

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019509.D
 Acq On : 20 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 21 03:52:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196832	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	165648	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%	
35) Dibromofluoromethane		5.46	113	134348	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%	
50) Toluene-d8		8.70	98	512996	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%	
62) 4-Bromofluorobenzene		11.12	95	187969	49.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128545	51.944	ug/l	100
3) Chloromethane	1.31	50	143230	50.437	ug/l	98
4) Vinyl Chloride	1.39	62	157169	51.414	ug/l	97
5) Bromomethane	1.62	94	53507	46.211	ug/l	99
6) Chloroethane	1.68	64	37776	50.793	ug/l	96
7) Trichlorofluoromethane	1.89	101	222935	50.528	ug/l	99
8) Diethyl Ether	2.17	74	93789	53.077	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125416	50.951	ug/l	99
10) Methyl Iodide	2.48	142	155109	47.966	ug/l	99
11) Tert butyl alcohol	3.05	59	168688	270.142	ug/l	99
12) 1,1-Dichloroethene	2.34	96	127675	50.535	ug/l	97
13) Acrolein	2.28	56	101645	242.158	ug/l	100
14) Allyl chloride	2.70	41	199680	50.451	ug/l	100
15) Acrylonitrile	3.12	53	405225	275.167	ug/l	99
16) Acetone	2.43	43	321864	252.246	ug/l	99
17) Carbon Disulfide	2.54	76	324062	47.745	ug/l	99
18) Methyl Acetate	2.75	43	169777	54.212	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	469482	53.835	ug/l	99
20) Methylene Chloride	2.83	84	157401	49.354	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	146641	51.229	ug/l	98
22) Diisopropyl ether	3.83	45	439707	53.704	ug/l	92
23) Vinyl Acetate	3.79	43	1894086	275.796	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263230	52.562	ug/l	99
25) 2-Butanone	4.64	43	518960	270.745	ug/l	99
26) 2,2-Dichloropropane	4.54	77	211048	48.281	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171560	52.177	ug/l	99
28) Bromochloromethane	4.98	49	114344	47.756	ug/l	98
29) Tetrahydrofuran	5.09	42	337092	275.627	ug/l	100
30) Chloroform	5.17	83	275579	52.625	ug/l	99
31) Cyclohexane	5.54	56	220938	51.483	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	236766	52.635	ug/l	100
36) 1,1-Dichloropropene	5.76	75	199352	48.974	ug/l	99
37) Ethyl Acetate	4.80	43	203950	53.370	ug/l	99
38) Carbon Tetrachloride	5.75	117	199408	50.611	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019509.D
 Acq On : 20 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 21 03:52:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	235578	49.704	ug/l	99
40) Benzene	6.11	78	627164	50.146	ug/l	98
41) Methacrylonitrile	5.01	41	108716	51.590	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216910	50.600	ug/l	99
43) Isopropyl Acetate	6.42	43	332865	51.817	ug/l	100
44) Trichloroethene	7.19	130	161588	49.325	ug/l	97
45) 1,2-Dichloropropane	7.49	63	156729	50.903	ug/l	98
46) Dibromomethane	7.63	93	106324	50.455	ug/l	98
47) Bromodichloromethane	7.87	83	211150	51.637	ug/l	98
48) Methyl methacrylate	7.74	41	161747	53.764	ug/l	99
49) 1,4-Dioxane	7.72	88	76313	1117.195	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1021867	272.795	ug/l	100
52) Toluene	8.76	92	395514	51.694	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230605	52.218	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255219	52.076	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160972	51.660	ug/l	99
56) Ethyl methacrylate	9.16	69	240565	54.560	ug/l	100
57) 1,3-Dichloropropane	9.35	76	269002	51.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	643286	248.992	ug/l	100
59) 2-Hexanone	9.48	43	773702	272.335	ug/l	99
60) Dibromochloromethane	9.57	129	162532	53.253	ug/l	98
61) 1,2-Dibromoethane	9.65	107	167386	52.114	ug/l	99
64) Tetrachloroethene	9.32	164	149628	48.824	ug/l	97
65) Chlorobenzene	10.12	112	404816	50.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	151398	51.925	ug/l	99
67) Ethyl Benzene	10.23	91	741104	52.775	ug/l	100
68) m/p-Xylenes	10.34	106	559463	106.936	ug/l	99
69) o-Xylene	10.68	106	264942	52.976	ug/l	100
70) Styrene	10.70	104	453603	49.031	ug/l	100
71) Bromoform	10.84	173	114386	46.577	ug/l	99
73) Isopropylbenzene	11.00	105	707379	51.950	ug/l	99
74) N-amyl acetate	10.88	43	280545	54.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	252369	51.828	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	279164	64.989	ug/l	88
77) Bromobenzene	11.24	156	177722	51.128	ug/l	98
78) n-propylbenzene	11.34	91	818398	52.392	ug/l	100
79) 2-Chlorotoluene	11.40	91	492794	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	610550	53.452	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76359	48.181	ug/l	99
82) 4-Chlorotoluene	11.49	91	574869	51.548	ug/l	100
83) tert-Butylbenzene	11.76	119	580868	52.564	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	621392	53.766	ug/l	99
85) sec-Butylbenzene	11.93	105	688083	52.339	ug/l	100
86) p-Isopropyltoluene	12.05	119	633908	53.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320105	50.144	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	325483	49.498	ug/l	99
89) n-Butylbenzene	12.37	91	562447	52.123	ug/l	99
90) Hexachloroethane	12.58	117	105761	52.952	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	318708	49.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53606	53.962	ug/l	99

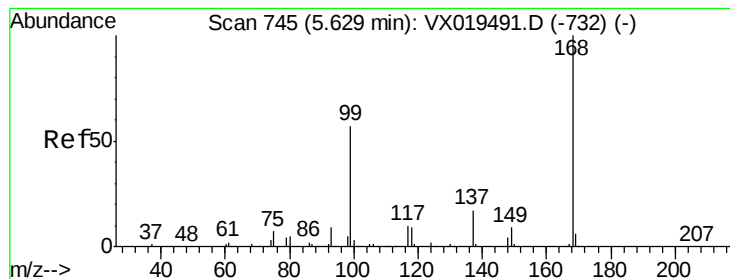
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019509.D
Acq On : 20 Nov 2020 20:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 21 03:52:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209637	50.928	ug/l	99
94) Hexachlorobutadiene	13.76	225	92616	49.391	ug/l	97
95) Naphthalene	13.82	128	730531	50.304	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216322	52.538	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

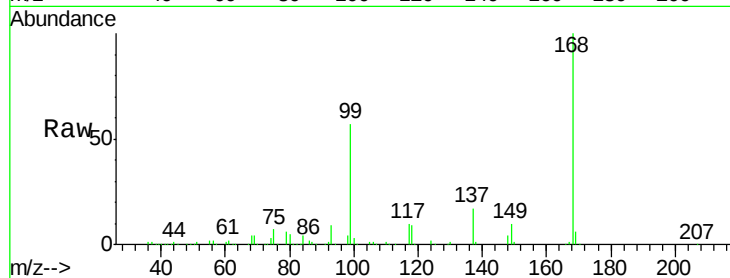
VSTDCCC050EC

Tot Ion:168 Resp: 254480

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

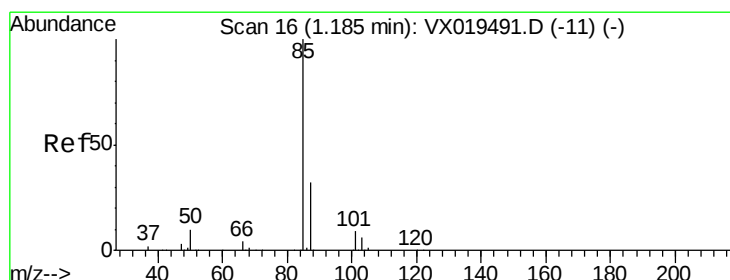
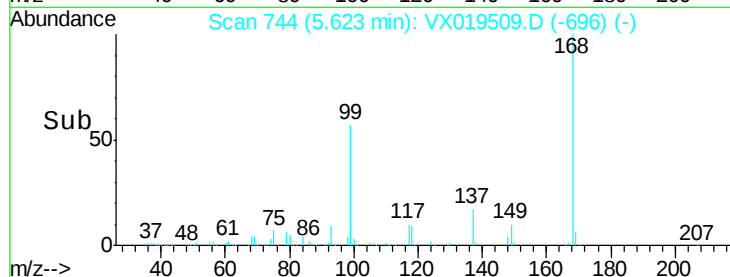
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.944 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019509.D

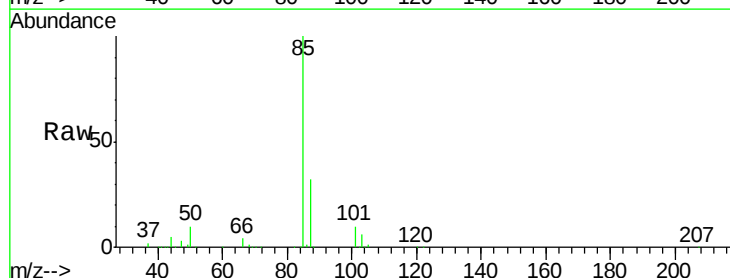
Acq: 20 Nov 2020 20:33

Tgt Ion: 85 Resp: 128545

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

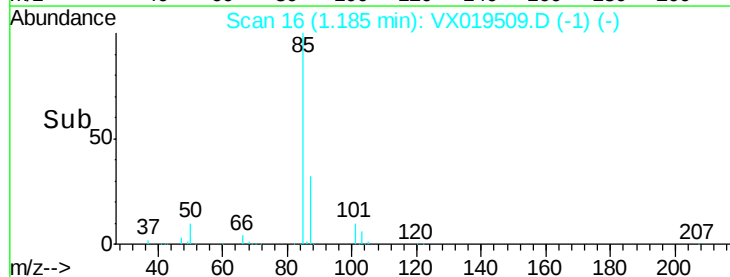
150000

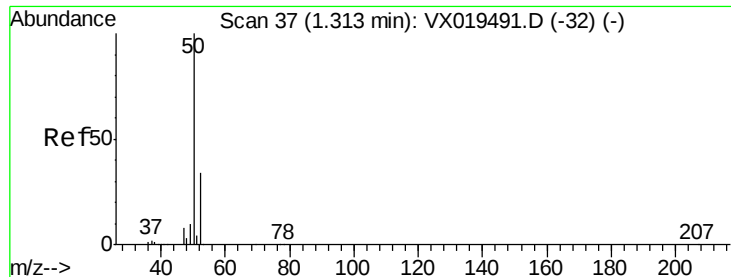
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.437 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

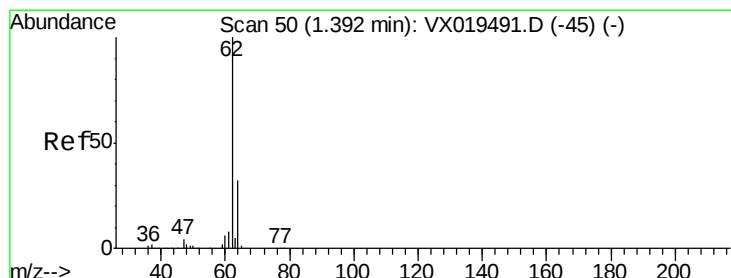
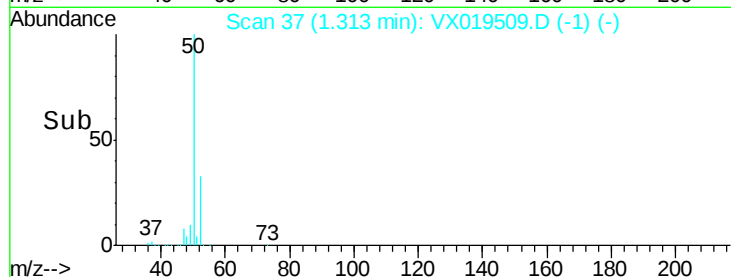
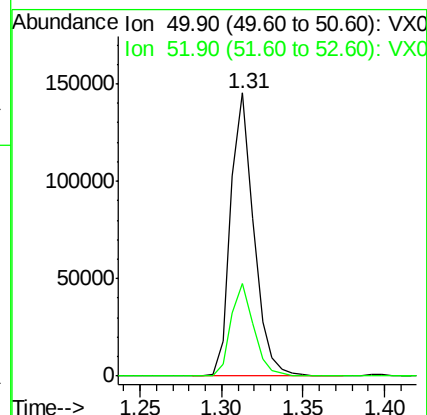
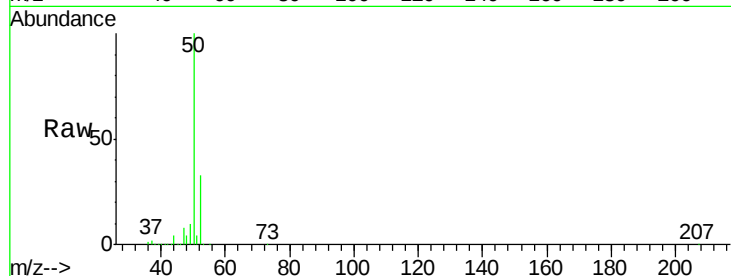
VSTDCCC050EC

Tot Ion: 50 Resp: 143230

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.6



#4

Vinyl Chloride

Concen: 51.414 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019509.D

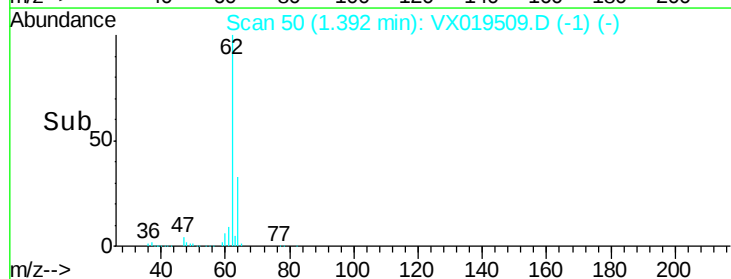
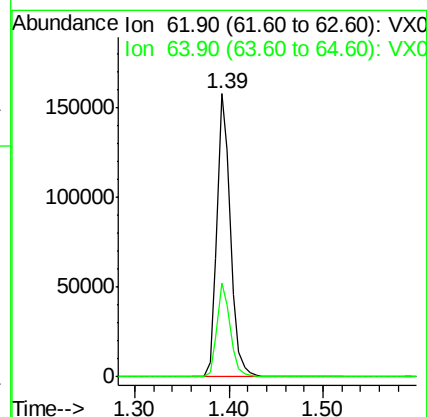
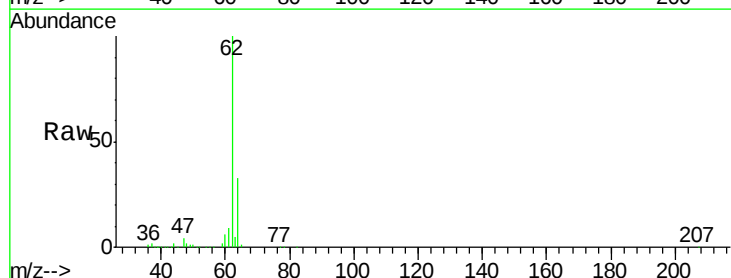
Acq: 20 Nov 2020 20:33

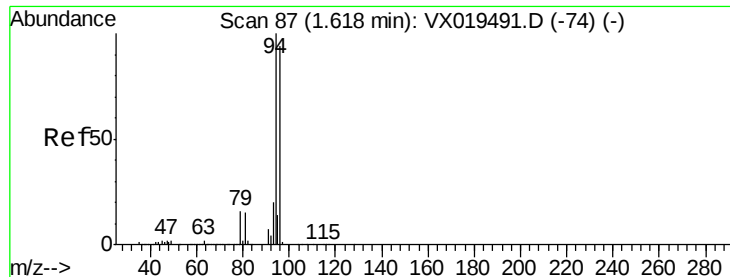
Tgt Ion: 62 Resp: 157169

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.2





#5

Bromomethane

Concen: 46.211 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

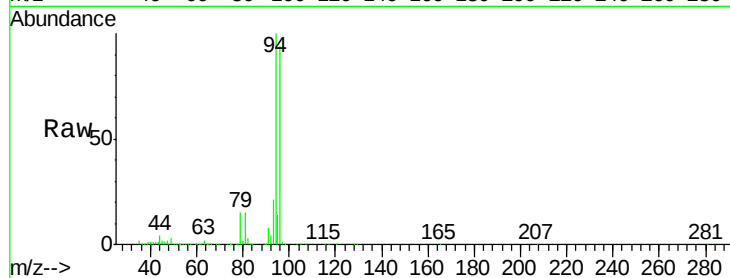
VSTDCCC050EC

Tot Ion: 94 Resp: 53507

Ion Ratio Lower Upper

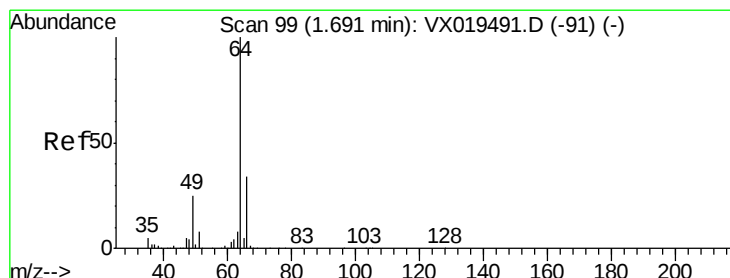
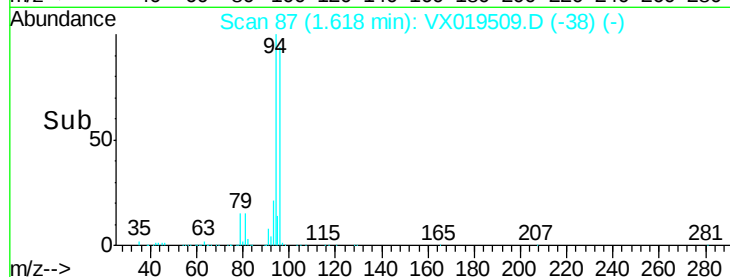
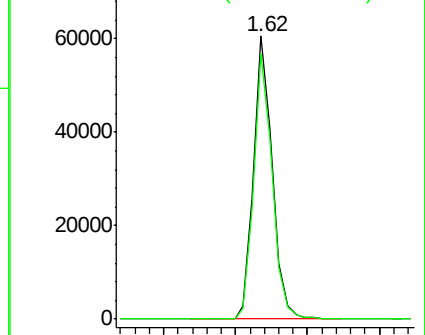
94 100

96 93.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.793 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019509.D

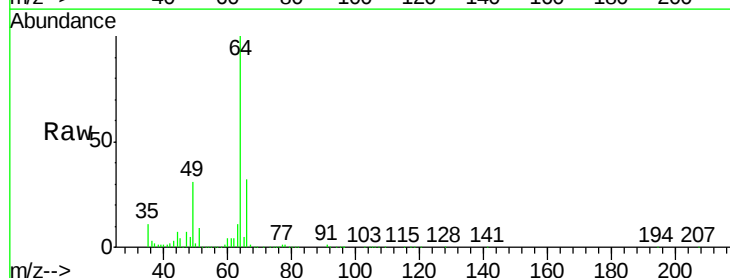
Acq: 20 Nov 2020 20:33

Tgt Ion: 64 Resp: 37776

Ion Ratio Lower Upper

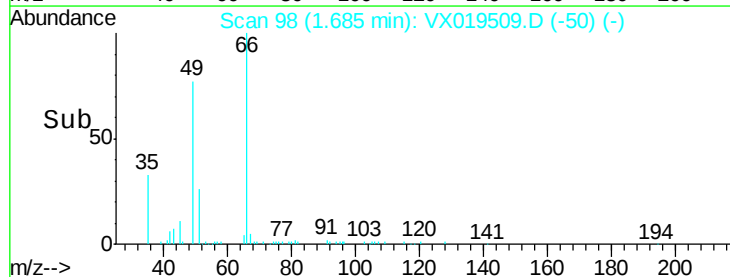
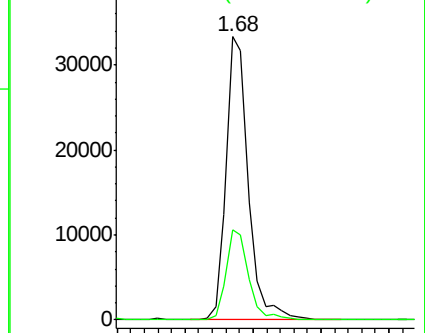
64 100

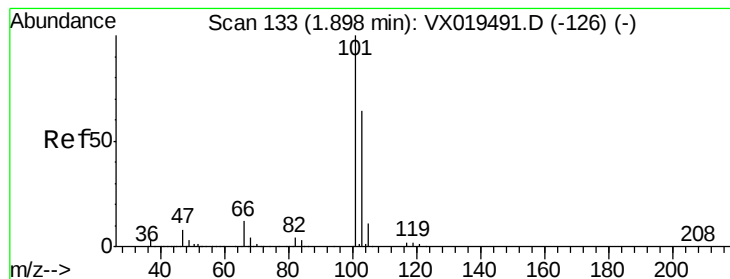
66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



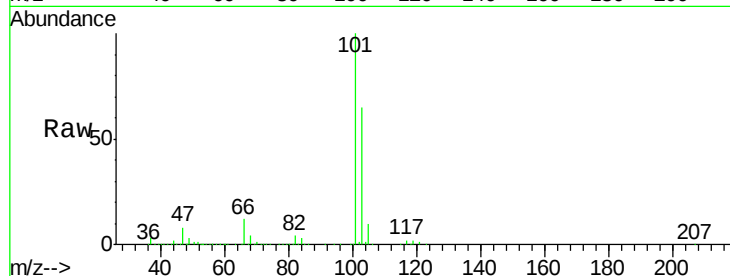


#7

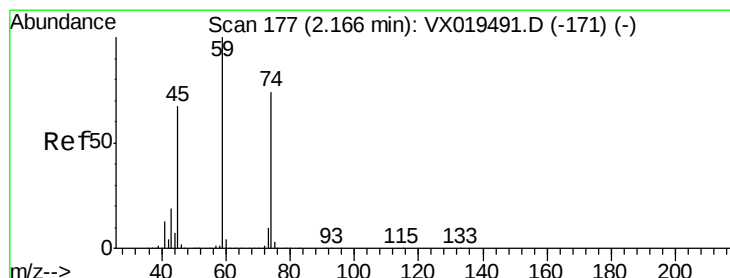
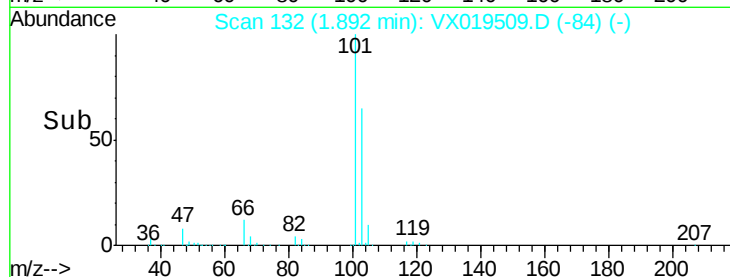
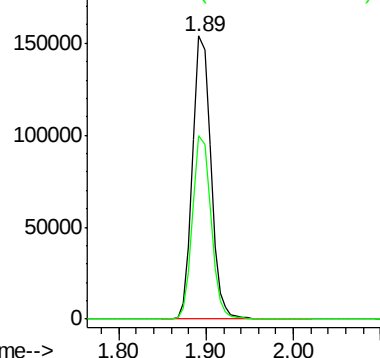
Trichlorofluoromethane
Concen: 50.528 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 222935
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3



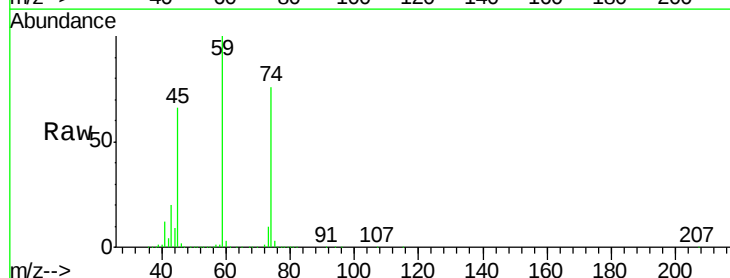
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



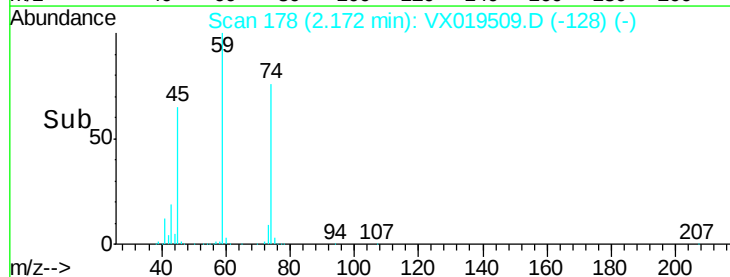
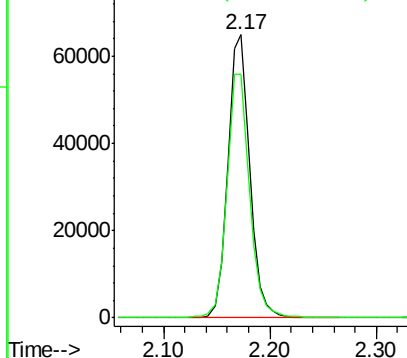
#8

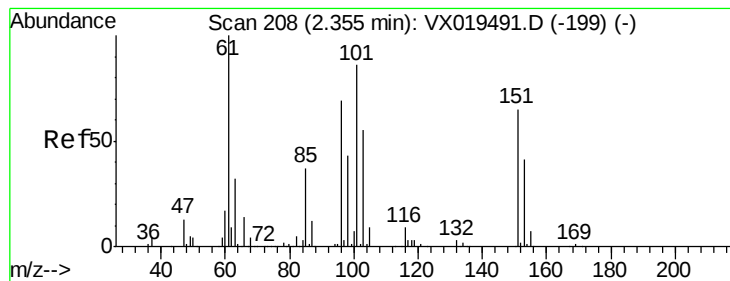
Diethyl Ether
Concen: 53.077 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 74 Resp: 93789
Ion Ratio Lower Upper
74 100
45 88.6 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.951 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

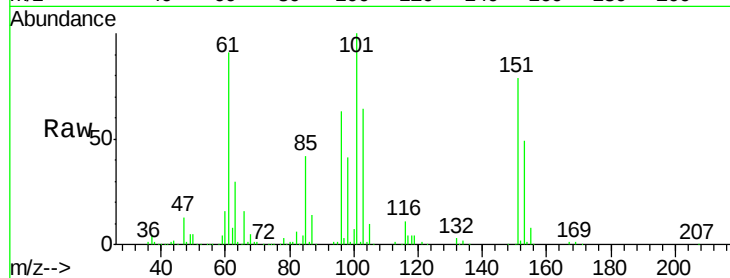
Tot Ion:101 Resp: 125416

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

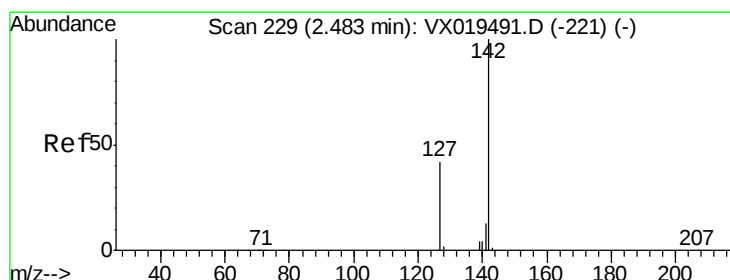
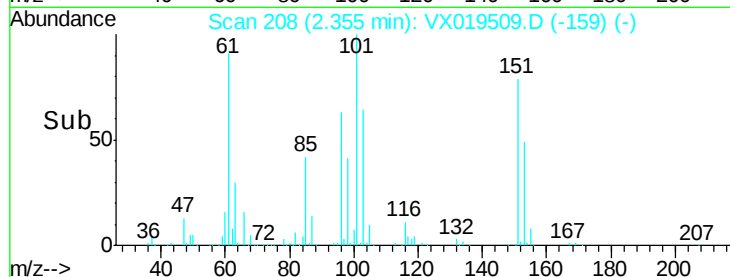
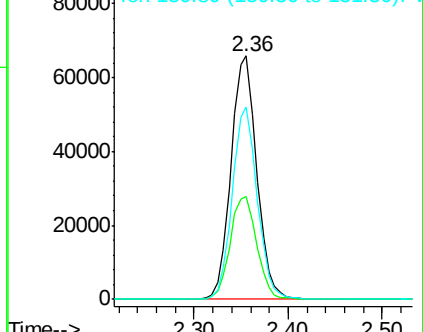
151 76.6 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.966 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

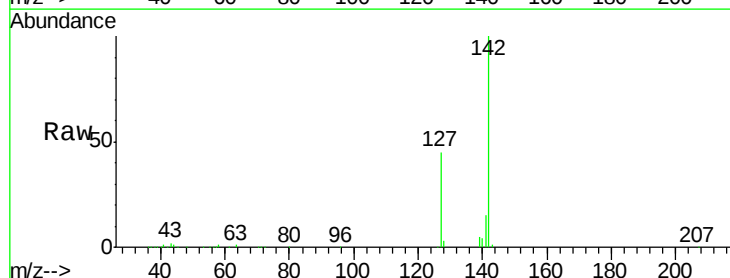
Tgt Ion:142 Resp: 155109

Ion Ratio Lower Upper

142 100

127 43.2 33.8 50.6

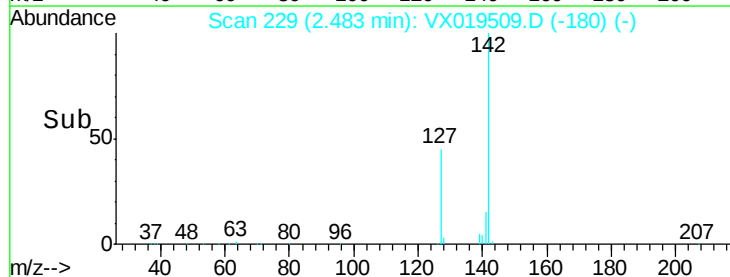
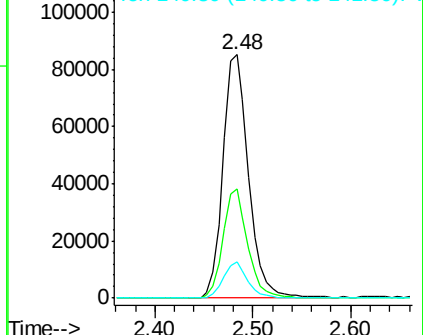
141 14.1 11.0 16.6

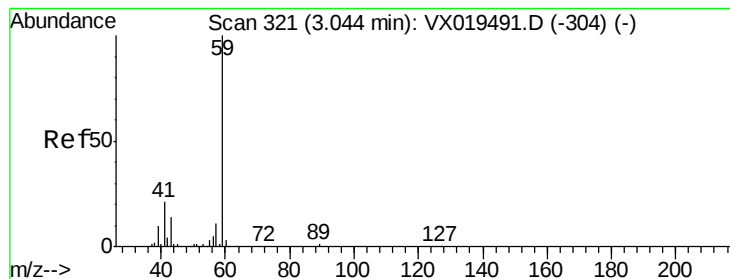


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



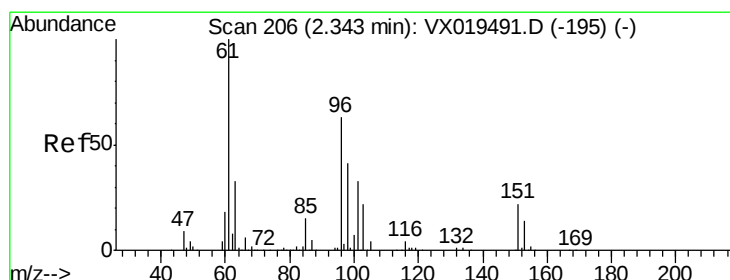
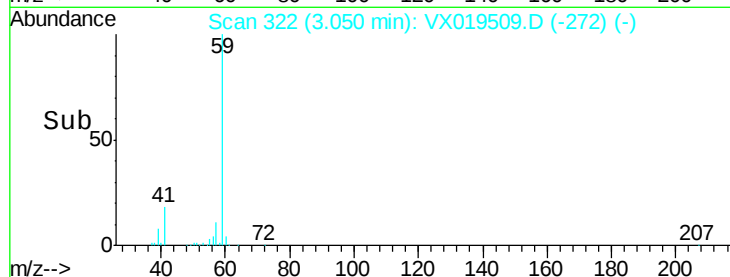
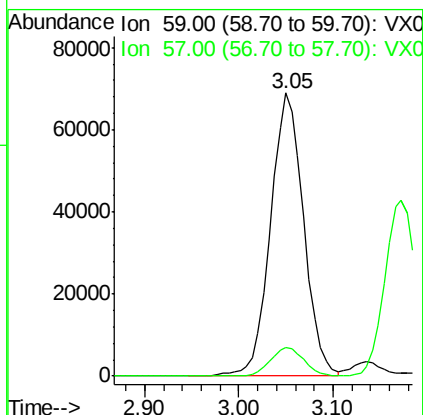
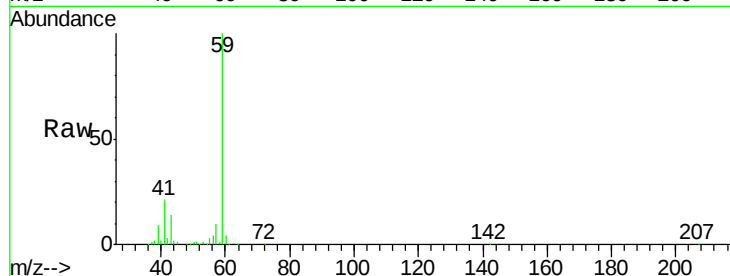


#11

Tert butyl alcohol
 Concen: 270.142 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

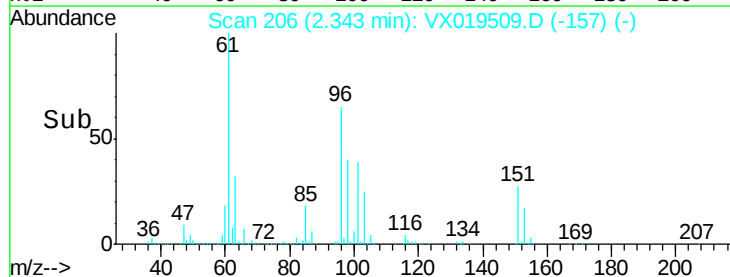
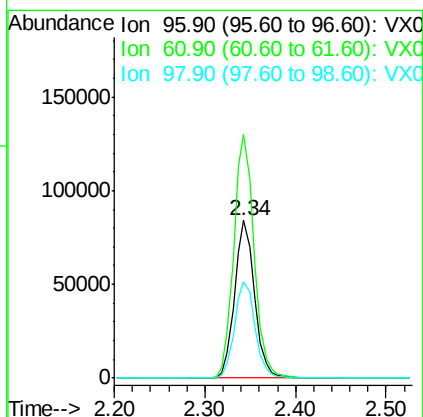
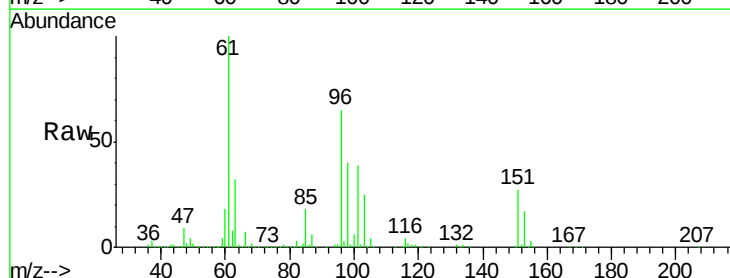
Tot Ion: 59 Resp: 168688
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9

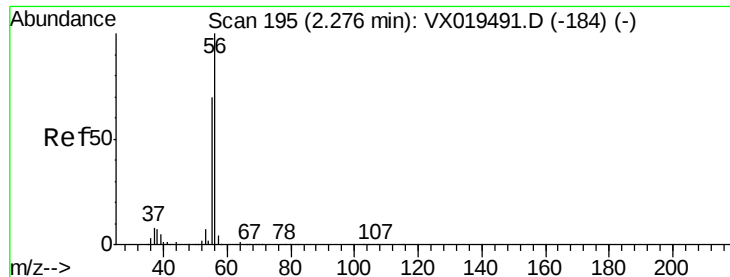


#12

1,1-Dichloroethene
 Concen: 50.535 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 96 Resp: 127675
 Ion Ratio Lower Upper
 96 100
 61 154.7 126.0 189.0
 98 61.6 52.0 78.0





#13

Acrolein

Concen: 242.158 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

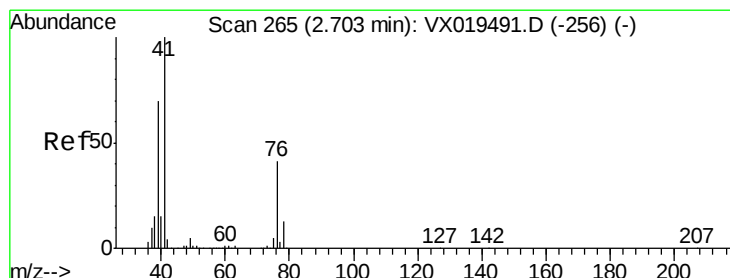
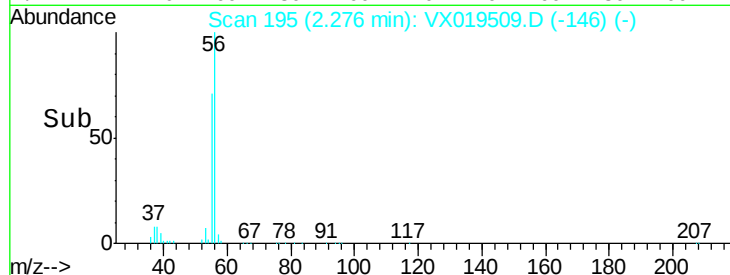
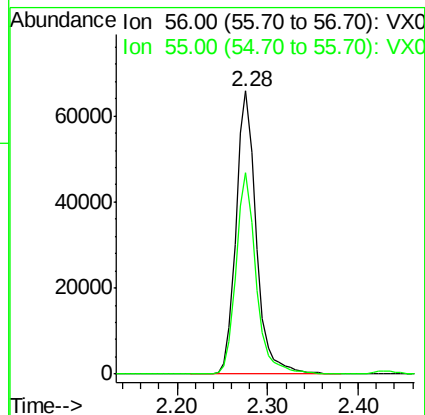
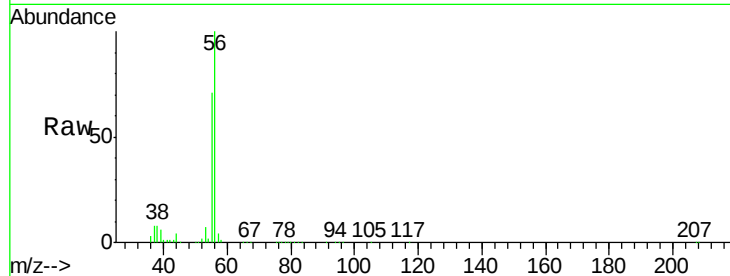
VSTDCCC050EC

Tot Ion: 56 Resp: 101645

Ion Ratio Lower Upper

56 100

55 69.7 55.5 83.3



#14

Allyl chloride

Concen: 50.451 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

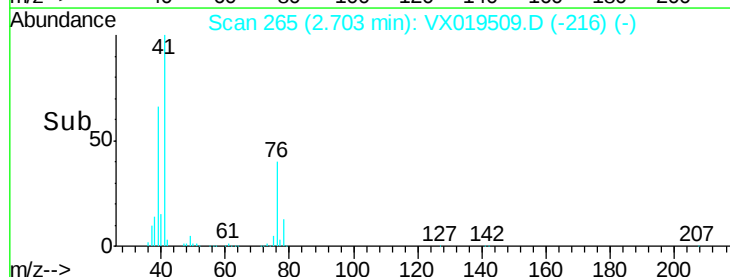
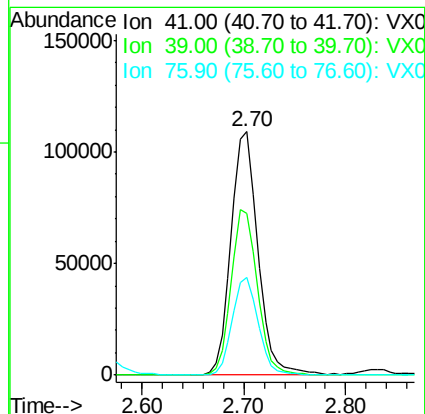
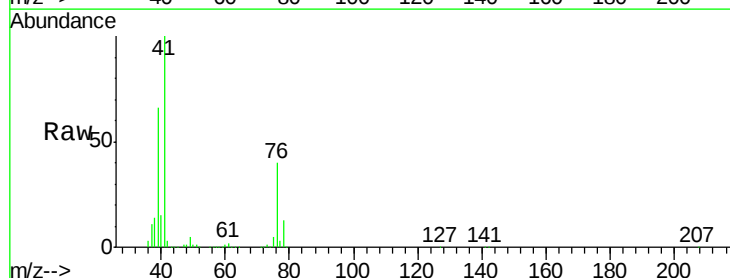
Tgt Ion: 41 Resp: 199680

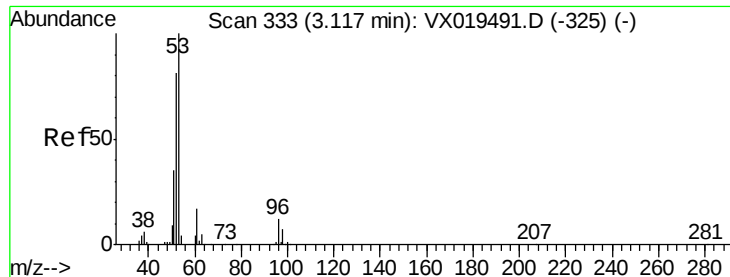
Ion Ratio Lower Upper

41 100

39 65.9 53.0 79.4

76 38.7 31.0 46.6





#15

Acrylonitrile

Concen: 275.167 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

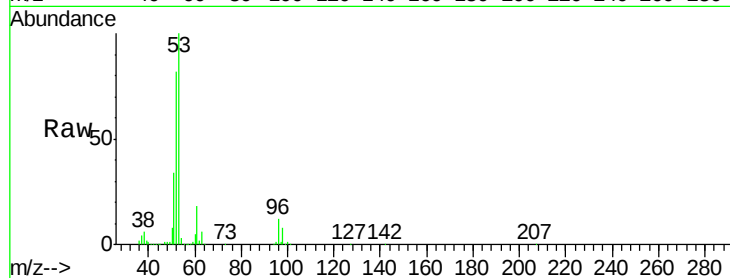
Tot Ion: 53 Resp: 405225

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

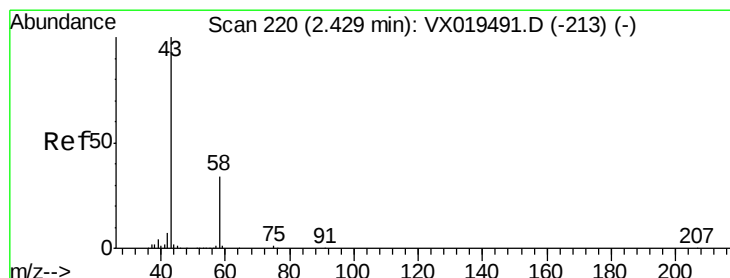
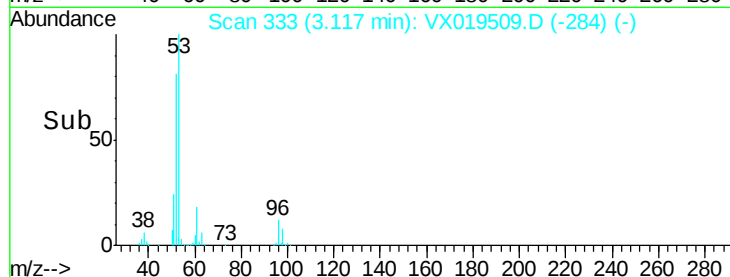
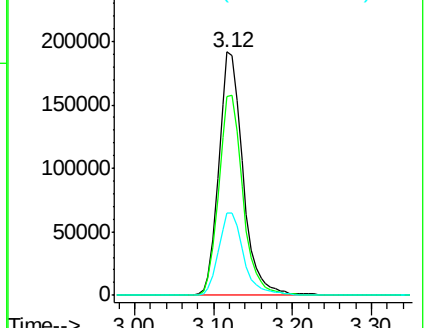
51 35.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 252.246 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019509.D

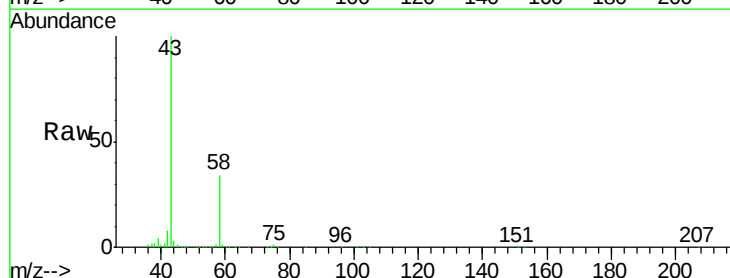
Acq: 20 Nov 2020 20:33

Tgt Ion: 43 Resp: 321864

Ion Ratio Lower Upper

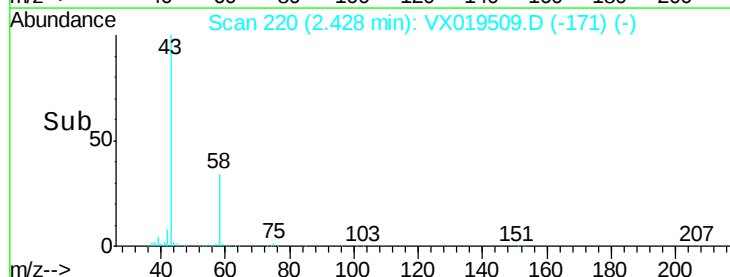
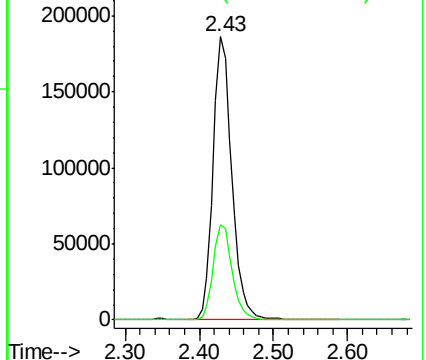
43 100

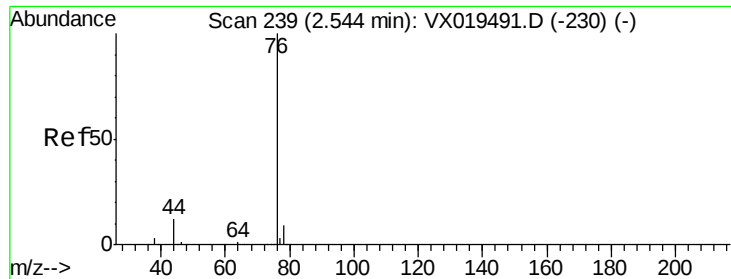
58 33.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

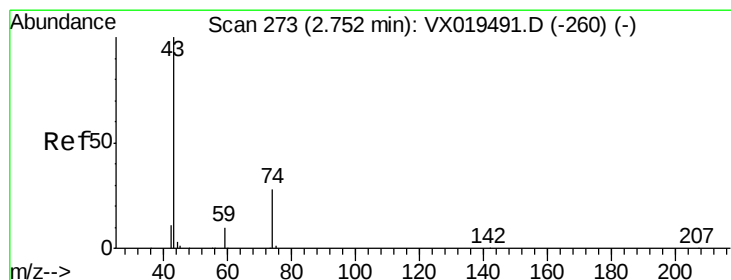
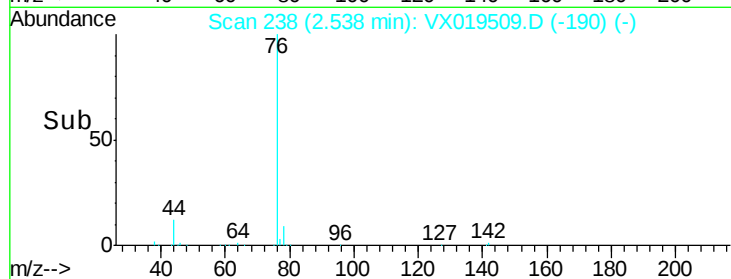
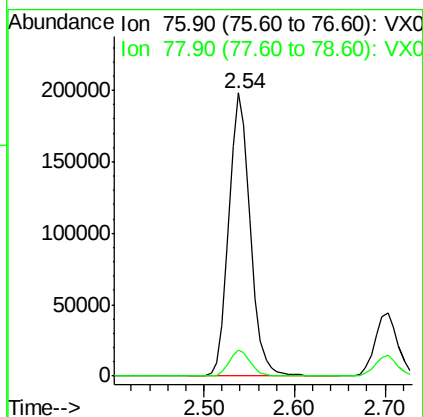
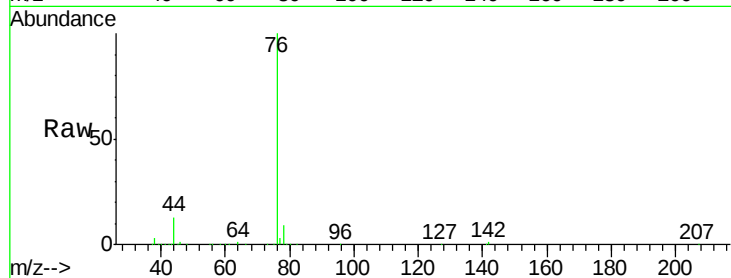




#17
Carbon Disulfide
Concen: 47.745 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

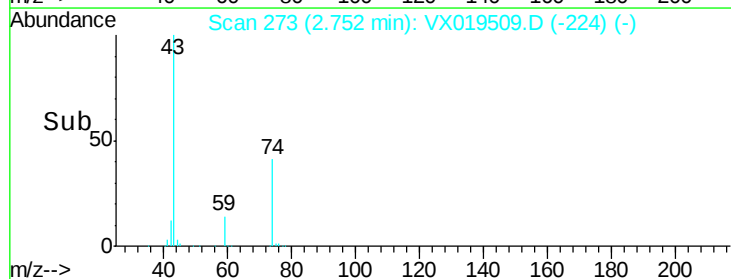
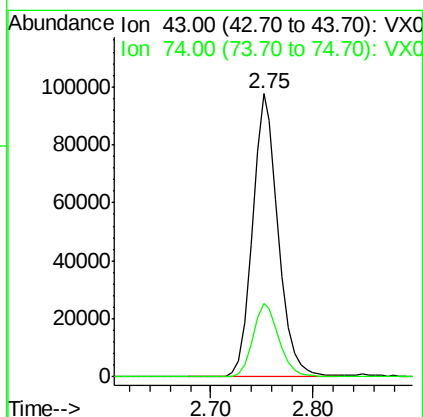
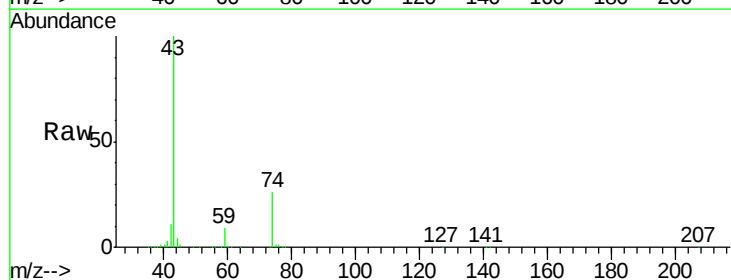
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

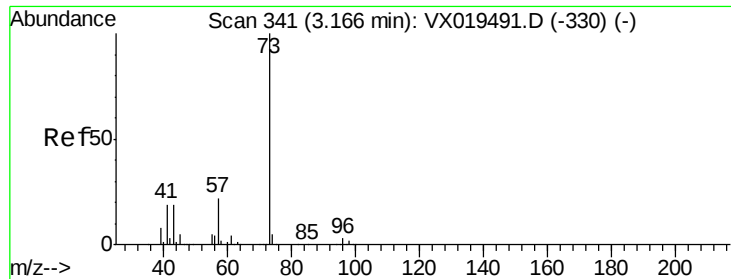
Tot Ion: 76 Resp: 324062
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 54.212 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 43 Resp: 169777
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.4

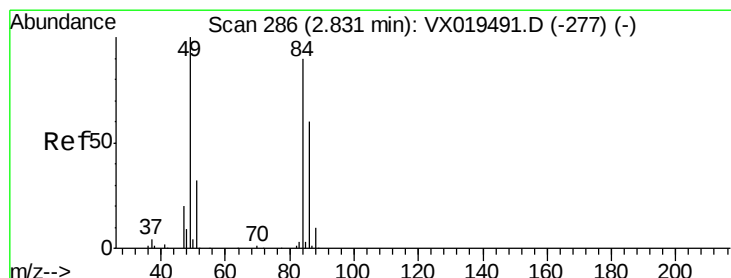
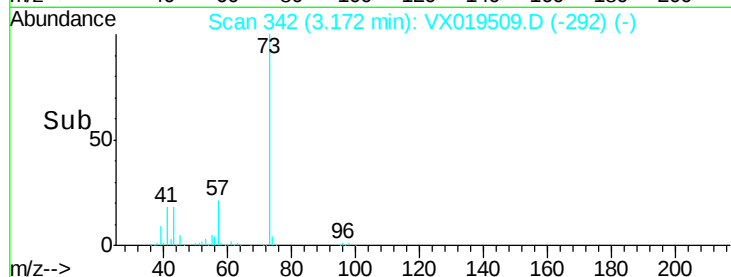
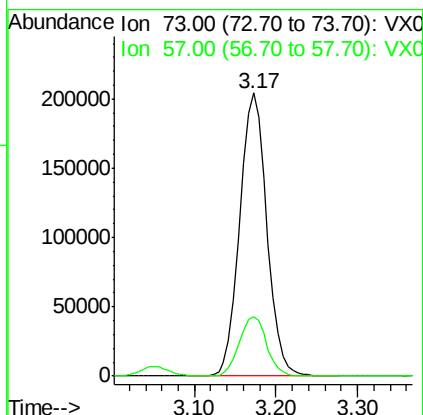
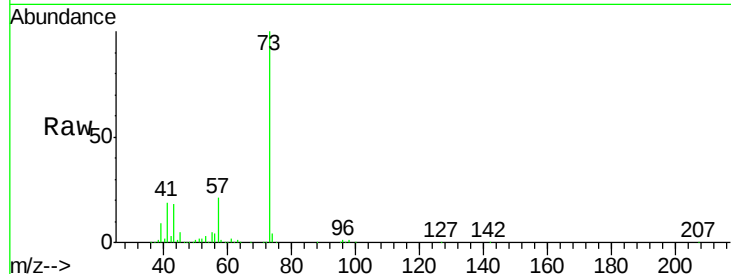




#19
Methvl tert-butvl Ether
Concen: 53.835 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

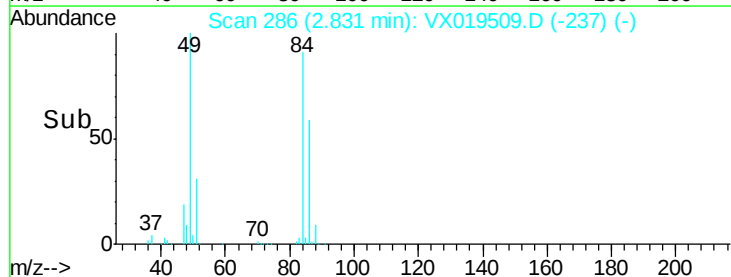
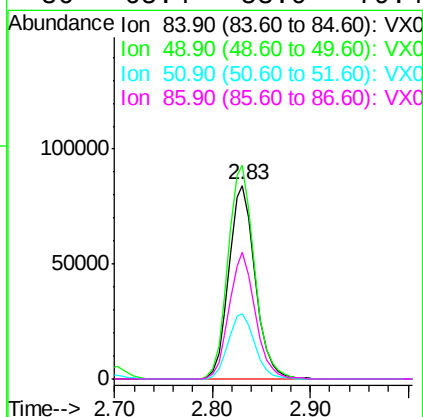
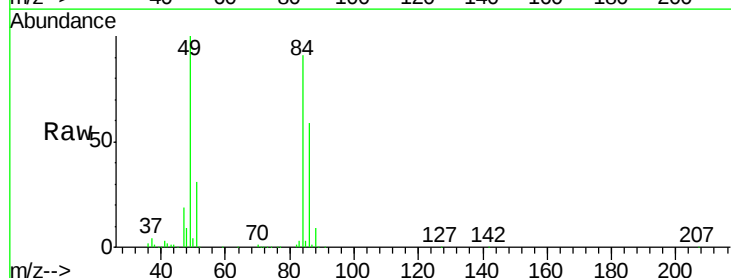
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

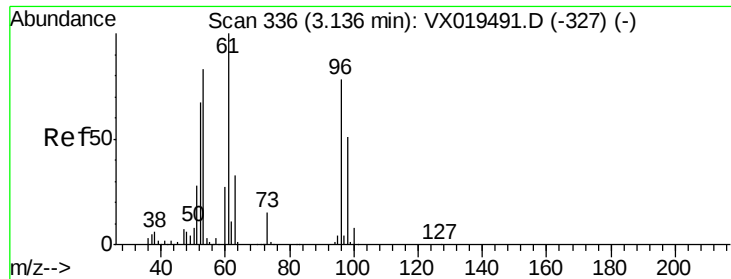
Tot Ion: 73 Resp: 469482
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 49.354 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 84 Resp: 157401
Ion Ratio Lower Upper
84 100
49 110.4 88.5 132.7
51 33.9 28.0 42.0
86 65.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 51.229 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

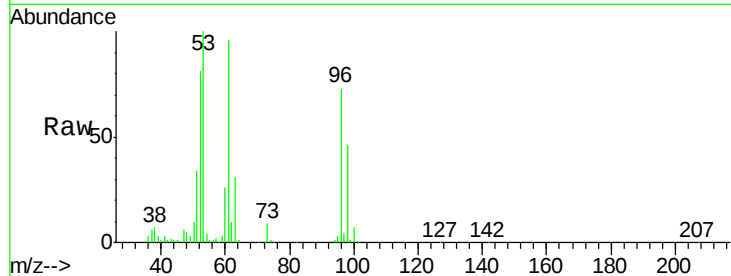
Tot Ion: 96 Resp: 146641

Ion Ratio Lower Upper

96 100

61 131.0 102.9 154.3

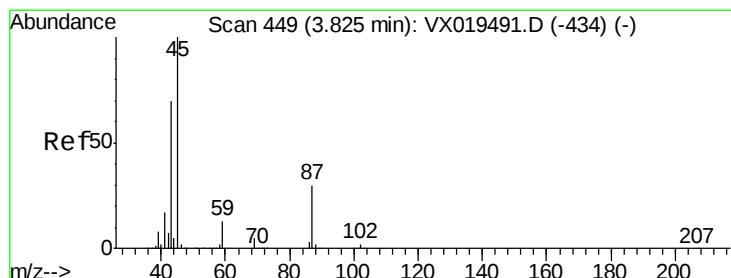
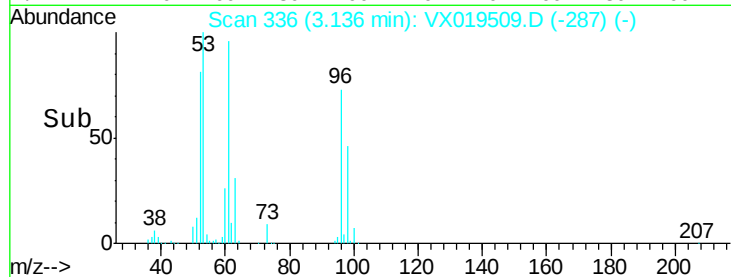
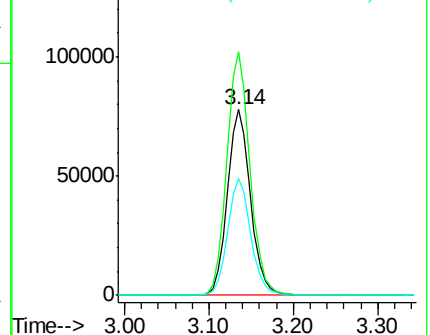
98 62.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.704 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion: 45 Resp: 439707

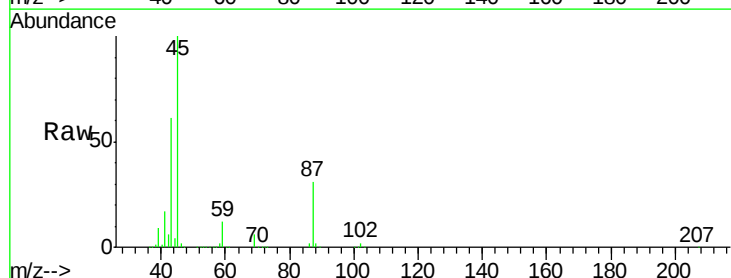
Ion Ratio Lower Upper

45 100

43 60.9 56.1 84.1

87 31.5 24.2 36.2

59 12.4 10.2 15.2

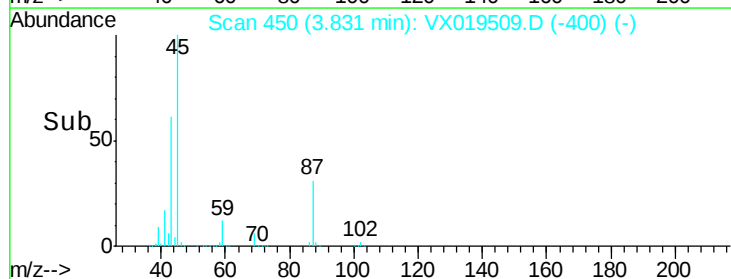
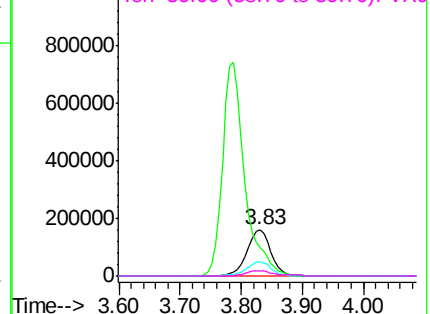


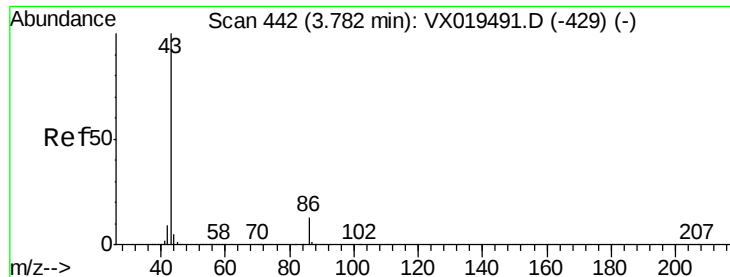
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 275.796 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

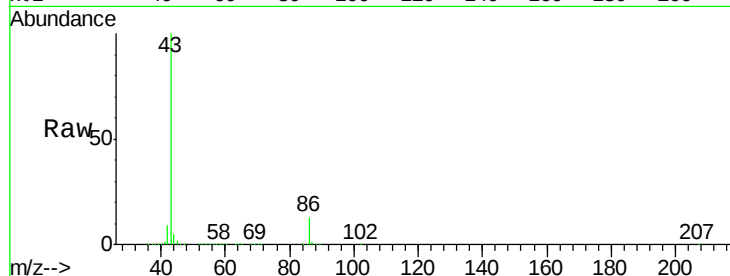
VSTDCCC050EC

Tot Ion: 43 Resp: 1894086

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

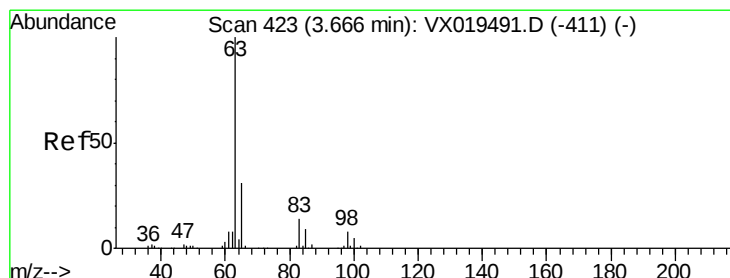
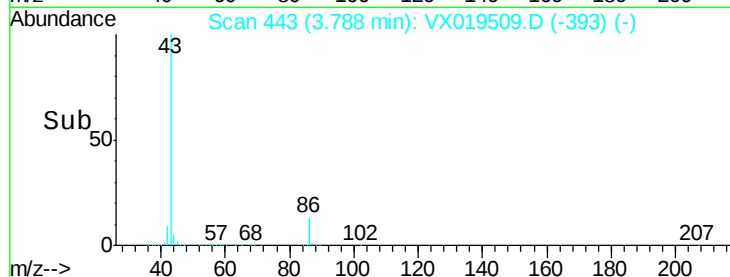
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 52.562 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

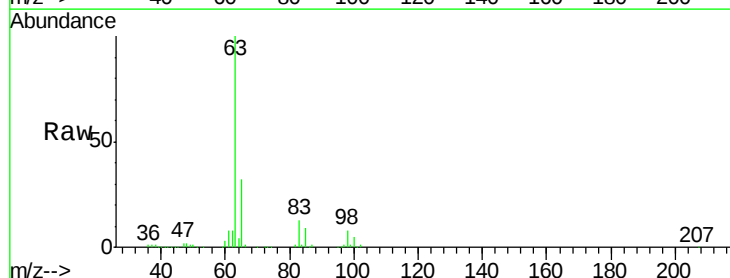
Tgt Ion: 63 Resp: 263230

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

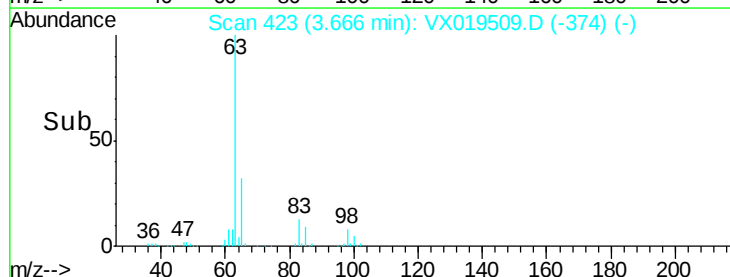
150000

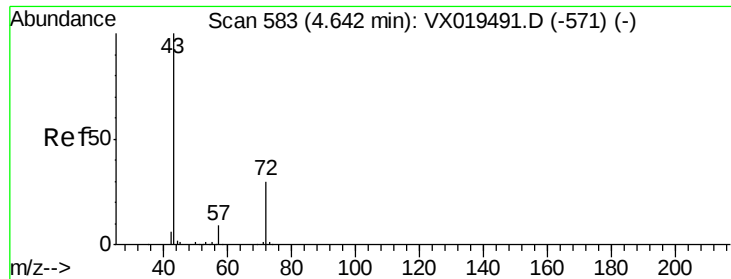
100000

50000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 270.745 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

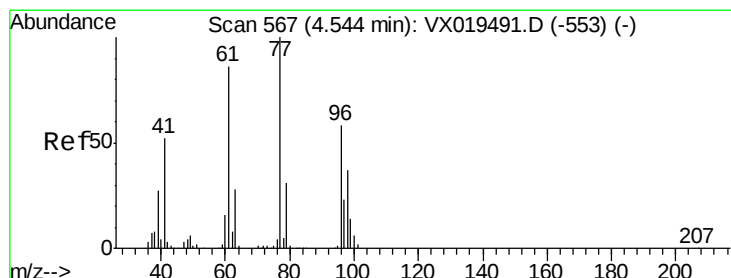
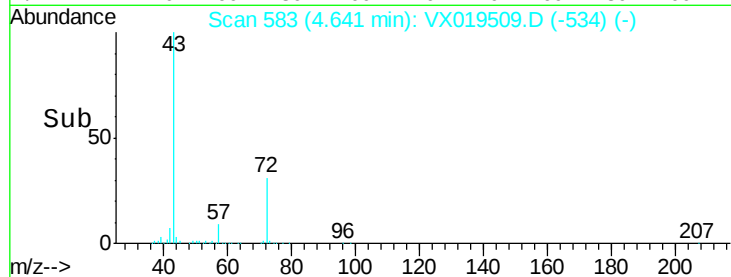
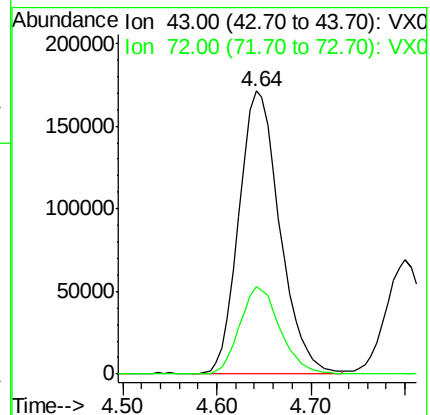
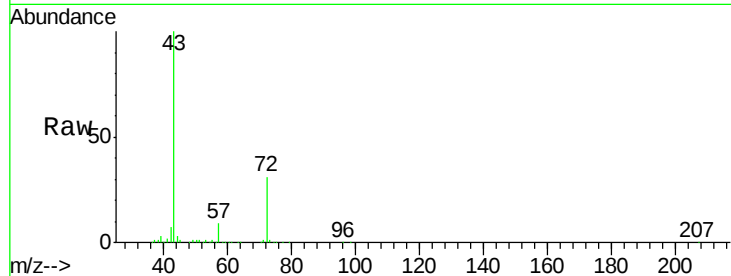
VSTDCCC050EC

Tot Ion: 43 Resp: 518960

Ion Ratio Lower Upper

43 100

72 30.6 24.0 36.0



#26

2,2-Dichloropropane

Concen: 48.281 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019509.D

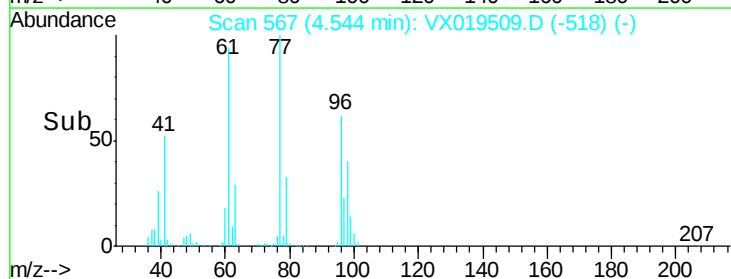
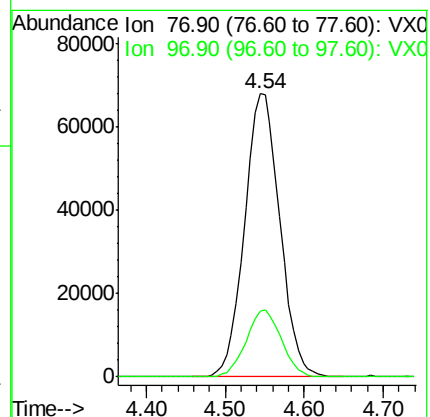
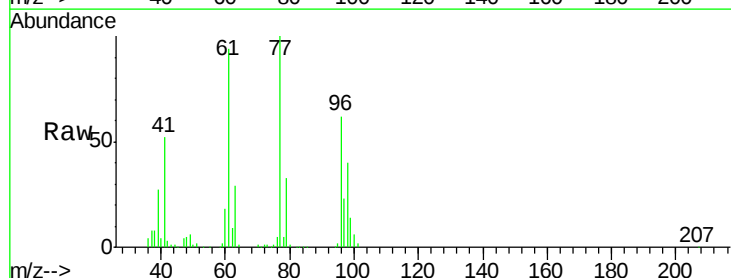
Acq: 20 Nov 2020 20:33

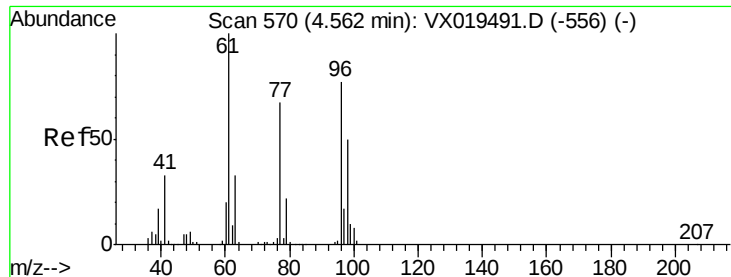
Tgt Ion: 77 Resp: 211048

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8



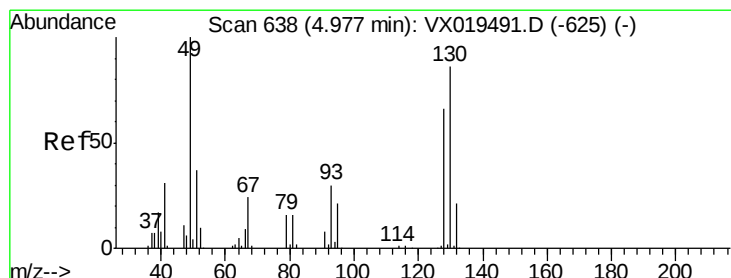
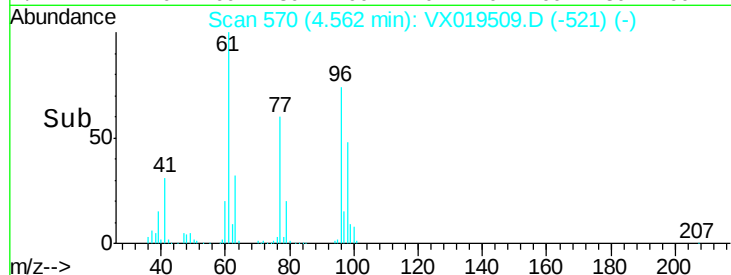
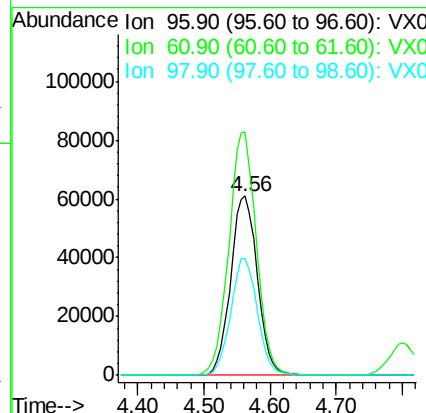
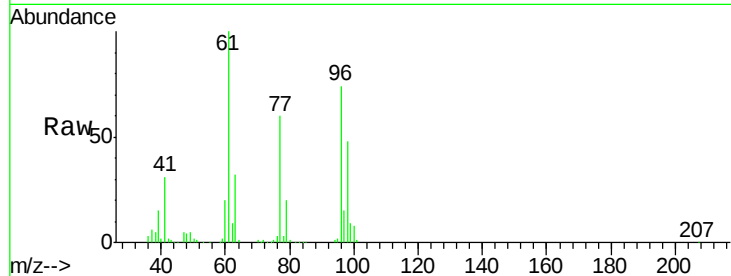


#27

cis-1,2-Dichloroethene
Concen: 52.177 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

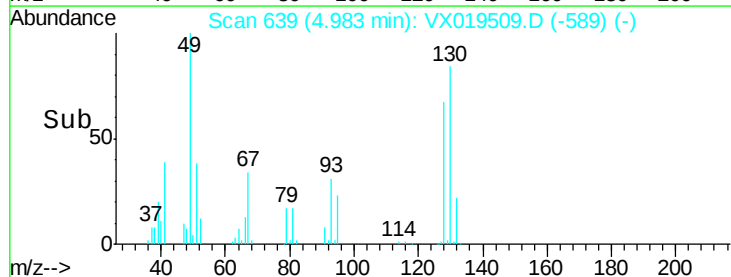
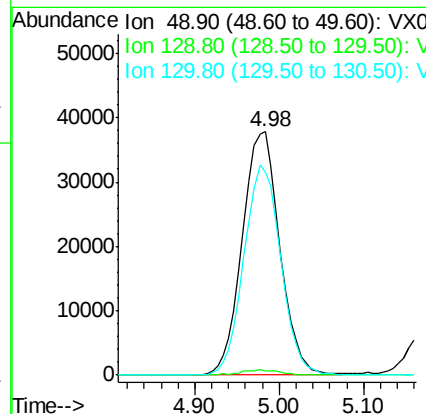
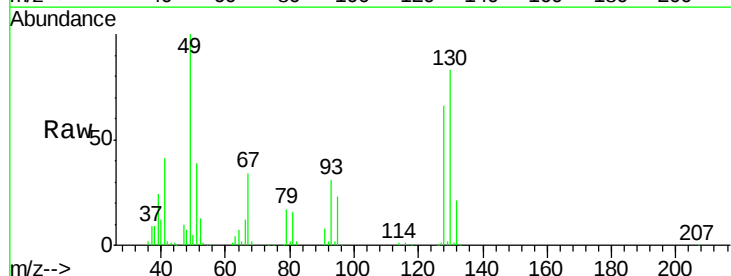
Tot Ion: 96 Resp: 171560
Ion Ratio Lower Upper
96 100
61 138.9 0.0 279.2
98 64.5 0.0 129.8

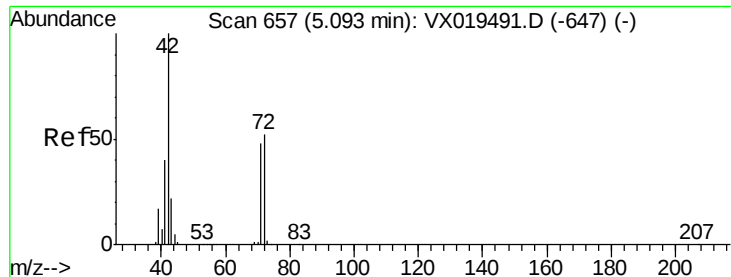


#28

Bromochloromethane
Concen: 47.756 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 49 Resp: 114344
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 84.8 69.0 103.6

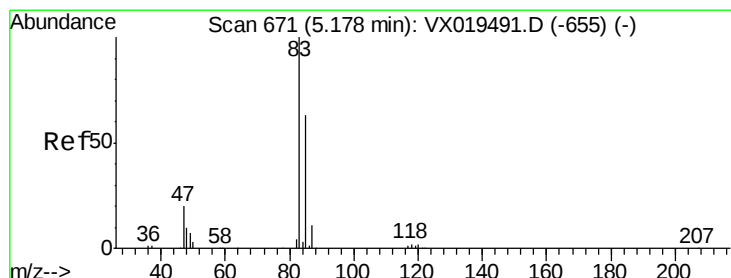
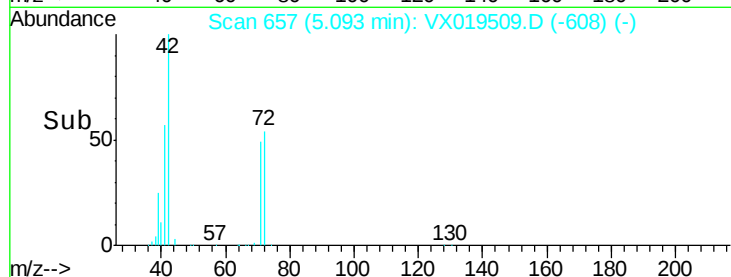
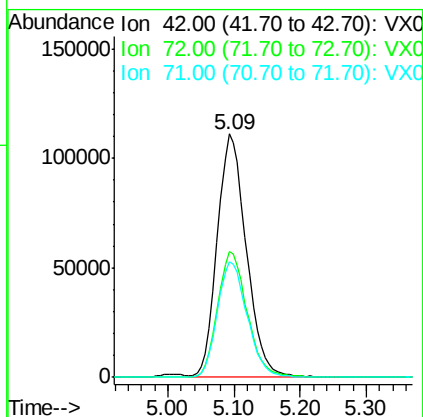
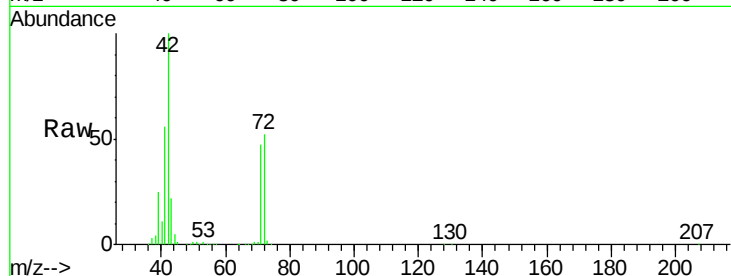




#29
Tetrahydrofuran
Concen: 275.627 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

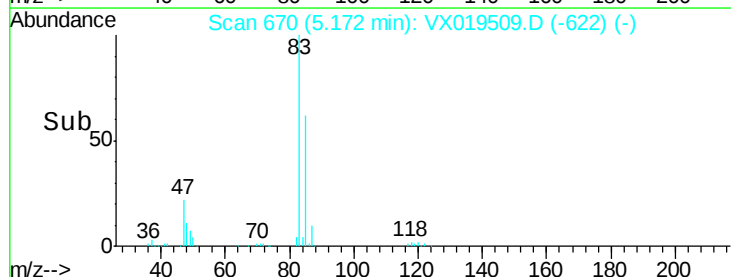
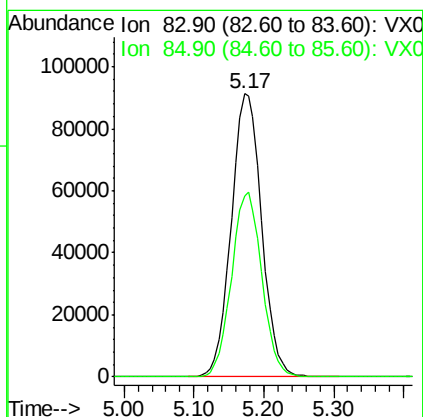
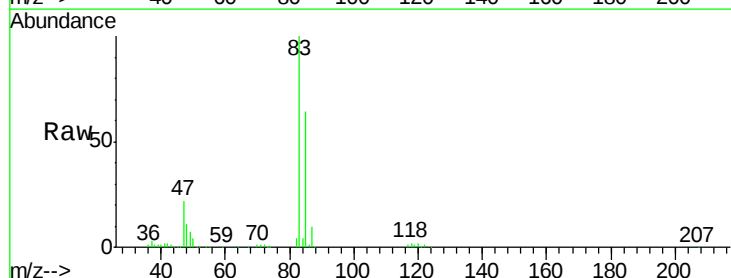
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

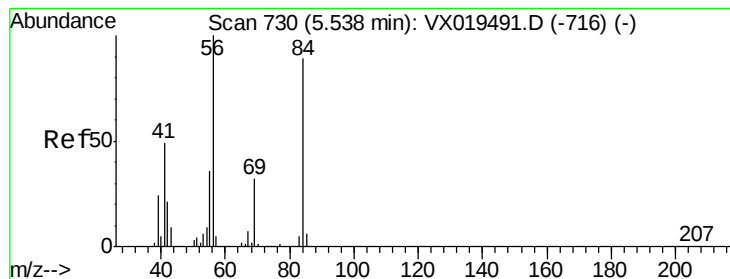
Tot Ion: 42 Resp: 337092
Ion Ratio Lower Upper
42 100
72 53.0 42.6 63.8
71 48.9 39.0 58.6



#30
Chloroform
Concen: 52.625 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 83 Resp: 275579
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7





#31

Cvclohexane

Concen: 51.483 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

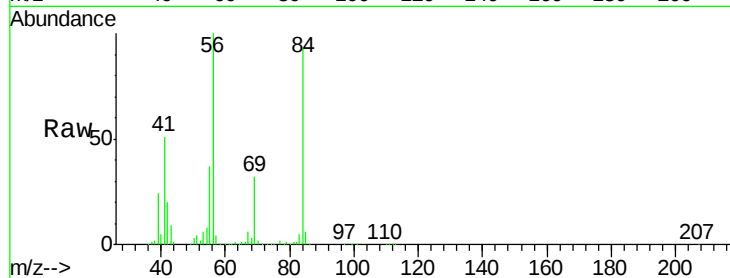
Tot Ion: 56 Resp: 220938

Ion Ratio Lower Upper

56 100

69 32.2 25.5 38.3

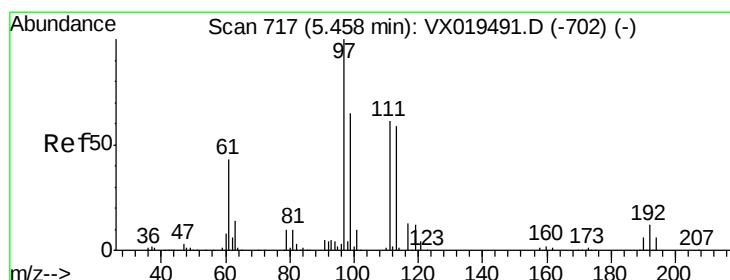
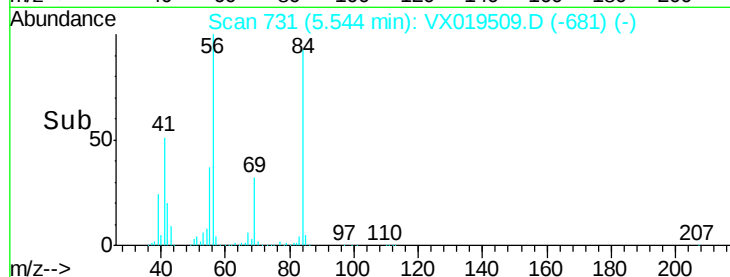
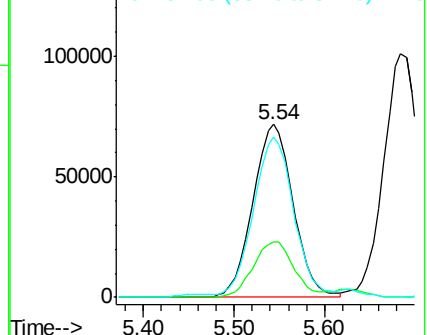
84 91.2 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.635 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

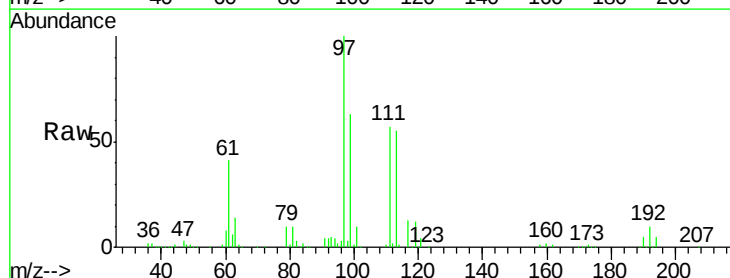
Tgt Ion: 97 Resp: 236766

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

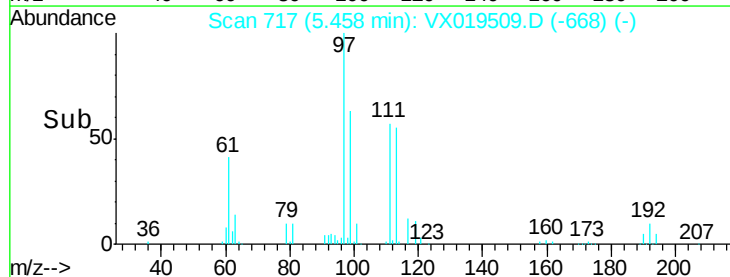
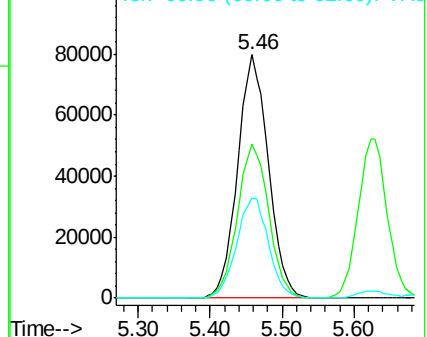
61 42.8 34.2 51.2

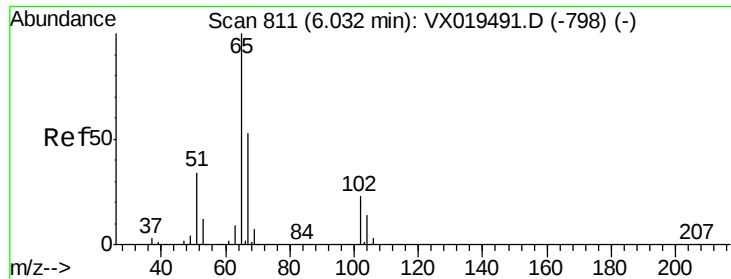


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

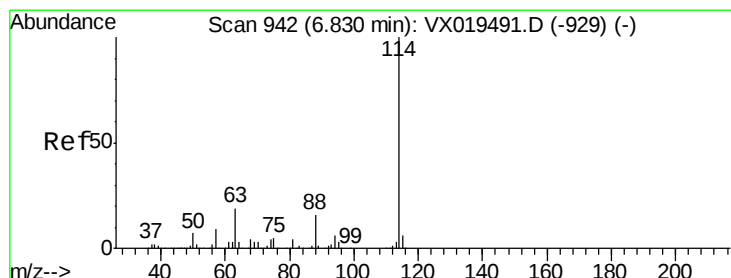
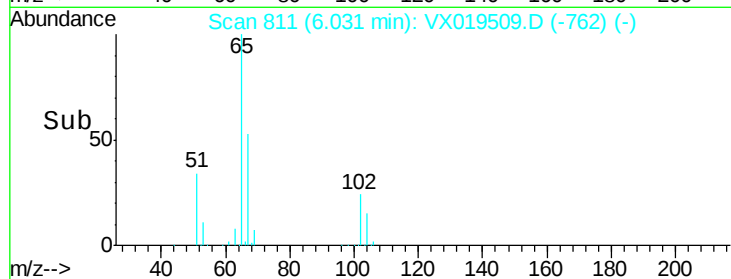
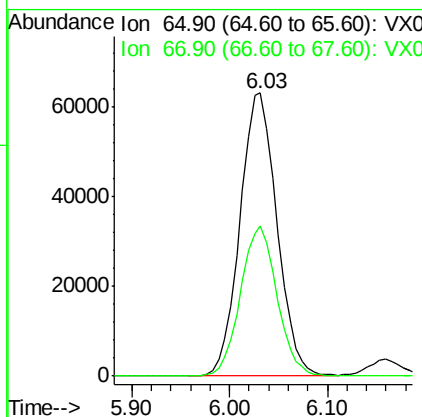
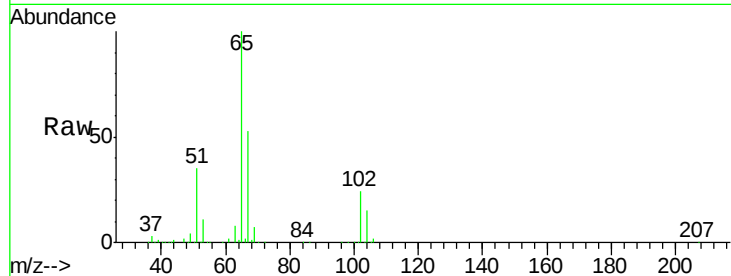




#33
 1,2-Dichloroethane-d4
 Concen: 50.203 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

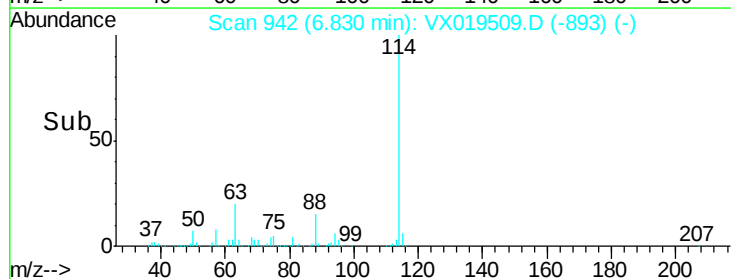
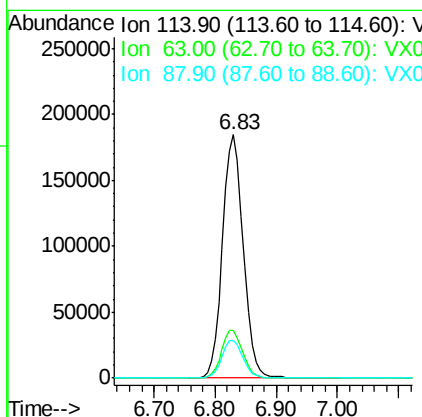
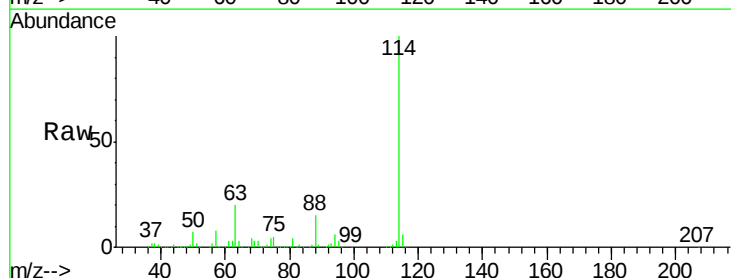
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

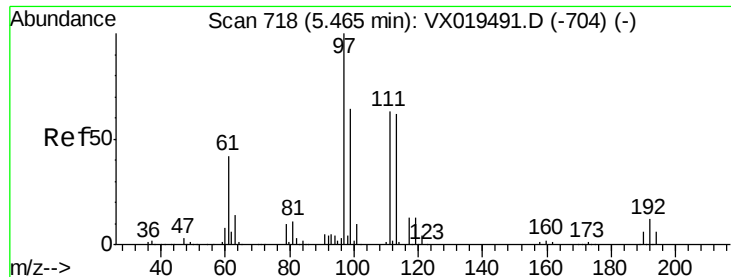
Tot Ion: 65 Resp: 165648
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 114 Resp: 434193
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.5 0.0 31.6

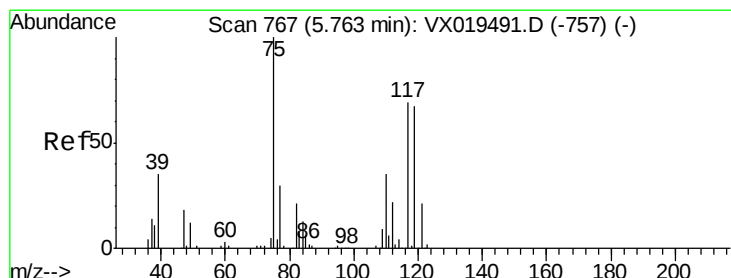
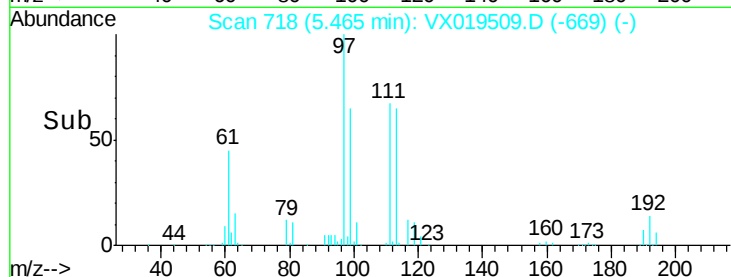
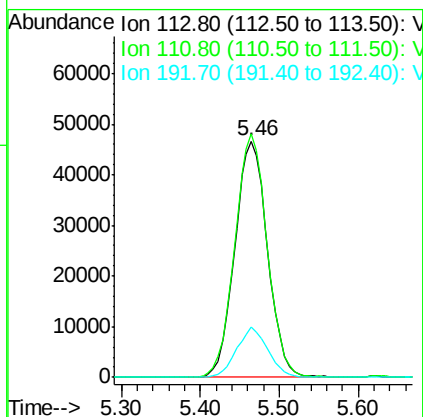
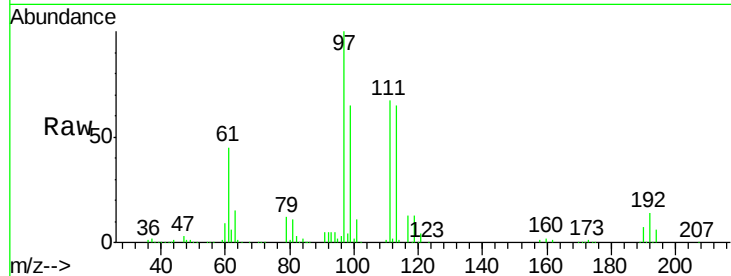




#35
Dibromofluoromethane
Concen: 49.294 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

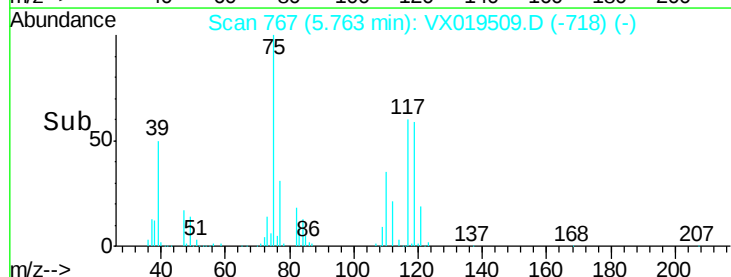
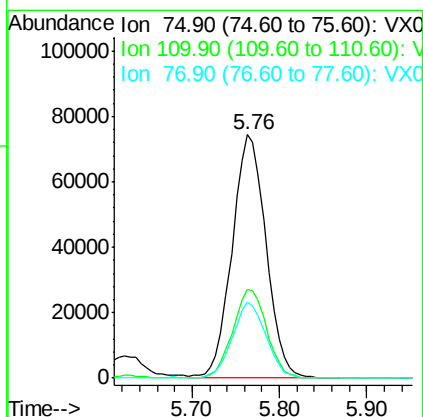
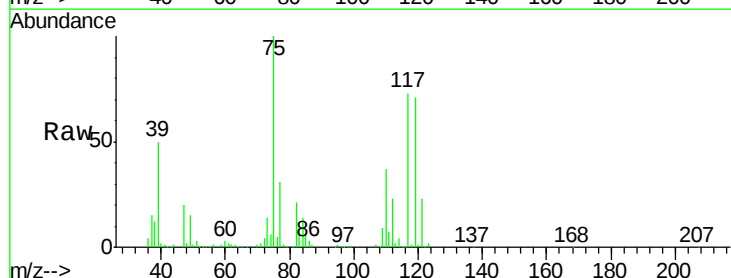
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

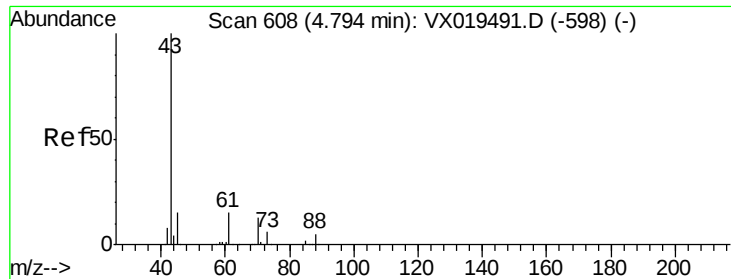
Tot Ion:113 Resp: 134348
Ion Ratio Lower Upper
113 100
111 102.3 81.5 122.3
192 20.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 48.974 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 75 Resp: 199352
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.3
77 30.8 24.2 36.4

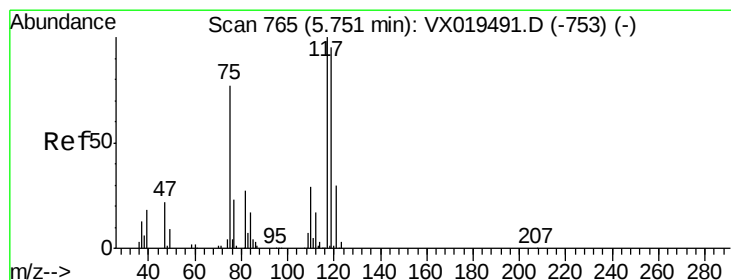
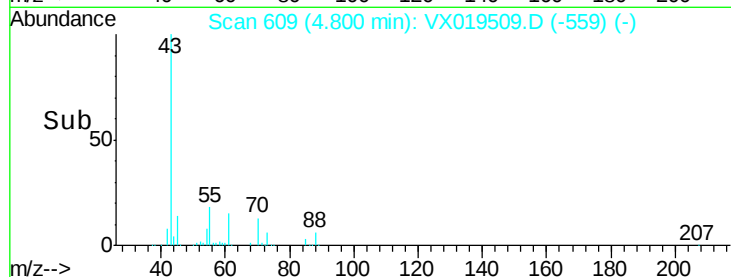
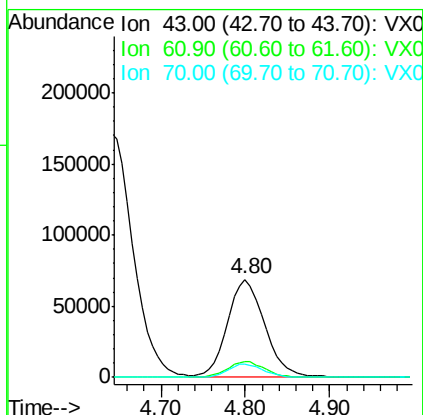
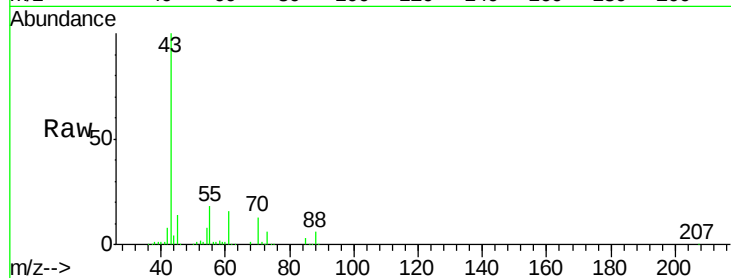




#37
Ethyl Acetate
Concen: 53.370 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

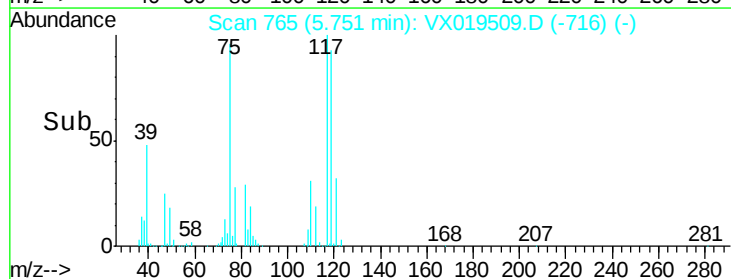
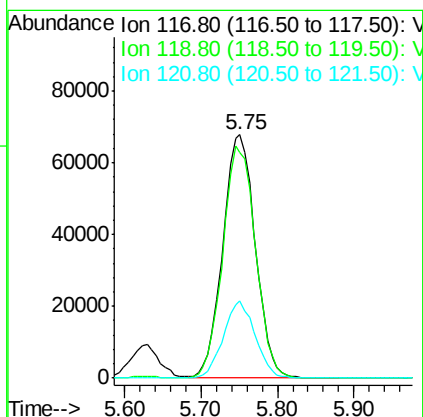
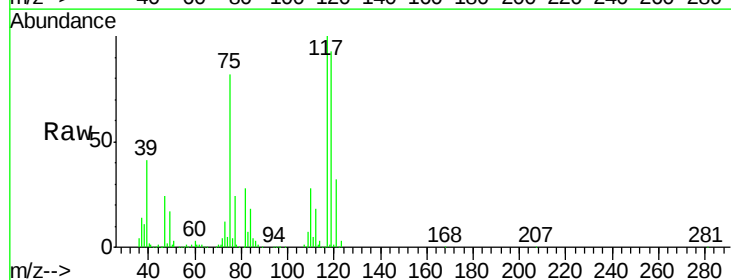
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

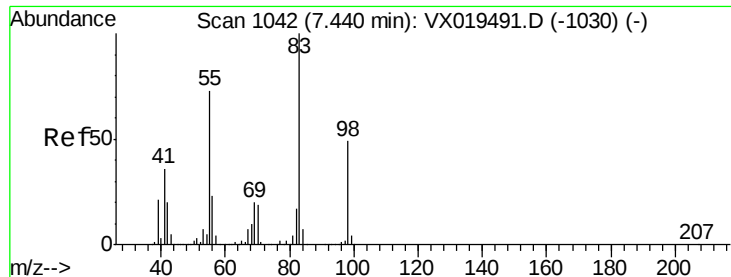
Tot Ion: 43 Resp: 203950
Ion Ratio Lower Upper
43 100
61 16.2 12.7 19.1
70 13.0 10.2 15.2



#38
Carbon Tetrachloride
Concen: 50.611 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 117 Resp: 199408
Ion Ratio Lower Upper
117 100
119 92.6 75.9 113.9
121 31.6 24.0 36.0

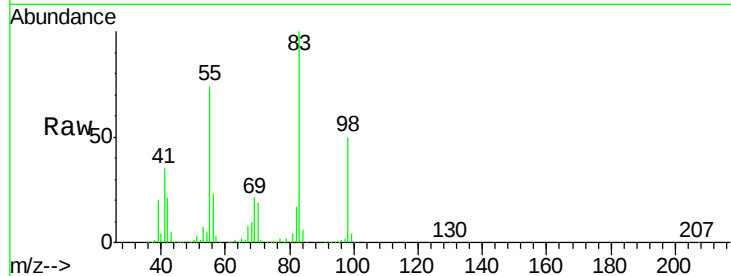




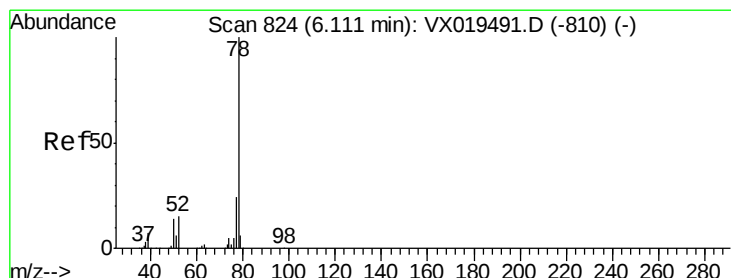
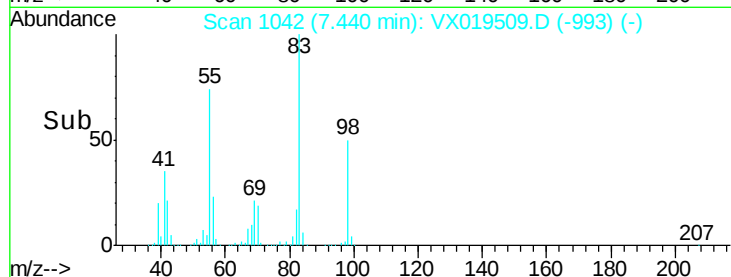
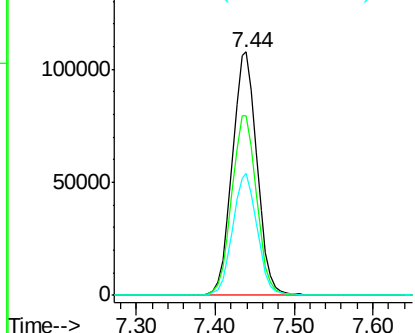
#39
Methvlcvclohexane
Concen: 49.704 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 235578
Ion Ratio Lower Upper
83 100
55 73.6 58.3 87.5
98 50.1 38.9 58.3

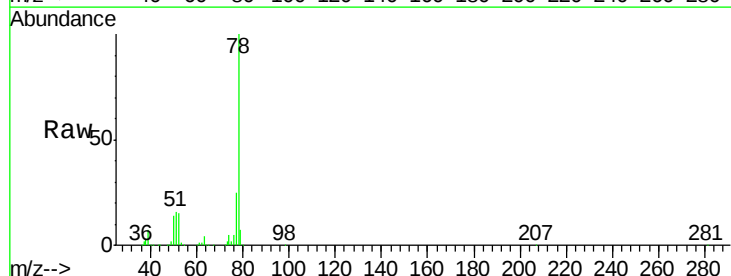


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

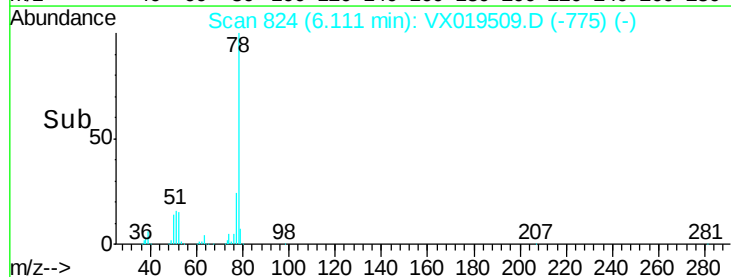
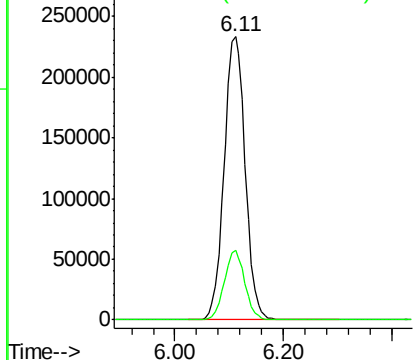


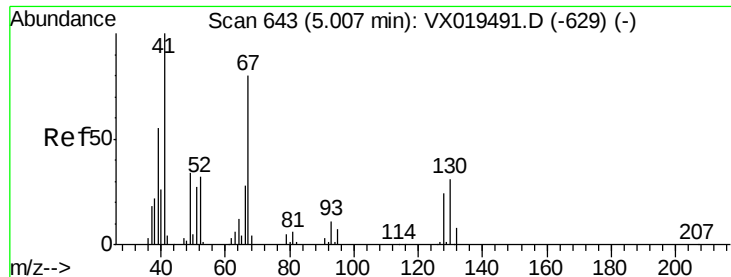
#40
Benzene
Concen: 50.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 78 Resp: 627164
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.590 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 108716

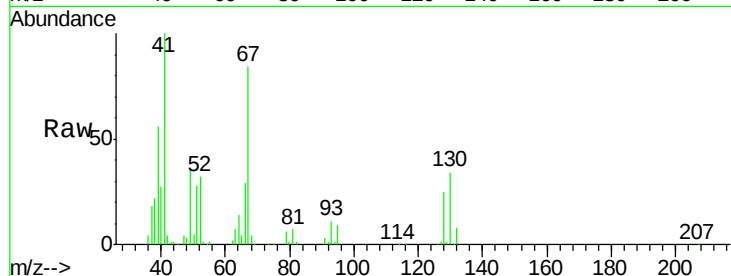
Ion Ratio Lower Upper

41 100

39 54.7 43.3 64.9

67 84.5 66.0 99.0

52 31.8 25.4 38.2

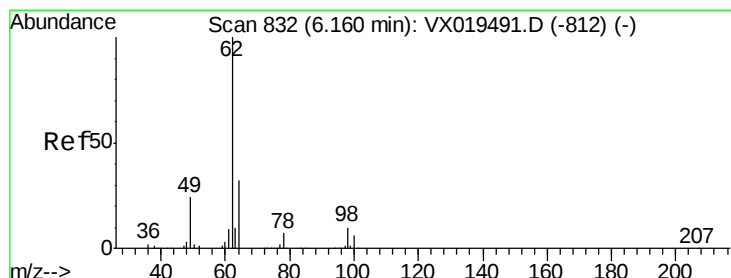
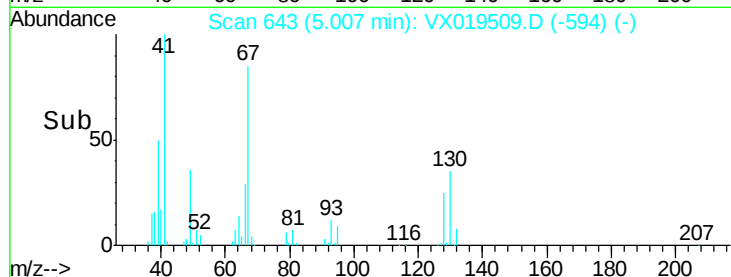
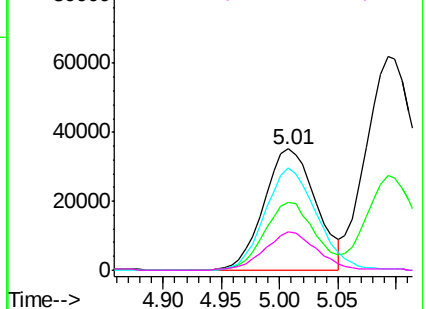


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.600 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019509.D

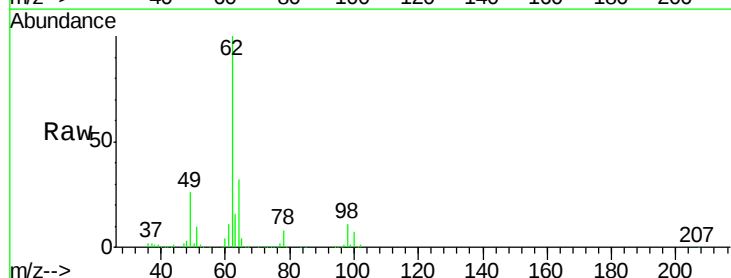
Acq: 20 Nov 2020 20:33

Tgt Ion: 62 Resp: 216910

Ion Ratio Lower Upper

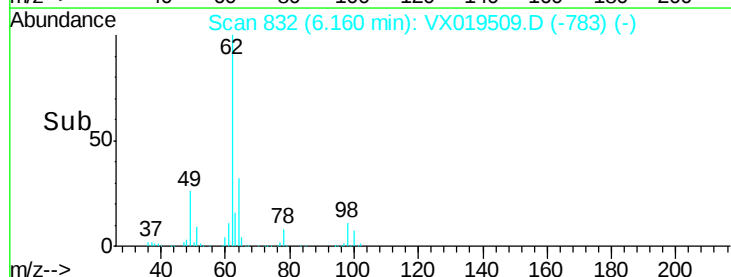
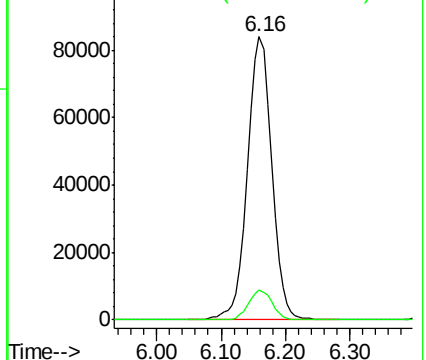
62 100

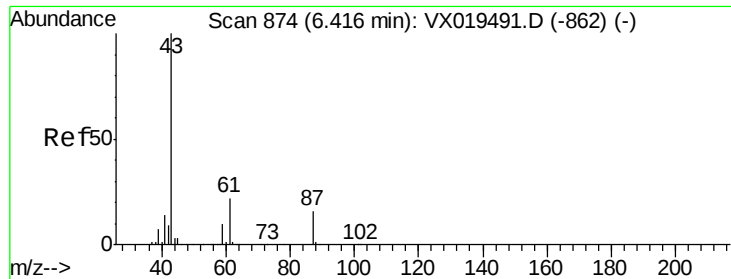
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



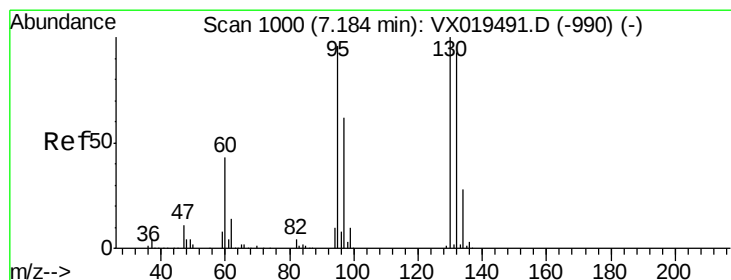
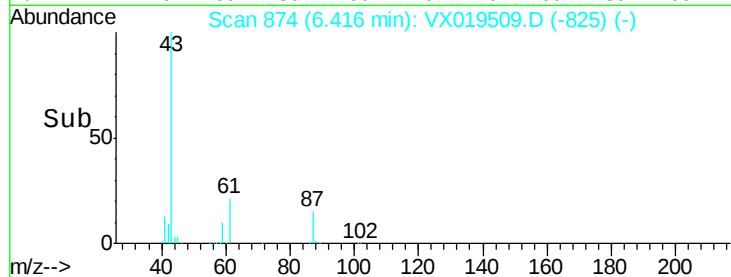
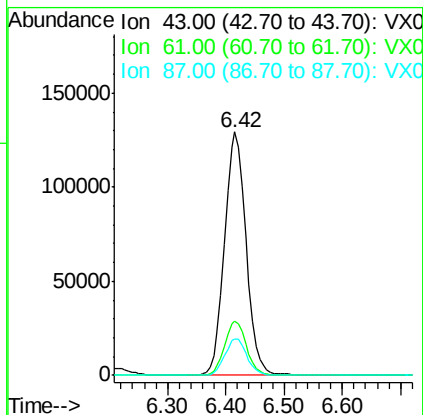
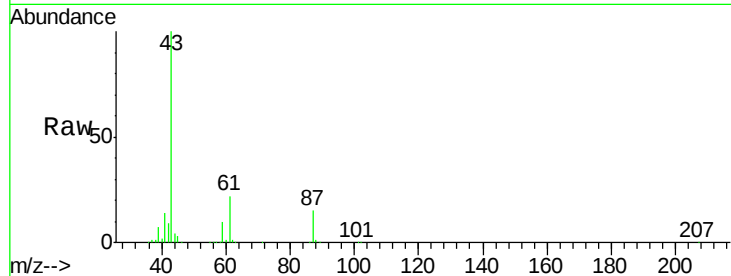


#43

Isopropyl Acetate
 Concen: 51.817 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

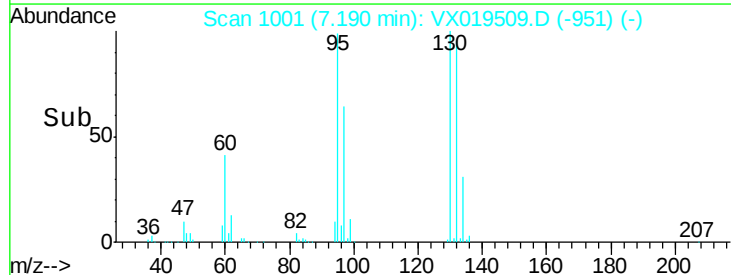
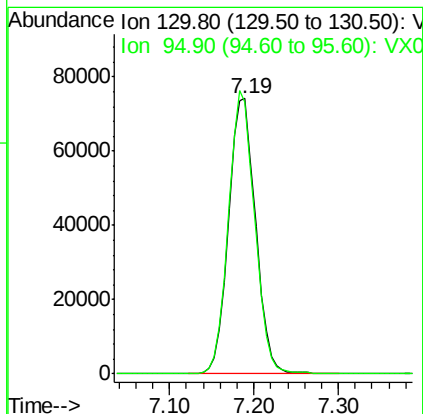
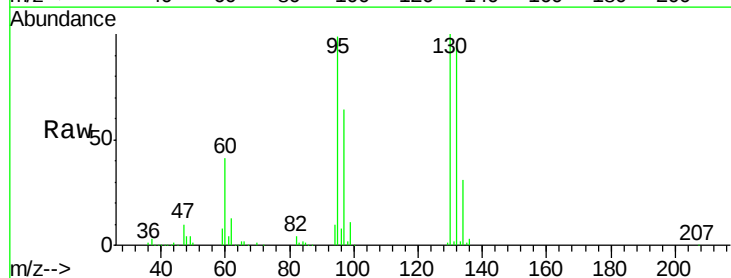
Tot Ion	43	Resp	332865
Ion Ratio	Lower	Upper	
43	100		
61	22.5	18.2	27.2
87	15.4	12.6	18.8

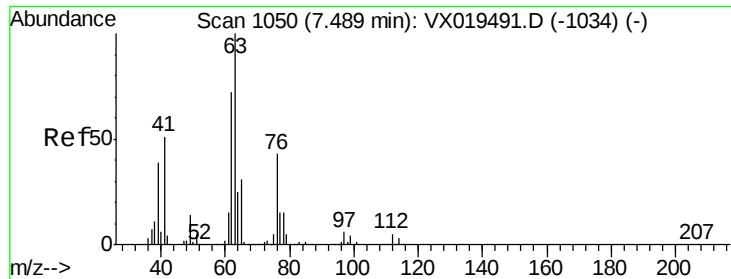


#44

Trichloroethene
 Concen: 49.325 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	130	Resp	161588
Ion Ratio	Lower	Upper	
130	100		
95	99.0	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.903 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

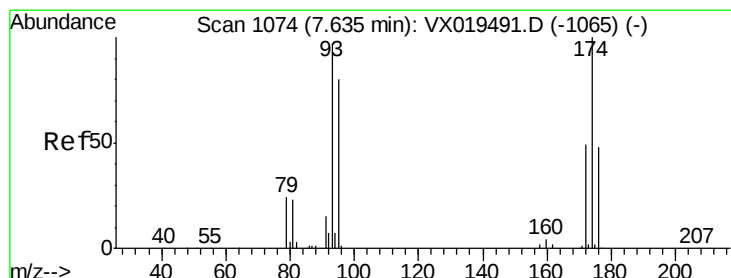
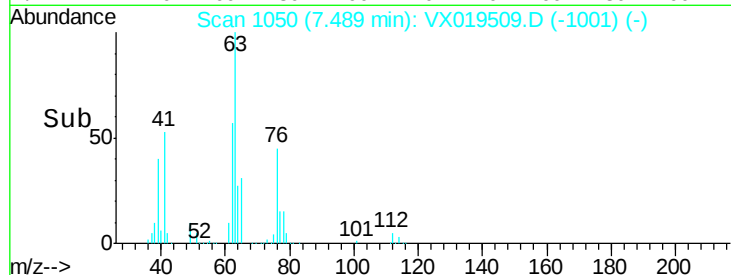
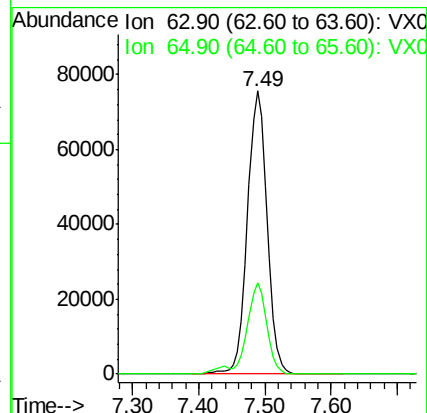
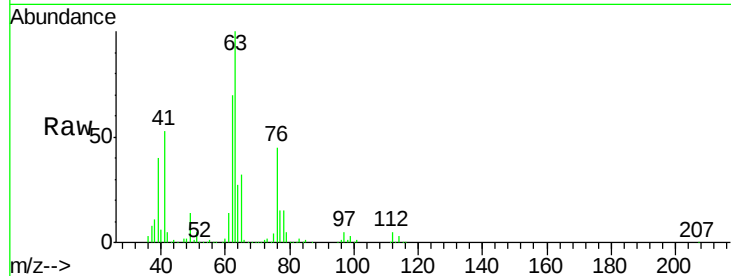
VSTDCCC050EC

Tot Ion: 63 Resp: 156729

Ion Ratio Lower Upper

63 100

65 32.3 25.0 37.4



#46

Dibromomethane

Concen: 50.455 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

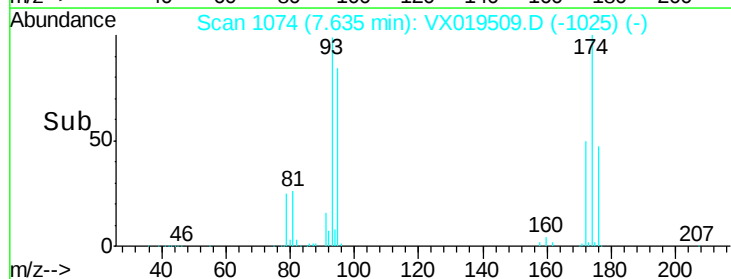
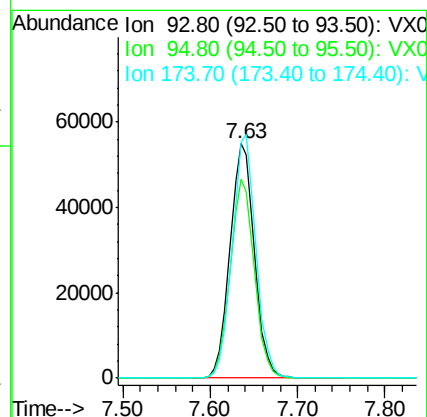
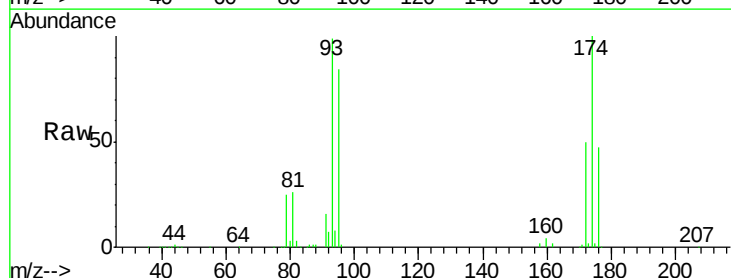
Tgt Ion: 93 Resp: 106324

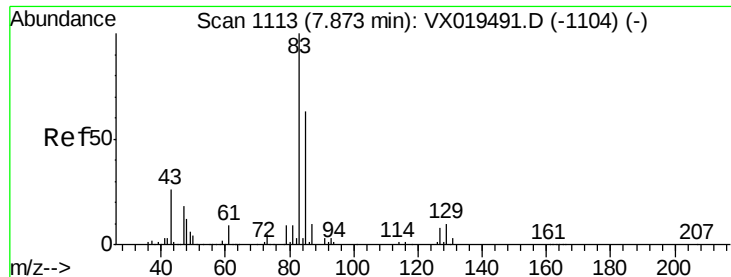
Ion Ratio Lower Upper

93 100

95 84.1 66.8 100.2

174 101.4 83.0 124.4





#47

Bromodichloromethane

Concen: 51.637 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

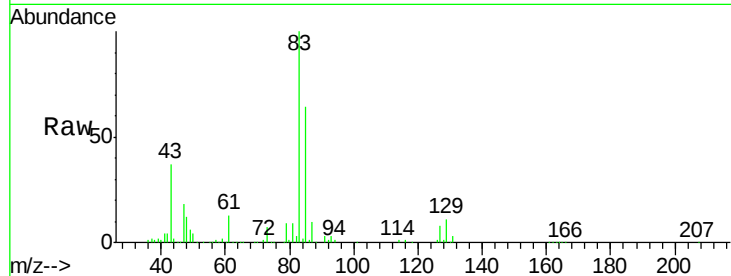
Tot Ion: 83 Resp: 211150

Ion Ratio Lower Upper

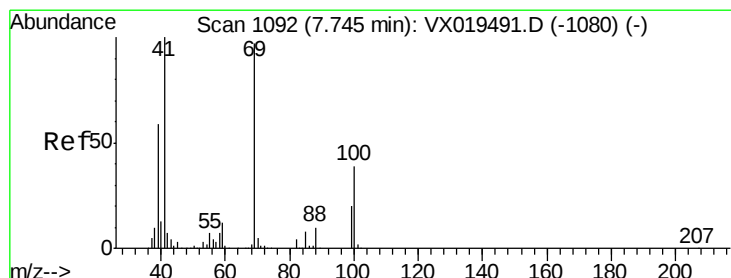
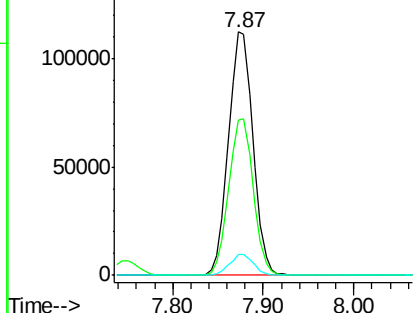
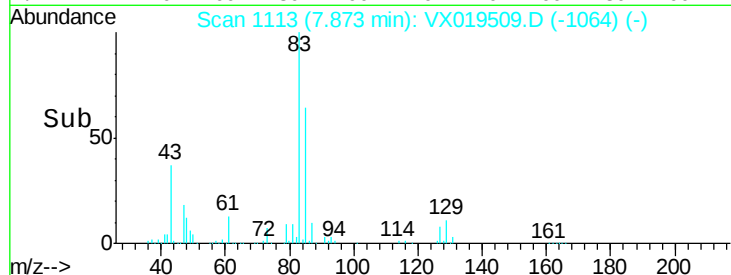
83 100

85 64.0 50.2 75.2

127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.764 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

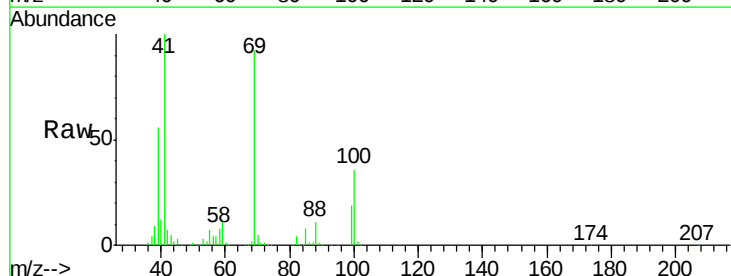
Tgt Ion: 41 Resp: 161747

Ion Ratio Lower Upper

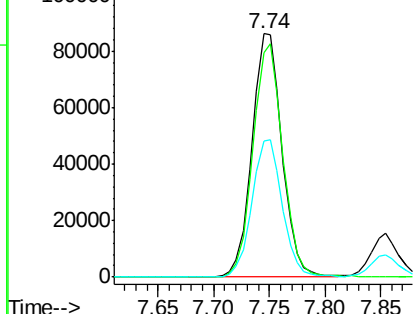
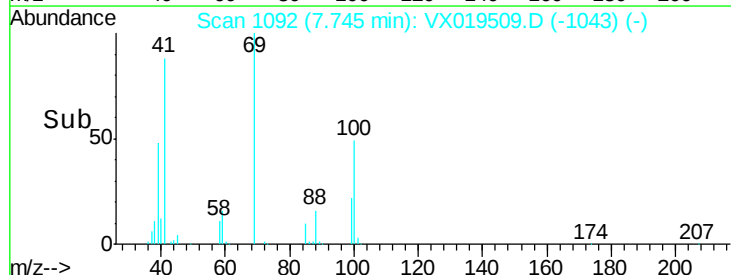
41 100

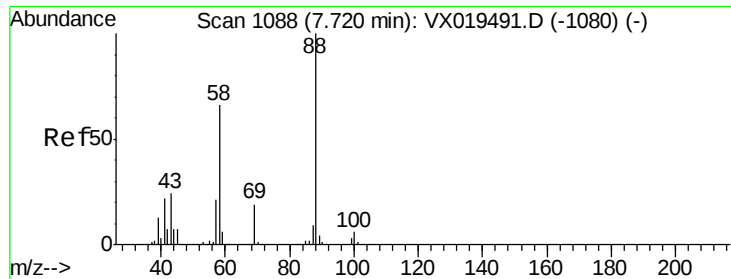
69 95.6 77.0 115.6

39 56.9 45.6 68.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

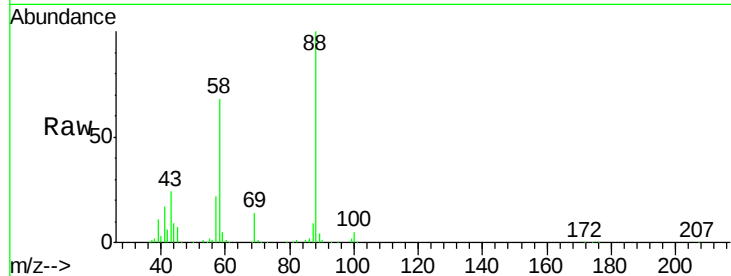




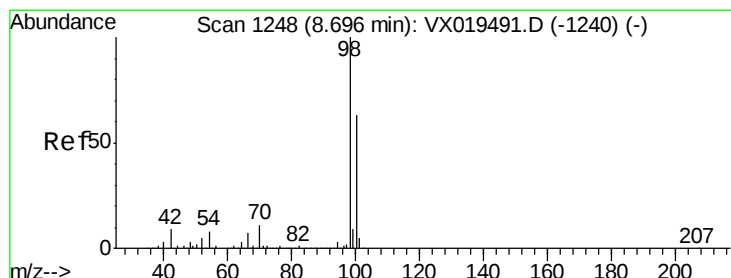
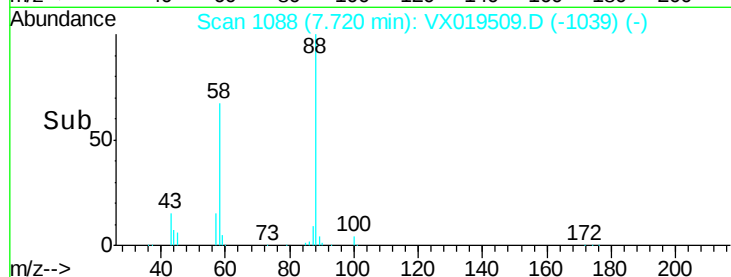
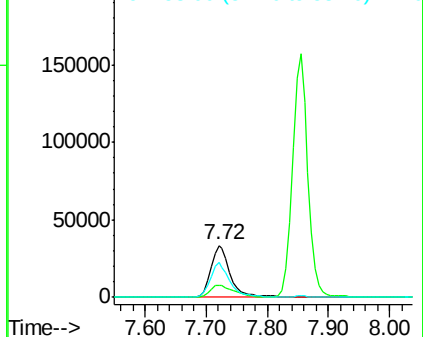
#49
1,4-Dioxane
Concen: 1117.195 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 76313
Ion Ratio Lower Upper
88 100
43 28.3 23.8 35.6
58 66.7 54.2 81.2

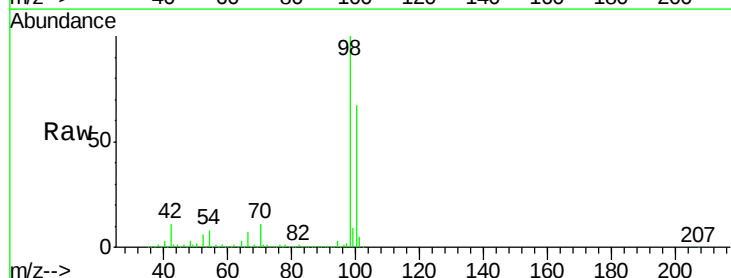


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

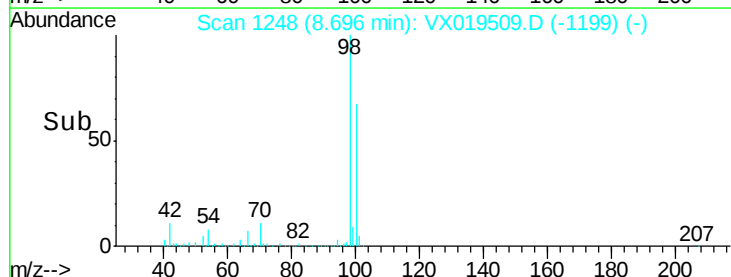
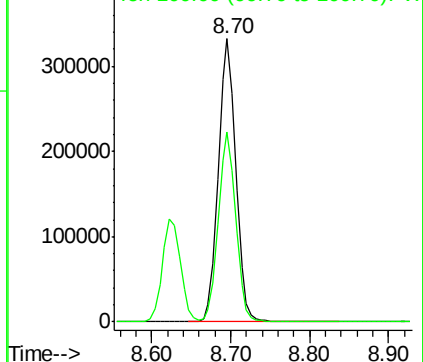


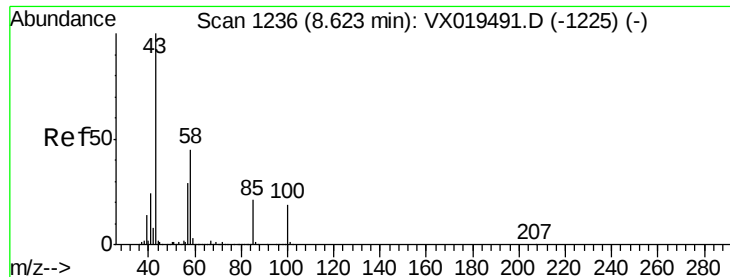
#50
Toluene-d8
Concen: 48.438 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 98 Resp: 512996
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 272.795 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

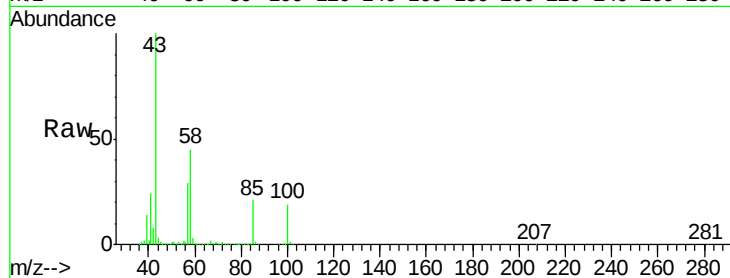
VSTDCCC050EC

Tot Ion: 43 Resp: 1021867

Ion Ratio Lower Upper

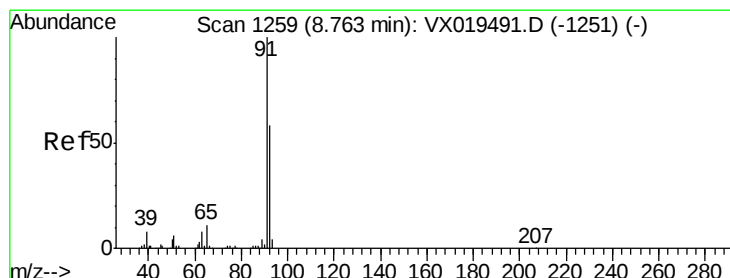
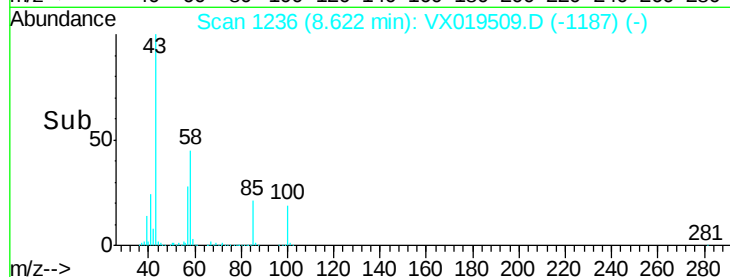
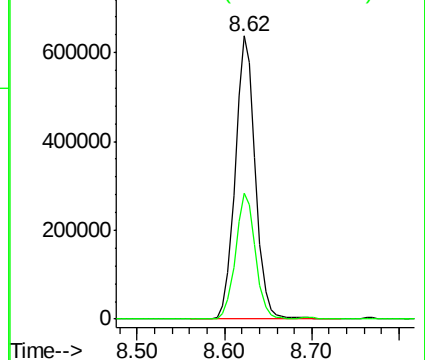
43 100

58 44.1 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.694 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019509.D

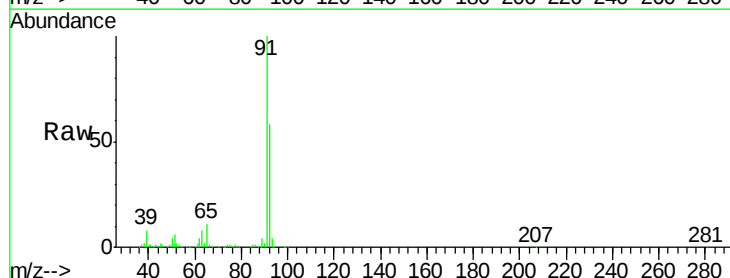
Acq: 20 Nov 2020 20:33

Tgt Ion: 92 Resp: 395514

Ion Ratio Lower Upper

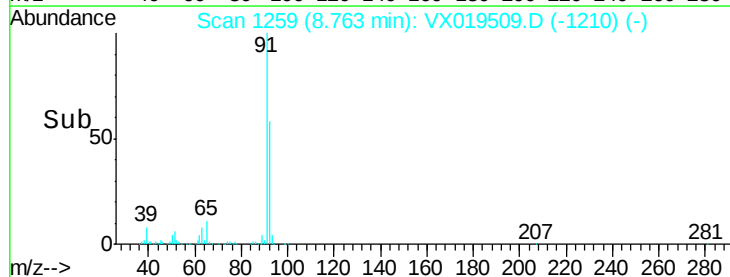
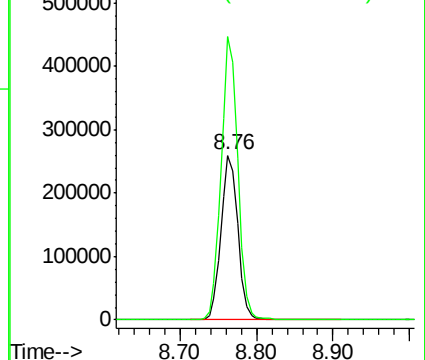
92 100

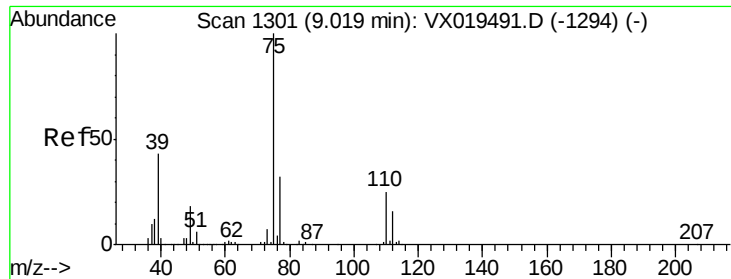
91 170.6 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

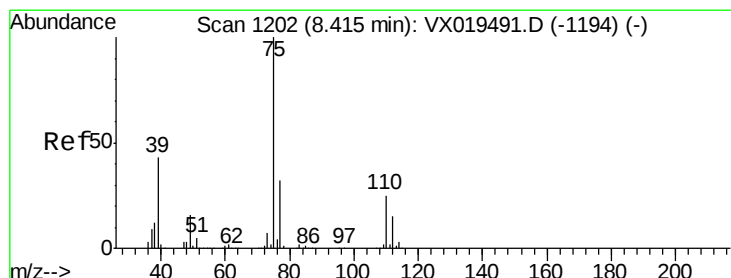
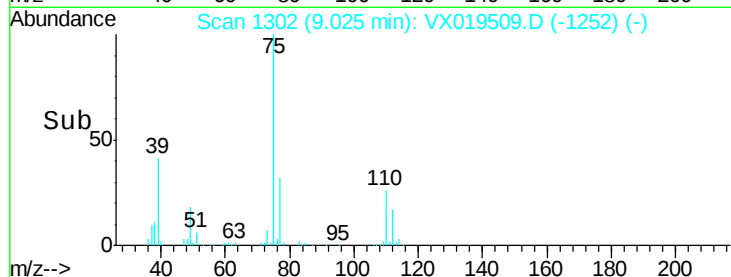
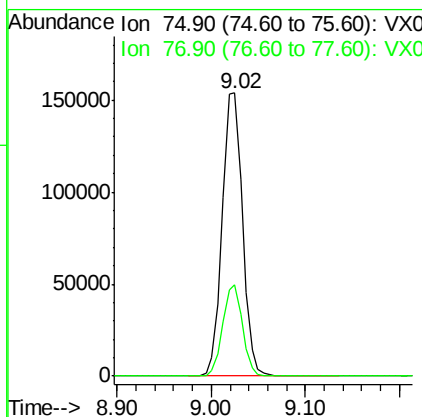
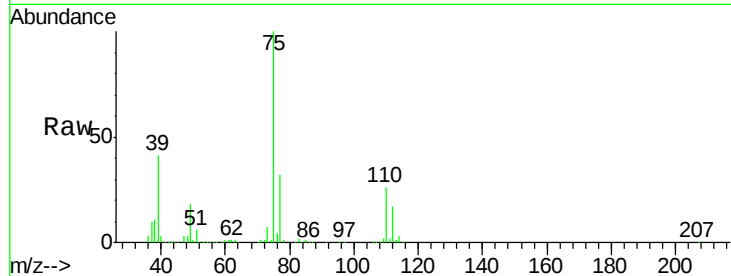




#53
 t-1,3-Dichloropropene
 Concen: 52.218 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

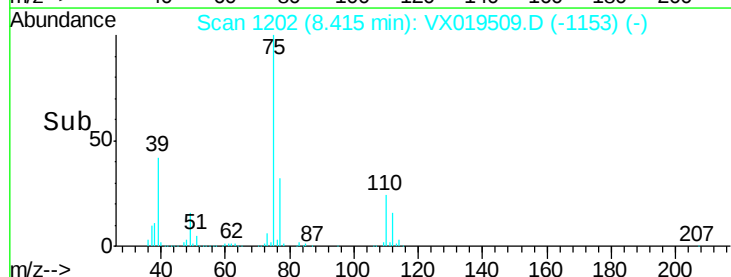
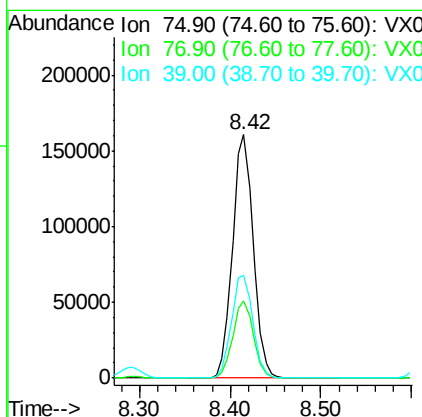
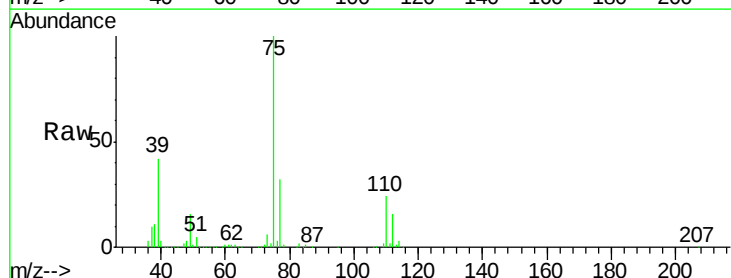
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

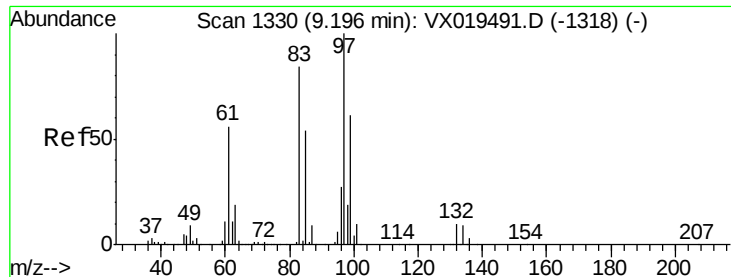
Tot Ion: 75 Resp: 230605
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.076 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 75 Resp: 255219
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 42.1 34.6 51.8

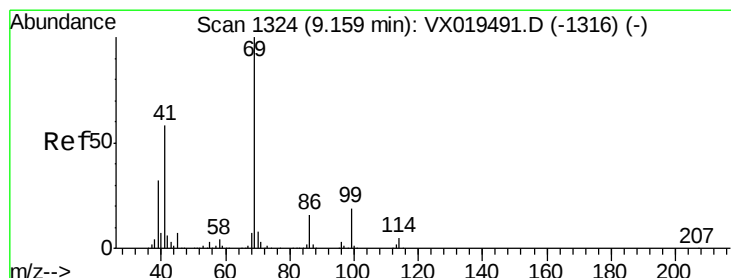
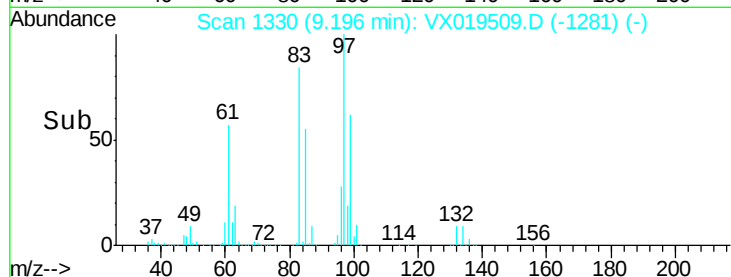
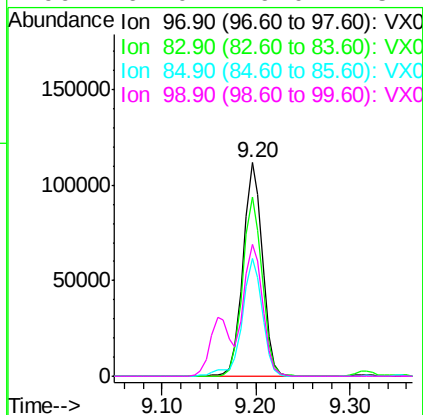
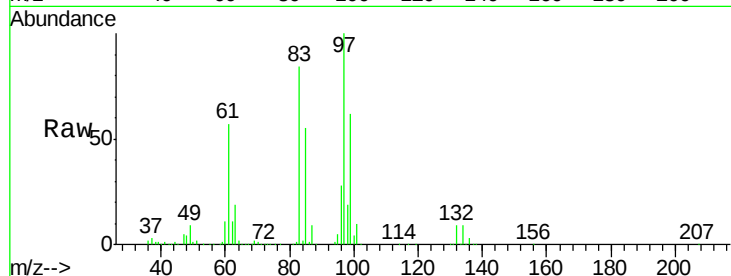




#55
 1,1,2-Trichloroethane
 Concen: 51.660 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

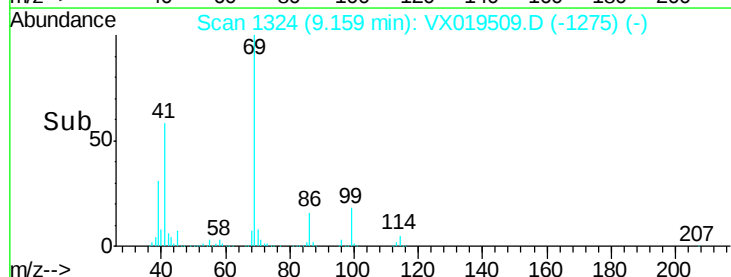
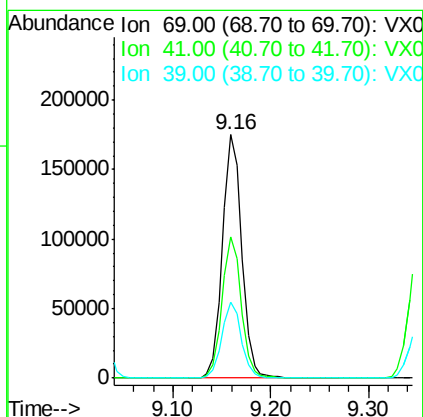
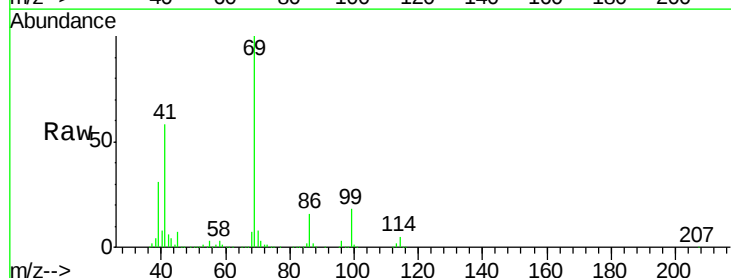
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

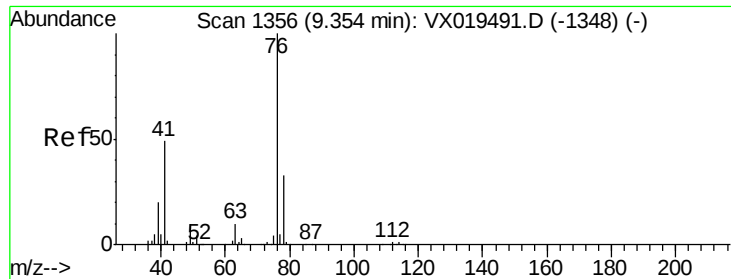
Tot Ion:	97	Resp:	160972
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	54.9	43.4	65.0
99	62.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 54.560 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion:	69	Resp:	240565
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.2	69.2
39	31.3	25.5	38.3

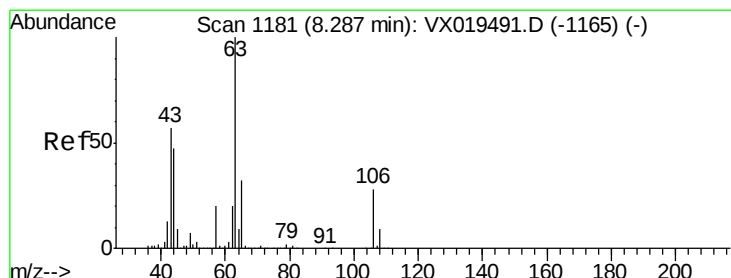
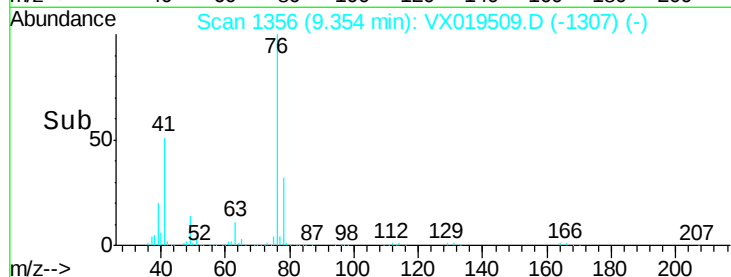
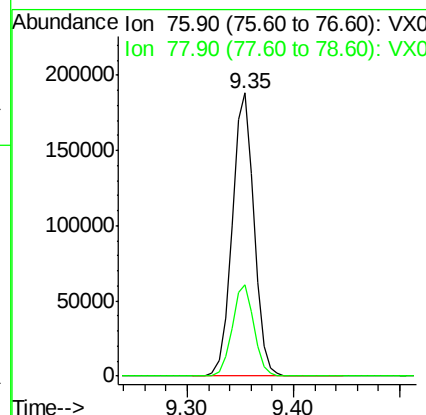
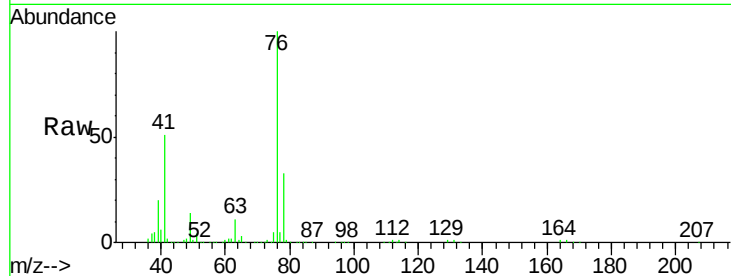




#57
 1,3-Dichloropropane
 Concen: 51.564 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

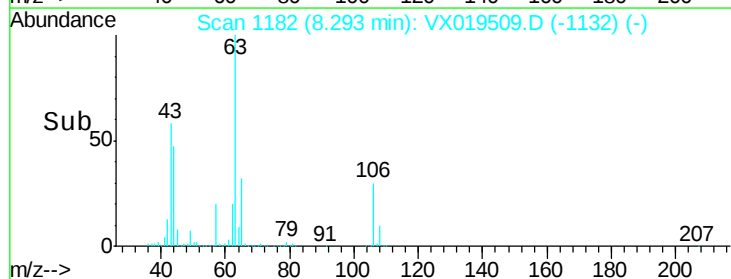
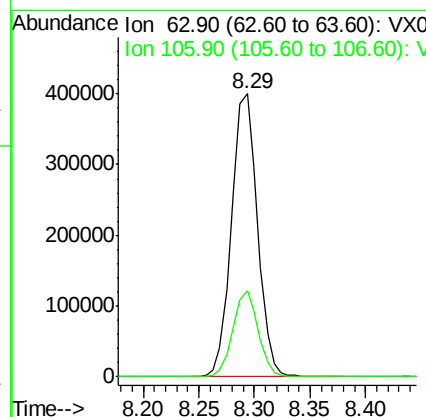
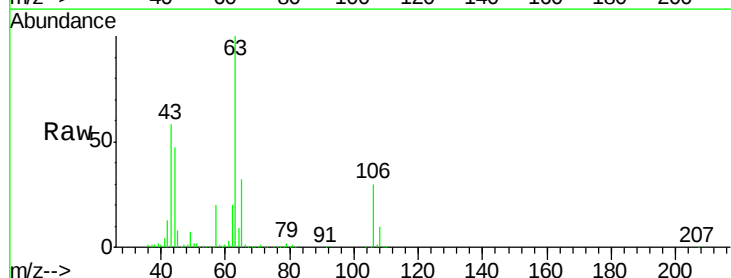
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

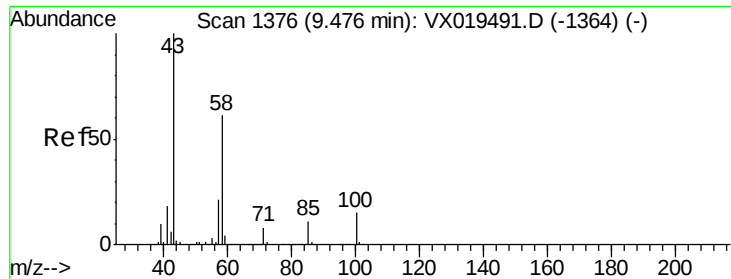
Tot Ion: 76 Resp: 269002
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.992 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 63 Resp: 643286
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5

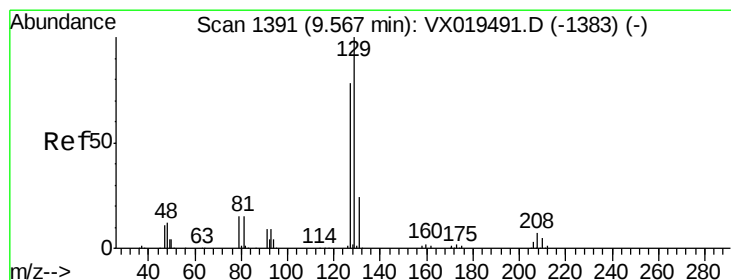
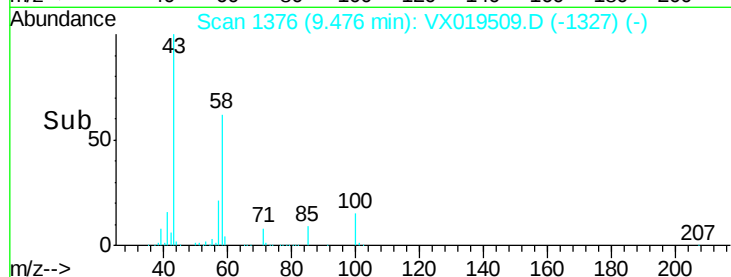
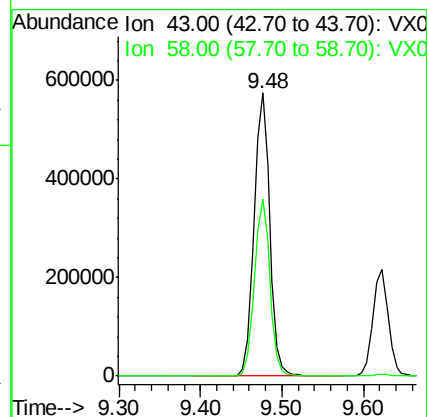
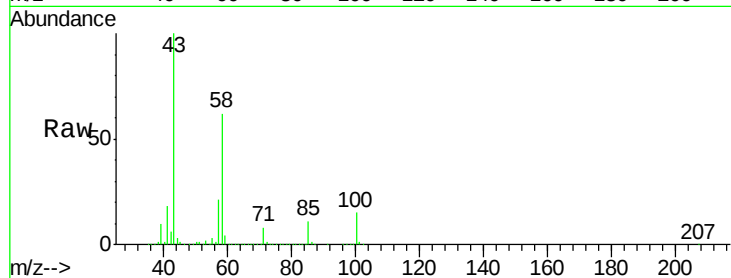




#59
2-Hexanone
Concen: 272.335 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

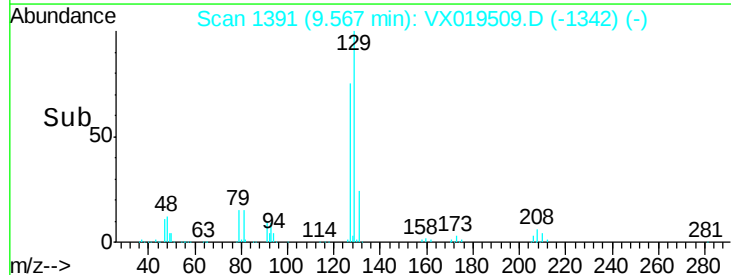
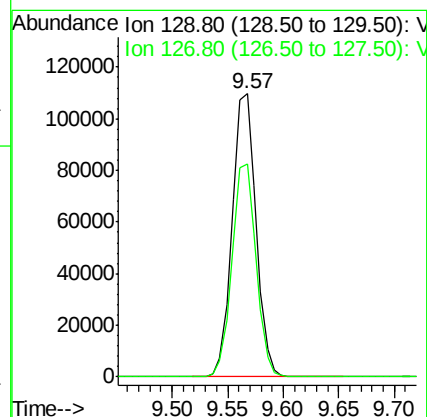
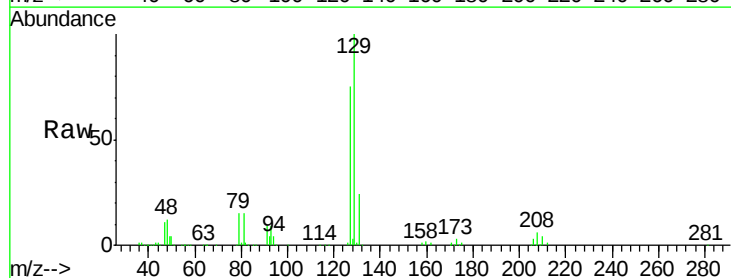
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

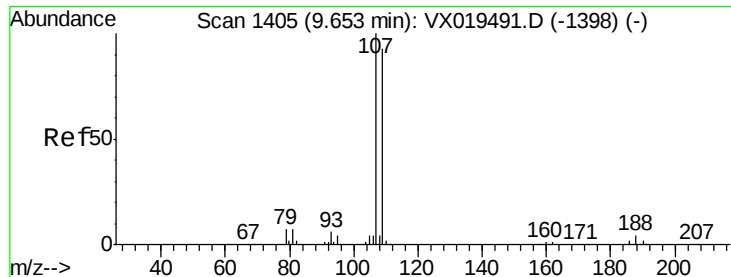
Tot Ion: 43 Resp: 773702
Ion Ratio Lower Upper
43 100
58 62.1 30.6 91.6



#60
Dibromochloromethane
Concen: 53.253 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion: 129 Resp: 162532
Ion Ratio Lower Upper
129 100
127 76.1 39.0 116.9

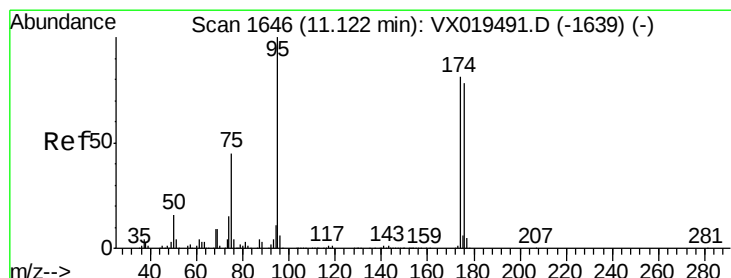
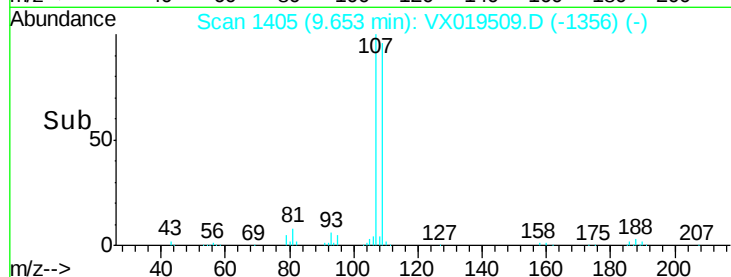
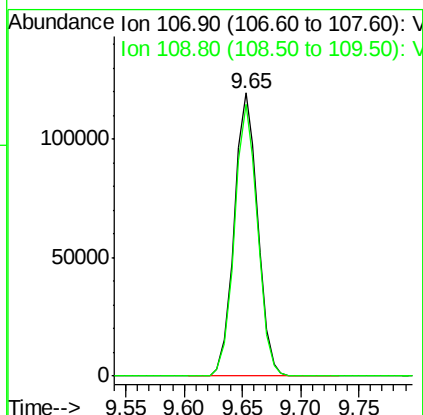
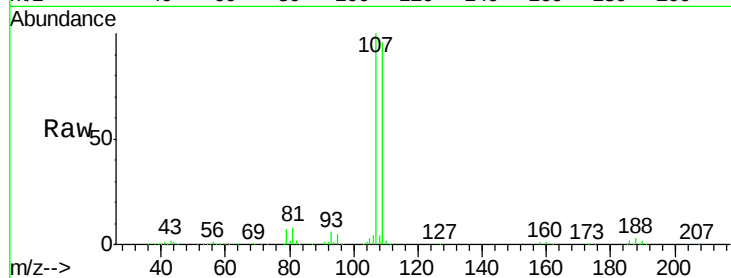




#61
 1,2-Dibromoethane
 Concen: 52.114 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

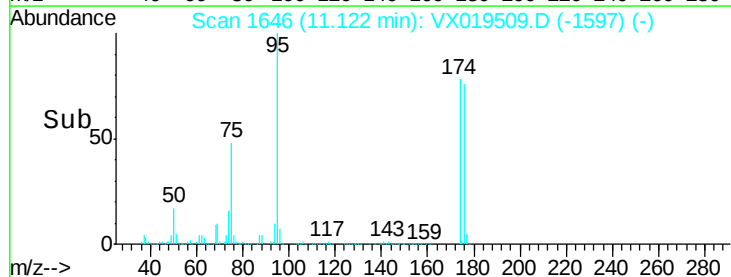
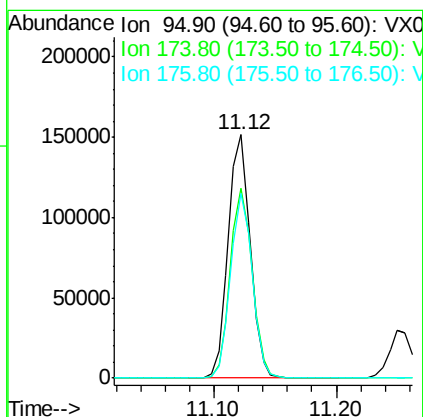
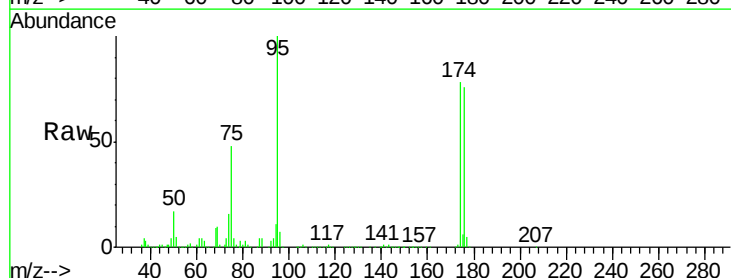
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

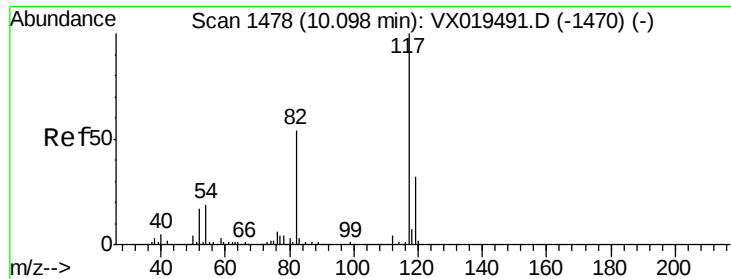
Tot Ion:107 Resp: 167386
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.330 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion: 95 Resp: 187969
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 156.2
 176 74.5 0.0 151.4

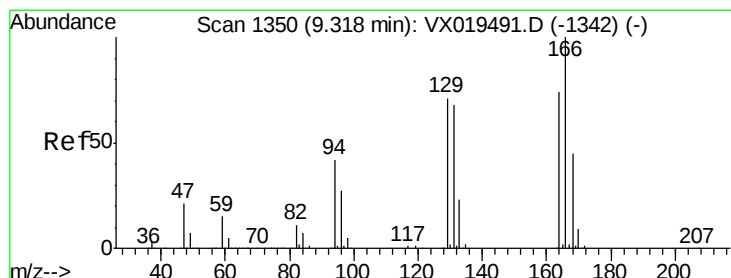
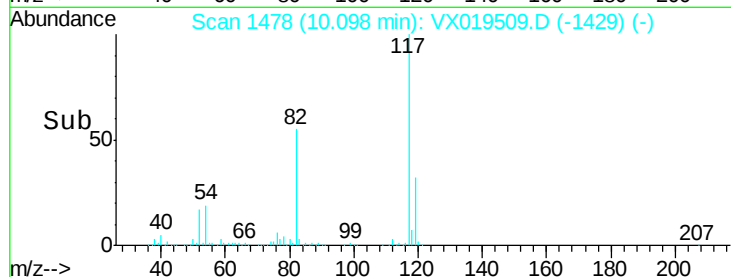
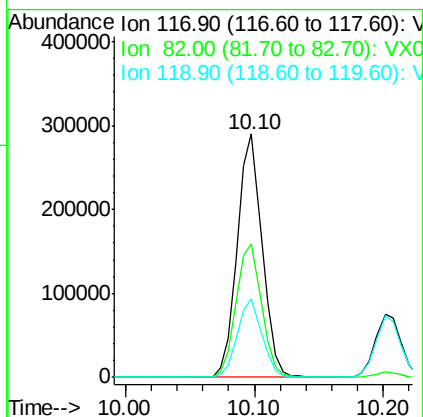
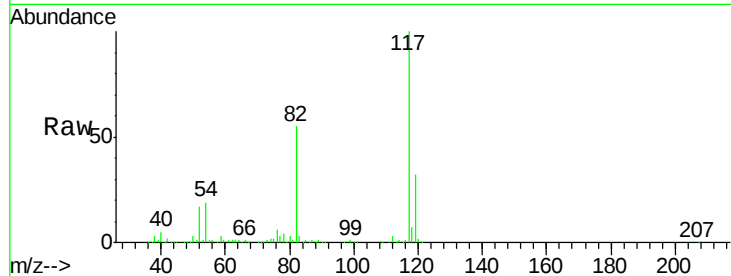




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

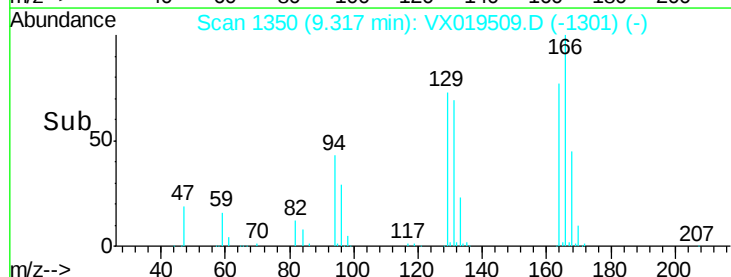
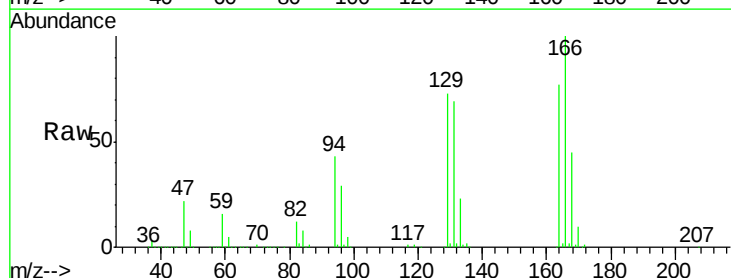
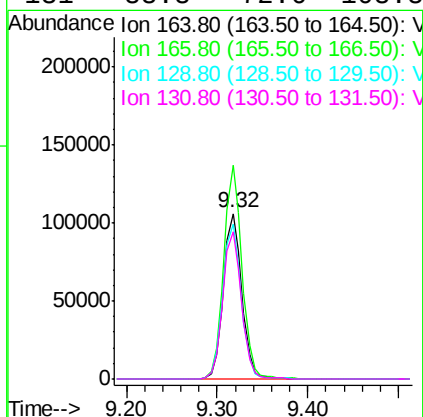
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

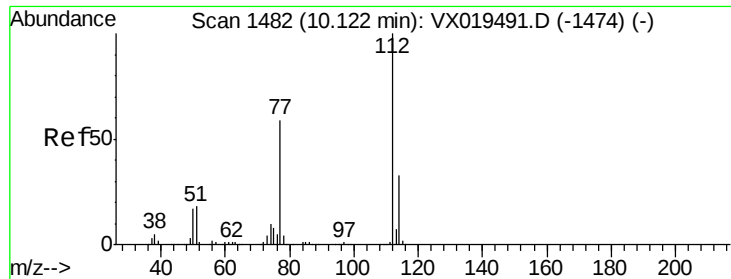
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	32.2	25.6	38.4



#64
Tetrachloroethene
Concen: 48.824 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	107.4	161.0
129	93.9	76.6	114.8
131	88.8	72.6	108.8

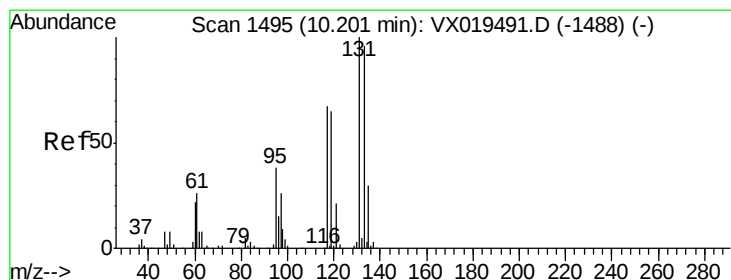
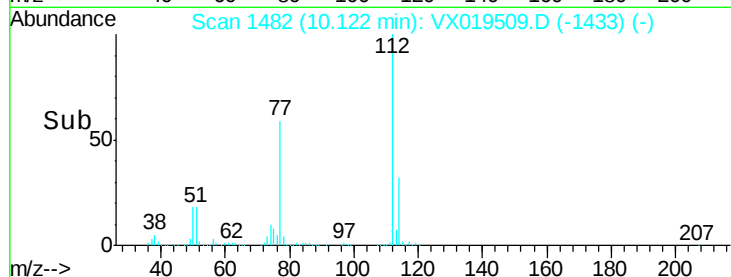
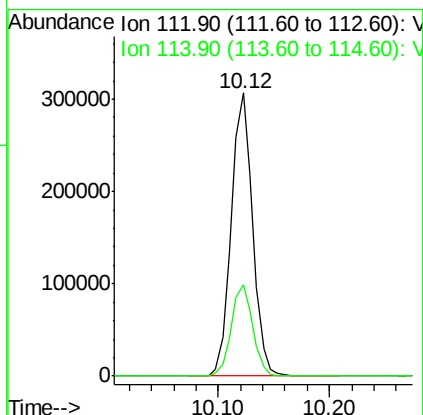
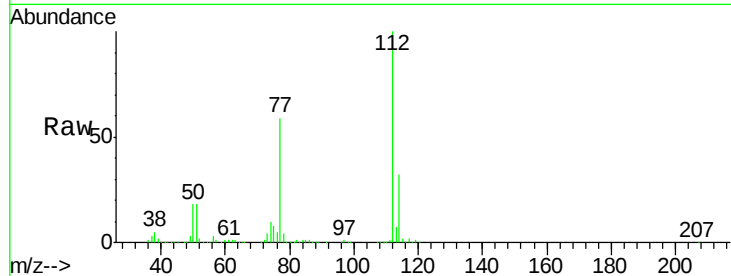




#65
Chlorobenzene
Concen: 50.502 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

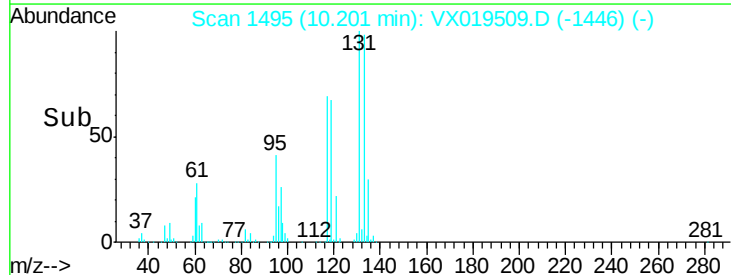
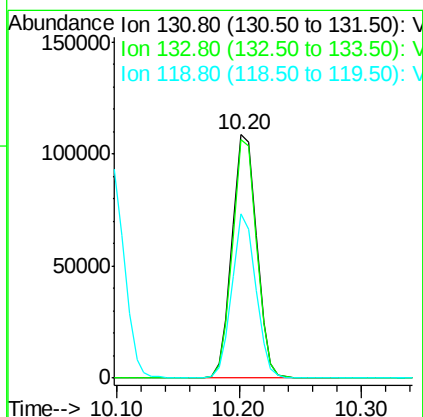
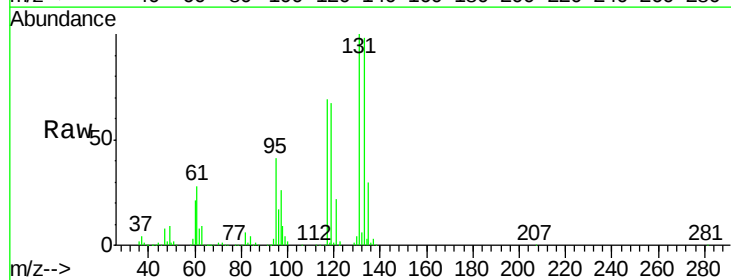
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

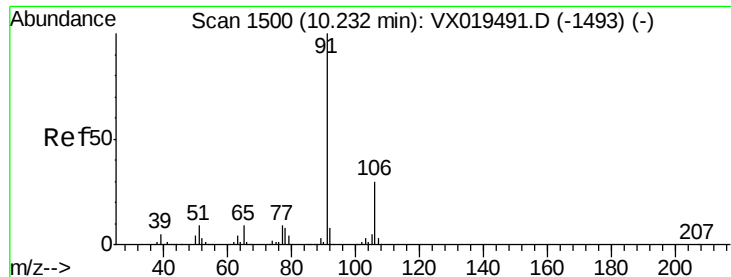
Tot Ion:112 Resp: 404816
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.925 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion:131 Resp: 151398
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 52.775 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

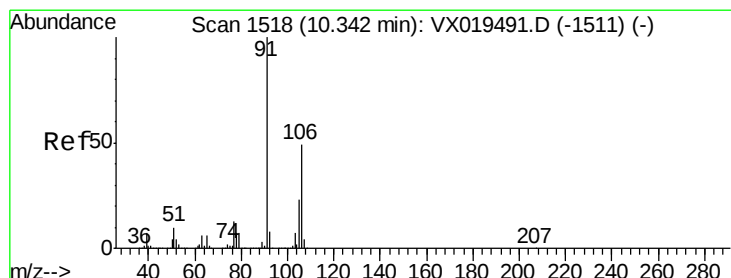
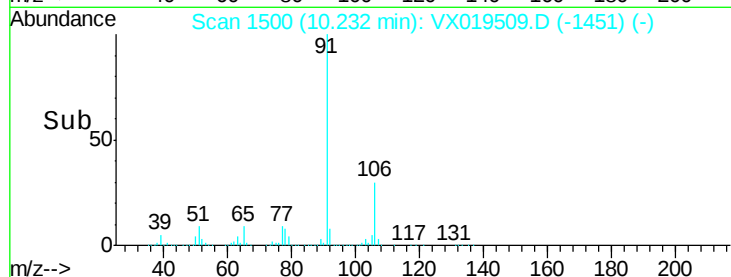
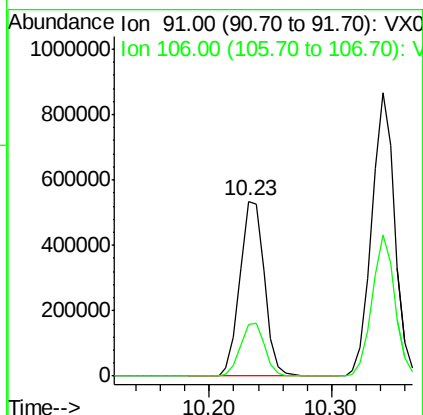
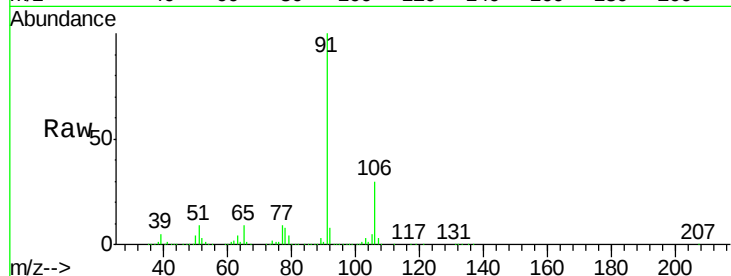
VSTDCCC050EC

Tot Ion: 91 Resp: 741104

Ion Ratio Lower Upper

91 100

106 29.8 24.0 36.0



#68

m/p-Xylenes

Concen: 106.936 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019509.D

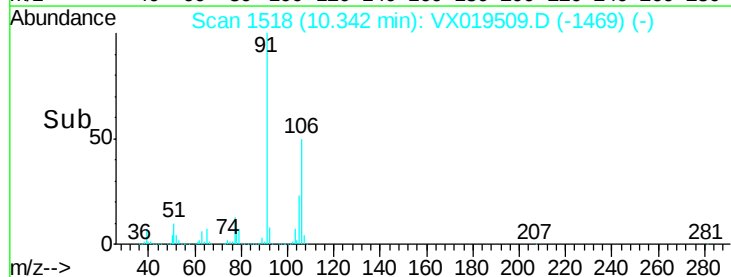
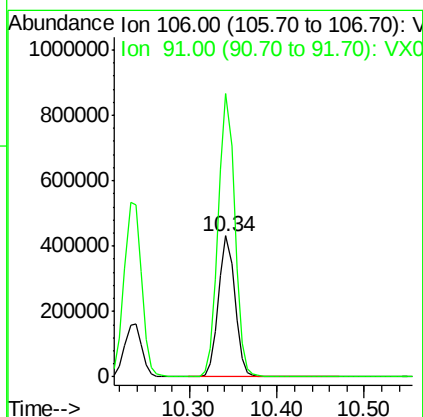
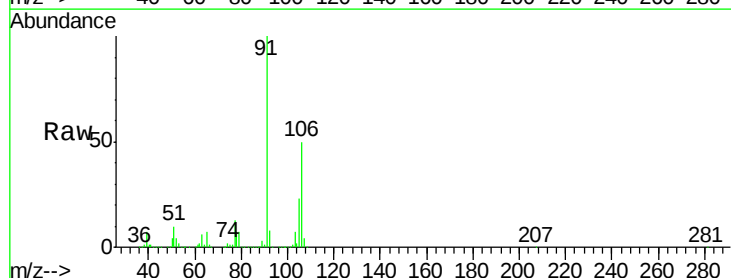
Acq: 20 Nov 2020 20:33

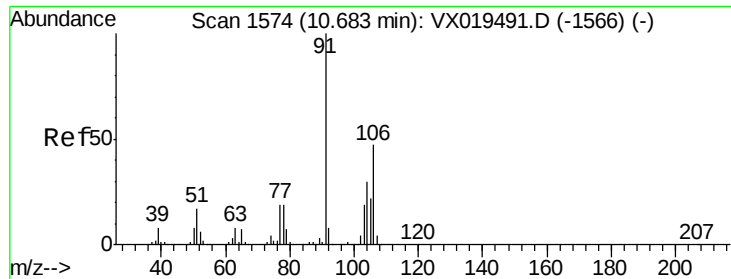
Tgt Ion: 106 Resp: 559463

Ion Ratio Lower Upper

106 100

91 201.9 163.3 244.9

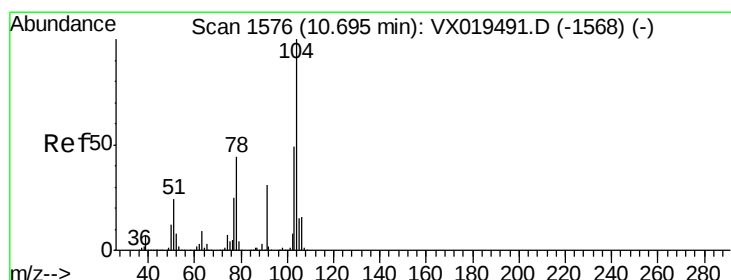
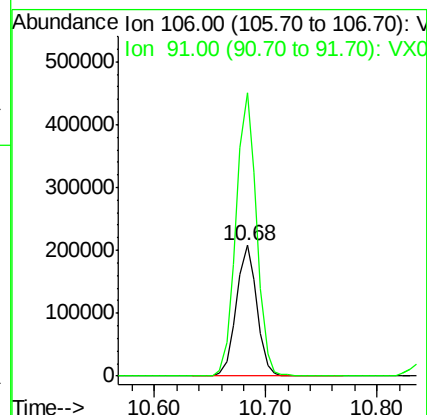
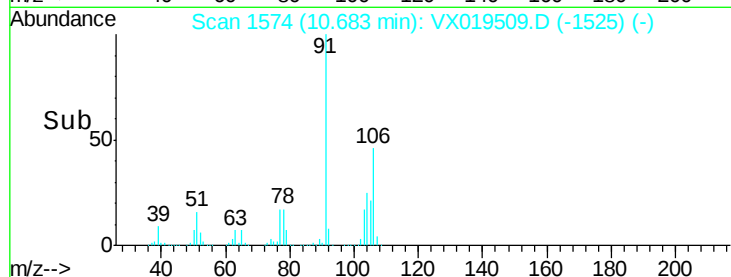
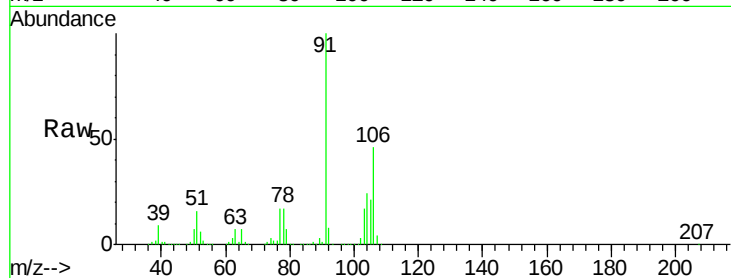




#69
o-Xylene
Concen: 52.976 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

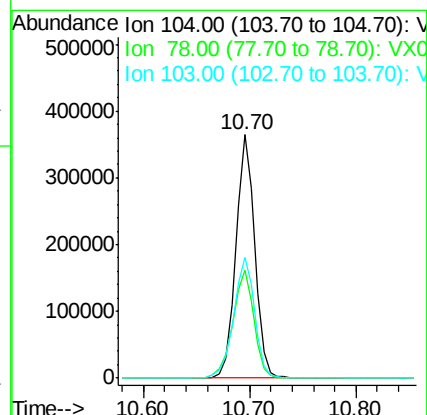
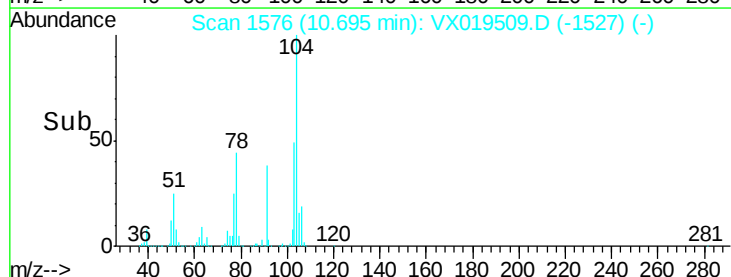
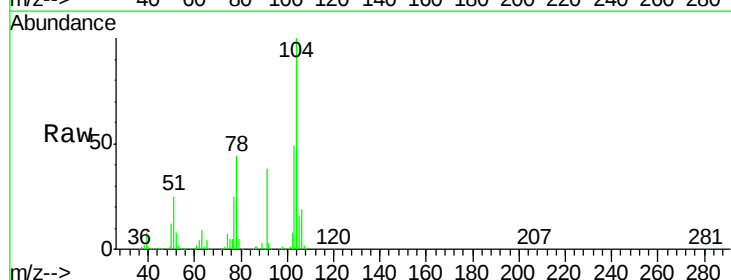
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

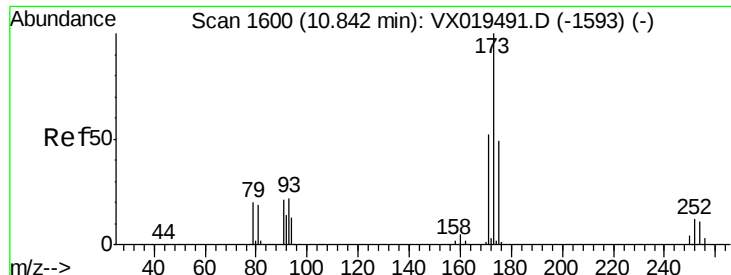
Tot Ion:106 Resp: 264942
Ion Ratio Lower Upper
106 100
91 216.8 108.0 324.0



#70
Styrene
Concen: 49.031 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019509.D
Acq: 20 Nov 2020 20:33

Tgt Ion:104 Resp: 453603
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 46.577 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

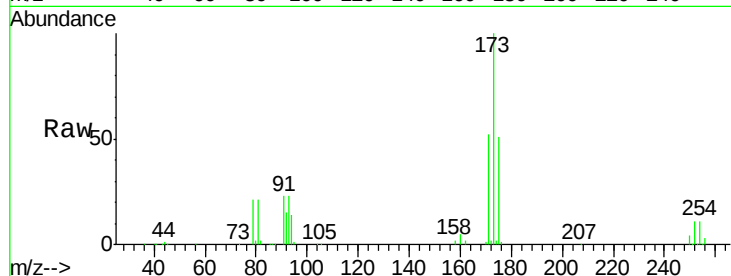
Tot Ion:173 Resp: 114386

Ion Ratio Lower Upper

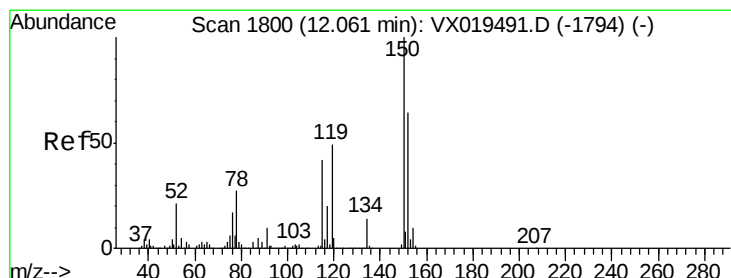
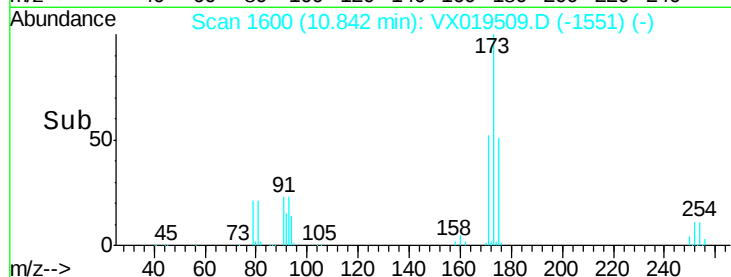
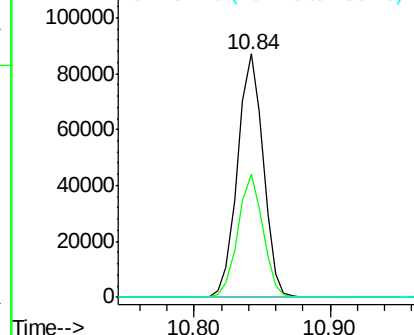
173 100

175 49.3 24.9 74.8

254 0.1 0.1 0.1



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

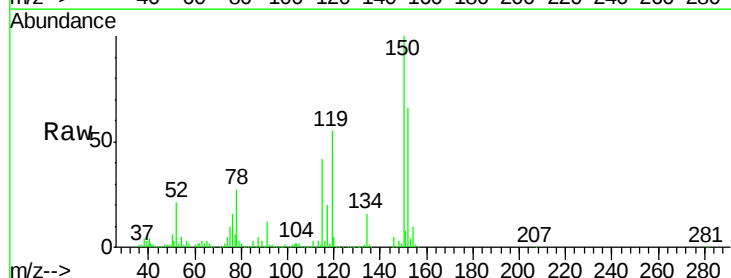
Tgt Ion:152 Resp: 196832

Ion Ratio Lower Upper

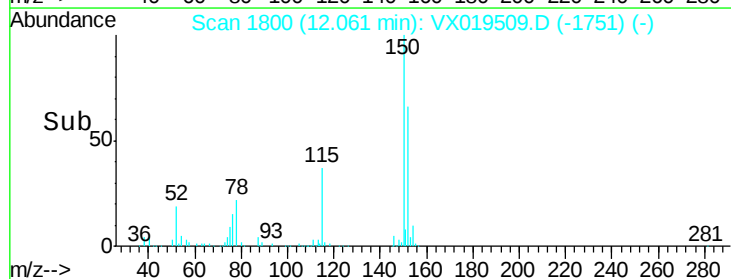
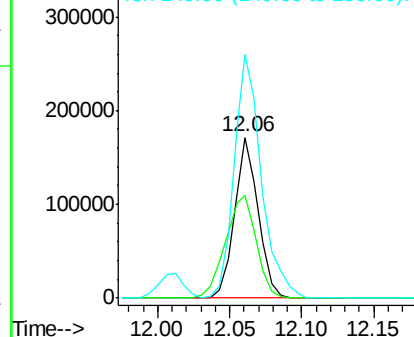
152 100

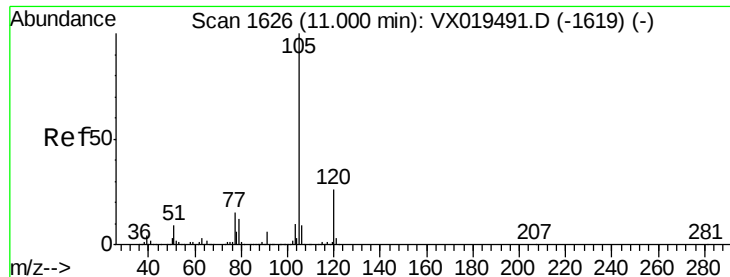
115 83.6 41.8 125.4

150 174.6 0.0 348.2



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: 51.950 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

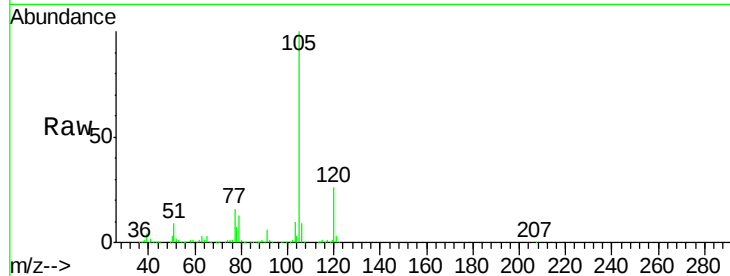
VSTDCCC050EC

Tot Ion:105 Resp: 707379

Ion Ratio Lower Upper

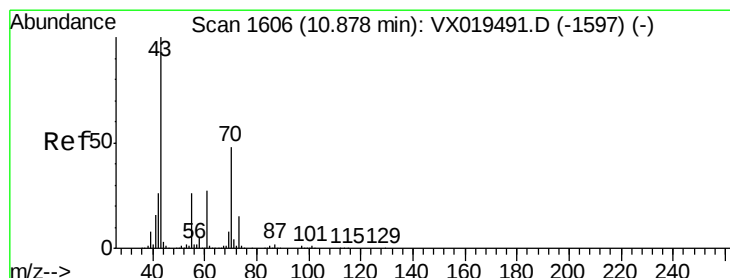
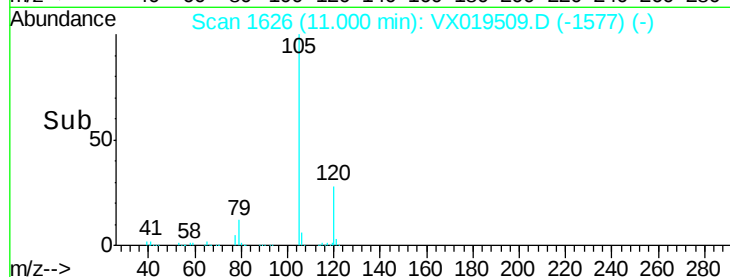
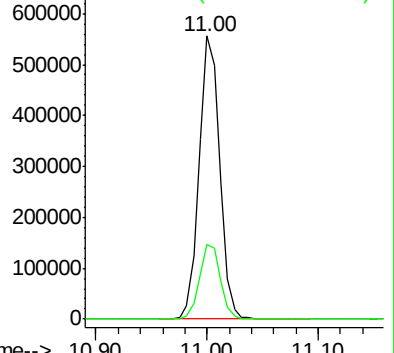
105 100

120 26.7 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.984 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Tgt Ion: 43 Resp: 280545

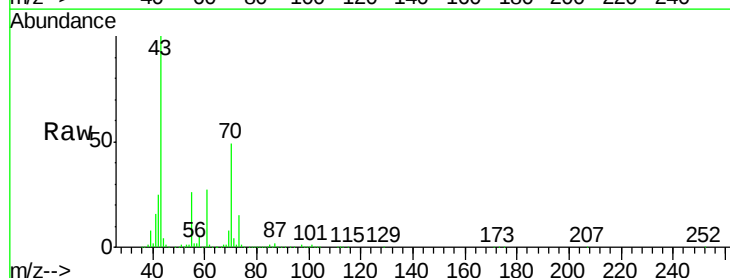
Ion Ratio Lower Upper

43 100

70 50.3 39.7 59.5

55 27.1 21.8 32.6

61 27.8 22.2 33.4

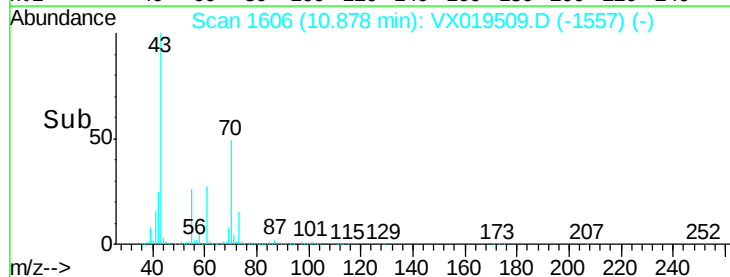
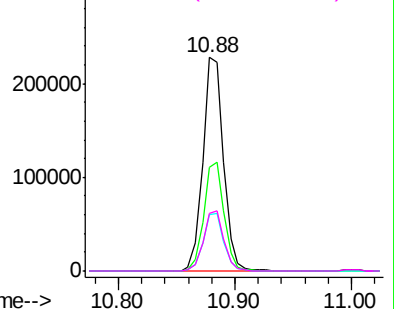


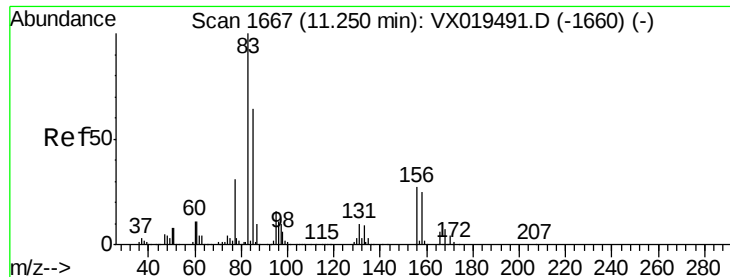
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.828 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

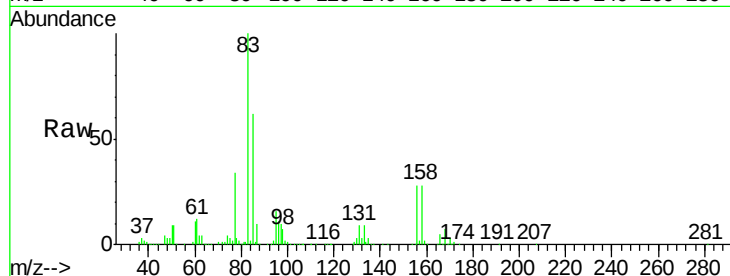
Tot Ion: 83 Resp: 252369

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

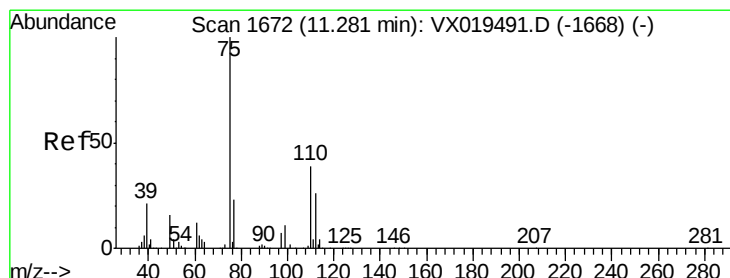
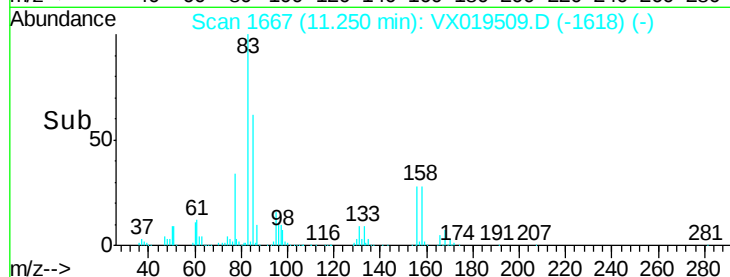
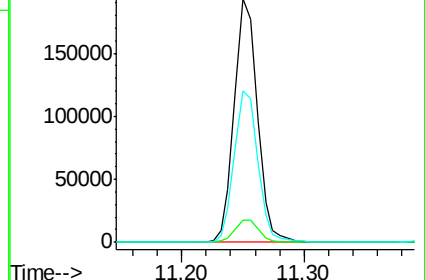
85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.989 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019509.D

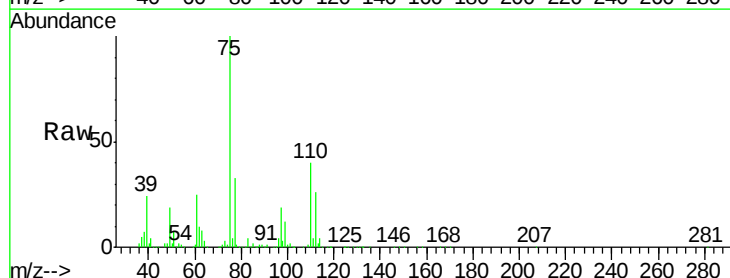
Acq: 20 Nov 2020 20:33

Tgt Ion: 75 Resp: 279164

Ion Ratio Lower Upper

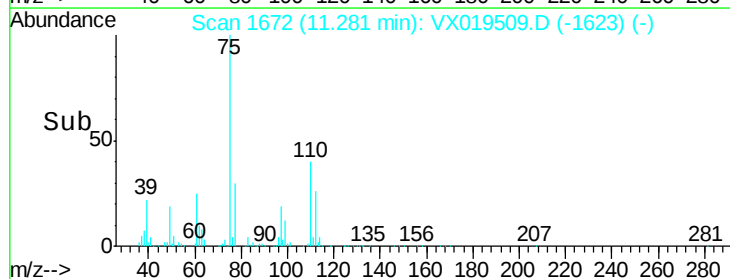
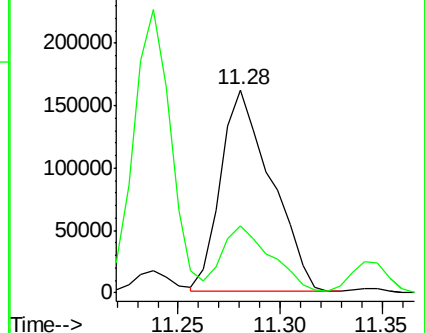
75 100

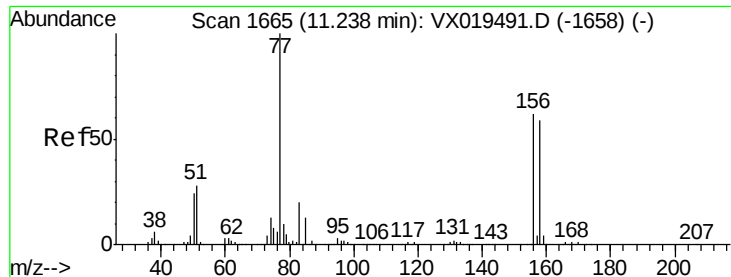
77 32.4 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.128 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

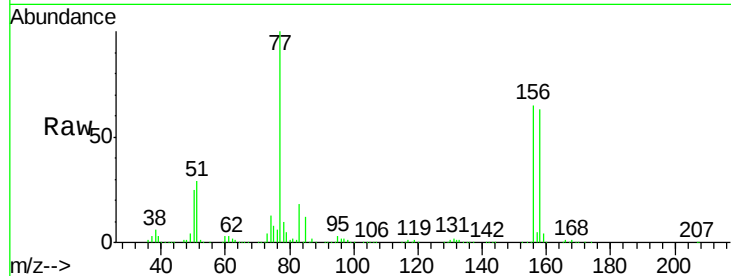
Tot Ion:156 Resp: 177722

Ion Ratio Lower Upper

156 100

77 161.9 82.5 247.3

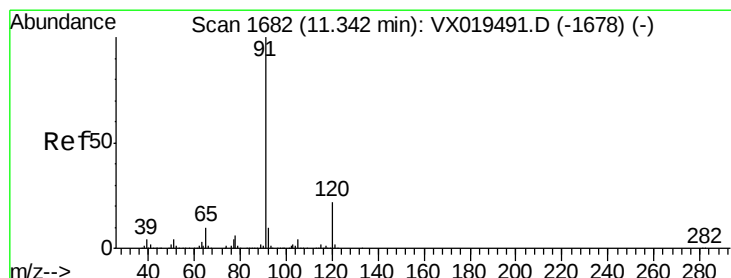
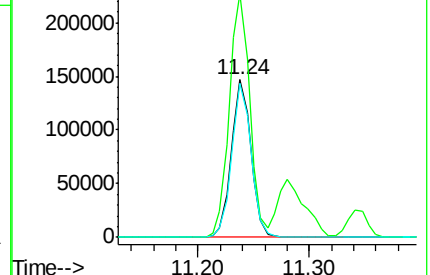
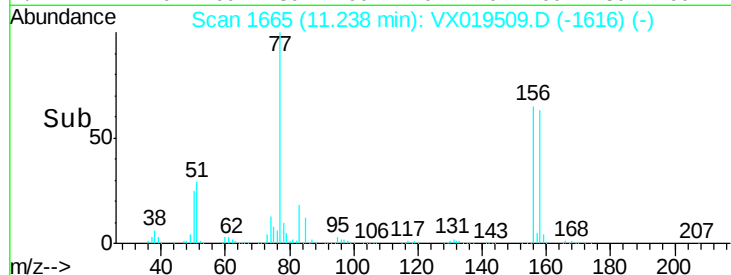
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.392 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019509.D

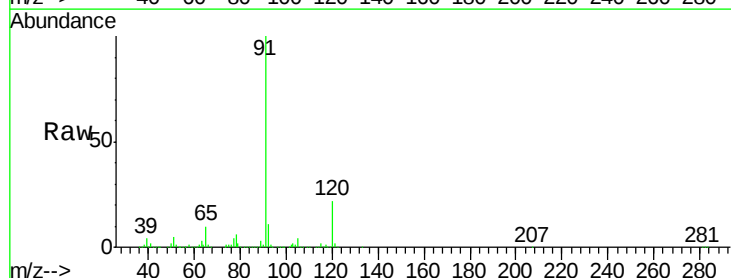
Acq: 20 Nov 2020 20:33

Tgt Ion: 91 Resp: 818398

Ion Ratio Lower Upper

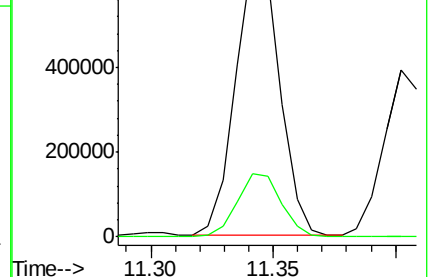
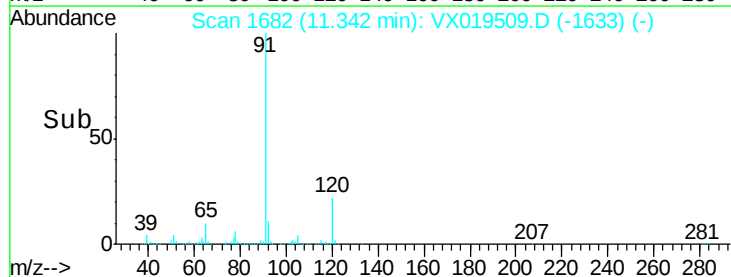
91 100

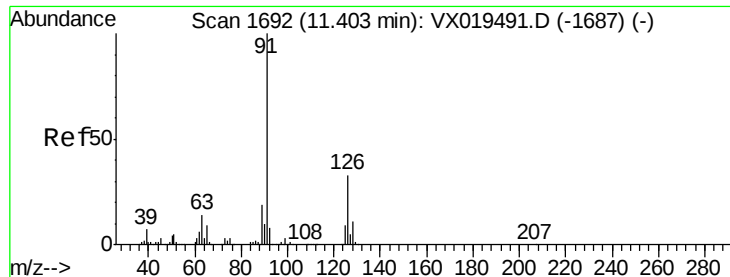
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.019 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

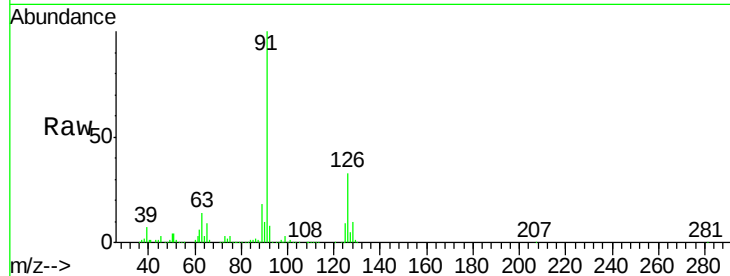
VSTDCCC050EC

Tot Ion: 91 Resp: 492794

Ion Ratio Lower Upper

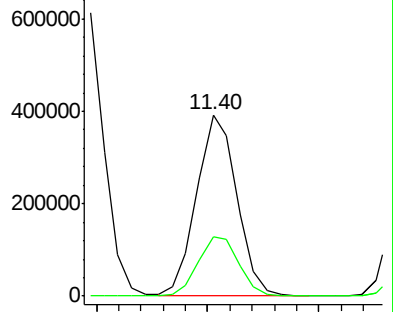
91 100

126 33.6 16.7 50.0

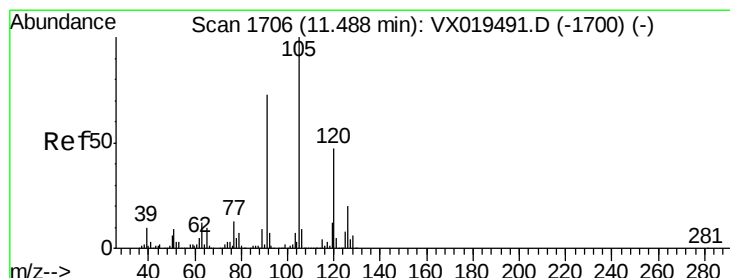
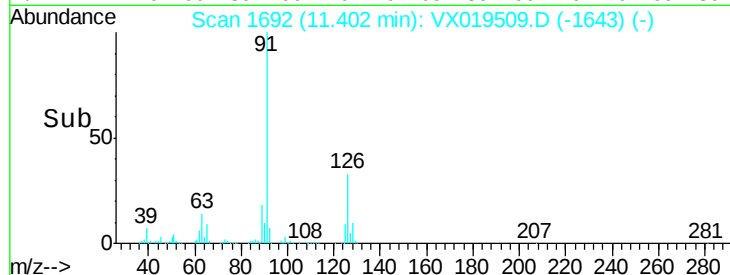


Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.452 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019509.D

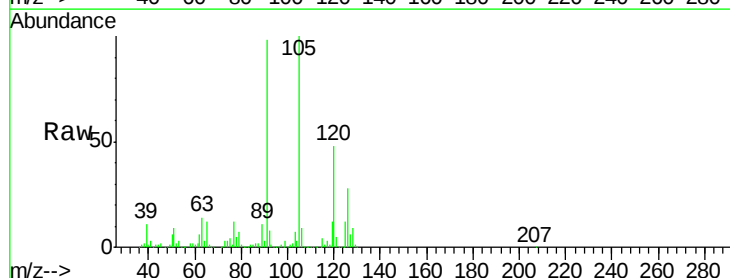
Acq: 20 Nov 2020 20:33

Tgt Ion: 105 Resp: 610550

Ion Ratio Lower Upper

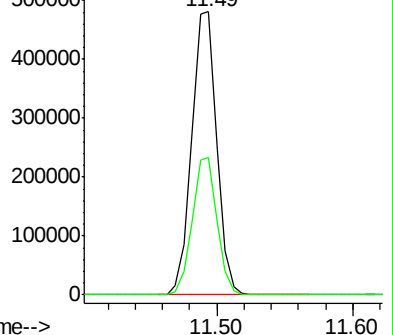
105 100

120 48.1 24.1 72.3

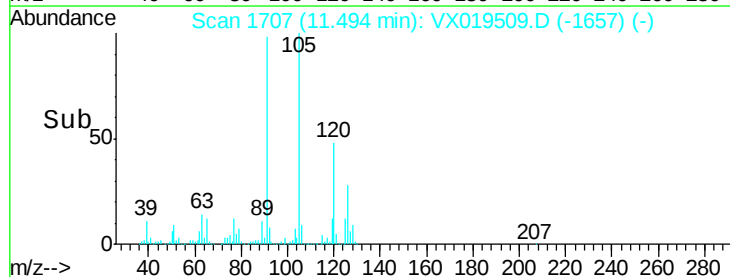


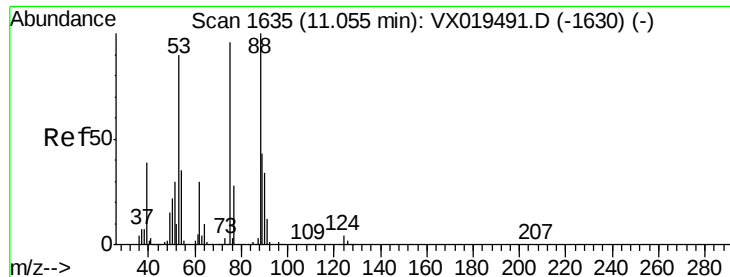
Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.181 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

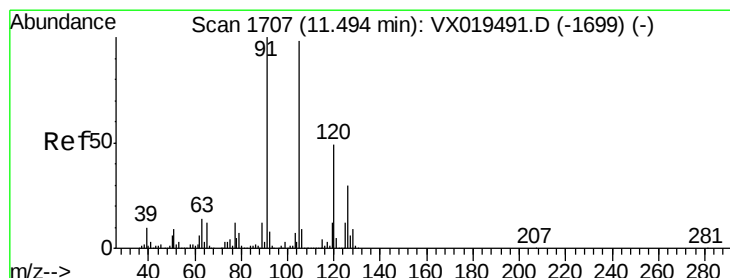
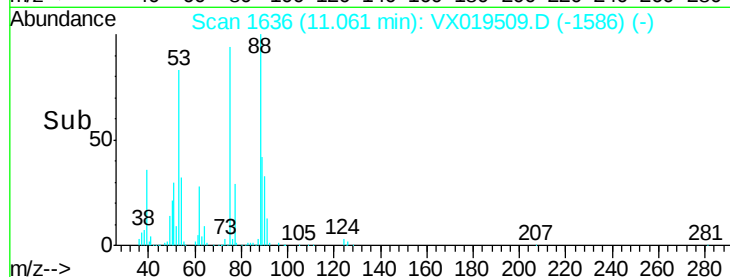
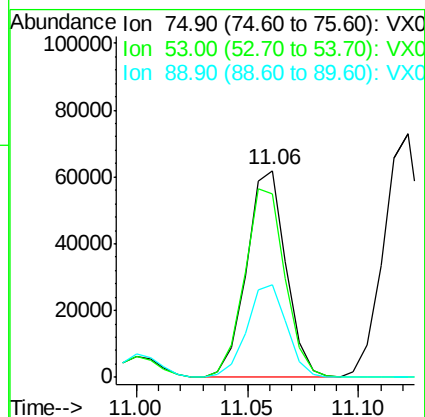
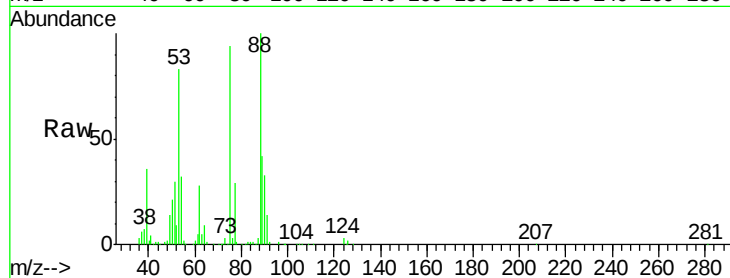
Tot Ion: 75 Resp: 76359

Ion Ratio Lower Upper

75 100

53 93.2 73.9 110.9

89 45.4 37.3 55.9



#82

4-Chlorotoluene

Concen: 51.548 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019509.D

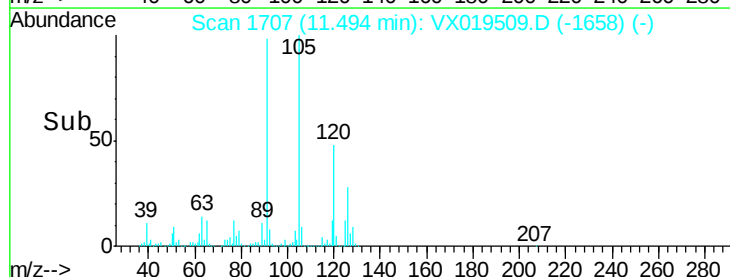
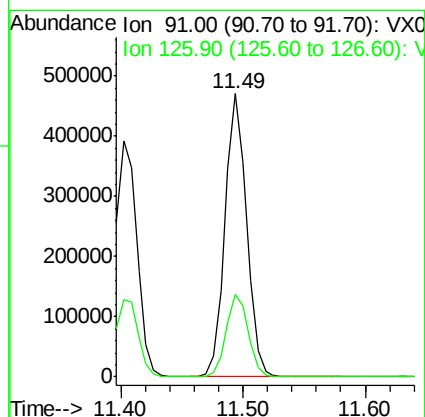
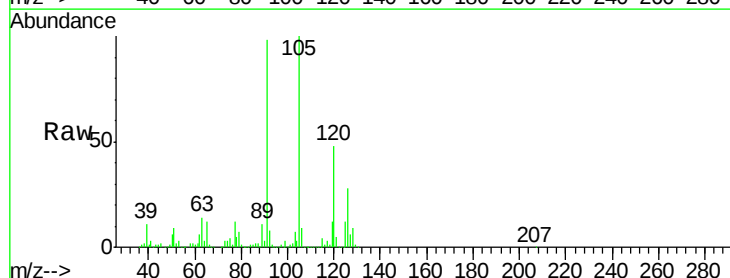
Acq: 20 Nov 2020 20:33

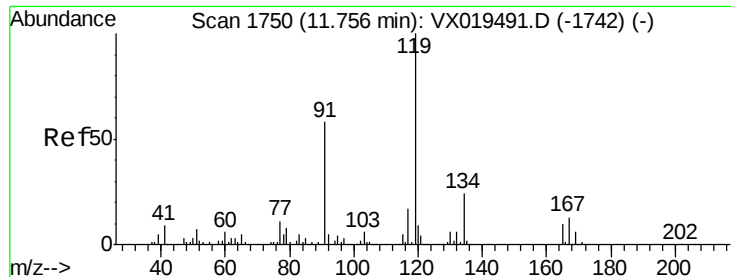
Tgt Ion: 91 Resp: 574869

Ion Ratio Lower Upper

91 100

126 29.6 14.9 44.7

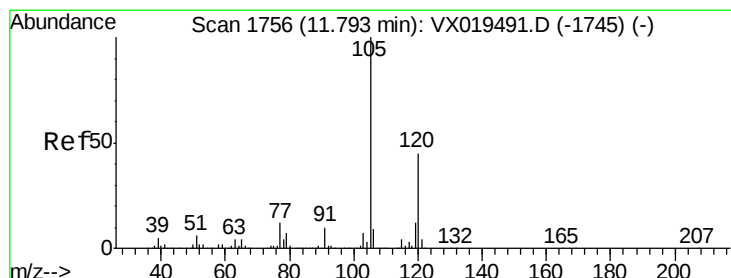
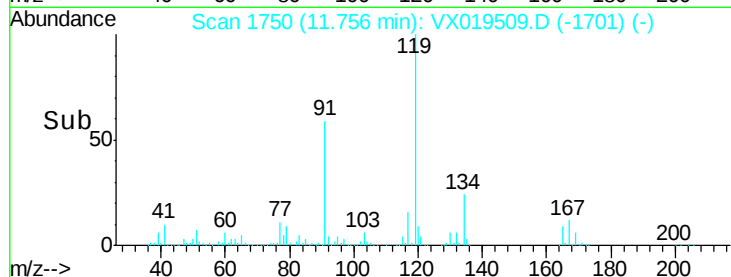
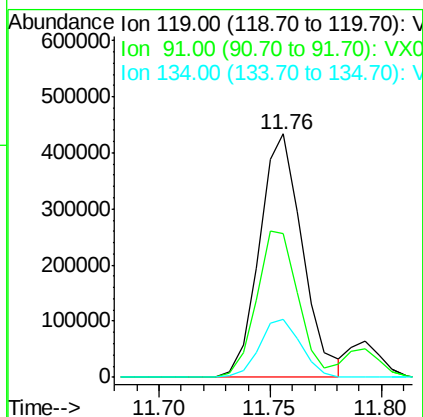
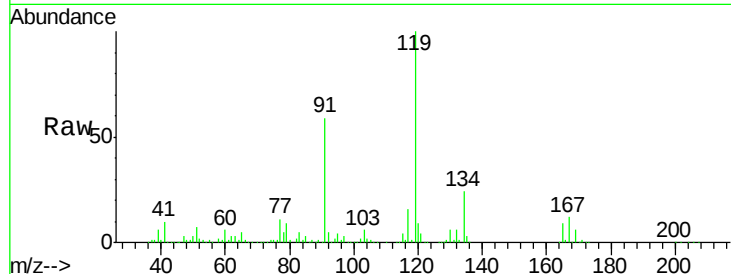




#83
 tert-Butylbenzene
 Concen: 52.564 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

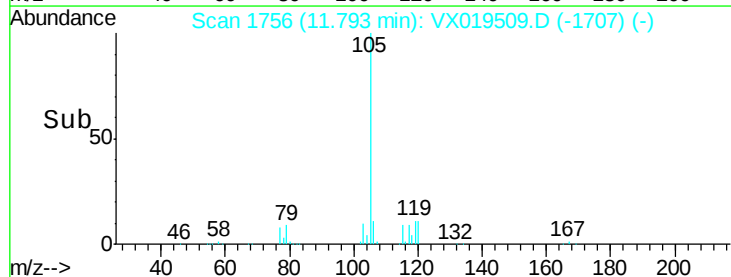
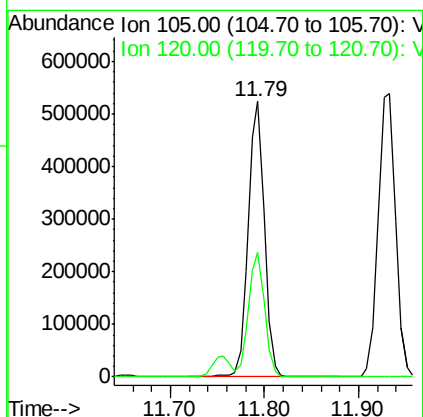
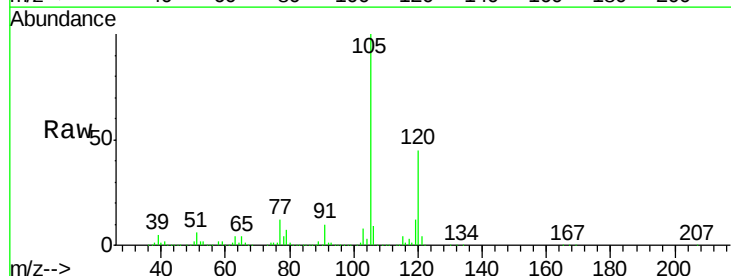
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

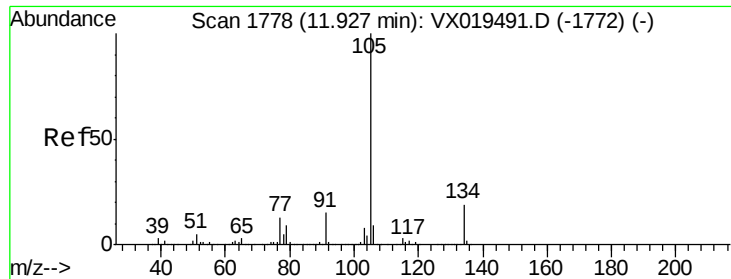
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.9	86.8
134	23.2	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.766 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6

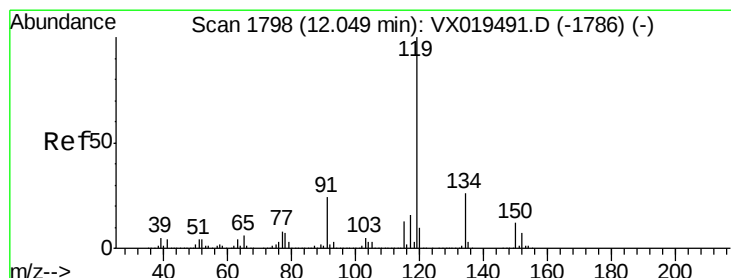
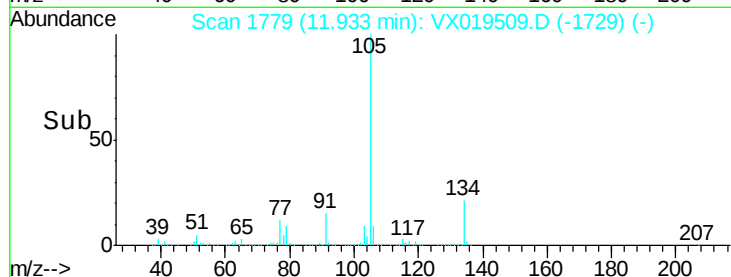
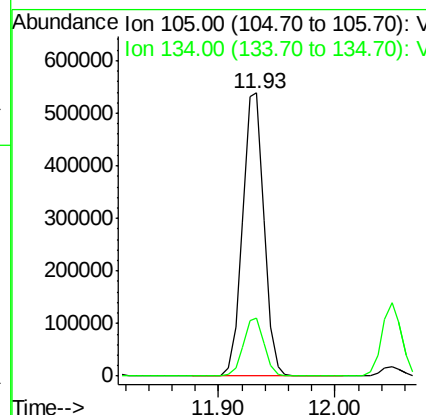
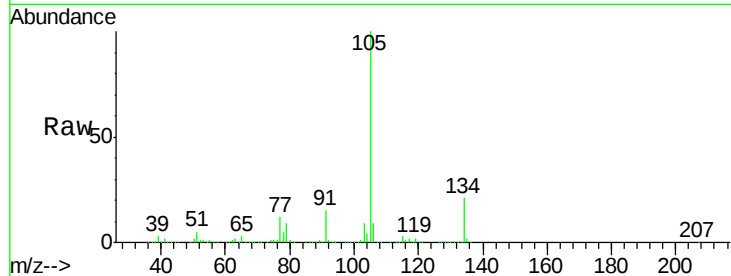




#85
 sec-Butylbenzene
 Concen: 52.339 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

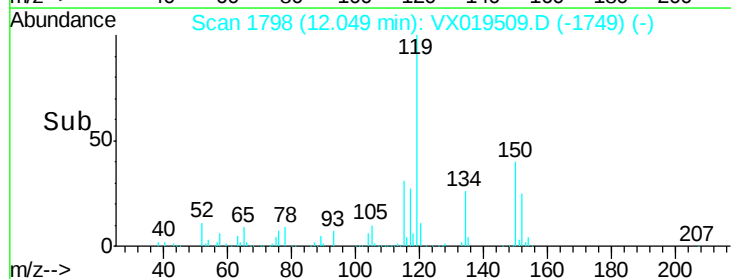
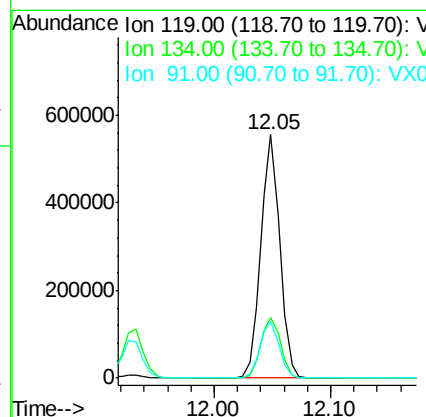
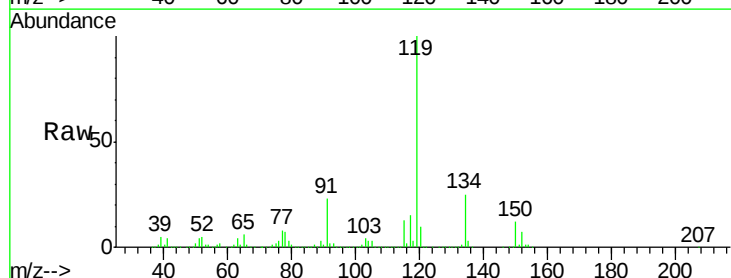
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

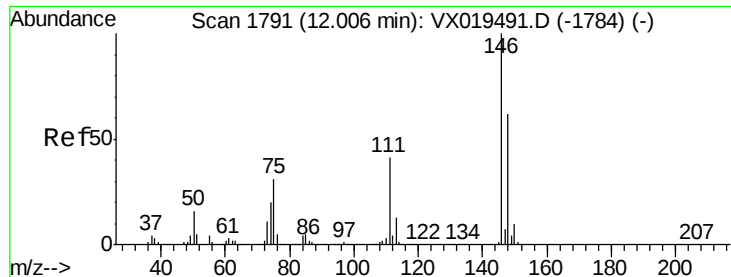
Tot Ion:105 Resp: 688083
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.108 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion:119 Resp: 633908
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.9 11.8 35.4

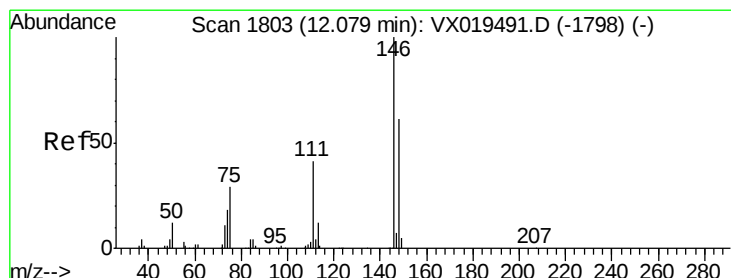
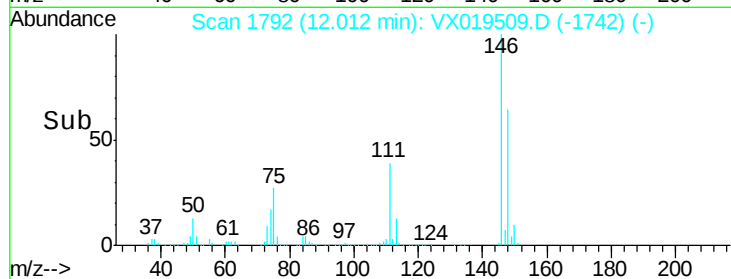
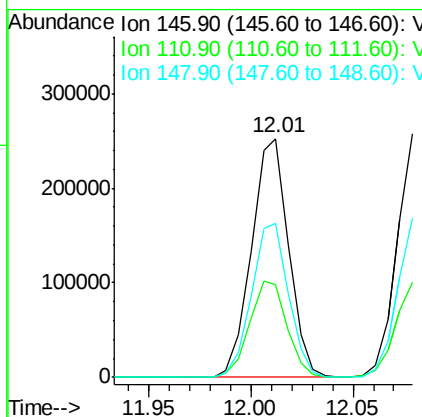
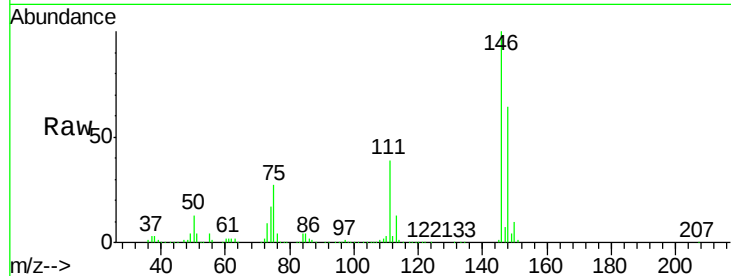




#87
 1,3-Dichlorobenzene
 Concen: 50.144 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

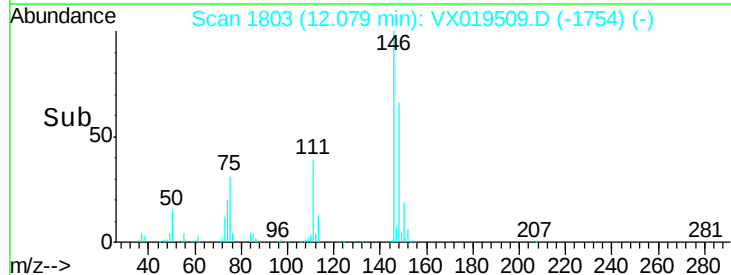
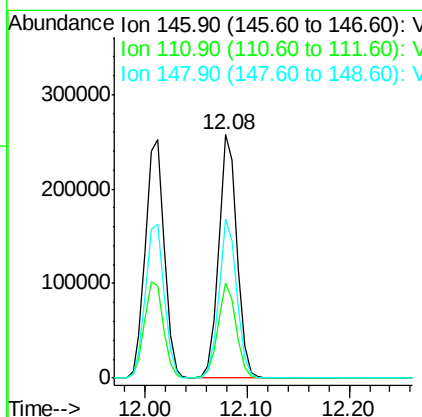
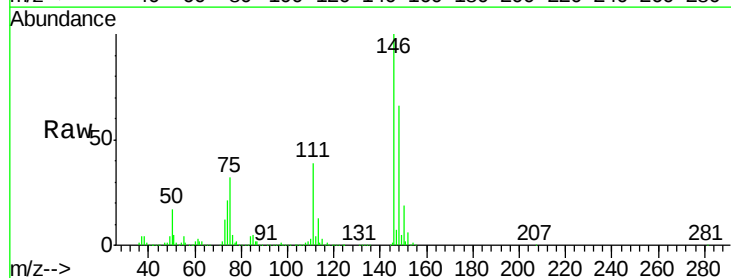
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

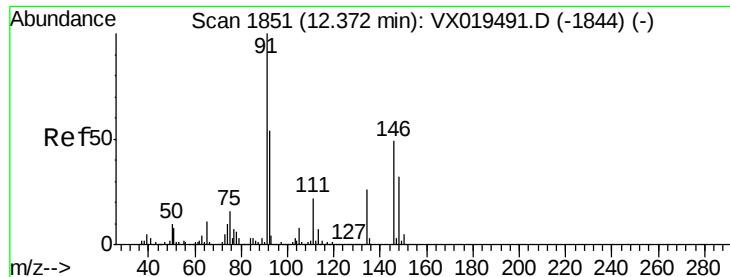
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	64.3	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.498 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.9	59.6
148	64.0	31.7	95.1





#89

n-Butylbenzene

Concen: 52.123 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

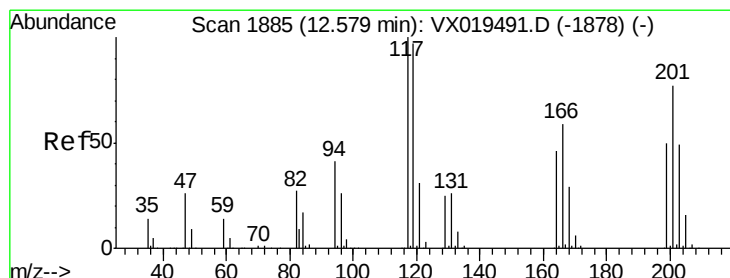
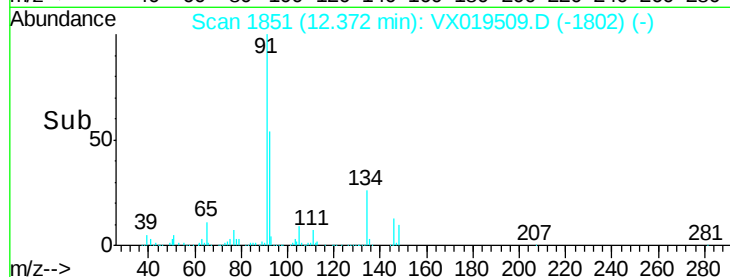
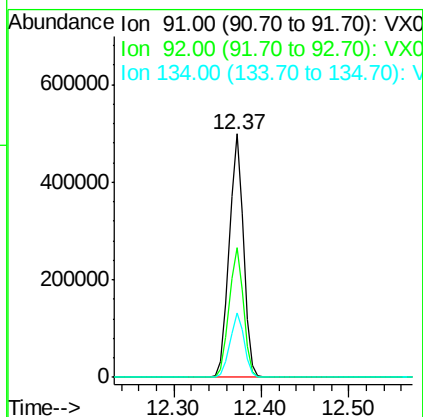
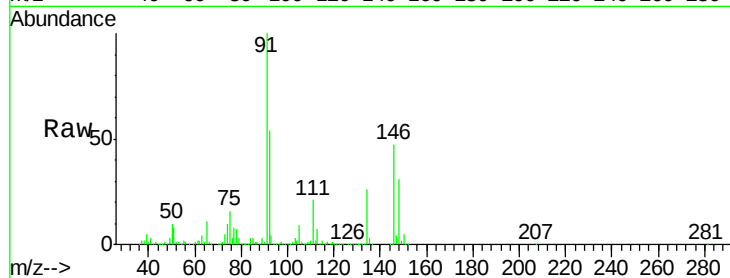
Tot Ion: 91 Resp: 562447

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.6

134 26.3 12.9 38.6



#90

Hexachloroethane

Concen: 52.952 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019509.D

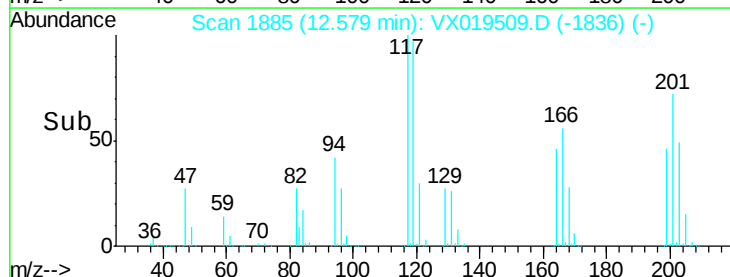
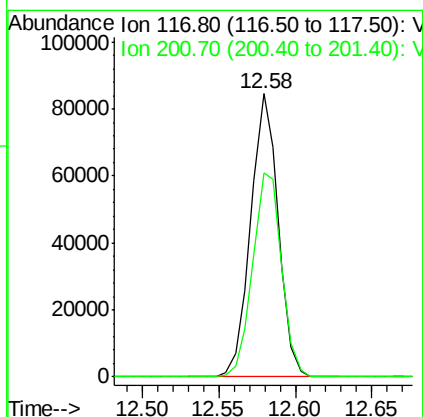
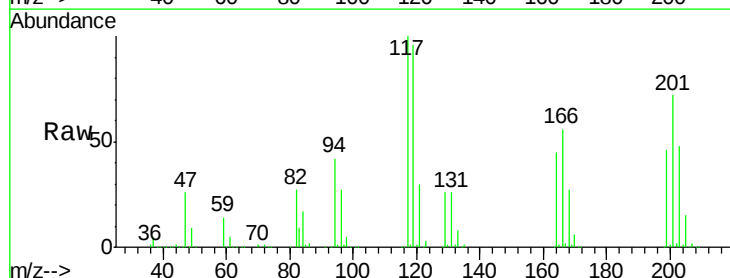
Acq: 20 Nov 2020 20:33

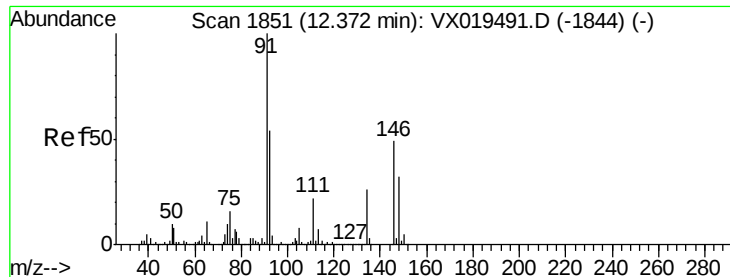
Tgt Ion: 117 Resp: 105761

Ion Ratio Lower Upper

117 100

201 75.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 49.708 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

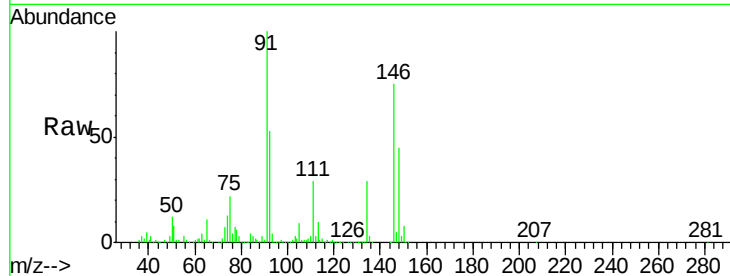
Tot Ion:146 Resp: 318708

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

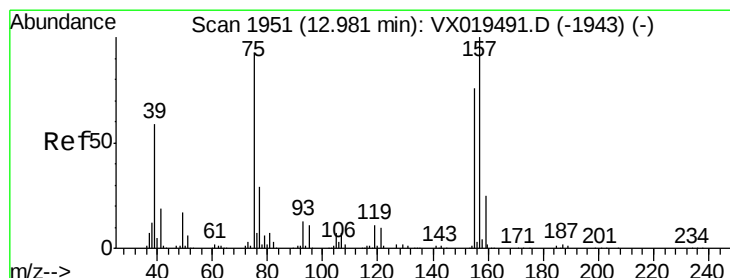
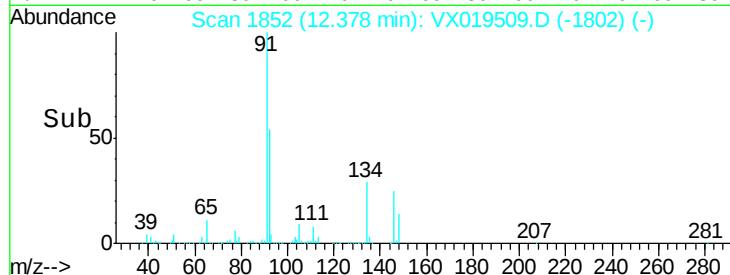
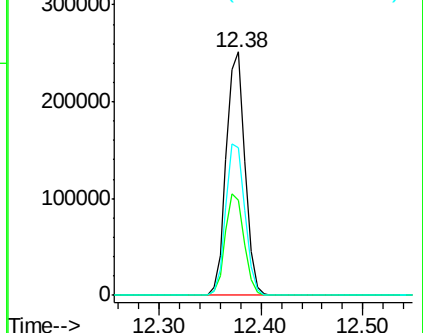
148 64.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.962 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

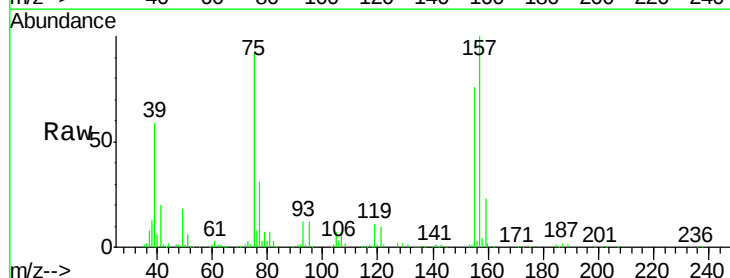
Tgt Ion: 75 Resp: 53606

Ion Ratio Lower Upper

75 100

155 86.3 43.6 130.9

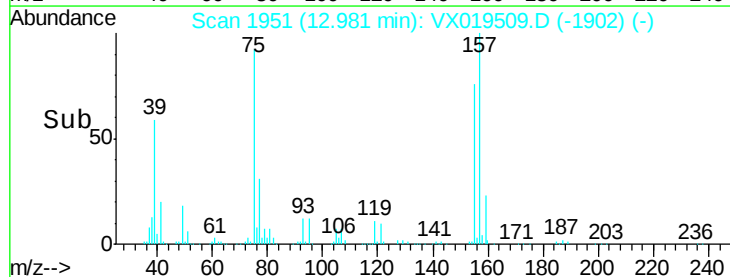
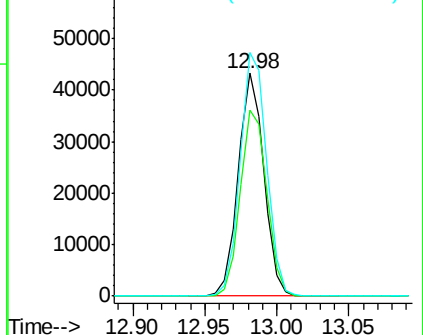
157 112.1 57.0 170.8

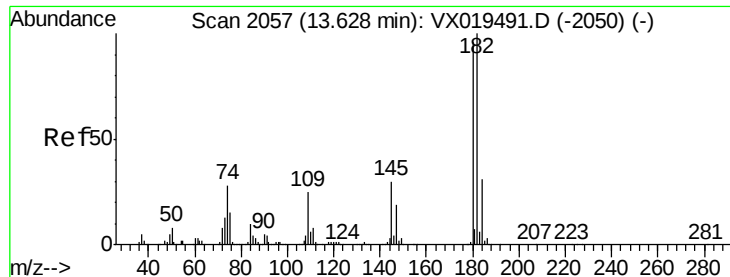


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

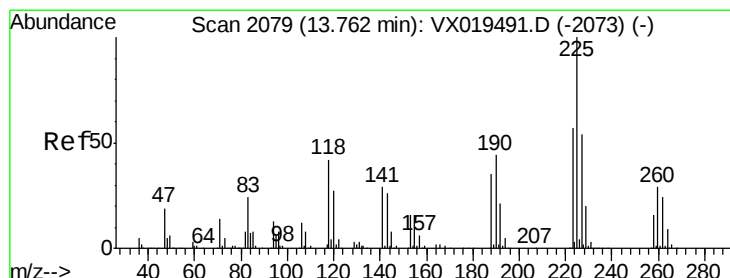
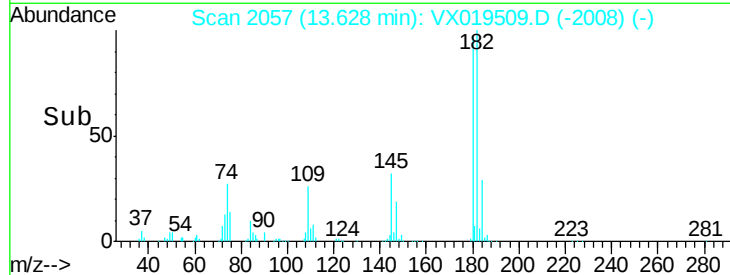
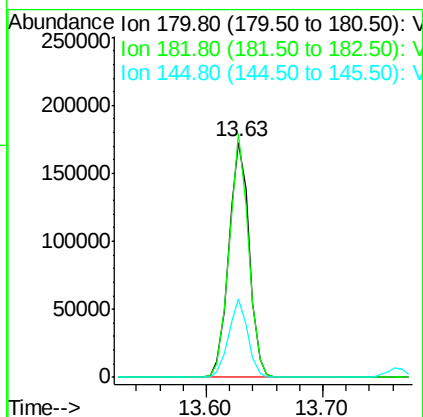
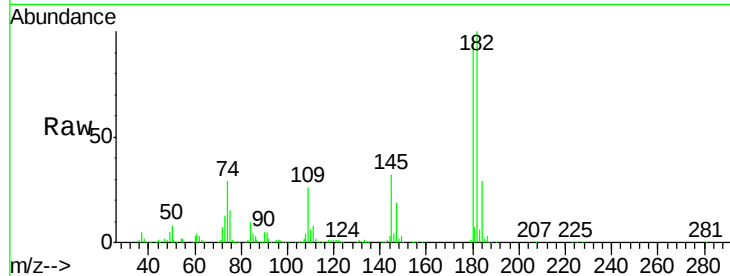




#93
 1,2,4-Trichlorobenzene
 Concen: 50.928 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

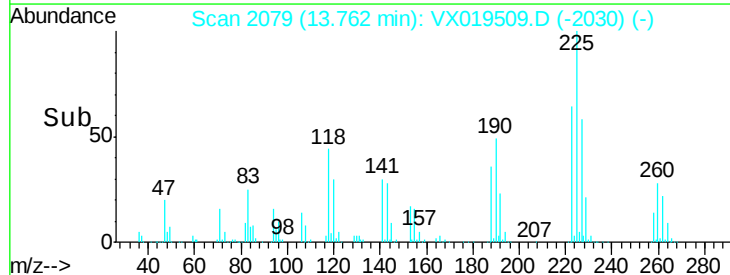
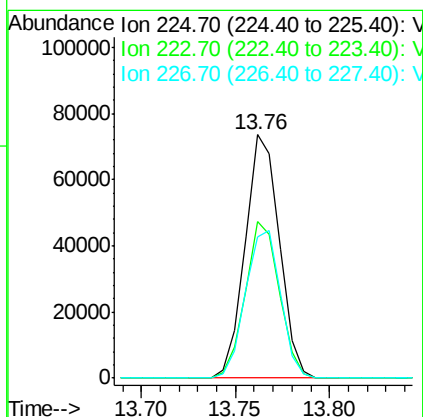
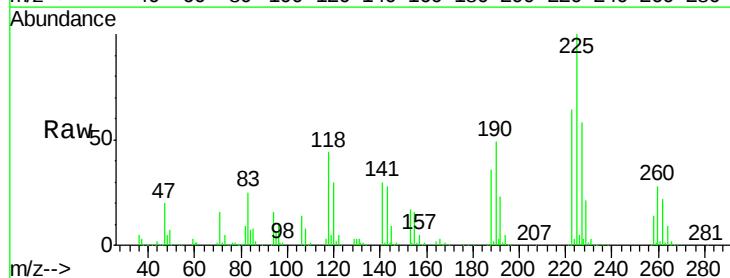
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

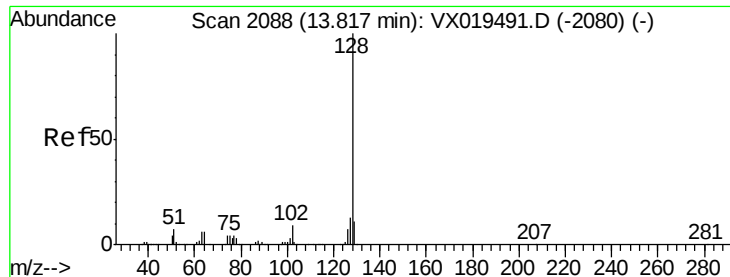
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.6	145.9
145	31.3	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 49.391 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019509.D
 Acq: 20 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.5	97.5
227	62.4	32.8	98.3





#95

Naphthalene

Concen: 50.304 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

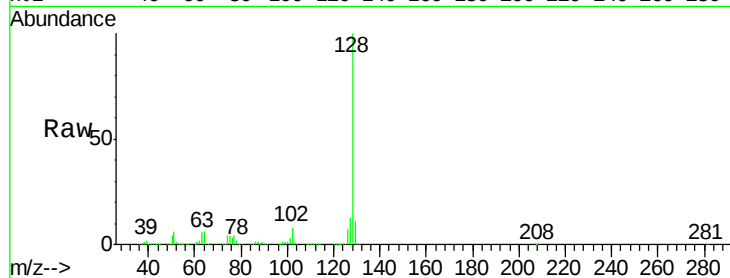
Tot Ion:128 Resp: 730531

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

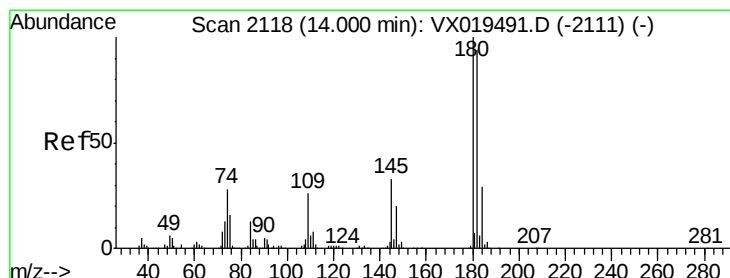
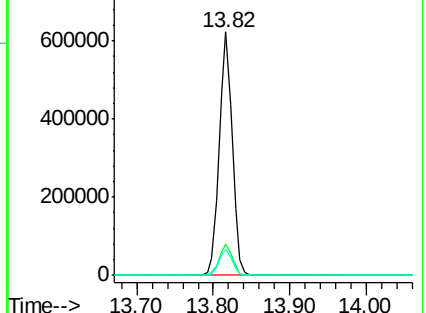
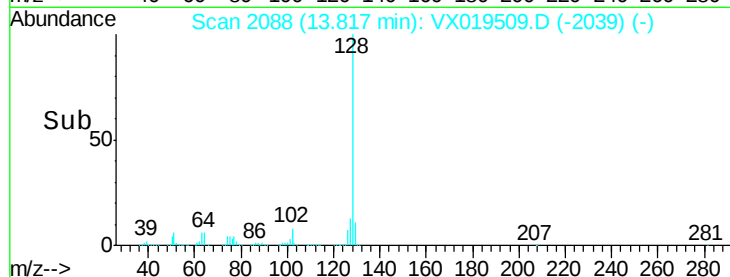
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.538 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019509.D

Acq: 20 Nov 2020 20:33

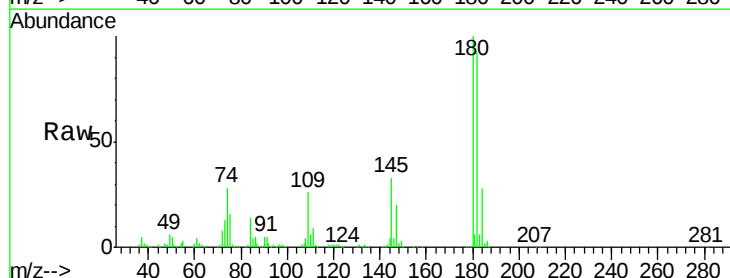
Tgt Ion:180 Resp: 216322

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.3

145 32.3 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

