

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019684.D
 Acq On : 30 Nov 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 02:43:14 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	5.63	168	253443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164852	50.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.34%
35) Dibromofluoromethane	5.46	113	135023	50.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.92%
50) Toluene-d8	8.70	98	499091	48.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.00%
62) 4-Bromofluorobenzene	11.12	95	190968	51.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	117743	47.773	ug/l 97
3) Chloromethane	1.31	50	127969	45.248	ug/l 99
4) Vinyl Chloride	1.39	62	147710	48.517	ug/l 99
5) Bromomethane	1.62	94	45363	39.338	ug/l 100
6) Chloroethane	1.68	64	34025	45.494	ug/l 98
7) Trichlorofluoromethane	1.90	101	209812	47.748	ug/l 98
8) Diethyl Ether	2.17	74	89546	50.883	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123994	50.579	ug/l 99
10) Methyl Iodide	2.48	142	172062	53.426	ug/l 100
11) Tert butyl alcohol	3.05	59	189713	305.055	ug/l 100
12) 1,1-Dichloroethene	2.34	96	124613	49.525	ug/l 99
13) Acrolein	2.28	56	94451	225.940	ug/l 100
14) Allyl chloride	2.70	41	203966	51.745	ug/l 98
15) Acrylonitrile	3.12	53	415873	283.553	ug/l 100
16) Acetone	2.43	43	336801	265.032	ug/l 98
17) Carbon Disulfide	2.54	76	303475	44.895	ug/l 99
18) Methyl Acetate	2.75	43	180397	57.796	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	476262	54.835	ug/l 100
20) Methylene Chloride	2.83	84	154004	48.486	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	144295	50.616	ug/l 97
22) Diisopropyl ether	3.83	45	430896	52.843	ug/l 93
23) Vinyl Acetate	3.79	43	1881940	275.149	ug/l 100
24) 1,1-Dichloroethane	3.67	63	263147	52.760	ug/l 98
25) 2-Butanone	4.64	43	534849	280.176	ug/l 100
26) 2,2-Dichloropropane	4.54	77	212024	48.702	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	172037	52.536	ug/l 99
28) Bromochloromethane	4.98	49	112126	47.021	ug/l 99
29) Tetrahydrofuran	5.09	42	339900	279.060	ug/l 100
30) Chloroform	5.17	83	271844	52.125	ug/l 98
31) Cyclohexane	5.54	56	210845	49.332	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	234225	52.283	ug/l 100
36) 1,1-Dichloropropene	5.76	75	192534	48.179	ug/l 99
37) Ethyl Acetate	4.80	43	205699	54.829	ug/l 100
38) Carbon Tetrachloride	5.75	117	195721	50.599	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220017	47.285	ug/l	98
40) Benzene	6.11	78	608423	49.552	ug/l	100
41) Methacrylonitrile	5.01	41	111221	53.761	ug/l	99
42) 1,2-Dichloroethane	6.16	62	213236	50.668	ug/l	100
43) Isopropyl Acetate	6.42	43	332932	52.792	ug/l	100
44) Trichloroethene	7.18	130	154418	48.013	ug/l	94
45) 1,2-Dichloropropane	7.49	63	154776	51.204	ug/l	99
46) Dibromomethane	7.63	93	105567	51.028	ug/l	99
47) Bromodichloromethane	7.88	83	208367	51.904	ug/l	97
48) Methyl methacrylate	7.75	41	162493	55.017	ug/l	99
49) 1,4-Dioxane	7.72	88	83158	1240.051	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1041261	283.143	ug/l	100
52) Toluene	8.76	92	372914	49.647	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226278	52.191	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	248168	51.579	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155652	50.882	ug/l	98
56) Ethyl methacrylate	9.16	69	242142	55.940	ug/l	99
57) 1,3-Dichloropropane	9.35	76	263962	51.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629713	248.272	ug/l	99
59) 2-Hexanone	9.48	43	795514	285.222	ug/l	99
60) Dibromochloromethane	9.57	129	160023	53.406	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162275	51.463	ug/l	99
64) Tetrachloroethene	9.32	164	126424	41.556	ug/l	96
65) Chlorobenzene	10.12	112	390860	49.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147293	50.888	ug/l	99
67) Ethyl Benzene	10.24	91	701512	50.323	ug/l	98
68) m/p-Xylenes	10.34	106	532001	102.433	ug/l	98
69) o-Xylene	10.68	106	261341	52.639	ug/l	98
70) Styrene	10.70	104	444817	48.454	ug/l	100
71) Bromoform	10.84	173	118143	48.314	ug/l #	99
73) Isopropylbenzene	11.00	105	691778	50.936	ug/l	99
74) N-amyl acetate	10.88	43	287636	56.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	257071	52.931	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	287259	67.047	ug/l	87
77) Bromobenzene	11.24	156	176271	50.842	ug/l	97
78) n-propylbenzene	11.34	91	776620	49.847	ug/l	100
79) 2-Chlorotoluene	11.40	91	474029	50.168	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	589088	51.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80013	50.403	ug/l	100
82) 4-Chlorotoluene	11.49	91	563964	50.702	ug/l	100
83) tert-Butylbenzene	11.76	119	569948	51.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596482	51.744	ug/l	99
85) sec-Butylbenzene	11.93	105	663431	50.595	ug/l	99
86) p-Isopropyltoluene	12.05	119	600693	50.456	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	317839	49.918	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	321805	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	522002	48.500	ug/l	99
90) Hexachloroethane	12.58	117	102649	51.527	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	316635	49.513	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56387	56.909	ug/l	98

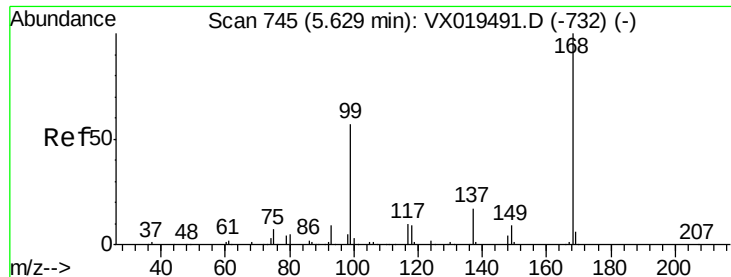
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205802	50.126	ug/l	96
94) Hexachlorobutadiene	13.77	225	82781	44.260	ug/l	96
95) Naphthalene	13.82	128	718293	49.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201572	49.083	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

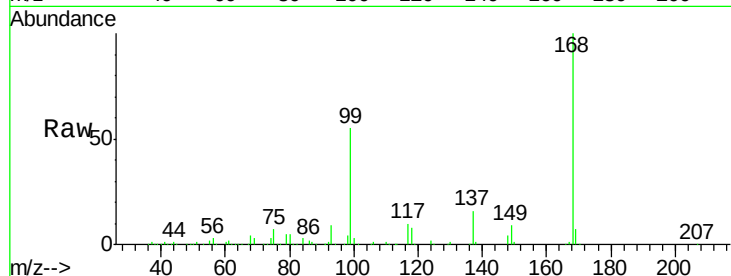
VSTDCCC050EC

Tot Ion:168 Resp: 253443

Ion Ratio Lower Upper

168 100

99 54.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

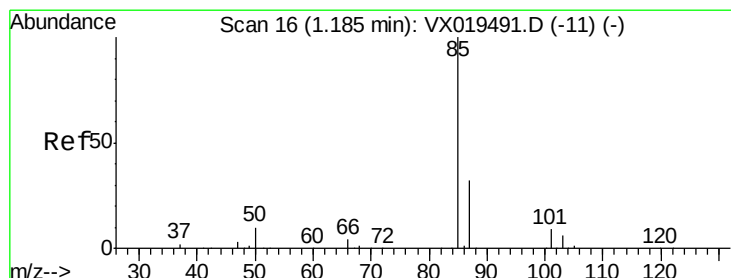
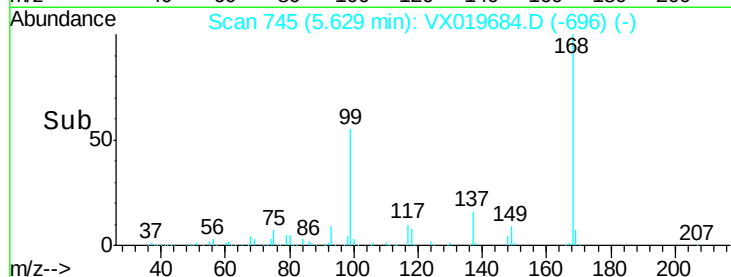
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.773 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019684.D

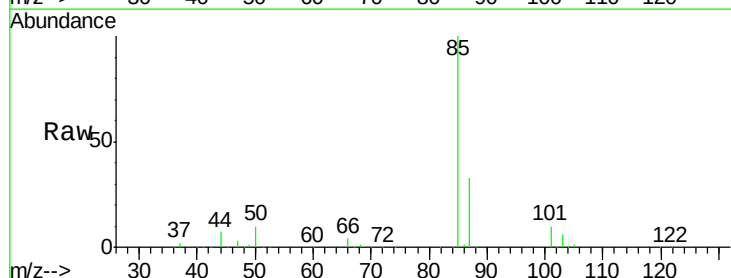
Acq: 30 Nov 2020 16:44

Tgt Ion: 85 Resp: 117743

Ion Ratio Lower Upper

85 100

87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

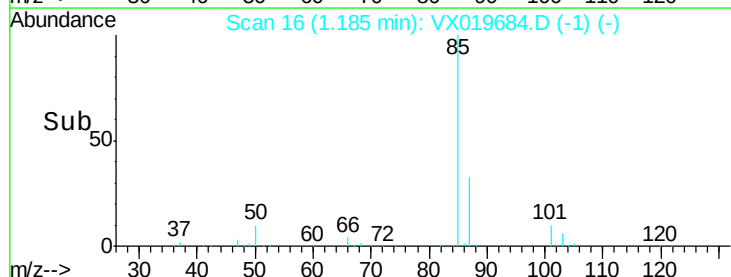
1.18

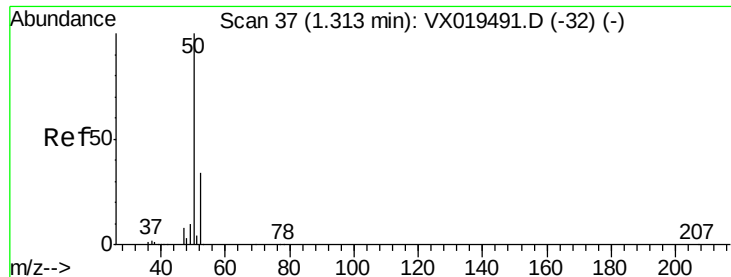
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.248 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

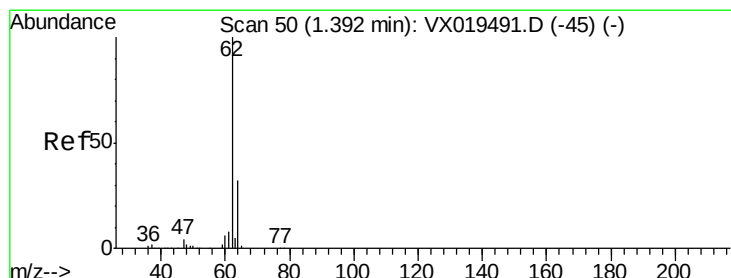
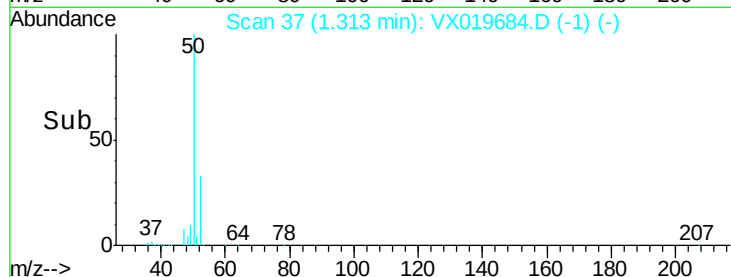
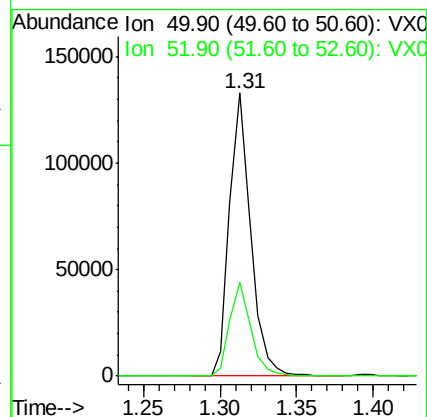
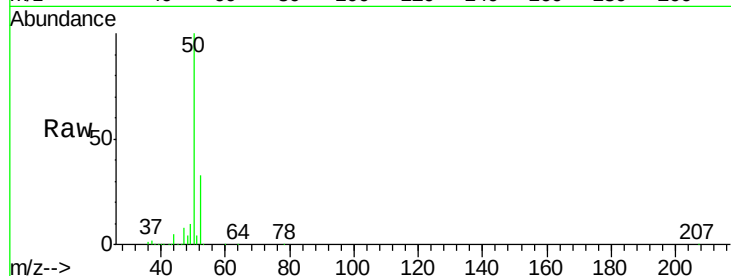
VSTDCCC050EC

Tot Ion: 50 Resp: 127969

Ion Ratio Lower Upper

50 100

52 33.3 27.0 40.6



#4

Vinyl Chloride

Concen: 48.517 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019684.D

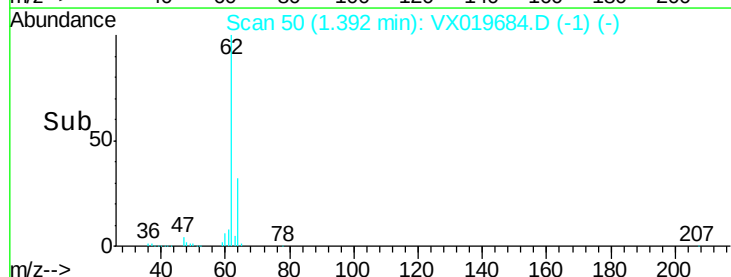
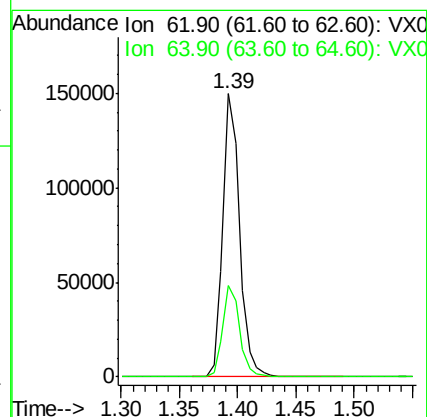
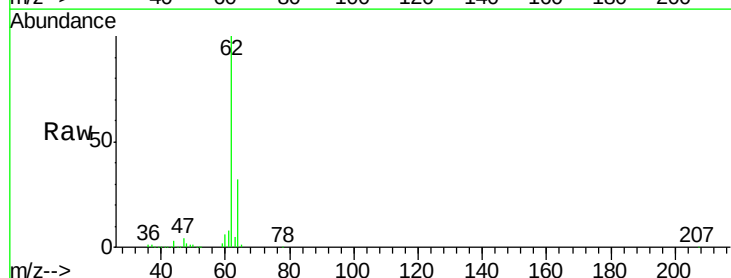
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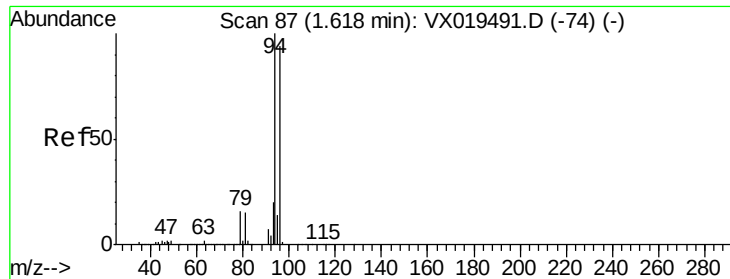
Tgt Ion: 62 Resp: 147710

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 39.338 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

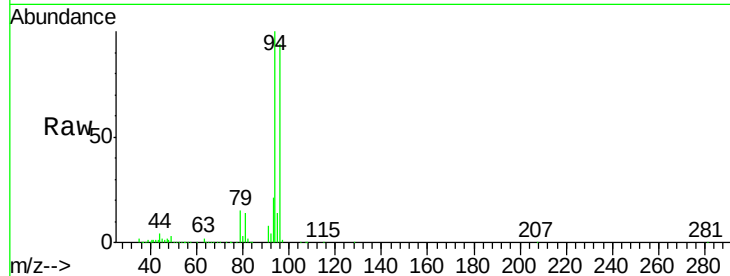
VSTDCCC050EC

Tot Ion: 94 Resp: 45363

Ion Ratio Lower Upper

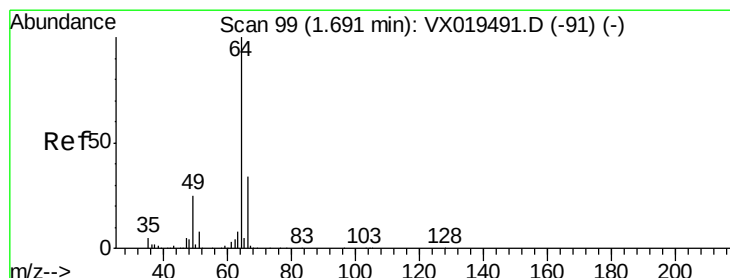
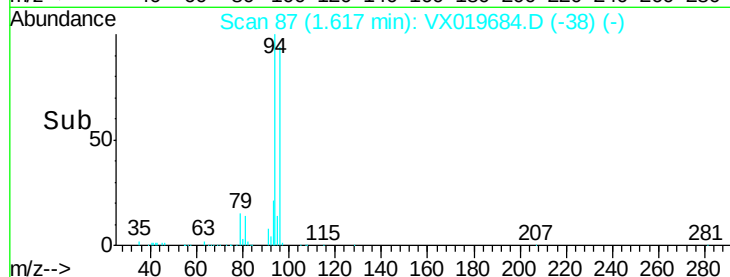
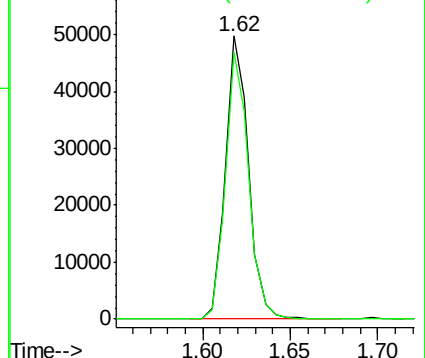
94 100

96 94.4 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: 45.494 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019684.D

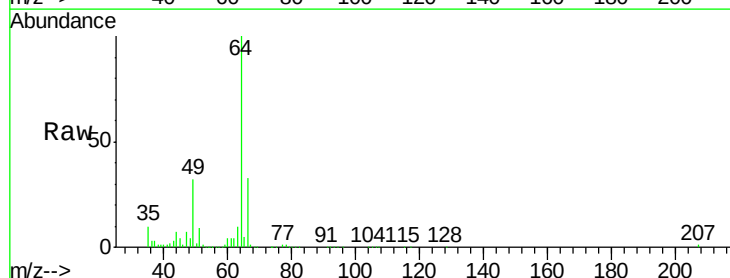
Acq: 30 Nov 2020 16:44

Tgt Ion: 64 Resp: 34025

Ion Ratio Lower Upper

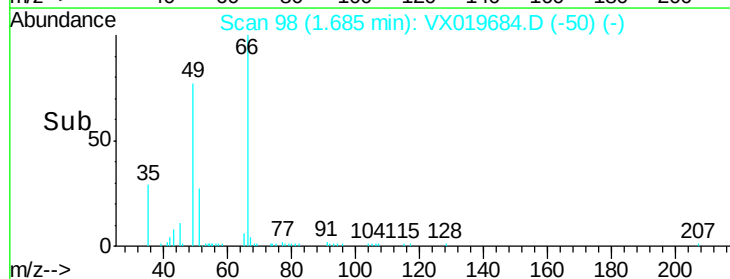
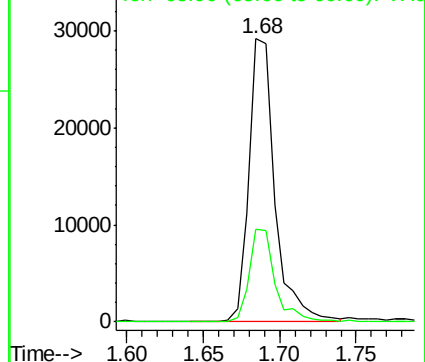
64 100

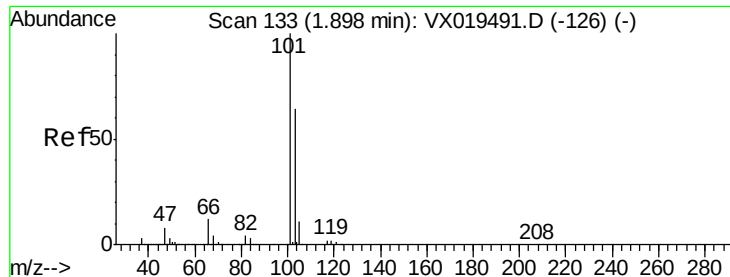
66 32.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



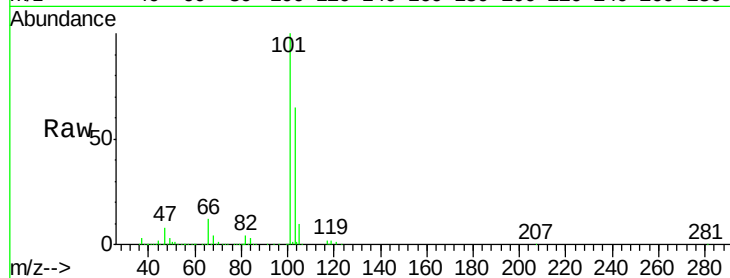


#7

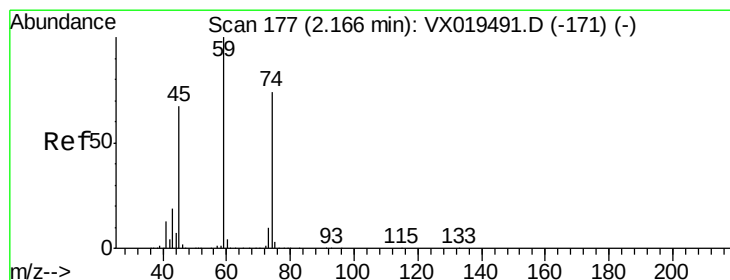
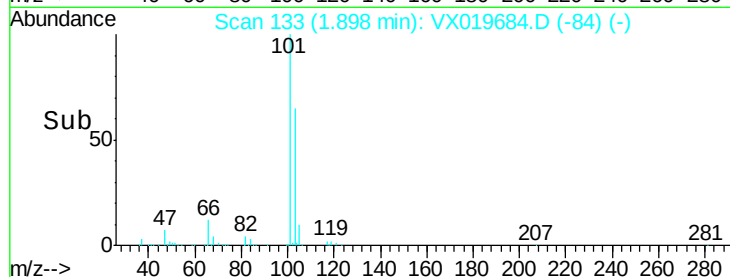
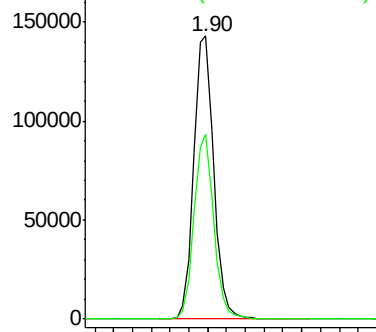
Trichlorofluoromethane
Concen: 47.748 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019684.D
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Tot Ion:101 Resp: 209812
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3



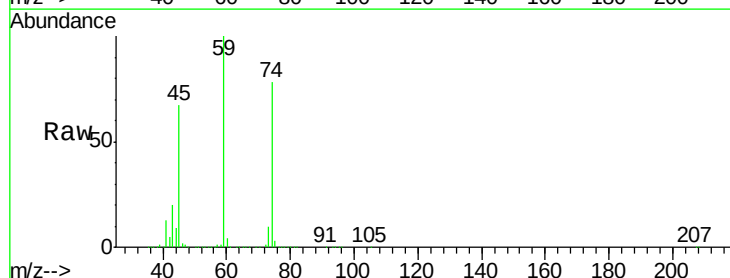
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



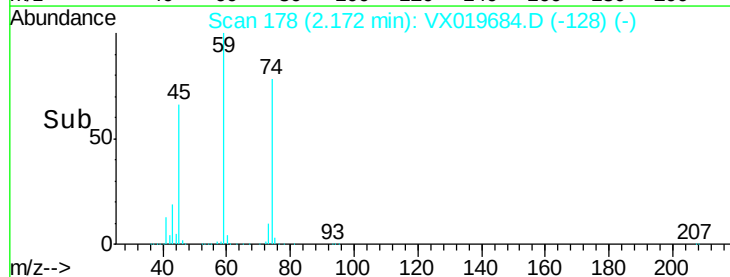
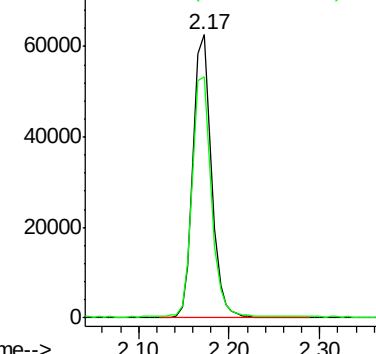
#8

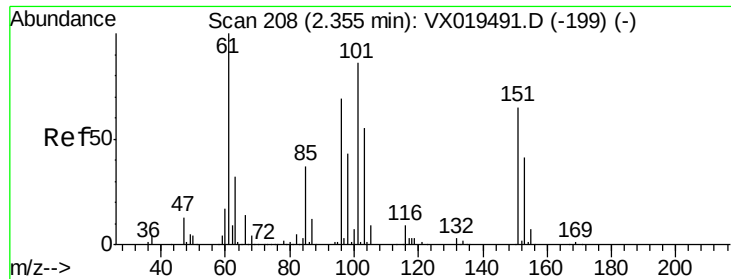
Diethyl Ether
Concen: 50.883 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 74 Resp: 89546
Ion Ratio Lower Upper
74 100
45 88.4 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: 50.579 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

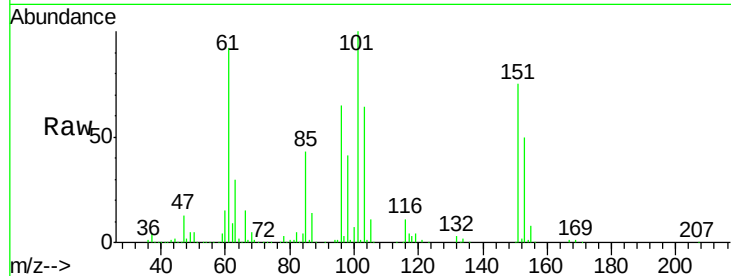
Tot Ion:101 Resp: 123994

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

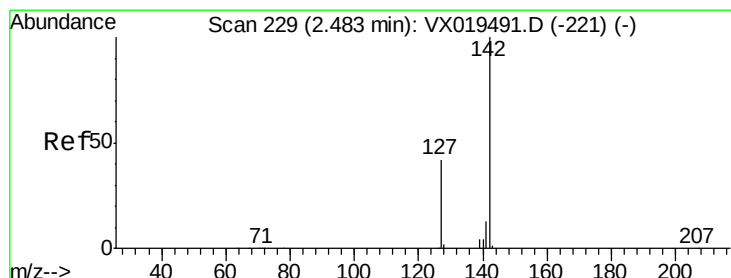
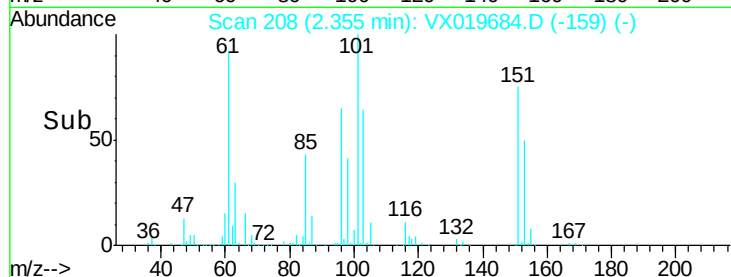
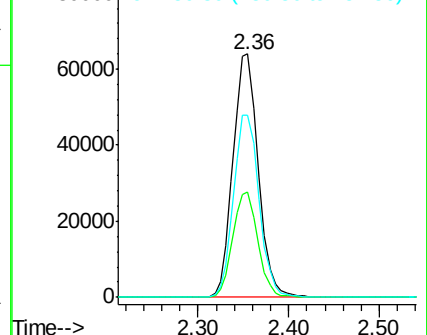
151 76.0 60.9 91.3



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: 53.426 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

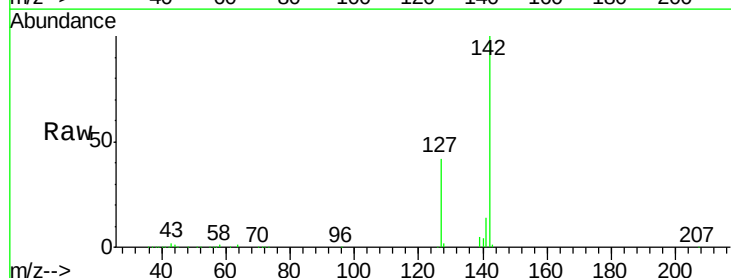
Tgt Ion:142 Resp: 172062

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.6

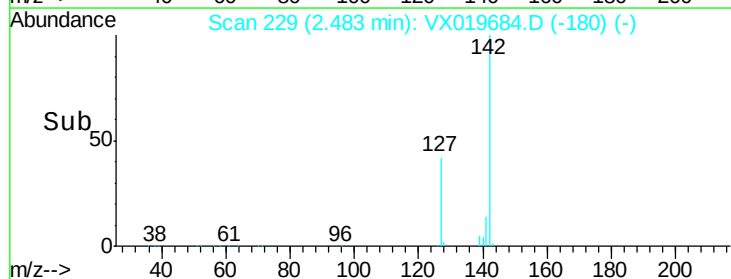
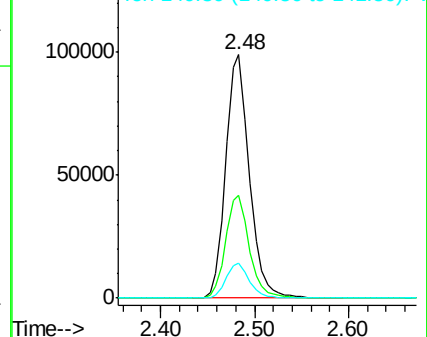
141 14.1 11.0 16.6

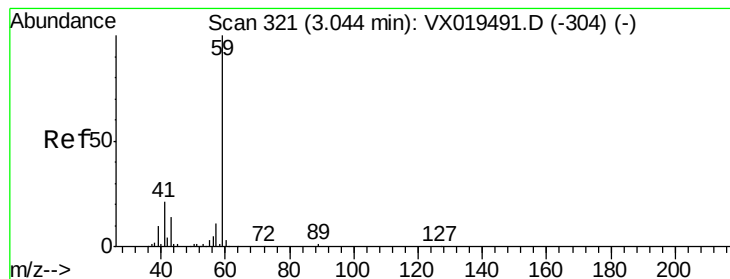


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



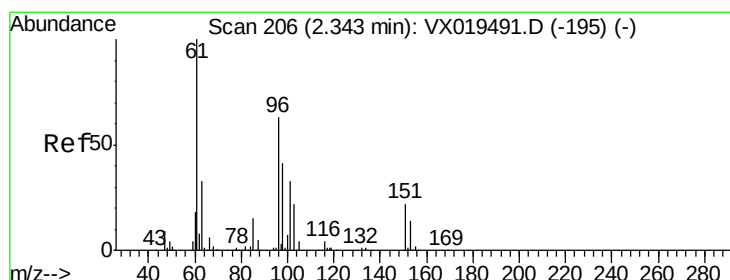
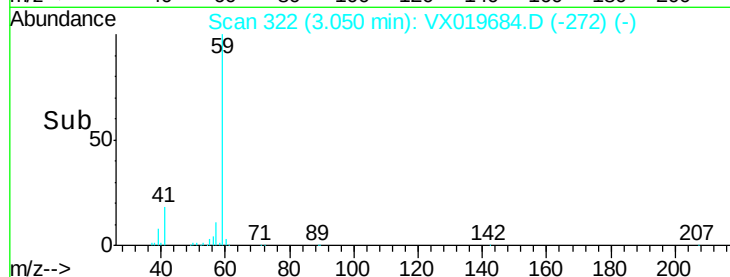
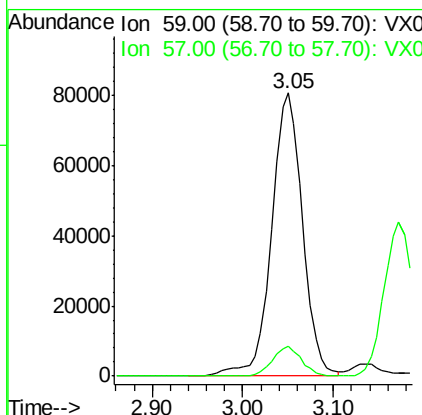
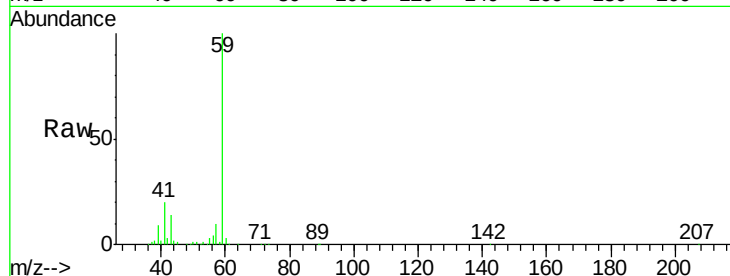


#11

Tert butyl alcohol
 Concen: 305.055 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

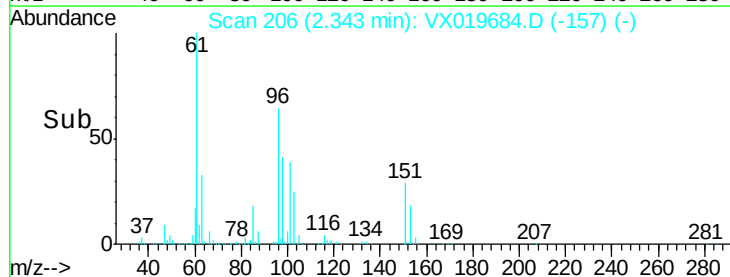
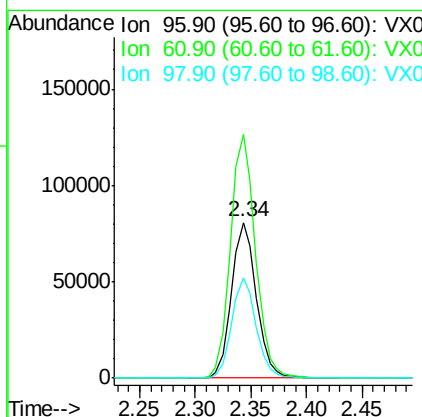
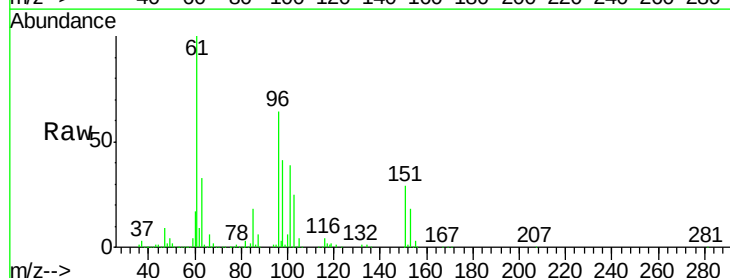
Tot Ion: 59 Resp: 189713
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

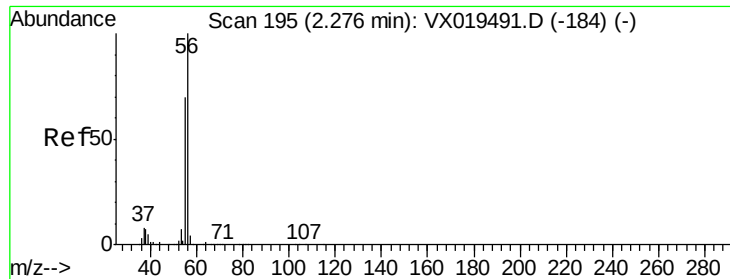


#12

1,1-Dichloroethene
 Concen: 49.525 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 96 Resp: 124613
 Ion Ratio Lower Upper
 96 100
 61 156.7 126.0 189.0
 98 64.5 52.0 78.0





#13

Acrolein

Concen: 225.940 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

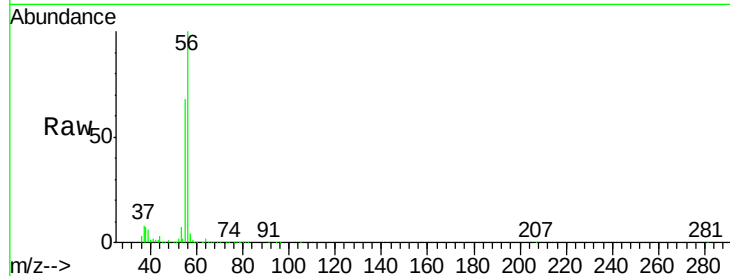
VSTDCCC050EC

Tot Ion: 56 Resp: 94451

Ion Ratio Lower Upper

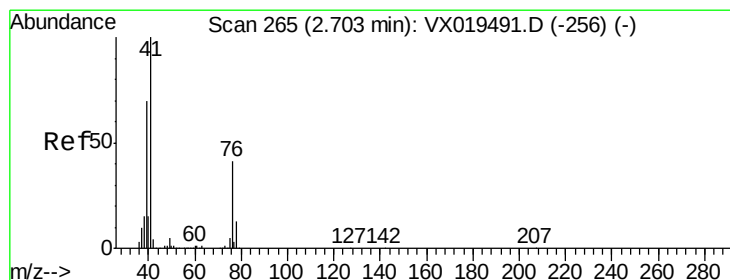
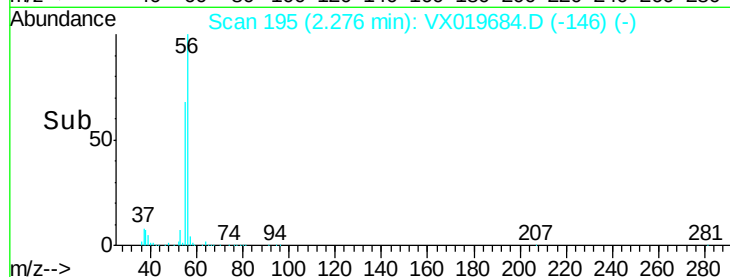
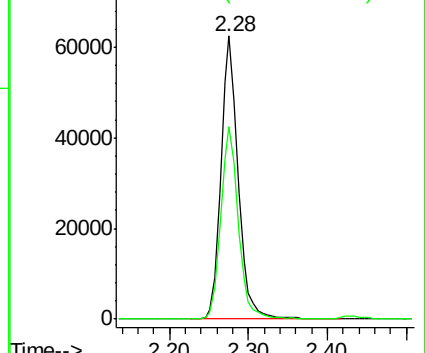
56 100

55 69.5 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.745 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

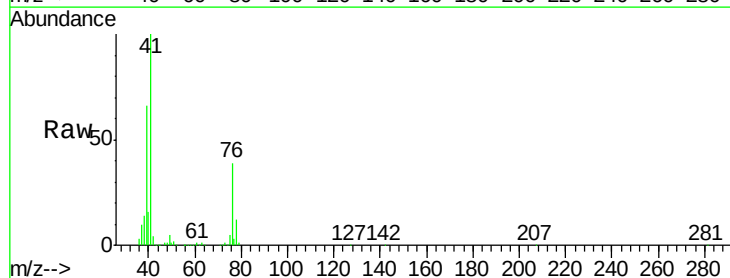
Tgt Ion: 41 Resp: 203966

Ion Ratio Lower Upper

41 100

39 64.3 53.0 79.4

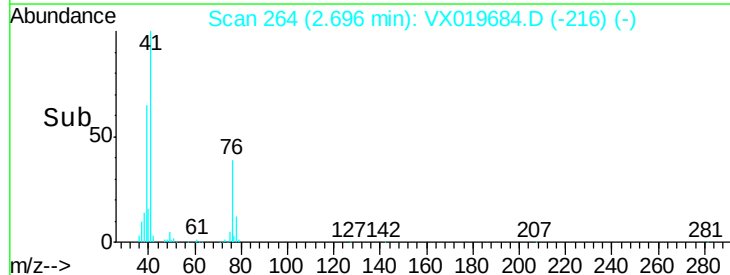
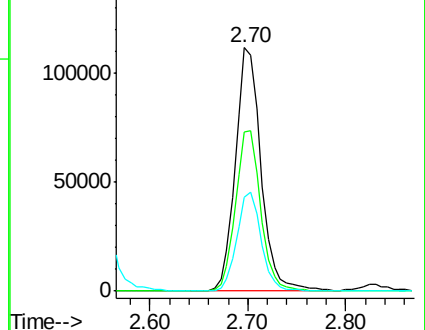
76 38.9 31.0 46.6

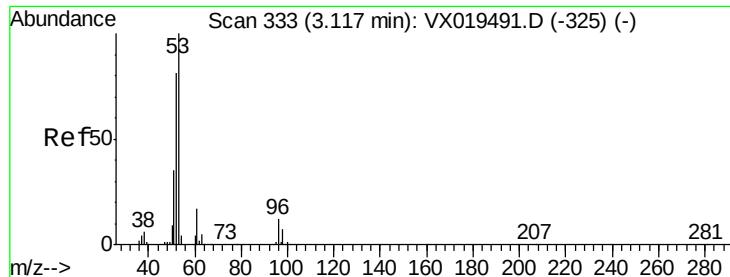


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 283.553 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

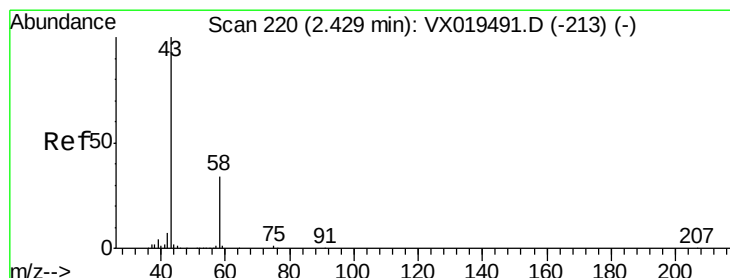
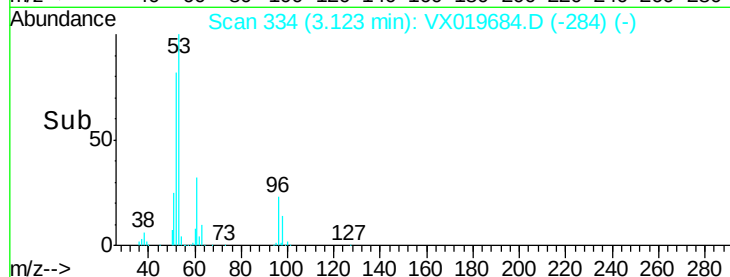
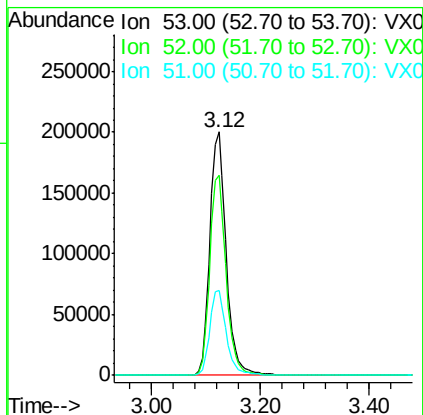
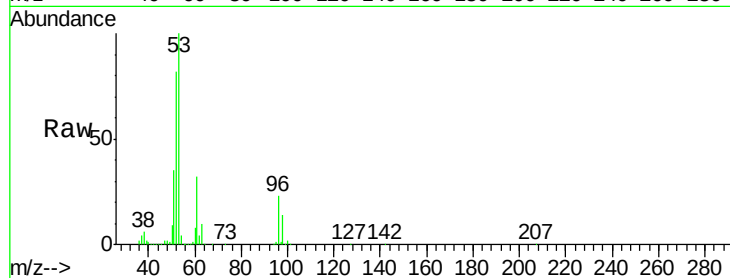
Tot Ion: 53 Resp: 415873

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 35.6 28.5 42.7



#16

Acetone

Concen: 265.032 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019684.D

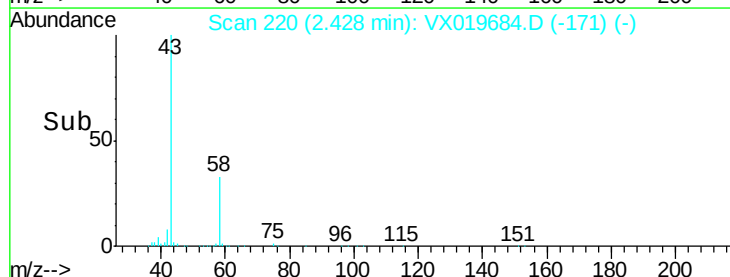
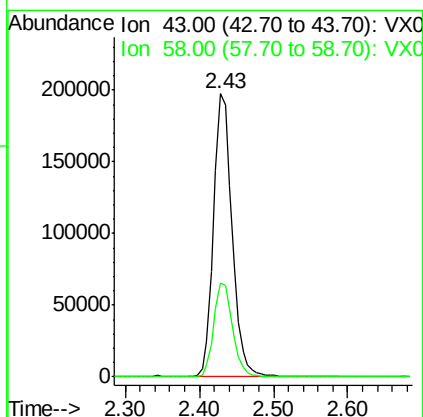
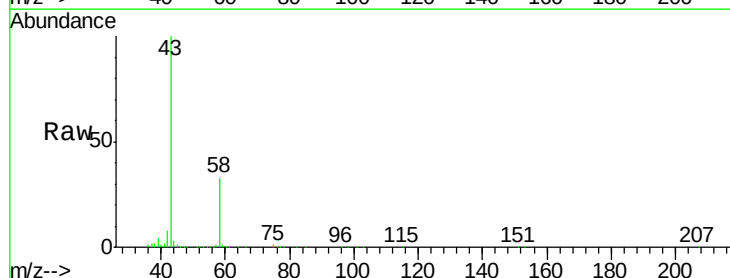
Acq: 30 Nov 2020 16:44

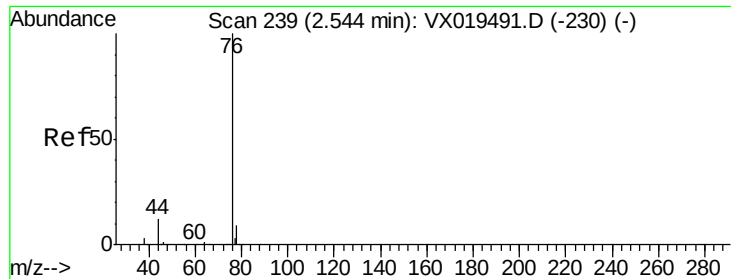
Tgt Ion: 43 Resp: 336801

Ion Ratio Lower Upper

43 100

58 33.4 27.4 41.2





#17

Carbon Disulfide

Concen: 44.895 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

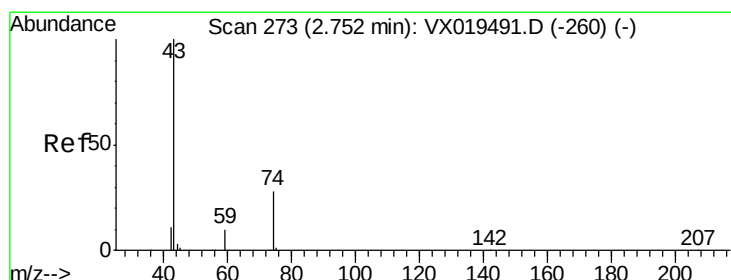
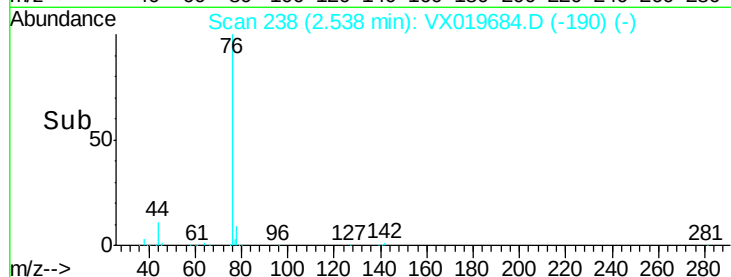
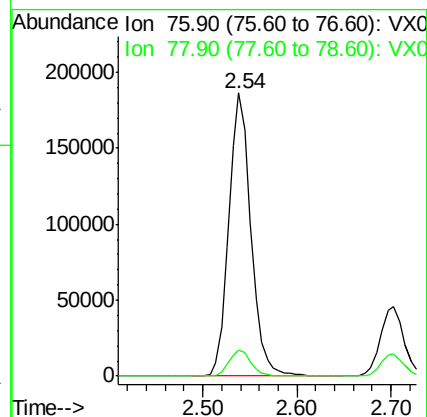
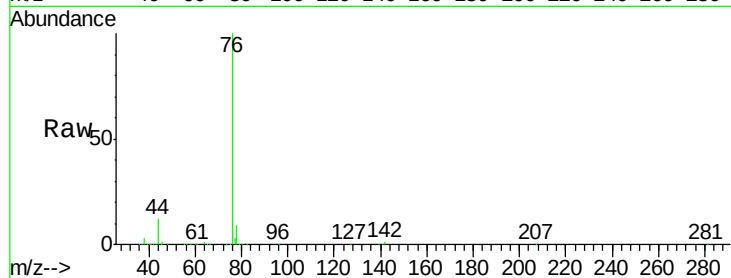
VSTDCCC050EC

Tot Ion: 76 Resp: 303475

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 57.796 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019684.D

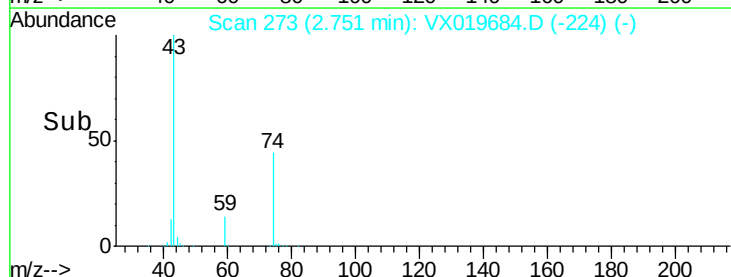
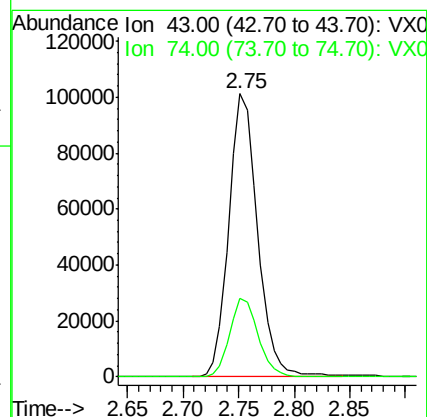
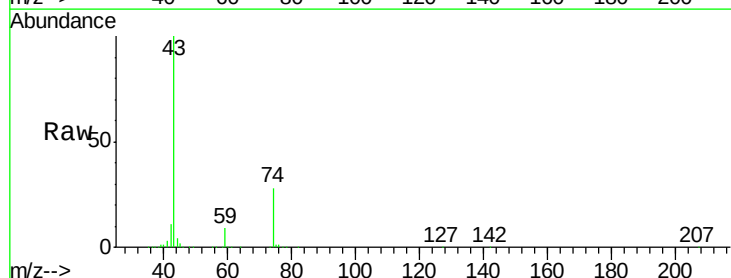
Acq: 30 Nov 2020 16:44

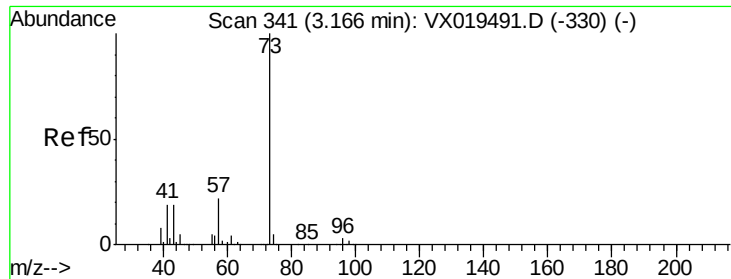
Tgt Ion: 43 Resp: 180397

Ion Ratio Lower Upper

43 100

74 27.3 22.2 33.4

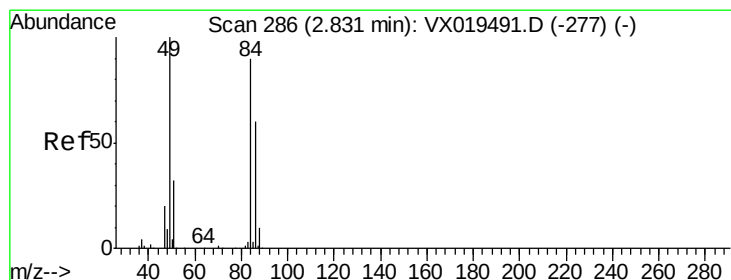
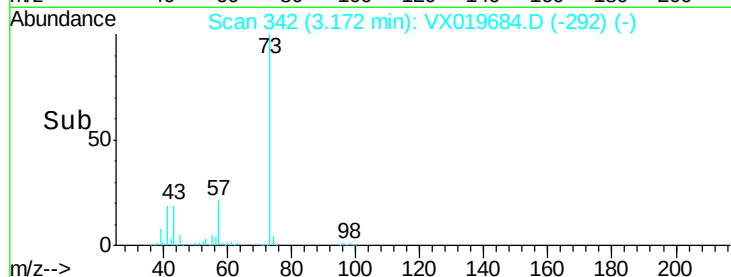
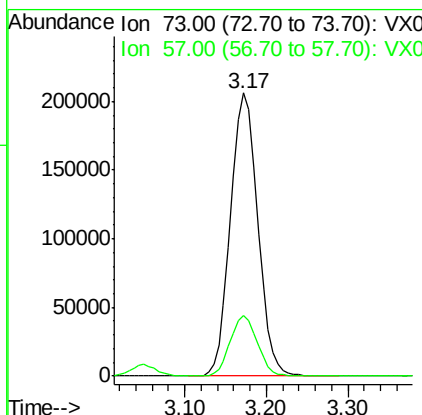
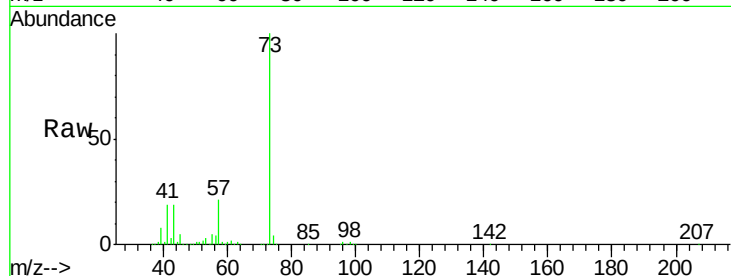




#19
Methyl tert-butyl Ether
Concen: 54.835 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

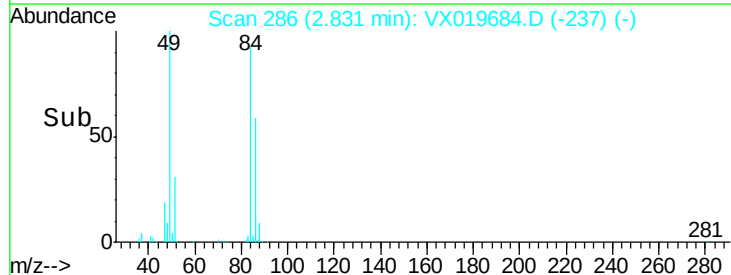
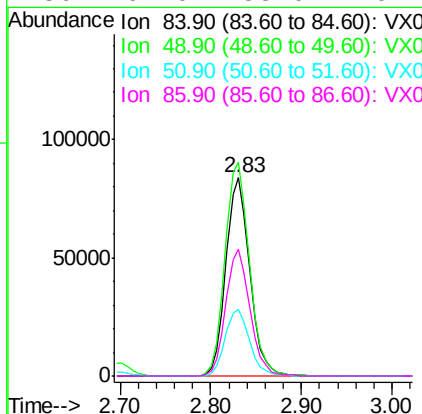
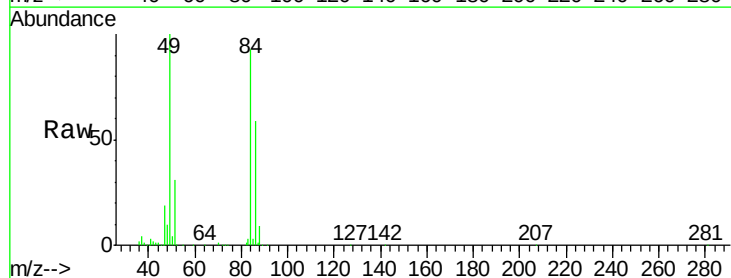
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

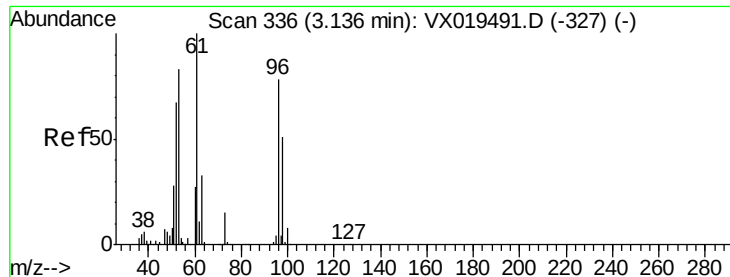
Tot Ion: 73 Resp: 476262
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.486 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 84 Resp: 154004
Ion Ratio Lower Upper
84 100
49 107.7 88.5 132.7
51 33.3 28.0 42.0
86 64.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 50.616 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

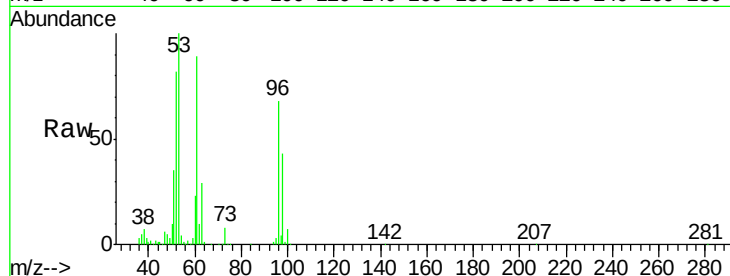
Tot Ion: 96 Resp: 144295

Ion Ratio Lower Upper

96 100

61 131.8 102.9 154.3

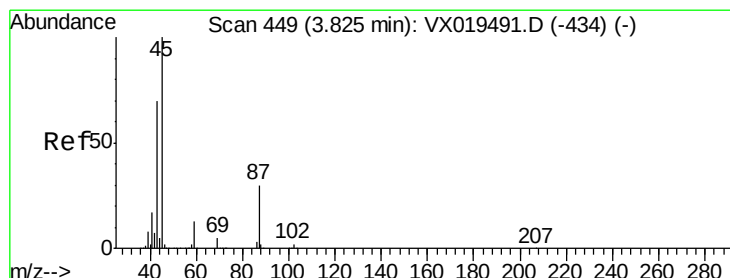
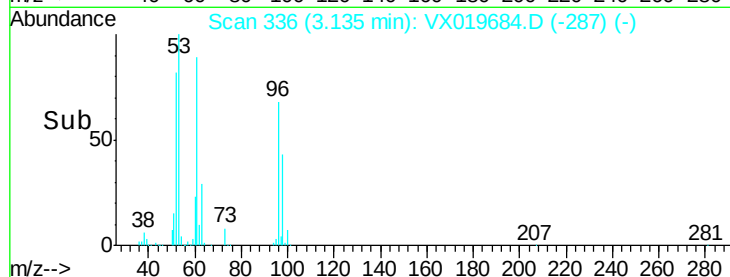
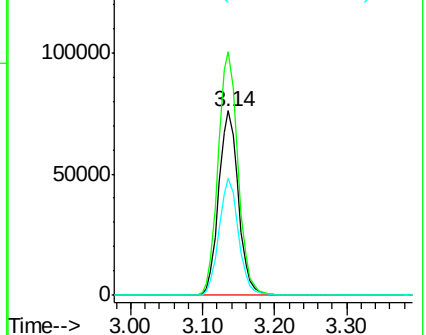
98 63.5 52.1 78.1



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: 52.843 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion: 45 Resp: 430896

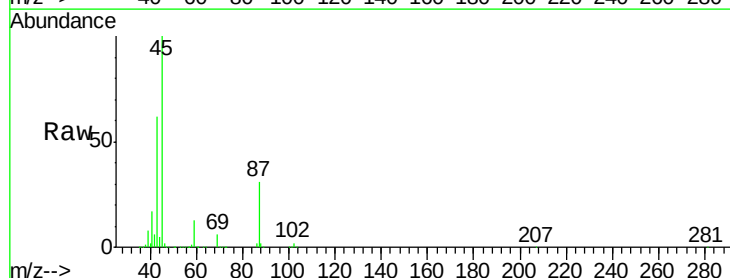
Ion Ratio Lower Upper

45 100

43 61.9 56.1 84.1

87 31.1 24.2 36.2

59 13.0 10.2 15.2

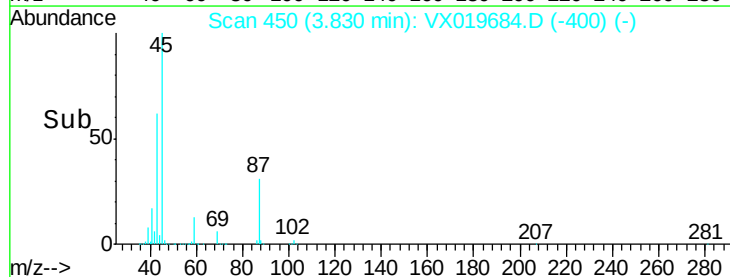
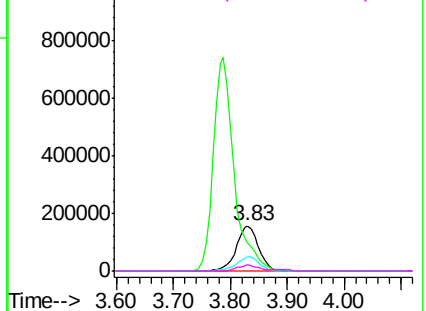


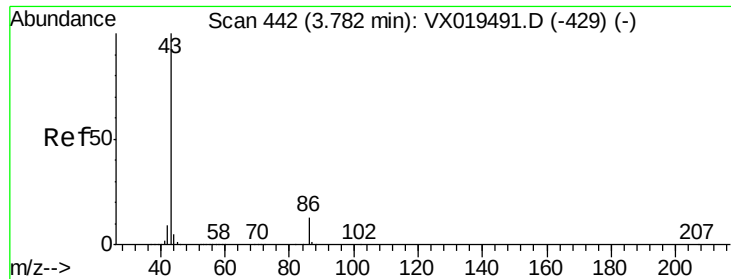
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 275.149 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

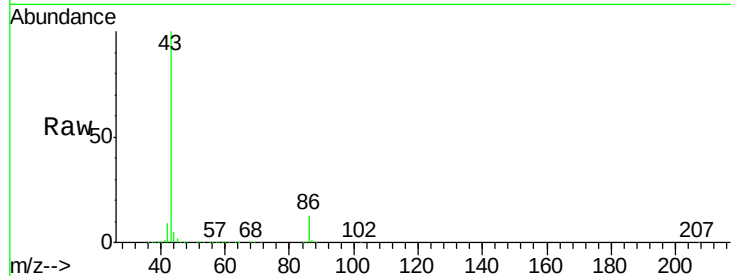
VSTDCCC050EC

Tot Ion: 43 Resp: 1881940

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

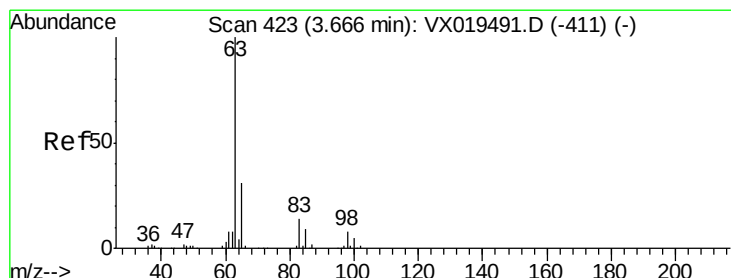
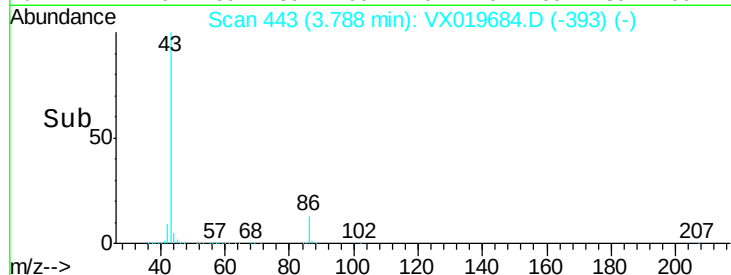
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 52.760 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

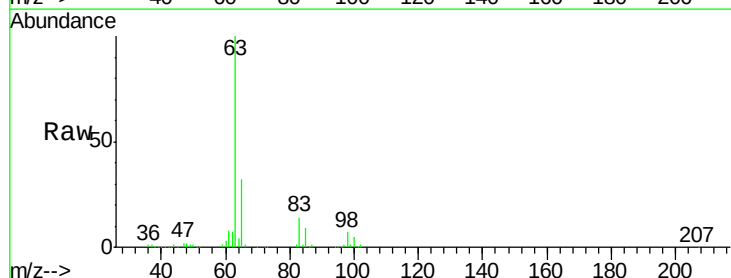
Tgt Ion: 63 Resp: 263147

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 5.0 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

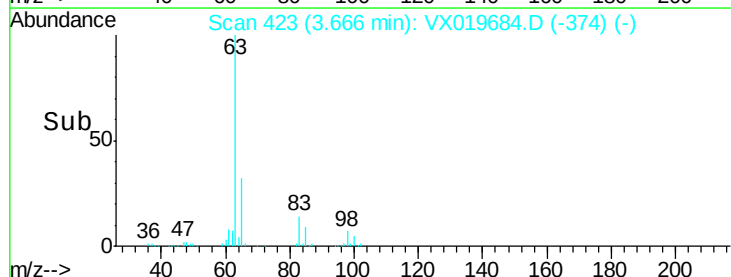
150000

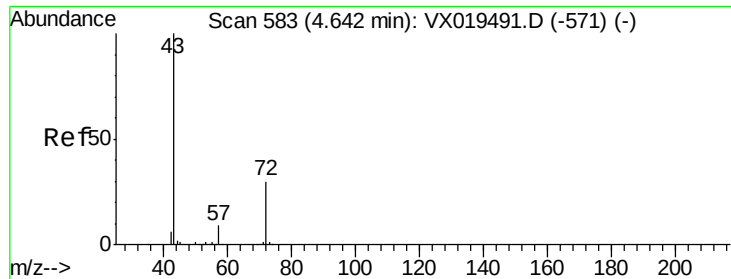
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 280.176 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

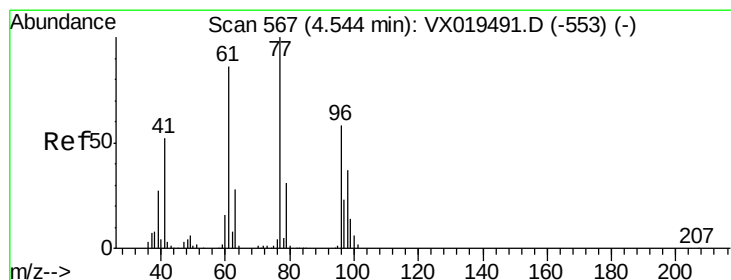
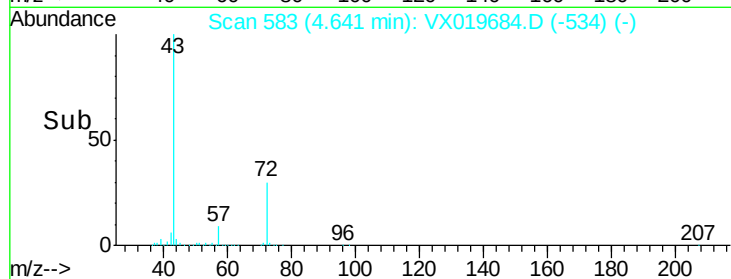
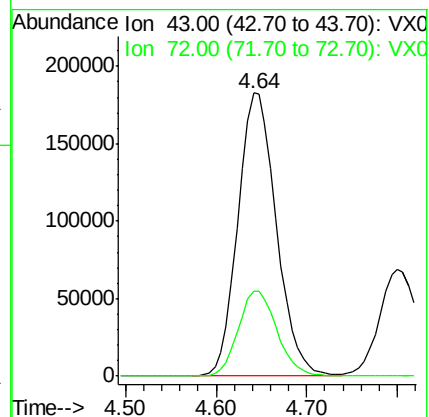
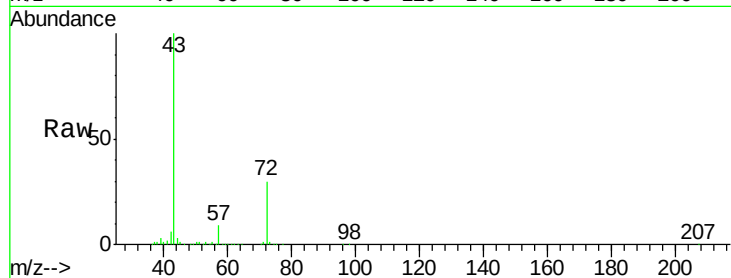
VSTDCCC050EC

Tot Ion: 43 Resp: 534849

Ion Ratio Lower Upper

43 100

72 30.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 48.702 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019684.D

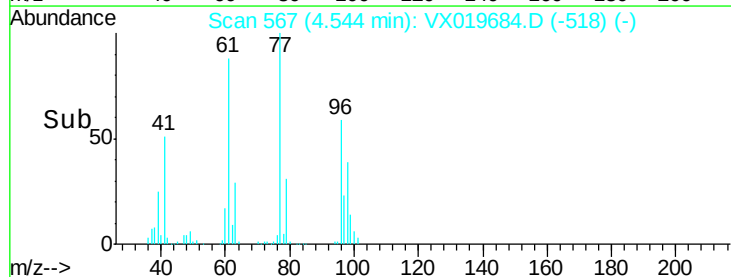
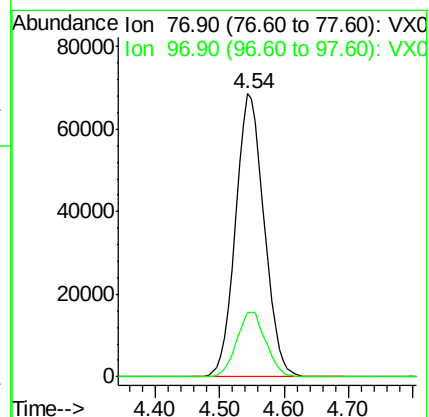
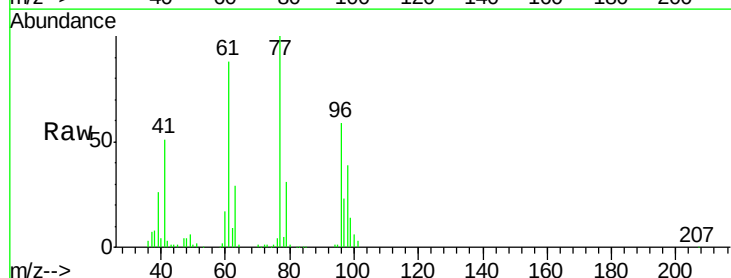
Acq: 30 Nov 2020 16:44

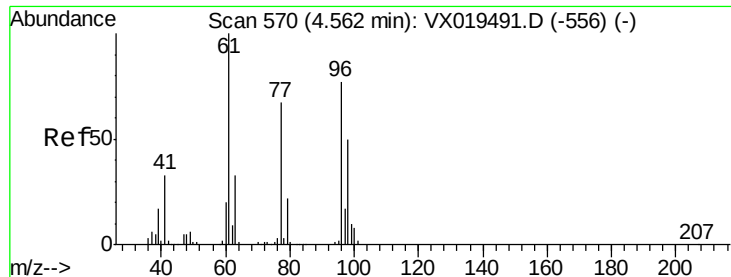
Tgt Ion: 77 Resp: 212024

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8



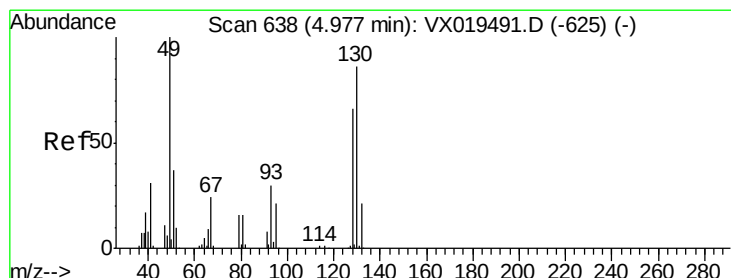
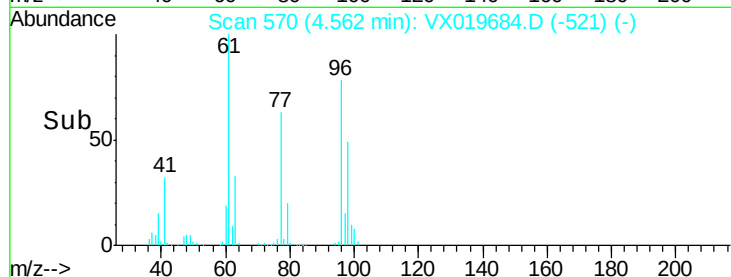
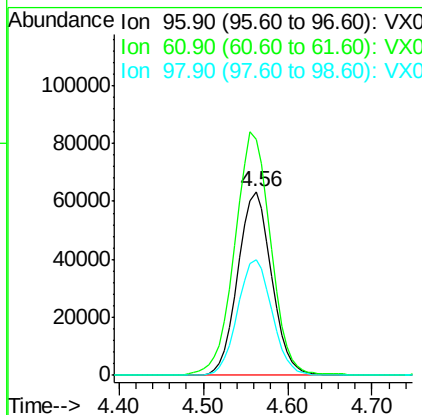
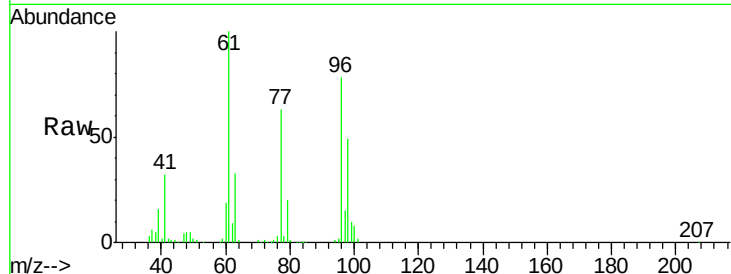


#27

cis-1,2-Dichloroethene
Concen: 52.536 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

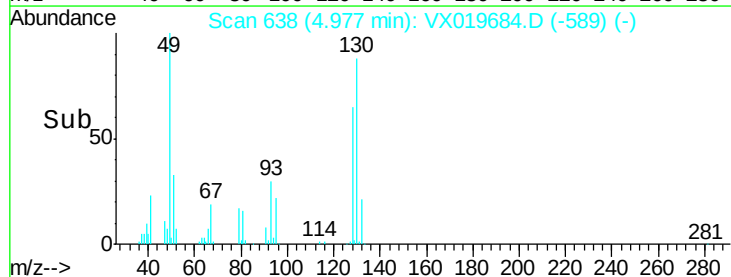
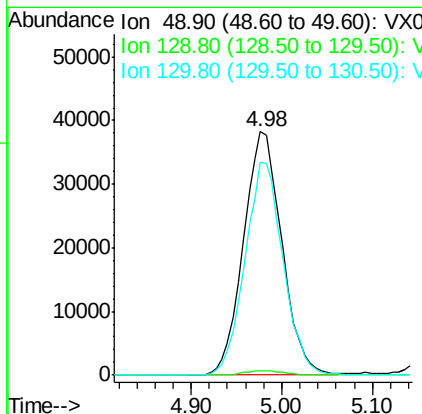
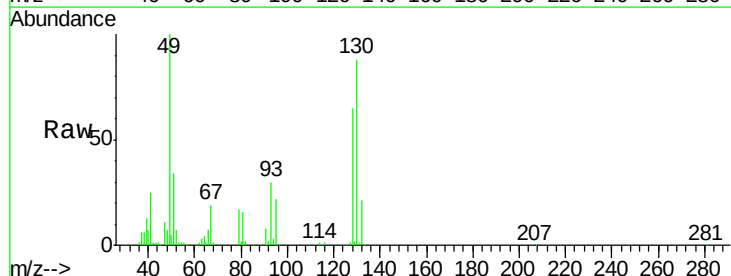
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	279.2
98	64.3	0.0	129.8

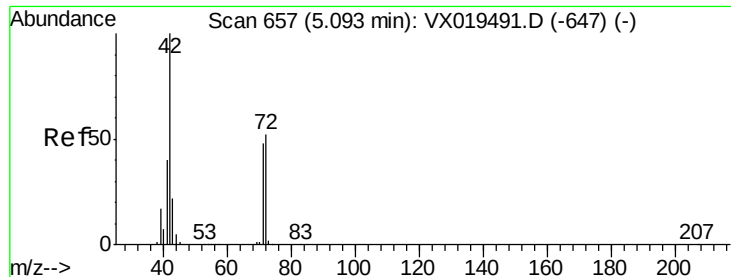


#28

Bromochloromethane
Concen: 47.021 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	86.9	69.0	103.6

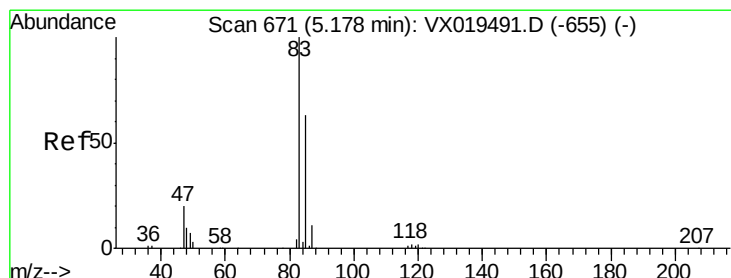
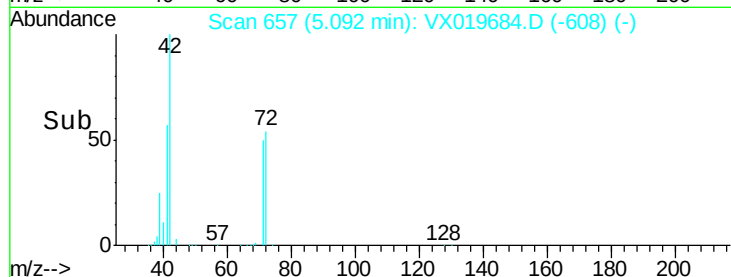
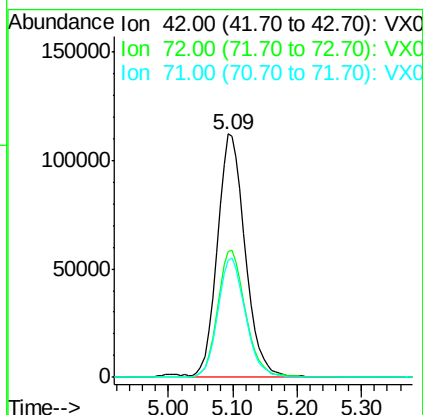
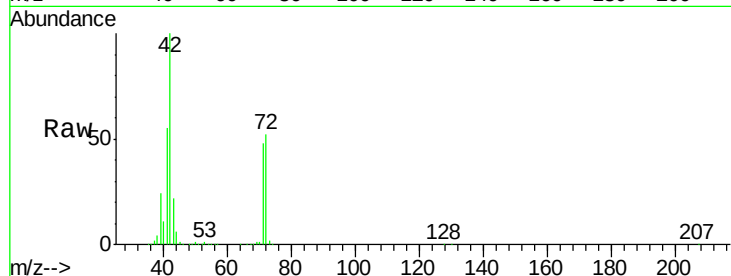




#29
Tetrahydrofuran
Concen: 279.060 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

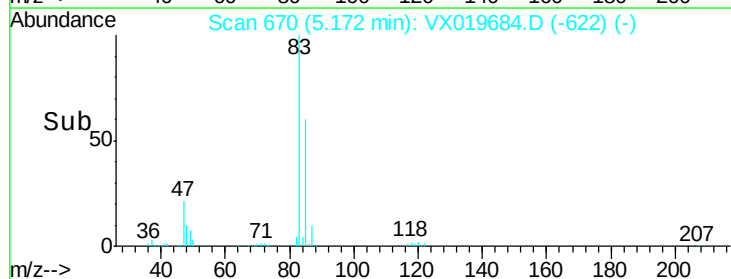
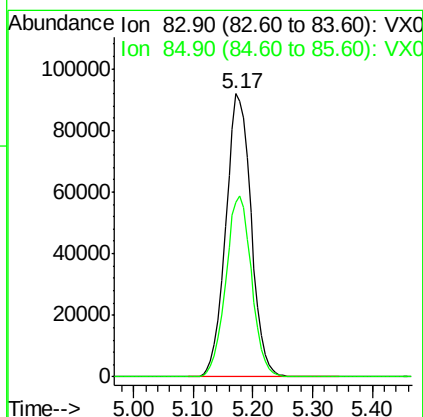
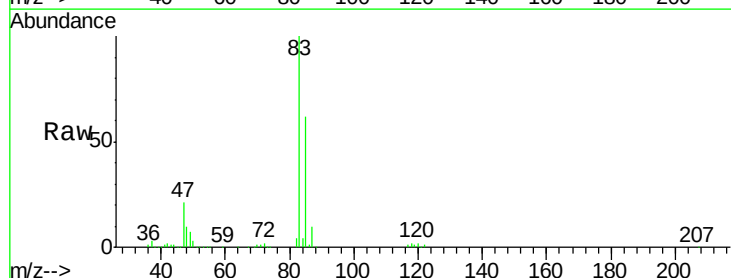
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

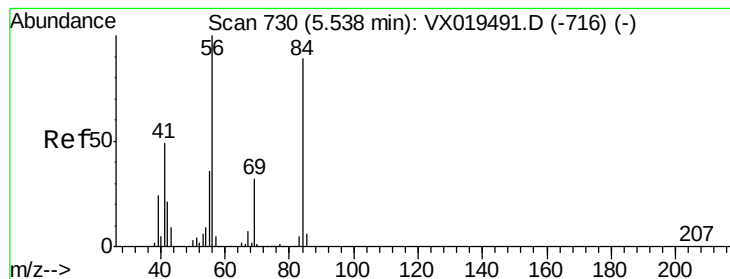
Tot Ion: 42 Resp: 339900
Ion Ratio Lower Upper
42 100
72 52.8 42.6 63.8
71 48.8 39.0 58.6



#30
Chloroform
Concen: 52.125 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 83 Resp: 271844
Ion Ratio Lower Upper
83 100
85 61.6 50.5 75.7





#31

Cyclohexane

Concen: 49.332 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

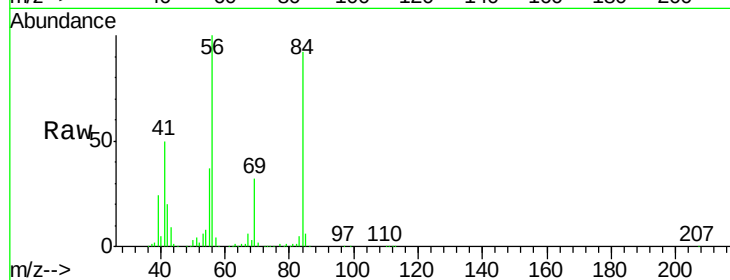
Tot Ion: 56 Resp: 210845

Ion Ratio Lower Upper

56 100

69 32.1 25.5 38.3

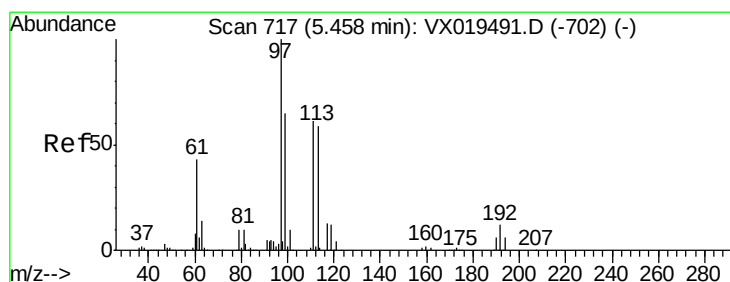
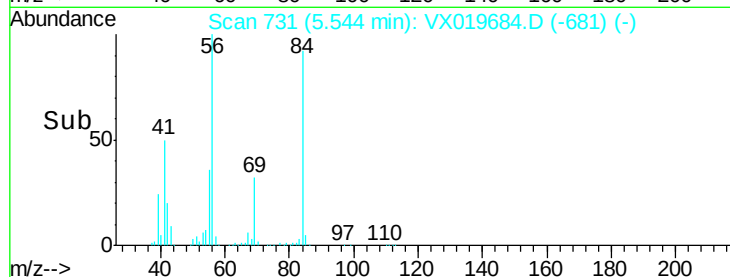
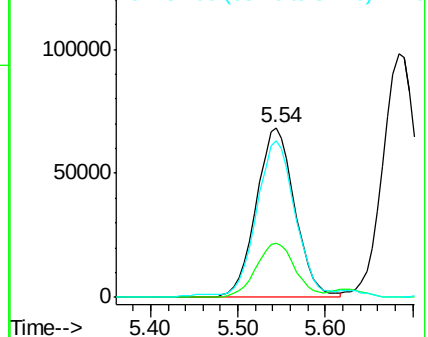
84 90.6 71.1 106.7



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: 52.283 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

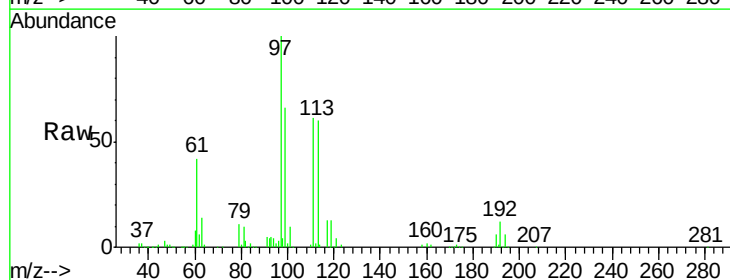
Tgt Ion: 97 Resp: 234225

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

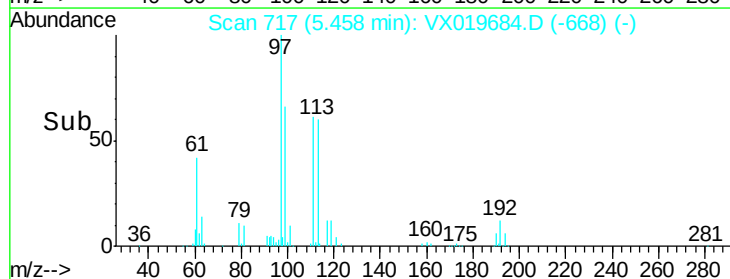
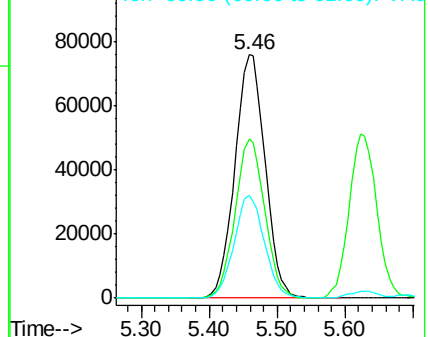
61 42.3 34.2 51.2

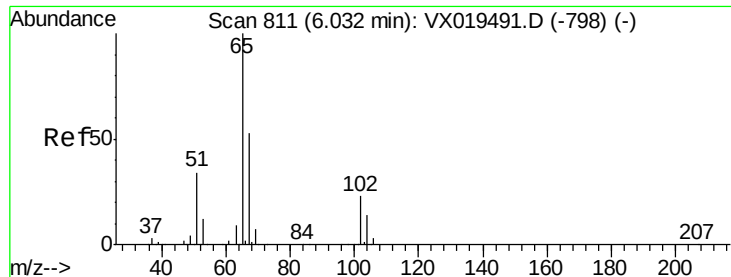


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

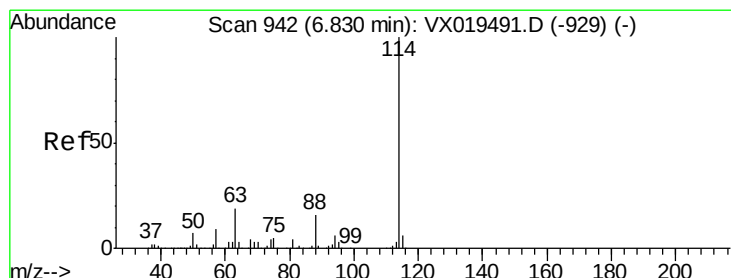
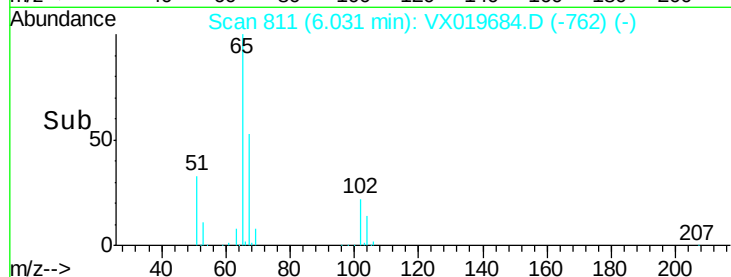
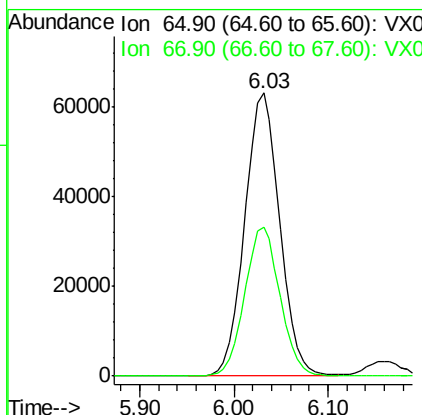
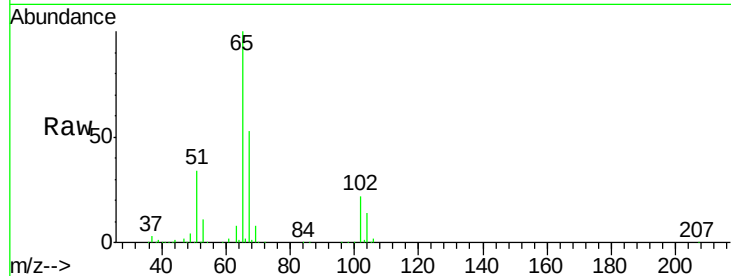




#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

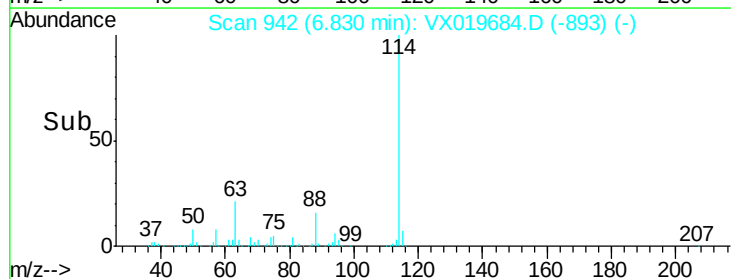
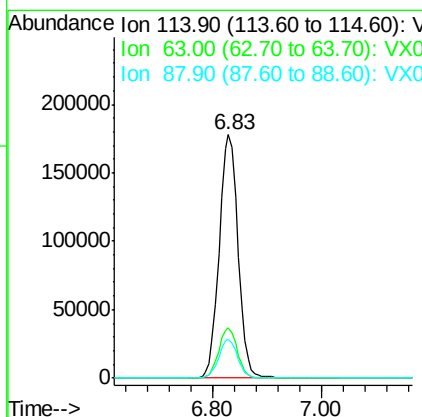
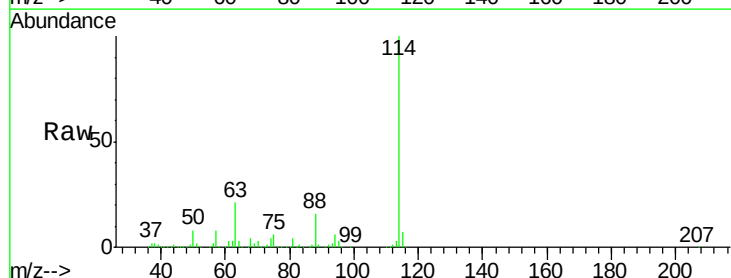
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

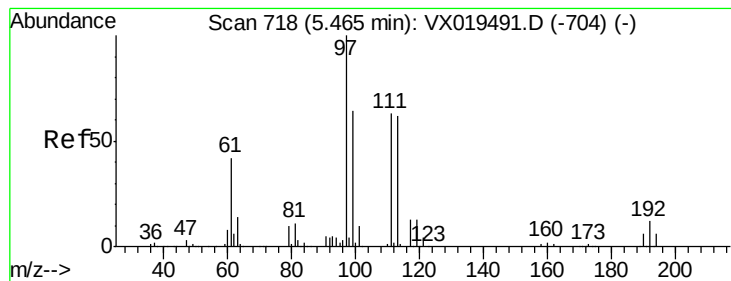
Tot Ion: 65 Resp: 164852
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 114 Resp: 426263
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.464 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

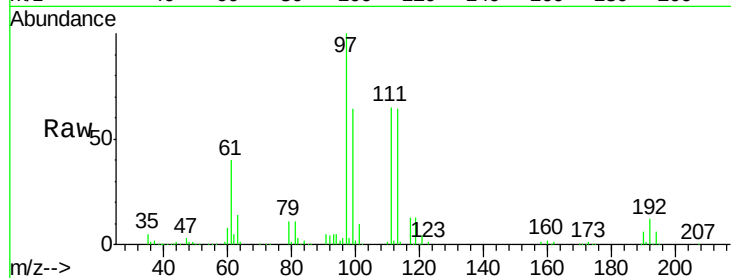
Tot Ion:113 Resp: 135023

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

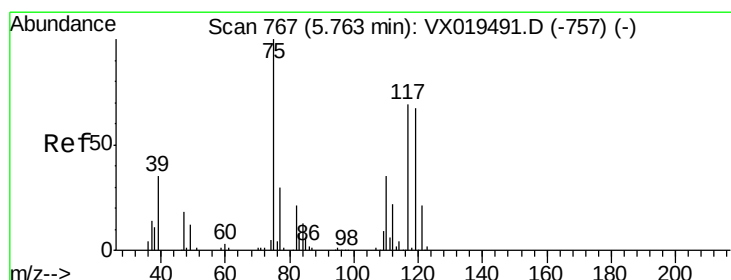
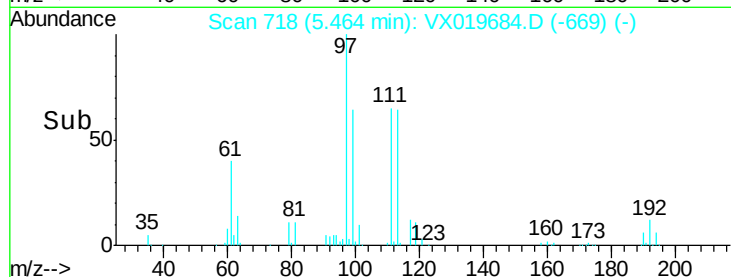
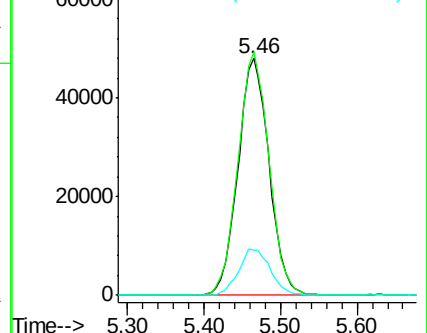
192 20.0 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.179 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

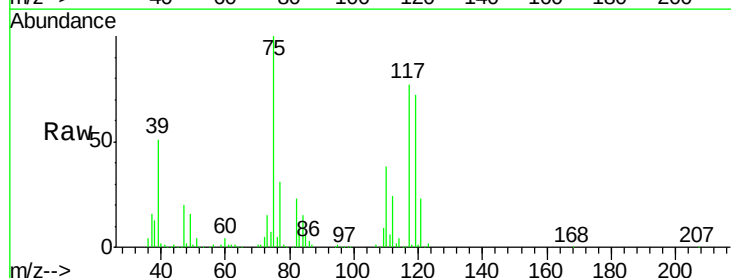
Tgt Ion: 75 Resp: 192534

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.3

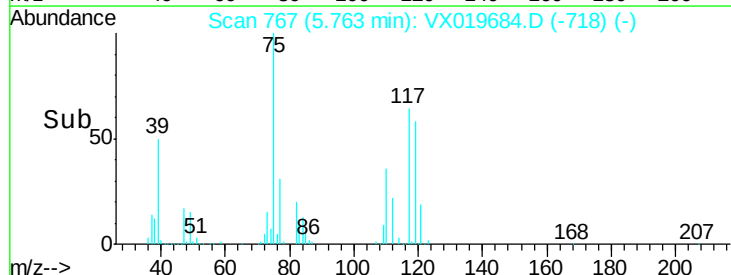
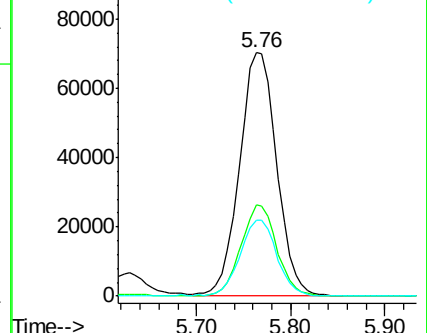
77 31.2 24.2 36.4

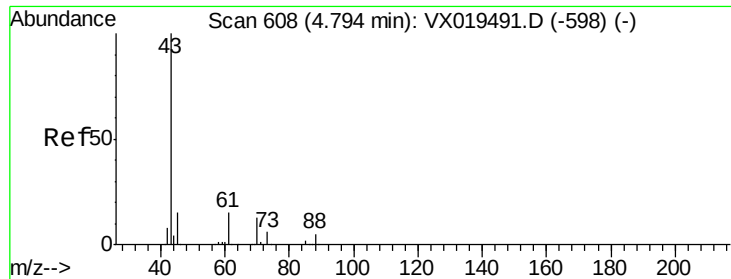


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

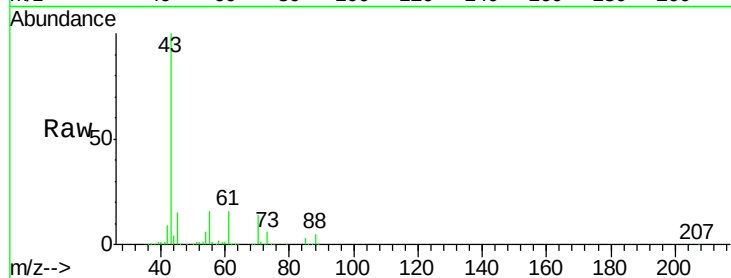




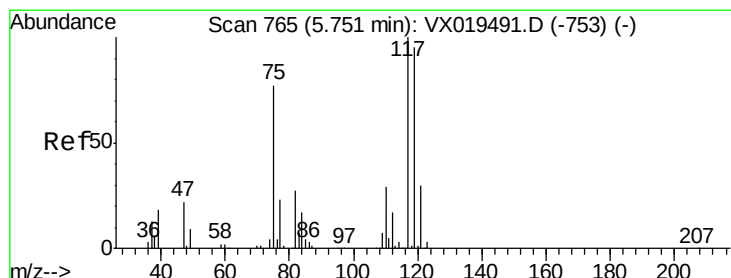
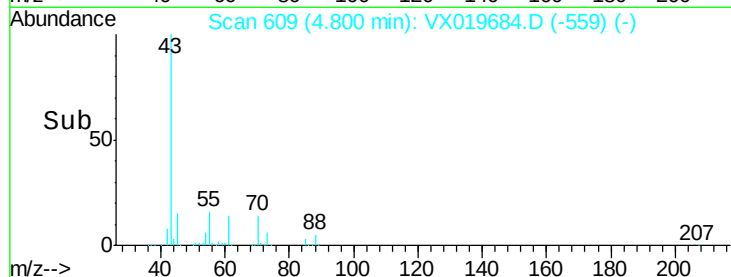
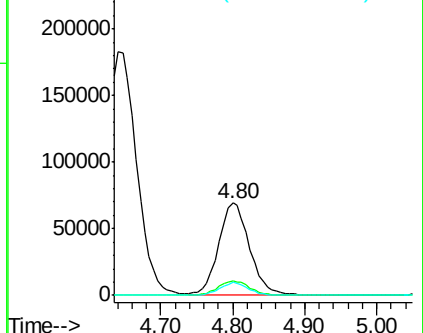
#37
Ethyl Acetate
Concen: 54.829 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 205699
Ion Ratio Lower Upper
43 100
61 15.8 12.7 19.1
70 13.0 10.2 15.2

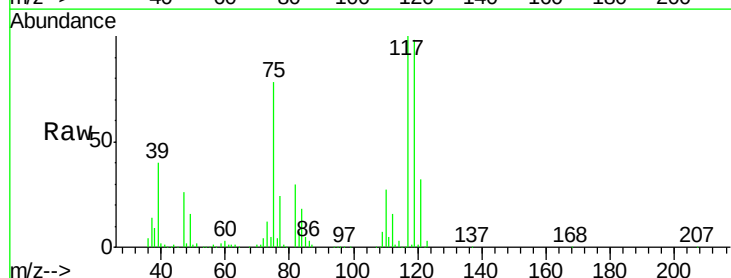


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

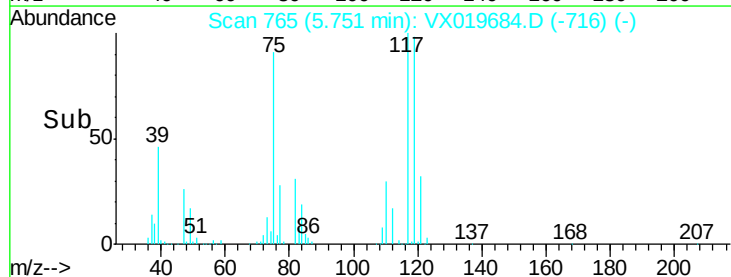
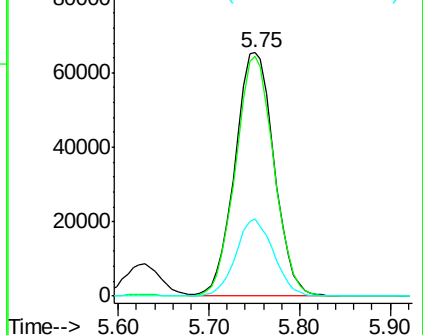


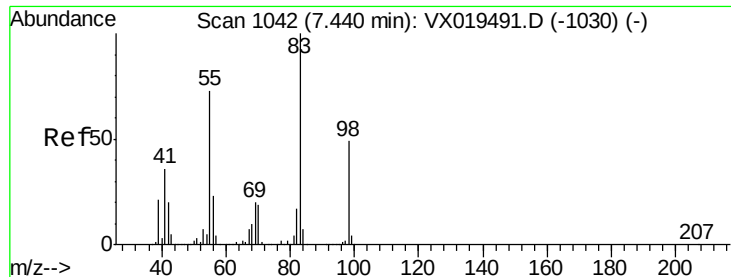
#38
Carbon Tetrachloride
Concen: 50.599 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 117 Resp: 195721
Ion Ratio Lower Upper
117 100
119 98.3 75.9 113.9
121 31.6 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

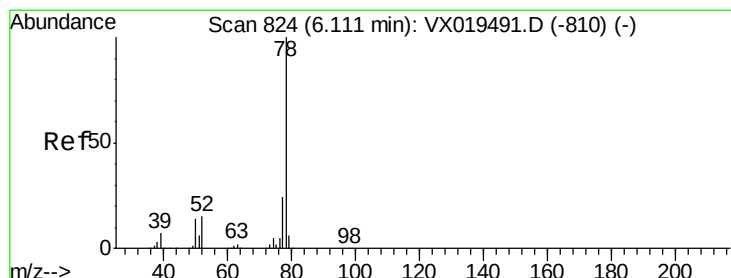
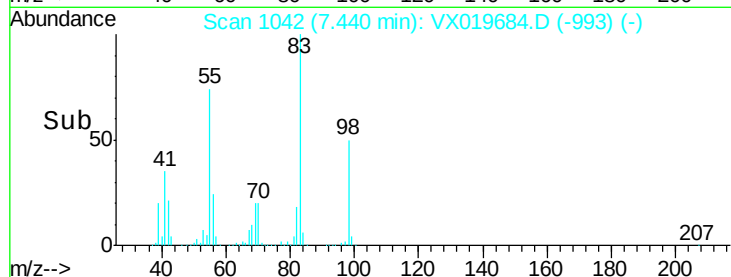
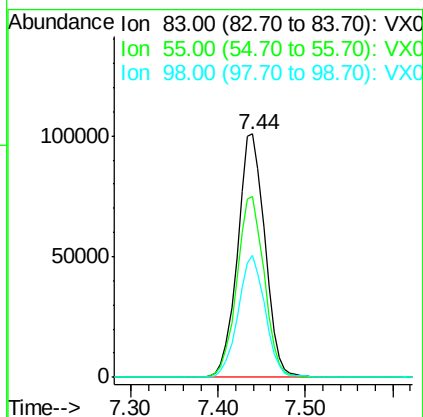
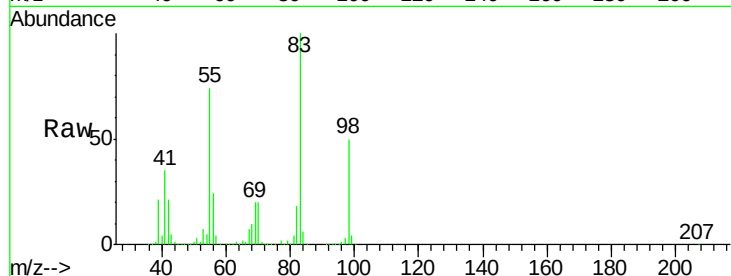




#39
Methylvlcyclohexane
Concen: 47.285 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

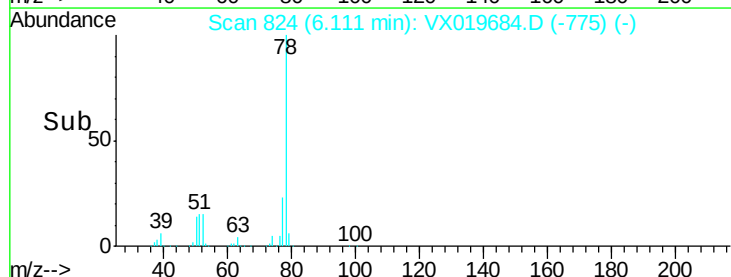
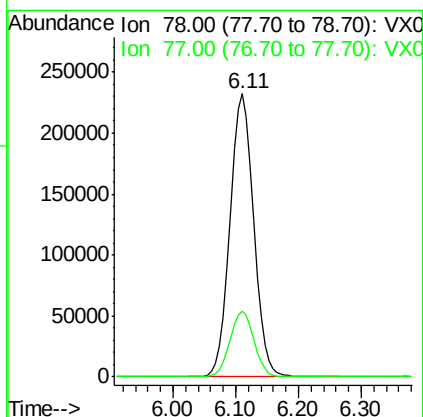
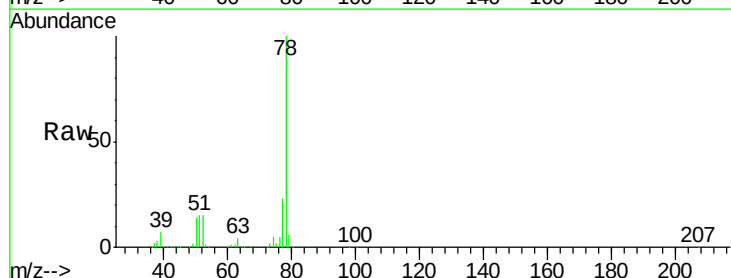
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

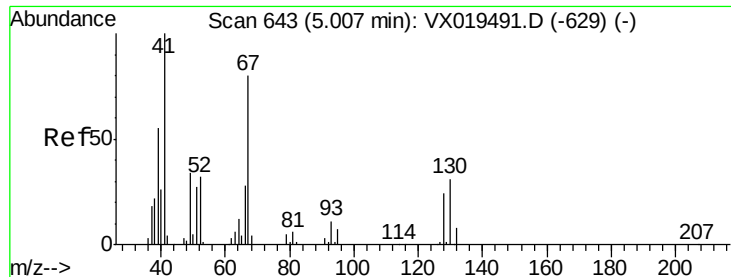
Tot Ion: 83 Resp: 220017
Ion Ratio Lower Upper
83 100
55 74.3 58.3 87.5
98 50.2 38.9 58.3



#40
Benzene
Concen: 49.552 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 78 Resp: 608423
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3





#41

Methacrylonitrile

Concen: 53.761 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 111221

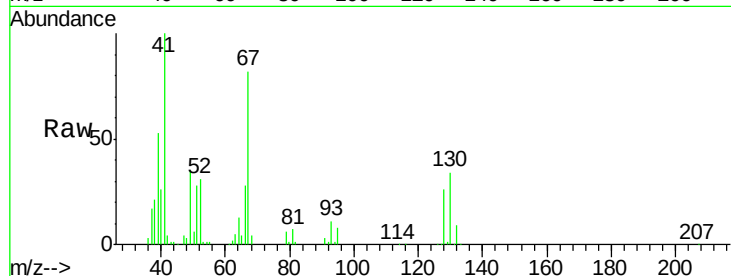
Ion Ratio Lower Upper

41 100

39 54.8 43.3 64.9

67 83.4 66.0 99.0

52 31.5 25.4 38.2

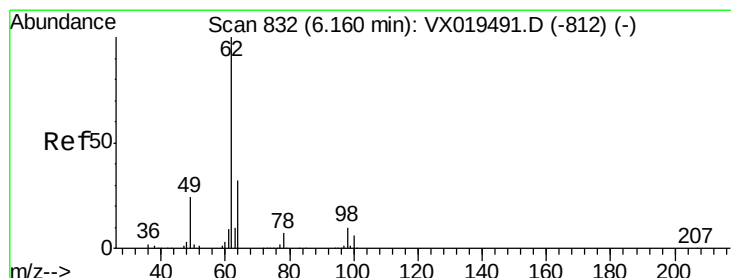
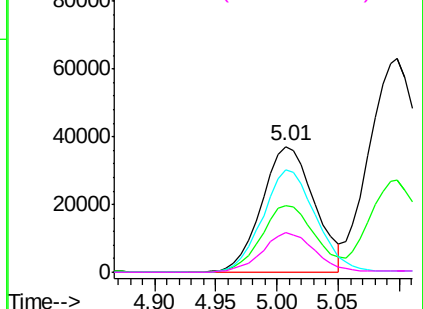
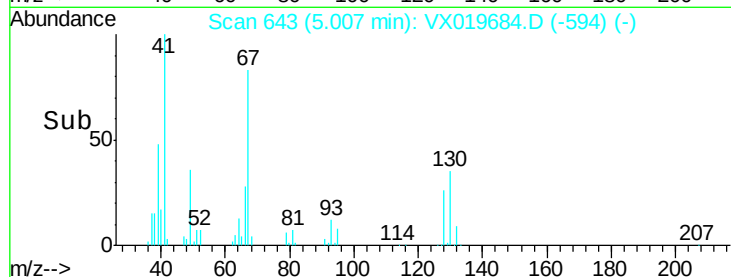


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.668 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019684.D

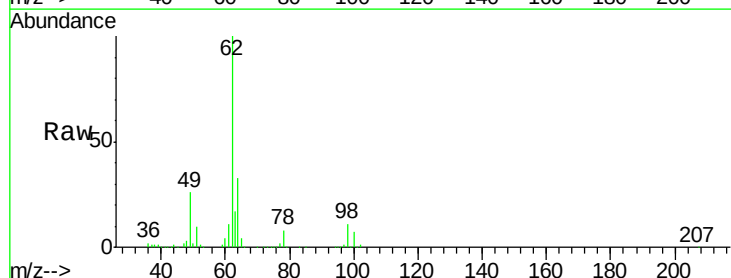
Acq: 30 Nov 2020 16:44

Tgt Ion: 62 Resp: 213236

Ion Ratio Lower Upper

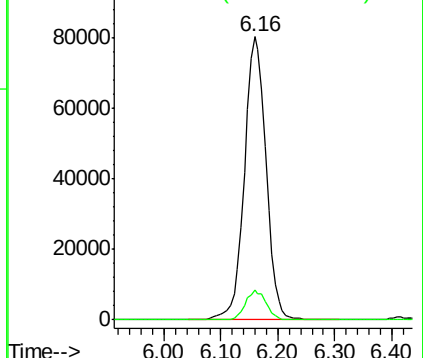
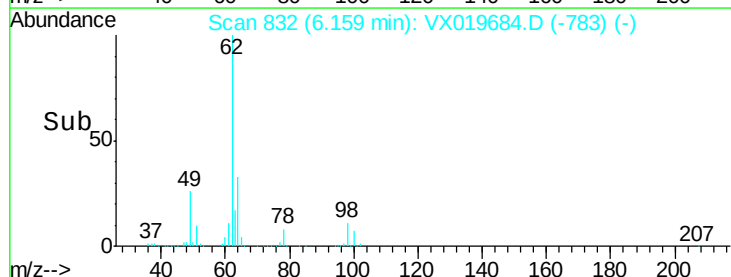
62 100

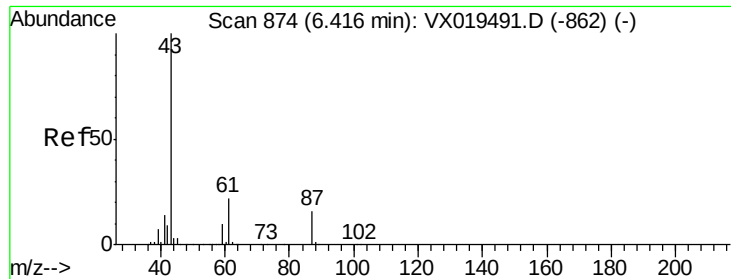
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.792 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

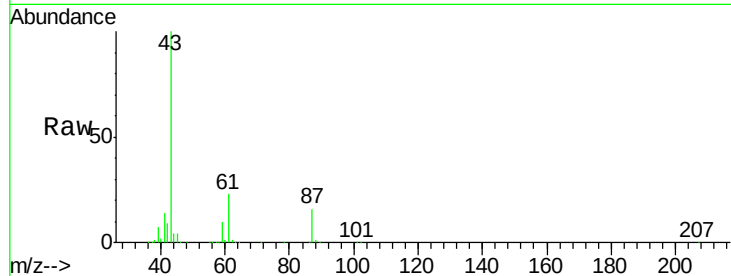
Tot Ion: 43 Resp: 332932

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.2

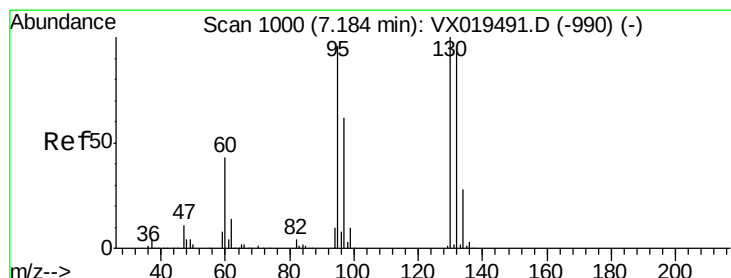
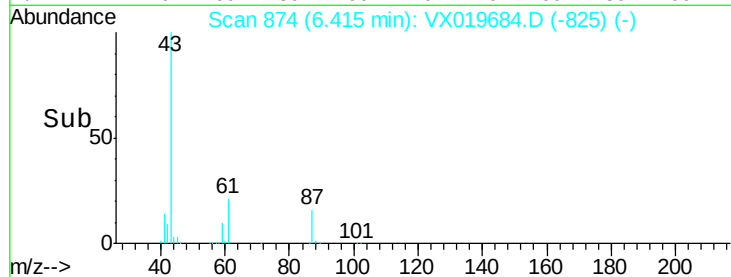
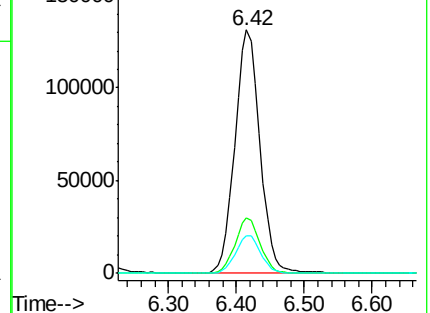
87 15.7 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.013 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019684.D

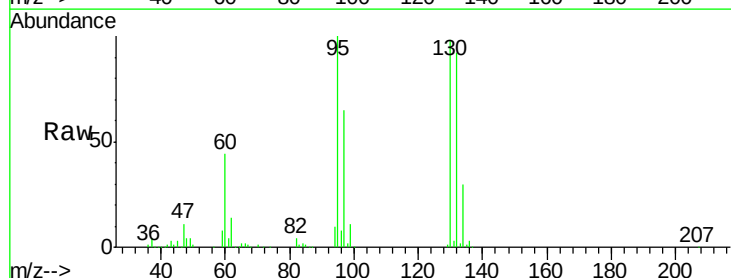
Acq: 30 Nov 2020 16:44

Tgt Ion:130 Resp: 154418

Ion Ratio Lower Upper

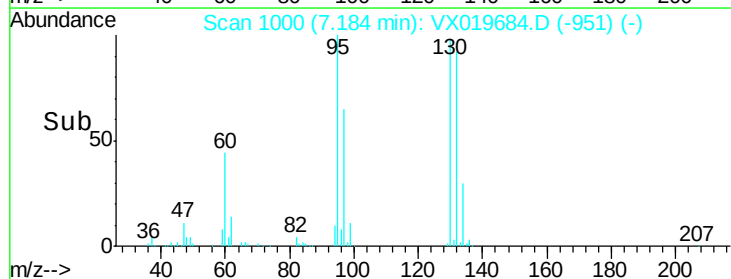
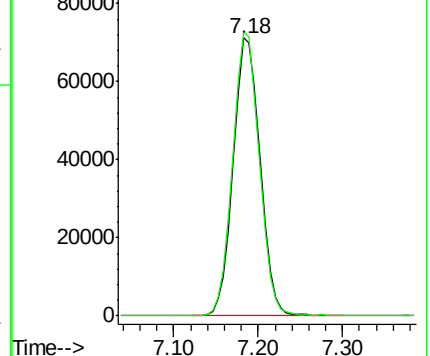
130 100

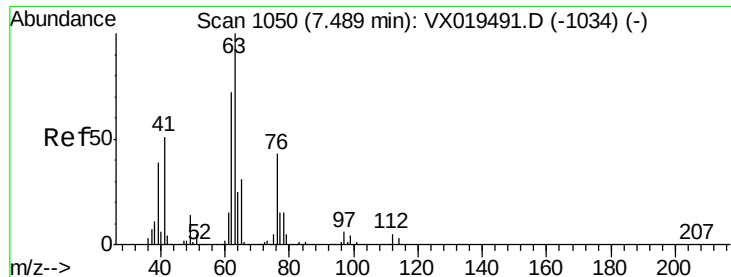
95 101.9 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.204 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

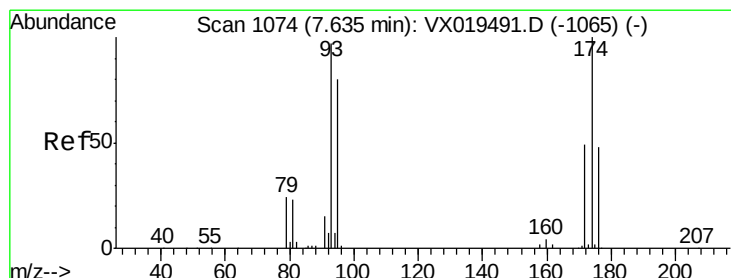
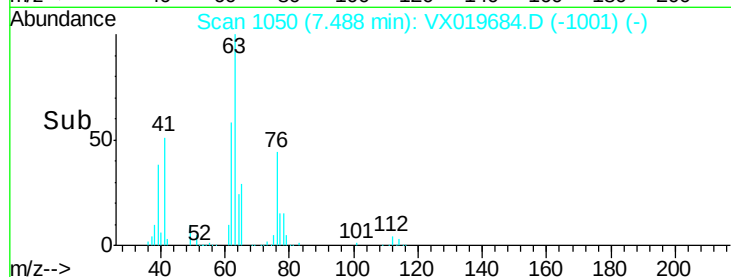
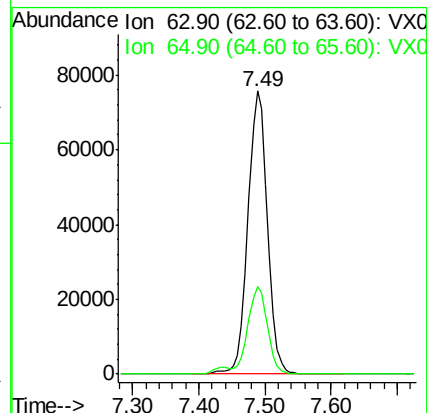
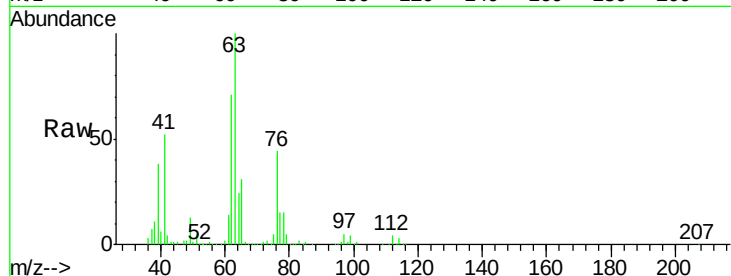
VSTDCCC050EC

Tot Ion: 63 Resp: 154776

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.4



#46

Dibromomethane

Concen: 51.028 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

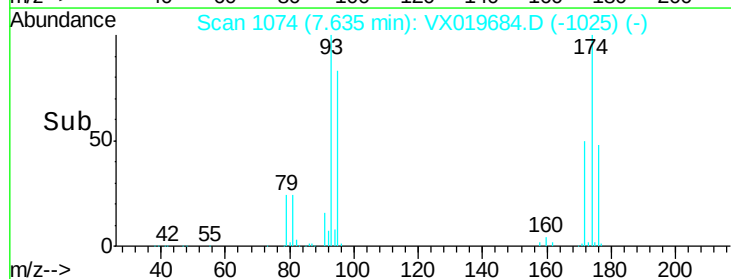
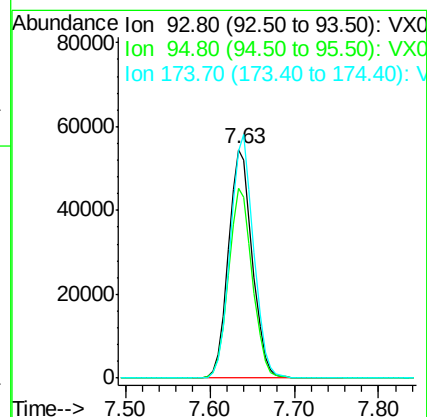
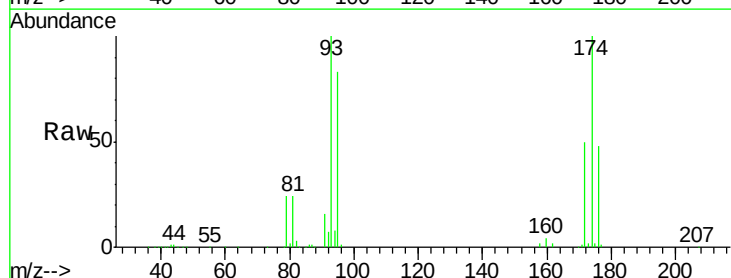
Tgt Ion: 93 Resp: 105567

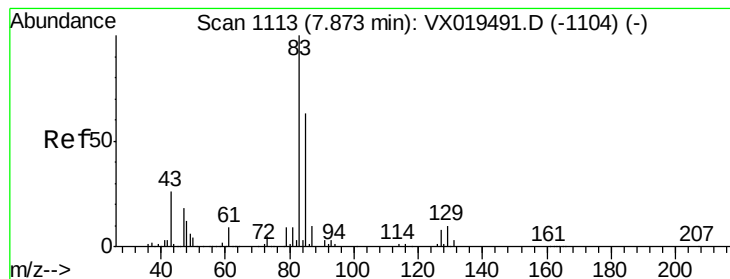
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 104.1 83.0 124.4





#47

Bromodichloromethane

Concen: 51.904 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

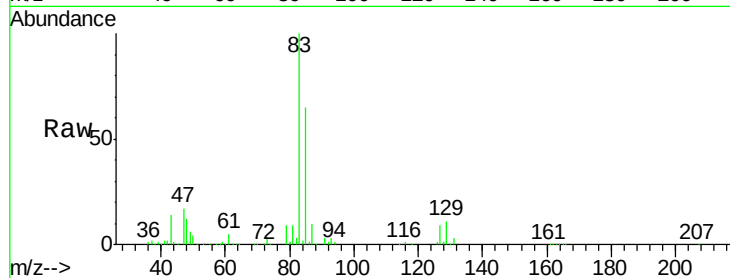
Tot Ion: 83 Resp: 208367

Ion Ratio Lower Upper

83 100

85 65.2 50.2 75.2

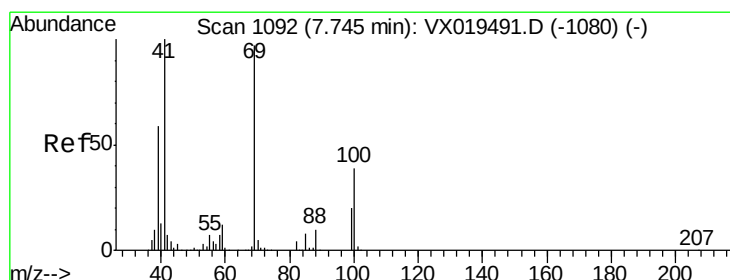
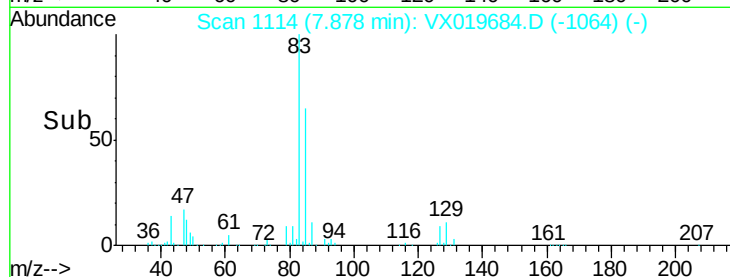
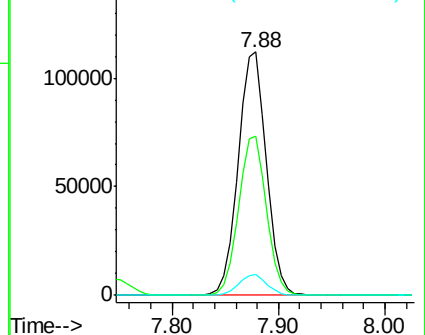
127 8.6 6.4 9.6



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: 55.017 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

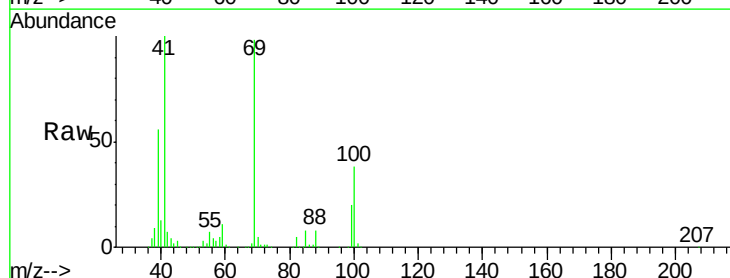
Tgt Ion: 41 Resp: 162493

Ion Ratio Lower Upper

41 100

69 97.3 77.0 115.6

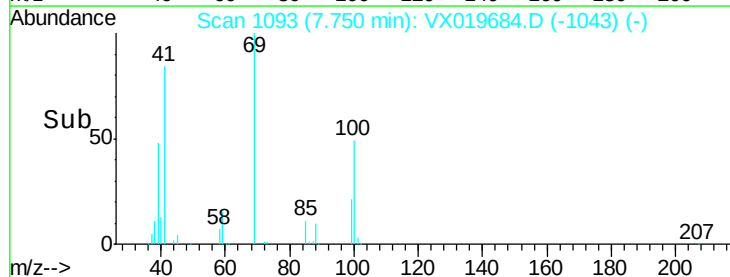
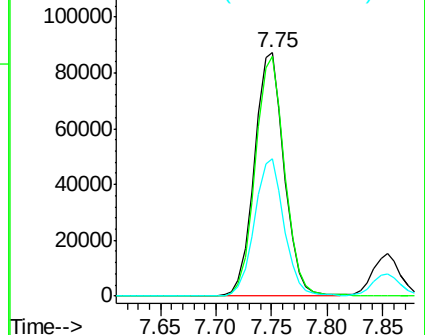
39 56.0 45.6 68.4

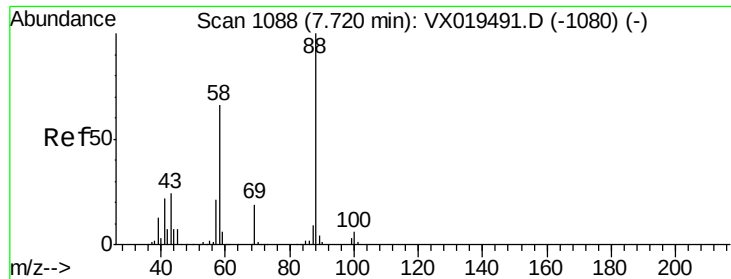


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

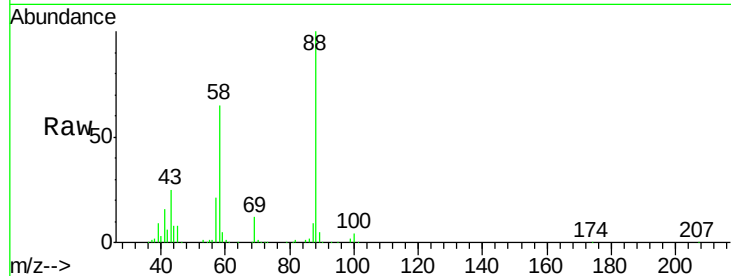




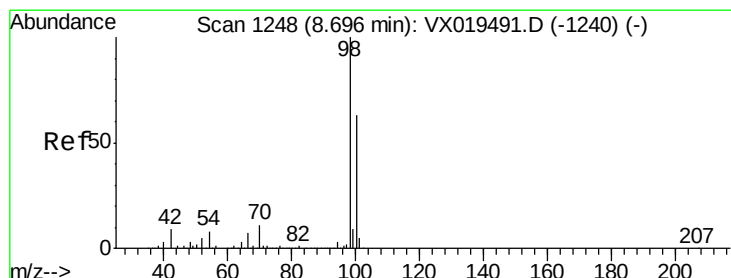
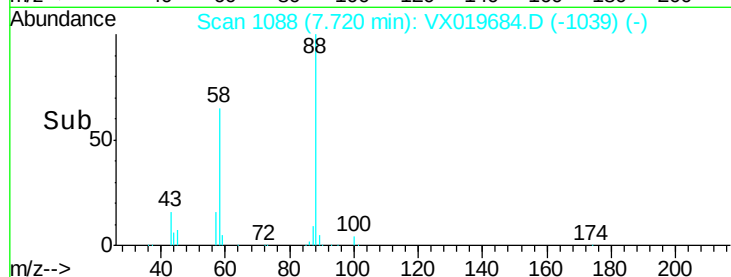
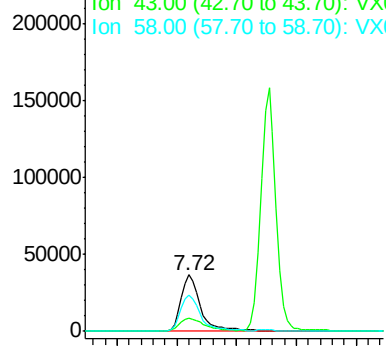
#49
 1,4-Dioxane
 Concen: 1240.051 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	83158
Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.8	35.6
58	65.9	54.2	81.2

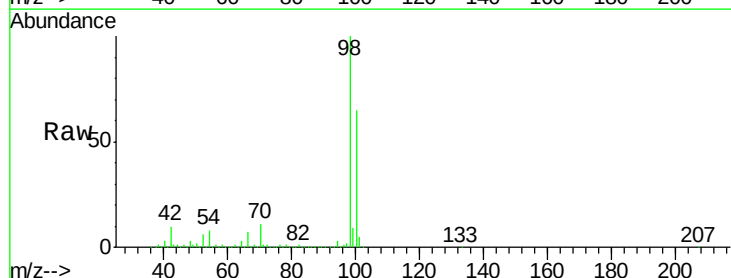


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

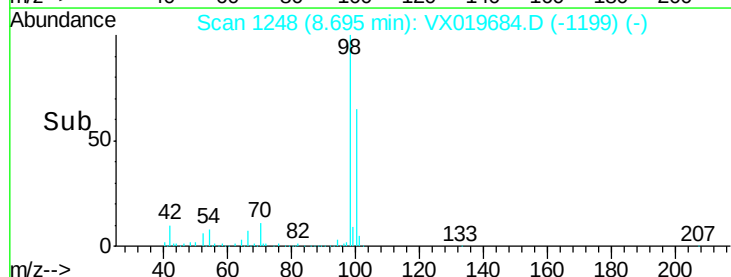
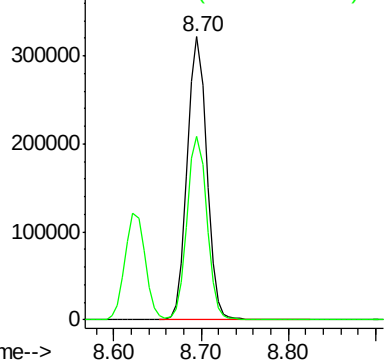


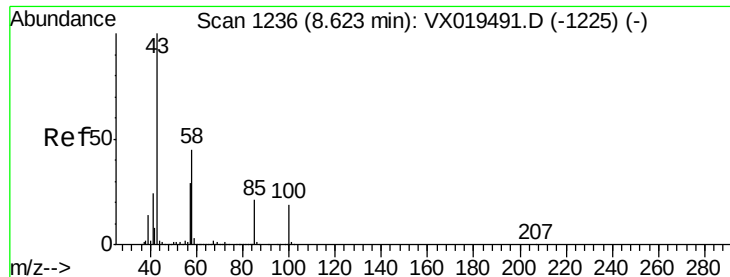
#50
 Toluene-d8
 Concen: 48.002 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion	98	Resp	499091
Ion	Ratio	Lower	Upper
98	100		
100	66.1	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: 283.143 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

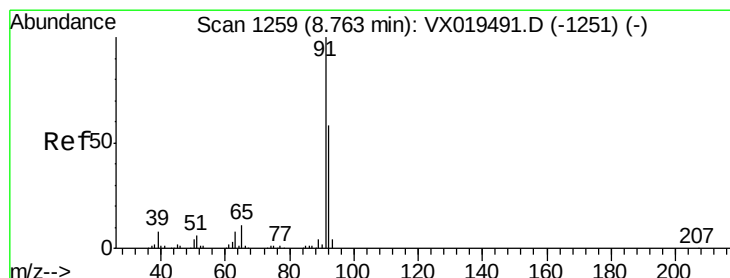
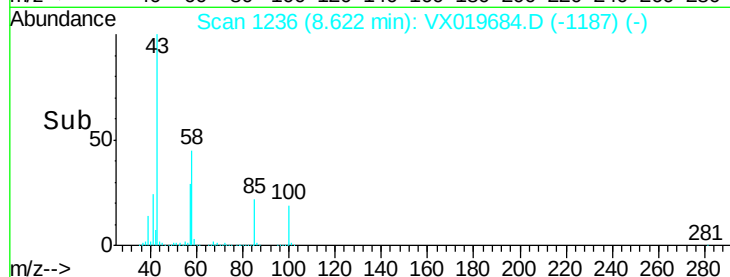
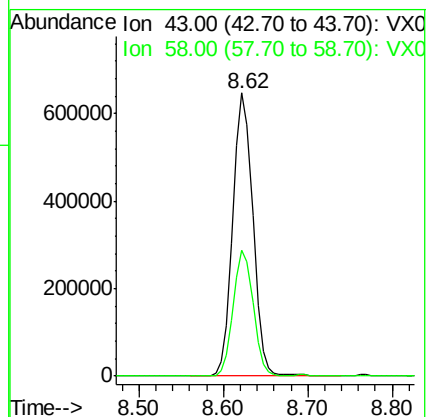
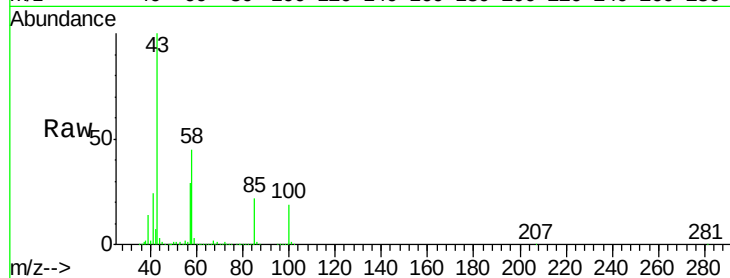
VSTDCCC050EC

Tot Ion: 43 Resp: 1041261

Ion Ratio Lower Upper

43 100

58 44.1 35.1 52.7



#52

Toluene

Concen: 49.647 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019684.D

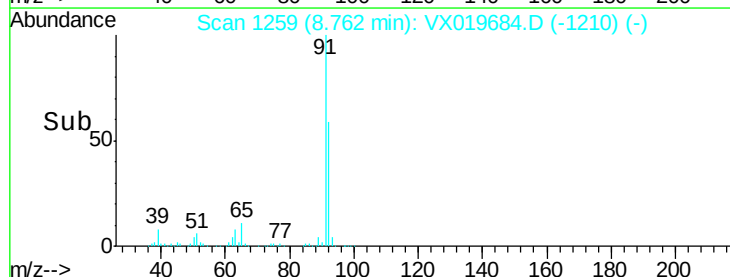
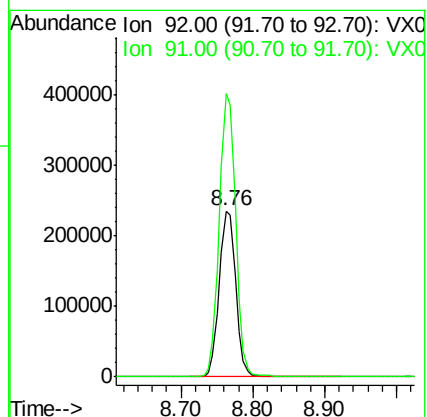
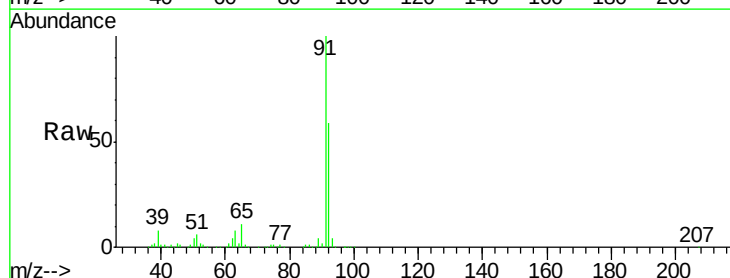
Acq: 30 Nov 2020 16:44

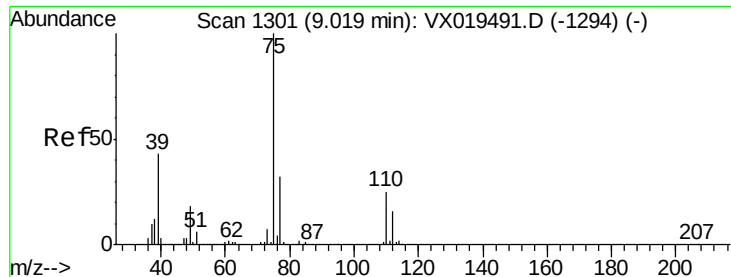
Tgt Ion: 92 Resp: 372914

Ion Ratio Lower Upper

92 100

91 169.6 138.1 207.1

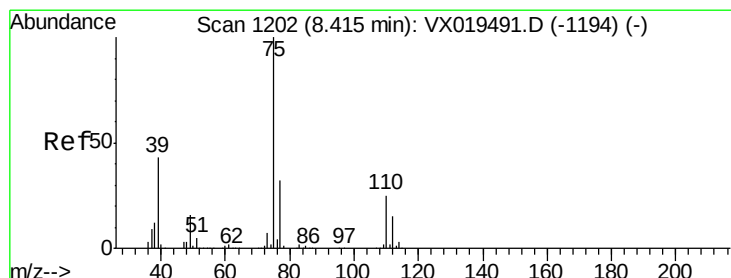
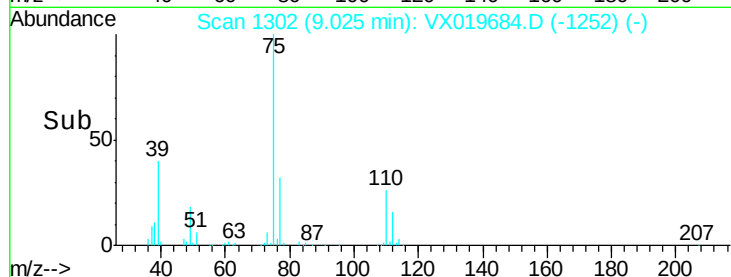
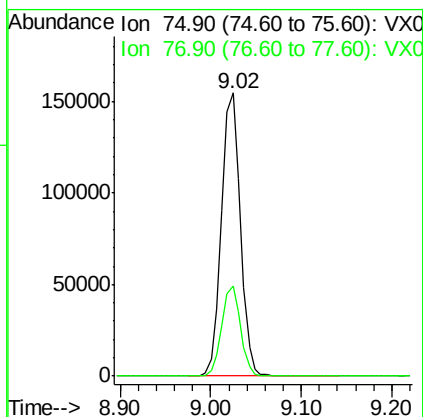
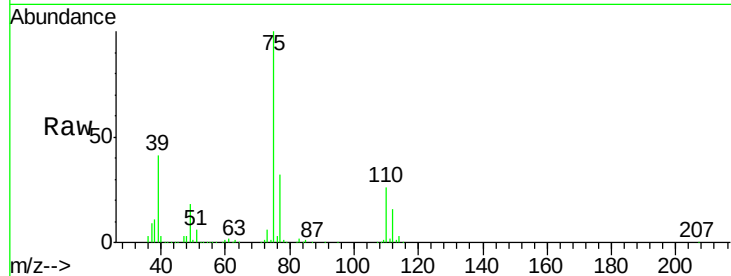




#53
 t-1,3-Dichloropropene
 Concen: 52.191 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

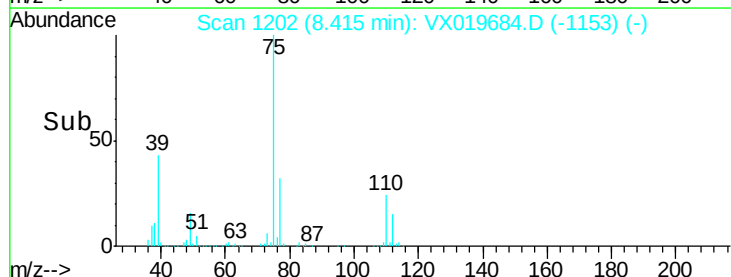
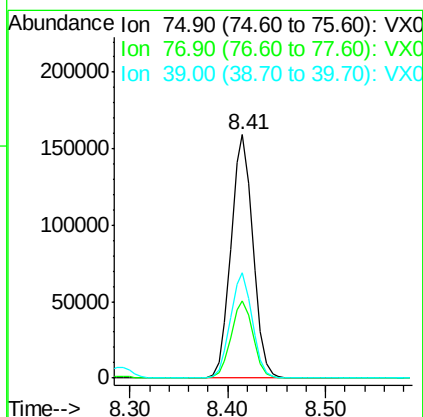
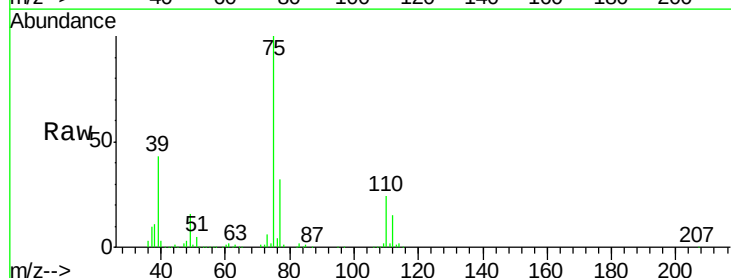
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

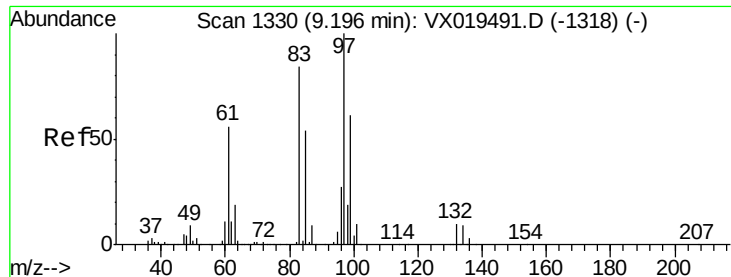
Tot Ion: 75 Resp: 226278
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.579 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 75 Resp: 248168
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6
 39 43.4 34.6 51.8

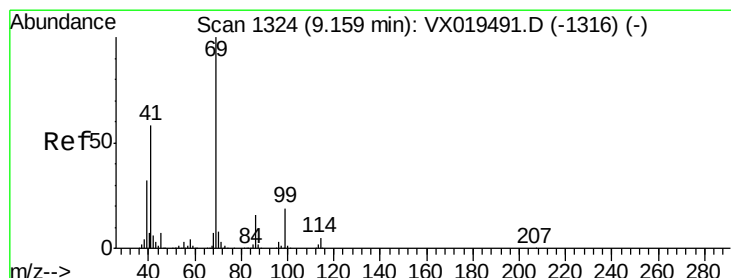
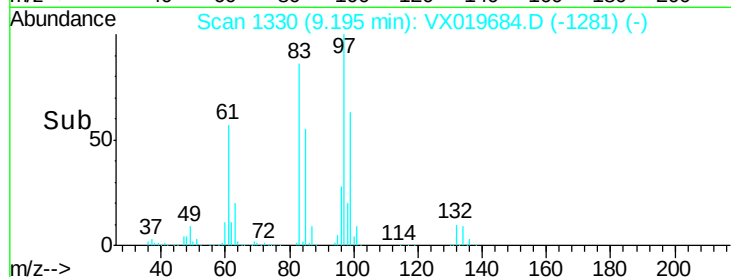
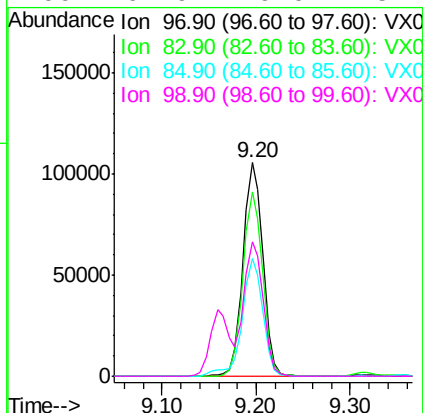
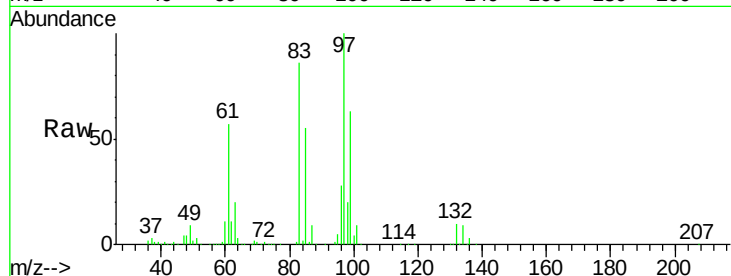




#55
 1,1,2-Trichloroethane
 Concen: 50.882 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

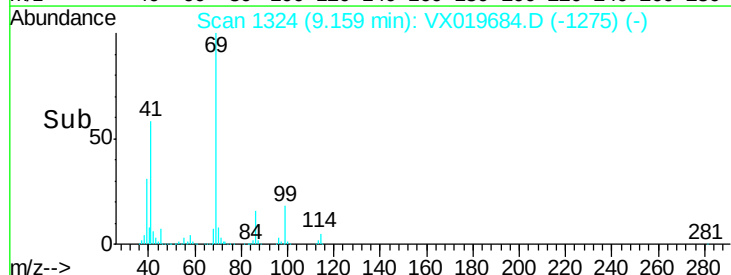
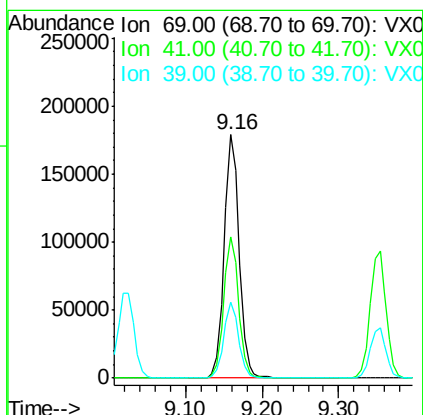
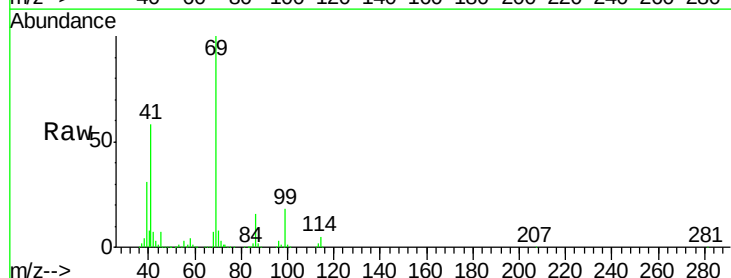
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

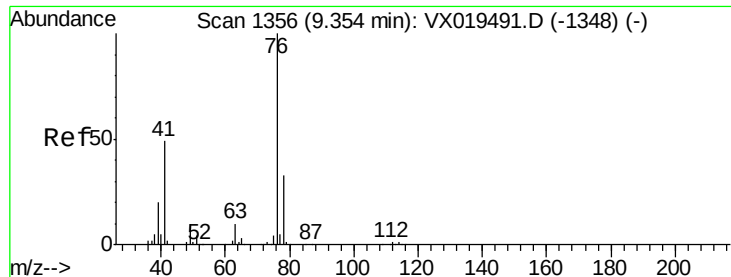
Tot Ion:	97	Resp:	155652
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	54.9	43.4	65.0
99	62.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 55.940 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion:	69	Resp:	242142
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.2	69.2
39	30.9	25.5	38.3

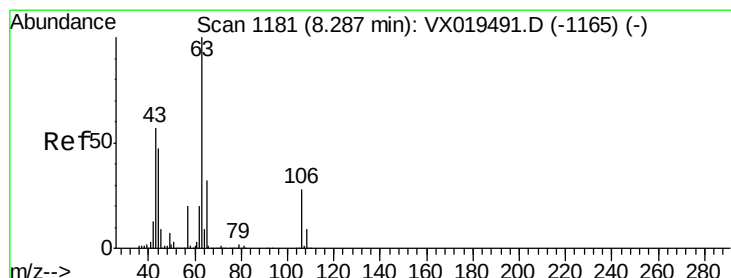
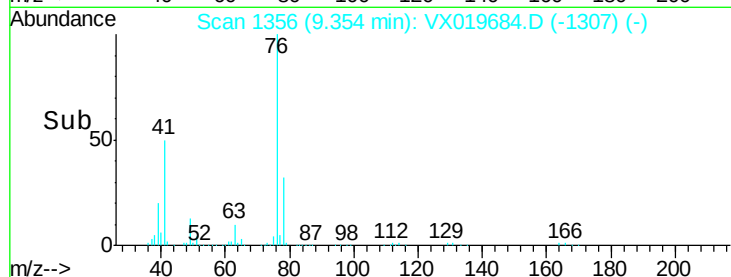
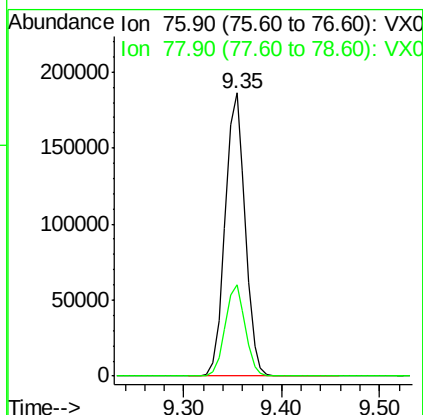
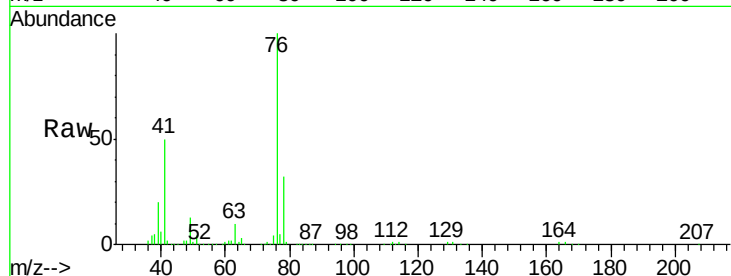




#57
 1,3-Dichloropropane
 Concen: 51.539 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

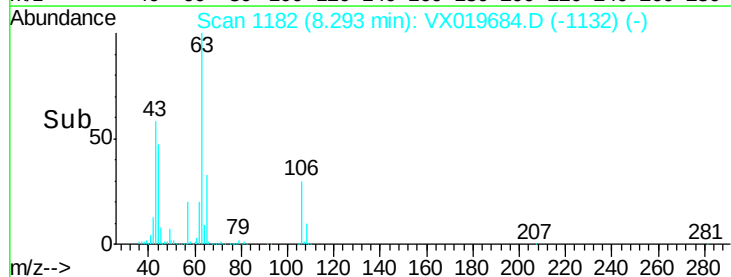
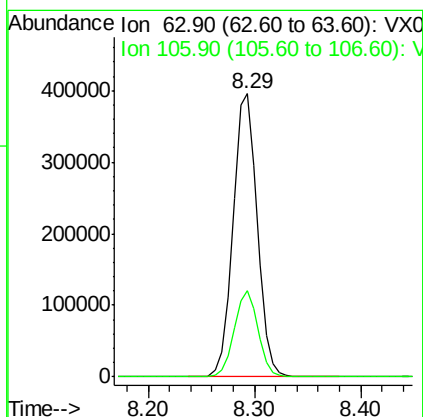
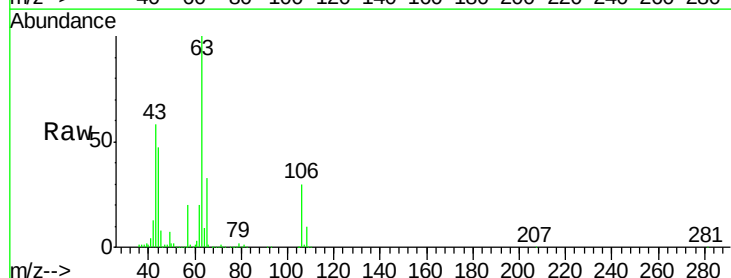
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

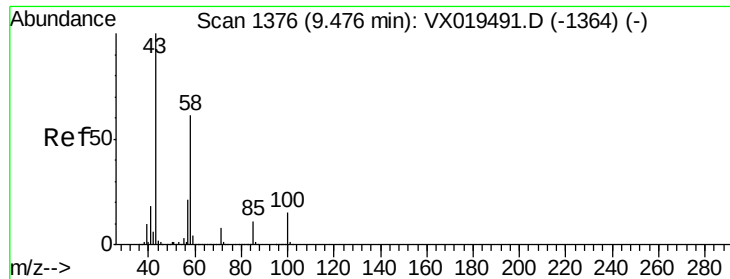
Tot Ion: 76 Resp: 263962
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.272 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 63 Resp: 629713
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.7 35.5

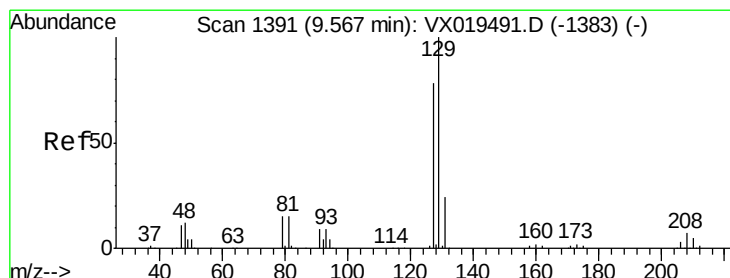
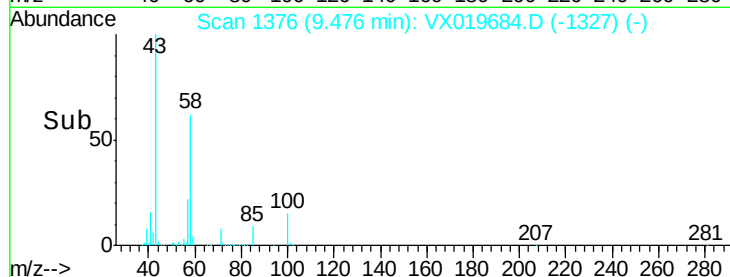
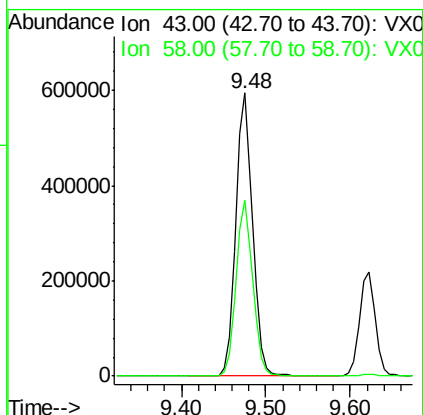
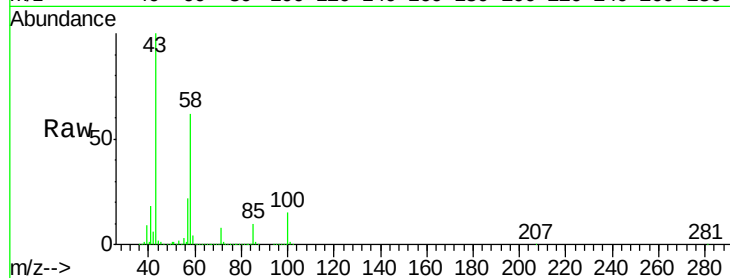




#59
2-Hexanone
Concen: 285.222 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

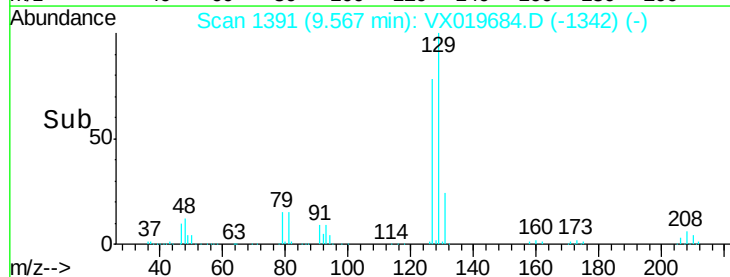
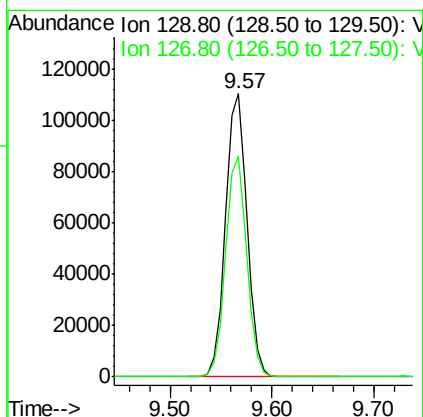
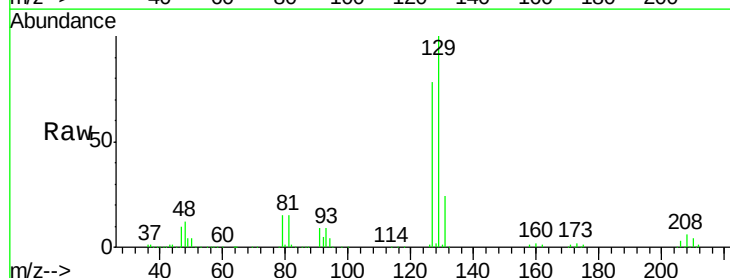
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

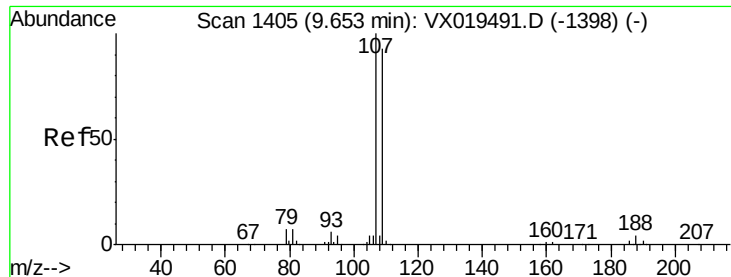
Tot Ion: 43 Resp: 795514
Ion Ratio Lower Upper
43 100
58 61.8 30.6 91.6



#60
Dibromochloromethane
Concen: 53.406 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 129 Resp: 160023
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 51.463 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

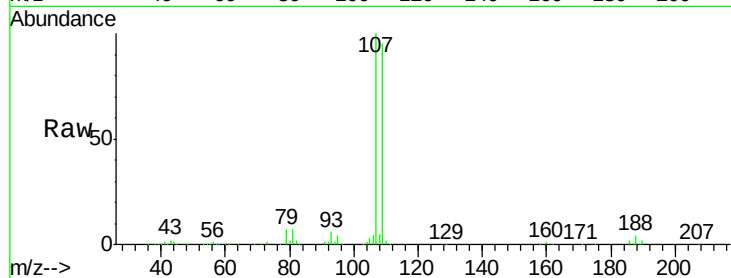
VSTDCCC050EC

Tot Ion:107 Resp: 162275

Ion Ratio Lower Upper

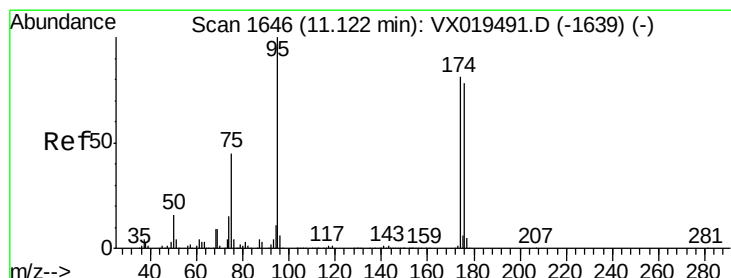
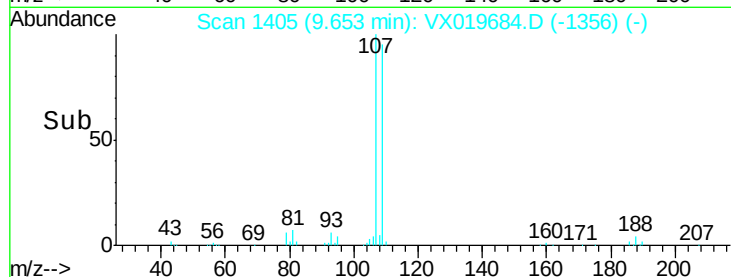
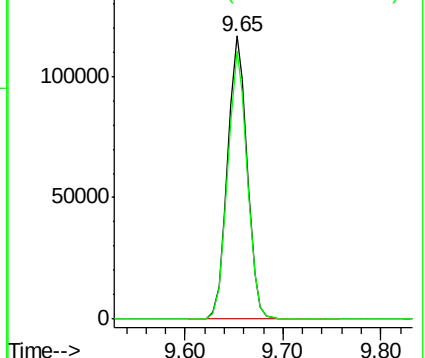
107 100

109 94.4 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.050 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

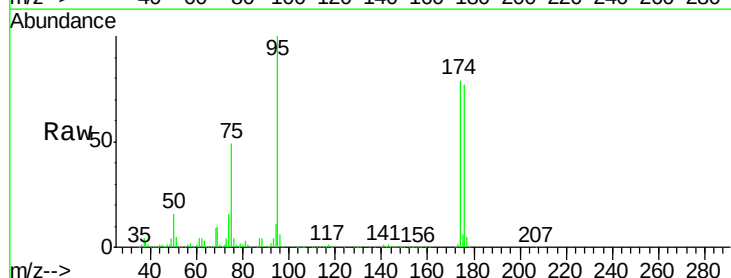
Tgt Ion: 95 Resp: 190968

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

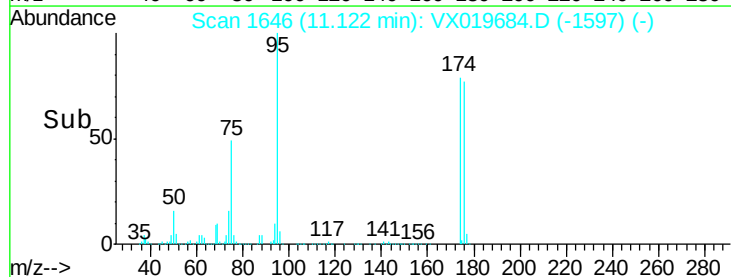
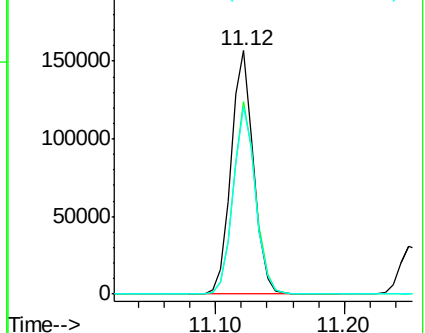
176 76.5 0.0 151.4

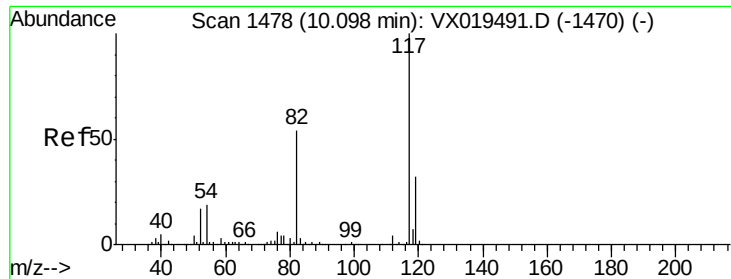


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

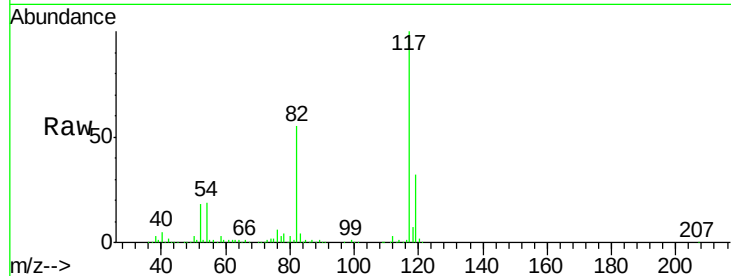




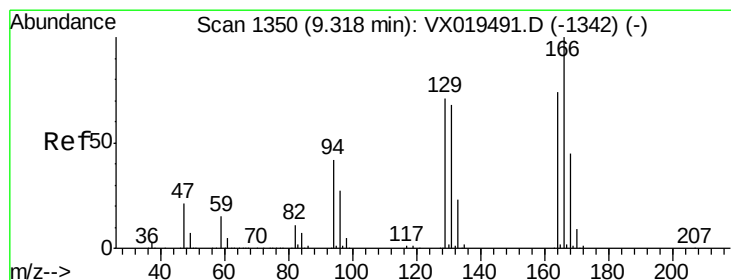
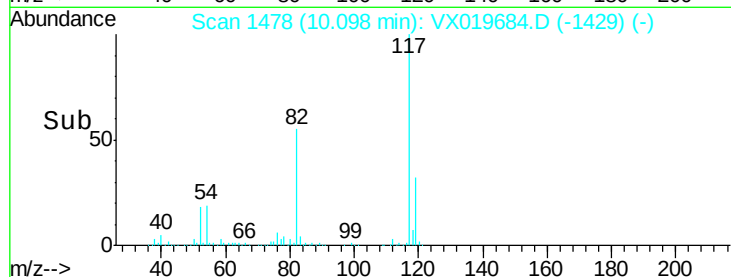
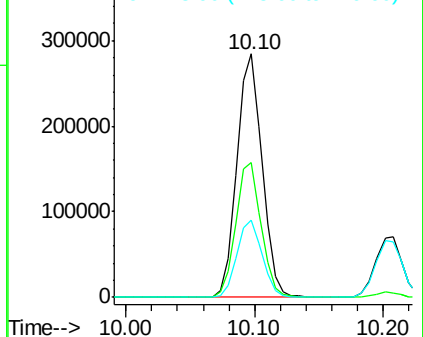
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 387034
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.9 25.6 38.4

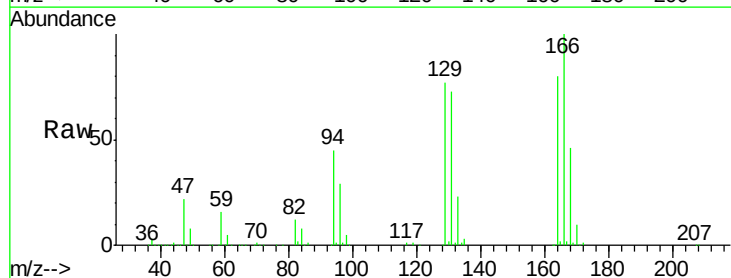


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

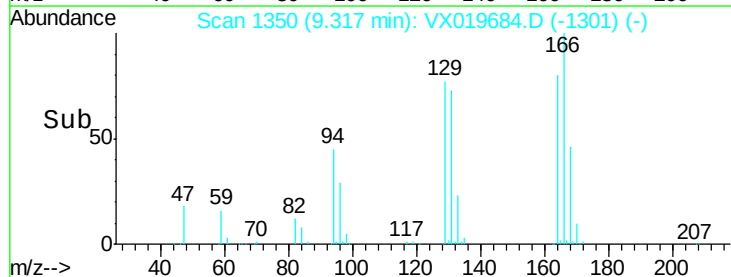
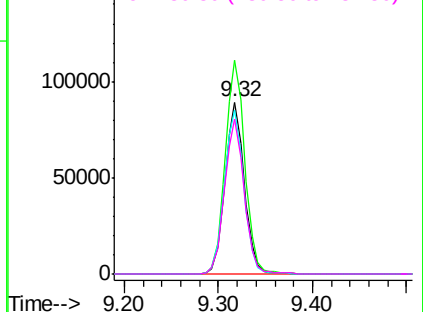


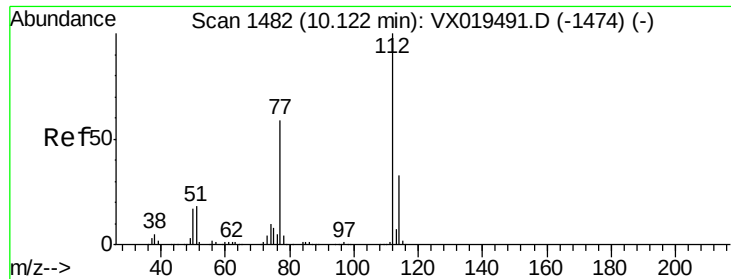
#64
Tetrachloroethene
Concen: 41.556 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion:164 Resp: 126424
Ion Ratio Lower Upper
164 100
166 124.4 107.4 161.0
129 95.3 76.6 114.8
131 90.5 72.6 108.8



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

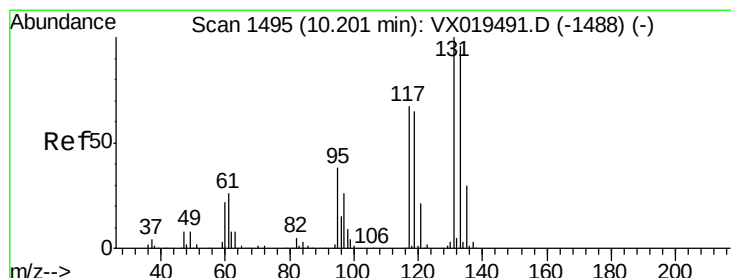
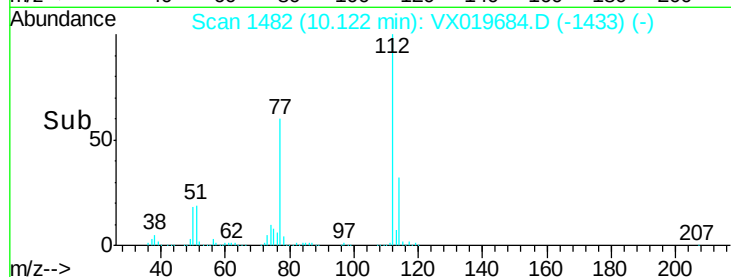
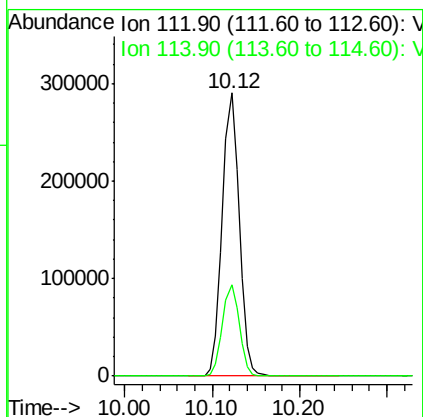
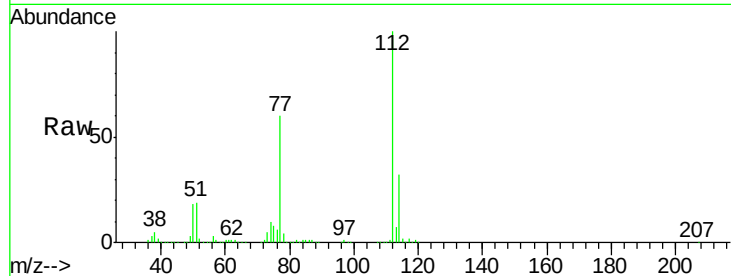




#65
Chlorobenzene
Concen: 49.118 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

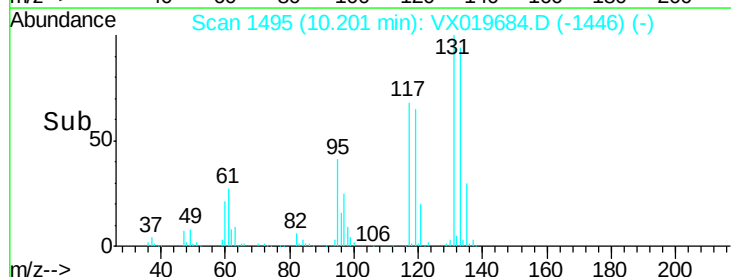
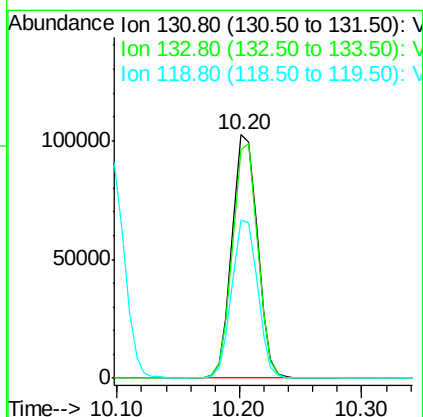
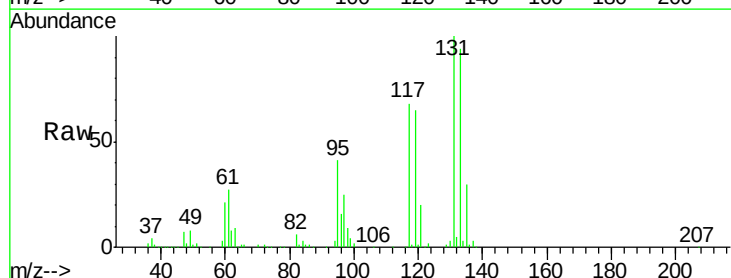
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

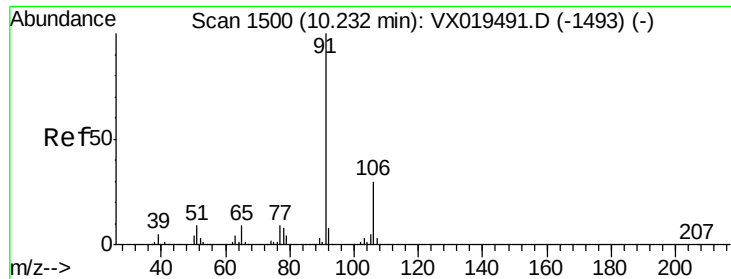
Tot Ion:112 Resp: 390860
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.888 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion:131 Resp: 147293
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.5
119 65.6 33.0 99.0

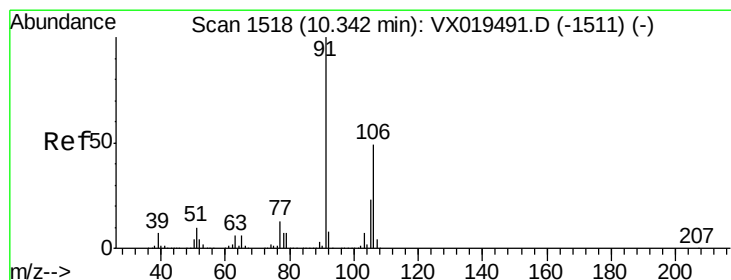
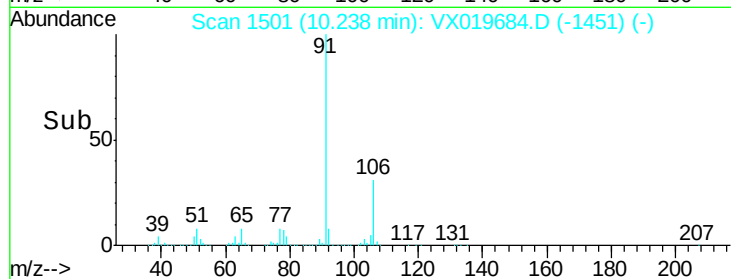
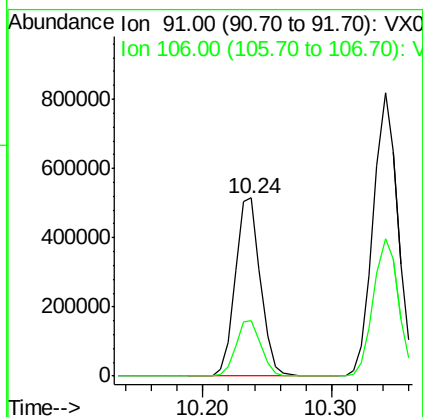
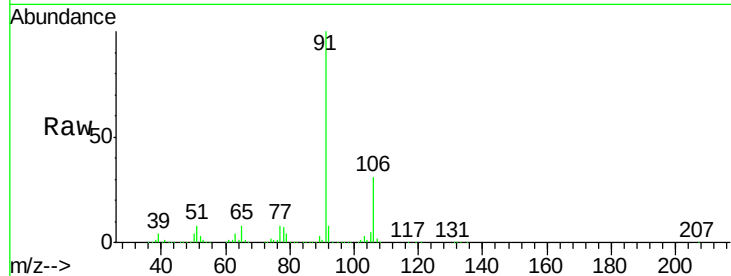




#67
Ethyl Benzene
Concen: 50.323 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

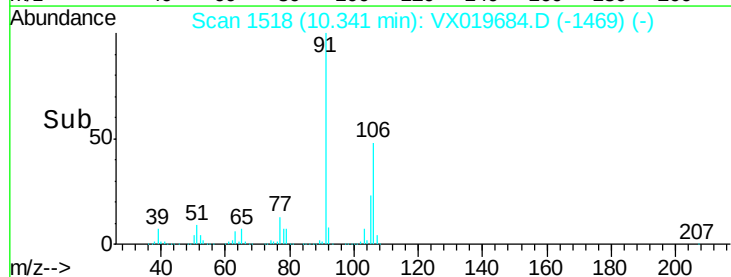
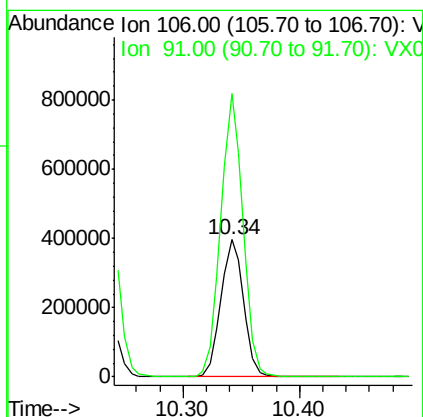
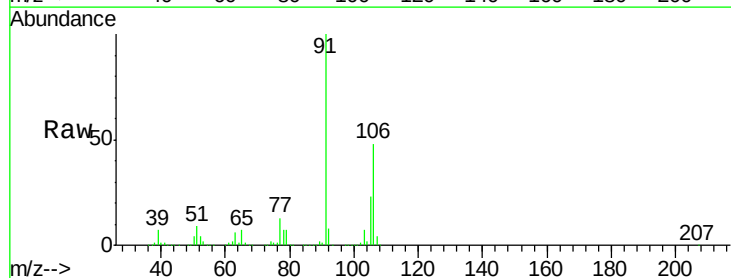
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

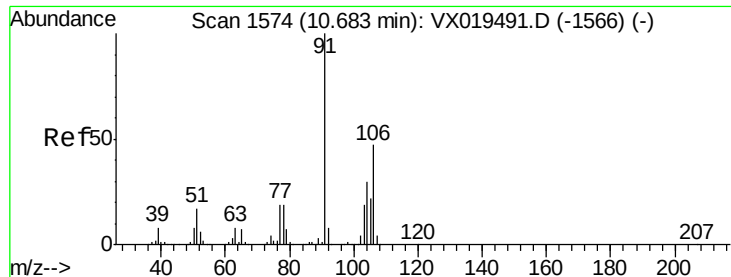
Tot Ion: 91 Resp: 701512
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 102.433 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 106 Resp: 532001
Ion Ratio Lower Upper
106 100
91 201.7 163.3 244.9

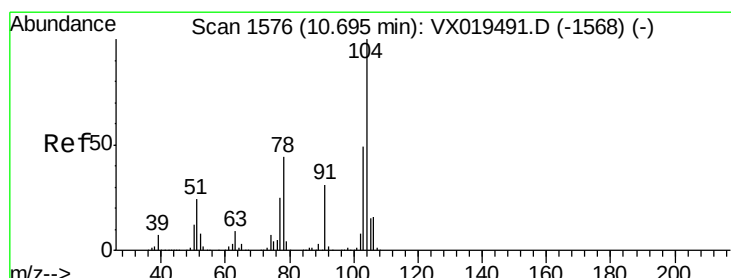
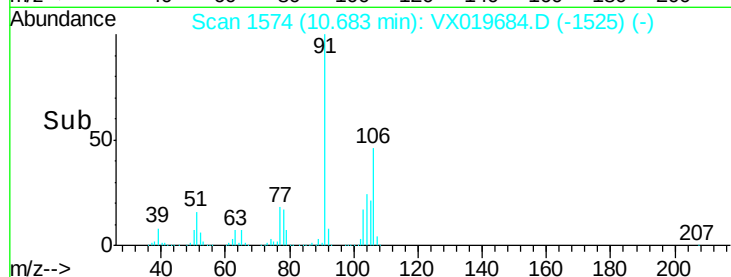
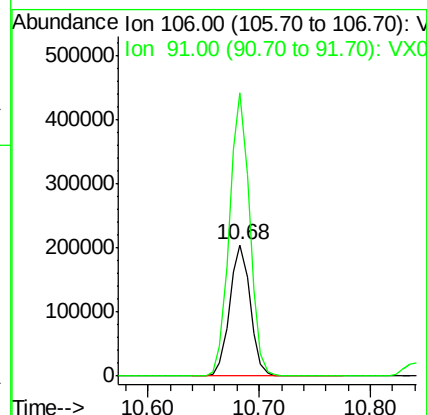
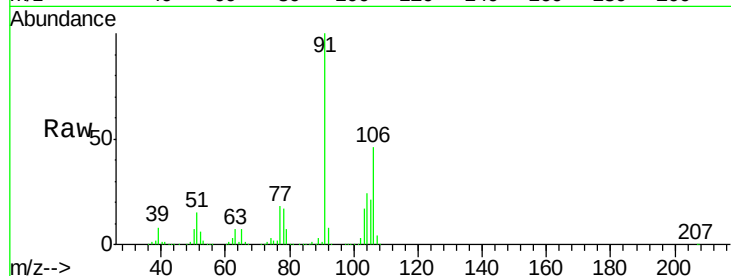




#69
o-Xylene
Concen: 52.639 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

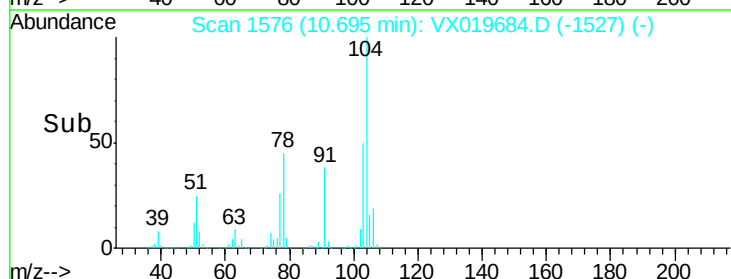
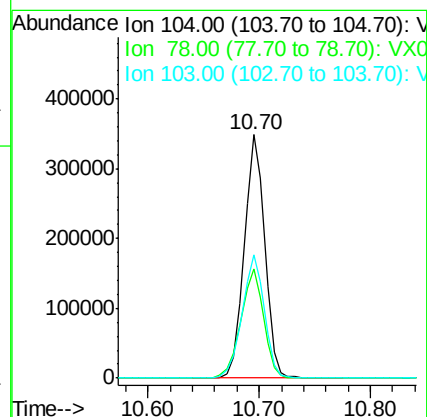
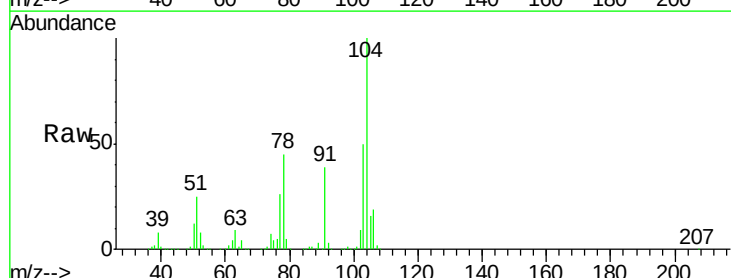
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

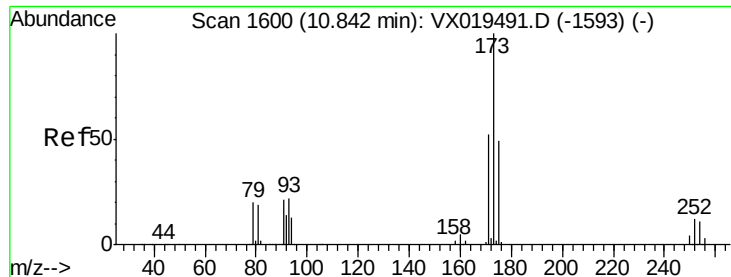
Tot Ion:106 Resp: 261341
Ion Ratio Lower Upper
106 100
91 212.9 108.0 324.0



#70
Styrene
Concen: 48.454 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion:104 Resp: 444817
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.5 43.6 65.4





#71

Bromoform

Concen: 48.314 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

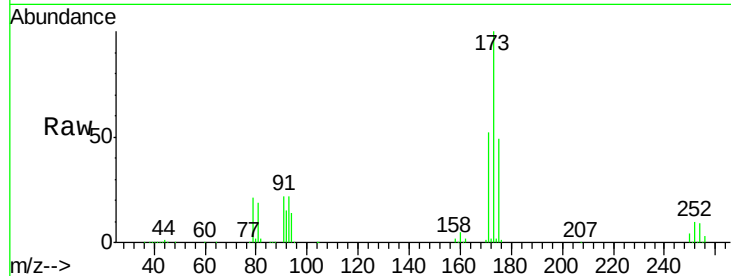
Tot Ion:173 Resp: 118143

Ion Ratio Lower Upper

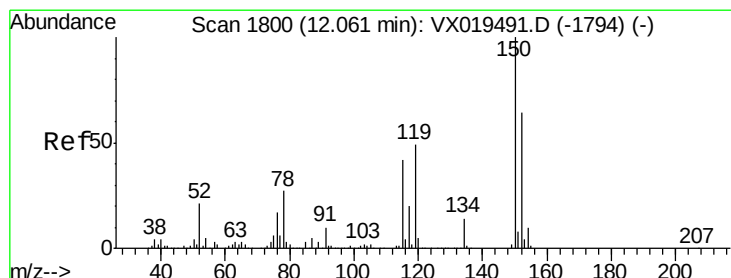
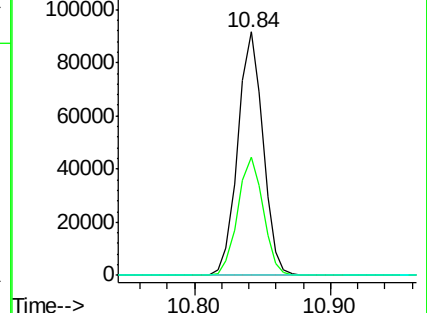
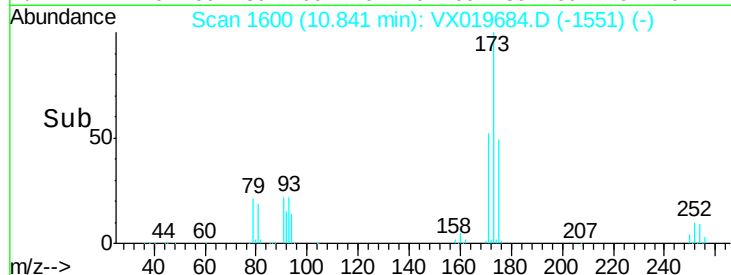
173 100

175 49.2 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: VX019684.D

Acq: 30 Nov 2020 16:44

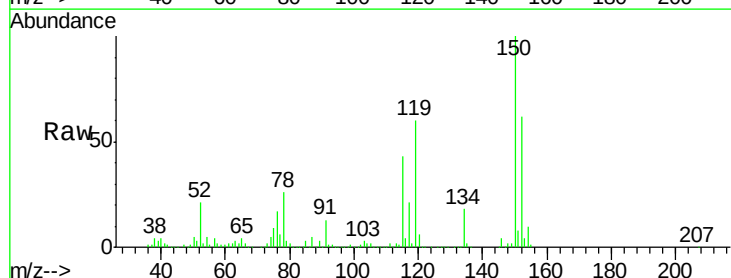
Tgt Ion:152 Resp: 196323

Ion Ratio Lower Upper

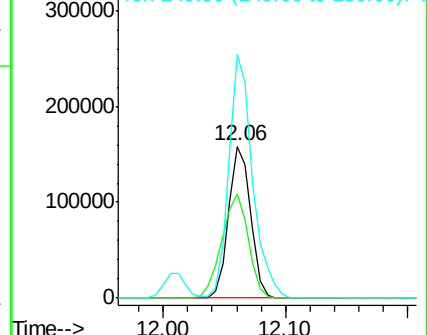
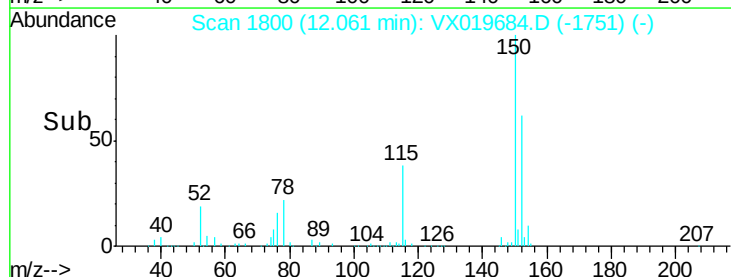
152 100

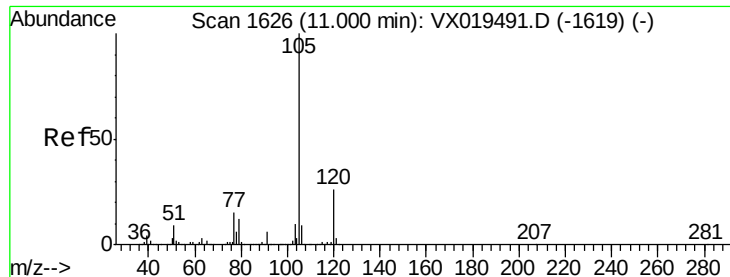
115 83.2 41.8 125.4

150 172.6 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: 50.936 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

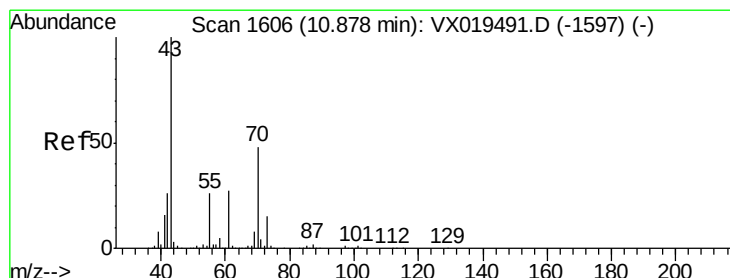
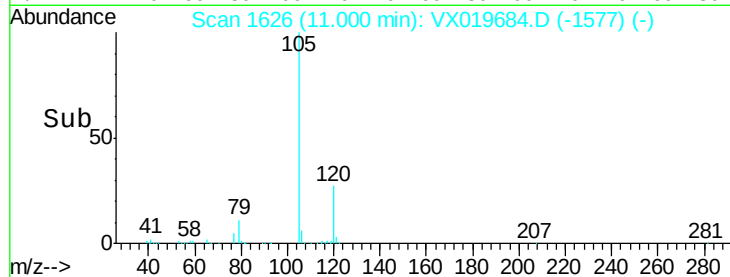
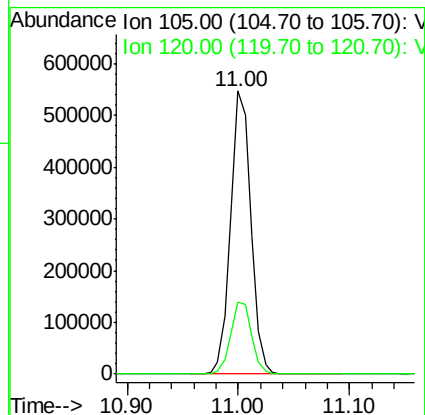
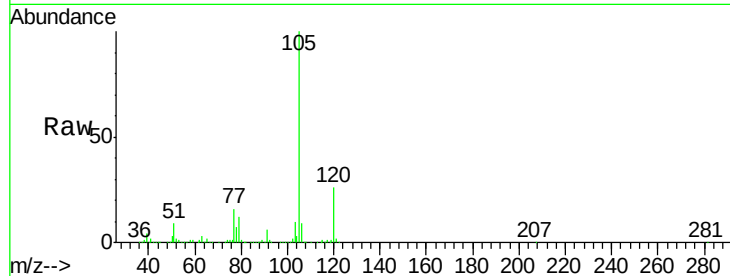
VSTDCCC050EC

Tot Ion:105 Resp: 691778

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 56.520 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion: 43 Resp: 287636

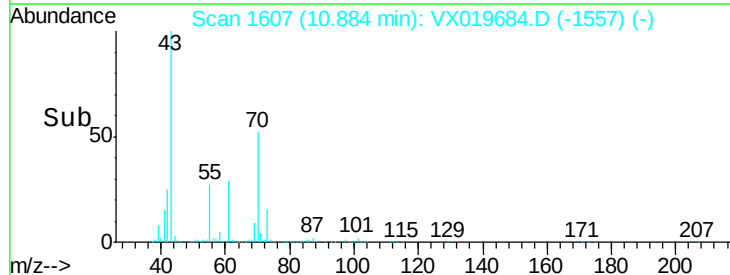
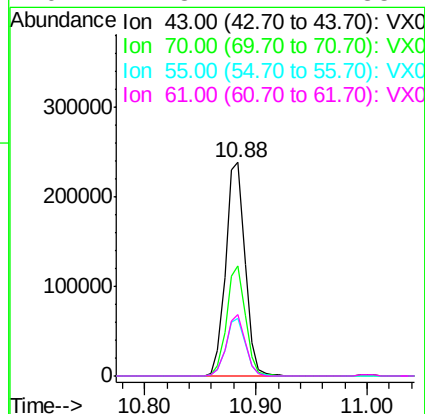
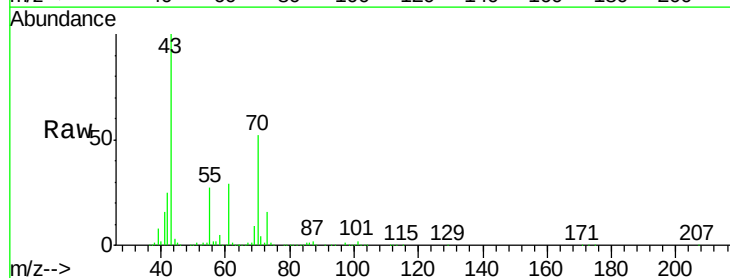
Ion Ratio Lower Upper

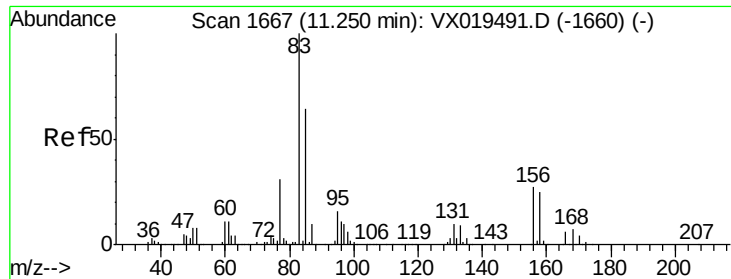
43 100

70 50.2 39.7 59.5

55 27.1 21.8 32.6

61 27.8 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.931 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

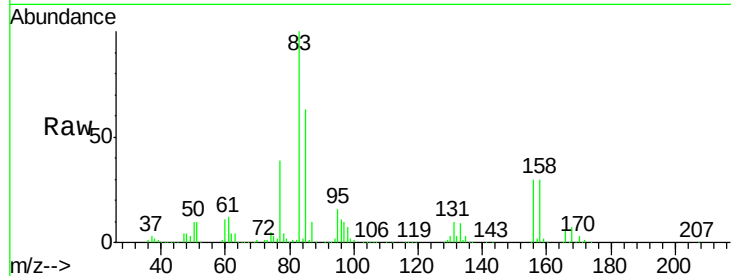
Tot Ion: 83 Resp: 257071

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

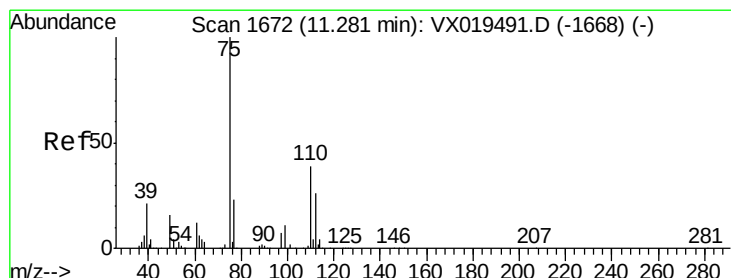
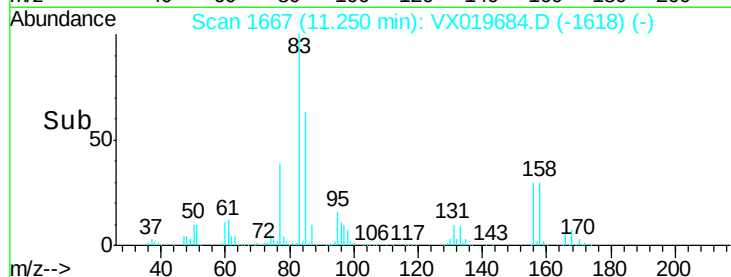
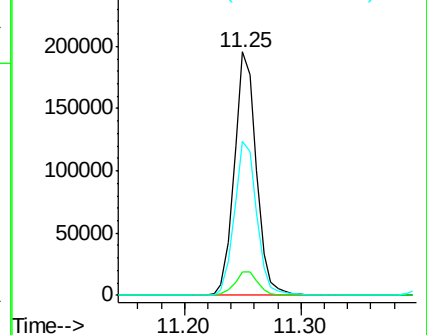
85 64.5 32.4 97.2



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: 67.047 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019684.D

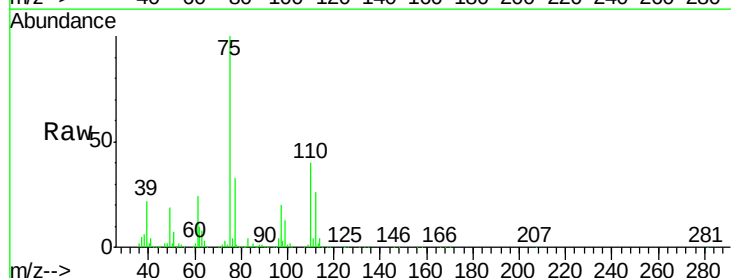
Acq: 30 Nov 2020 16:44

Tgt Ion: 75 Resp: 287259

Ion Ratio Lower Upper

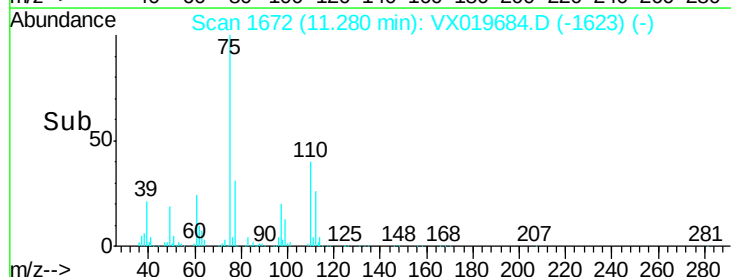
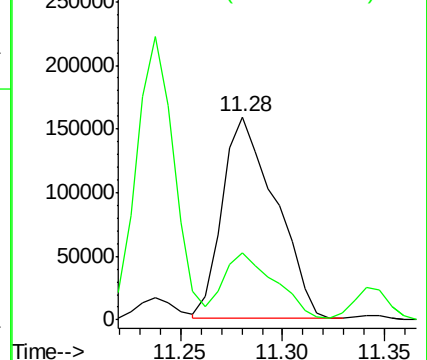
75 100

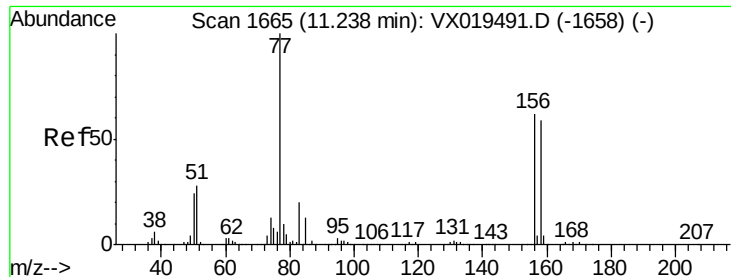
77 32.2 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.842 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

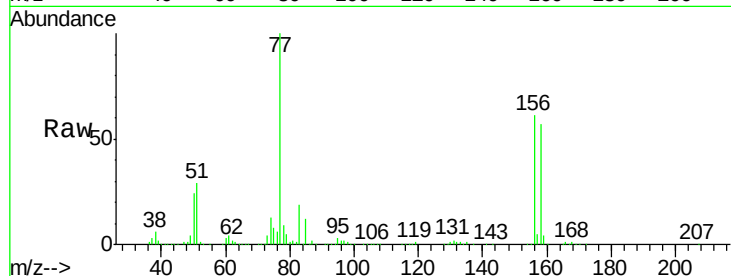
Tot Ion:156 Resp: 176271

Ion Ratio Lower Upper

156 100

77 162.4 82.5 247.3

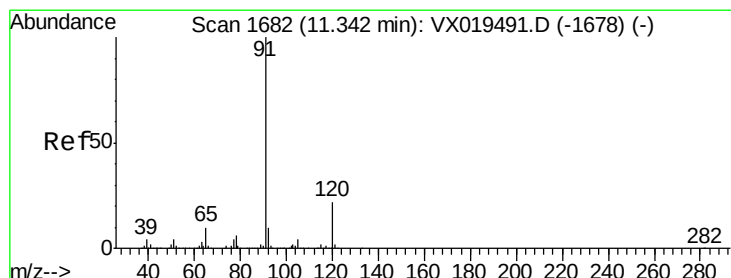
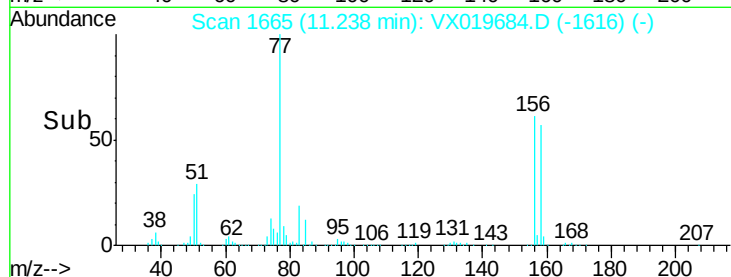
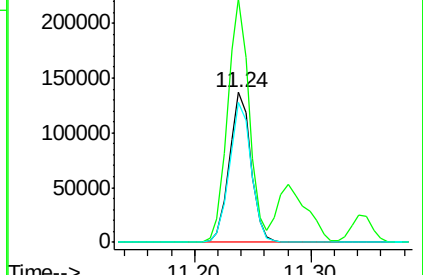
158 94.3 48.9 146.7



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: 49.847 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019684.D

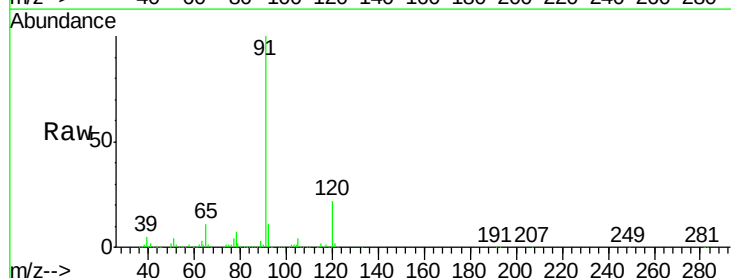
Acq: 30 Nov 2020 16:44

Tgt Ion: 91 Resp: 776620

Ion Ratio Lower Upper

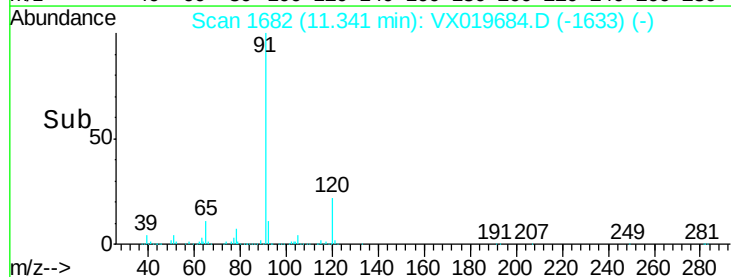
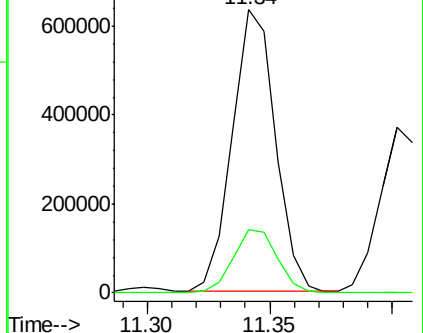
91 100

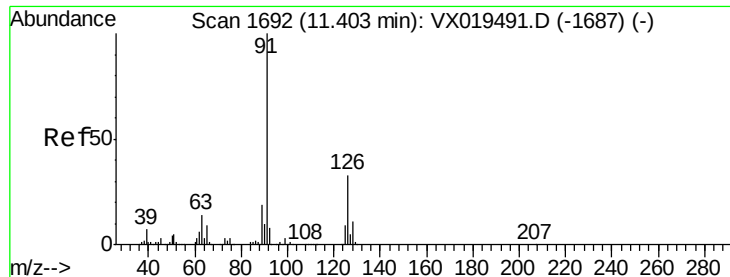
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.168 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

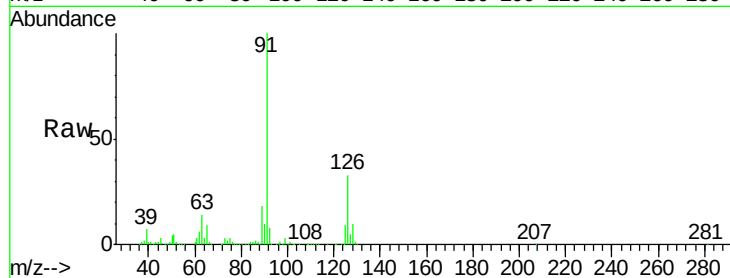
VSTDCCC050EC

Tot Ion: 91 Resp: 474029

Ion Ratio Lower Upper

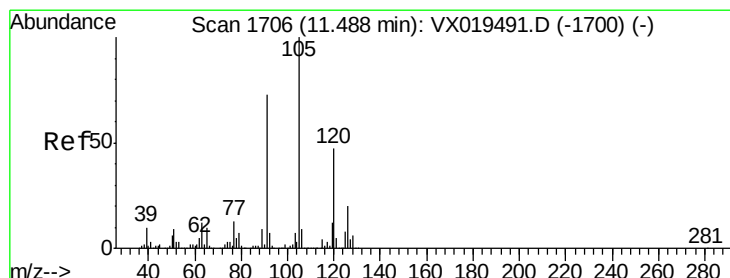
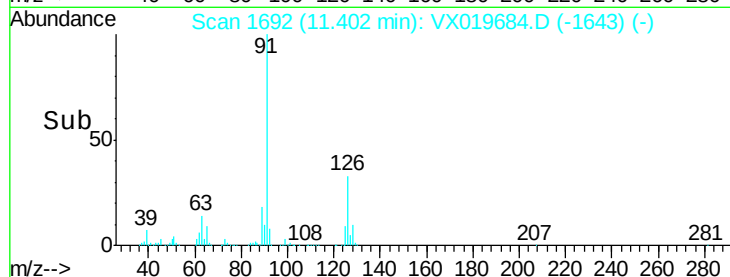
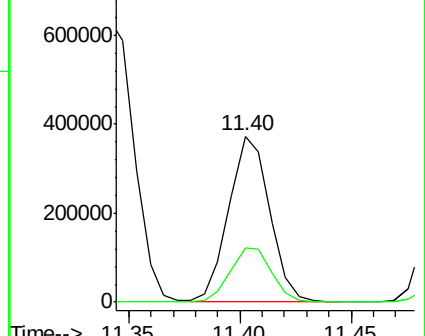
91 100

126 34.0 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.706 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019684.D

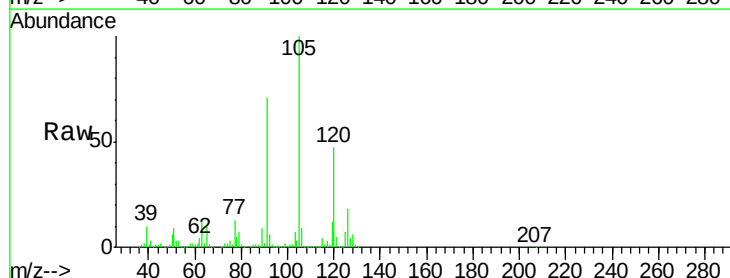
Acq: 30 Nov 2020 16:44

Tgt Ion: 105 Resp: 589088

Ion Ratio Lower Upper

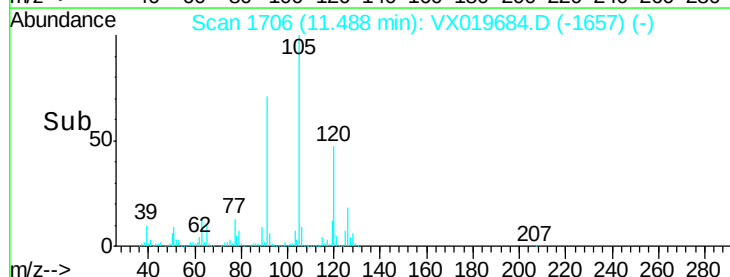
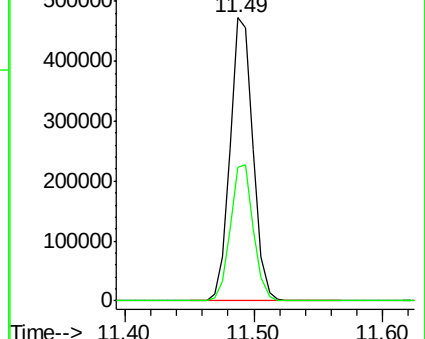
105 100

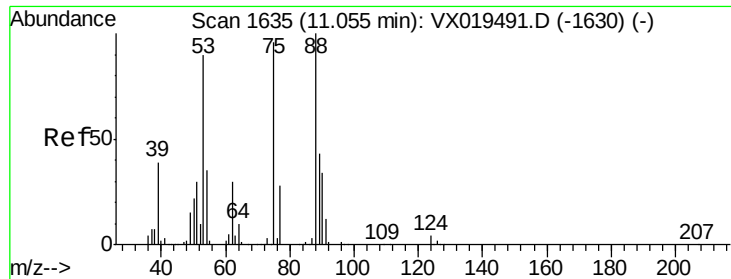
120 48.5 24.1 72.3



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

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

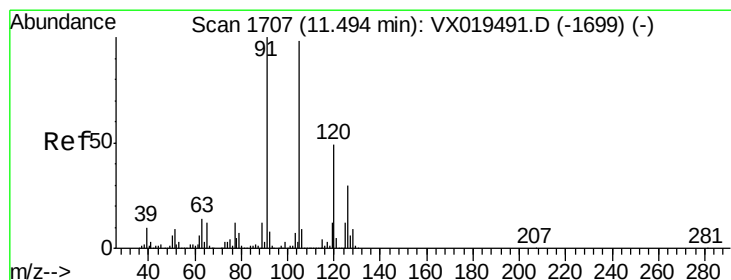
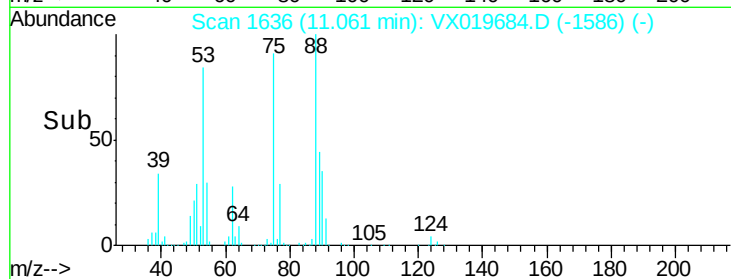
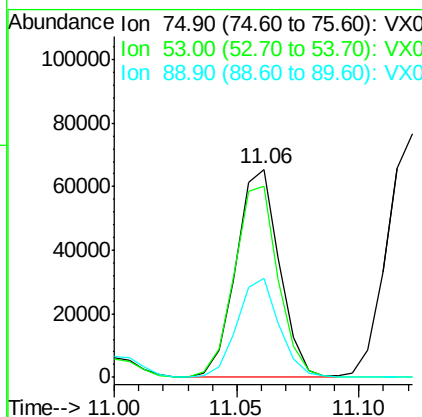
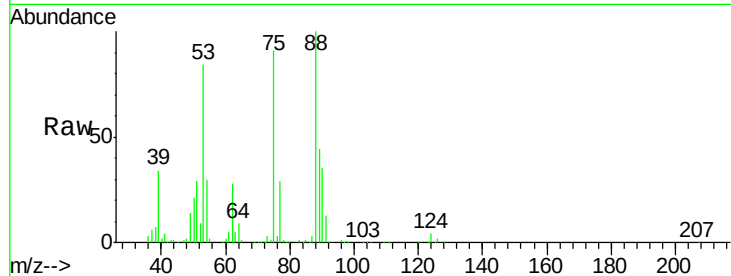




#81
trans-1,4-Dichloro-2-butene
Concen: 50.403 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

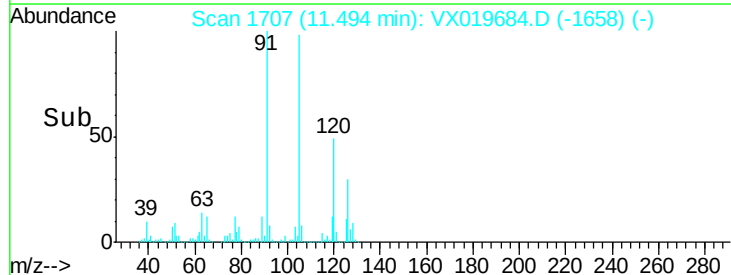
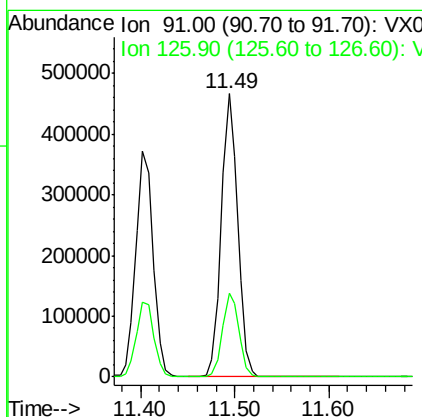
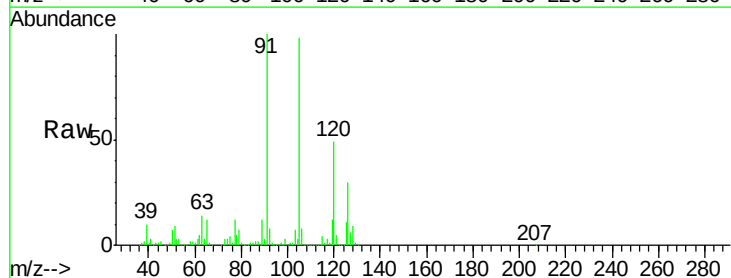
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

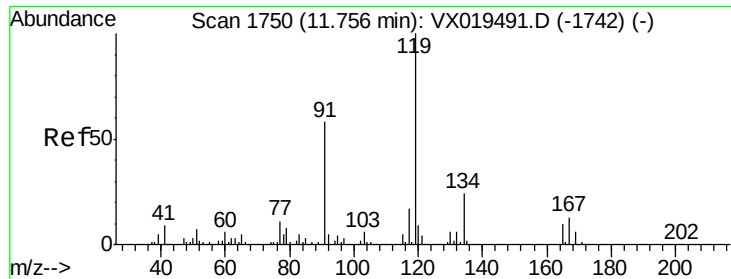
Tot Ion: 75 Resp: 80013
Ion Ratio Lower Upper
75 100
53 92.8 73.9 110.9
89 46.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.702 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 91 Resp: 563964
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.7

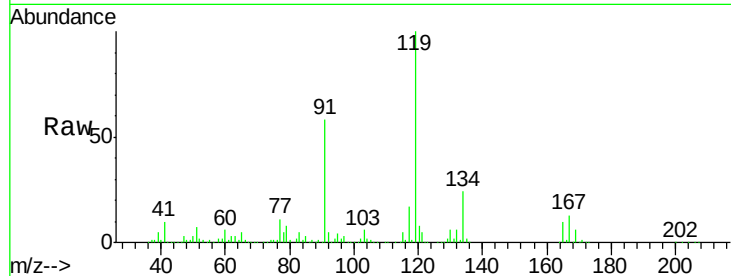




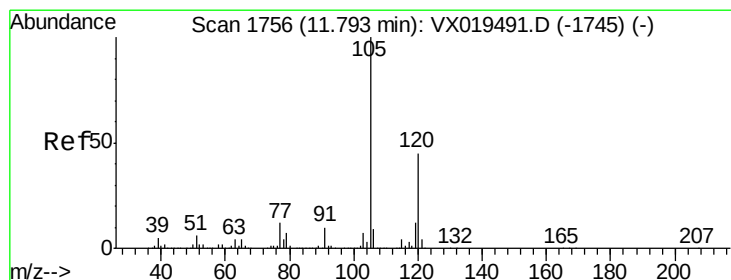
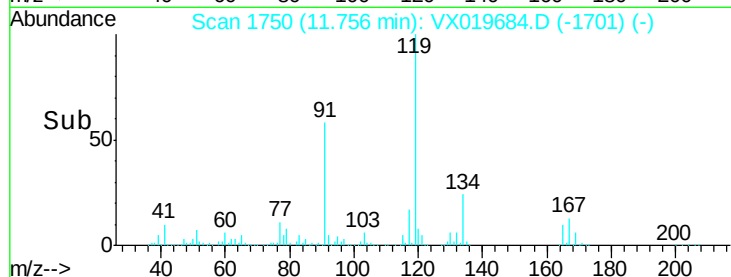
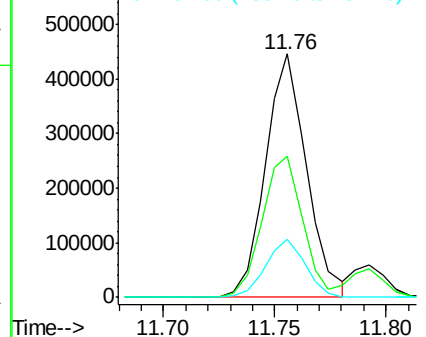
#83
 tert-Butylbenzene
 Concen: 51.709 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 569948
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.9 86.8
 134 23.1 11.7 35.0

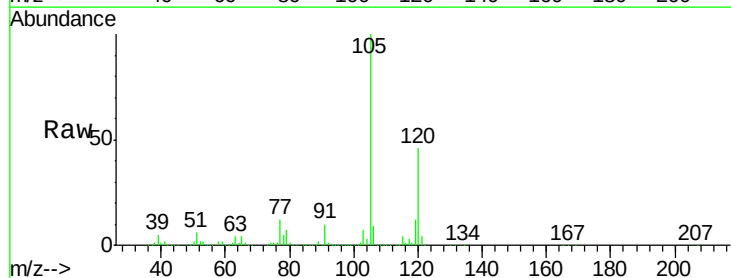


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

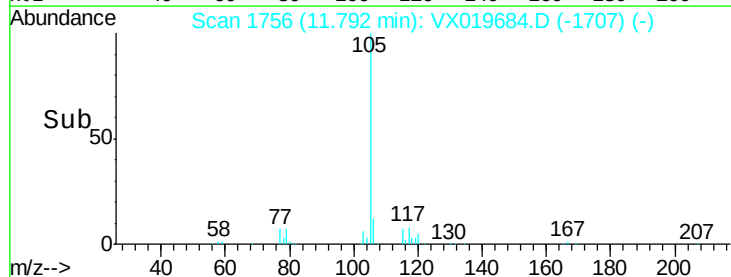
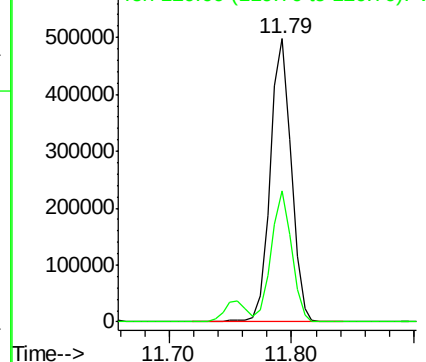


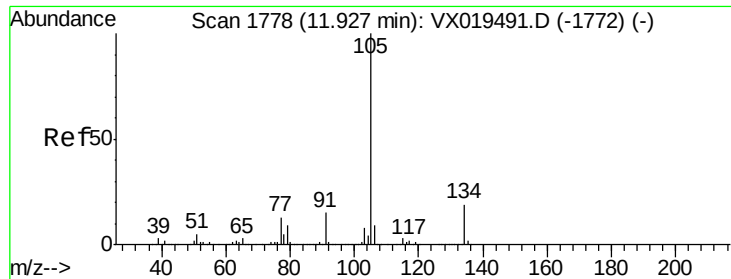
#84
 1,2,4-Trimethylbenzene
 Concen: 51.744 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion:105 Resp: 596482
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.595 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

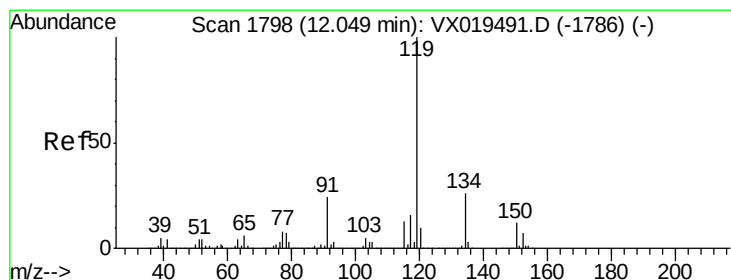
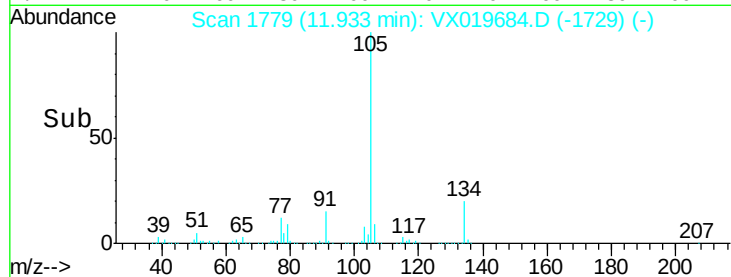
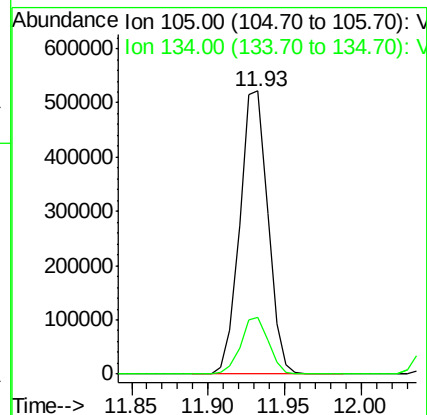
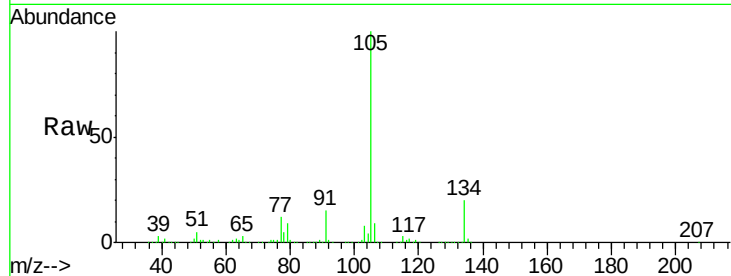
VSTDCCC050EC

Tot Ion:105 Resp: 663431

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.456 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

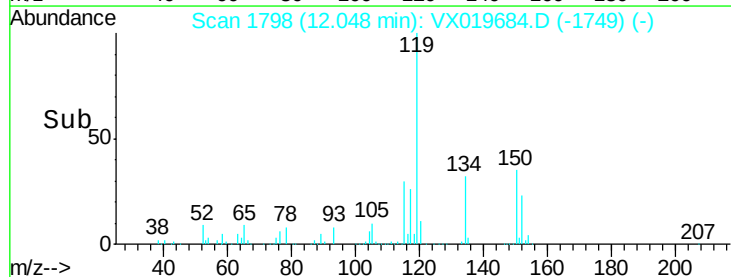
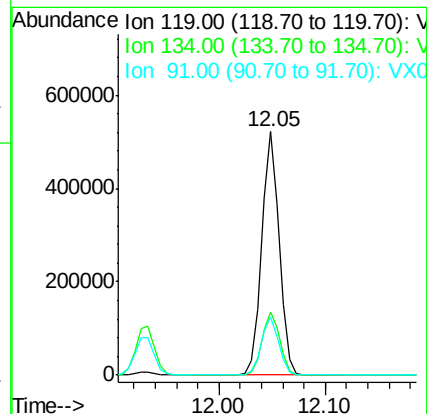
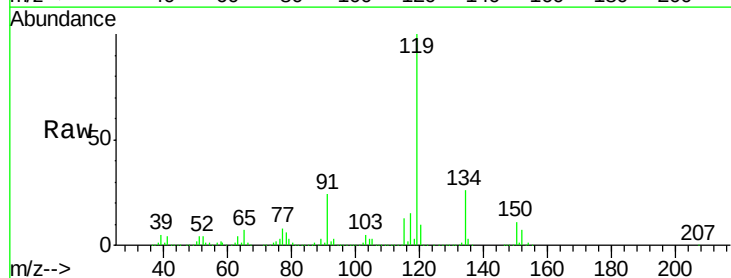
Tgt Ion:119 Resp: 600693

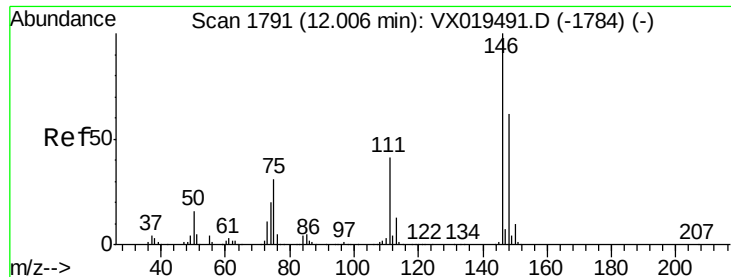
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.7 11.8 35.4

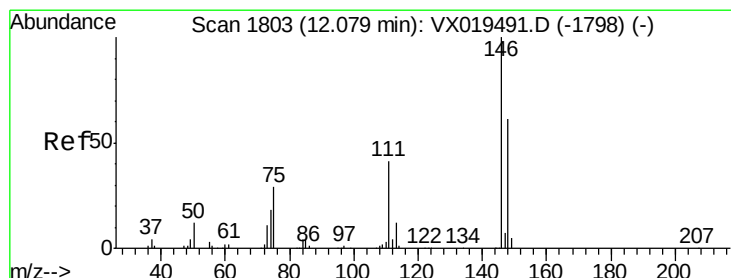
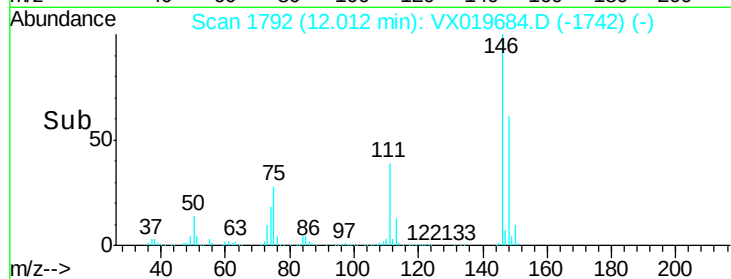
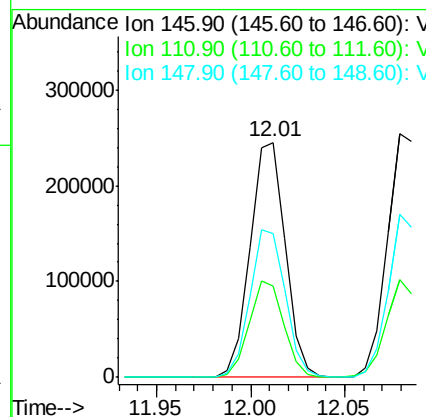
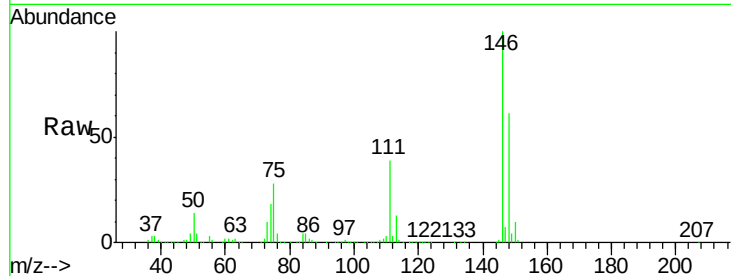




#87
 1,3-Dichlorobenzene
 Concen: 49.918 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

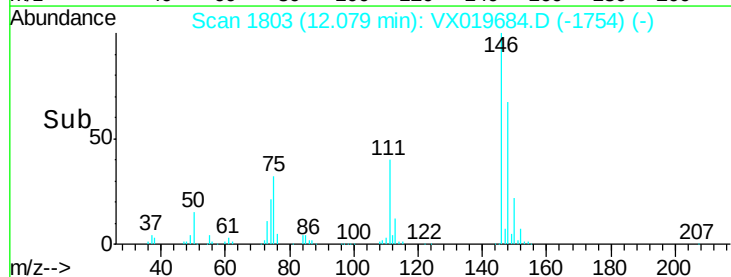
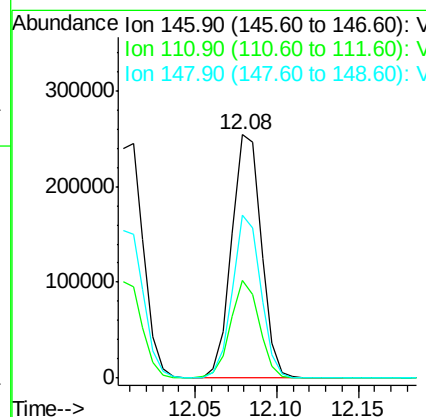
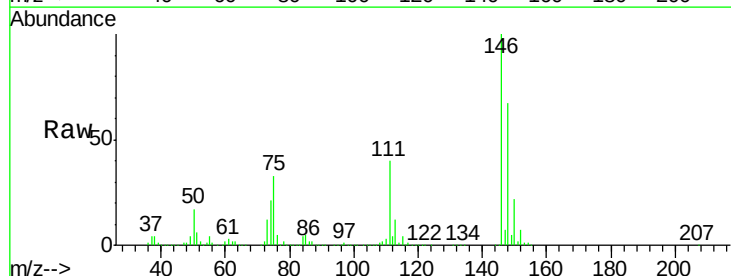
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

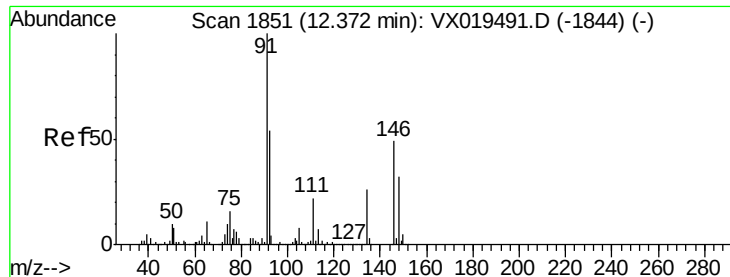
Tot Ion:146 Resp: 317839
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 63.0 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.066 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion:146 Resp: 321805
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.6
 148 63.9 31.7 95.1

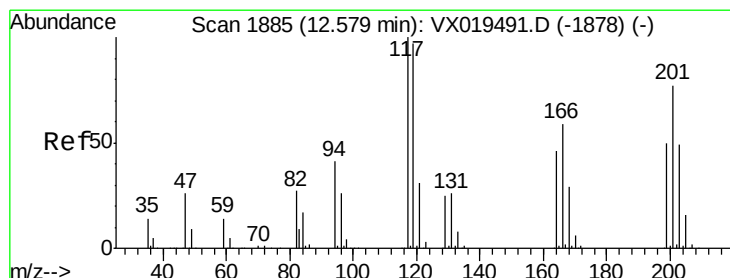
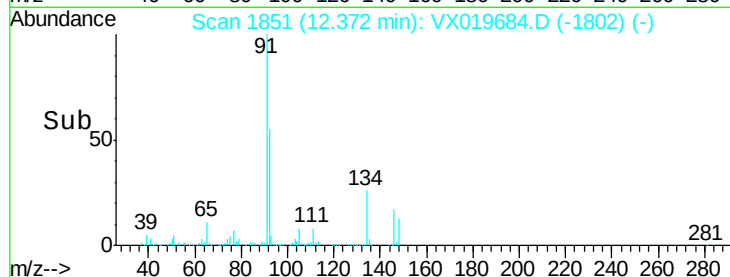
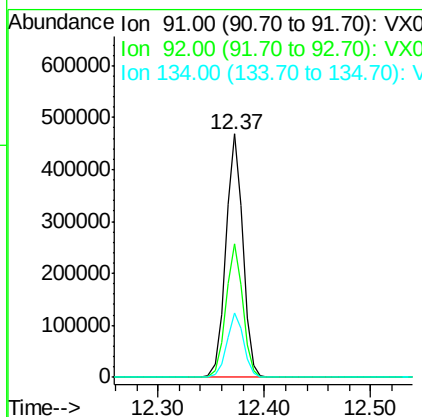
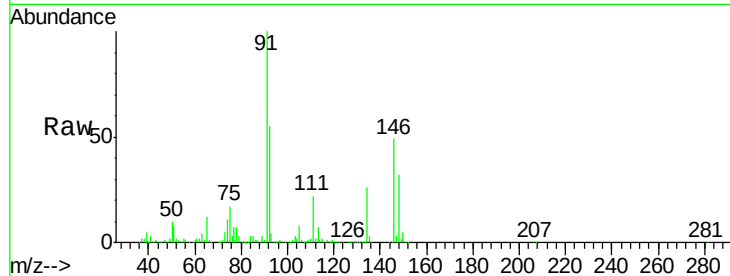




#89
n-Butylbenzene
Concen: 48.500 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

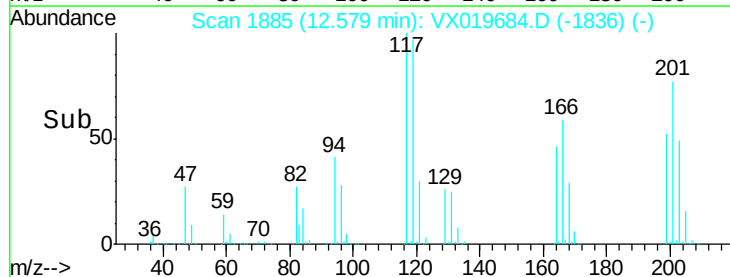
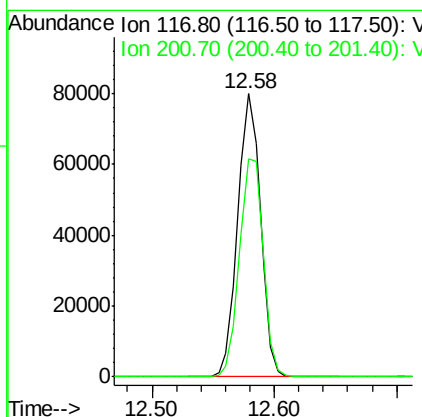
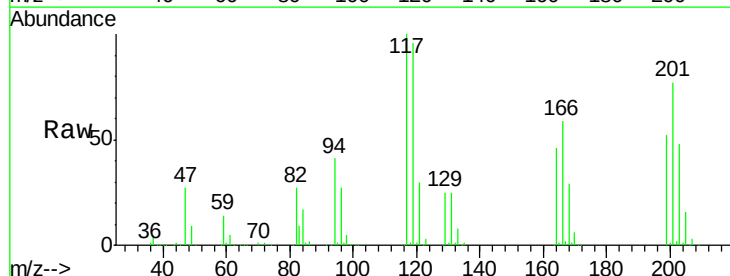
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

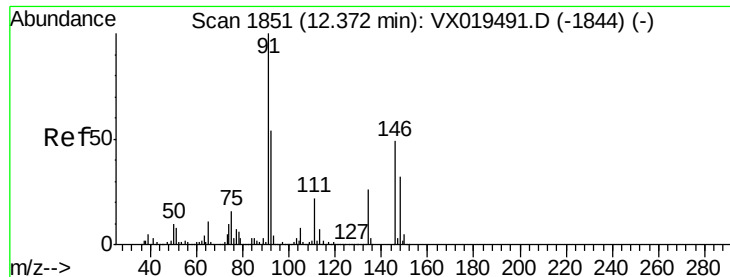
Tot Ion: 91 Resp: 522002
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.6
134 26.1 12.9 38.6



#90
Hexachloroethane
Concen: 51.527 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019684.D
Acq: 30 Nov 2020 16:44

Tgt Ion: 117 Resp: 102649
Ion Ratio Lower Upper
117 100
201 80.2 39.4 118.2

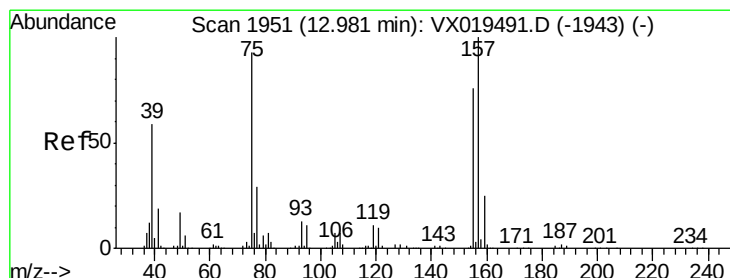
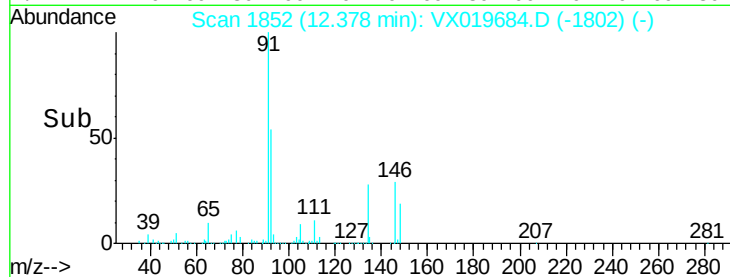
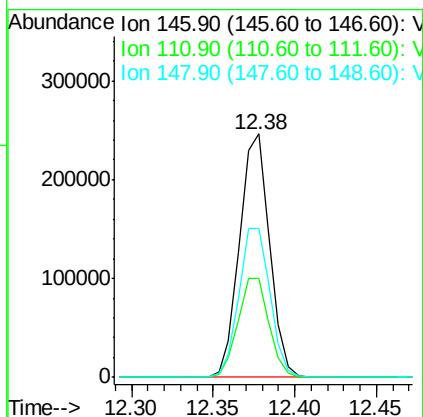
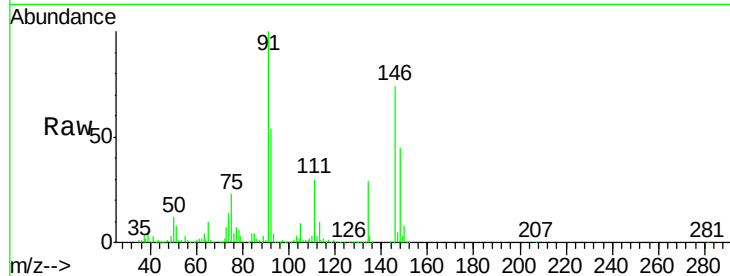




#91
 1,2-Dichlorobenzene
 Concen: 49.513 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

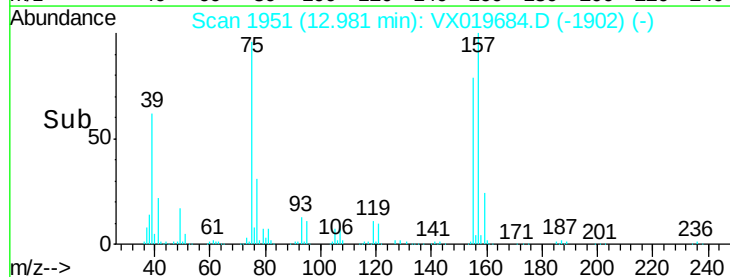
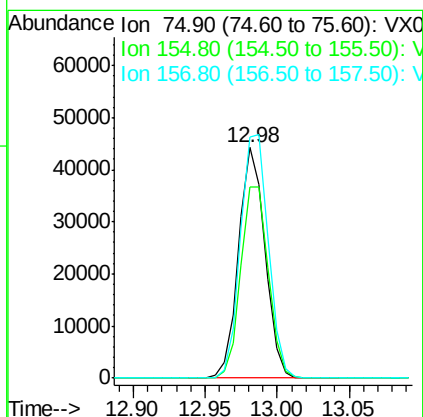
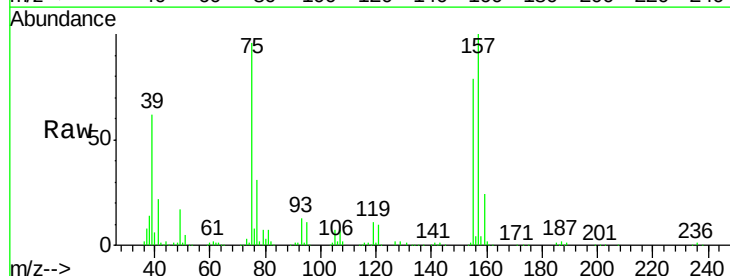
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

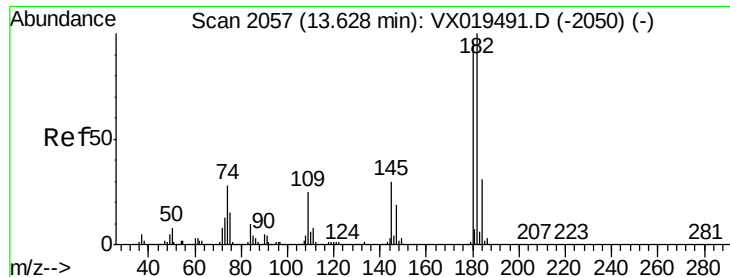
Tot Ion:146 Resp: 316635
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 63.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.909 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion: 75 Resp: 56387
 Ion Ratio Lower Upper
 75 100
 155 86.4 43.6 130.9
 157 111.4 57.0 170.8

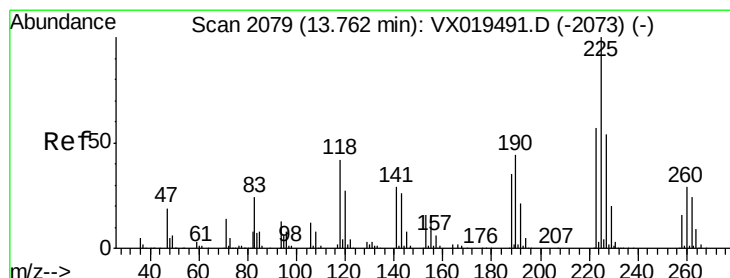
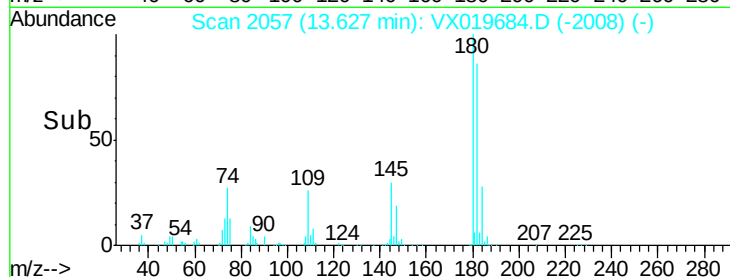
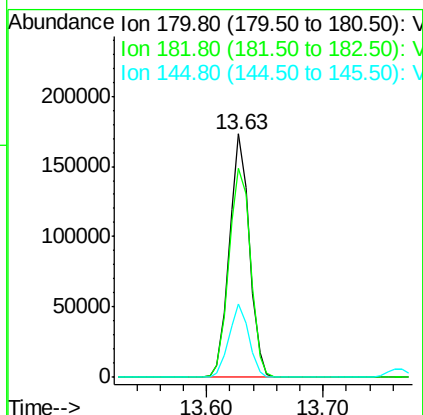
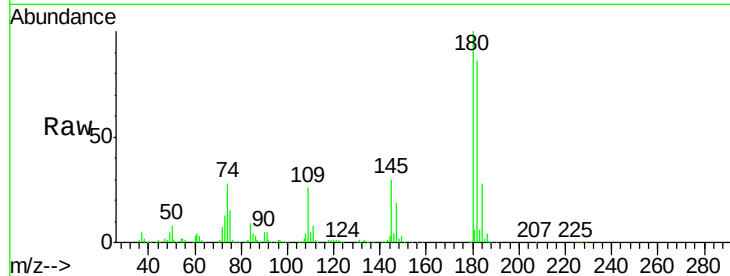




#93
 1,2,4-Trichlorobenzene
 Concen: 50.126 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

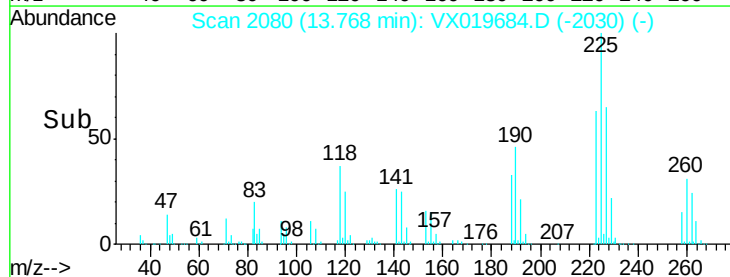
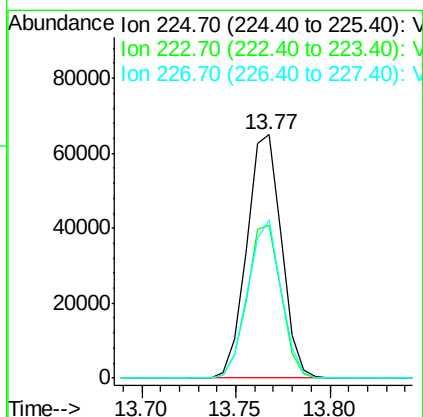
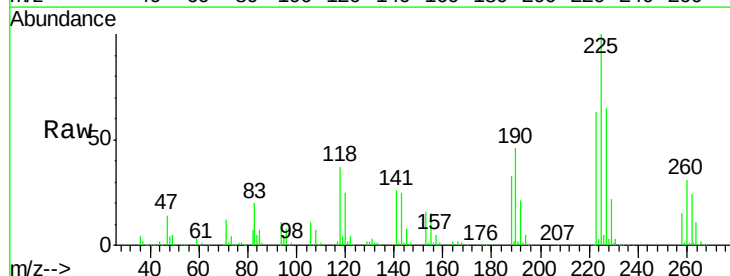
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

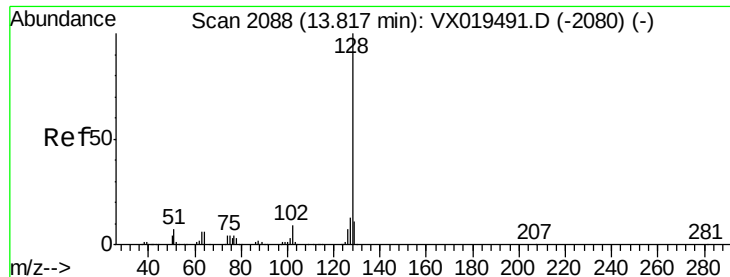
Tot Ion:180 Resp: 205802
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.6 145.9
 145 30.1 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 44.260 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019684.D
 Acq: 30 Nov 2020 16:44

Tgt Ion:225 Resp: 82781
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.5 97.5
 227 62.7 32.8 98.3





#95

Naphthalene

Concen: 49.620 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

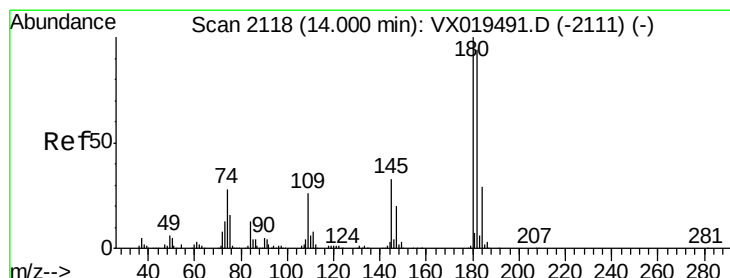
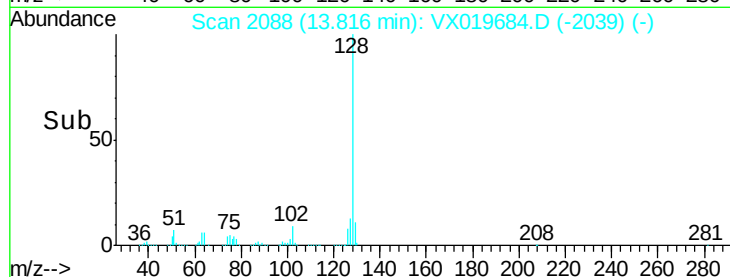
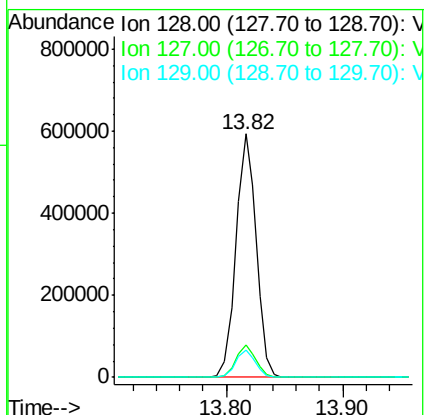
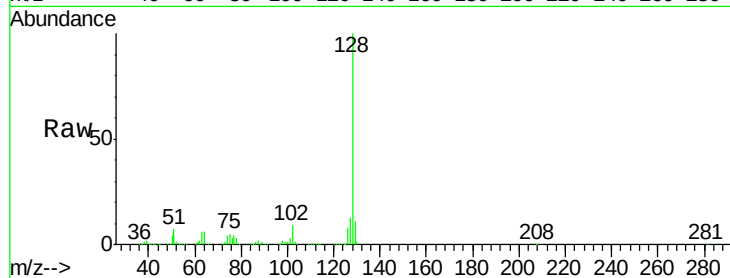
Tot Ion:128 Resp: 718293

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.083 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019684.D

Acq: 30 Nov 2020 16:44

Tgt Ion:180 Resp: 201572

Ion Ratio Lower Upper

180 100

182 98.2 48.1 144.3

145 34.1 16.6 49.8

