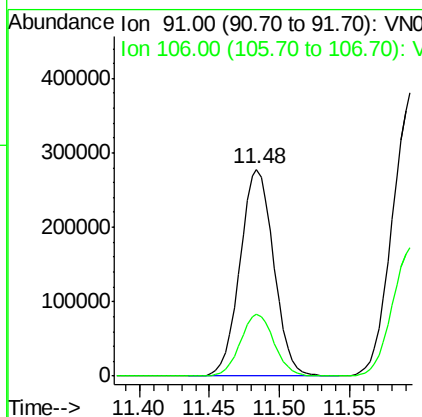
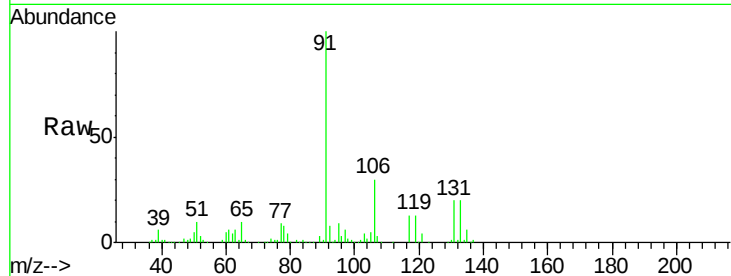




#67
Ethyl Benzene
Concen: 52.128 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

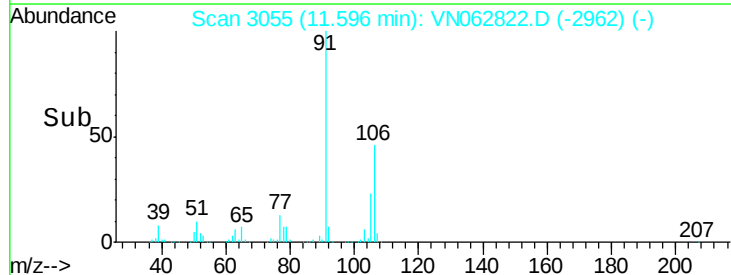
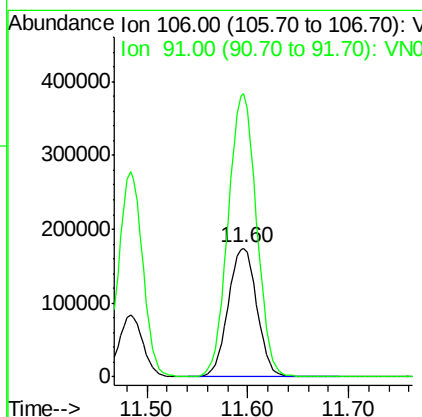
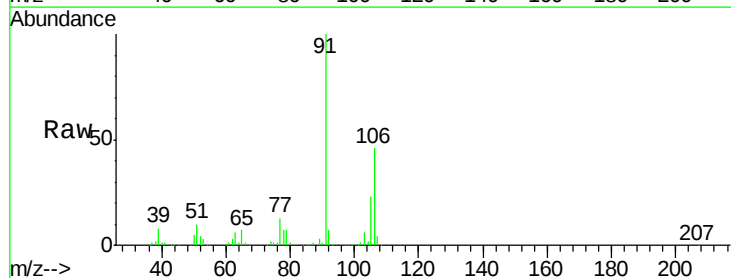
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

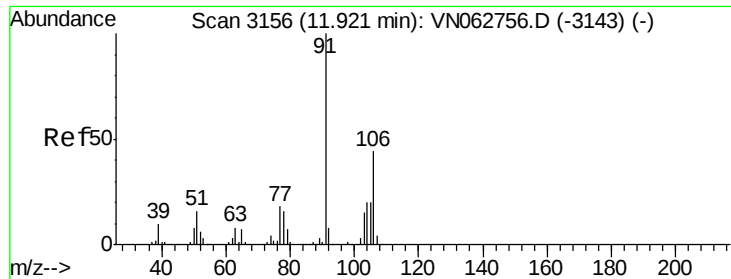
Tgt Ion: 91 Resp: 466417
Ion Ratio Lower Upper
91 100
106 29.9 23.2 34.8



#68
m/p-Xylenes
Concen: 106.624 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion: 106 Resp: 346310
Ion Ratio Lower Upper
106 100
91 216.8 175.9 263.9

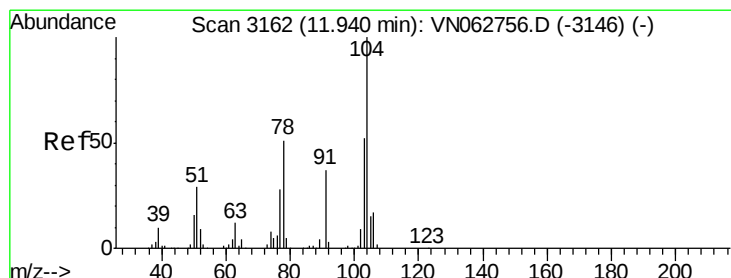
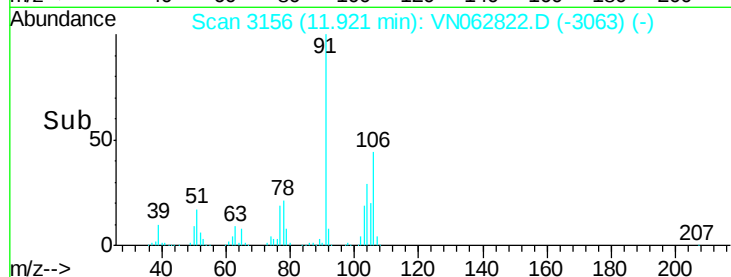
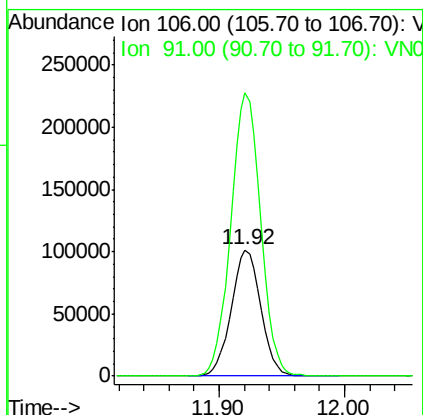
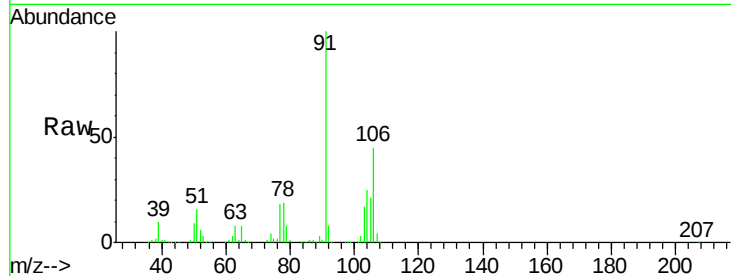




#69
o-Xylene
Concen: 54.420 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

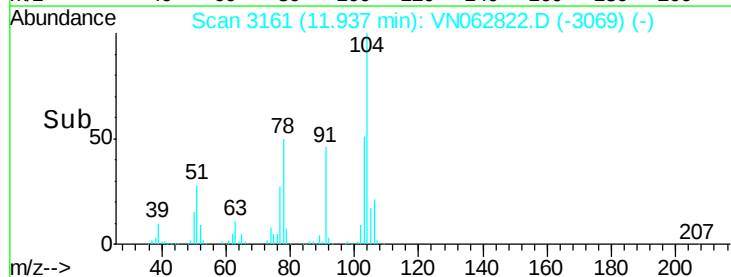
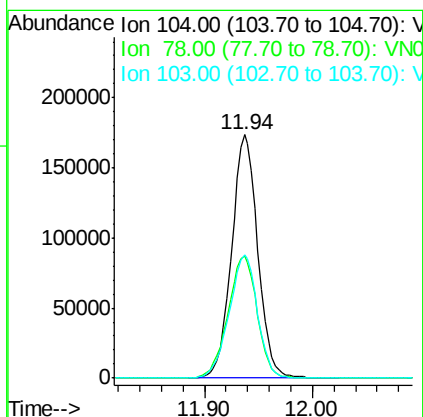
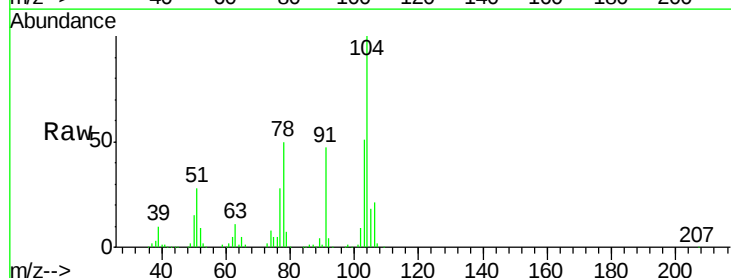
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

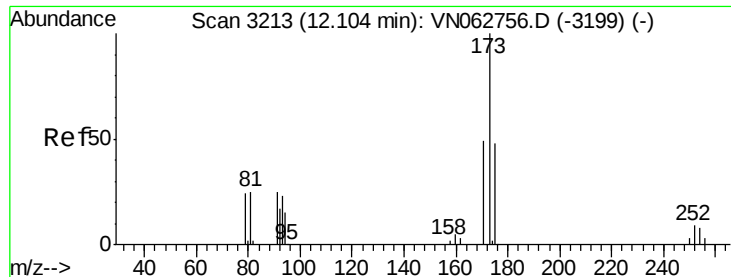
Tgt Ion:106 Resp: 165644
Ion Ratio Lower Upper
106 100
91 226.9 115.8 347.4



#70
Styrene
Concen: 54.879 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion:104 Resp: 293617
Ion Ratio Lower Upper
104 100
78 55.9 45.9 68.9
103 54.8 45.1 67.7





#71

Bromoform

Concen: 49.292 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

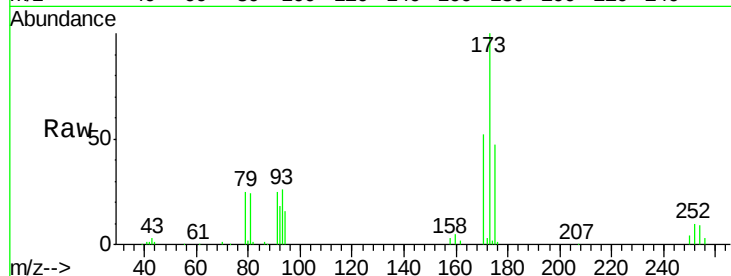
Tgt Ion:173 Resp: 80980

Ion Ratio Lower Upper

173 100

175 47.7 24.0 72.0

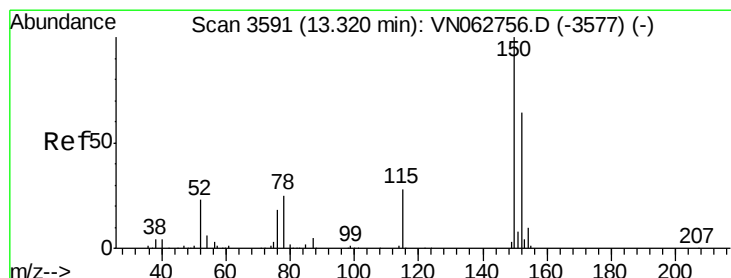
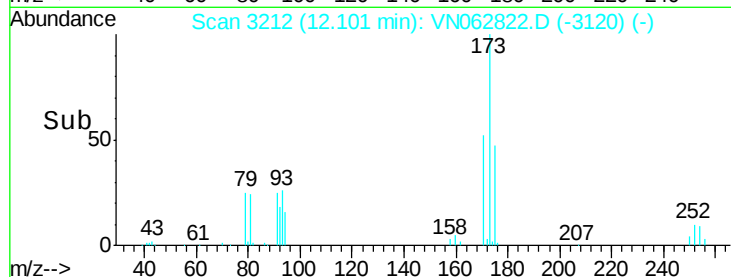
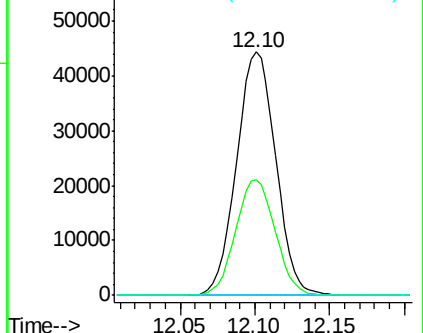
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

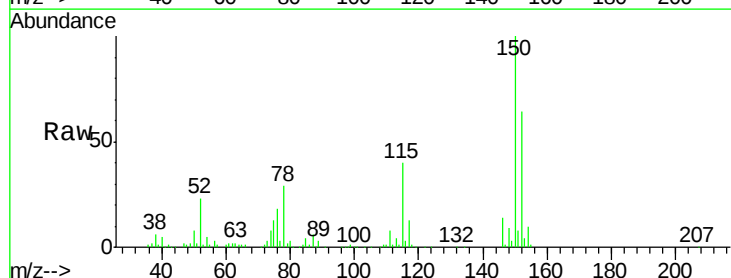
Tgt Ion:152 Resp: 121986

Ion Ratio Lower Upper

152 100

115 64.0 31.6 94.8

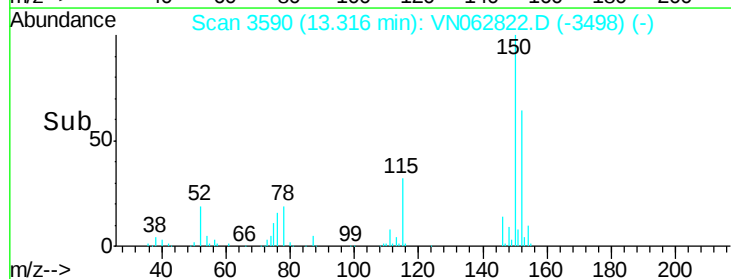
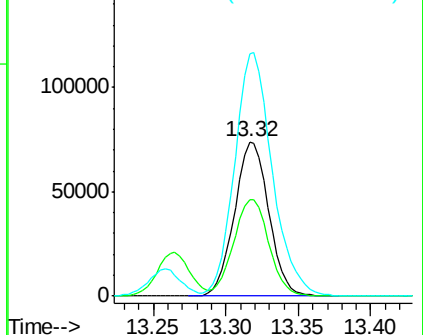
150 173.4 0.0 349.2

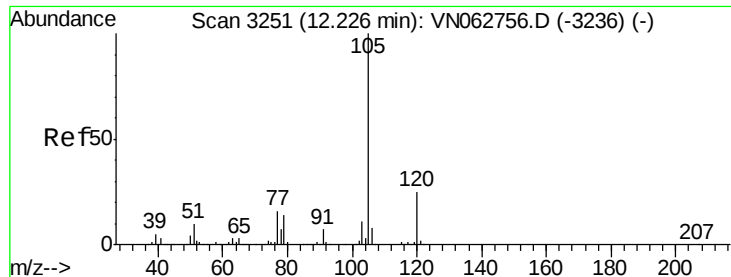


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.330 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

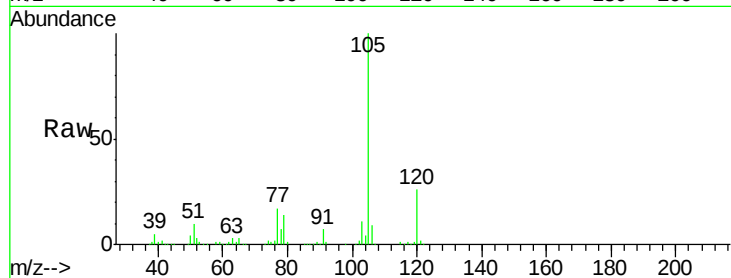
VSTDCCC050

Tgt Ion:105 Resp: 471492

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

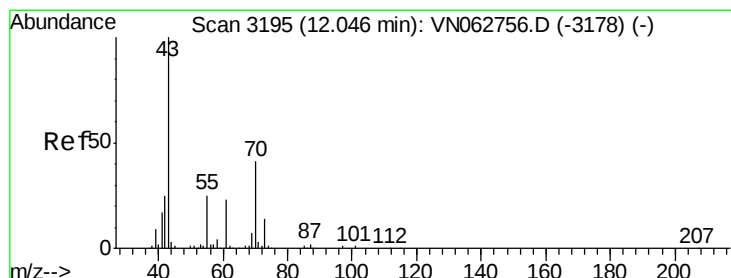
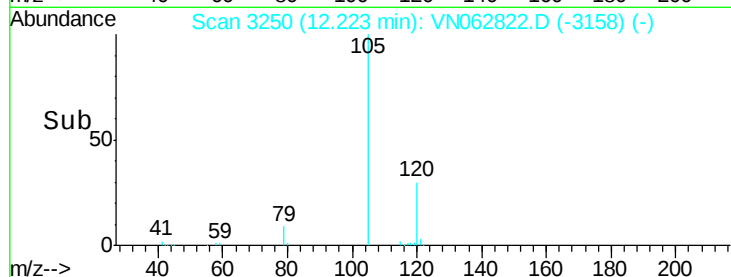
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.415 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Tgt Ion: 43 Resp: 180219

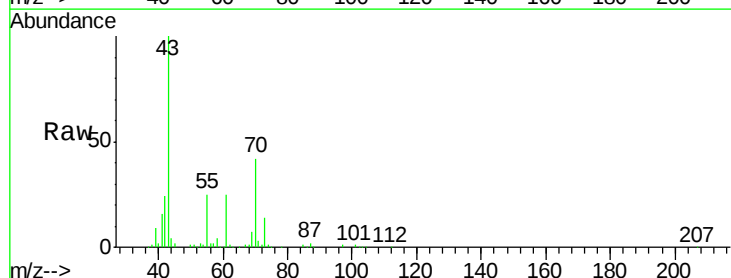
Ion Ratio Lower Upper

43 100

70 41.8 32.3 48.5

55 25.1 20.2 30.2

61 24.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

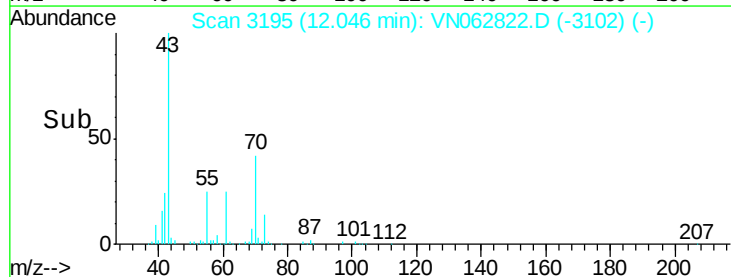
150000

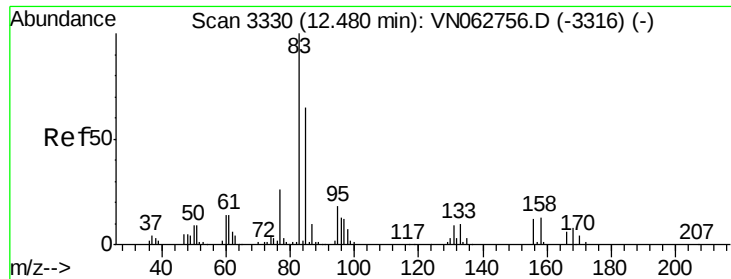
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.445 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

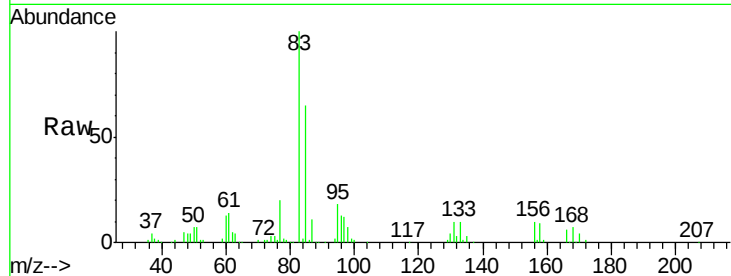
Tgt Ion: 83 Resp: 143715

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

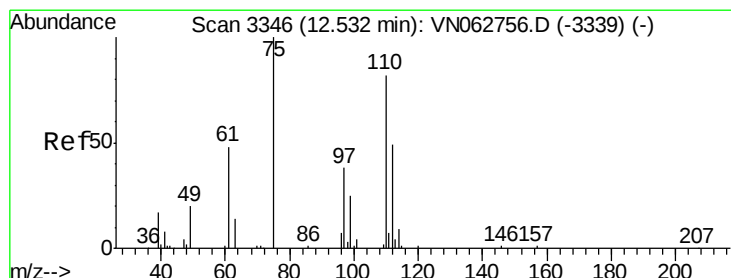
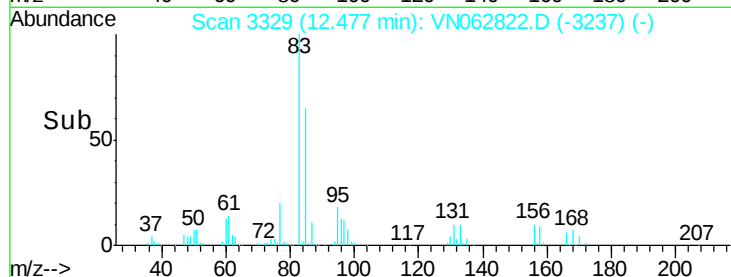
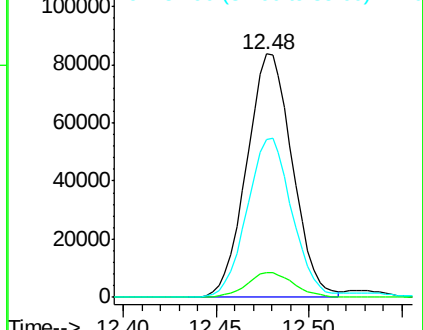
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 60.848 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062822.D

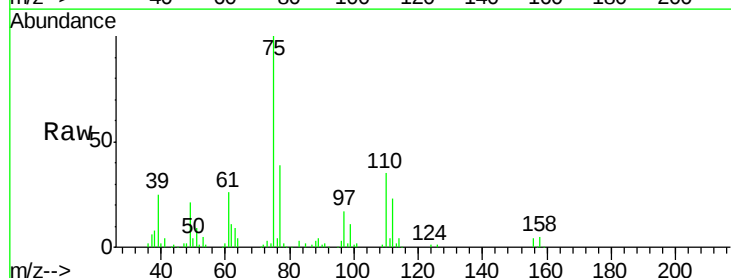
Acq: 11 Aug 2020 11:38

Tgt Ion: 75 Resp: 200179

Ion Ratio Lower Upper

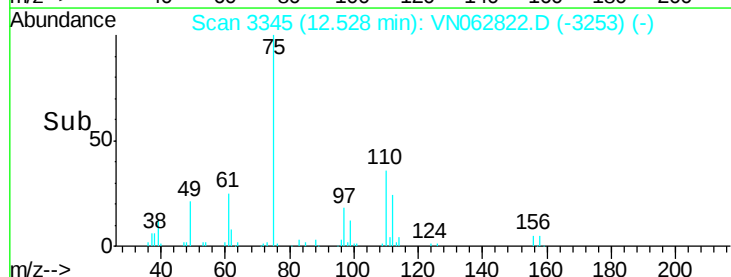
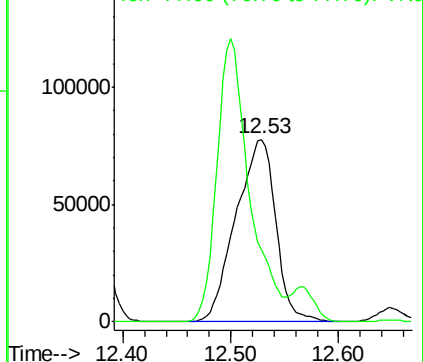
75 100

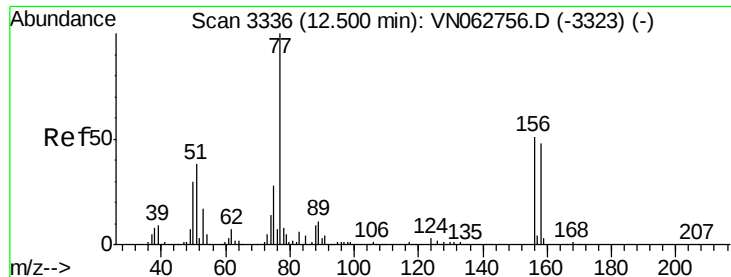
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.387 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

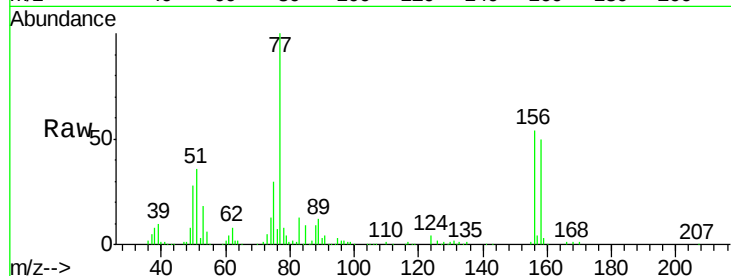
Tgt Ion:156 Resp: 110434

Ion Ratio Lower Upper

156 100

77 229.1 119.7 359.1

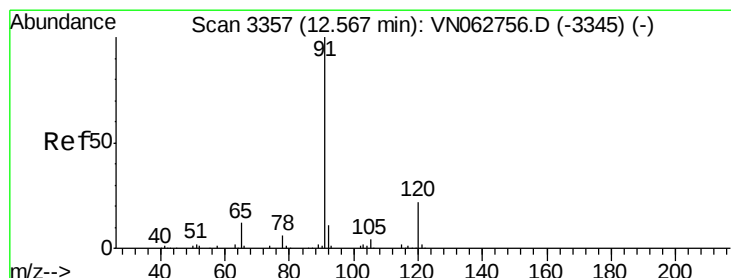
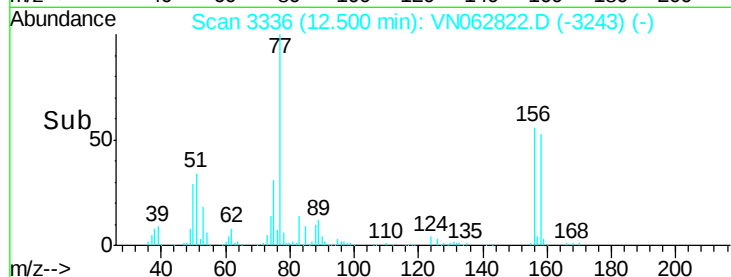
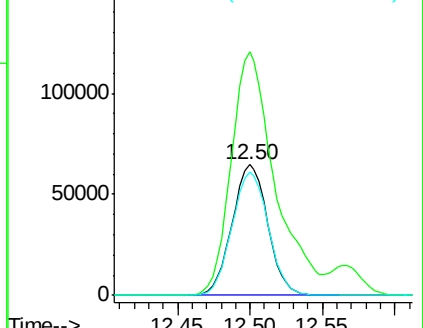
158 96.3 48.1 144.3



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: 51.571 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062822.D

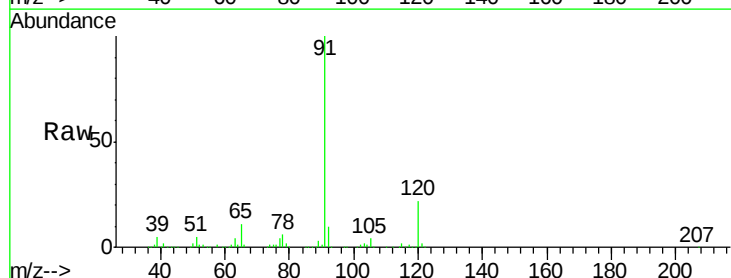
Acq: 11 Aug 2020 11:38

Tgt Ion: 91 Resp: 556063

Ion Ratio Lower Upper

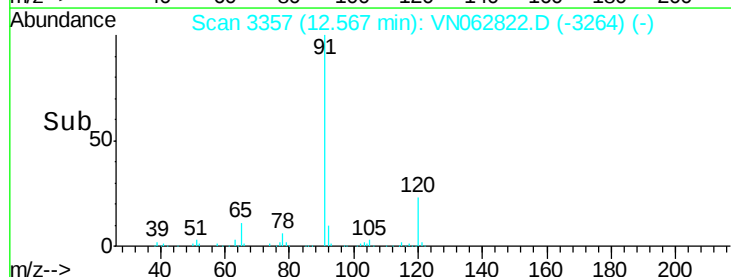
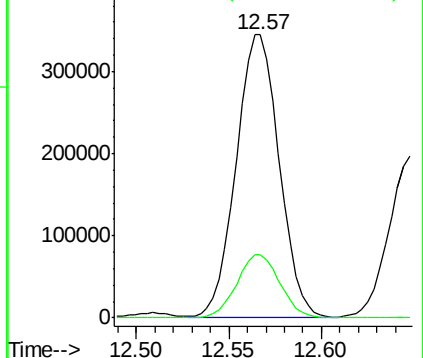
91 100

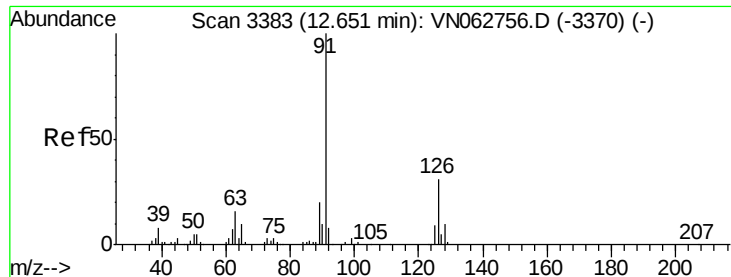
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.394 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

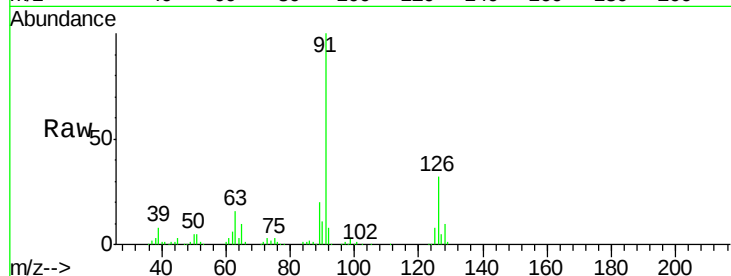
VSTDCCC050

Tgt Ion: 91 Resp: 333980

Ion Ratio Lower Upper

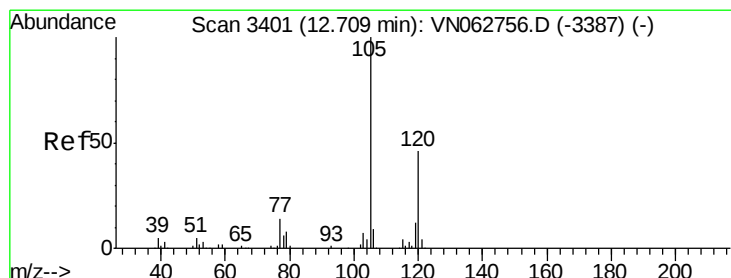
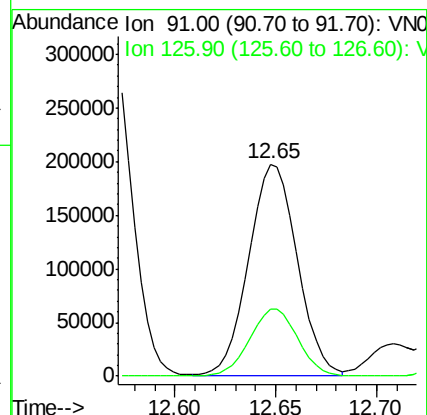
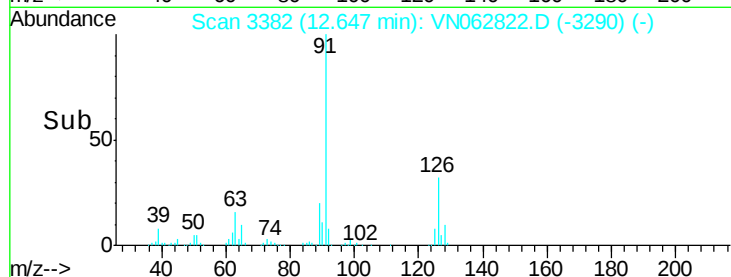
91 100

126 31.6 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062822.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN062822.D (-3290) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.108 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062822.D

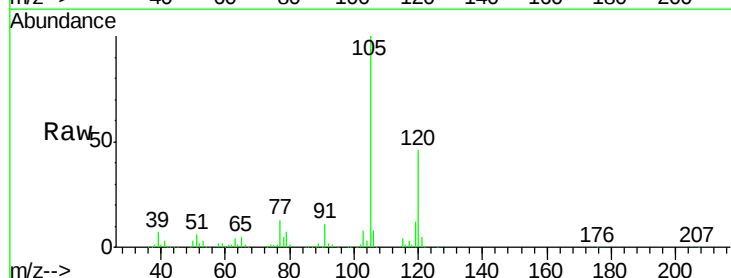
Acq: 11 Aug 2020 11:38

Tgt Ion: 105 Resp: 423212

Ion Ratio Lower Upper

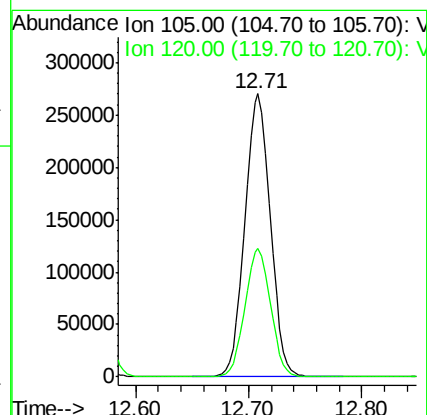
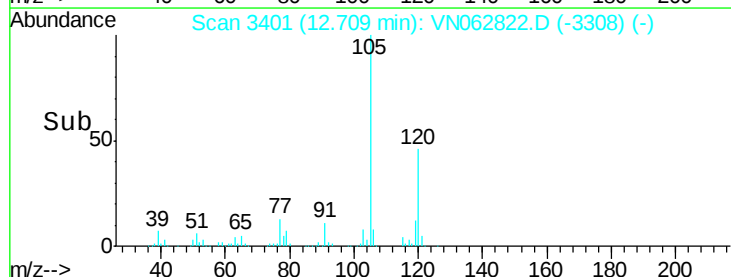
105 100

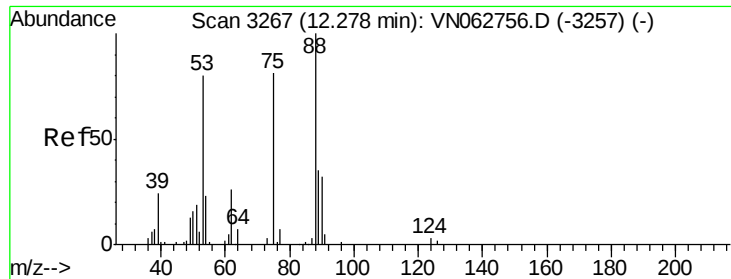
120 45.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062822.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062822.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.794 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

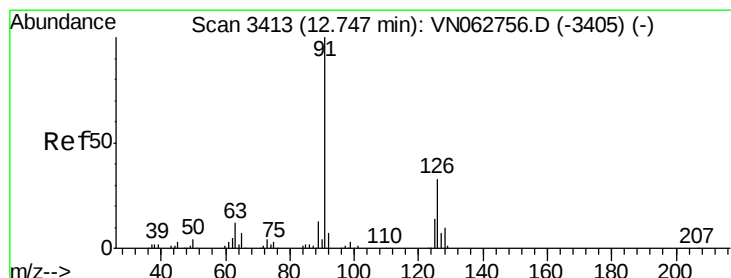
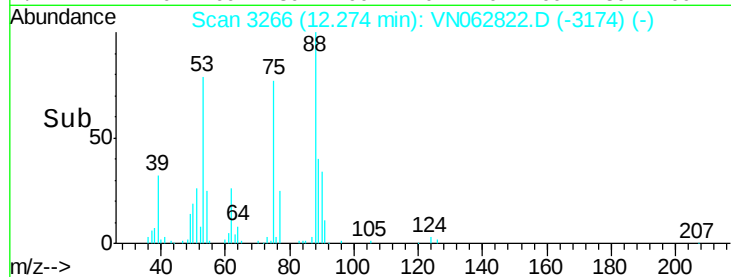
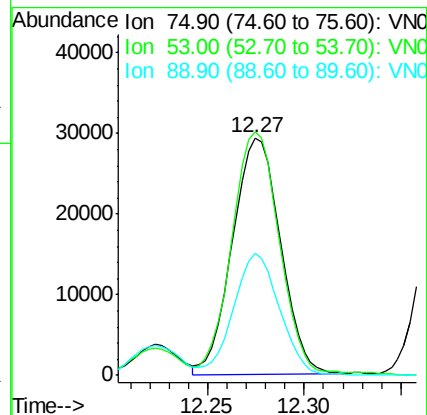
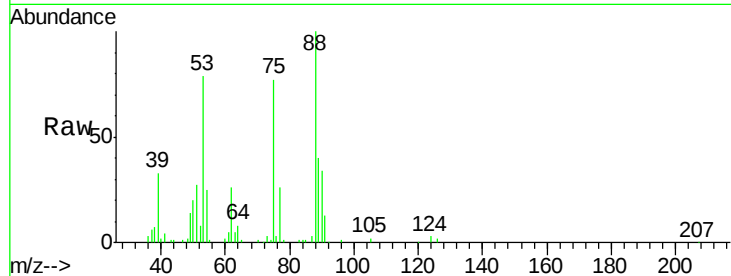
Tgt Ion: 75 Resp: 50429

Ion Ratio Lower Upper

75 100

53 101.2 79.1 118.7

89 49.6 36.2 54.2



#82

4-Chlorotoluene

Concen: 50.801 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062822.D

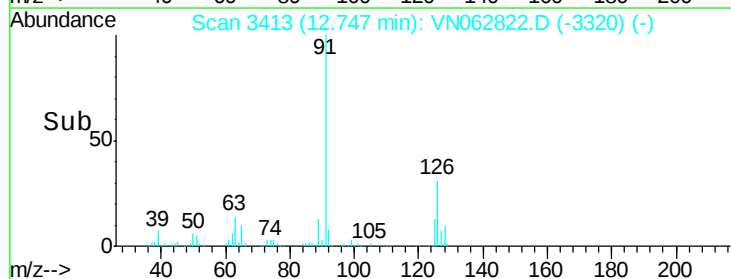
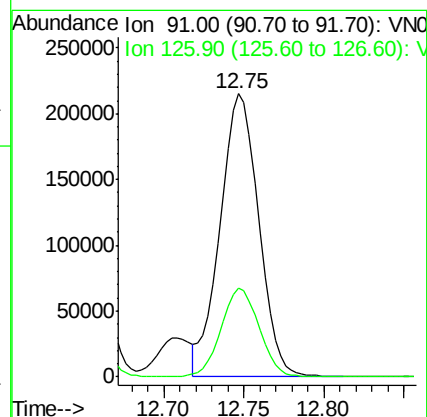
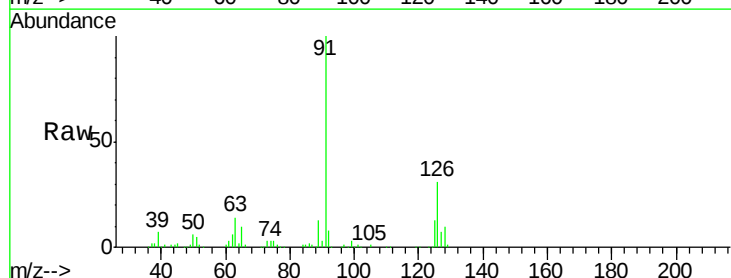
Acq: 11 Aug 2020 11:38

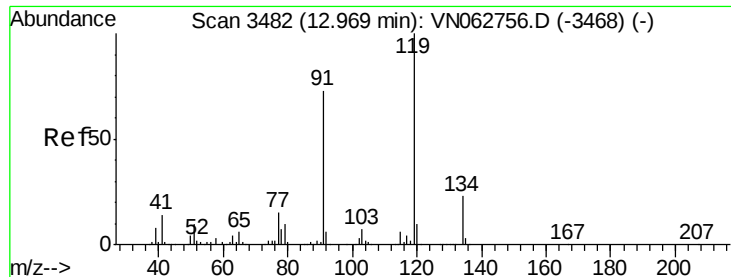
Tgt Ion: 91 Resp: 353976

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9

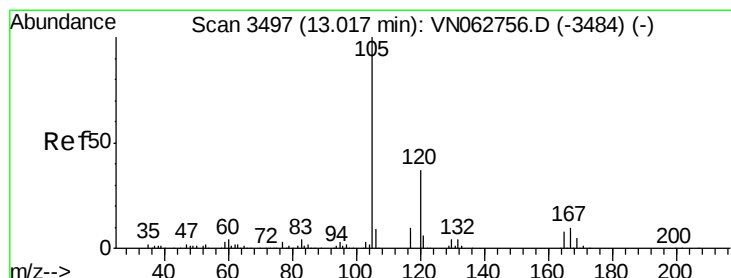
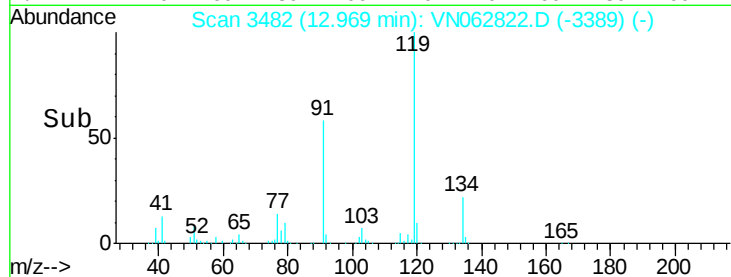
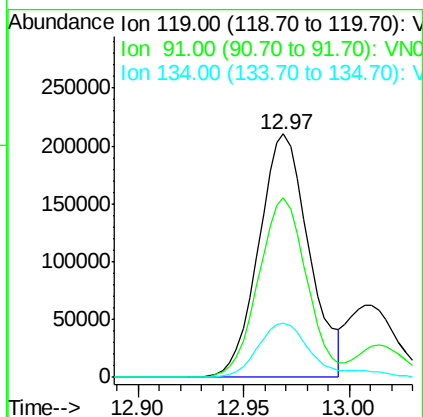
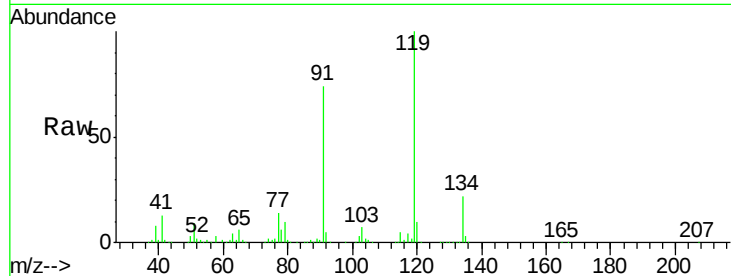




#83
 tert-Butylbenzene
 Concen: 51.711 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

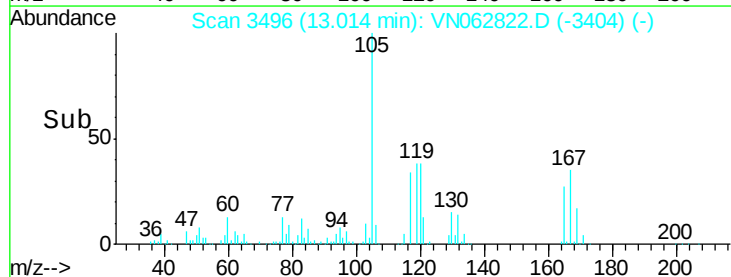
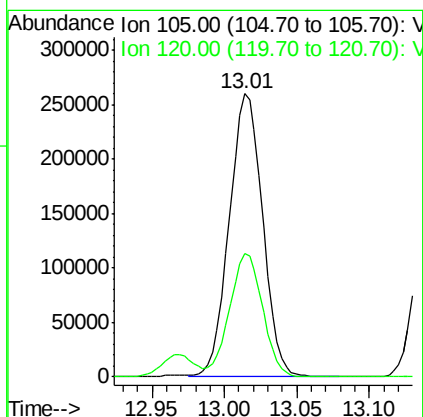
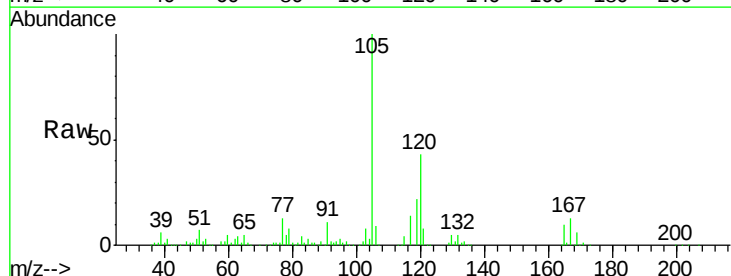
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

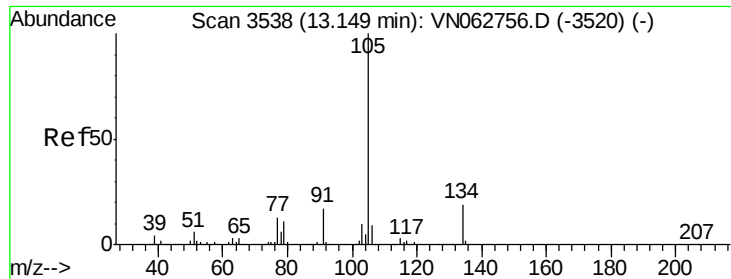
Tgt Ion:119 Resp: 348691
 Ion Ratio Lower Upper
 119 100
 91 71.2 36.5 109.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 54.355 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion:105 Resp: 414384
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.4 64.2

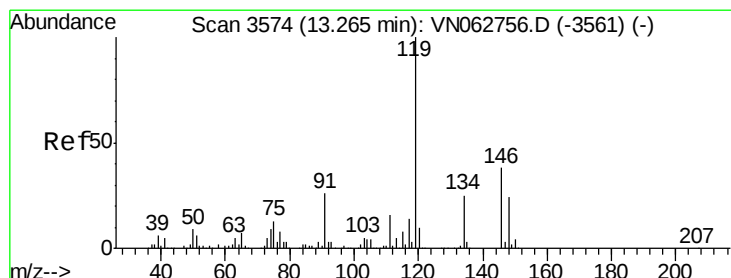
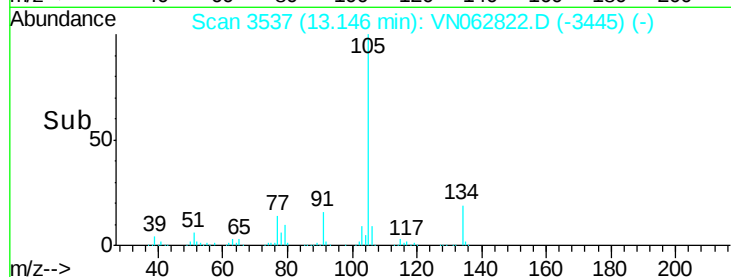
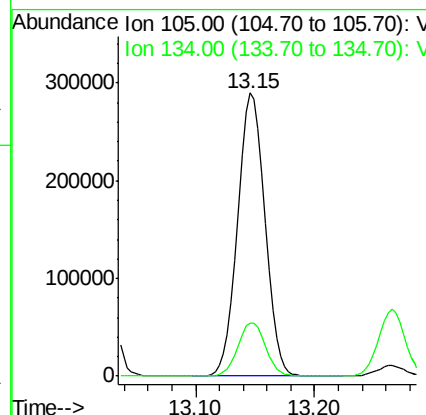
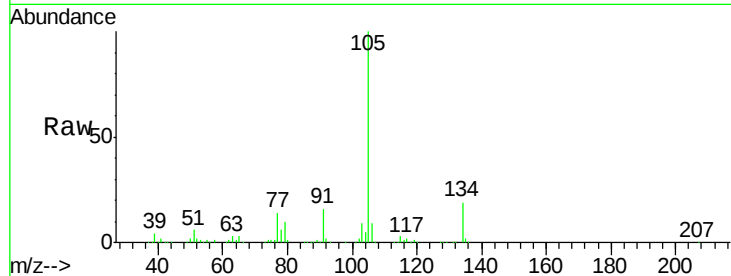




#85
 sec-Butylbenzene
 Concen: 52.072 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

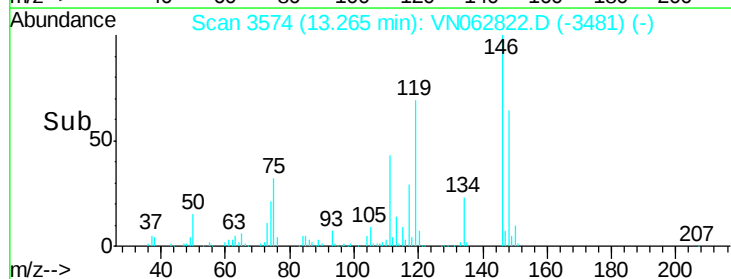
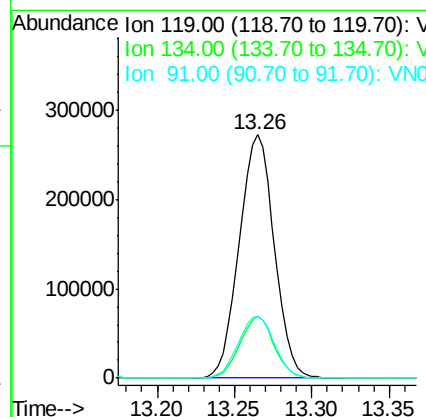
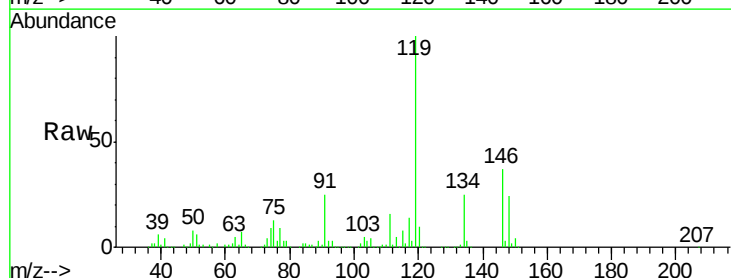
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

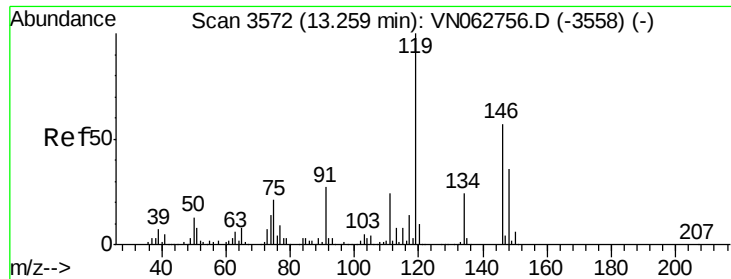
Tgt Ion:105 Resp: 461088
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.363 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion:119 Resp: 427290
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.0 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 50.387 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

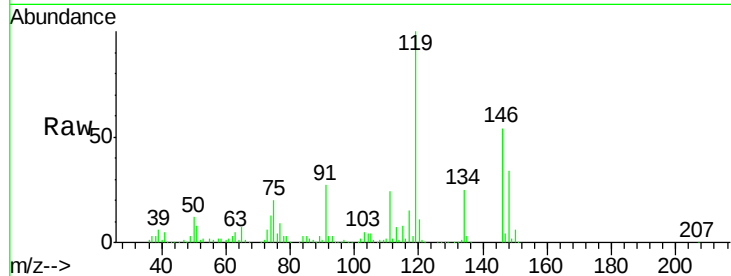
Tgt Ion:146 Resp: 205441

Ion Ratio Lower Upper

146 100

111 44.1 21.7 65.1

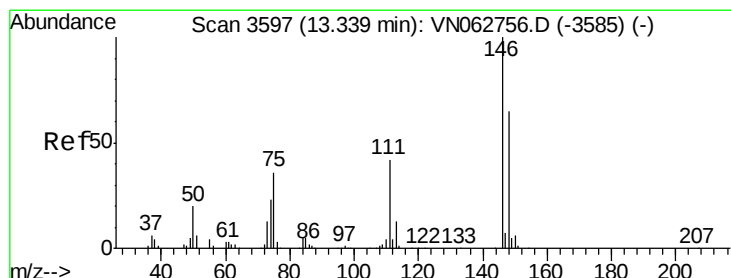
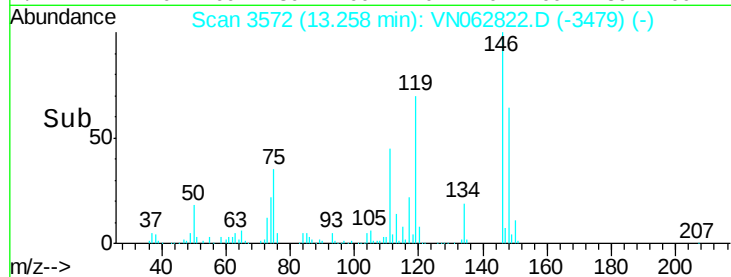
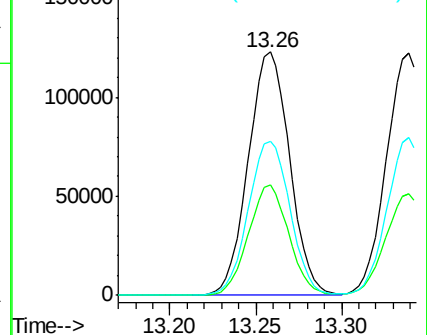
148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.997 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

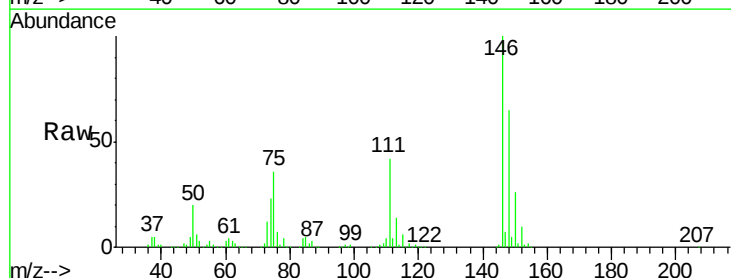
Tgt Ion:146 Resp: 204459

Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

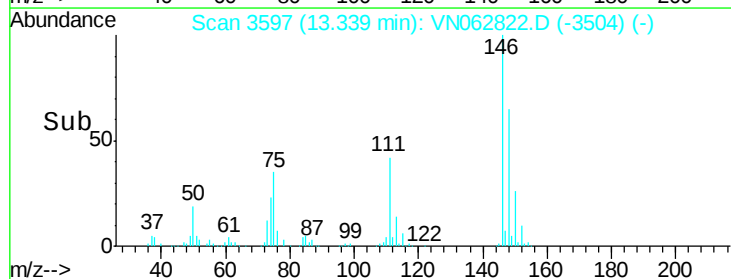
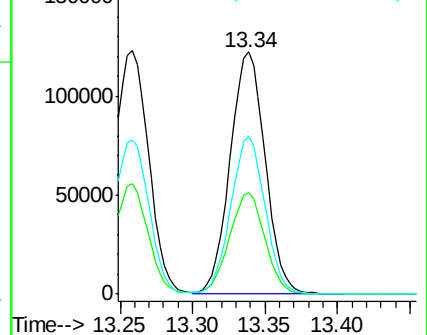
148 64.1 32.6 97.8

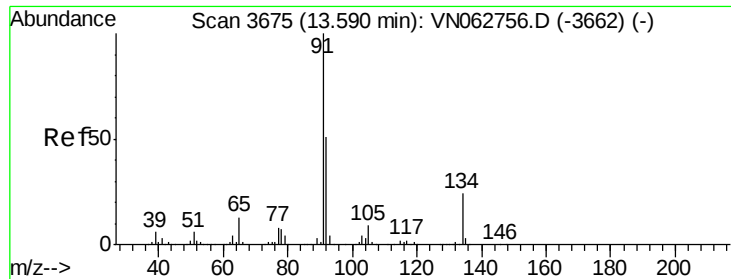


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.114 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062822.D

Acq: 11 Aug 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

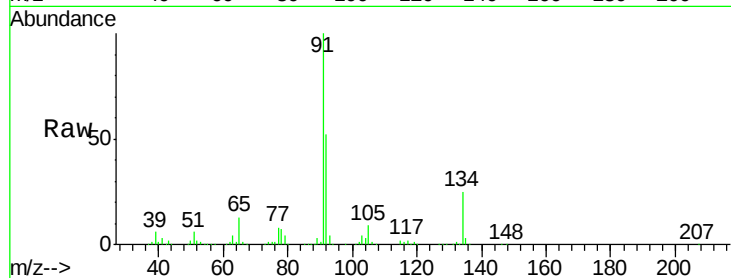
Tgt Ion: 91 Resp: 346427

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.0

134 24.7 12.2 36.6

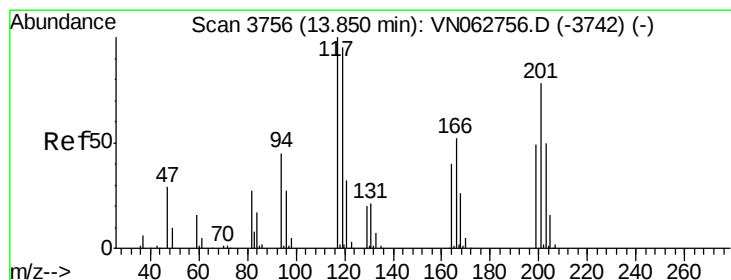
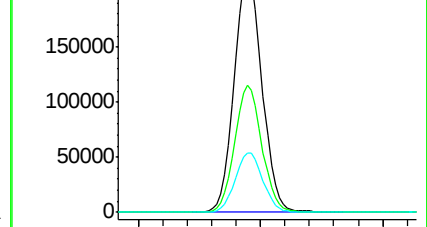
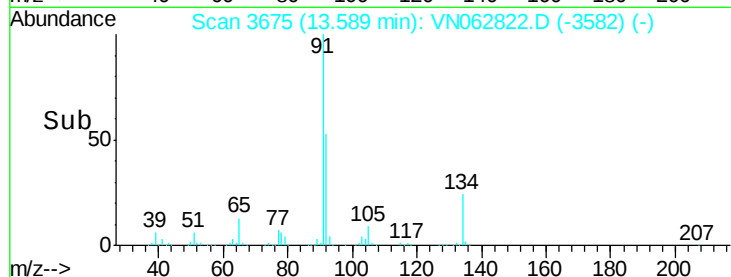


Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)

Time-->



#90

Hexachloroethane

Concen: 46.935 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062822.D

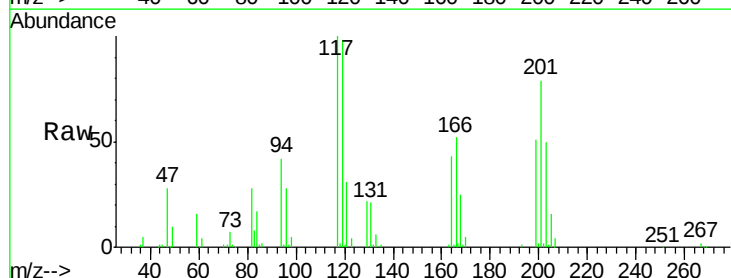
Acq: 11 Aug 2020 11:38

Tgt Ion: 117 Resp: 79518

Ion Ratio Lower Upper

117 100

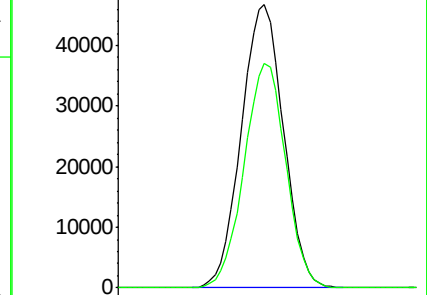
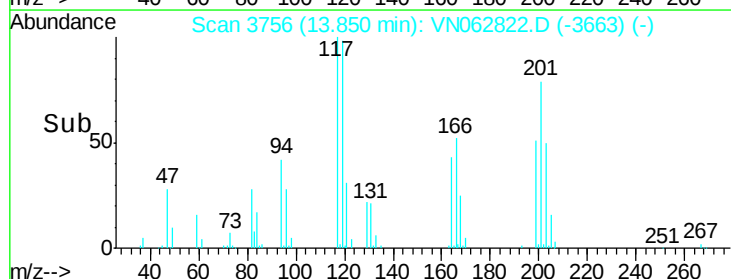
201 78.2 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)

Time-->

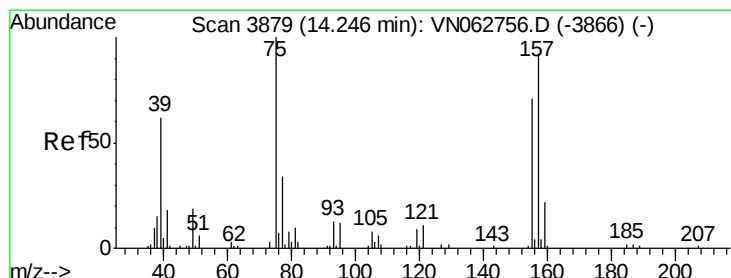
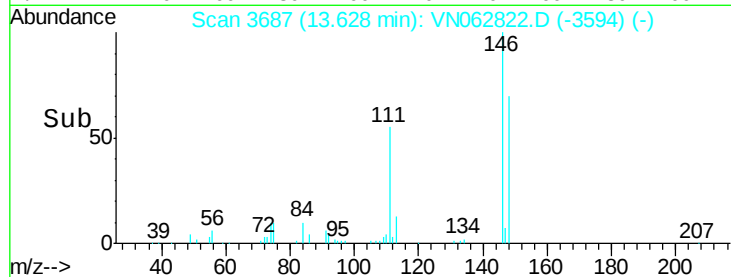
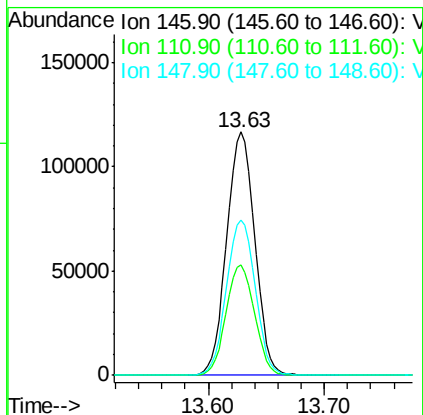
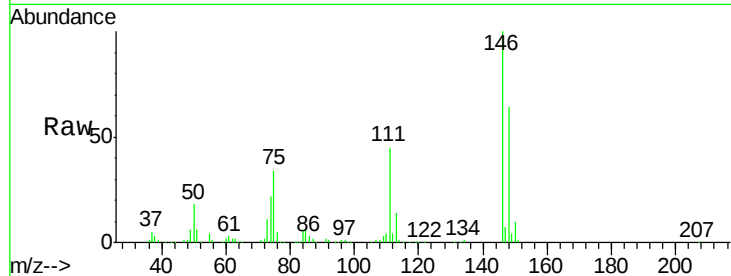




#91
 1,2-Dichlorobenzene
 Concen: 51.320 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

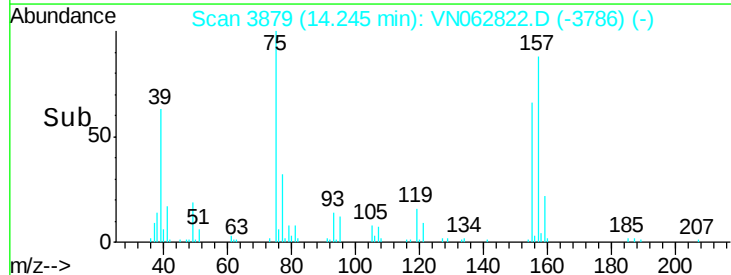
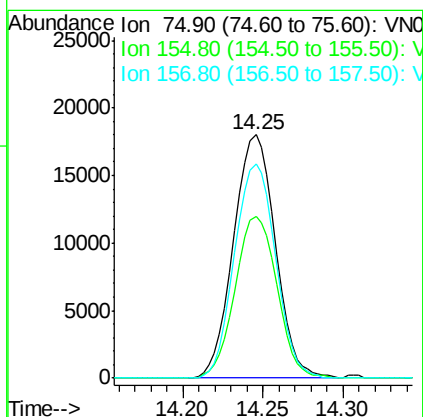
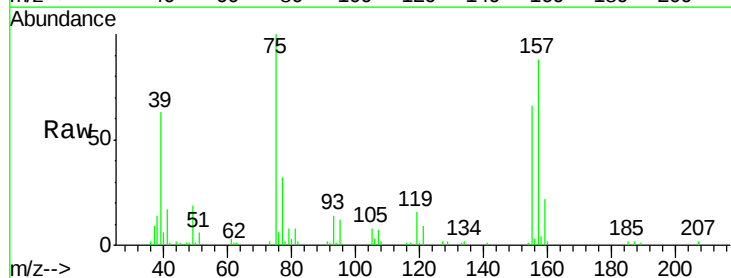
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 196170
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.8 68.4
 148 65.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.291 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion: 75 Resp: 32135
 Ion Ratio Lower Upper
 75 100
 155 66.6 35.0 105.1
 157 86.4 43.2 129.6

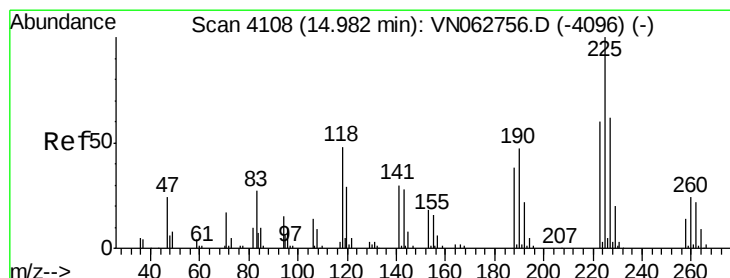
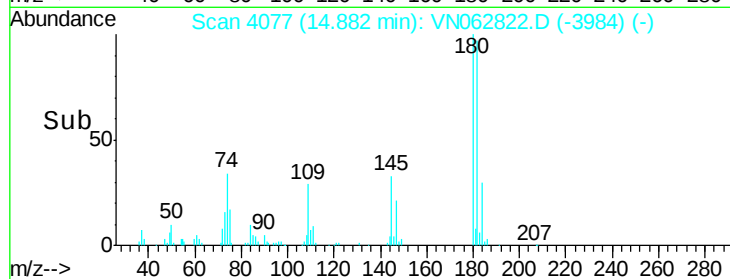
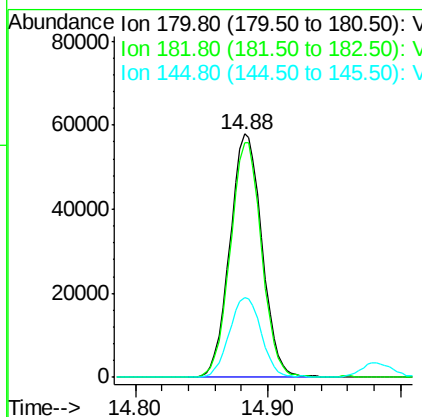
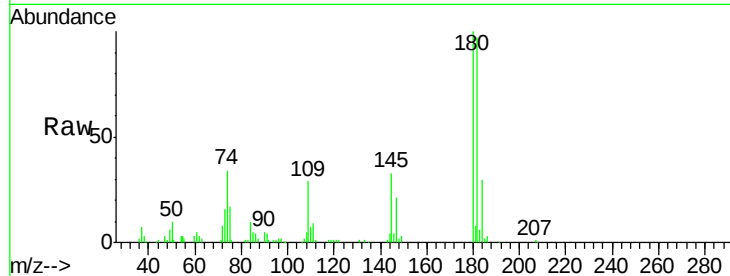




#93
 1,2,4-Trichlorobenzene
 Concen: 47.537 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

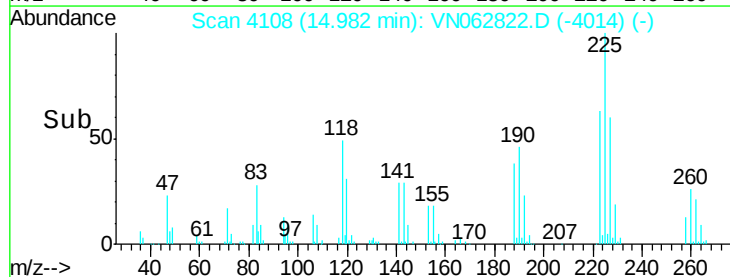
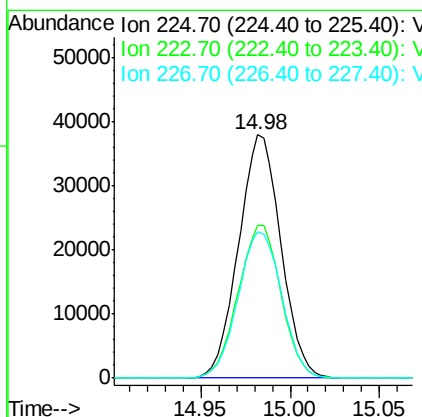
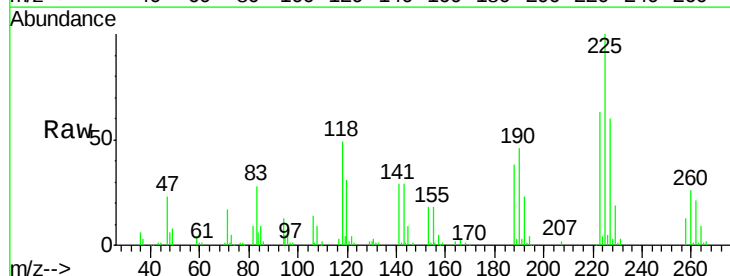
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

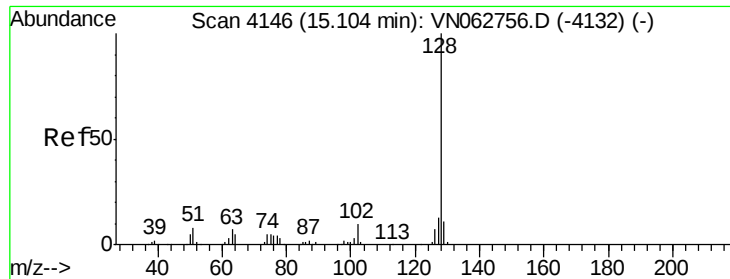
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	49.1	147.4
145	32.6	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 52.214 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062822.D
 Acq: 11 Aug 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.6	92.0
227	62.0	31.6	95.0

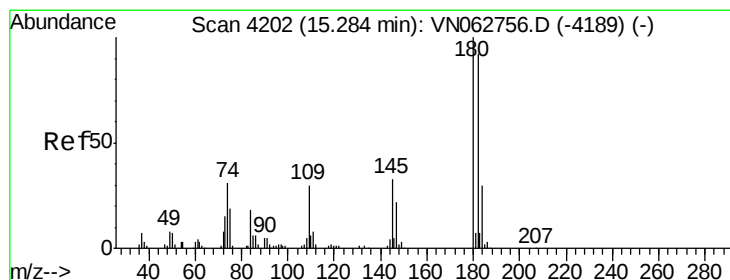
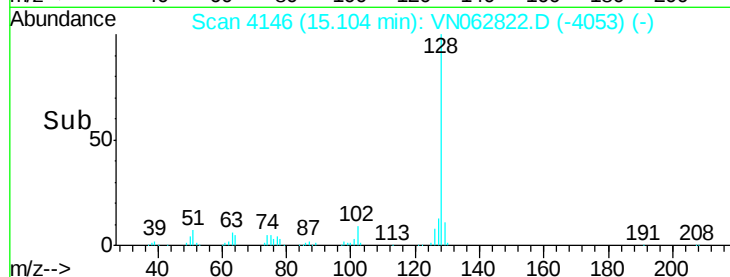
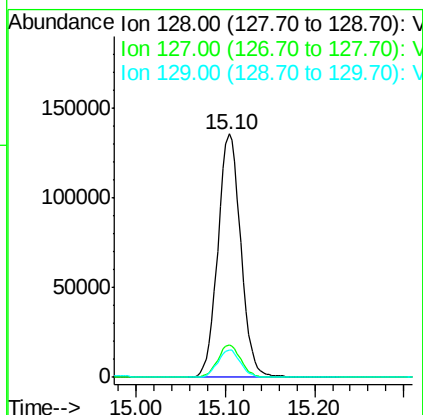
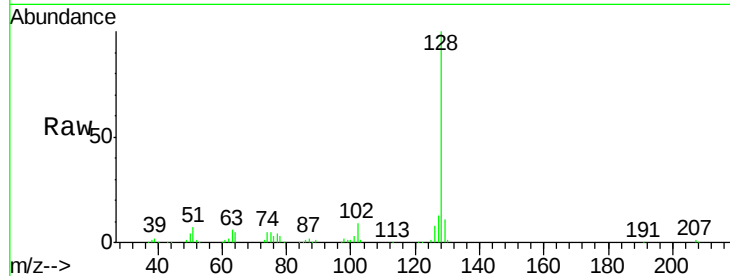




#95
Naphthalene
Concen: 43.600 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 241622
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.814 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062822.D
Acq: 11 Aug 2020 11:38

Tgt Ion:180 Resp: 96490
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 35.1 17.3 51.7

