

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062761.D
 Acq On : 6 Aug 2020 12:37
 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 07 03:03:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	128191	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	
35) Dibromofluoromethane	7.55	113	90622	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.06	98	344927	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.38	95	133781	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	134216	54.308	ug/l	98
3) Chloromethane	2.03	50	138809	59.519	ug/l	100
4) Vinyl Chloride	2.16	62	128434	58.715	ug/l	97
5) Bromomethane	2.51	94	66882	46.189	ug/l	100
6) Chloroethane	2.65	64	75739	52.631	ug/l	94
7) Trichlorofluoromethane	2.97	101	192008	49.226	ug/l	99
8) Diethyl Ether	3.37	74	54711	48.997	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83619	53.212	ug/l	96
10) Methyl Iodide	3.91	142	98425	52.062	ug/l	96
11) Tert butyl alcohol	4.74	59	107971	230.817	ug/l	99
12) 1,1-Dichloroethene	3.69	96	76651	52.202	ug/l	95
13) Acrolein	3.56	56	58697	207.246	ug/l	98
14) Allyl chloride	4.27	41	147814	48.918	ug/l	97
15) Acrylonitrile	4.93	53	275788	254.192	ug/l	99
16) Acetone	3.78	43	237959	230.740	ug/l	98
17) Carbon Disulfide	4.00	76	209057	50.099	ug/l	98
18) Methyl Acetate	4.28	43	127402	52.283	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	332004	49.651	ug/l	99
20) Methylene Chloride	4.50	84	96216	50.996	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	81719	47.315	ug/l	94
22) Diisopropyl ether	5.90	45	335779	52.200	ug/l	96
23) Vinyl Acetate	5.84	43	1190749	243.374	ug/l	100
24) 1,1-Dichloroethane	5.80	63	177157	46.996	ug/l	100
25) 2-Butanone	6.79	43	364272	249.396	ug/l	98
26) 2,2-Dichloropropane	6.77	77	139105	40.033	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	101245	48.867	ug/l	94
28) Bromochloromethane	7.15	49	88831	48.827	ug/l	99
29) Tetrahydrofuran	7.17	42	241230	254.216	ug/l	98
30) Chloroform	7.33	83	189466	47.294	ug/l	99
31) Cyclohexane	7.61	56	174027	50.292	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	167373	46.729	ug/l	99
36) 1,1-Dichloropropene	7.75	75	128124	48.840	ug/l	97
37) Ethyl Acetate	6.88	43	135099	49.300	ug/l	98
38) Carbon Tetrachloride	7.73	117	143318	46.192	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062761.D
 Acq On : 6 Aug 2020 12:37
 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 07 03:03:22 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)
39) Methylcyclohexane	9.05	83	167754	53.136	ug/l	99
40) Benzene	8.00	78	384108	49.067	ug/l	99
41) Methacrylonitrile	7.16	41	220117	178.006	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	156996	47.120	ug/l	100
43) Isopropyl Acetate	8.13	43	227684	49.812	ug/l #	91
44) Trichloroethene	8.80	130	93459	49.003	ug/l	99
45) 1,2-Dichloropropane	9.08	63	108245	51.090	ug/l	98
46) Dibromomethane	9.18	93	68543	49.375	ug/l	99
47) Bromodichloromethane	9.37	83	154996	49.713	ug/l	99
48) Methyl methacrylate	9.17	41	114867	51.092	ug/l	99
49) 1,4-Dioxane	9.17	88	42076	1010.025	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	765036	258.686	ug/l	100
52) Toluene	10.12	92	241016	49.866	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	166912	48.669	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	173050	50.257	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	100838	48.849	ug/l	97
56) Ethyl methacrylate	10.40	69	161819	52.080	ug/l	97
57) 1,3-Dichloropropane	10.68	76	171266	48.829	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	223359	254.316	ug/l	99
59) 2-Hexanone	10.72	43	570941	258.808	ug/l	100
60) Dibromochloromethane	10.87	129	115425	48.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101087	49.627	ug/l	98
64) Tetrachloroethene	10.60	164	80107	48.713	ug/l	98
65) Chlorobenzene	11.41	112	258442	48.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104949	49.053	ug/l	98
67) Ethyl Benzene	11.48	91	487248	51.107	ug/l	98
68) m/p-Xylenes	11.60	106	356390	102.978	ug/l	99
69) o-Xylene	11.92	106	173190	53.400	ug/l	98
70) Styrene	11.94	104	305480	53.585	ug/l	98
71) Bromoform	12.10	173	82823	47.313	ug/l #	97
73) Isopropylbenzene	12.23	105	484318	51.380	ug/l	100
74) N-amyl acetate	12.05	43	208306	54.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	158283	47.700	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	212862	63.051	ug/l #	100
77) Bromobenzene	12.50	156	113436	48.433	ug/l	97
78) n-propylbenzene	12.57	91	574659	51.935	ug/l	100
79) 2-Chlorotoluene	12.65	91	345620	49.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	429668	52.541	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	53667	48.527	ug/l	98
82) 4-Chlorotoluene	12.75	91	366087	51.197	ug/l	100
83) tert-Butylbenzene	12.97	119	357977	51.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	422526	54.008	ug/l	99
85) sec-Butylbenzene	13.15	105	481979	53.041	ug/l	100
86) p-Isopropyltoluene	13.26	119	439391	54.475	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	207497	49.592	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	207573	49.462	ug/l	99
89) n-Butylbenzene	13.59	91	372313	54.577	ug/l	99
90) Hexachloroethane	13.85	117	81264	46.740	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	199301	50.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35273	49.514	ug/l	98

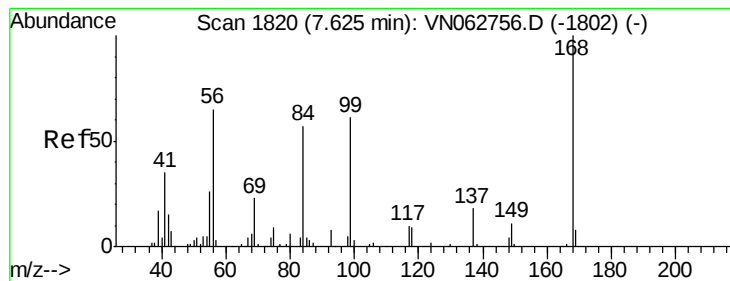
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
Data File : VN062761.D
Acq On : 6 Aug 2020 12:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Aug 07 03:03:22 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)
93) 1,2,4-Trichlorobenzene	14.88	180	100213	47.730	ug/l	97
94) Hexachlorobutadiene	14.98	225	63746	51.682	ug/l	99
95) Naphthalene	15.10	128	253416	44.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99495	48.031	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

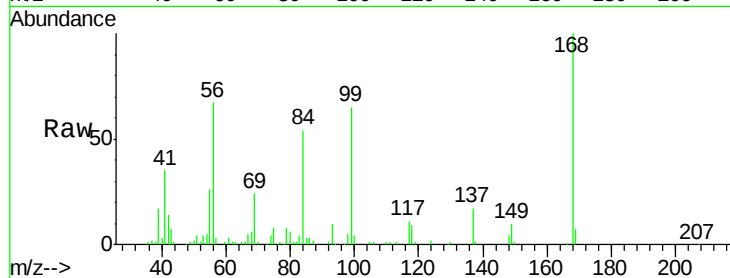
VSTDCCC050

Tot Ion:168 Resp: 172589

Ion Ratio Lower Upper

168 100

99 64.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

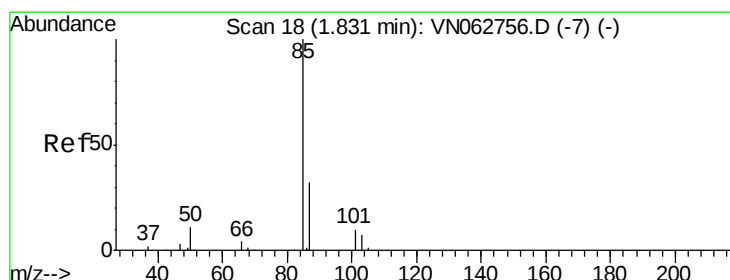
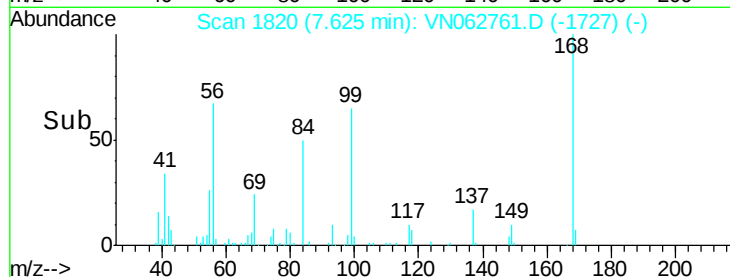
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 54.308 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062761.D

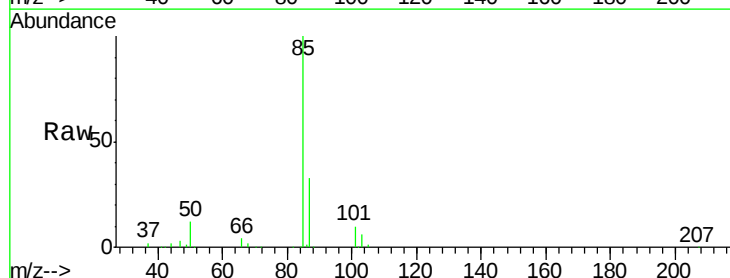
Acq: 6 Aug 2020 12:37

Tgt Ion: 85 Resp: 134216

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

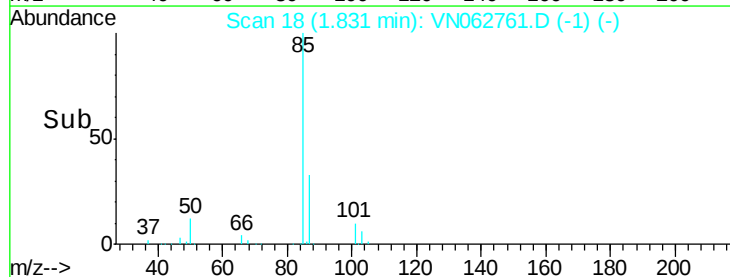
60000

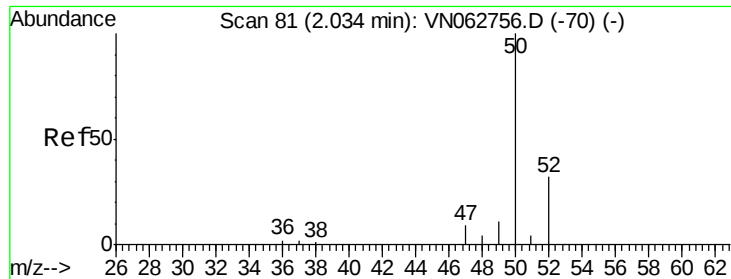
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 59.519 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

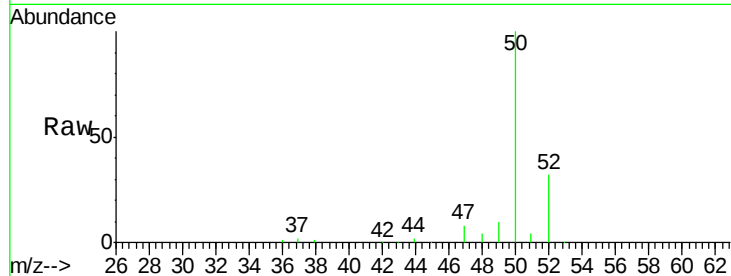
VSTDCCC050

Tot Ion: 50 Resp: 138809

Ion Ratio Lower Upper

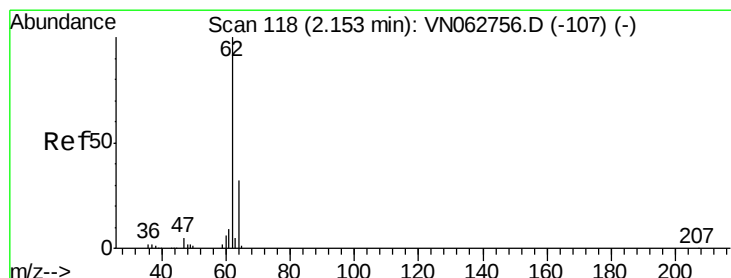
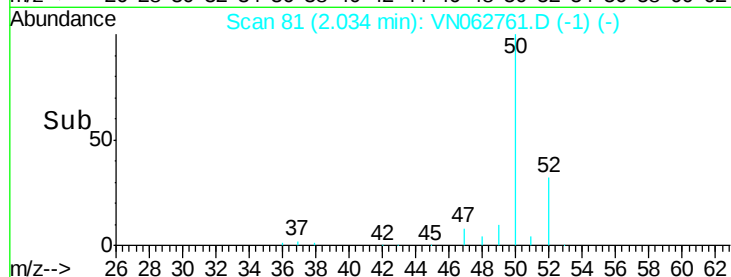
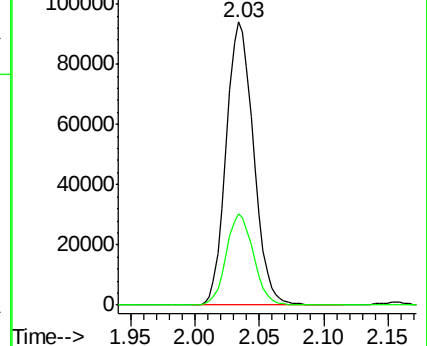
50 100

52 32.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 58.715 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062761.D

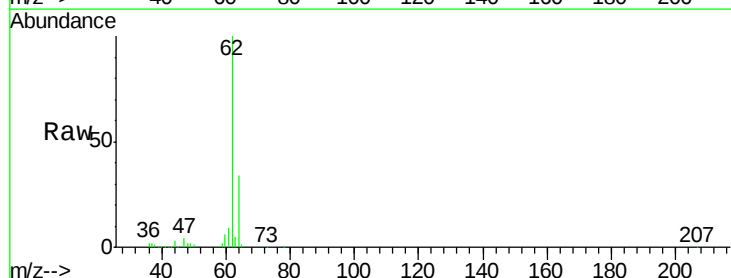
Acq: 6 Aug 2020 12:37

Tgt Ion: 62 Resp: 128434

Ion Ratio Lower Upper

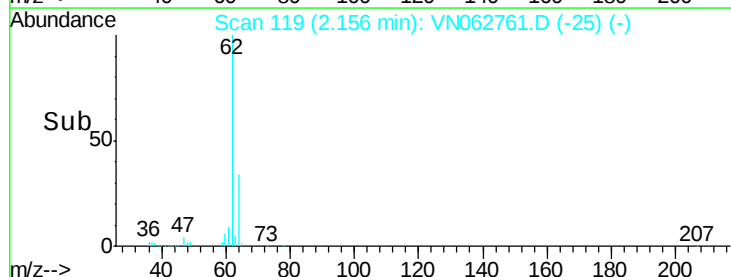
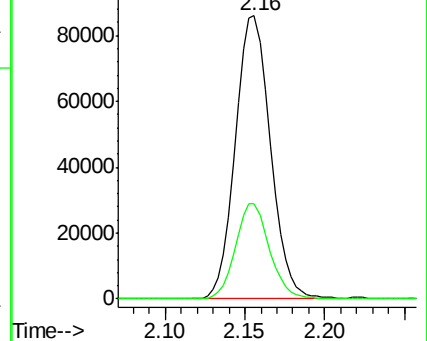
62 100

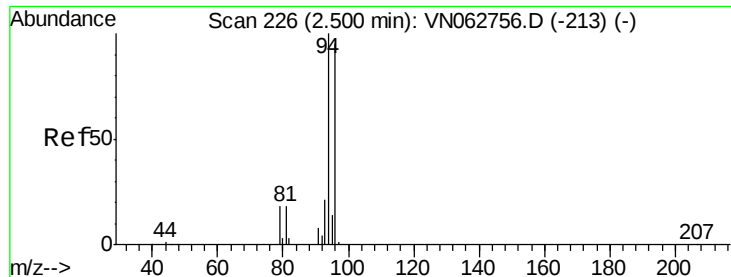
64 33.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 46.189 ug/l

RT: 2.51 min Scan# 228

Delta R.T. 0.01 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

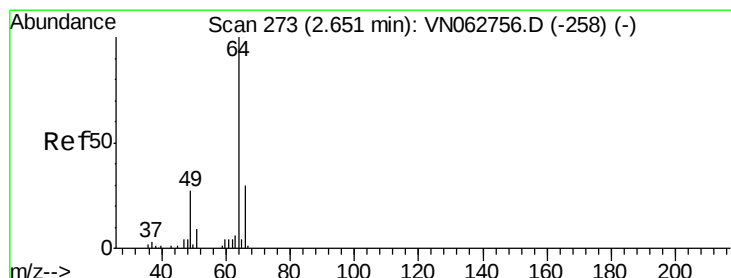
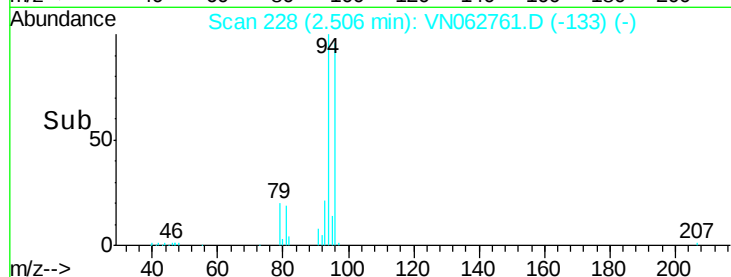
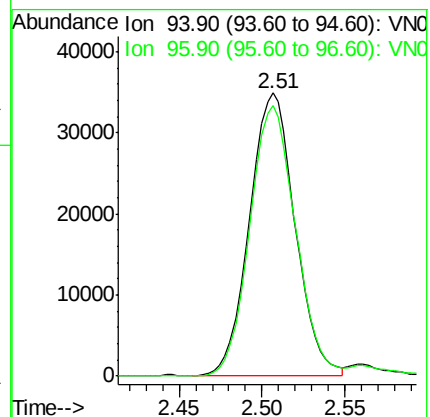
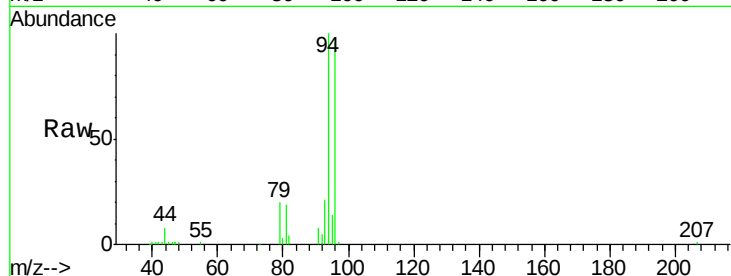
VSTDCCC050

Tot Ion: 94 Resp: 66882

Ion Ratio Lower Upper

94 100

96 95.5 76.2 114.4



#6

Chloroethane

Concen: 52.631 ug/l

RT: 2.65 min Scan# 274

Delta R.T. 0.00 min

Lab File: VN062761.D

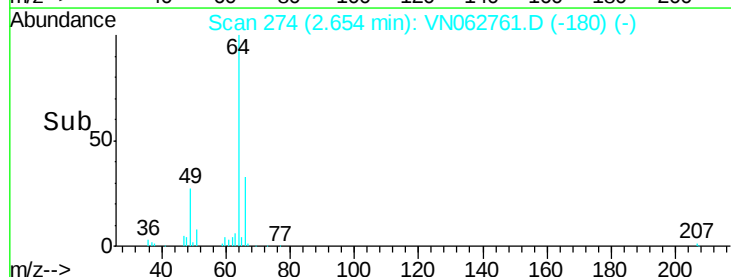
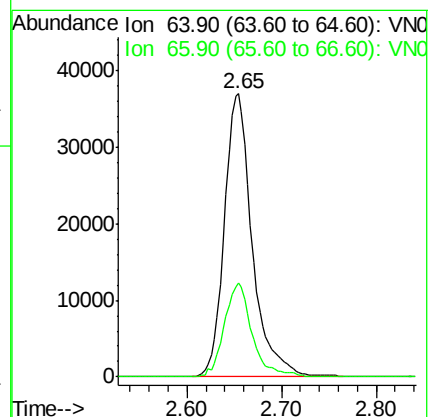
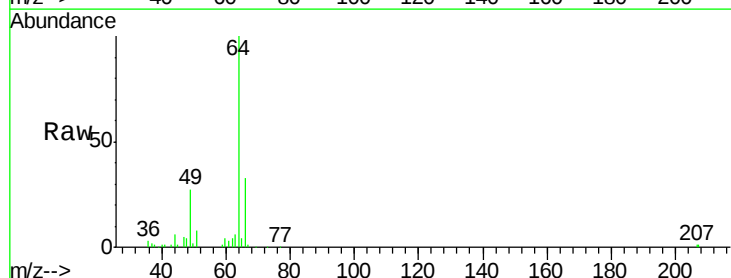
Acq: 6 Aug 2020 12:37

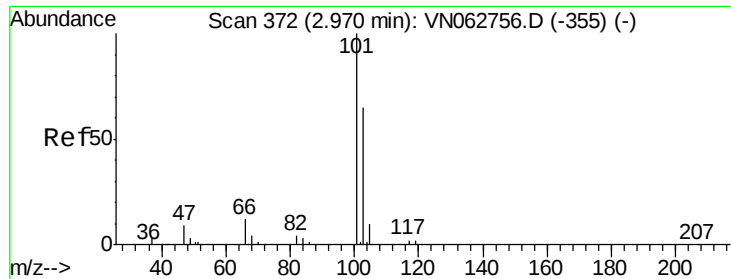
Tgt Ion: 64 Resp: 75739

Ion Ratio Lower Upper

64 100

66 33.1 24.0 36.0



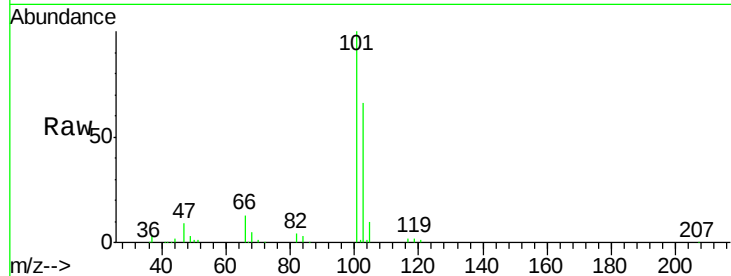


#7

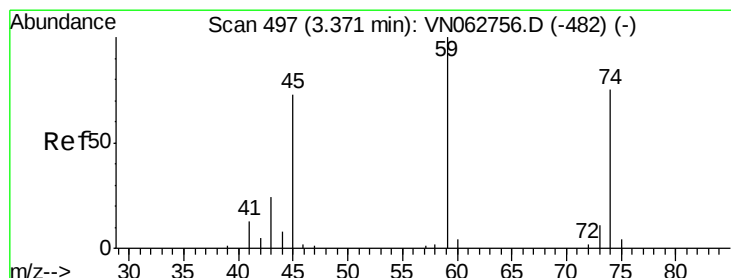
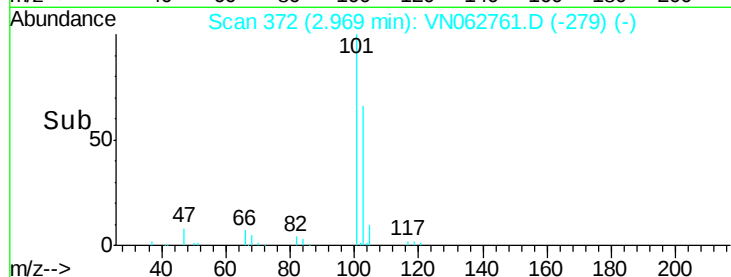
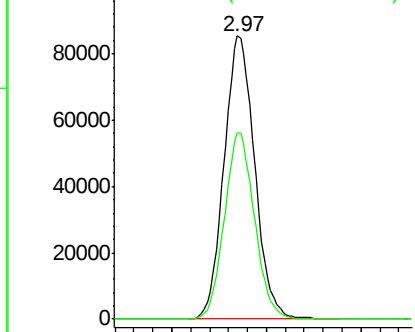
Trichlorofluoromethane
Concen: 49.226 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 192008
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5



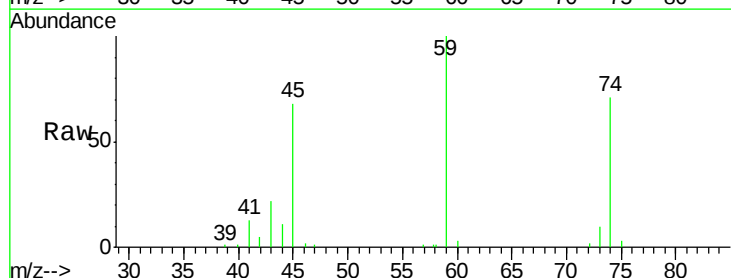
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



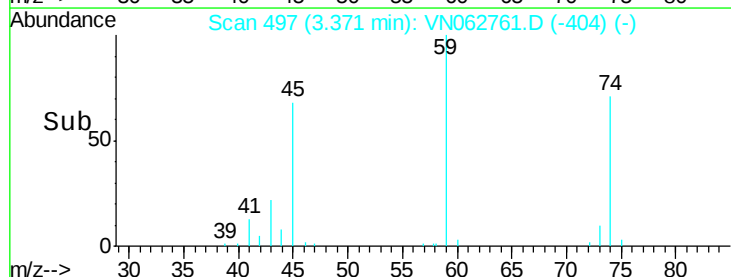
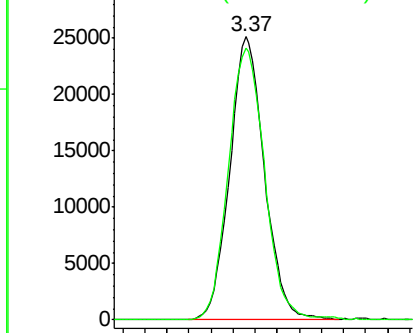
#8

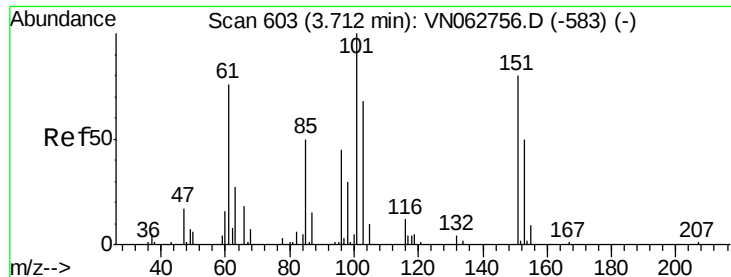
Diethyl Ether
Concen: 48.997 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 74 Resp: 54711
Ion Ratio Lower Upper
74 100
45 100.3 48.7 146.1



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.212 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

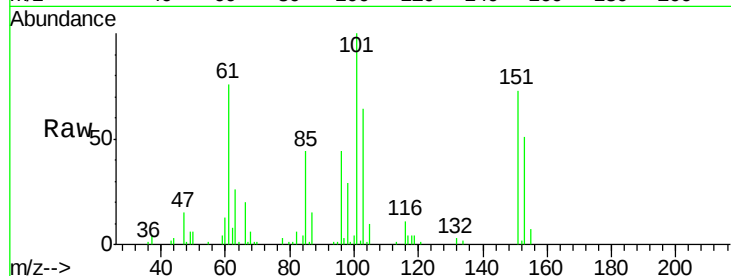
Tot Ion:101 Resp: 83619

Ion Ratio Lower Upper

101 100

85 46.0 38.5 57.7

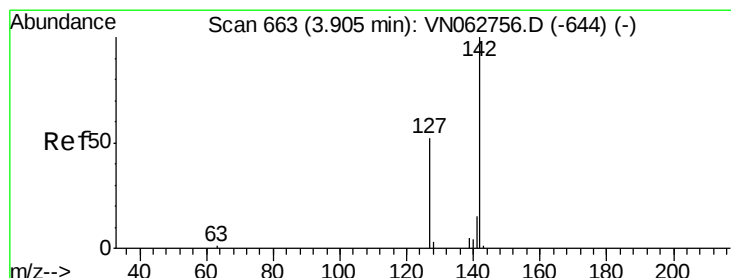
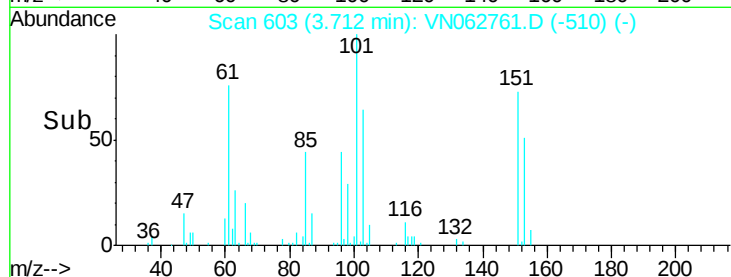
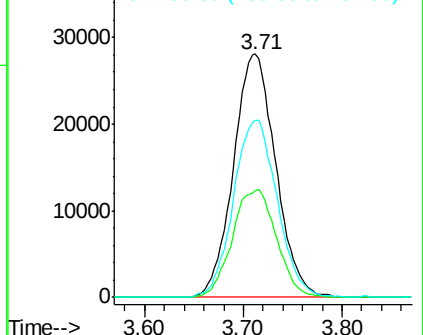
151 75.3 63.0 94.6



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: 52.062 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

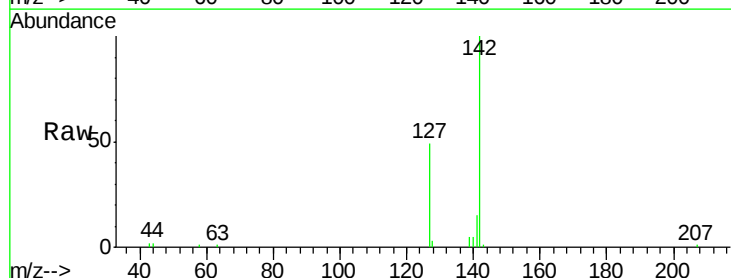
Tgt Ion:142 Resp: 98425

Ion Ratio Lower Upper

142 100

127 48.8 41.4 62.0

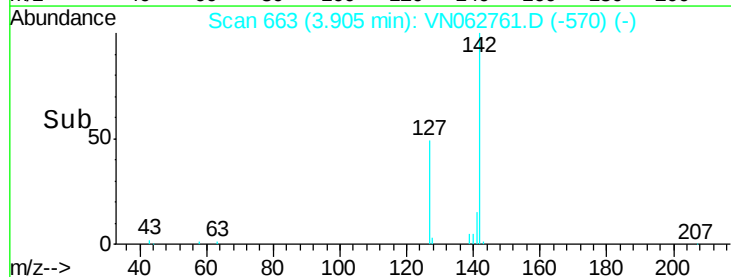
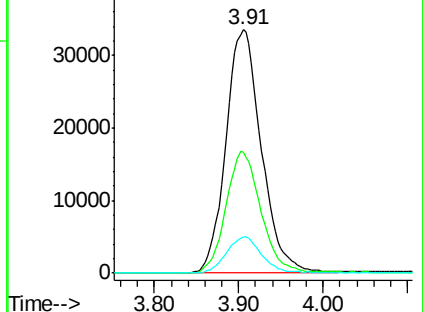
141 14.6 12.2 18.4

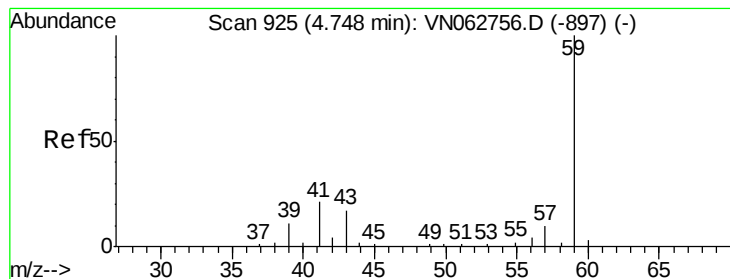


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 230.817 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.01 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

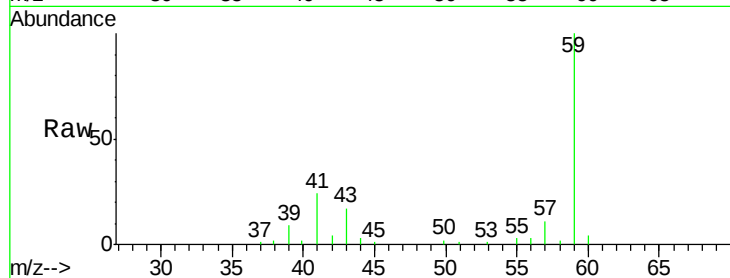
VSTDCCC050

Tot Ion: 59 Resp: 107971

Ion Ratio Lower Upper

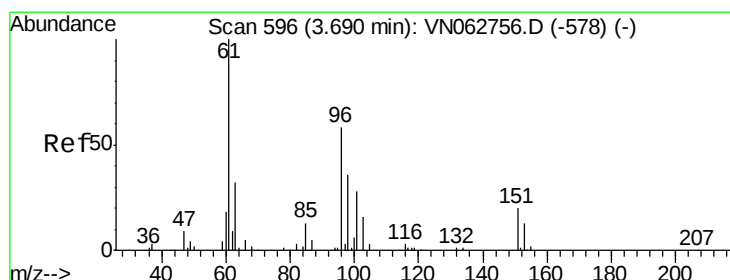
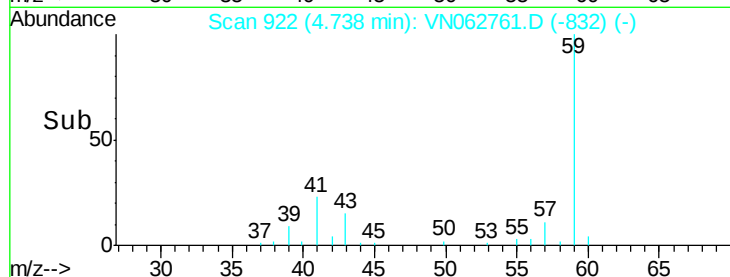
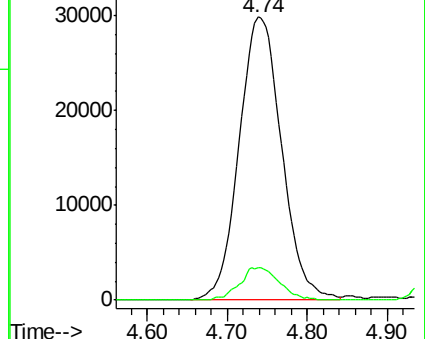
59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 52.202 ug/l

RT: 3.69 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

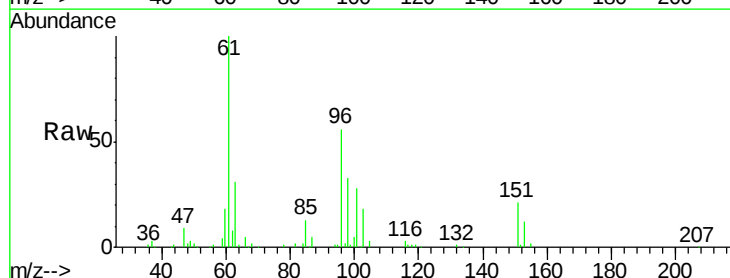
Tgt Ion: 96 Resp: 76651

Ion Ratio Lower Upper

96 100

61 179.9 139.0 208.6

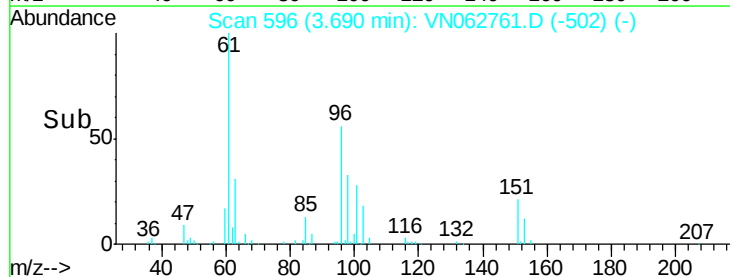
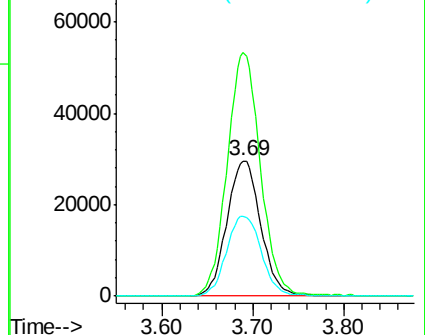
98 58.9 50.2 75.4

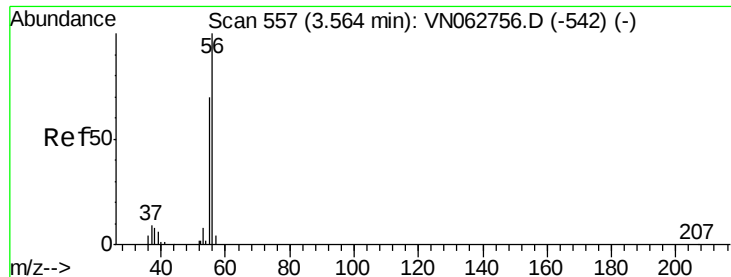


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 207.246 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

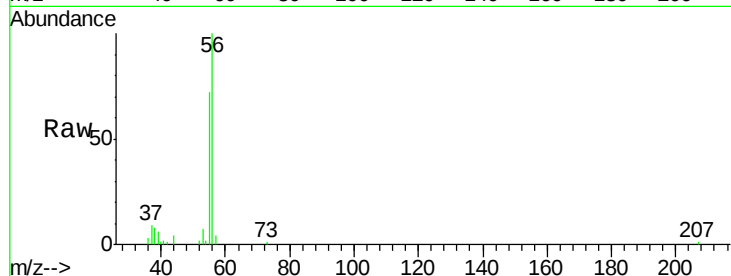
VSTDCCC050

Tot Ion: 56 Resp: 58697

Ion Ratio Lower Upper

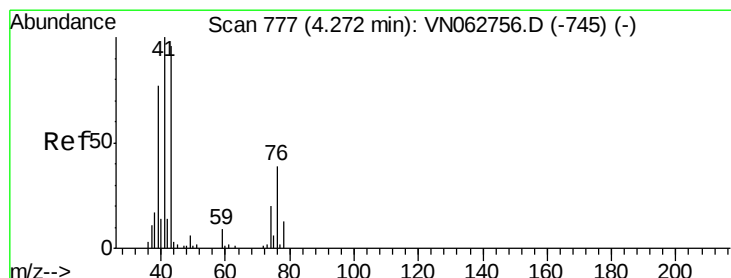
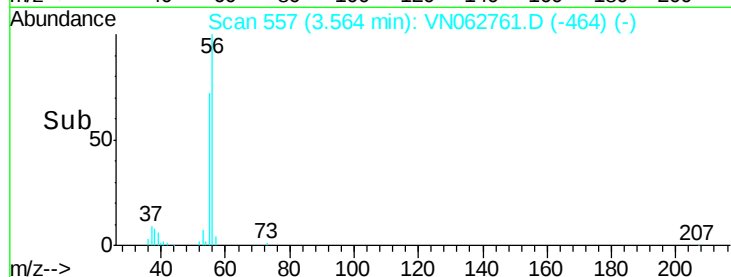
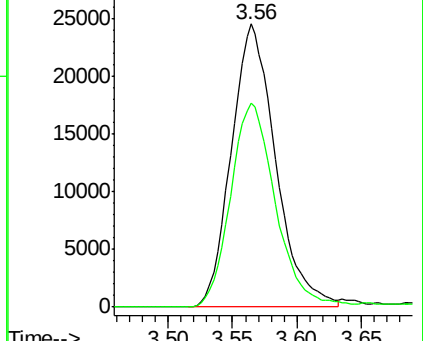
56 100

55 73.1 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.918 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

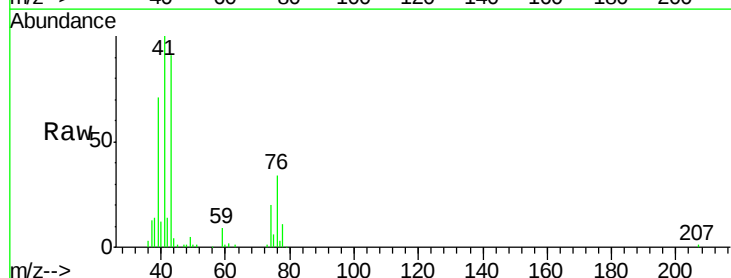
Tgt Ion: 41 Resp: 147814

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

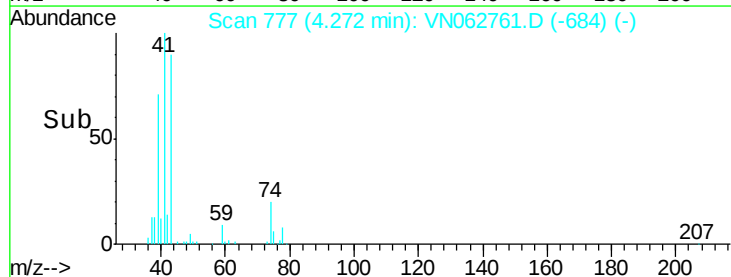
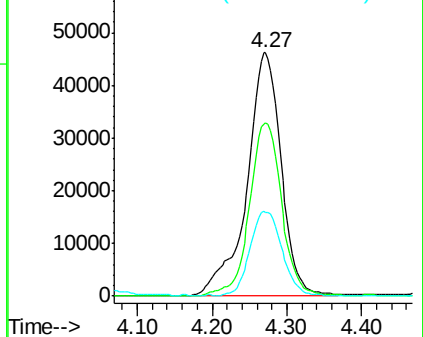
76 32.6 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 254.192 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

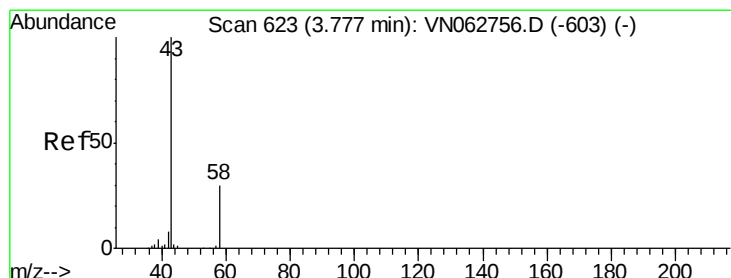
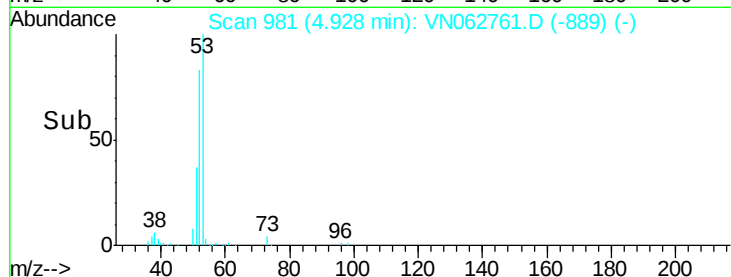
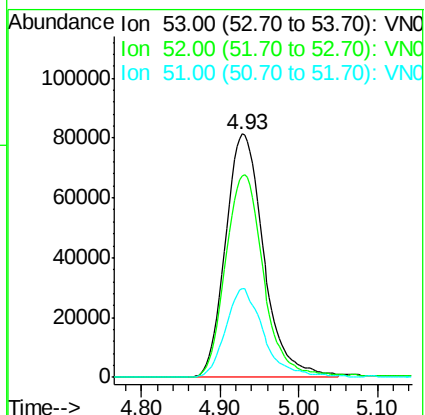
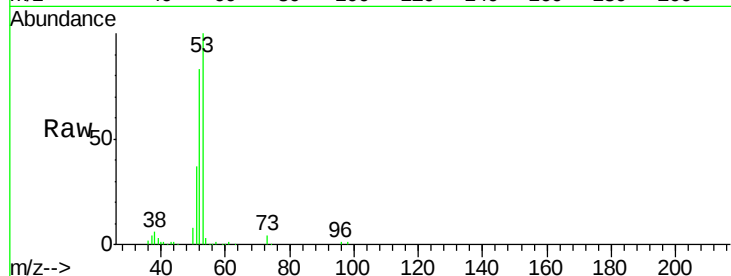
Tot Ion: 53 Resp: 275788

Ion Ratio Lower Upper

53 100

52 82.6 66.8 100.2

51 36.4 29.5 44.3



#16

Acetone

Concen: 230.740 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062761.D

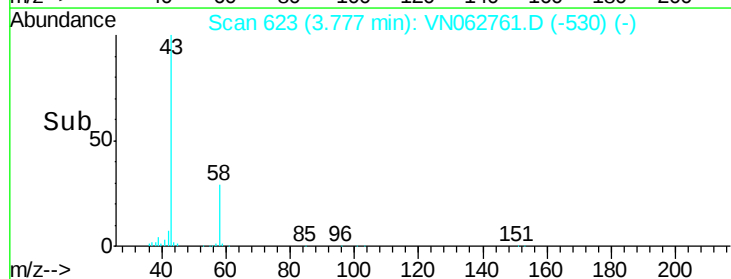
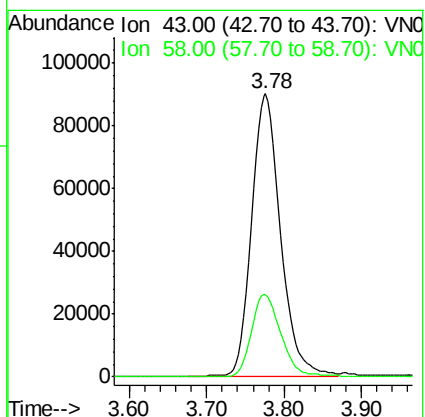
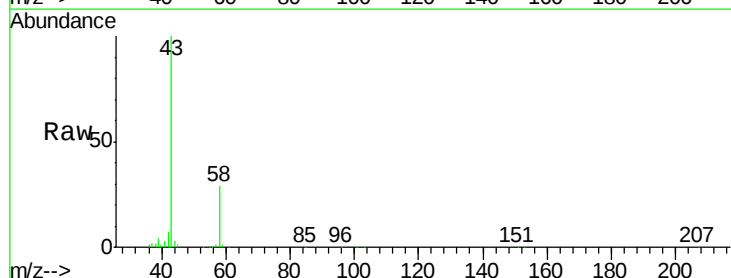
Acq: 6 Aug 2020 12:37

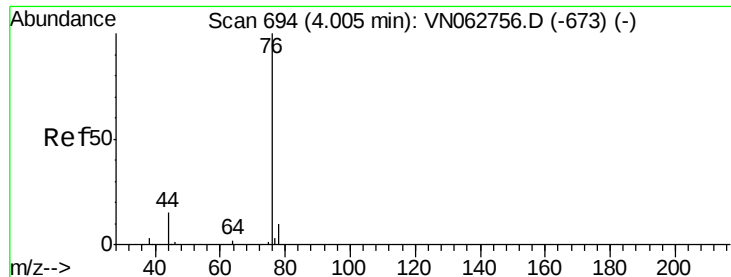
Tgt Ion: 43 Resp: 237959

Ion Ratio Lower Upper

43 100

58 28.9 24.1 36.1

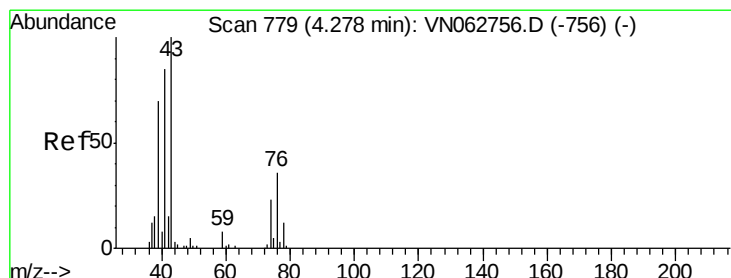
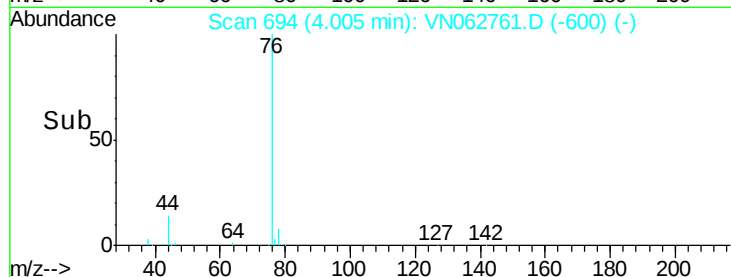
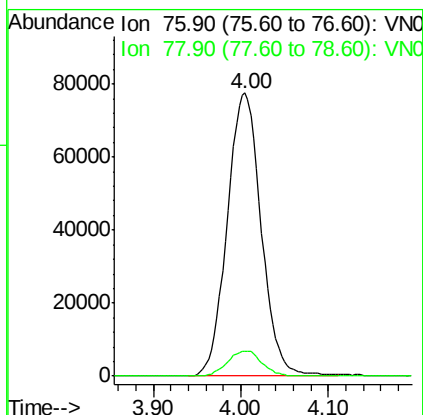
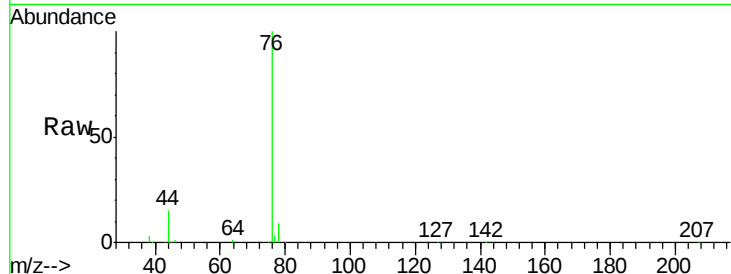




#17
Carbon Disulfide
Concen: 50.099 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

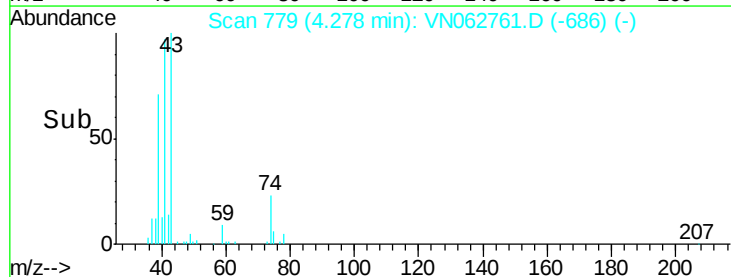
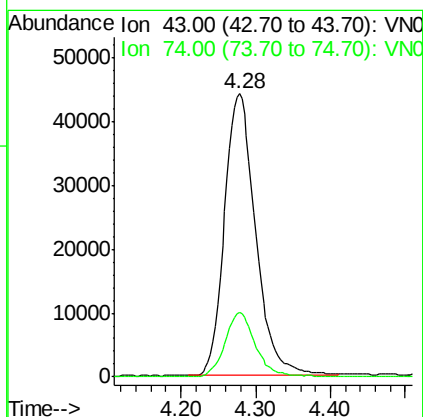
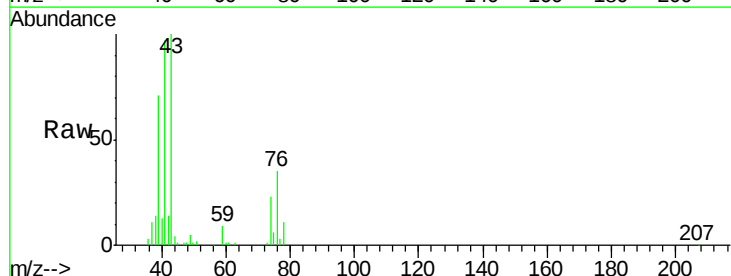
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

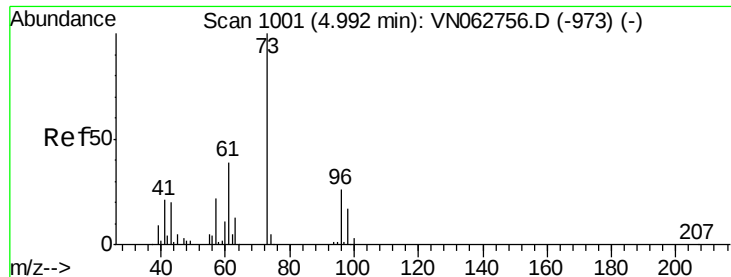
Tot Ion: 76 Resp: 209057
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 52.283 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 43 Resp: 127402
Ion Ratio Lower Upper
43 100
74 22.3 18.6 28.0

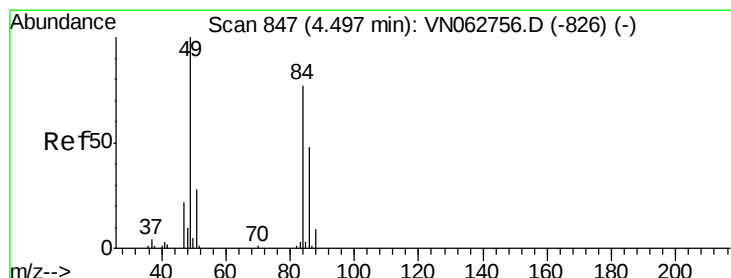
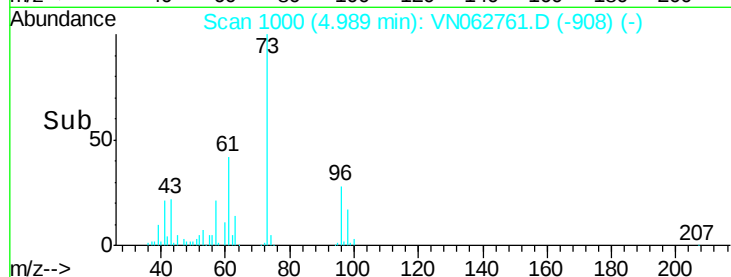
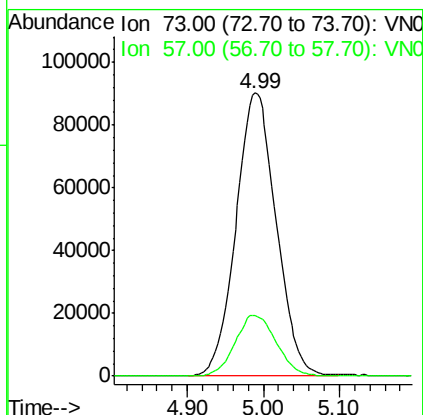
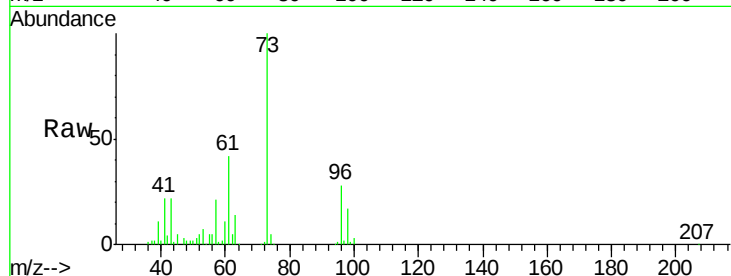




#19
Methvl tert-butvl Ether
Concen: 49.651 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

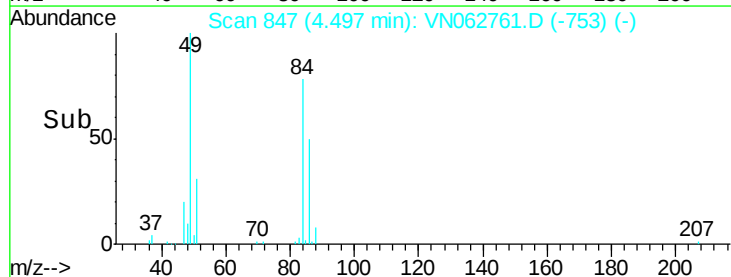
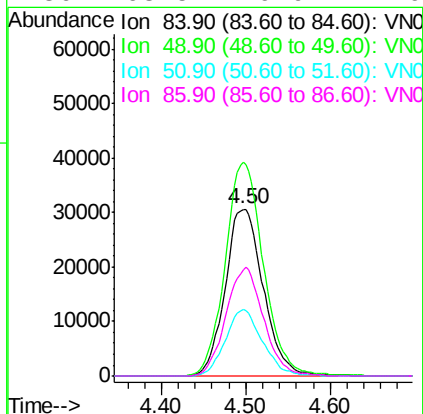
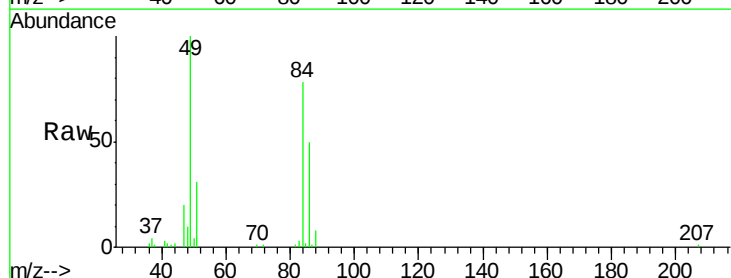
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

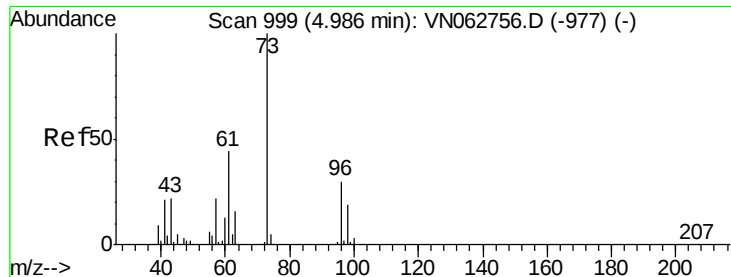
Tot Ion: 73 Resp: 332004
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3



#20
Methylene Chloride
Concen: 50.996 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 84 Resp: 96216
Ion Ratio Lower Upper
84 100
49 127.7 103.4 155.2
51 40.3 29.3 43.9
86 63.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.315 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

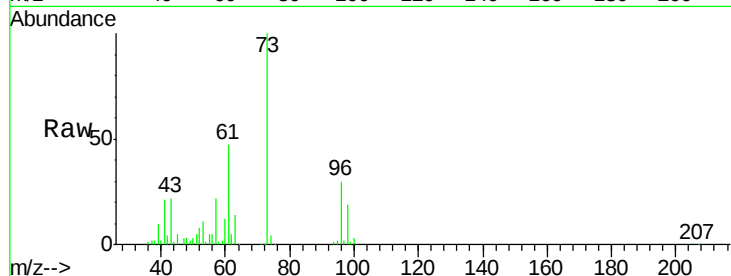
Tot Ion: 96 Resp: 81719

Ion Ratio Lower Upper

96 100

61 158.2 118.8 178.2

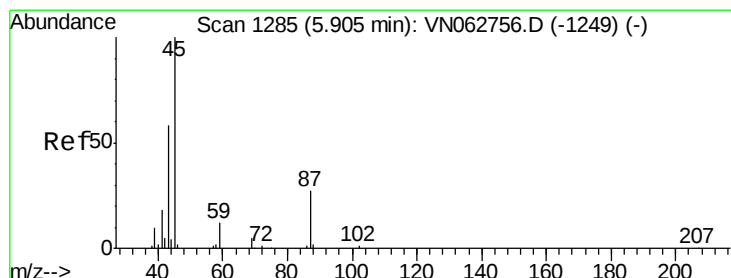
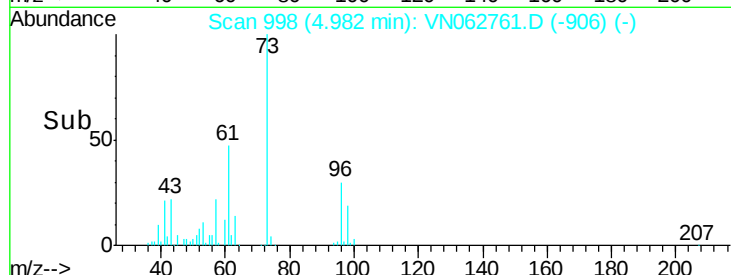
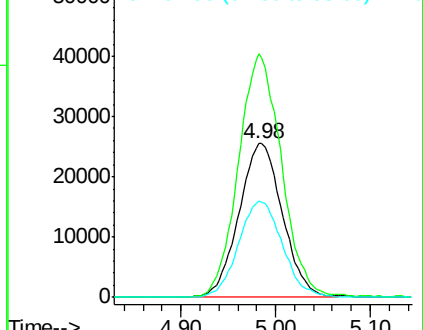
98 62.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-977) (-)



#22

Diisopropyl ether

Concen: 52.200 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Tgt Ion: 45 Resp: 335779

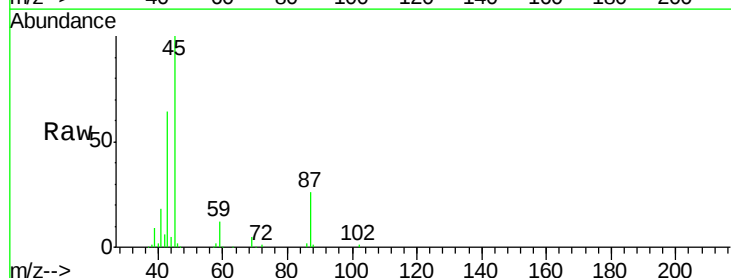
Ion Ratio Lower Upper

45 100

43 62.2 47.4 71.2

87 26.0 22.8 34.2

59 11.7 9.9 14.9

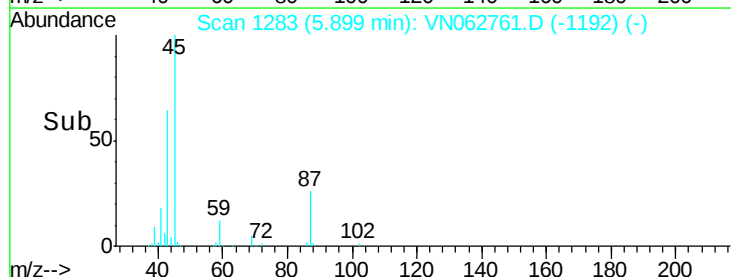
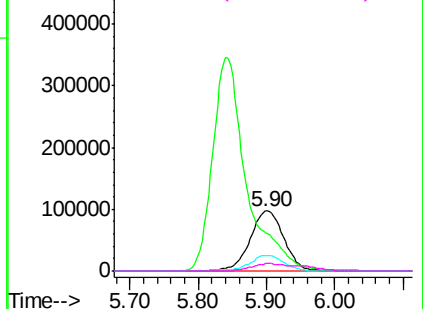


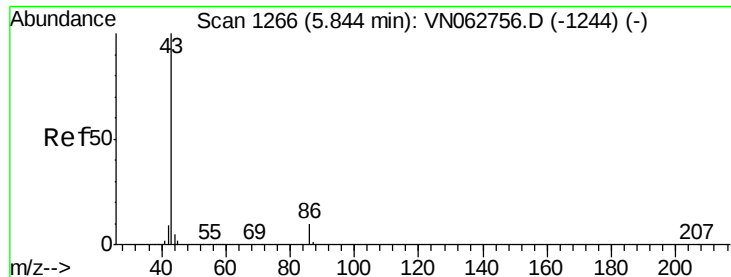
Abundance Ion 45.00 (44.70 to 45.70): VN062756.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN062756.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN062756.D (-1249) (-)





#23

Vinyl Acetate

Concen: 243.374 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

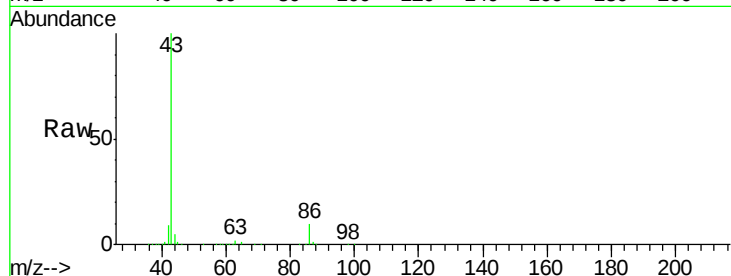
VSTDCCC050

Tot Ion: 43 Resp: 1190749

Ion Ratio Lower Upper

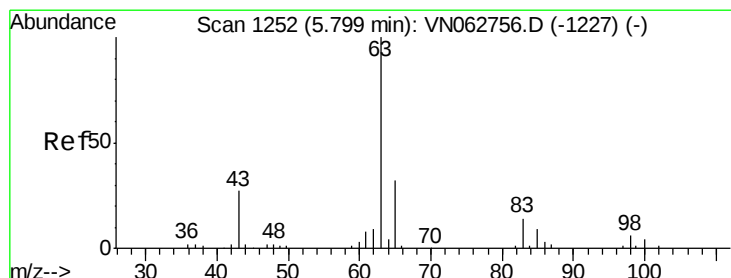
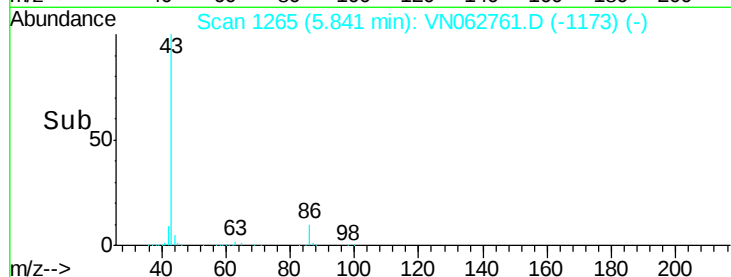
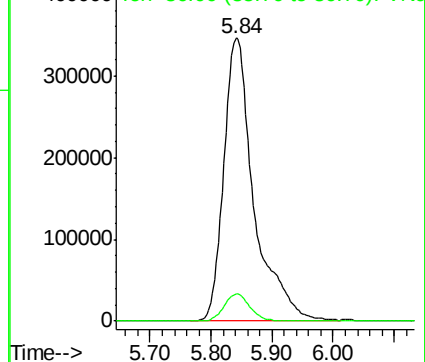
43 100

86 9.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.996 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

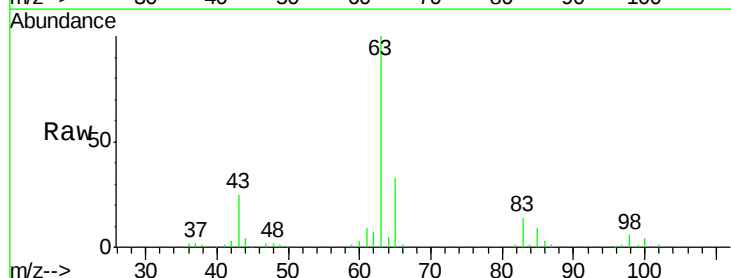
Tgt Ion: 63 Resp: 177157

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

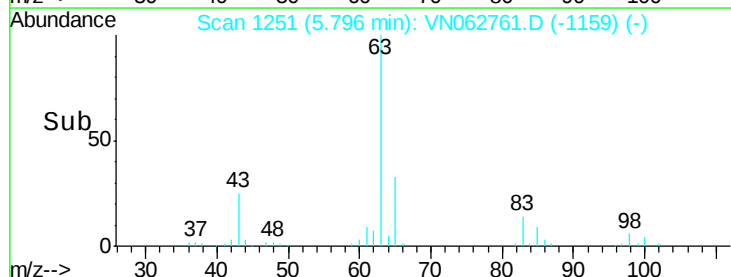
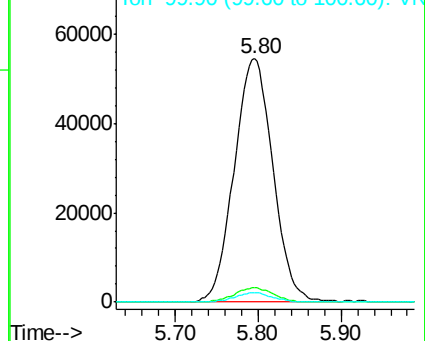
100 3.8 1.9 5.7

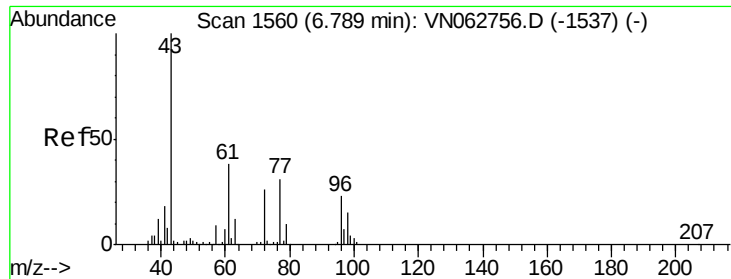


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 249.396 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

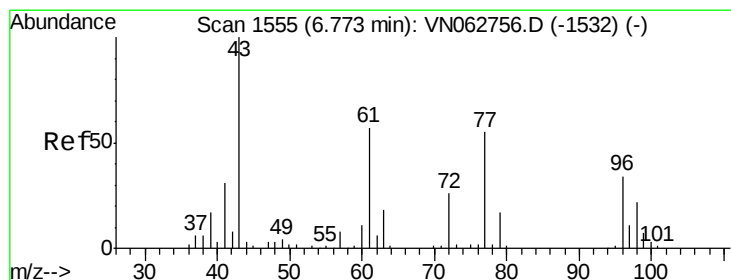
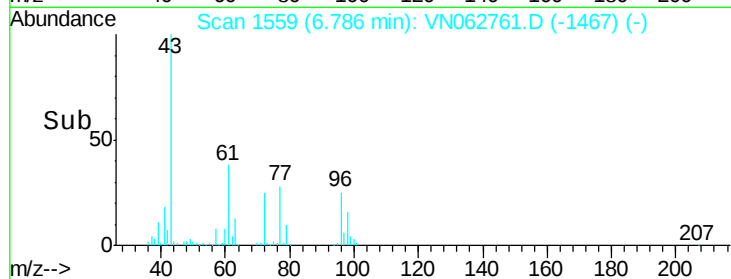
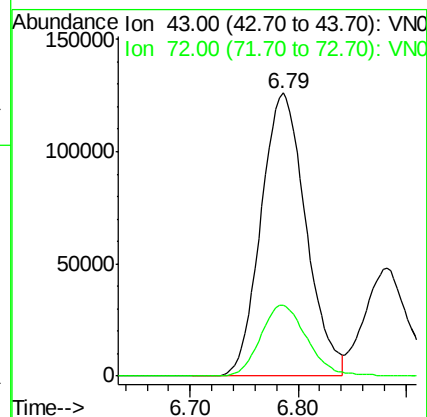
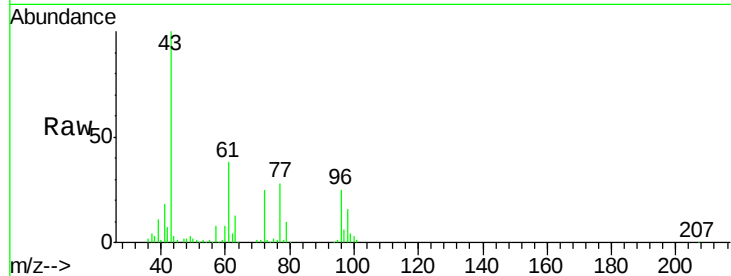
VSTDCCC050

Tot Ion: 43 Resp: 364272

Ion Ratio Lower Upper

43 100

72 25.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 40.033 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062761.D

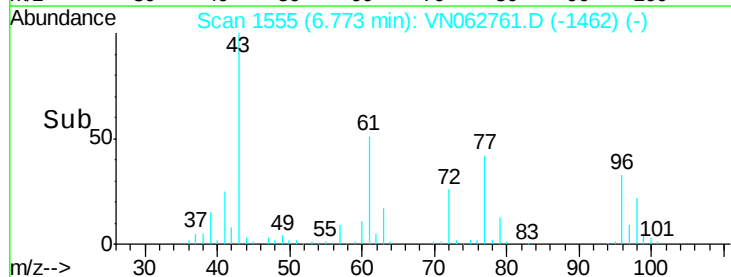
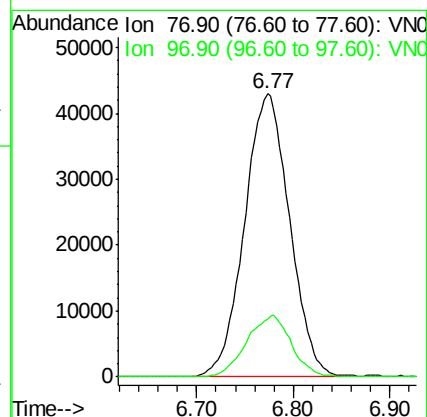
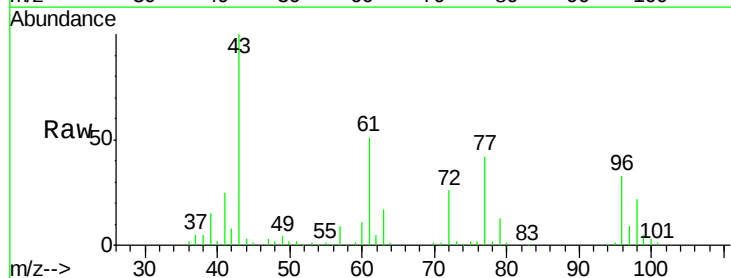
Acq: 6 Aug 2020 12:37

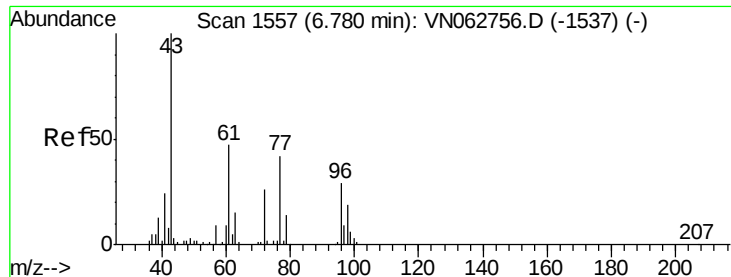
Tgt Ion: 77 Resp: 139105

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.6

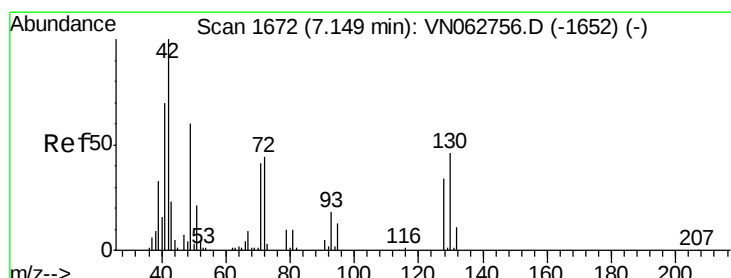
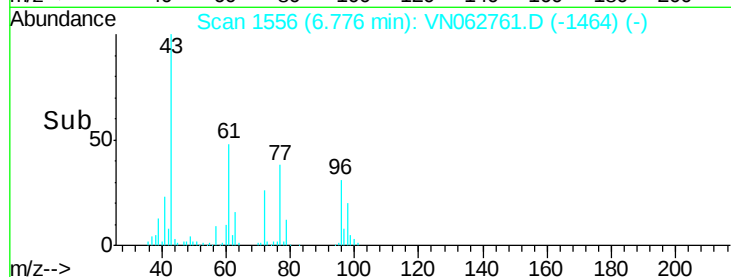
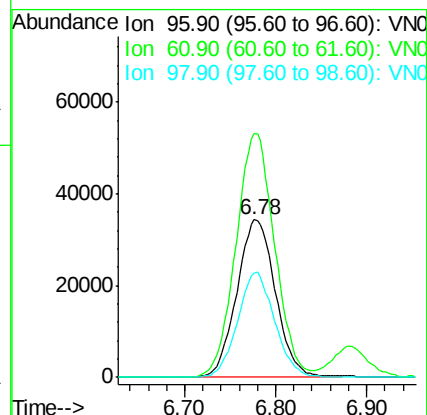
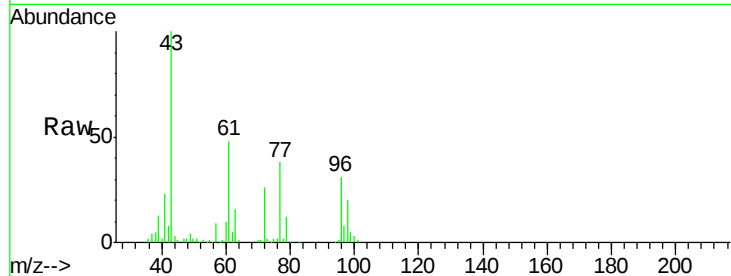




#27
 cis-1,2-Dichloroethene
 Concen: 48.867 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

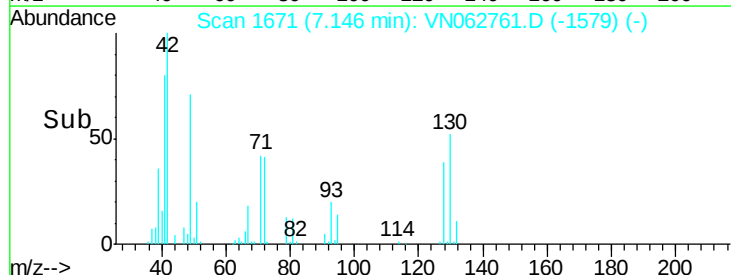
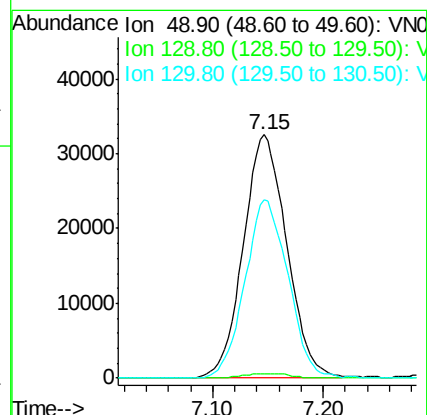
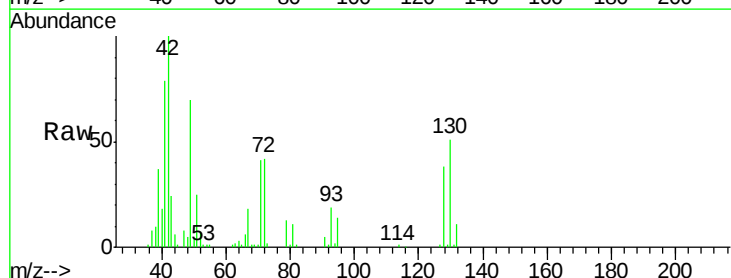
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

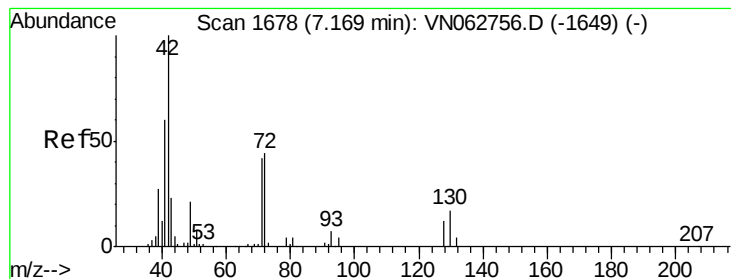
Tot Ion	96	Resp	101245
Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	332.2
98	63.8	0.0	129.4



#28
 Bromochloromethane
 Concen: 48.827 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion	49	Resp	88831
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.6	59.0	88.6





#29

Tetrahydrofuran

Concen: 254.216 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

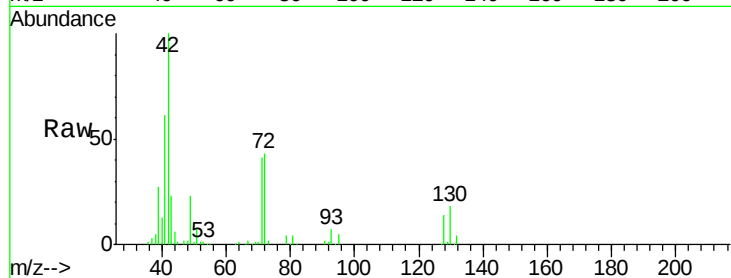
Tot Ion: 42 Resp: 241230

Ion Ratio Lower Upper

42 100

72 42.9 35.0 52.4

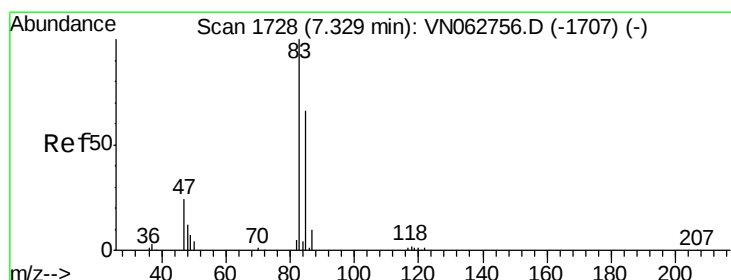
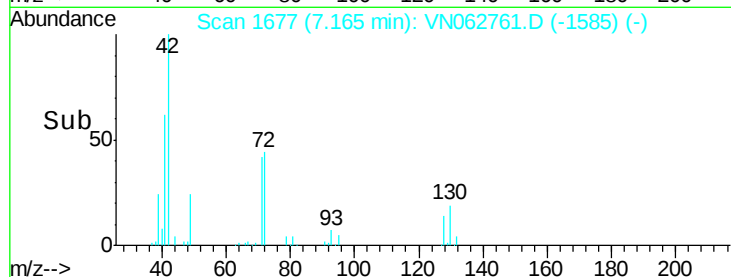
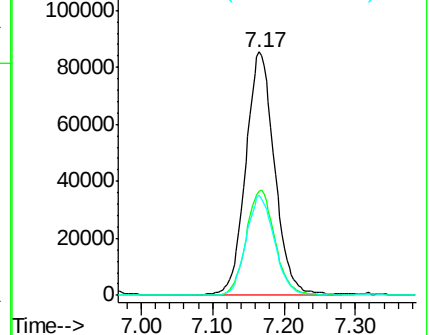
71 40.2 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.294 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062761.D

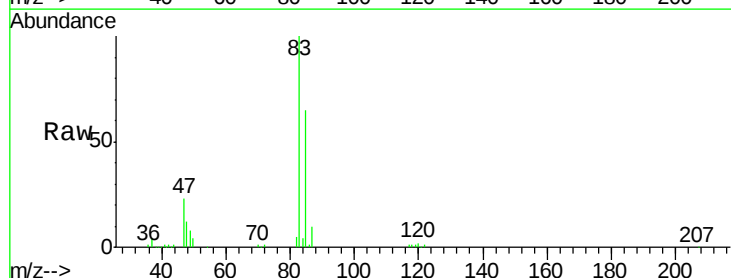
Acq: 6 Aug 2020 12:37

Tgt Ion: 83 Resp: 189466

Ion Ratio Lower Upper

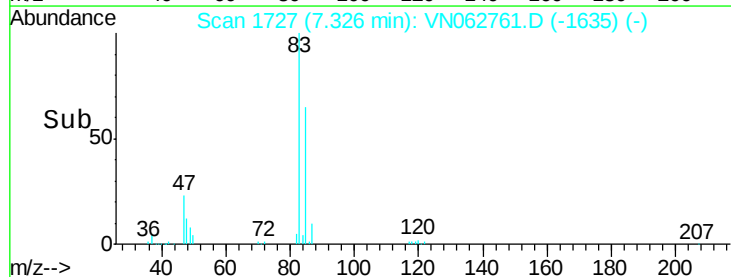
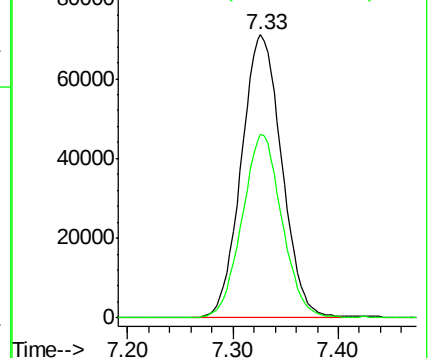
83 100

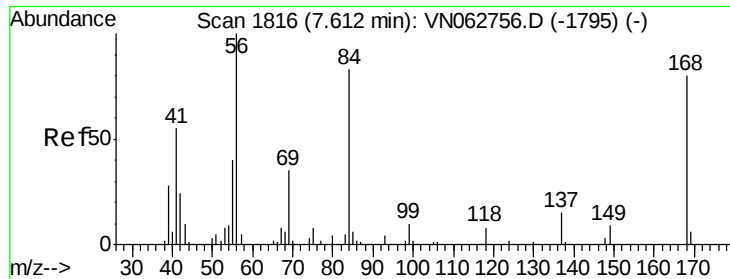
85 64.8 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

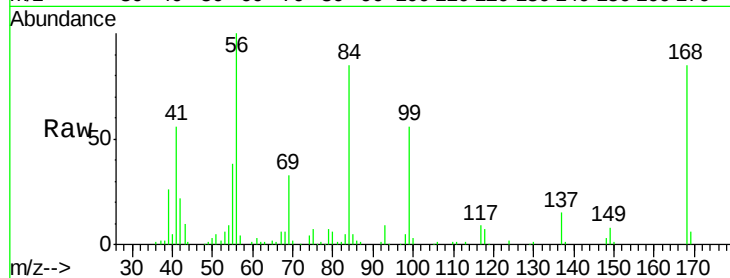




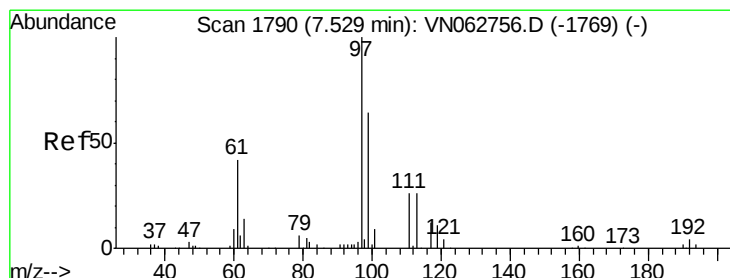
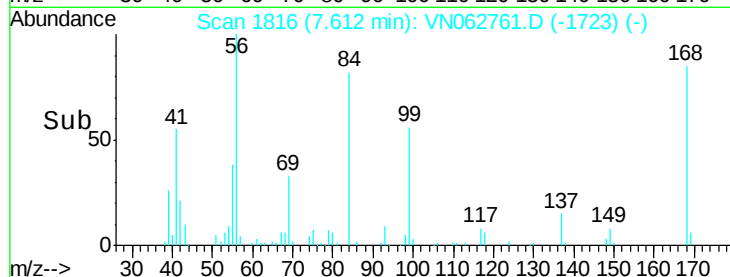
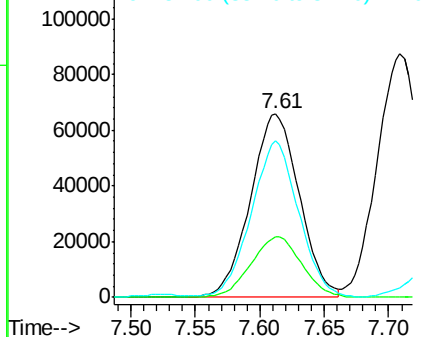
#31
Cyclohexane
Concen: 50.292 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 174027
Ion Ratio Lower Upper
56 100
69 33.2 28.1 42.1
84 84.4 66.8 100.2

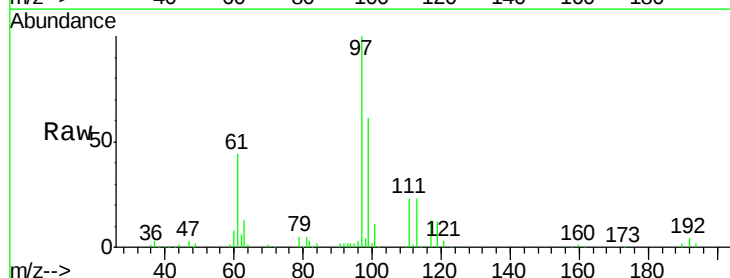


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

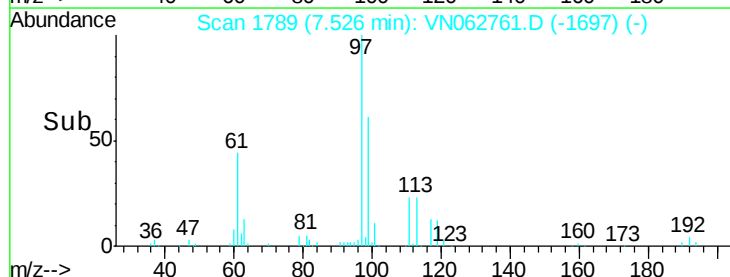
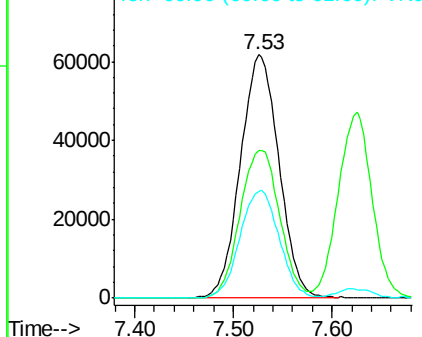


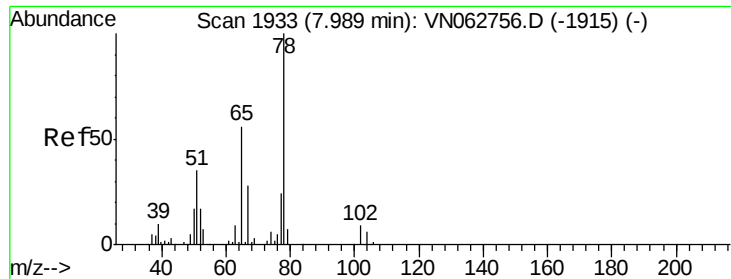
#32
1,1,1-Trichloroethane
Concen: 46.729 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 97 Resp: 167373
Ion Ratio Lower Upper
97 100
99 62.4 50.0 75.0
61 44.8 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 44.915 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

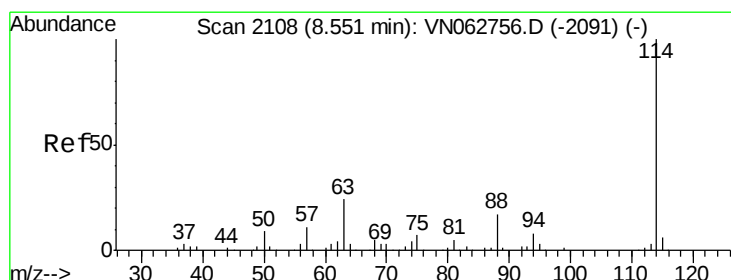
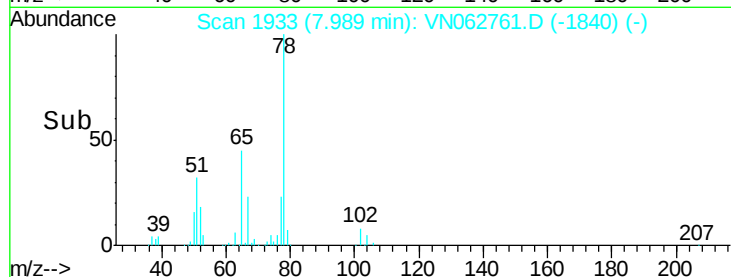
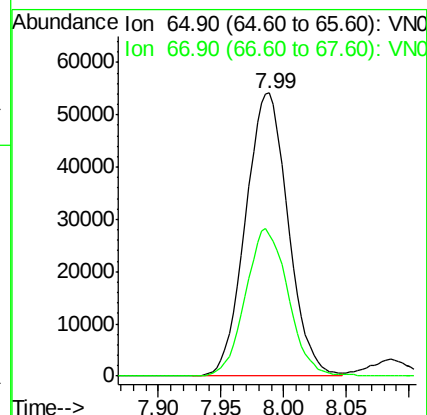
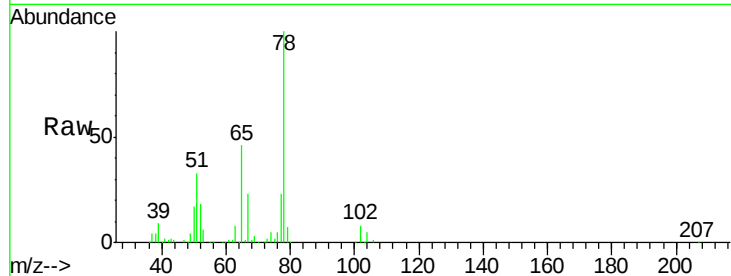
VSTDCCC050

Tot Ion: 65 Resp: 128191

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

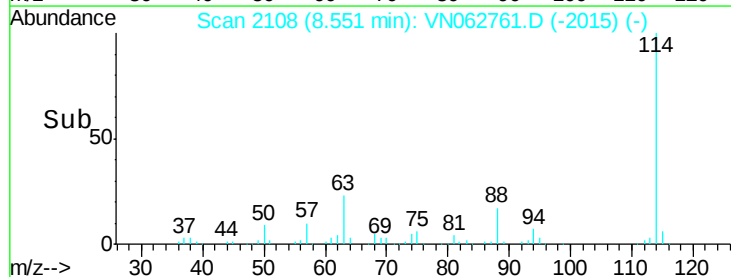
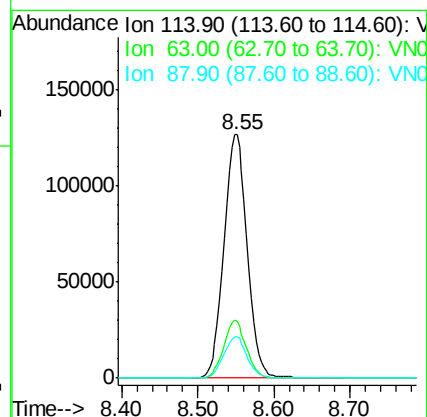
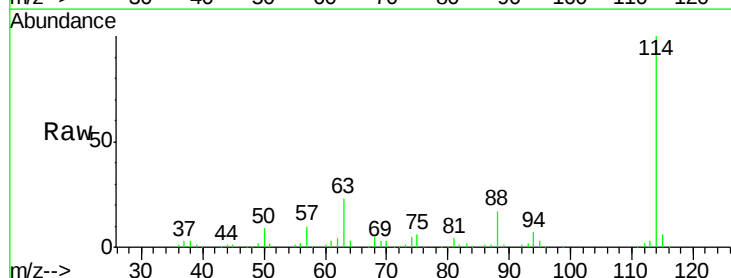
Tgt Ion: 114 Resp: 269419

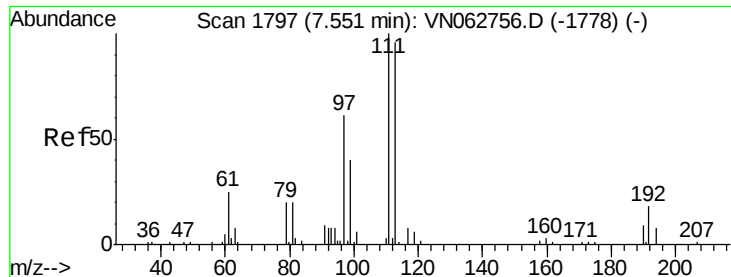
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

88 17.1 0.0 34.4

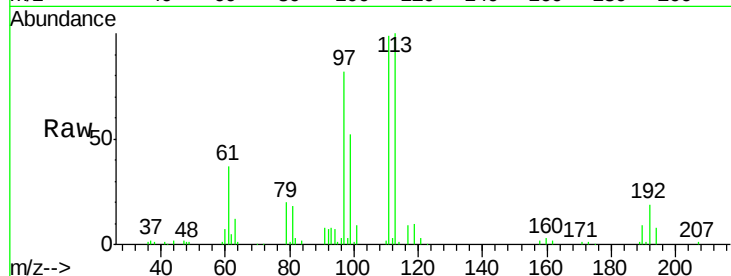




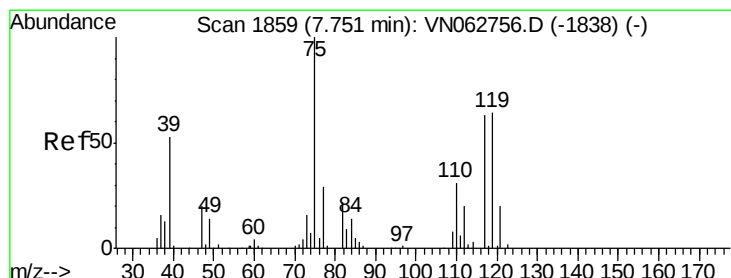
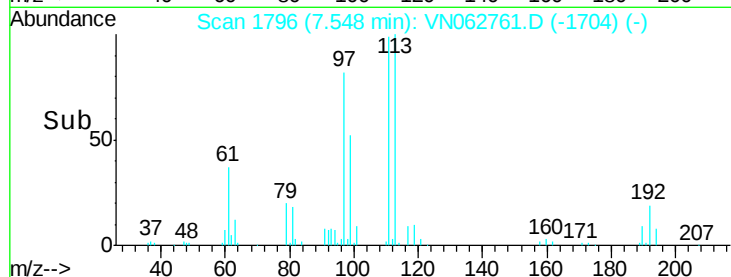
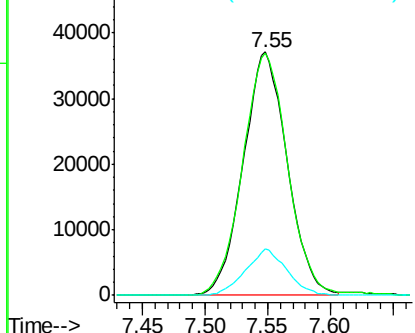
#35
 Dibromofluoromethane
 Concen: 49.172 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 90622
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.8 122.6
 192 17.9 15.0 22.4

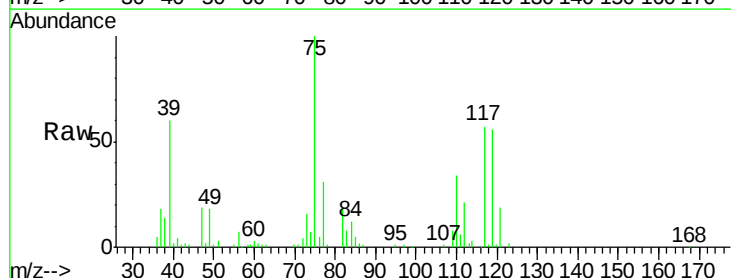


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

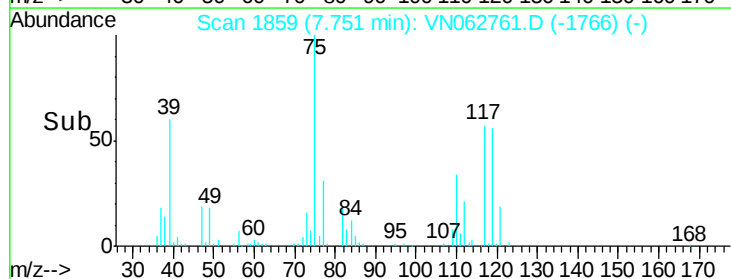
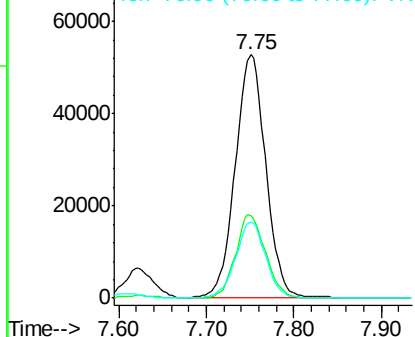


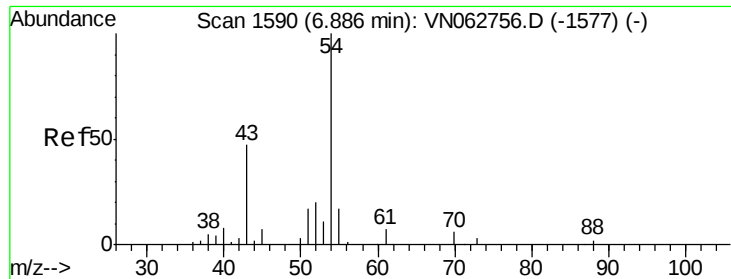
#36
 1,1-Dichloropropene
 Concen: 48.840 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion: 75 Resp: 128124
 Ion Ratio Lower Upper
 75 100
 110 33.3 15.6 46.7
 77 30.9 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

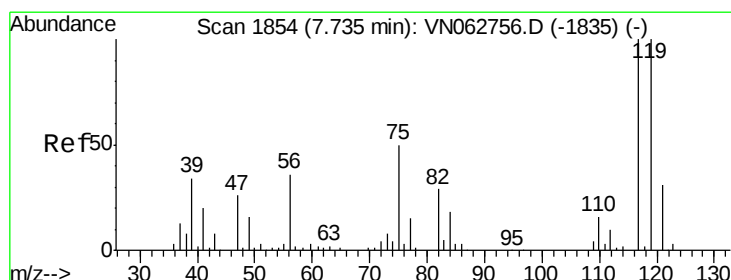
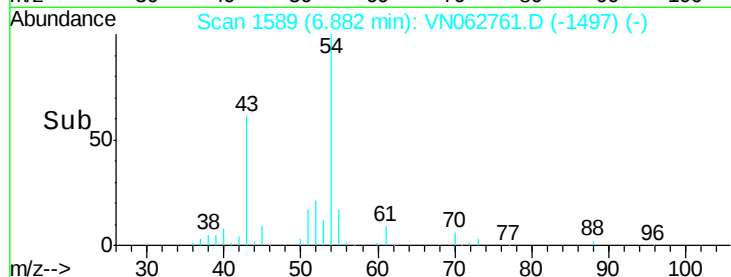
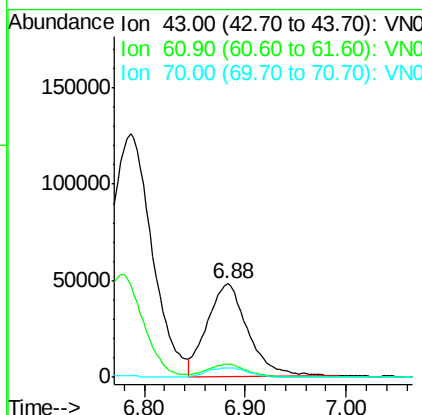
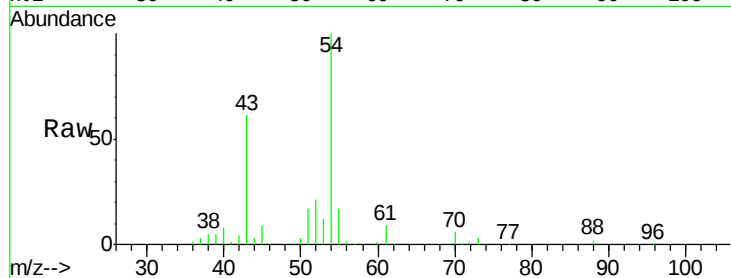




#37
Ethyl Acetate
Concen: 49.300 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

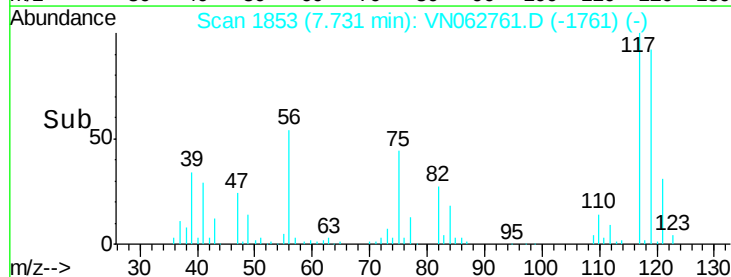
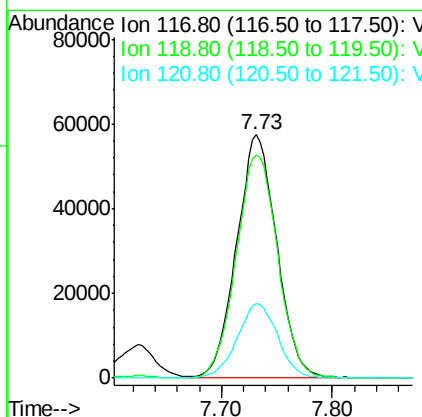
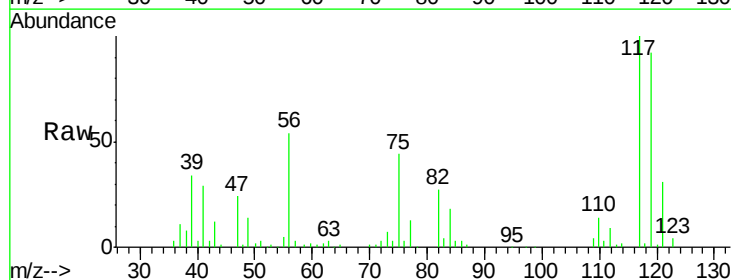
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

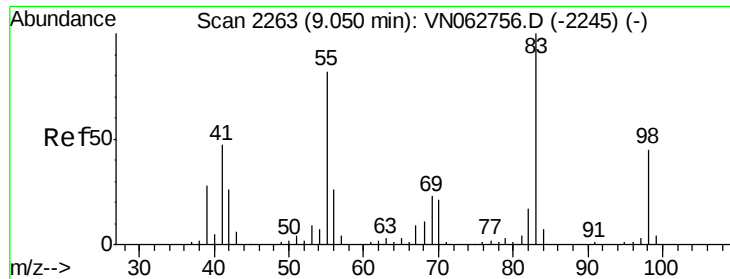
Tot Ion: 43 Resp: 135099
Ion Ratio Lower Upper
43 100
61 13.4 12.1 18.1
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.192 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 117 Resp: 143318
Ion Ratio Lower Upper
117 100
119 91.9 79.4 119.2
121 30.7 24.9 37.3

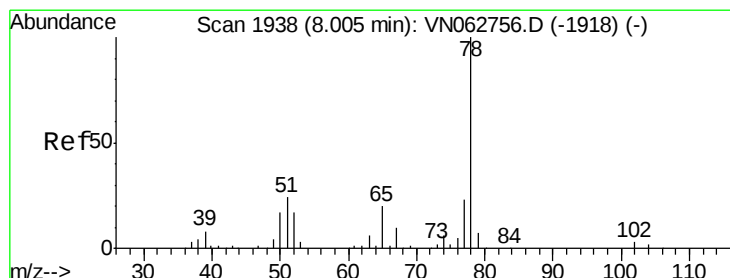
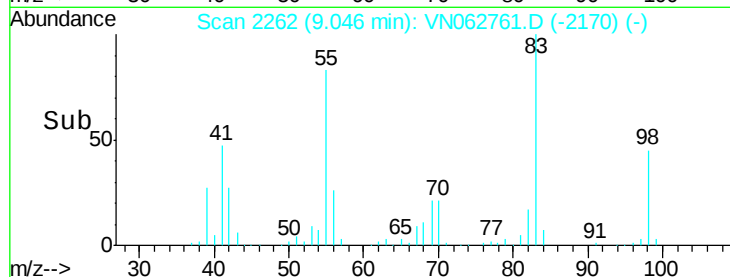
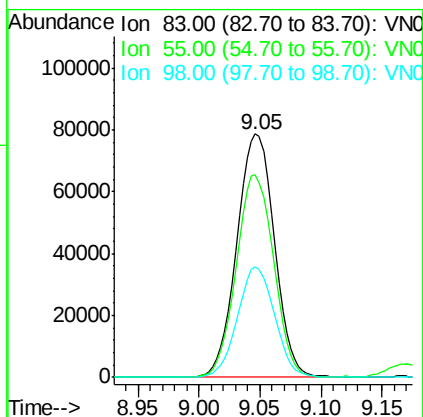
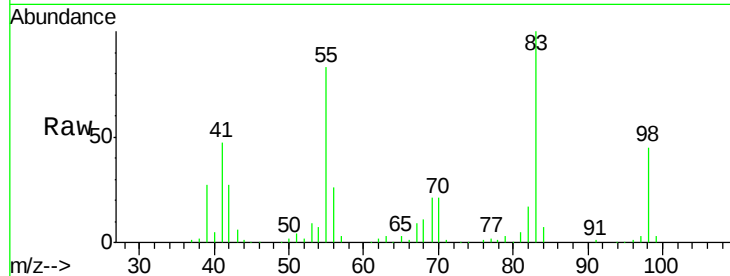




#39
Methvlcvclohexane
Concen: 53.136 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

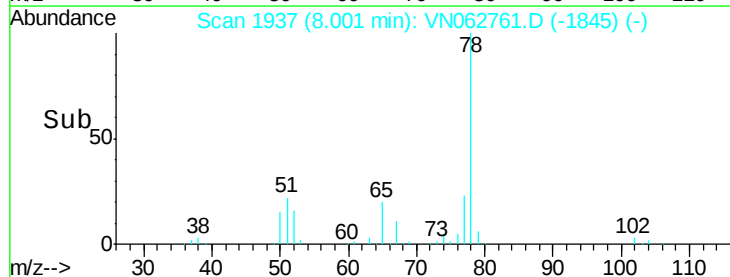
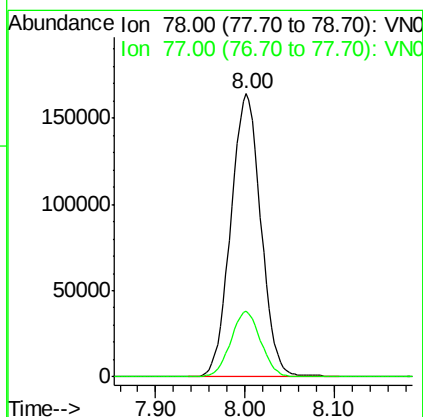
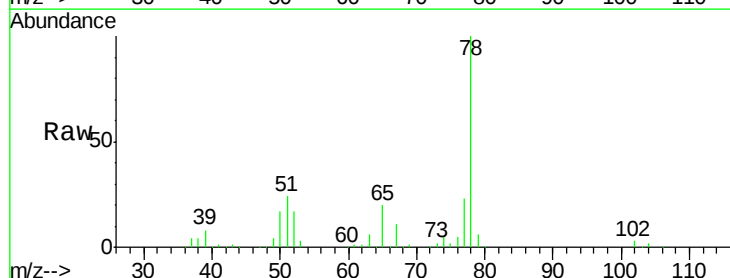
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

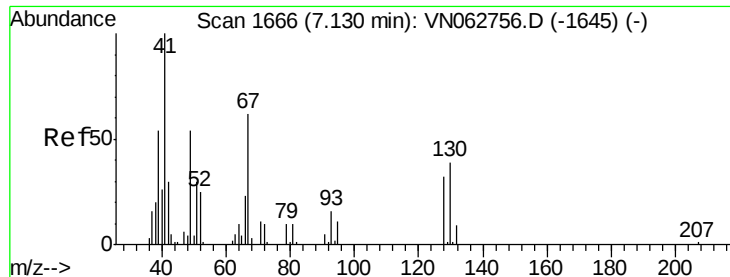
Tot Ion: 83 Resp: 167754
Ion Ratio Lower Upper
83 100
55 83.3 65.7 98.5
98 45.4 35.6 53.4



#40
Benzene
Concen: 49.067 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 78 Resp: 384108
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1

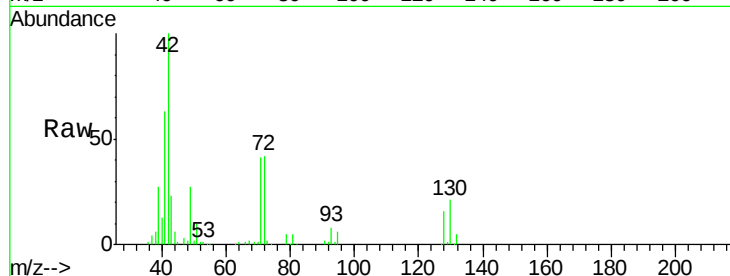




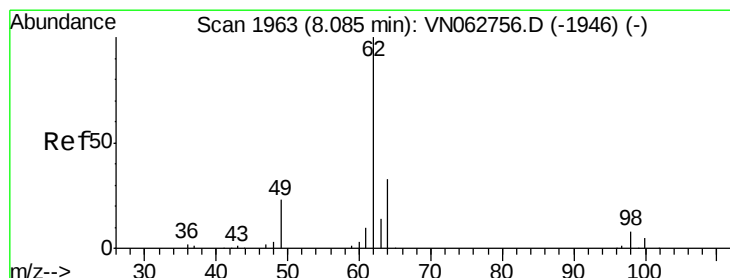
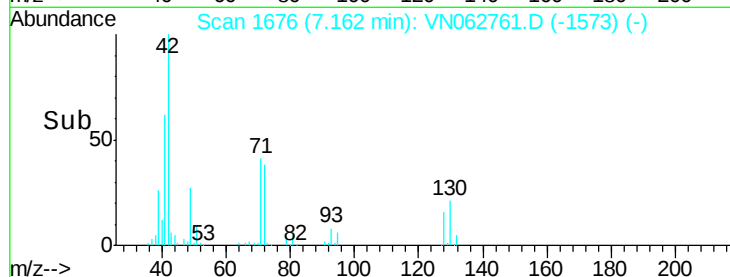
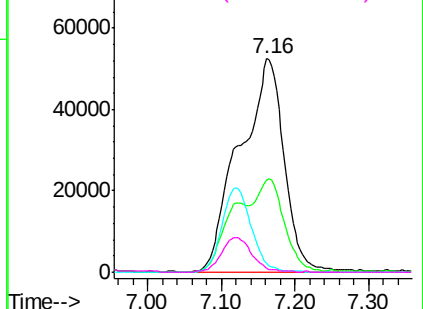
#41
Methacrylonitrile
Concen: 178.006 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	220117
Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

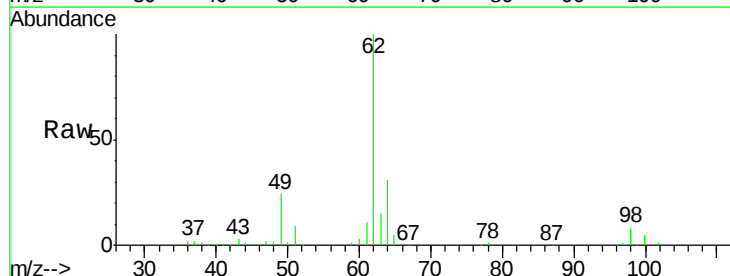


Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-1645) (-)
Ion 39.00 (38.70 to 39.70): VN062756.D (-1645) (-)
Ion 67.00 (66.70 to 67.70): VN062756.D (-1645) (-)
Ion 52.00 (51.70 to 52.70): VN062756.D (-1645) (-)

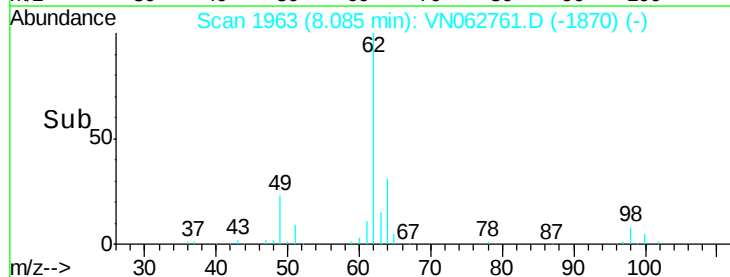
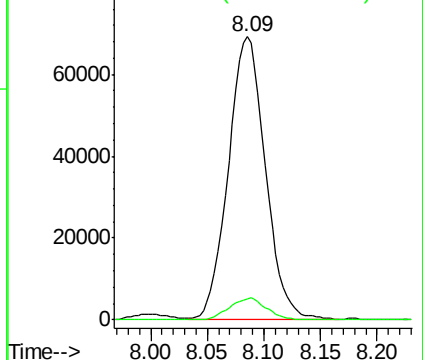


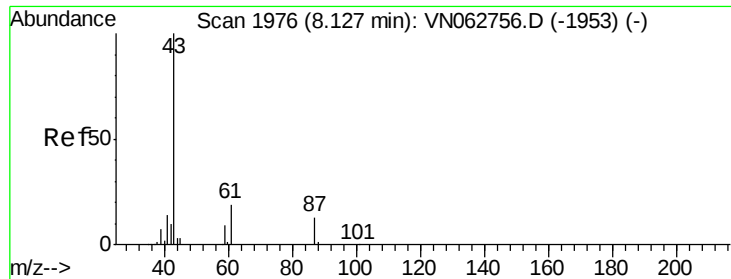
#42
1,2-Dichloroethane
Concen: 47.120 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:	62	Resp:	156996
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062756.D (-1946) (-)
Ion 97.90 (97.60 to 98.60): VN062756.D (-1946) (-)





#43

Isopropyl Acetate

Concen: 49.812 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

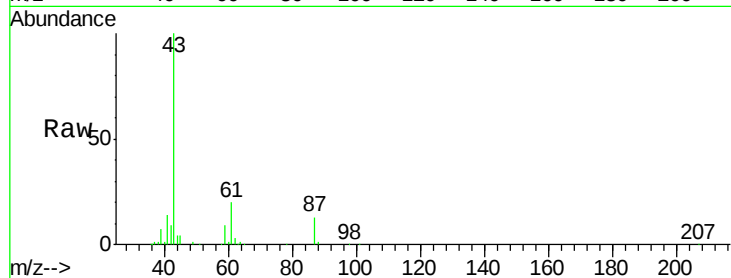
MSVOA_N

ClientSampleId :

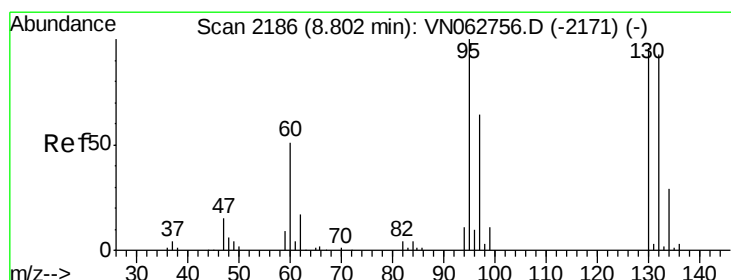
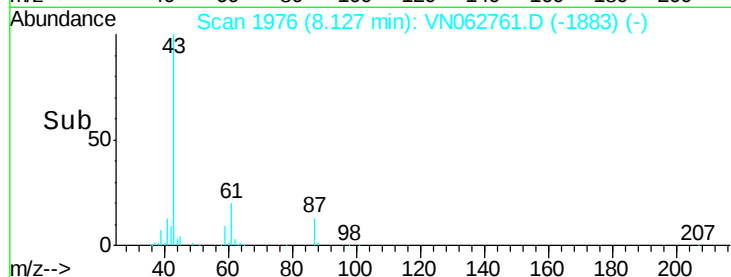
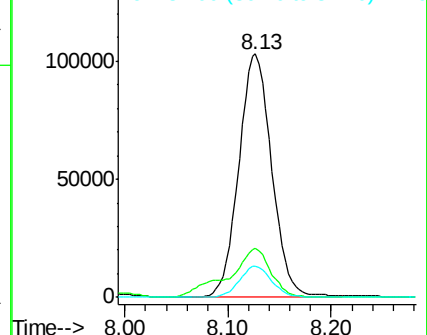
VSTDCCC050

Tot Ion: 43 Resp: 227684

Ion	Ratio	Lower	Upper
43	100		
61	26.1	15.8	23.6#
87	12.6	9.9	14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062761.D (-1883) (-)



#44

Trichloroethene

Concen: 49.003 ug/l

RT: 8.80 min Scan# 2185

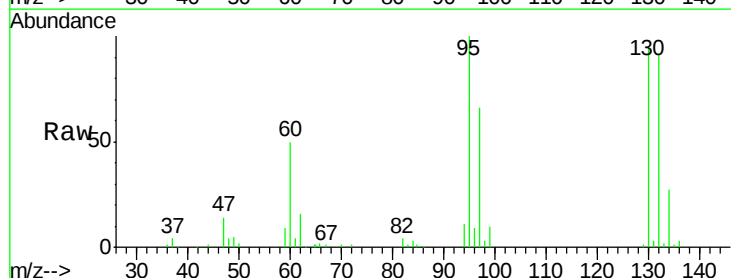
Delta R.T. -0.00 min

Lab File: VN062761.D

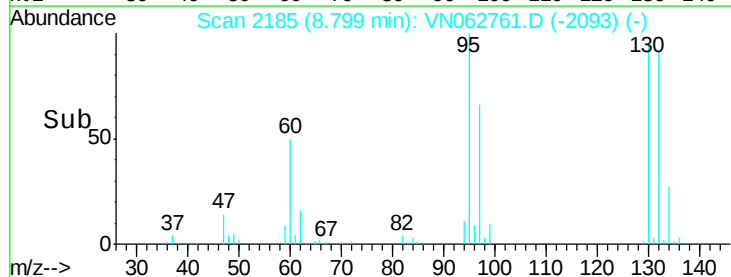
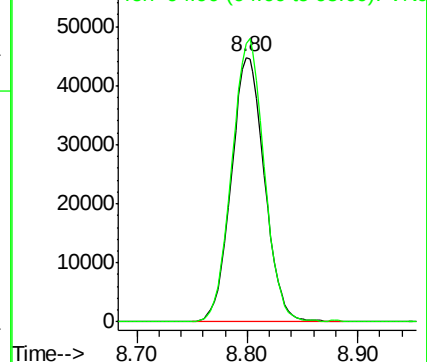
Acq: 6 Aug 2020 12:37

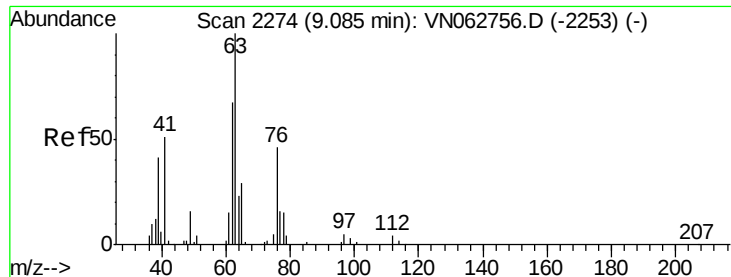
Tgt Ion: 130 Resp: 93459

Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062761.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 51.090 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

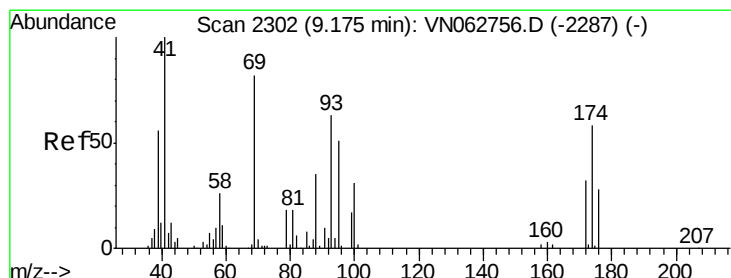
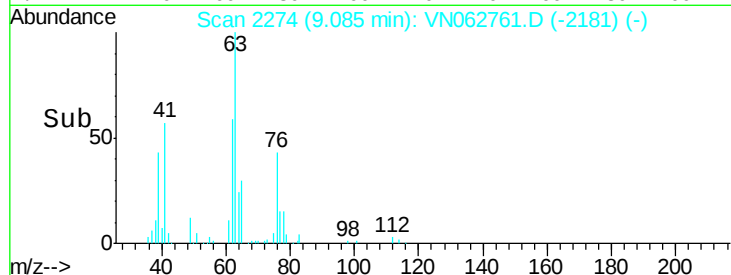
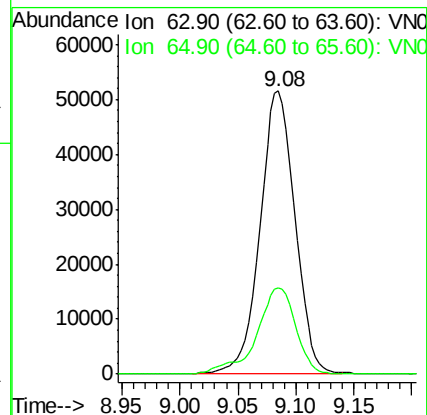
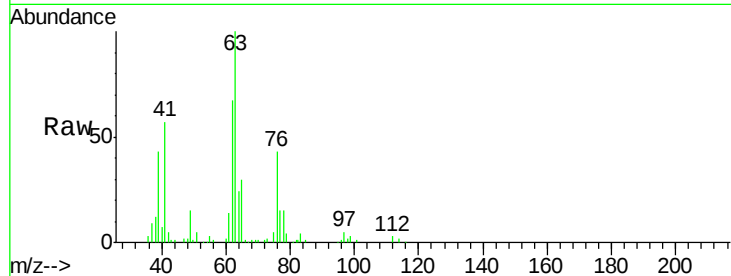
VSTDCCC050

Tot Ion: 63 Resp: 108245

Ion Ratio Lower Upper

63 100

65 30.5 23.5 35.3



#46

Dibromomethane

Concen: 49.375 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

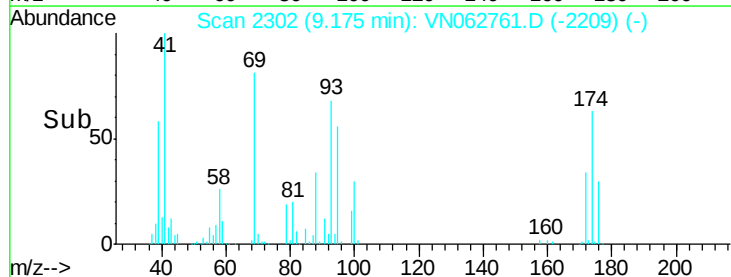
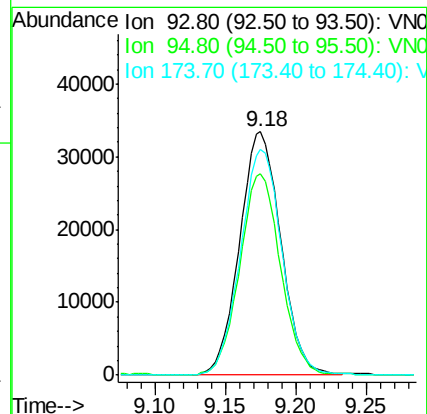
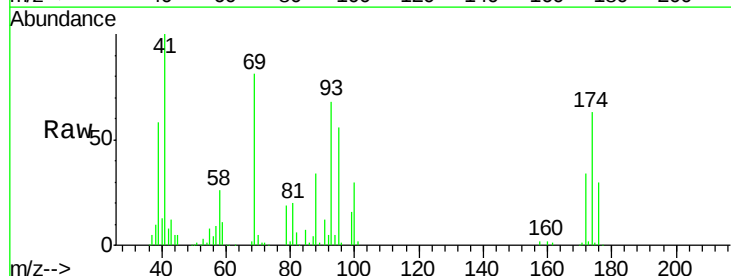
Tgt Ion: 93 Resp: 68543

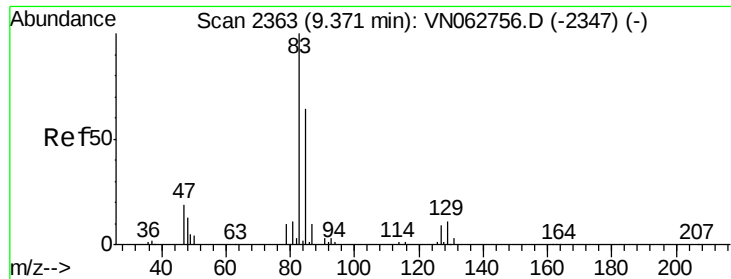
Ion Ratio Lower Upper

93 100

95 81.7 65.1 97.7

174 93.1 73.9 110.9





#47

Bromodichloromethane

Concen: 49.713 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

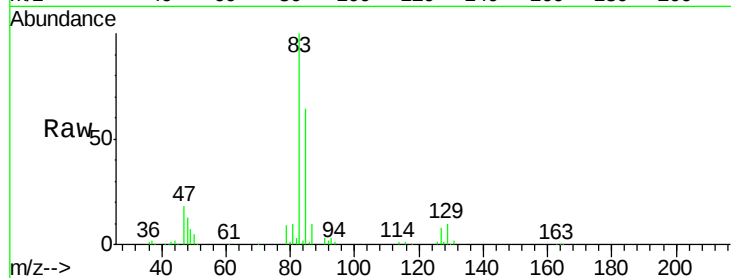
Tot Ion: 83 Resp: 154996

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

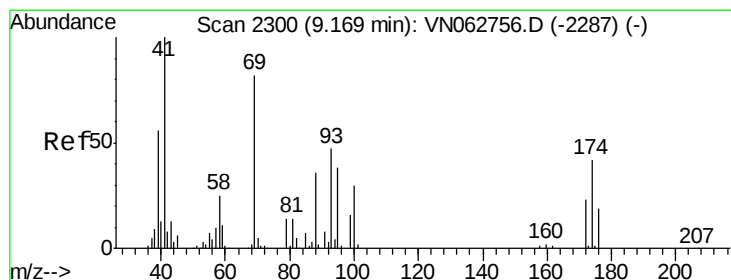
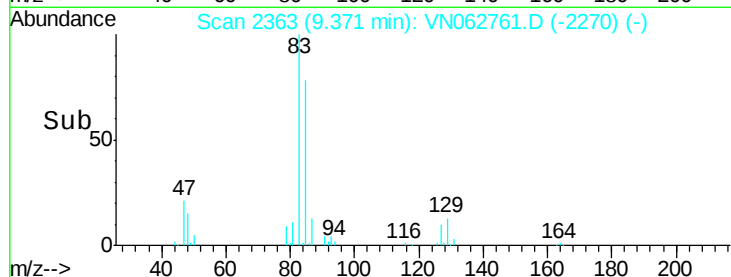
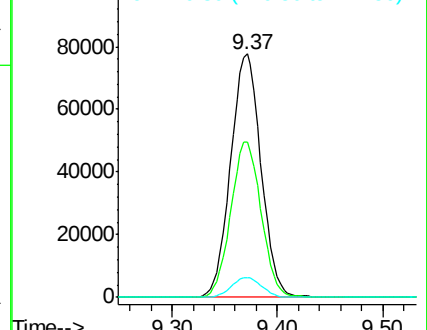
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062761.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062761.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062761.D (-2270) (-)



#48

Methyl methacrylate

Concen: 51.092 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

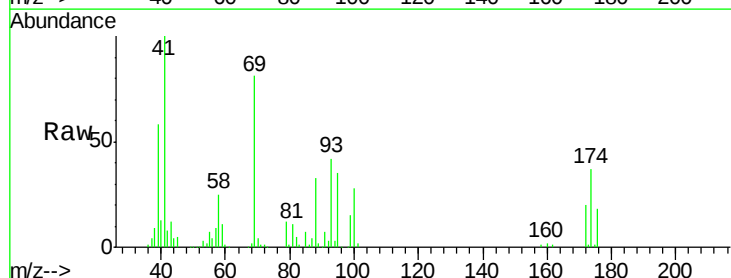
Tgt Ion: 41 Resp: 114867

Ion Ratio Lower Upper

41 100

69 84.5 67.4 101.2

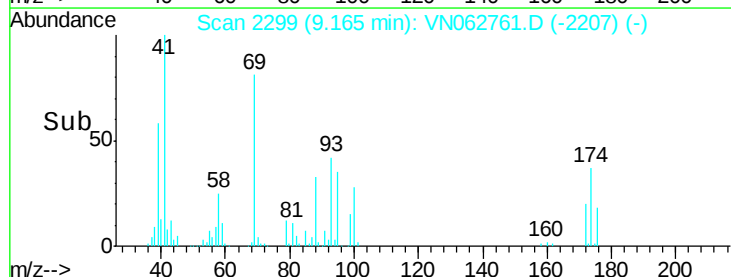
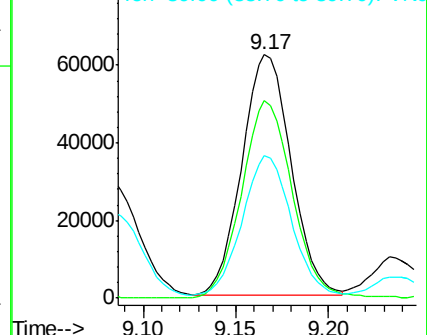
39 57.8 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062761.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062761.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062761.D (-2207) (-)

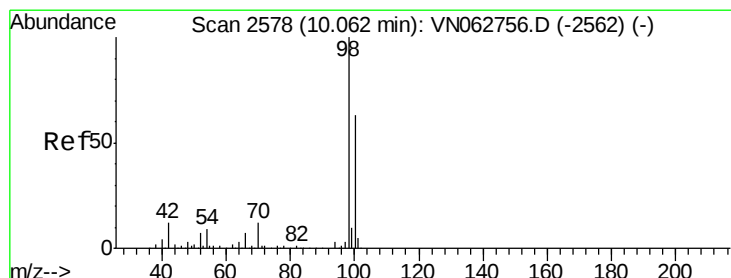
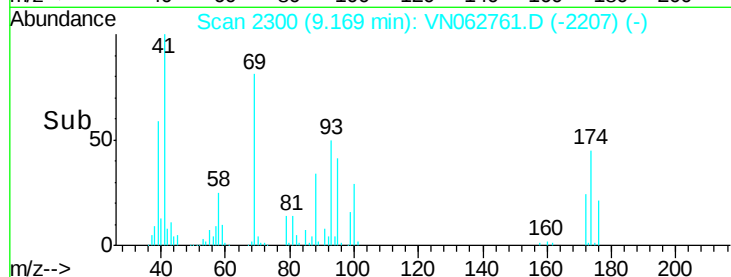
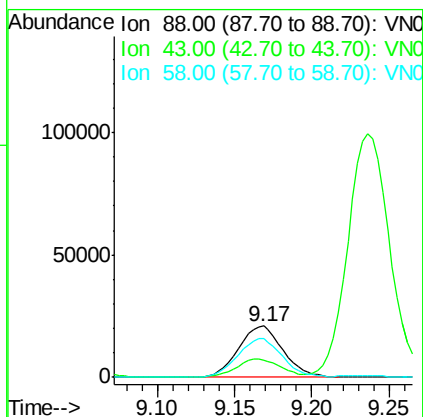
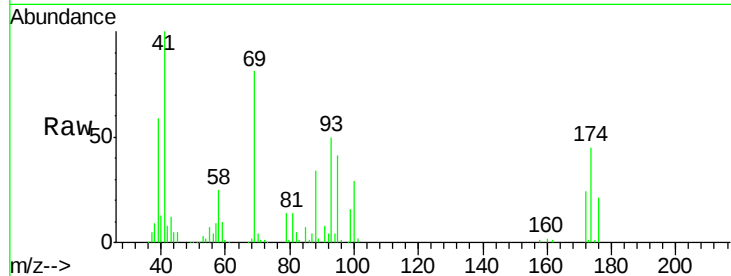




#49
1,4-Dioxane
Concen: 1010.025 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

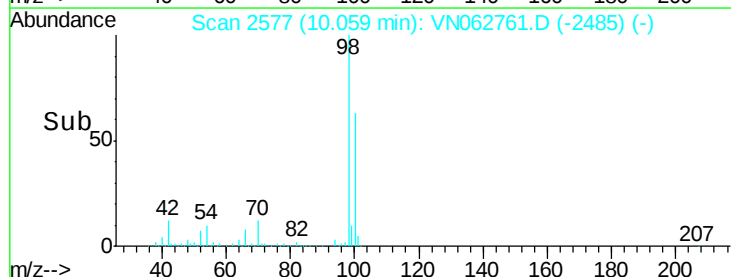
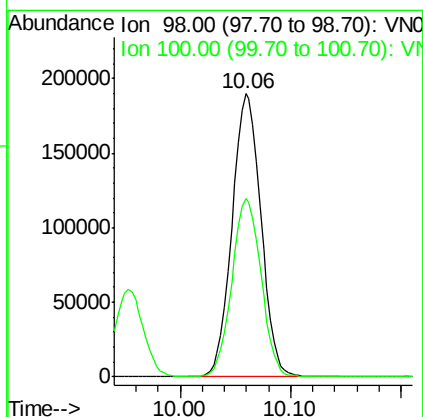
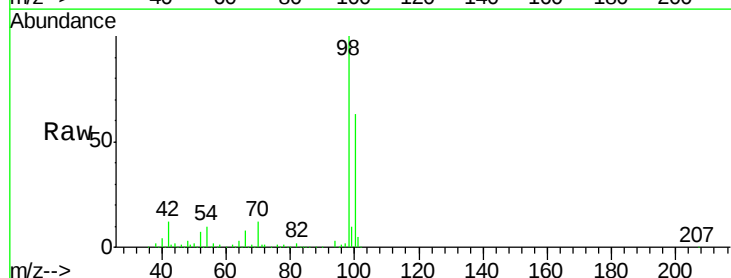
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

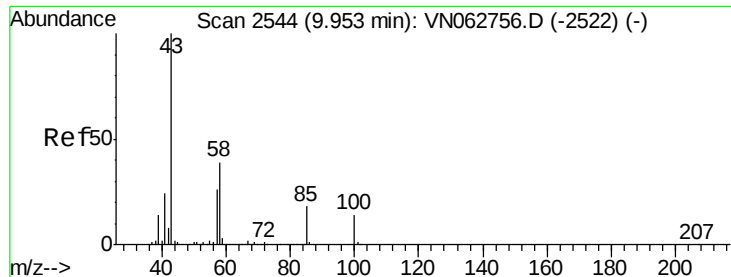
Tot Ion: 88 Resp: 42076
Ion Ratio Lower Upper
88 100
43 34.7 29.5 44.3
58 75.3 59.8 89.8



#50
Toluene-d8
Concen: 47.939 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 98 Resp: 344927
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 258.686 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

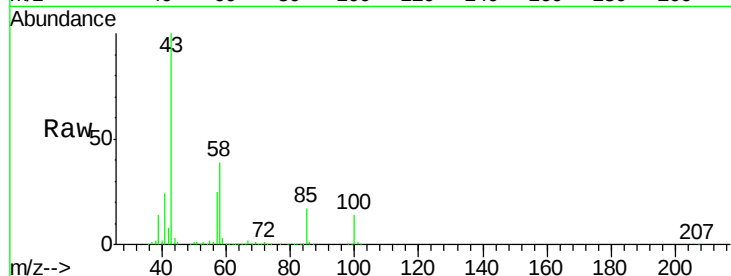
VSTDCCC050

Tot Ion: 43 Resp: 765036

Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.95

400000

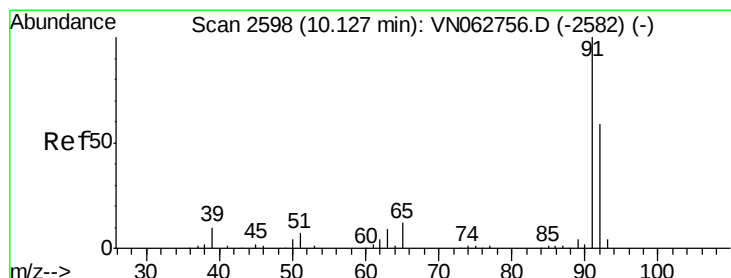
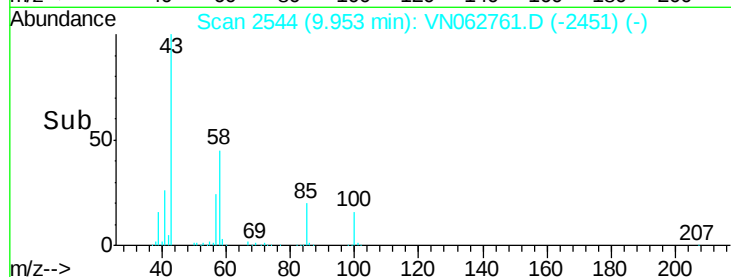
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.866 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062761.D

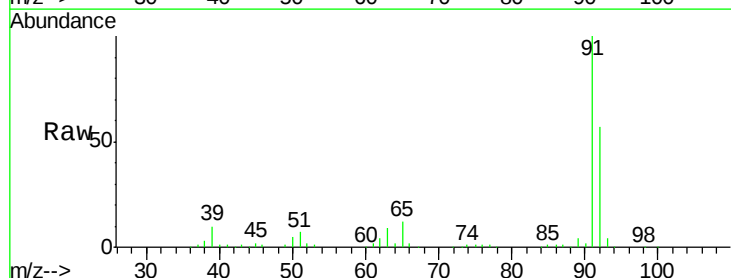
Acq: 6 Aug 2020 12:37

Tgt Ion: 92 Resp: 241016

Ion Ratio Lower Upper

92 100

91 174.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

10.12

250000

200000

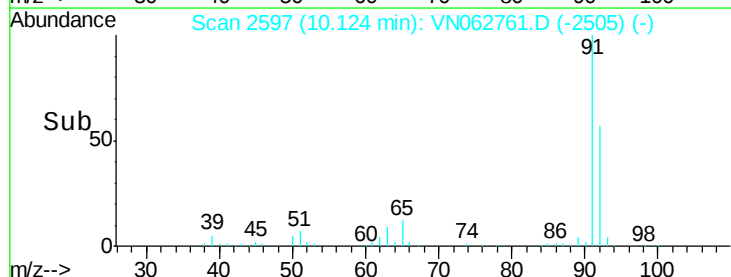
150000

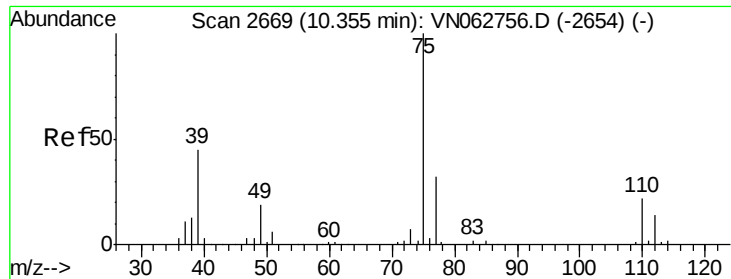
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.669 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

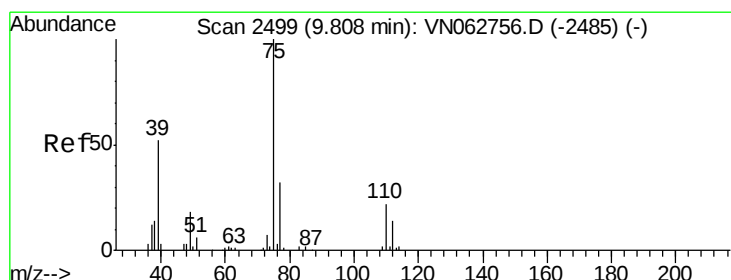
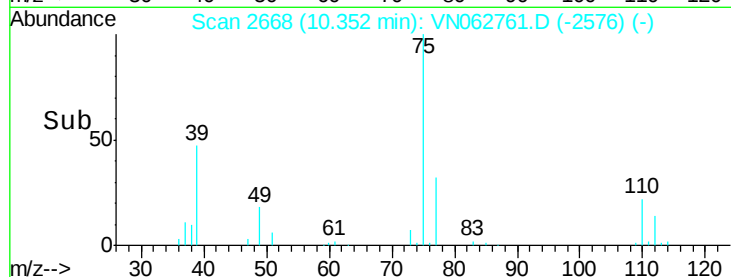
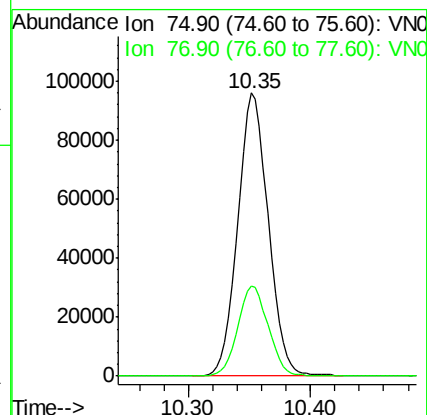
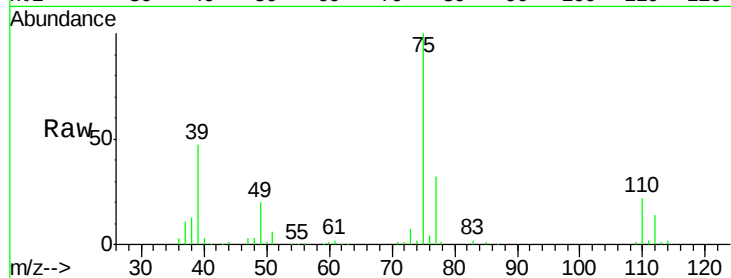
VSTDCCC050

Tot Ion: 75 Resp: 166912

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.257 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

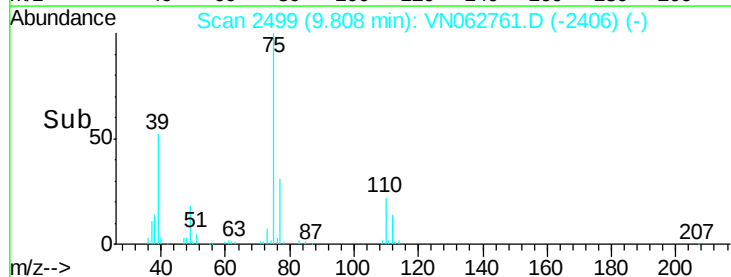
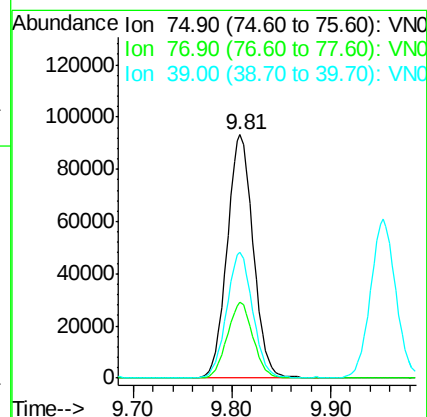
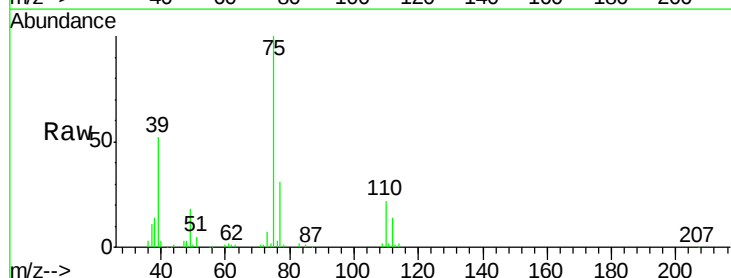
Tgt Ion: 75 Resp: 173050

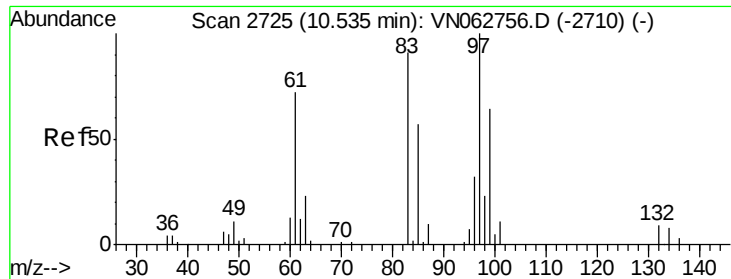
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 51.9 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 48.849 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 100838

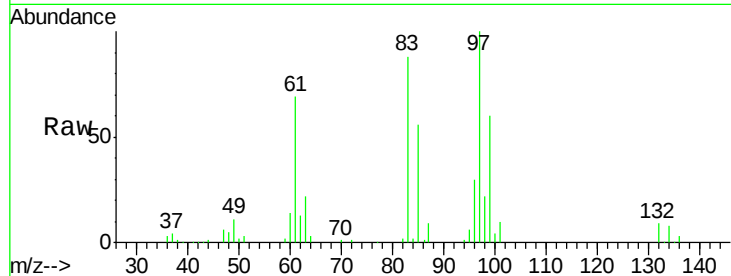
Ion Ratio Lower Upper

97 100

83 88.0 72.6 108.8

85 55.8 46.0 69.0

99 60.5 51.1 76.7



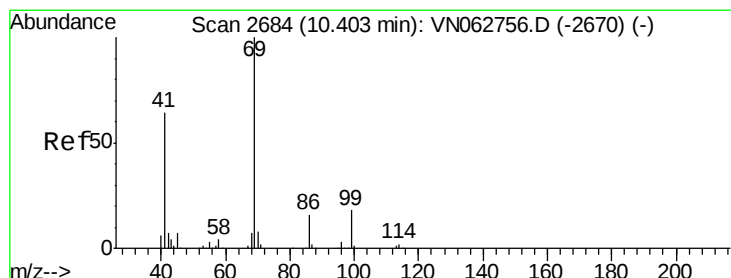
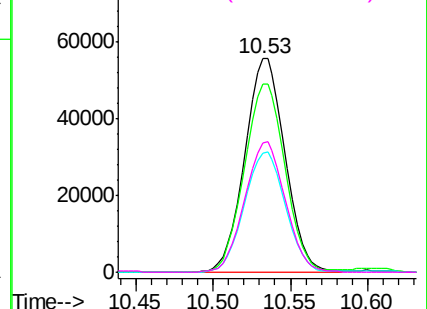
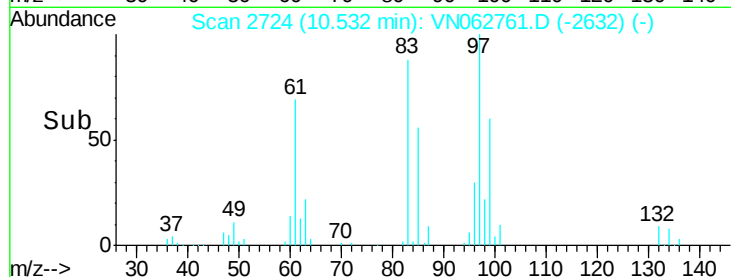
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.080 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

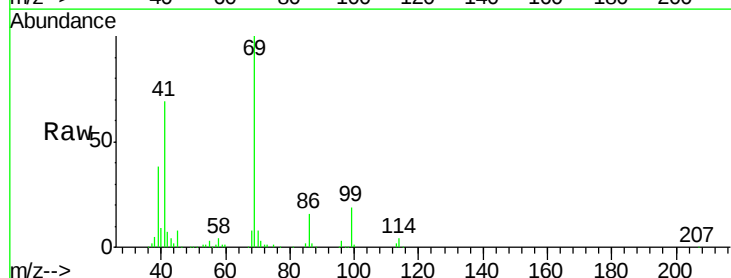
Tgt Ion: 69 Resp: 161819

Ion Ratio Lower Upper

69 100

41 68.4 52.2 78.2

39 39.1 30.9 46.3

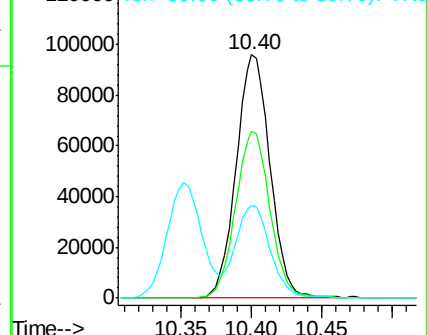
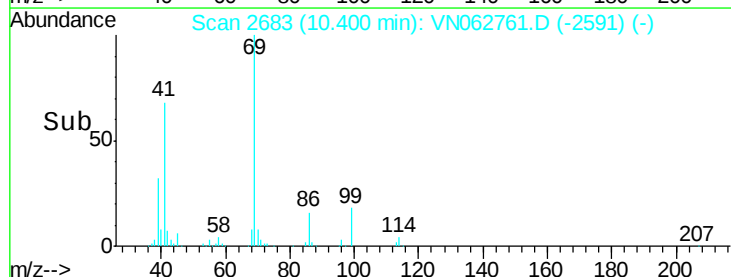


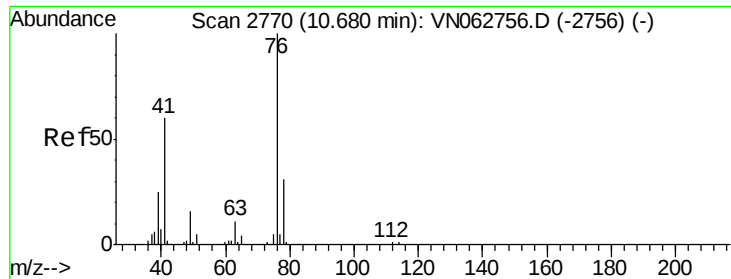
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.829 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

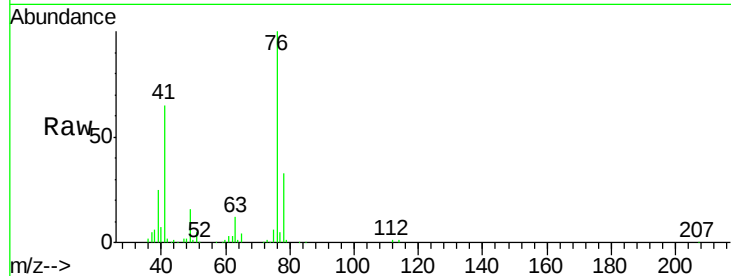
VSTDCCC050

Tot Ion: 76 Resp: 171266

Ion Ratio Lower Upper

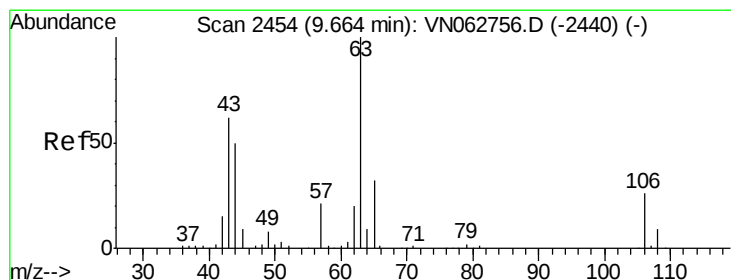
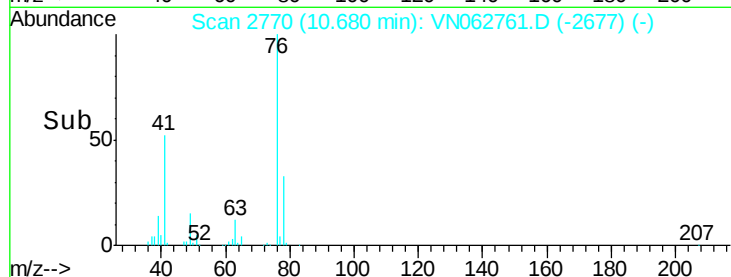
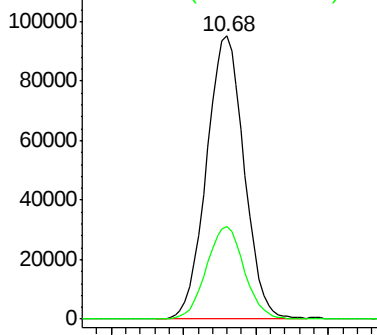
76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 254.316 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062761.D

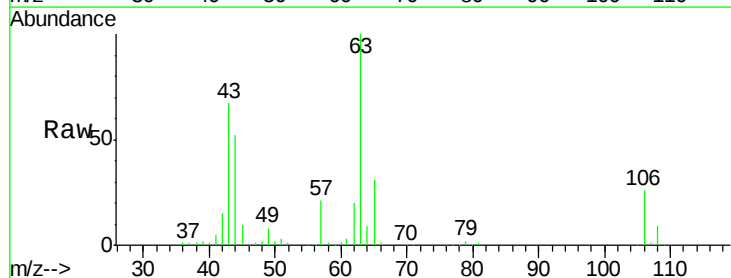
Acq: 6 Aug 2020 12:37

Tgt Ion: 63 Resp: 223359

Ion Ratio Lower Upper

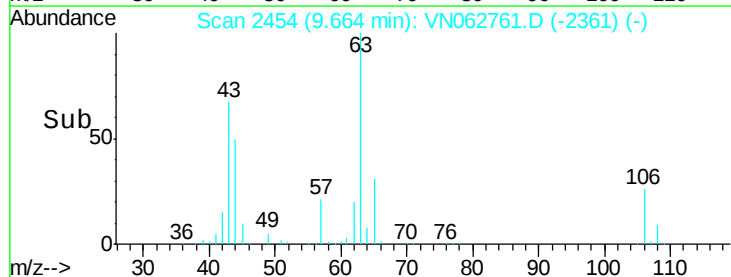
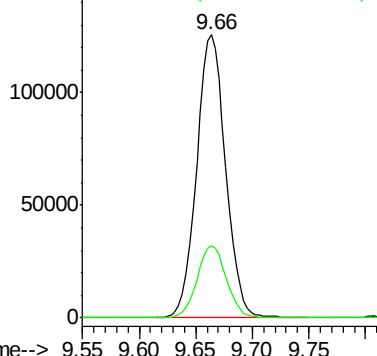
63 100

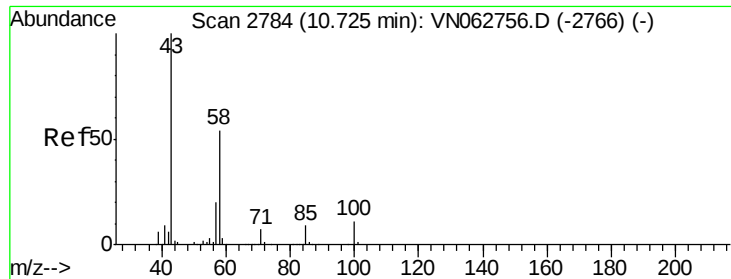
106 25.8 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

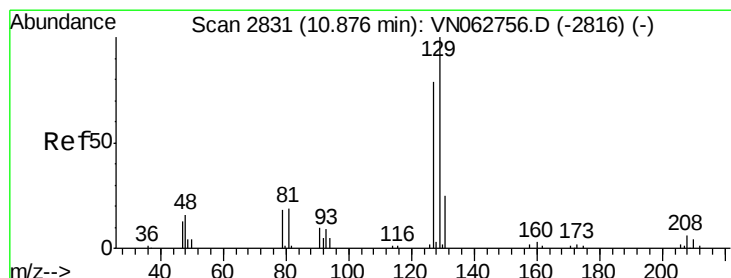
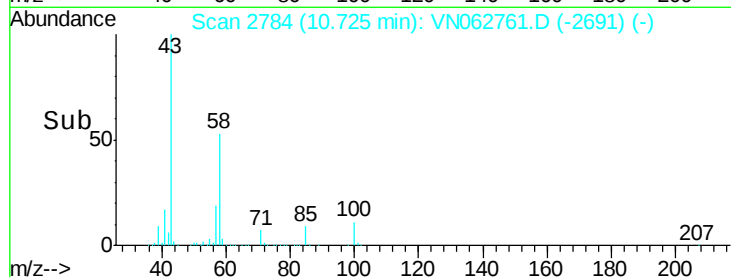
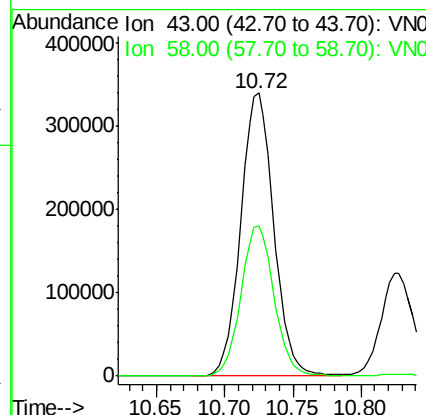
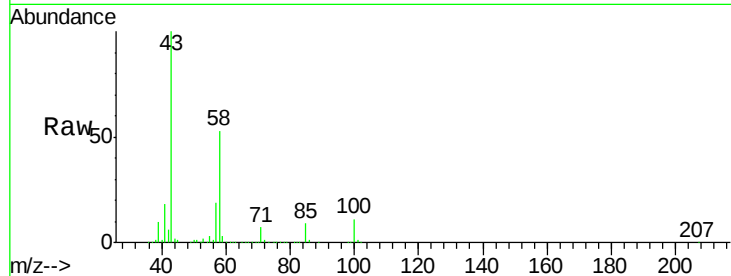




#59
2-Hexanone
Concen: 258.808 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

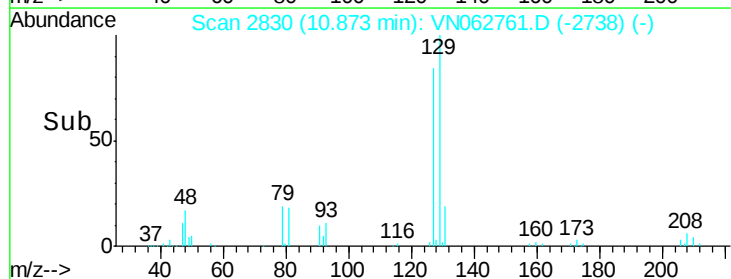
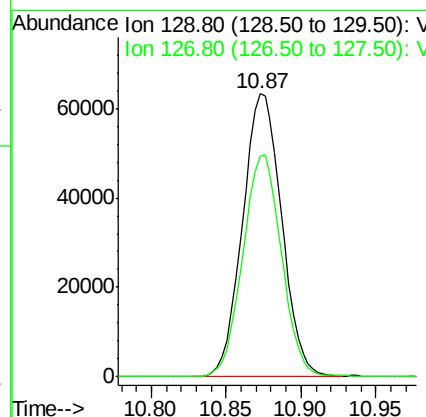
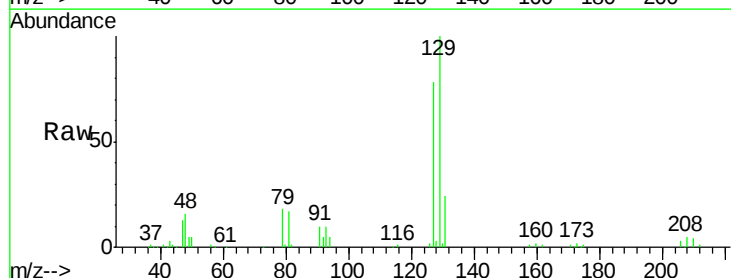
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

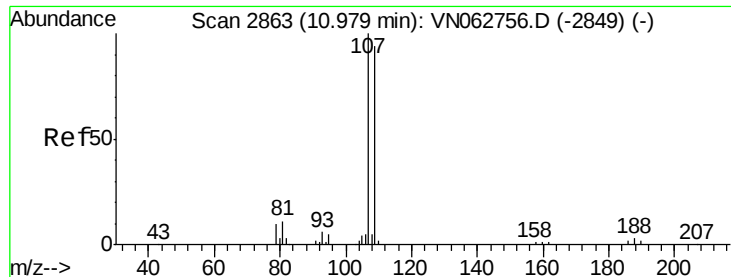
Tot Ion: 43 Resp: 570941
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 48.998 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 129 Resp: 115425
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

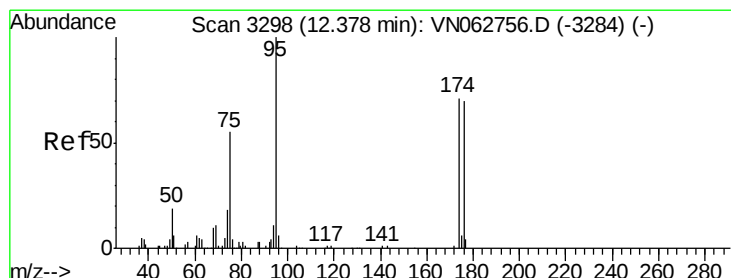
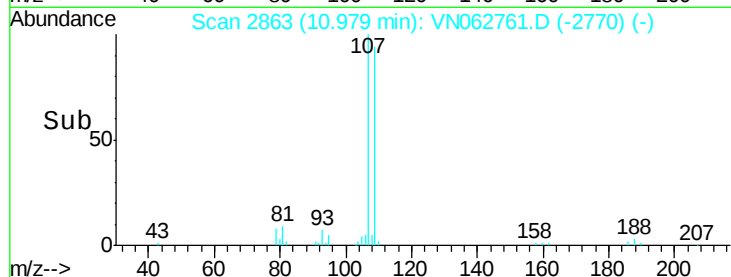
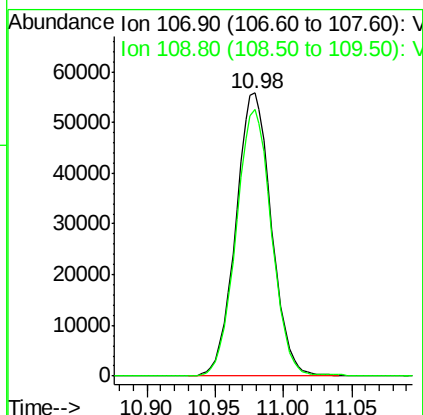
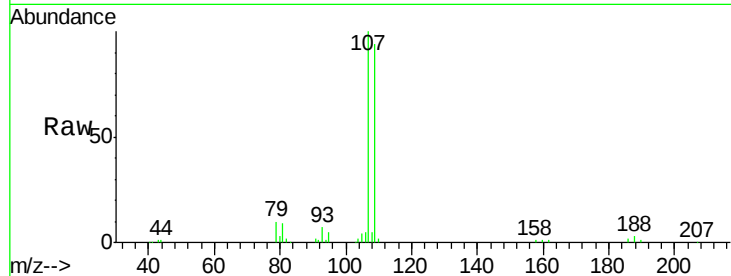




#61
 1,2-Dibromoethane
 Concen: 49.627 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

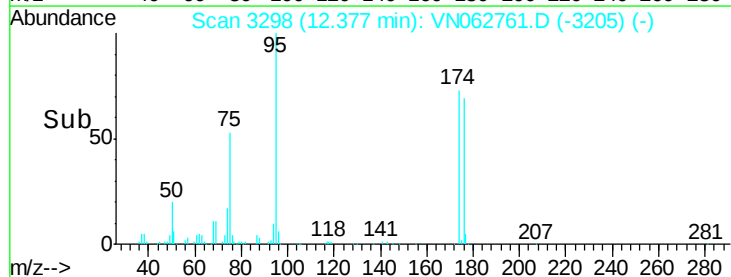
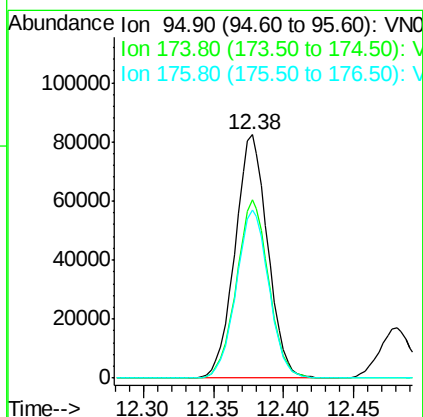
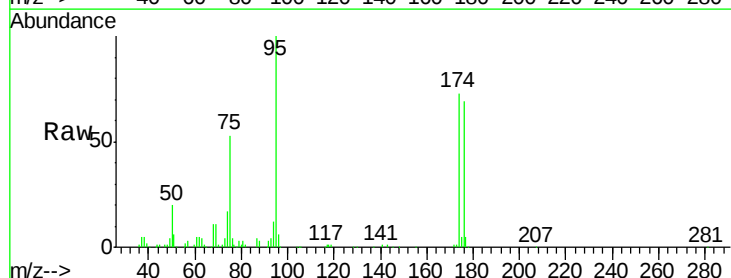
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

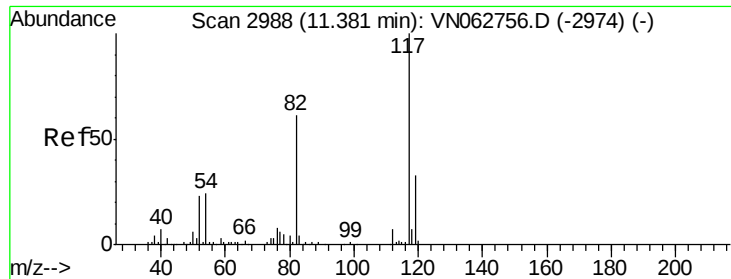
Tot Ion:107 Resp: 101087
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.202 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion: 95 Resp: 133781
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 144.8
 176 69.1 0.0 142.2

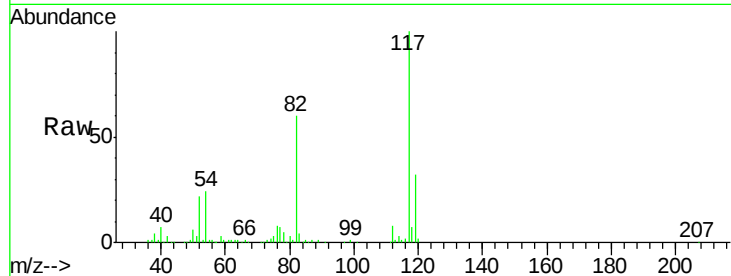




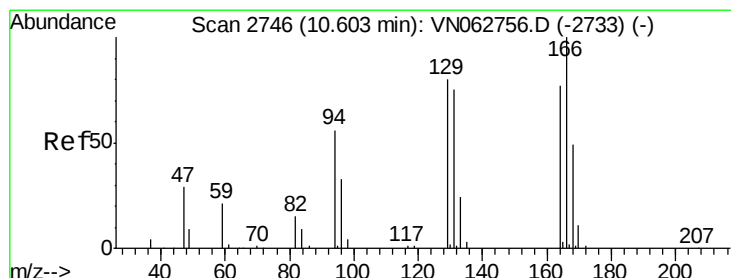
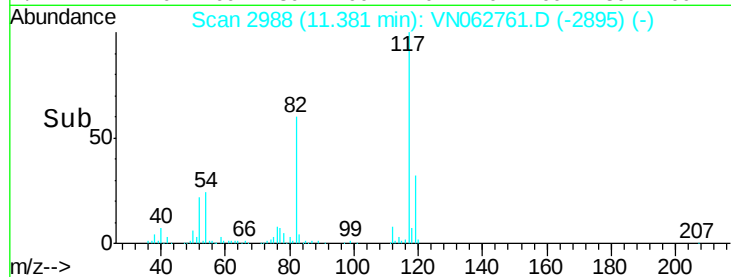
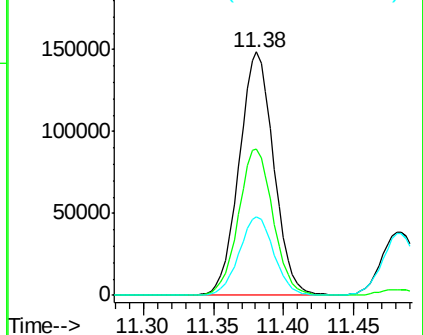
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 254870
Ion Ratio Lower Upper
117 100
82 60.2 49.0 73.4
119 32.4 26.2 39.2



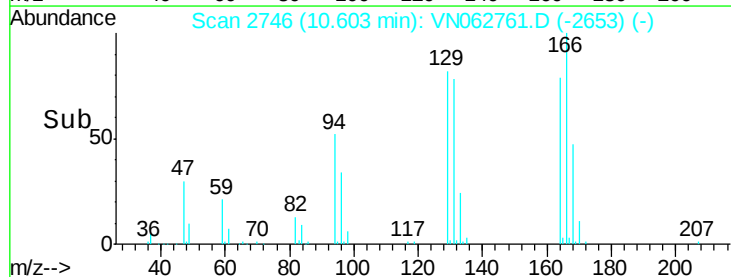
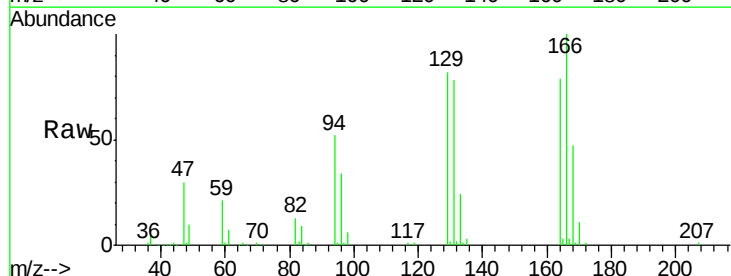
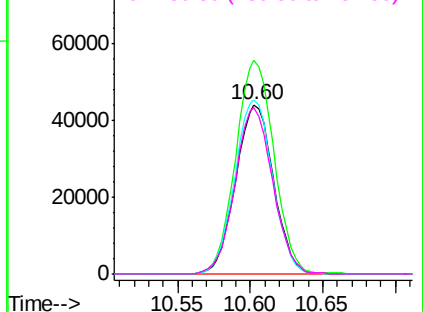
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

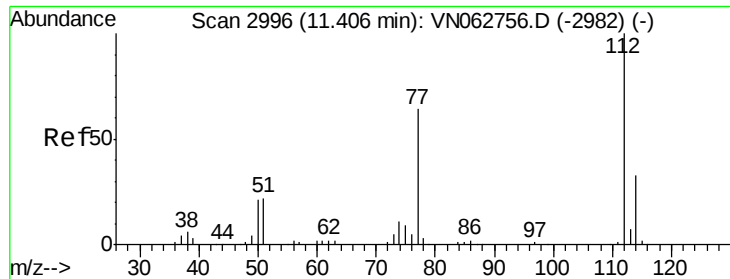


#64
Tetrachloroethene
Concen: 48.713 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:164 Resp: 80107
Ion Ratio Lower Upper
164 100
166 126.2 103.8 155.8
129 102.9 82.7 124.1
131 98.3 78.2 117.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

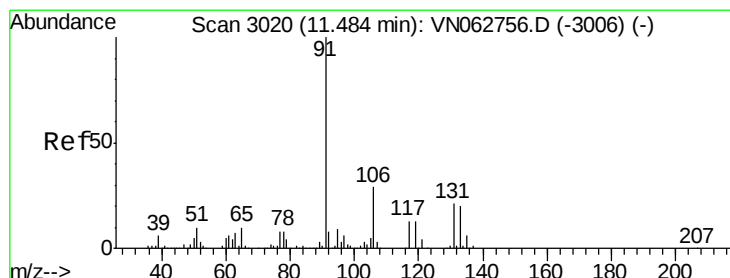
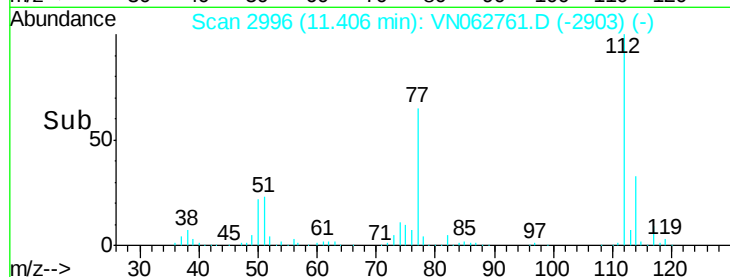
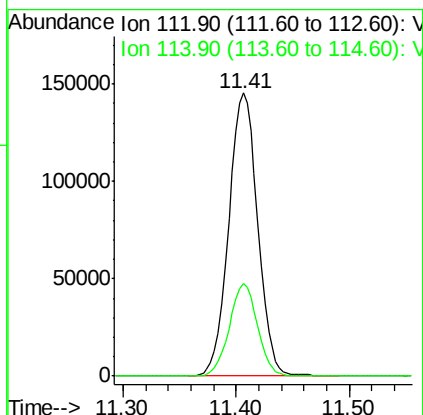
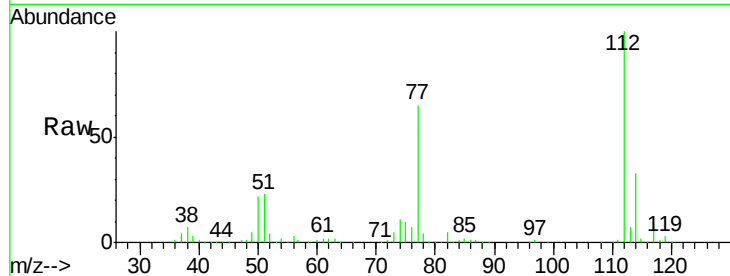




#65
Chlorobenzene
Concen: 48.509 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

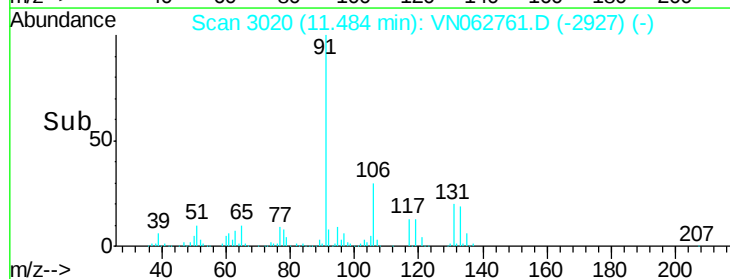
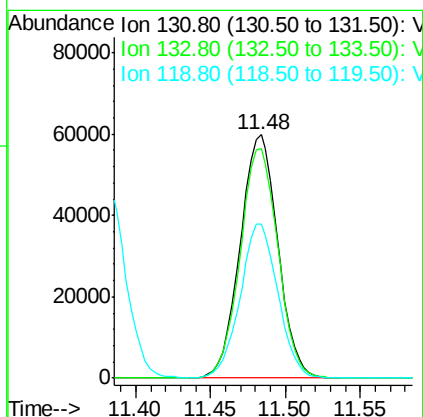
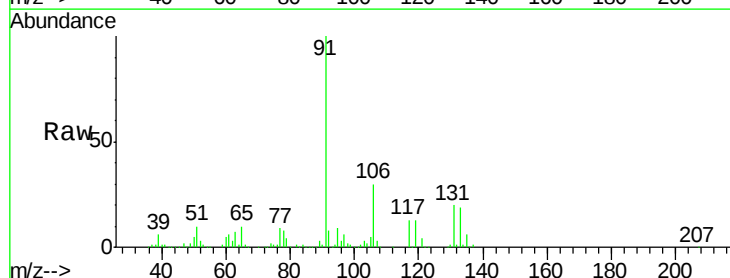
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

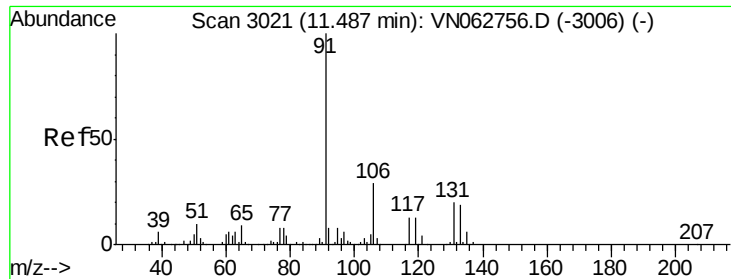
Tot Ion:112 Resp: 258442
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.053 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:131 Resp: 104949
Ion Ratio Lower Upper
131 100
133 94.8 48.6 145.8
119 63.3 32.2 96.6

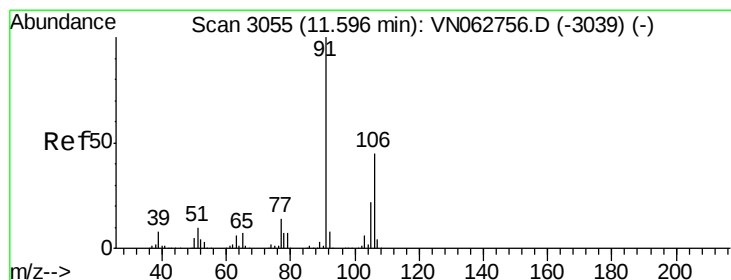
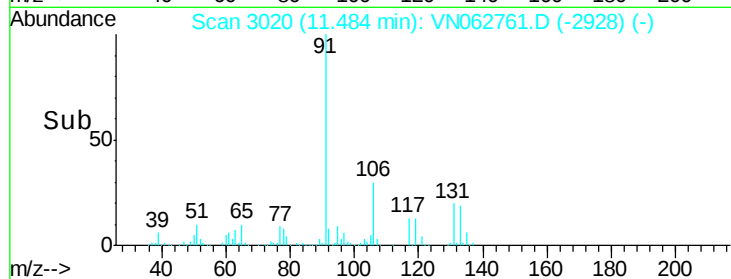
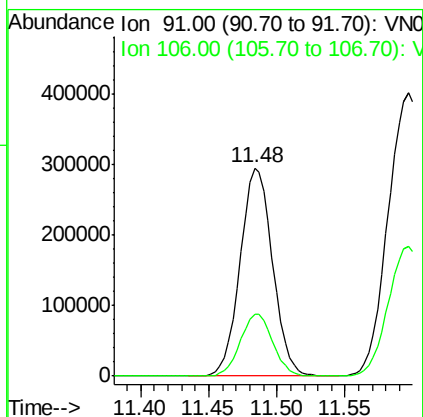
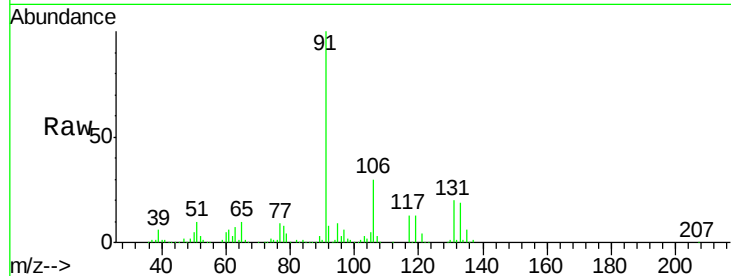




#67
Ethyl Benzene
Concen: 51.107 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

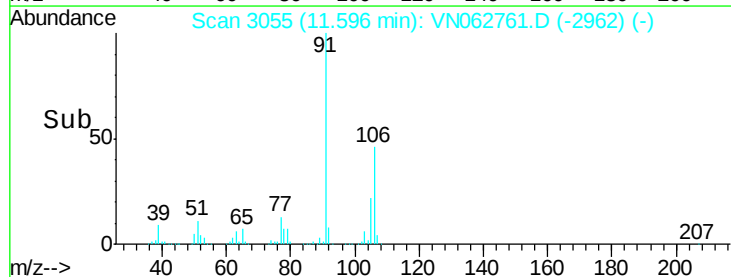
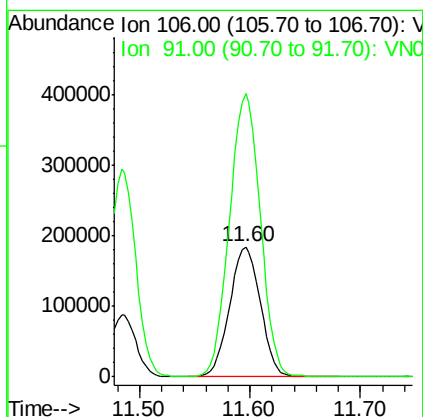
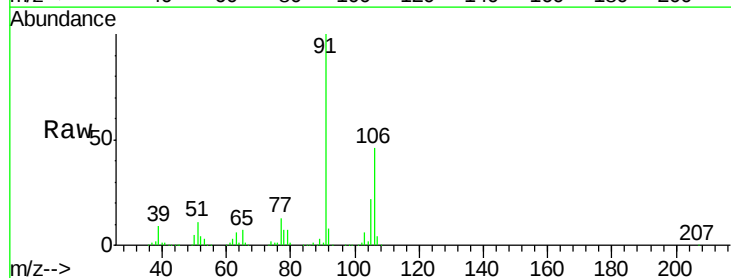
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 487248
Ion Ratio Lower Upper
91 100
106 29.9 23.2 34.8



#68
m/p-Xylenes
Concen: 102.978 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 106 Resp: 356390
Ion Ratio Lower Upper
106 100
91 218.4 175.9 263.9

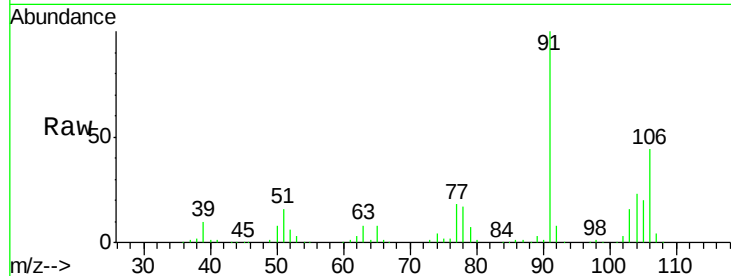




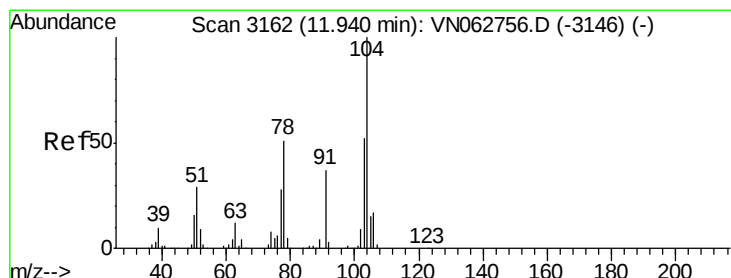
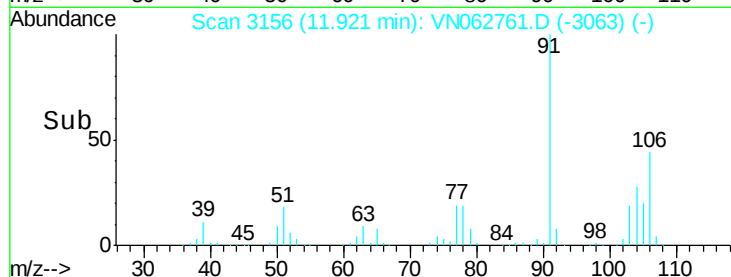
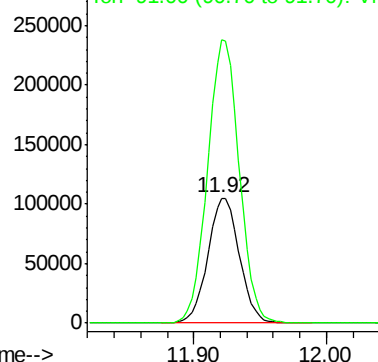
#69
o-Xylene
Concen: 53.400 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 173190
Ion Ratio Lower Upper
106 100
91 227.8 115.8 347.4

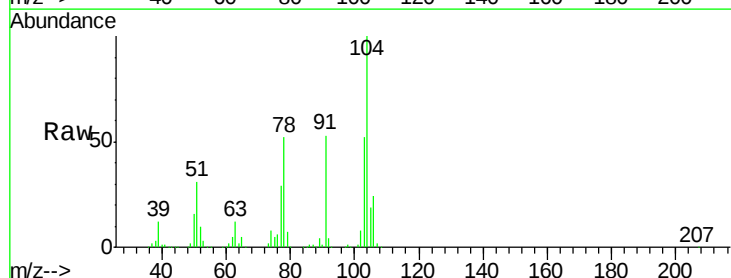


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

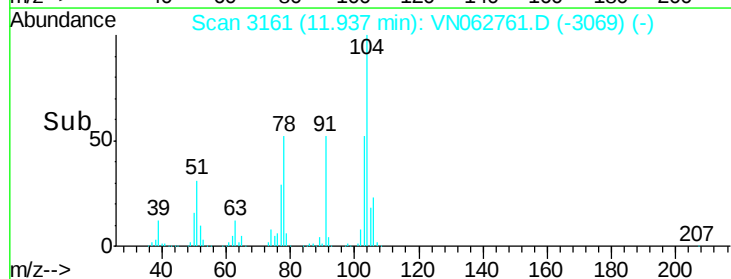
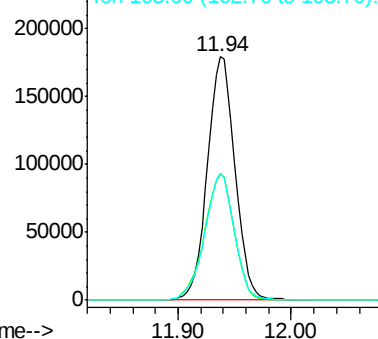


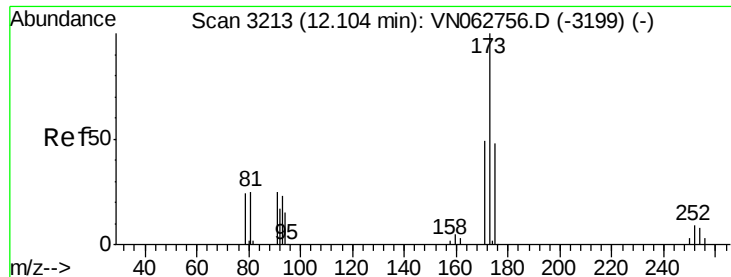
#70
Styrene
Concen: 53.585 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:104 Resp: 305480
Ion Ratio Lower Upper
104 100
78 56.0 45.9 68.9
103 55.5 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.313 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

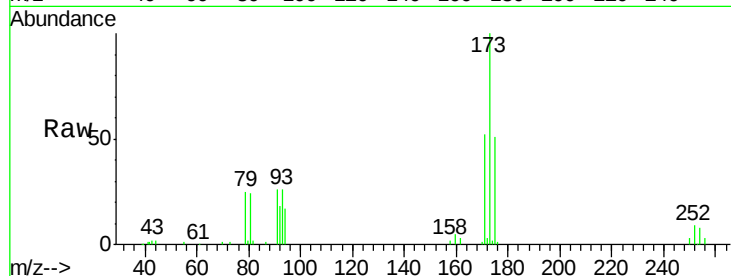
Tot Ion:173 Resp: 82823

Ion Ratio Lower Upper

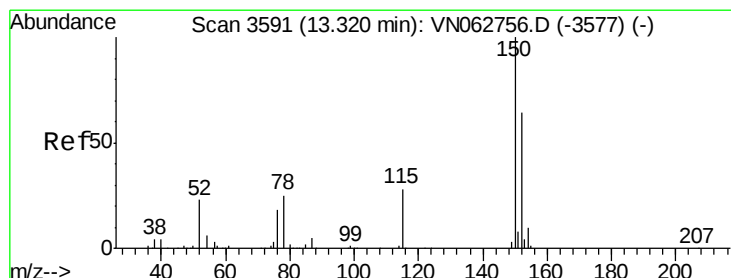
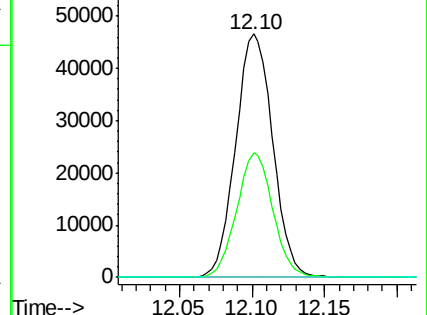
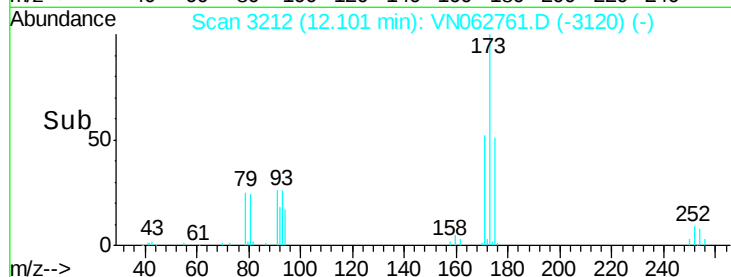
173 100

175 49.9 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

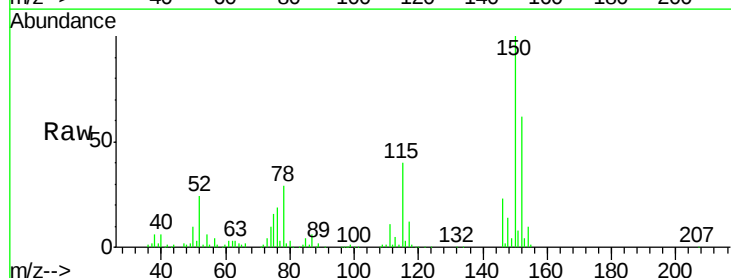
Tgt Ion:152 Resp: 125183

Ion Ratio Lower Upper

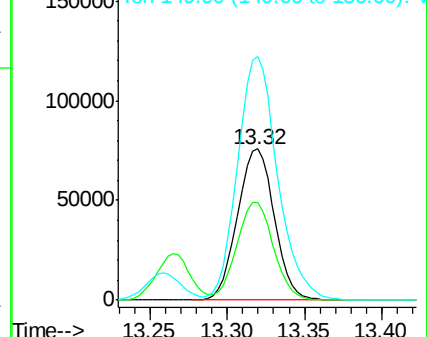
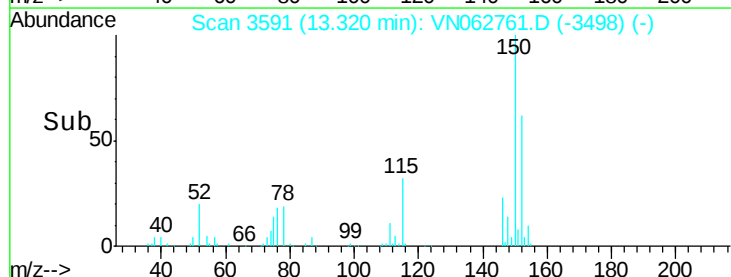
152 100

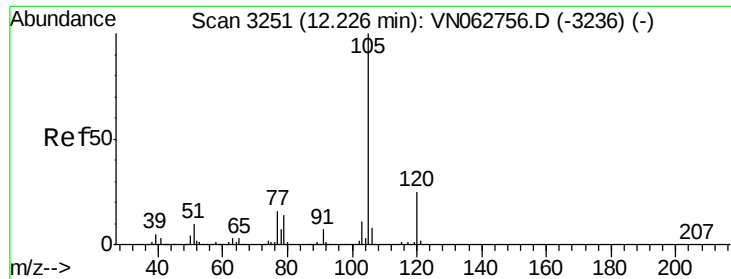
115 63.8 31.6 94.8

150 175.2 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: 51.380 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

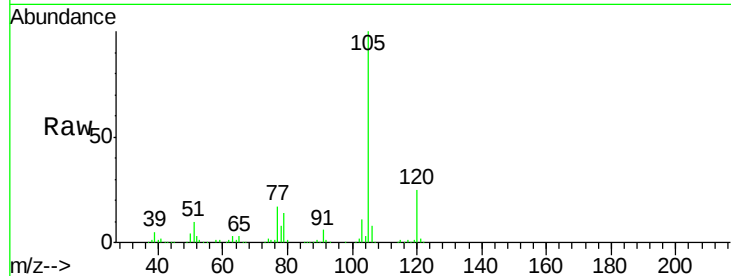
VSTDCCC050

Tot Ion:105 Resp: 484318

Ion Ratio Lower Upper

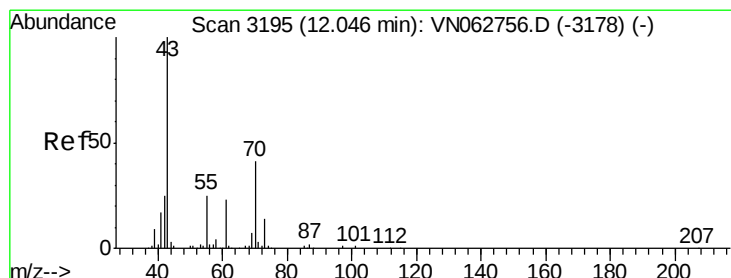
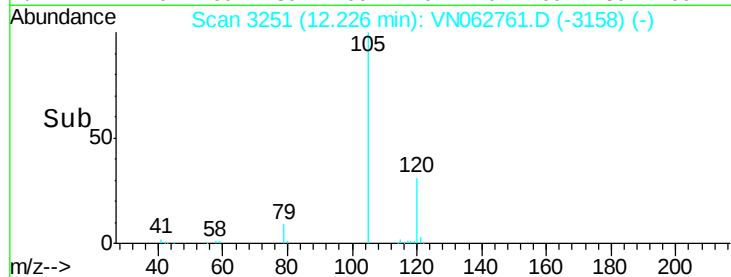
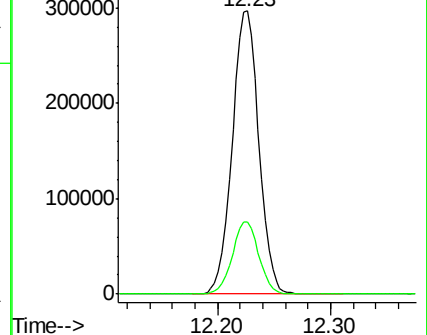
105 100

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



#74

N-ethyl acetate

Concen: 54.531 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Tgt Ion: 43 Resp: 208306

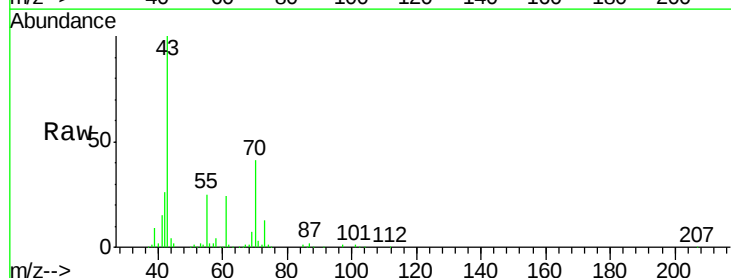
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 24.7 20.2 30.2

61 23.5 18.2 27.4

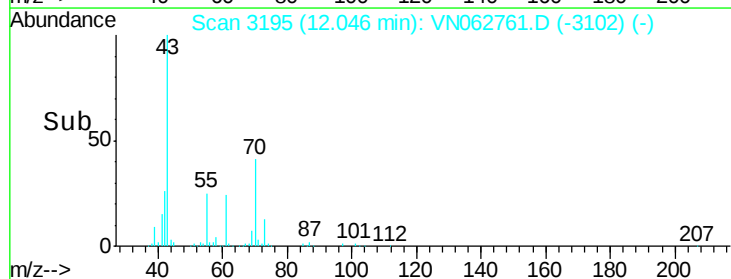
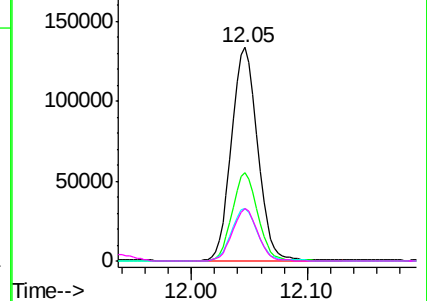


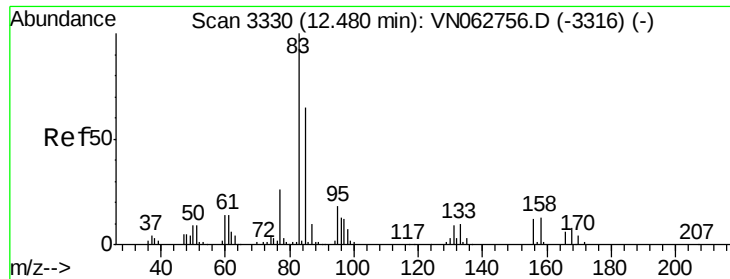
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.700 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

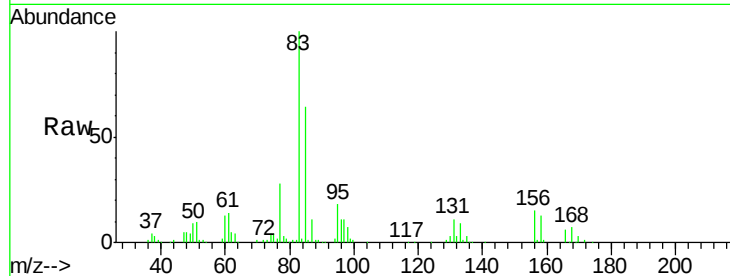
Tot Ion: 83 Resp: 158283

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

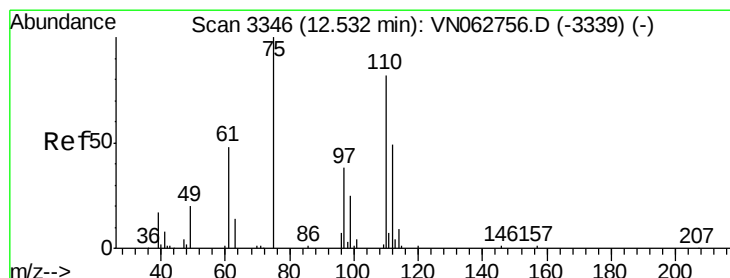
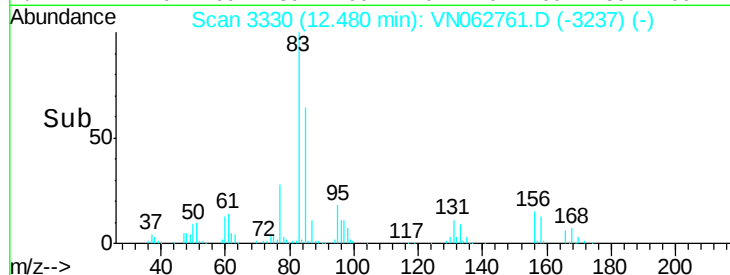
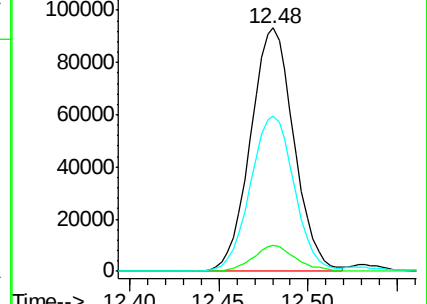
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062761.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062761.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062761.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 63.051 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062761.D

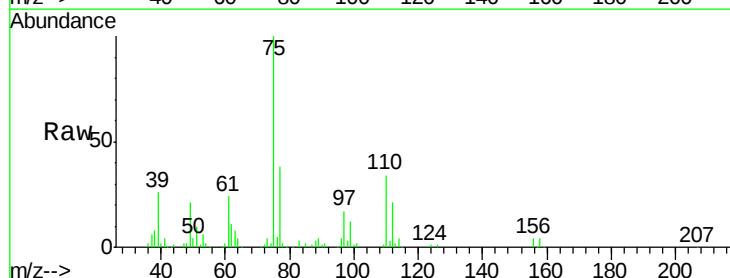
Acq: 6 Aug 2020 12:37

Tgt Ion: 75 Resp: 212862

Ion Ratio Lower Upper

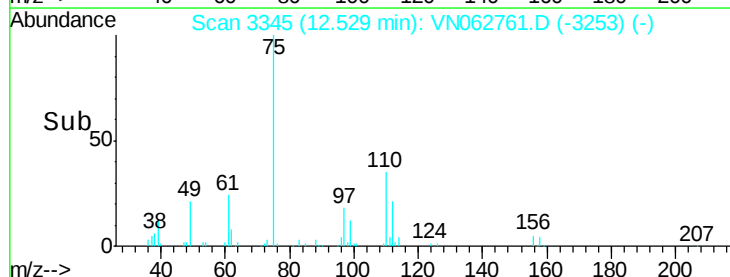
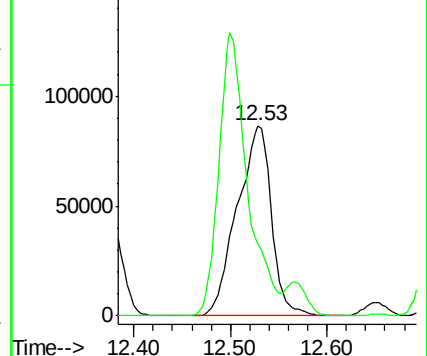
75 100

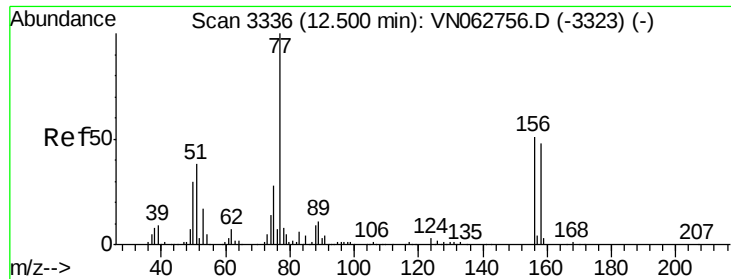
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062761.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062761.D (-3253) (-)





#77

Bromobenzene

Concen: 48.433 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

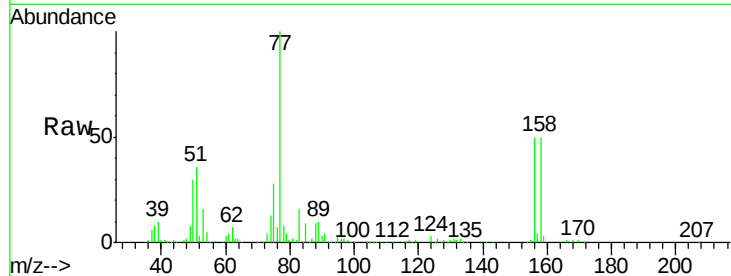
Tot Ion:156 Resp: 113436

Ion Ratio Lower Upper

156 100

77 234.1 119.7 359.1

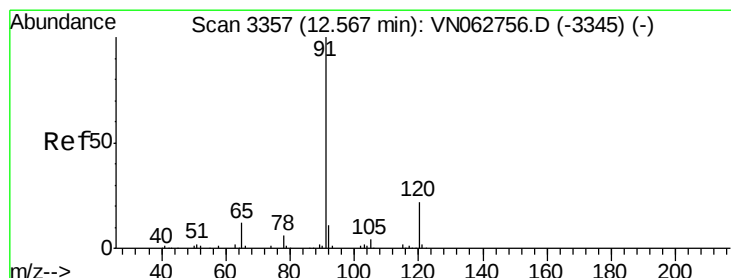
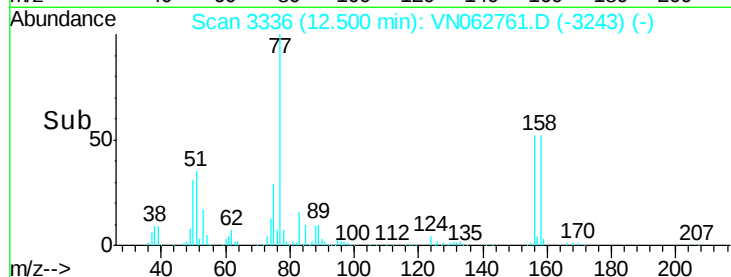
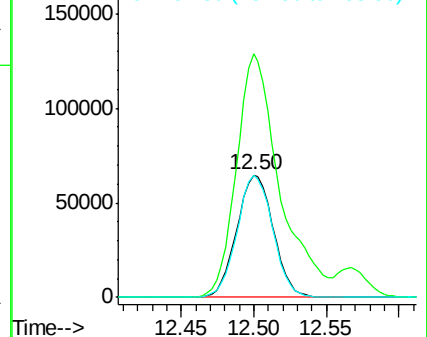
158 97.6 48.1 144.3



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: 51.935 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062761.D

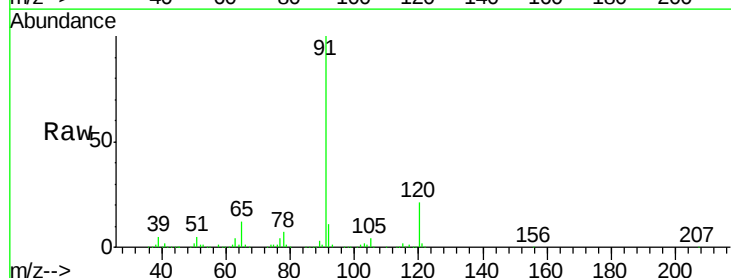
Acq: 6 Aug 2020 12:37

Tgt Ion: 91 Resp: 574659

Ion Ratio Lower Upper

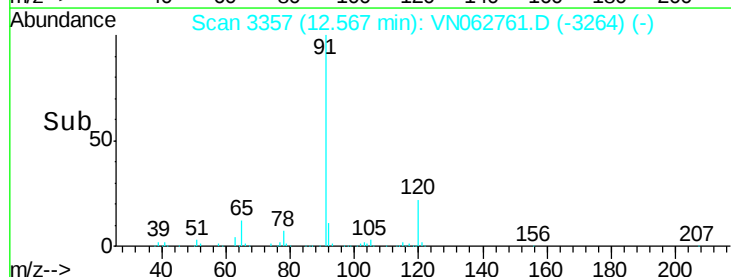
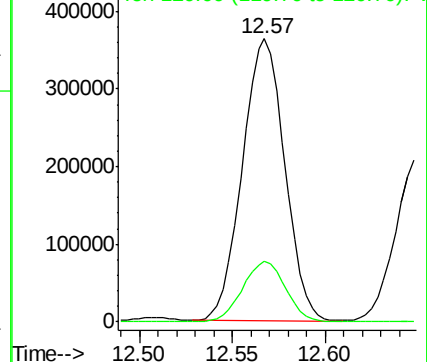
91 100

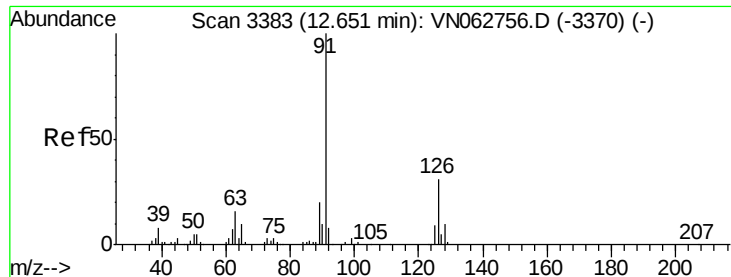
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

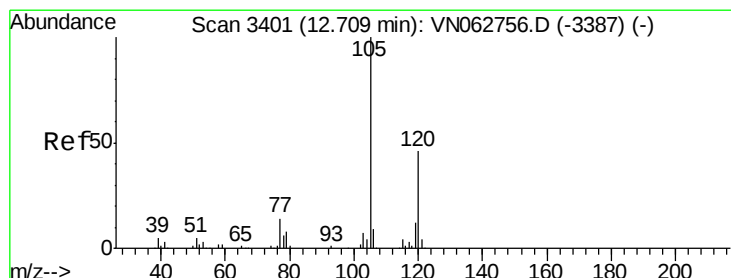
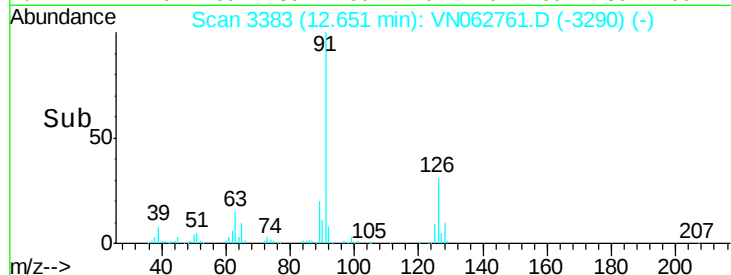
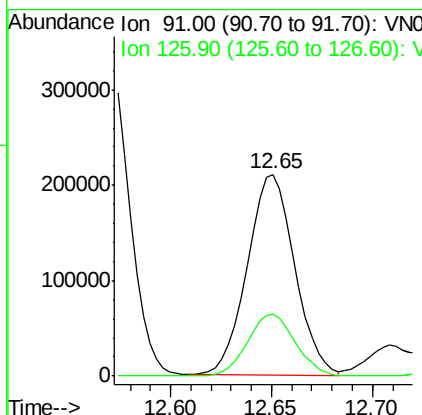
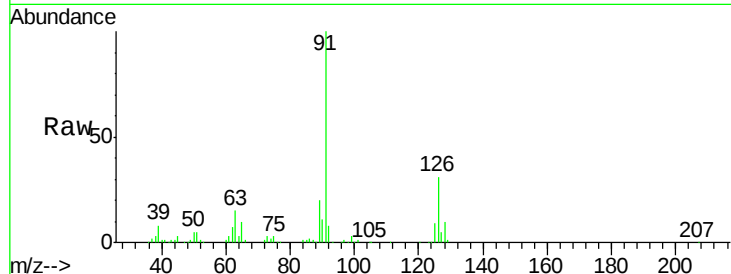




#79
 2-Chlorotoluene
 Concen: 49.810 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

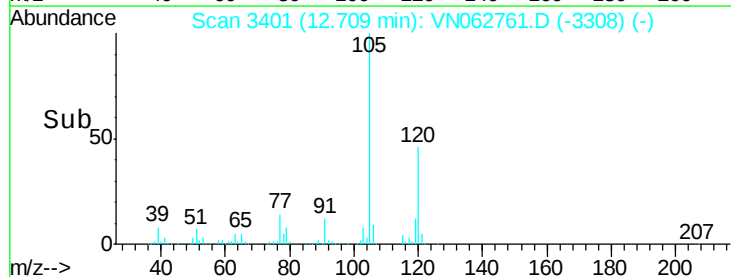
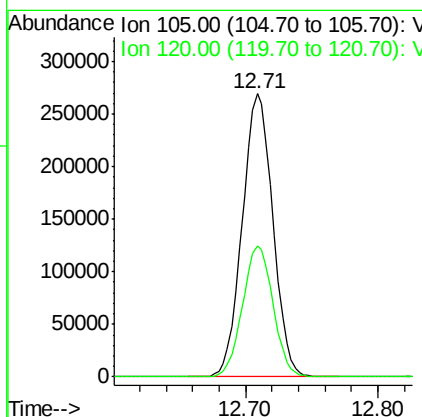
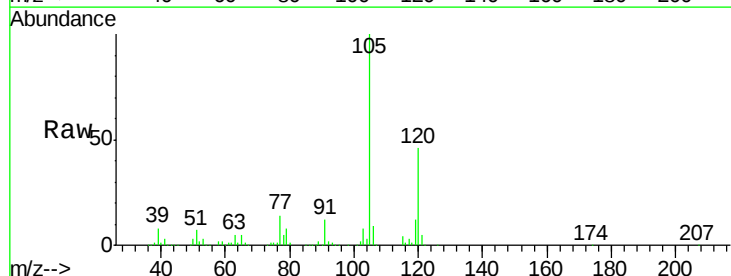
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

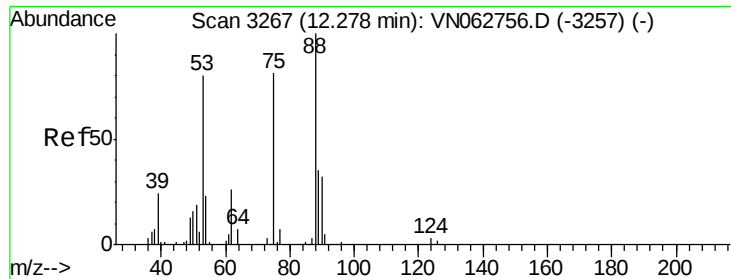
Tot Ion: 91 Resp: 345620
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.541 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion: 105 Resp: 429668
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.5

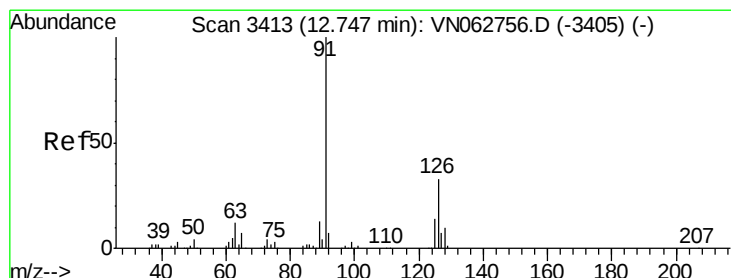
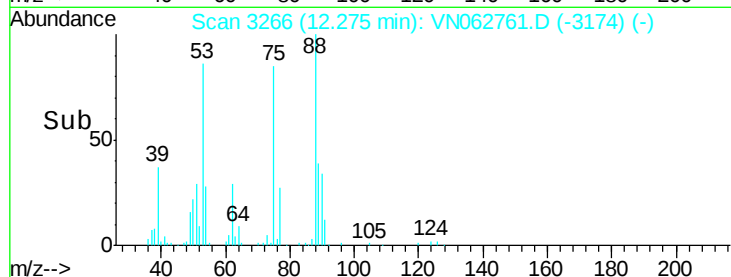
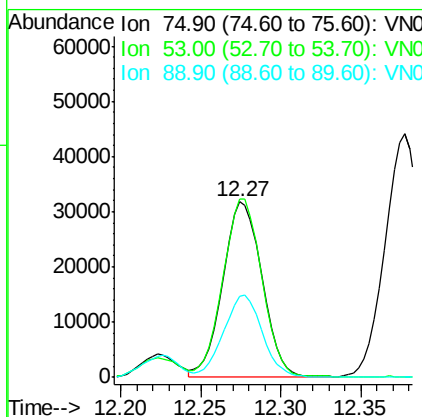
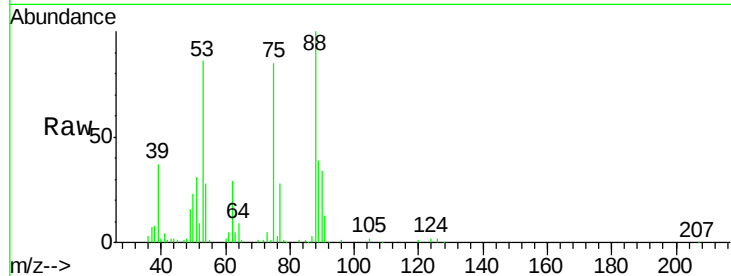




#81
trans-1,4-Dichloro-2-butene
Concen: 48.527 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

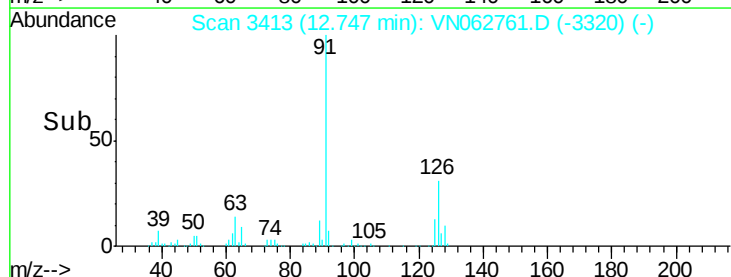
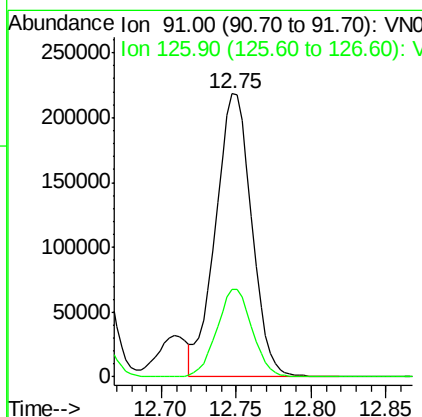
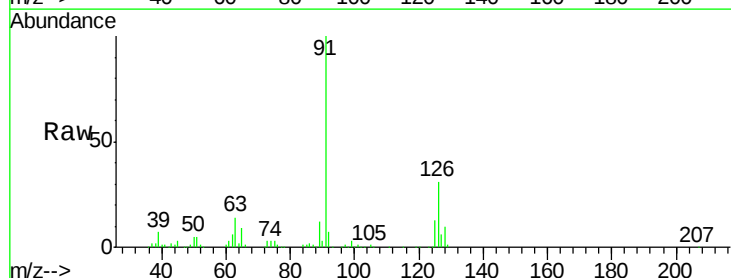
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

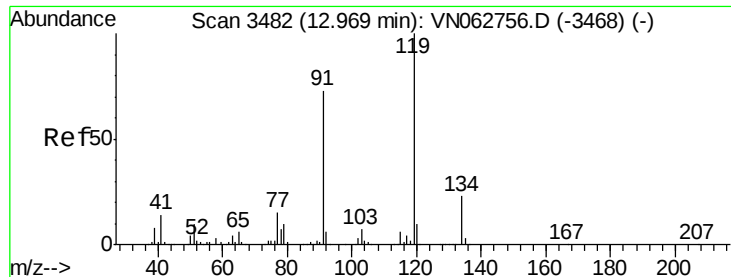
Tot Ion: 75 Resp: 53667
Ion Ratio Lower Upper
75 100
53 100.9 79.1 118.7
89 45.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 51.197 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion: 91 Resp: 366087
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

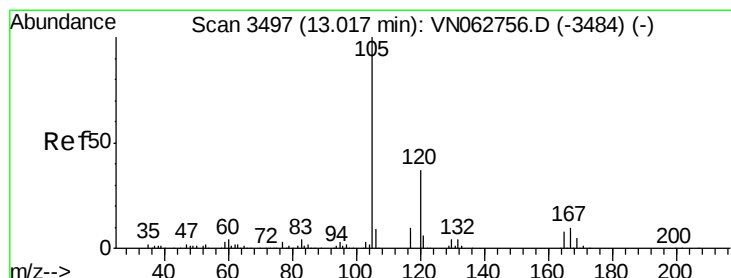
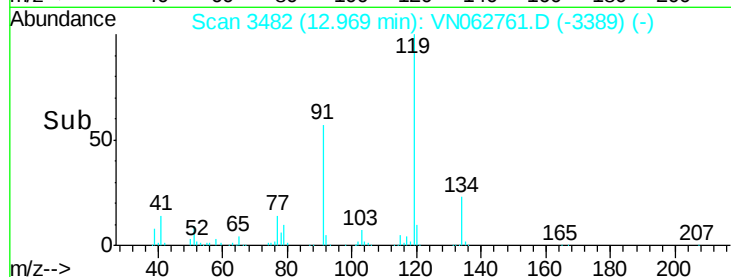
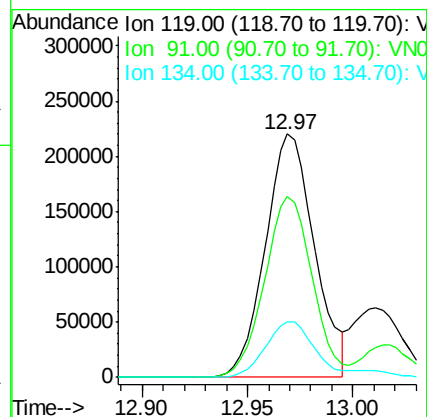
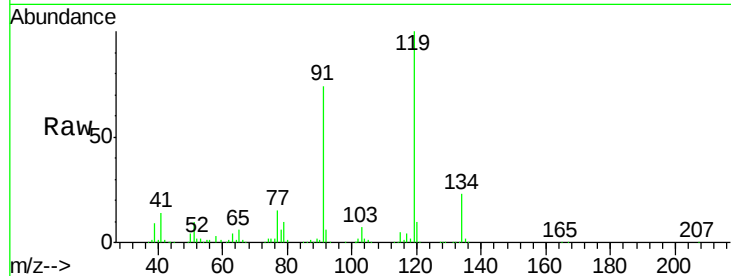




#83
tert-Butylbenzene
Concen: 51.733 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

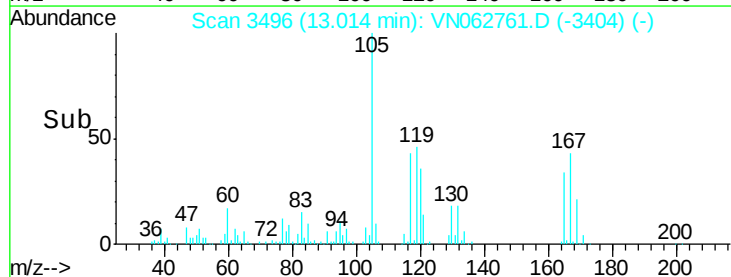
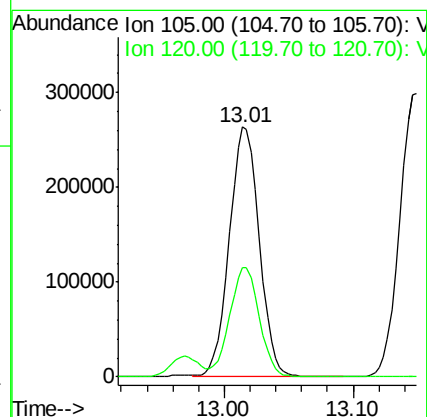
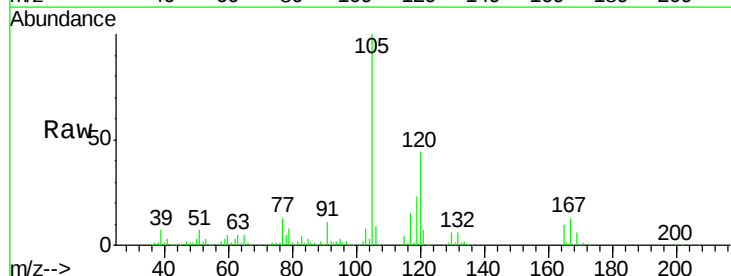
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

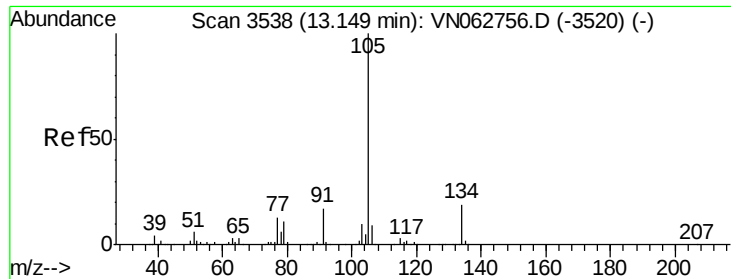
Tot Ion:119 Resp: 357977
Ion Ratio Lower Upper
119 100
91 71.8 36.5 109.5
134 22.6 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 54.008 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:105 Resp: 422526
Ion Ratio Lower Upper
105 100
120 43.3 21.4 64.2

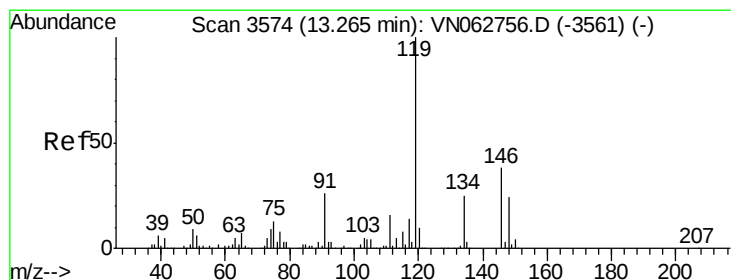
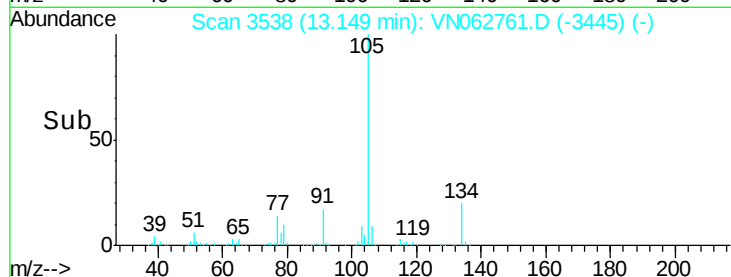
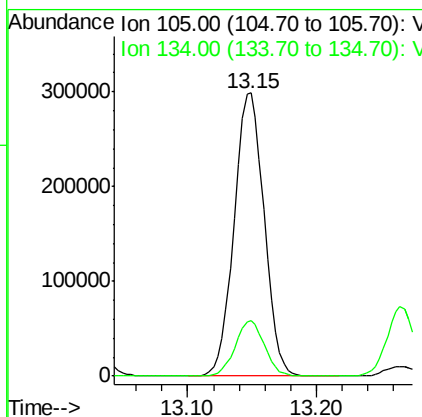
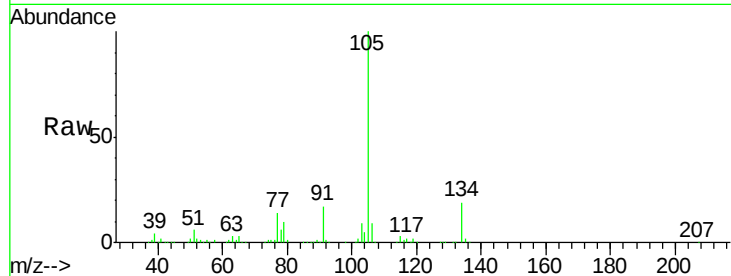




#85
 sec-Butylbenzene
 Concen: 53.041 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

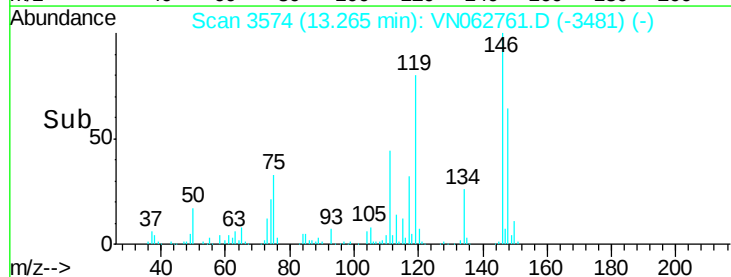
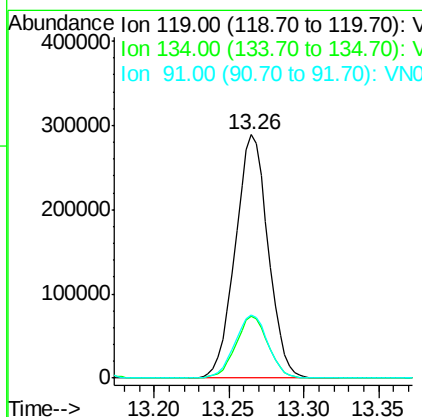
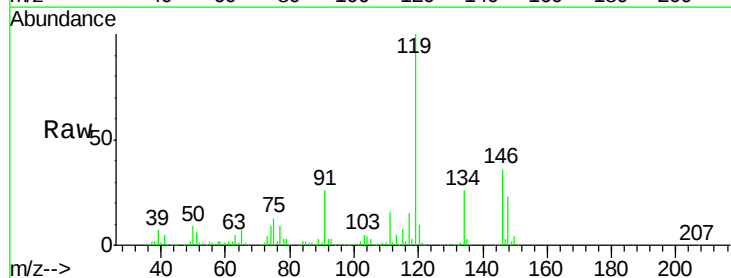
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

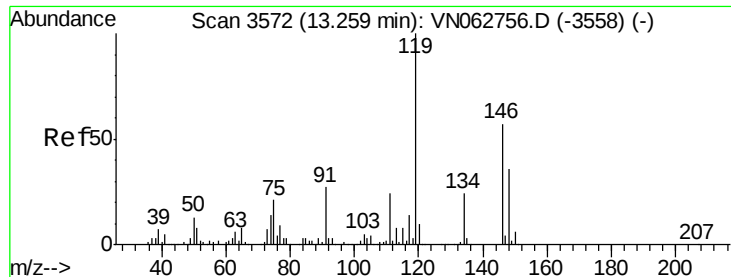
Tot Ion:105 Resp: 481979
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.475 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion:119 Resp: 439391
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.3 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 49.592 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

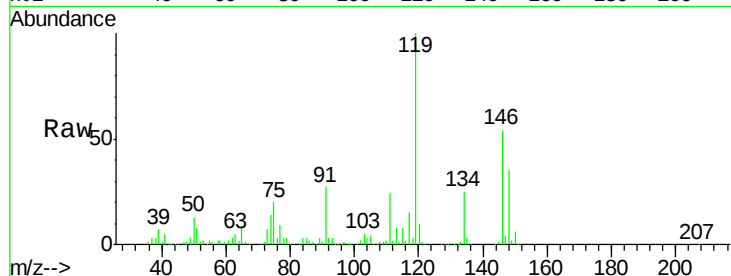
Tot Ion:146 Resp: 207497

Ion Ratio Lower Upper

146 100

111 43.9 21.7 65.1

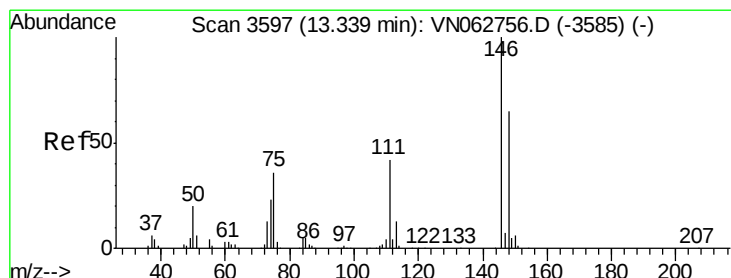
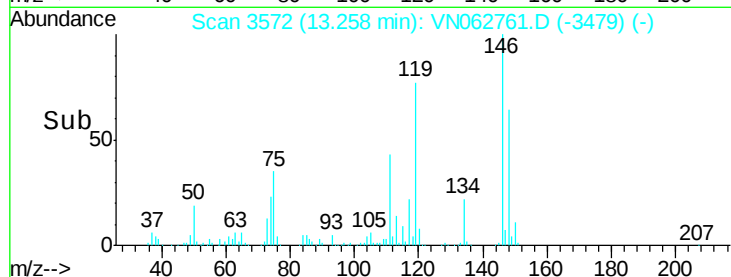
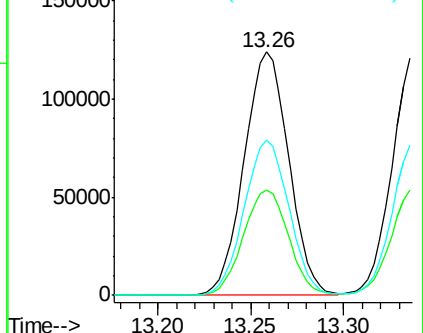
148 64.1 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.462 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

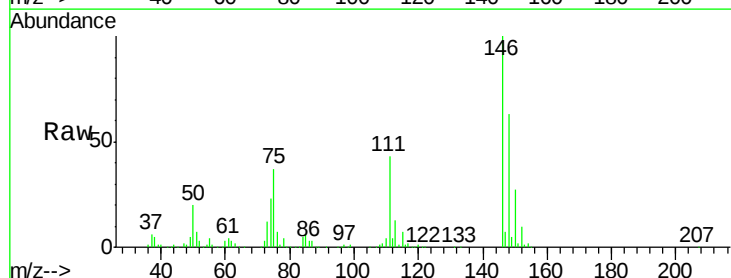
Tgt Ion:146 Resp: 207573

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

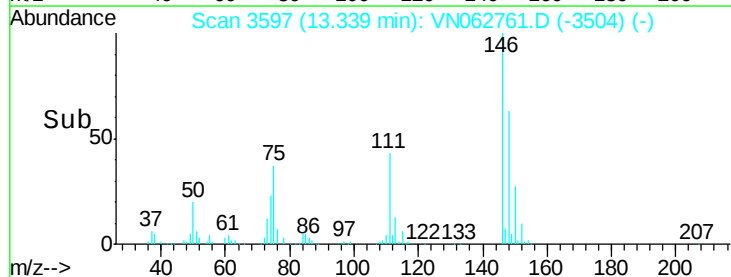
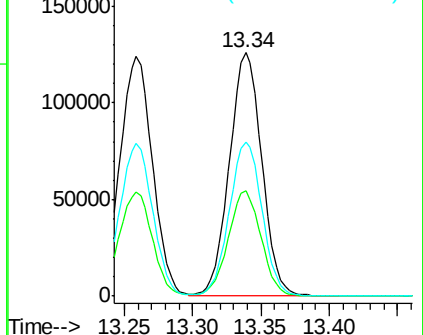
148 64.3 32.6 97.8

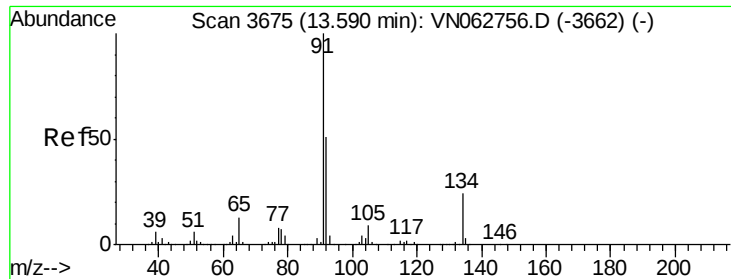


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 54.577 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062761.D

Acq: 6 Aug 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

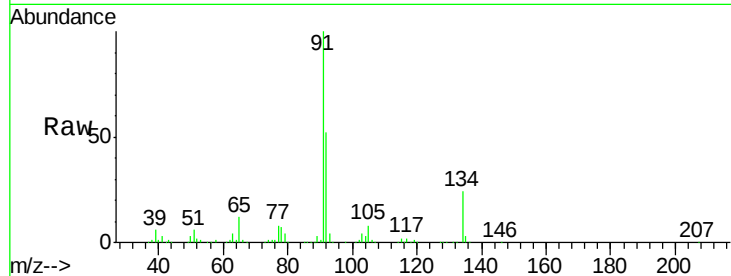
Tot Ion: 91 Resp: 372313

Ion Ratio Lower Upper

91 100

92 51.9 25.7 77.0

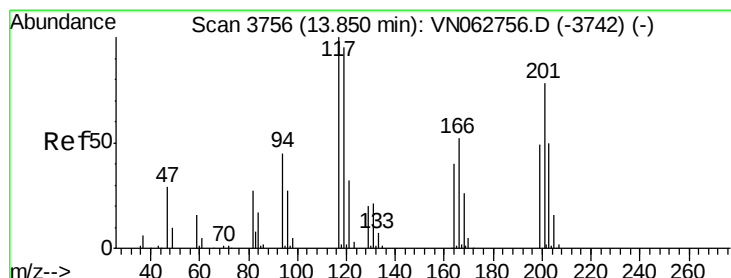
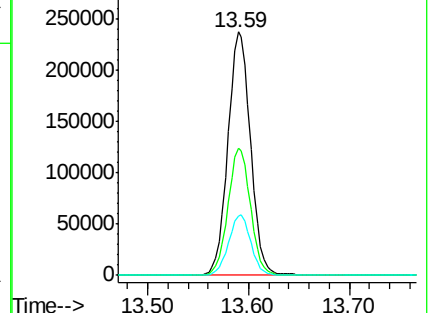
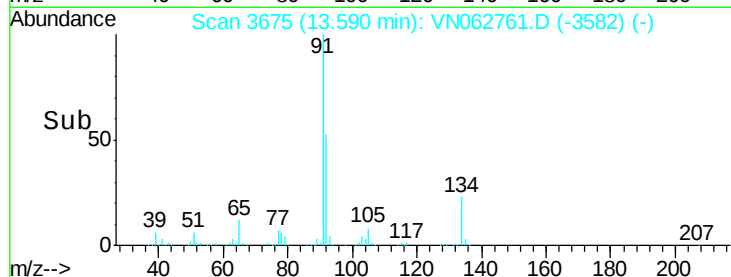
134 24.5 12.2 36.6



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) (-)



#90

Hexachloroethane

Concen: 46.740 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062761.D

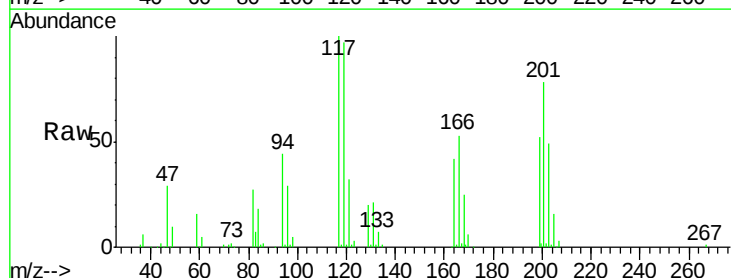
Acq: 6 Aug 2020 12:37

Tgt Ion: 117 Resp: 81264

Ion Ratio Lower Upper

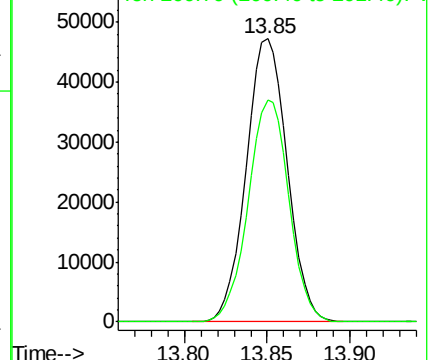
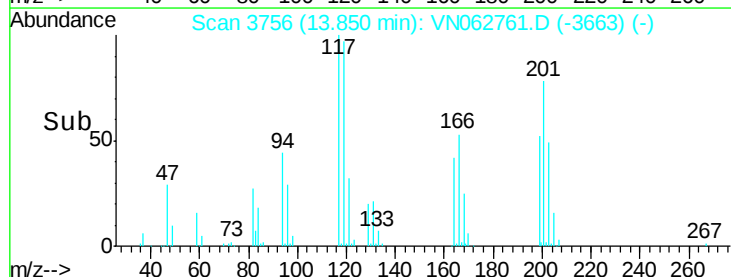
117 100

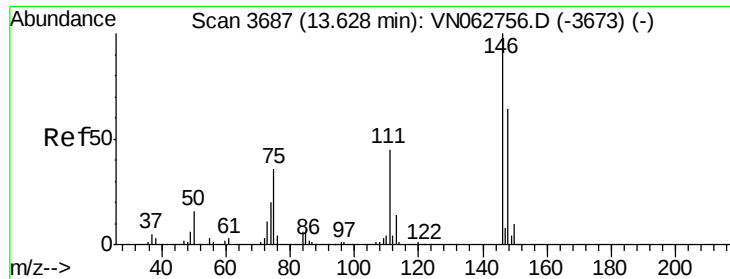
201 78.1 39.2 117.6



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

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

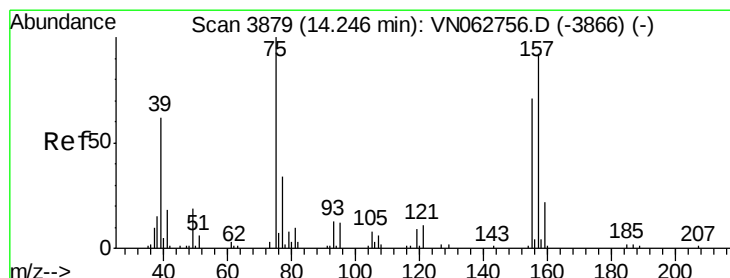
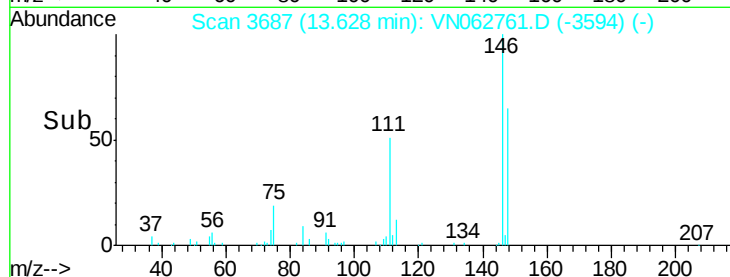
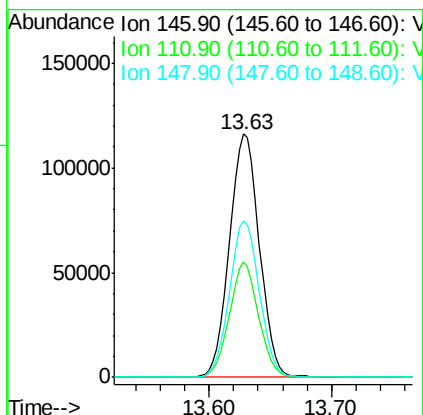
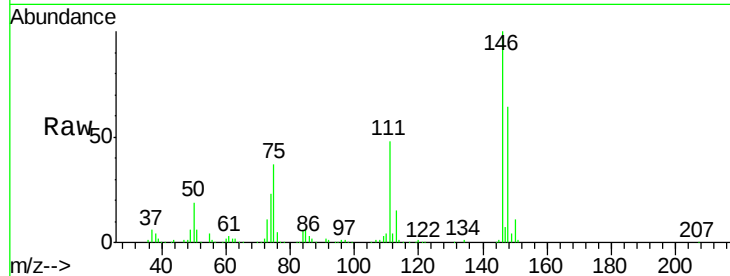




#91
 1,2-Dichlorobenzene
 Concen: 50.807 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

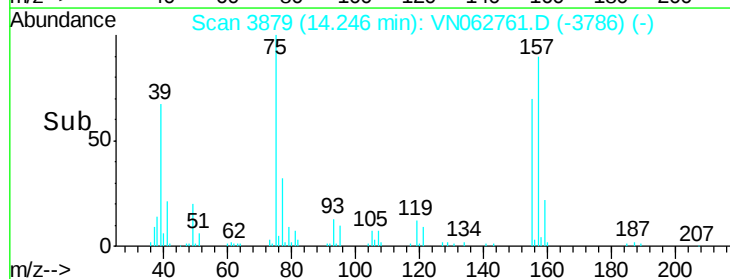
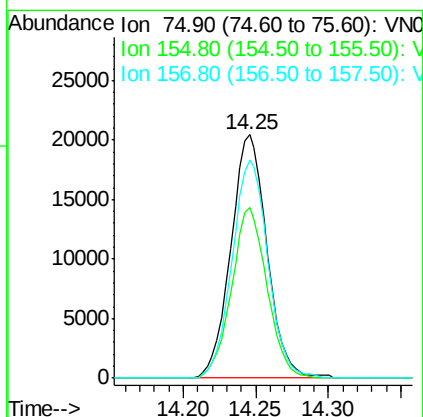
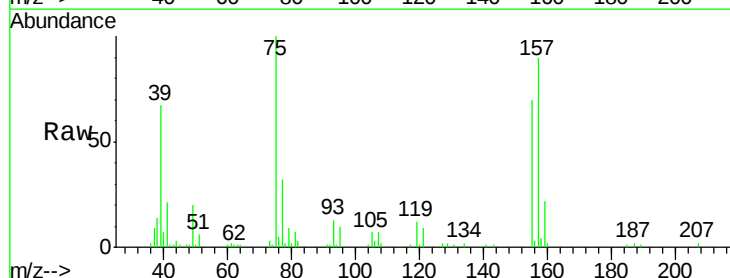
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 199301
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.8 68.4
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.514 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion: 75 Resp: 35273
 Ion Ratio Lower Upper
 75 100
 155 68.6 35.0 105.1
 157 89.0 43.2 129.6

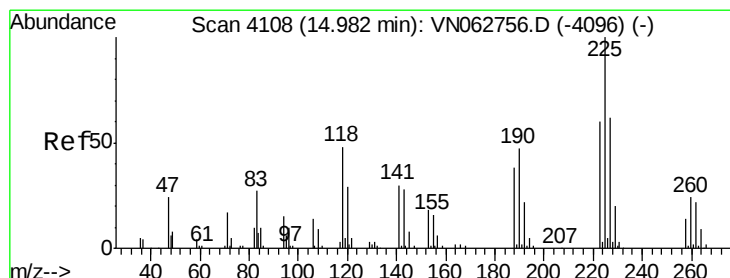
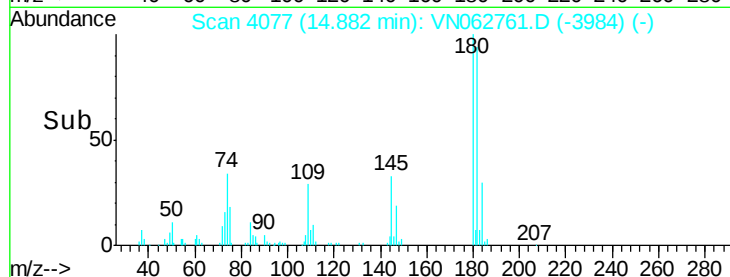
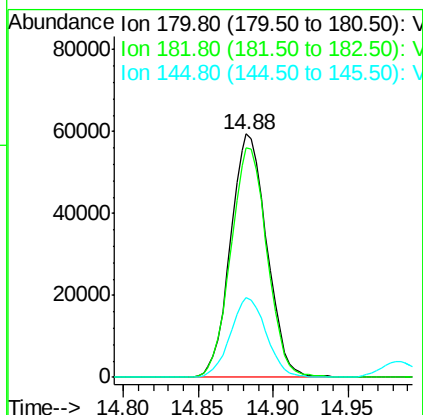
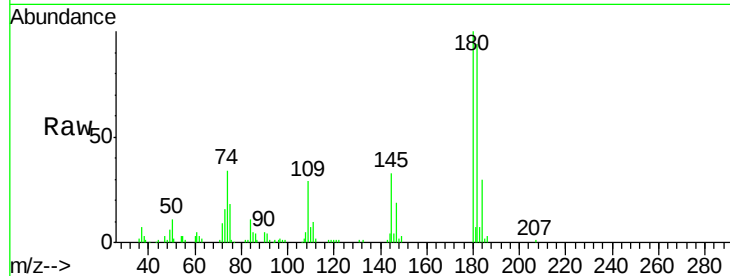




#93
 1,2,4-Trichlorobenzene
 Concen: 47.730 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

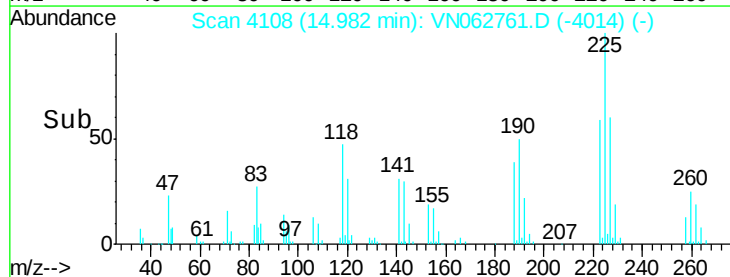
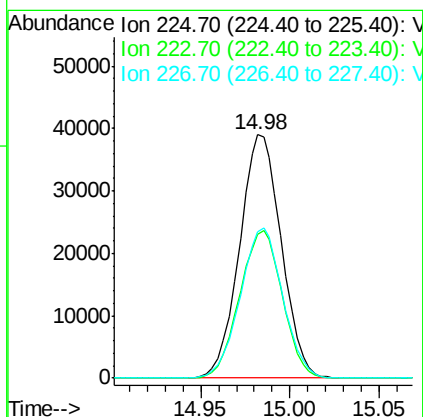
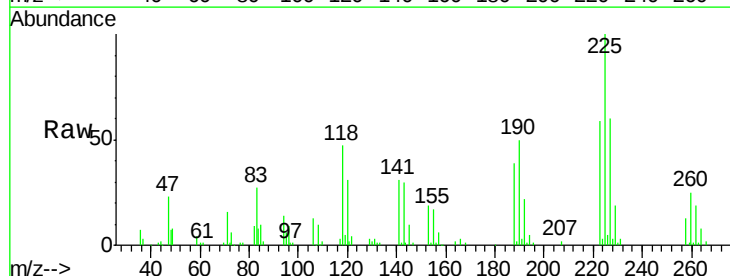
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

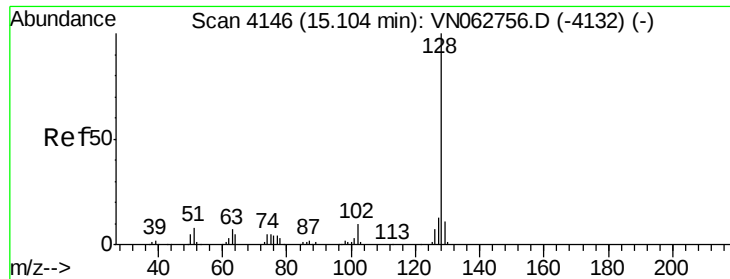
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	49.1	147.4
145	32.4	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 51.682 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062761.D
 Acq: 6 Aug 2020 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.6	92.0
227	62.6	31.6	95.0

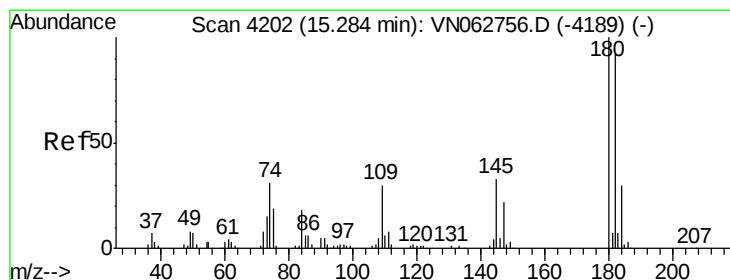
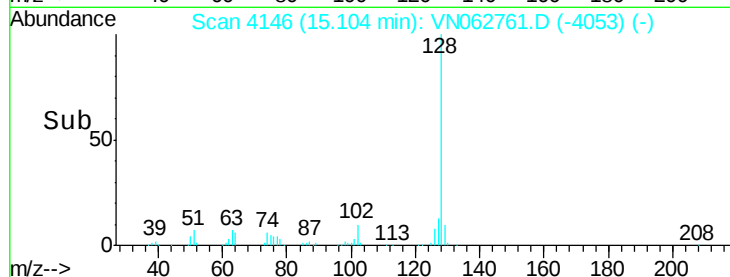
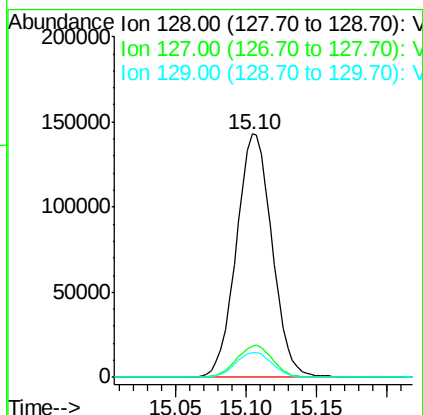
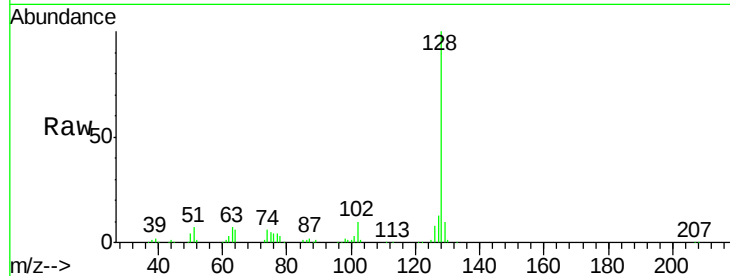




#95
Naphthalene
Concen: 44.478 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 253416
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.031 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062761.D
Acq: 6 Aug 2020 12:37

Tgt Ion:180 Resp: 99495
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 34.8 17.3 51.7

