

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019494.D
 Acq On : 20 Nov 2020 12:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Quant Time: Nov 21 03:43:41 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	292517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188690	49.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.50%
35) Dibromofluoromethane	5.46	113	154821	51.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.12%
50) Toluene-d8	8.70	98	603515	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.12	95	222899	53.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156526	55.026	ug/l	100
3) Chloromethane	1.31	50	174384	53.423	ug/l	99
4) Vinyl Chloride	1.39	62	187435	53.342	ug/l	100
5) Bromomethane	1.62	94	72536	54.500	ug/l	99
6) Chloroethane	1.69	64	45082	52.911	ug/l	93
7) Trichlorofluoromethane	1.90	101	267333	52.711	ug/l	98
8) Diethyl Ether	2.17	74	108968	53.649	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154903	54.747	ug/l	99
10) Methyl Iodide	2.48	142	186786	50.251	ug/l	98
11) Tert butyl alcohol	3.05	59	195820	272.815	ug/l	100
12) 1,1-Dichloroethene	2.34	96	153892	52.992	ug/l	98
13) Acrolein	2.28	56	123063	255.061	ug/l	100
14) Allyl chloride	2.70	41	239864	52.724	ug/l	100
15) Acrylonitrile	3.12	53	455463	269.064	ug/l	100
16) Acetone	2.43	43	389158	265.326	ug/l	99
17) Carbon Disulfide	2.54	76	418206	53.604	ug/l	100
18) Methyl Acetate	2.75	43	185943	51.683	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	547415	54.609	ug/l	99
20) Methylene Chloride	2.83	84	184262	50.263	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	176444	53.625	ug/l	98
22) Diisopropyl ether	3.82	45	507139	53.885	ug/l	98
23) Vinyl Acetate	3.78	43	2218963	281.087	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305272	53.030	ug/l	99
25) 2-Butanone	4.64	43	608469	276.164	ug/l	100
26) 2,2-Dichloropropane	4.54	77	272888	54.310	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	202115	53.476	ug/l	99
28) Bromochloromethane	4.98	49	128764	46.786	ug/l	100
29) Tetrahydrofuran	5.09	42	375215	266.904	ug/l	100
30) Chloroform	5.17	83	320070	53.174	ug/l	95
31) Cyclohexane	5.54	56	264854	53.691	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	279233	54.004	ug/l	99
36) 1,1-Dichloropropene	5.76	75	242566	54.085	ug/l	99
37) Ethyl Acetate	4.79	43	235536	55.942	ug/l	99
38) Carbon Tetrachloride	5.74	117	239362	55.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	296532	56.785	ug/l	98
40) Benzene	6.10	78	734290	53.287	ug/l	99
41) Methacrylonitrile	5.01	41	121684	52.409	ug/l	96
42) 1,2-Dichloroethane	6.16	62	250567	53.051	ug/l	100
43) Isopropyl Acetate	6.41	43	380826	53.807	ug/l	99
44) Trichloroethene	7.18	130	191654	53.098	ug/l	97
45) 1,2-Dichloropropane	7.49	63	183615	54.126	ug/l	99
46) Dibromomethane	7.63	93	125696	54.137	ug/l	98
47) Bromodichloromethane	7.87	83	250691	55.643	ug/l	97
48) Methyl methacrylate	7.74	41	186430	56.244	ug/l	99
49) 1,4-Dioxane	7.72	88	83990	1115.993	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144684	277.351	ug/l	99
52) Toluene	8.76	92	471885	55.978	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	281532	57.860	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	308092	57.057	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	183912	53.570	ug/l	98
56) Ethyl methacrylate	9.16	69	281780	58.004	ug/l	100
57) 1,3-Dichloropropane	9.35	76	314971	54.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806840	283.447	ug/l	99
59) 2-Hexanone	9.48	43	890867	284.608	ug/l	99
60) Dibromochloromethane	9.56	129	191200	56.858	ug/l	99
61) 1,2-Dibromoethane	9.65	107	194295	54.904	ug/l	100
64) Tetrachloroethene	9.32	164	176912	52.365	ug/l	97
65) Chlorobenzene	10.12	112	484879	54.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179614	55.880	ug/l	98
67) Ethyl Benzene	10.23	91	886229	57.248	ug/l	98
68) m/p-Xylenes	10.34	106	664724	115.253	ug/l	99
69) o-Xylene	10.68	106	313875	56.930	ug/l	99
70) Styrene	10.70	104	534901	52.334	ug/l	99
71) Bromoform	10.84	173	139005	50.975	ug/l #	96
73) Isopropylbenzene	11.00	105	841115	55.951	ug/l	98
74) N-amyl acetate	10.88	43	323979	57.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	283454	52.726	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	322294	67.960	ug/l	87
77) Bromobenzene	11.24	156	206805	53.888	ug/l	99
78) n-propylbenzene	11.34	91	983286	57.016	ug/l	100
79) 2-Chlorotoluene	11.40	91	579419	55.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725343	57.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93604	53.029	ug/l	98
82) 4-Chlorotoluene	11.49	91	688926	55.954	ug/l	99
83) tert-Butylbenzene	11.76	119	700883	57.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	734586	57.570	ug/l	100
85) sec-Butylbenzene	11.93	105	837201	57.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	769591	58.400	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377635	53.581	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394755	54.376	ug/l	99
89) n-Butylbenzene	12.37	91	702272	58.948	ug/l	99
90) Hexachloroethane	12.58	117	125793	57.046	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	384450	54.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61838	56.383	ug/l	99

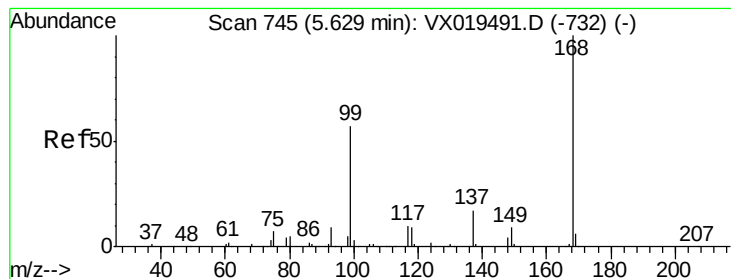
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	262063	57.665	ug/l	99
94) Hexachlorobutadiene	13.76	225	112751	54.462	ug/l	98
95) Naphthalene	13.82	128	845836	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259308	57.043	ug/l	99

(#) = 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: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

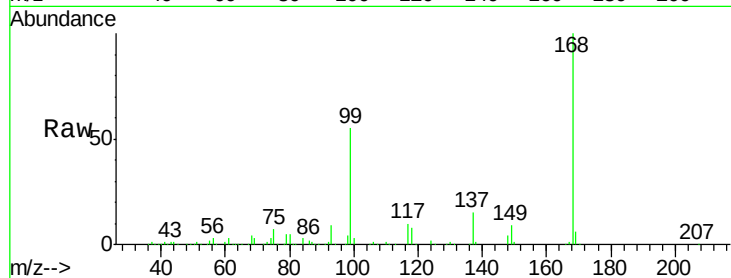
ICVVX112120

Tot Ion:168 Resp: 292517

Ion Ratio Lower Upper

168 100

99 54.5 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

120000

100000

80000

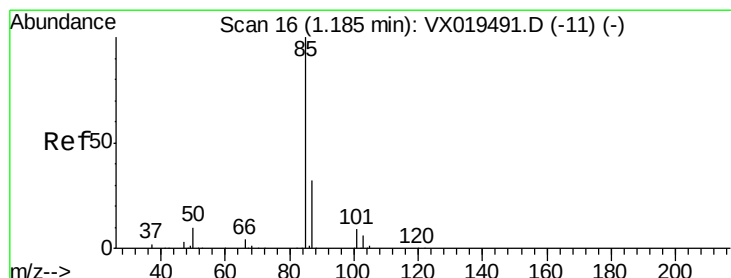
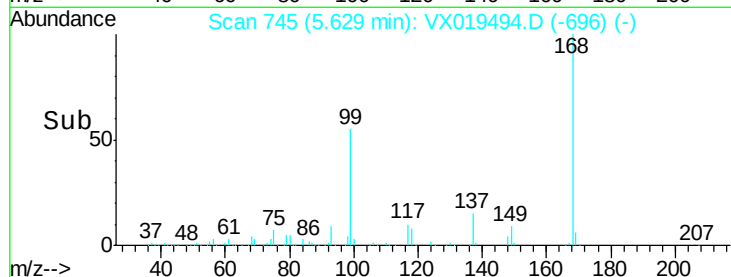
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.026 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019494.D

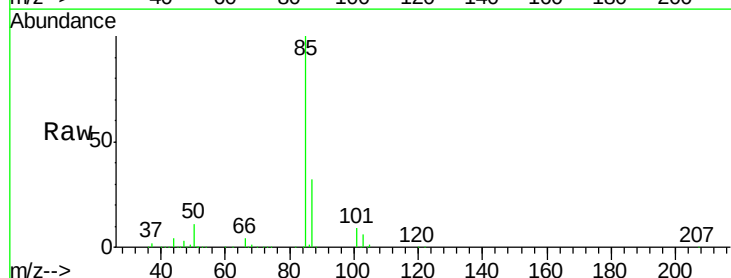
Acq: 20 Nov 2020 12:28

Tgt Ion: 85 Resp: 156526

Ion Ratio Lower Upper

85 100

87 32.0 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

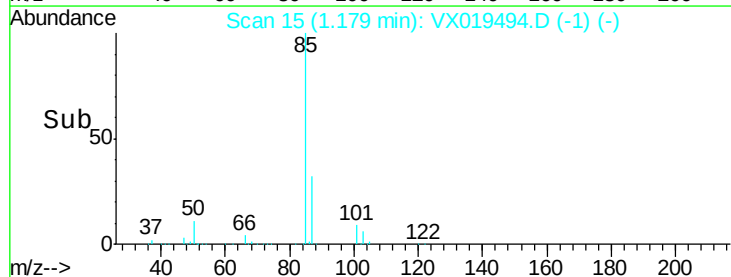
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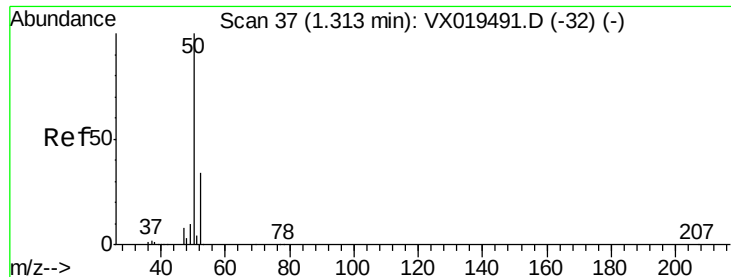
100000

50000

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Time-->





#3

Chloromethane

Concen: 53.423 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

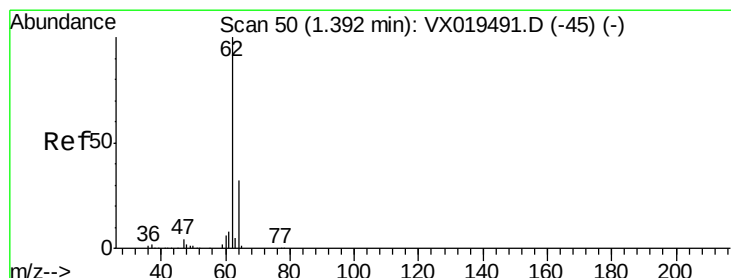
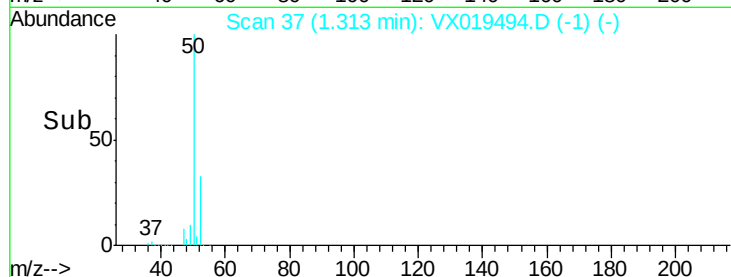
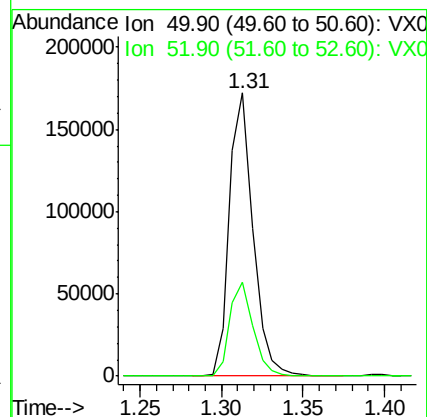
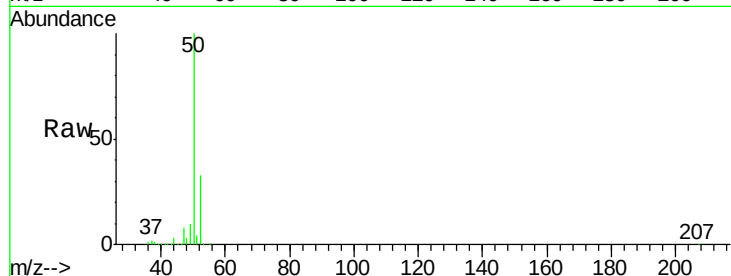
ICVVX112120

Tot Ion: 50 Resp: 174384

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



#4

Vinyl Chloride

Concen: 53.342 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019494.D

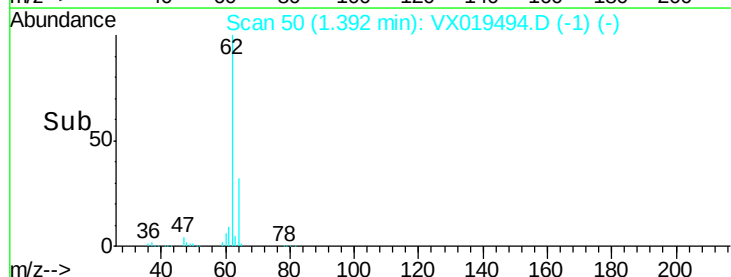
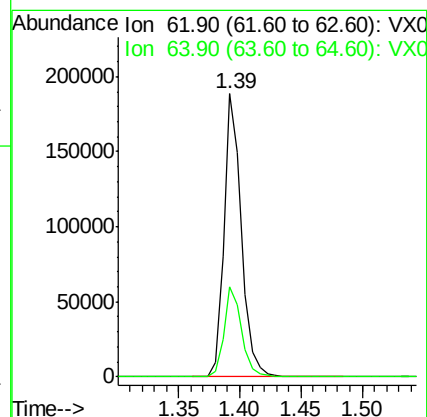
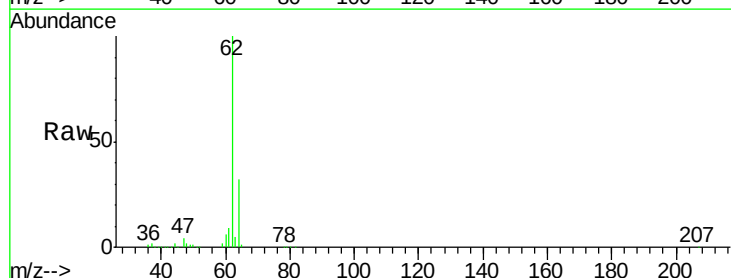
Acq: 20 Nov 2020 12:28

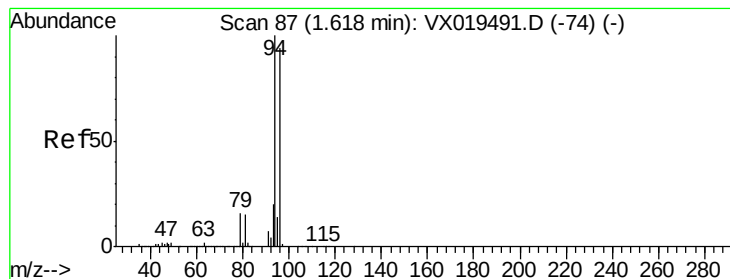
Tgt Ion: 62 Resp: 187435

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 54.500 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

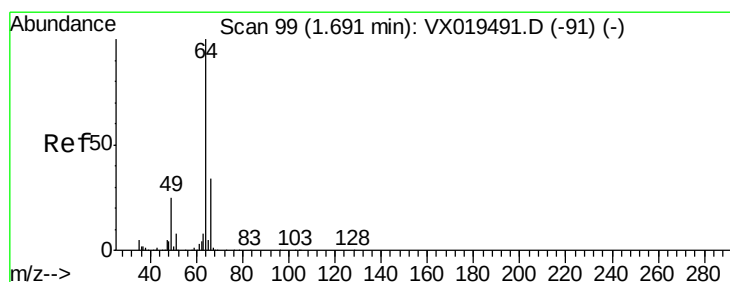
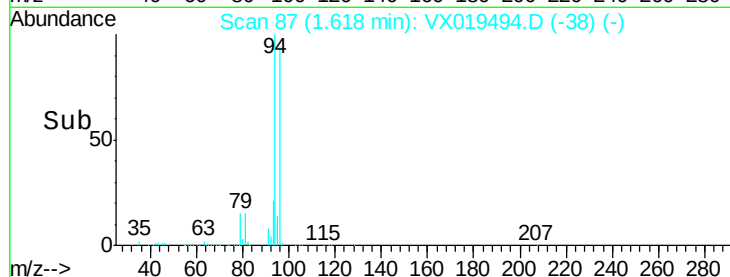
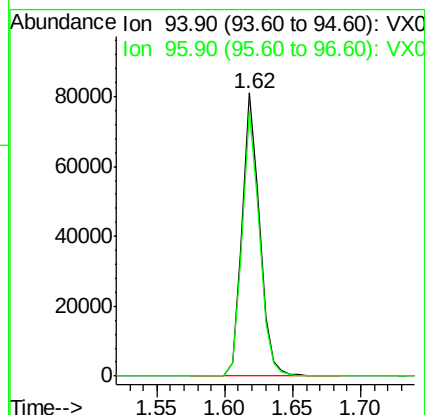
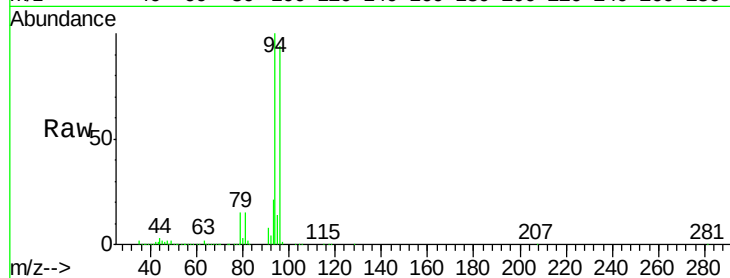
ICVVX112120

Tot Ion: 94 Resp: 72536

Ion Ratio Lower Upper

94 100

96 93.8 75.6 113.4



#6

Chloroethane

Concen: 52.911 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019494.D

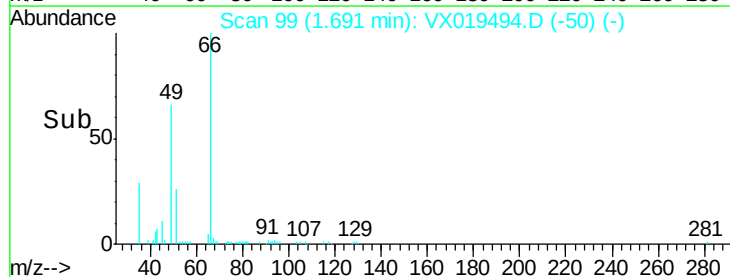
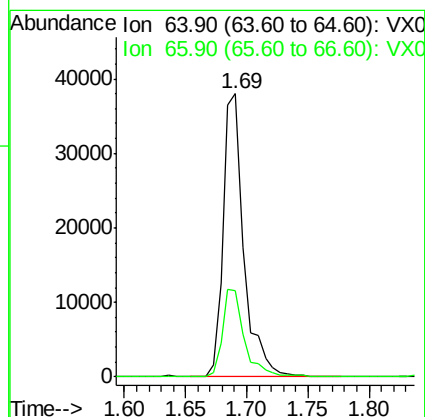
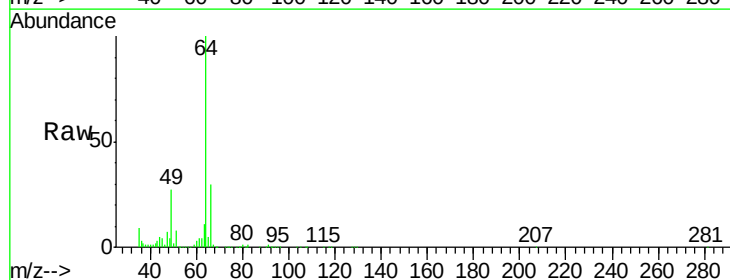
Acq: 20 Nov 2020 12:28

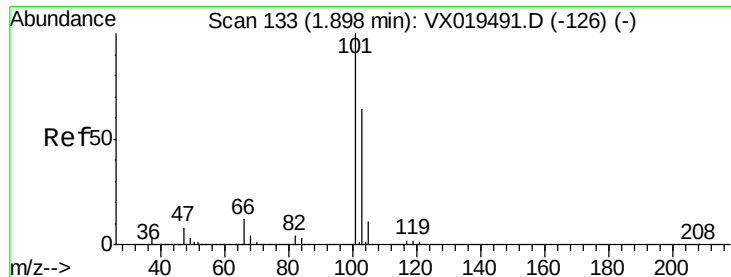
Tgt Ion: 64 Resp: 45082

Ion Ratio Lower Upper

64 100

66 30.2 27.1 40.7



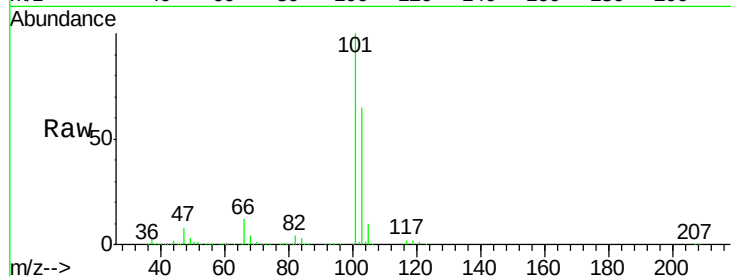


#7

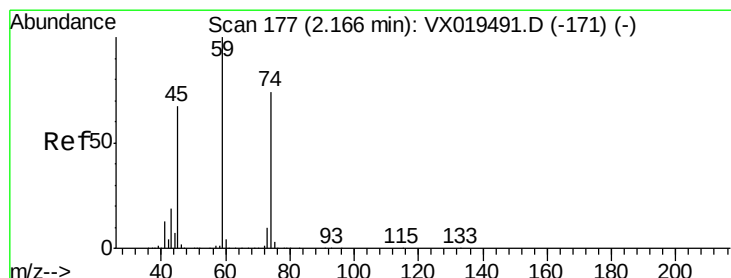
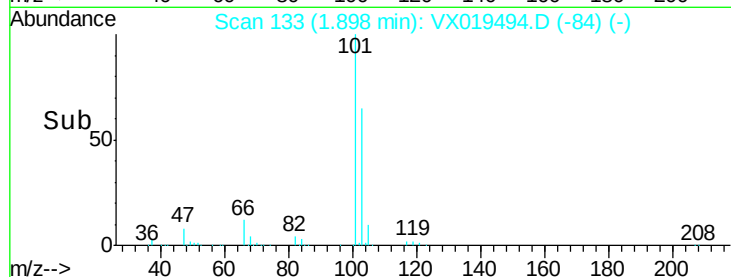
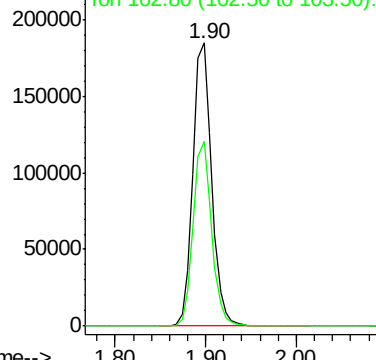
Trichlorofluoromethane
Concen: 52.711 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019494.D
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MSVOA_X
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ICVVX112120

Tot Ion:101 Resp: 267333
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3



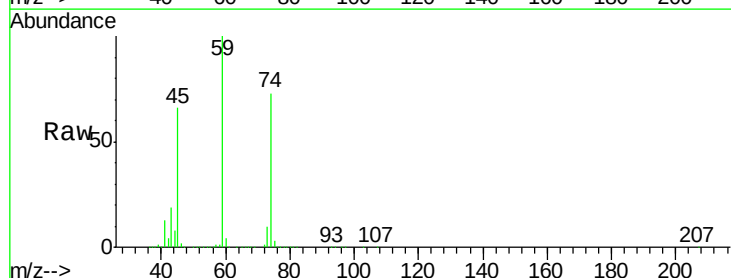
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



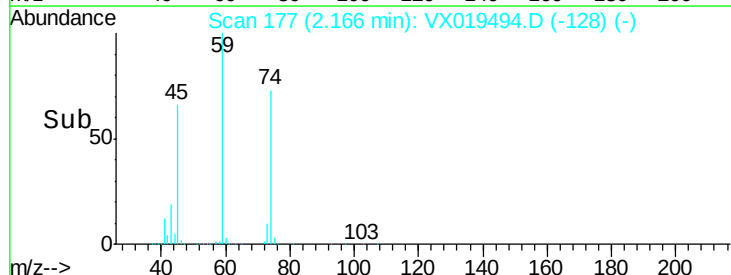
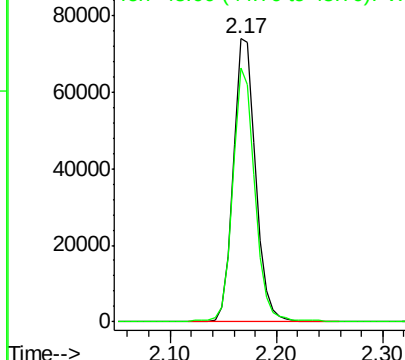
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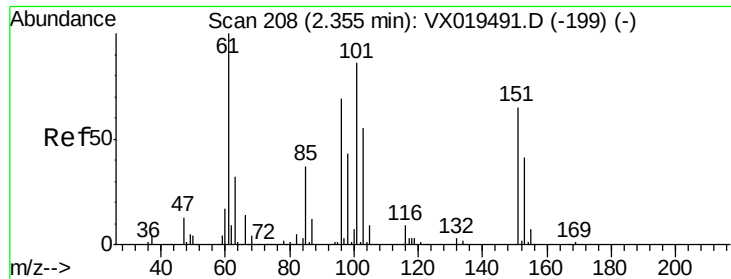
Diethyl Ether
Concen: 53.649 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 74 Resp: 108968
Ion Ratio Lower Upper
74 100
45 87.9 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: 54.747 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

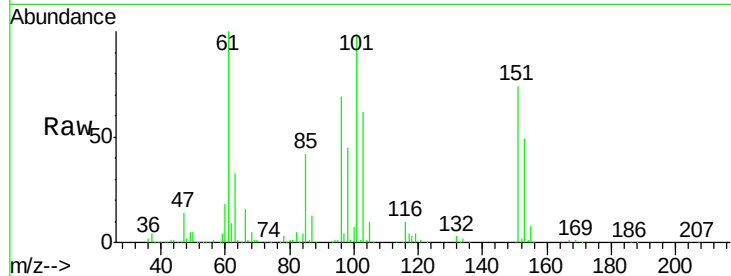
Tot Ion:101 Resp: 154903

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

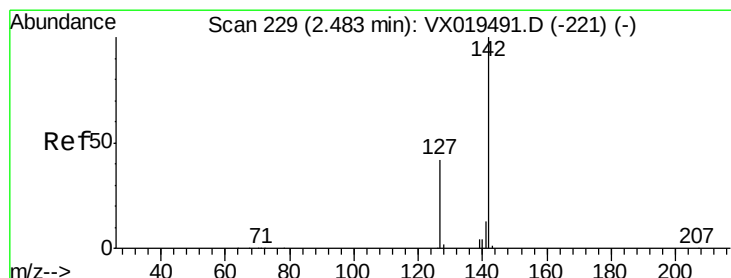
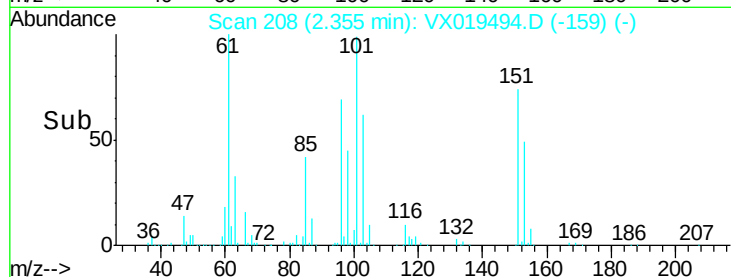
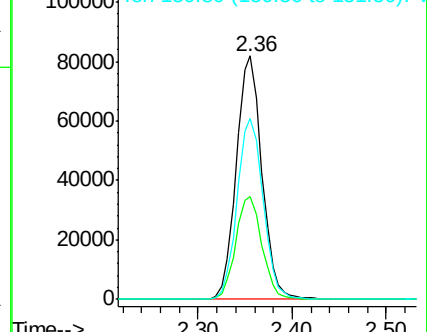
151 75.9 60.9 91.3



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: 50.251 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

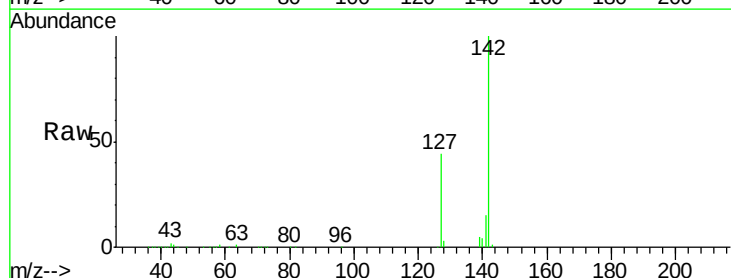
Tgt Ion:142 Resp: 186786

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.6

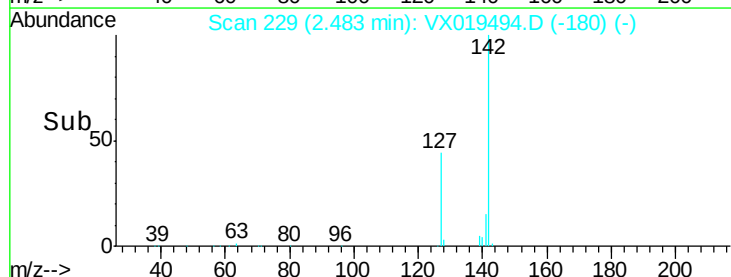
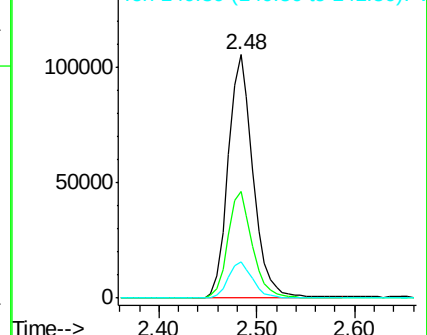
141 14.6 11.0 16.6

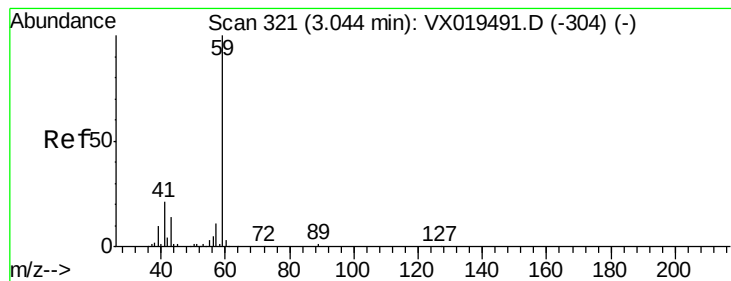


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



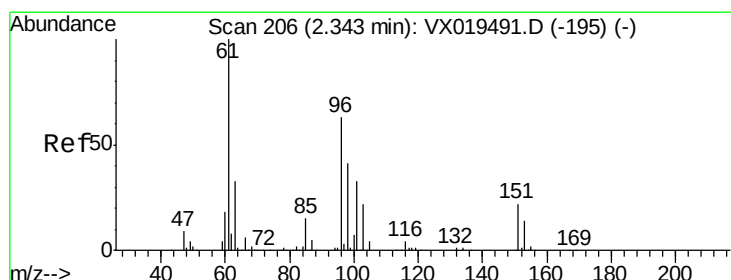
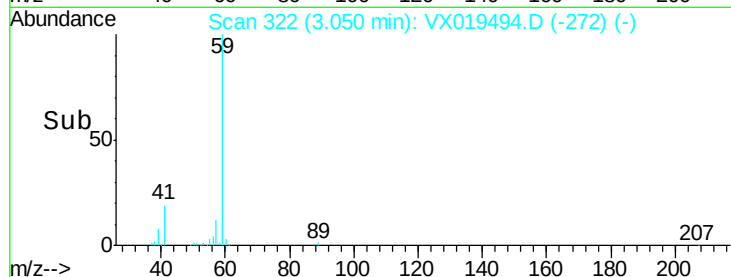
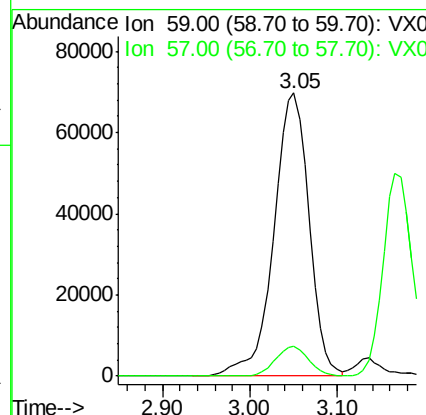
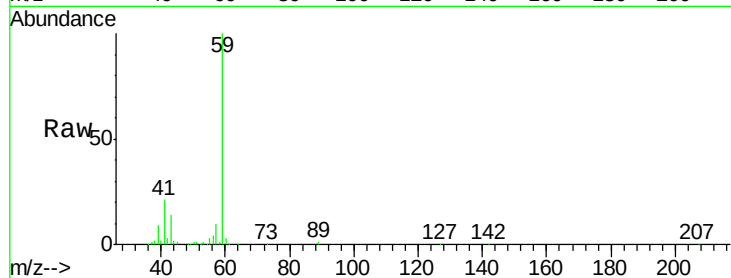


#11

Tert butyl alcohol
Concen: 272.815 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVX112120

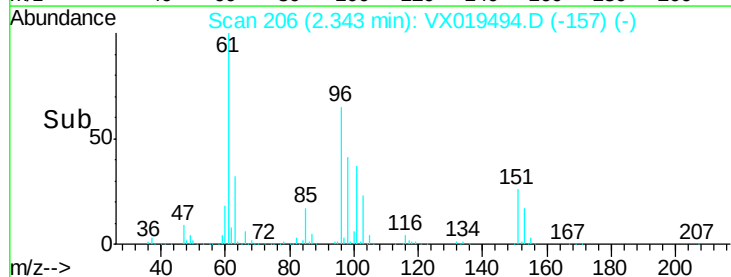
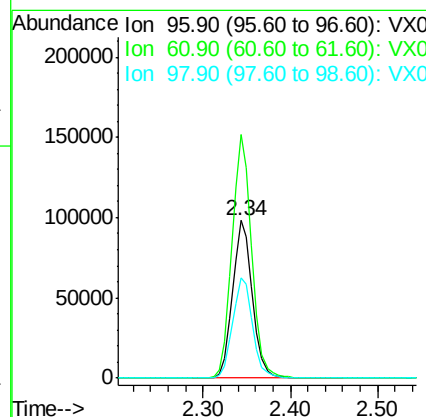
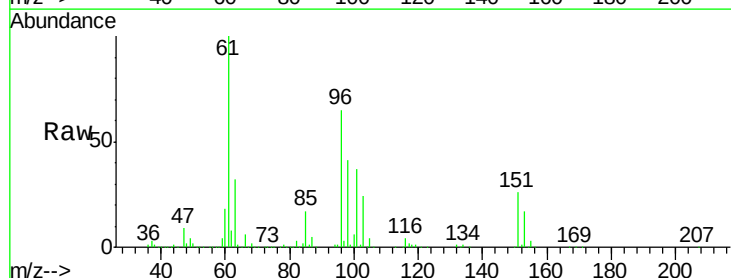
Tot Ion: 59 Resp: 195820
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

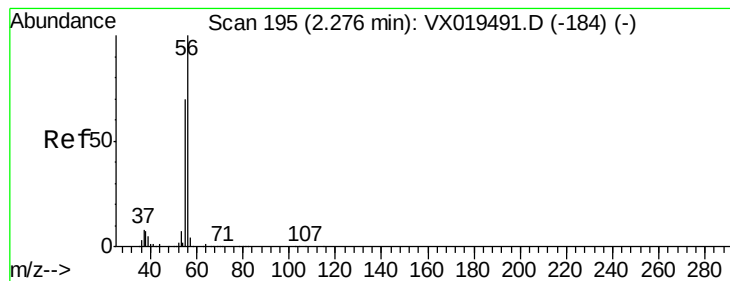


#12

1,1-Dichloroethene
Concen: 52.992 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 96 Resp: 153892
Ion Ratio Lower Upper
96 100
61 154.7 126.0 189.0
98 63.7 52.0 78.0





#13

Acrolein

Concen: 255.061 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

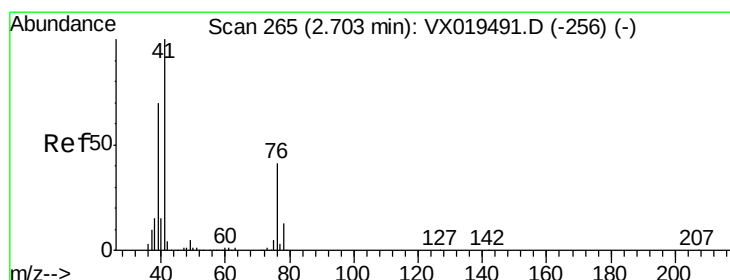
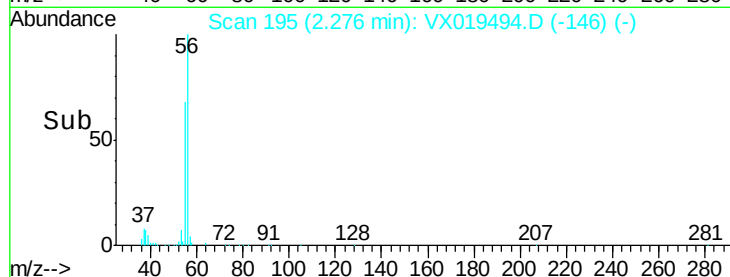
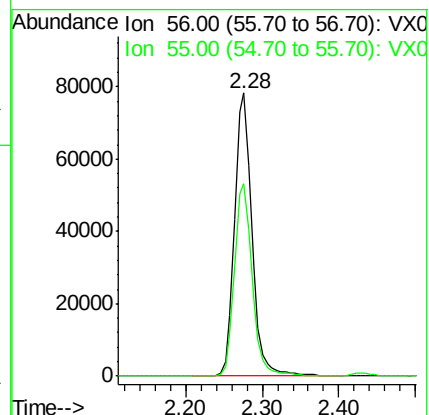
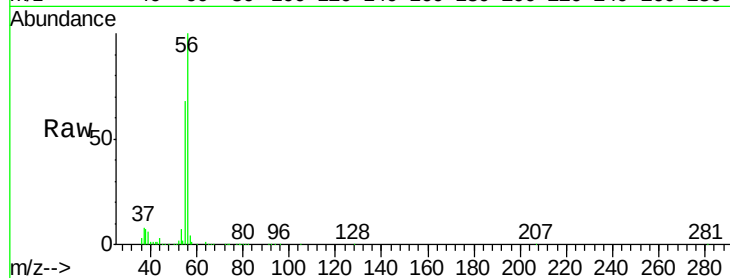
ICVVX112120

Tot Ion: 56 Resp: 123063

Ion Ratio Lower Upper

56 100

55 69.0 55.5 83.3



#14

Allyl chloride

Concen: 52.724 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

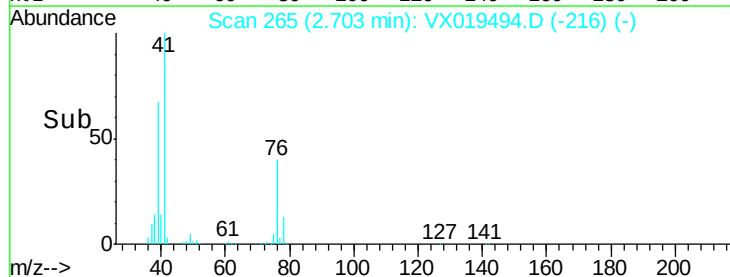
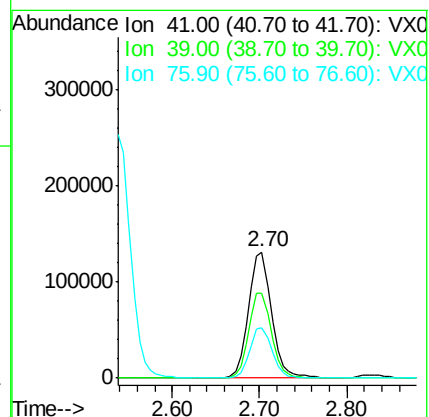
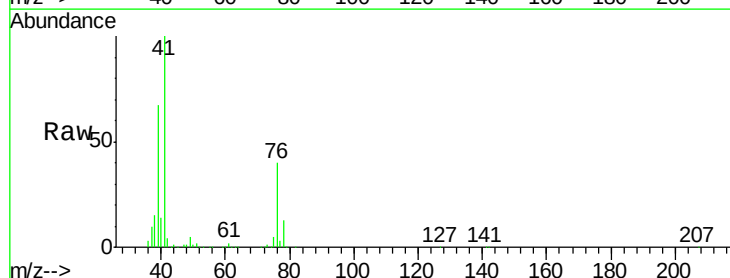
Tgt Ion: 41 Resp: 239864

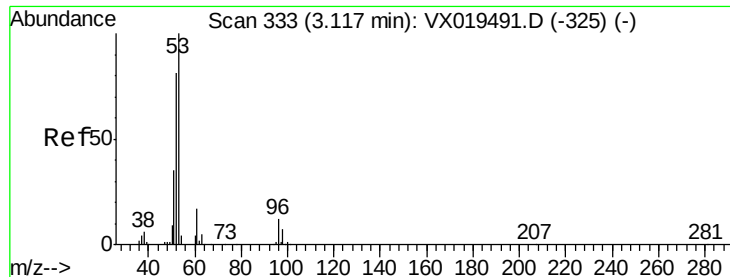
Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

76 39.2 31.0 46.6





#15

Acrylonitrile

Concen: 269.064 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

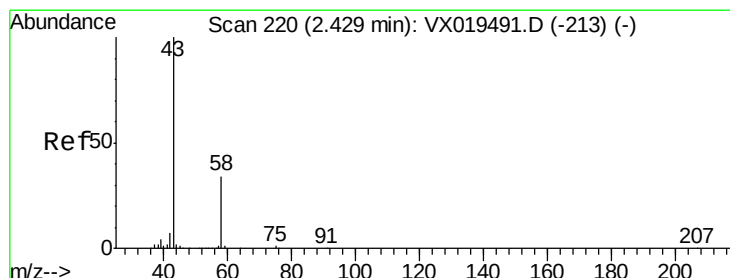
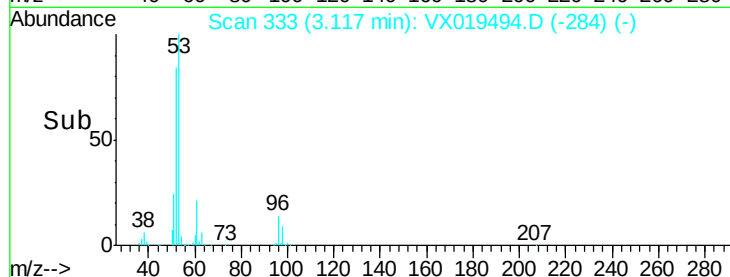
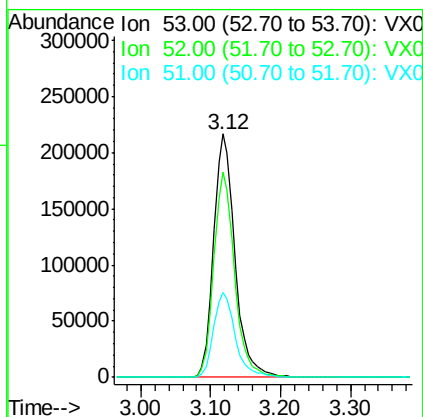
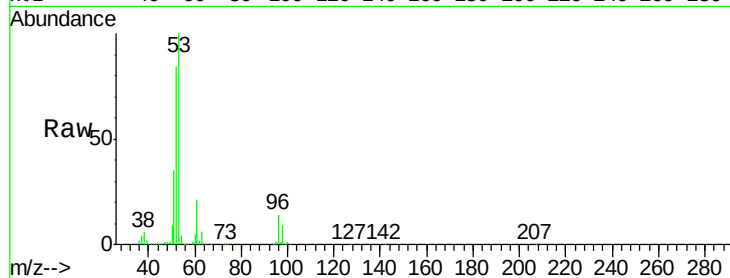
Tot Ion: 53 Resp: 455463

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

51 35.7 28.5 42.7



#16

Acetone

Concen: 265.326 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019494.D

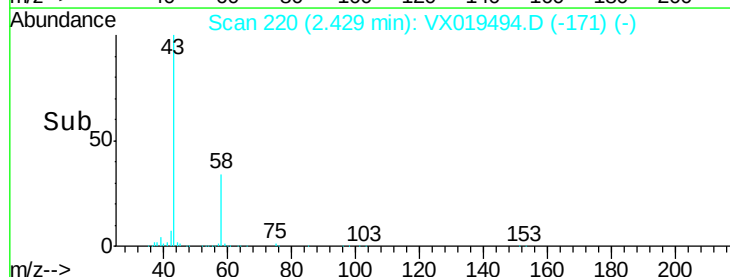
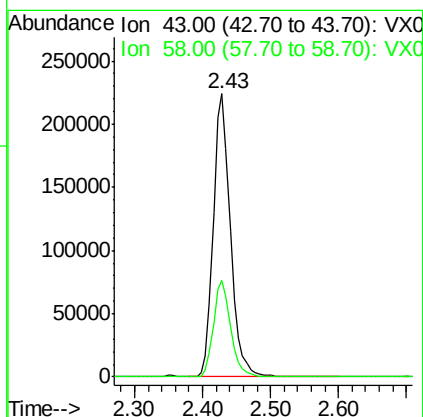
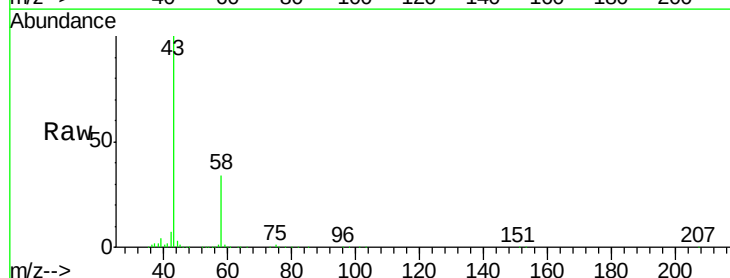
Acq: 20 Nov 2020 12:28

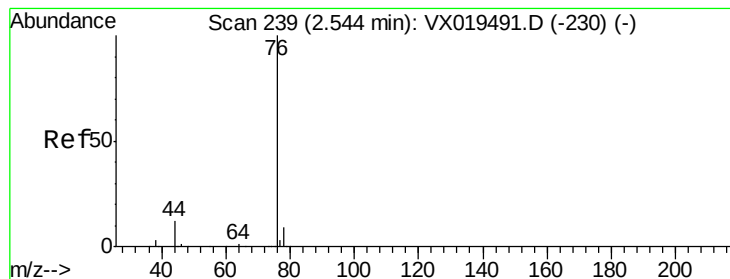
Tgt Ion: 43 Resp: 389158

Ion Ratio Lower Upper

43 100

58 34.0 27.4 41.2





#17

Carbon Disulfide

Concen: 53.604 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

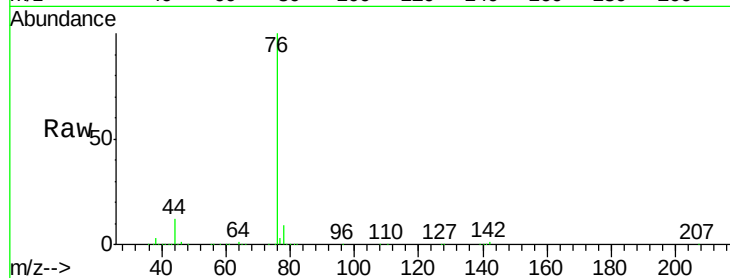
ICVVX112120

Tot Ion: 76 Resp: 418206

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

250000

200000

150000

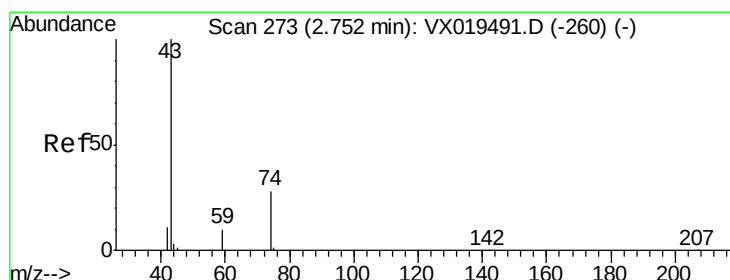
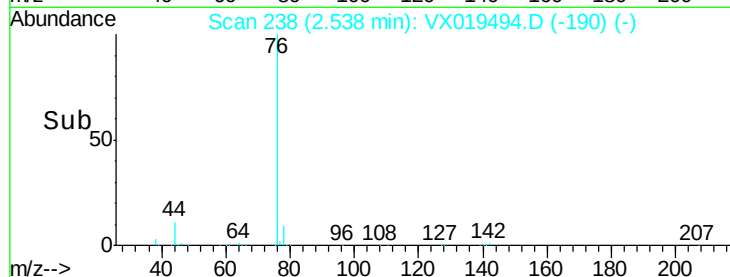
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 51.683 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019494.D

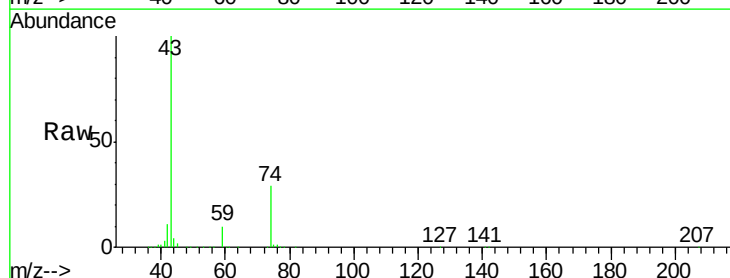
Acq: 20 Nov 2020 12:28

Tgt Ion: 43 Resp: 185943

Ion Ratio Lower Upper

43 100

74 28.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

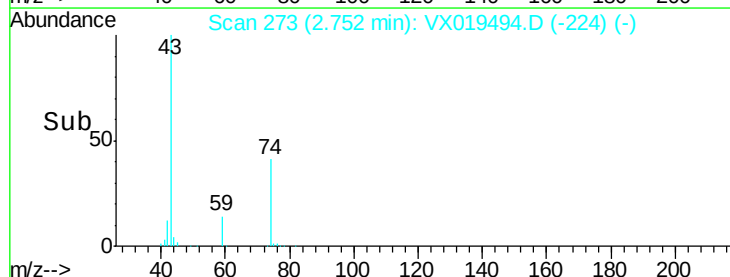
40000

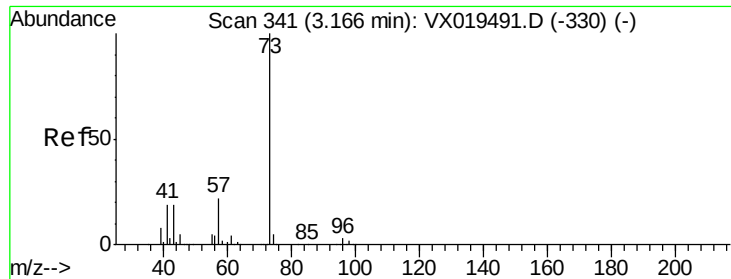
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

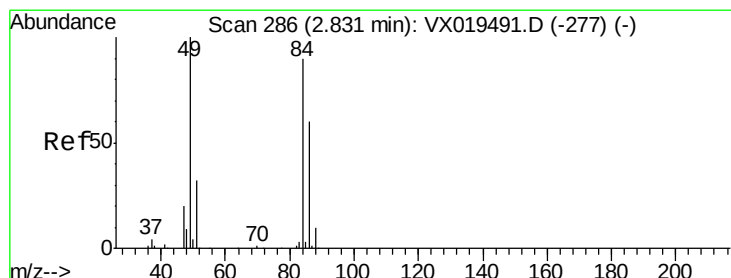
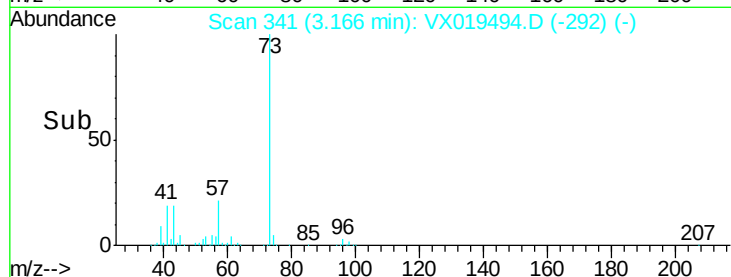
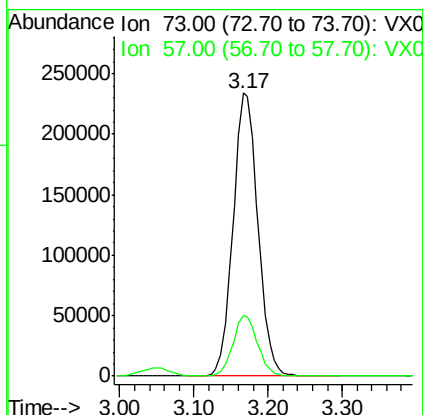
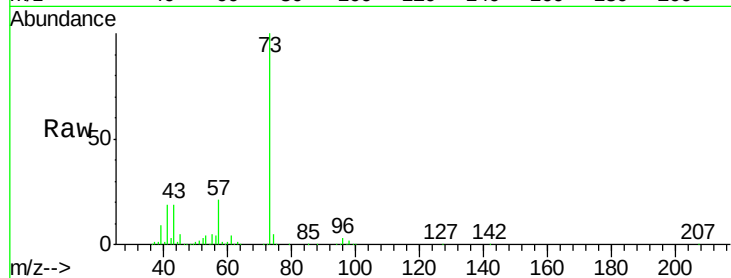




#19
Methyl tert-butyl Ether
Concen: 54.609 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

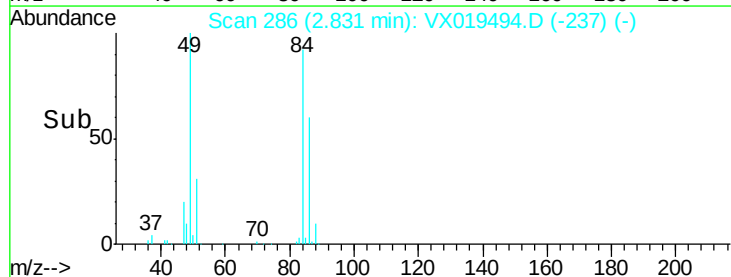
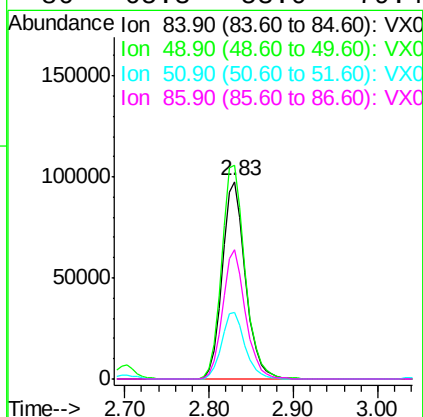
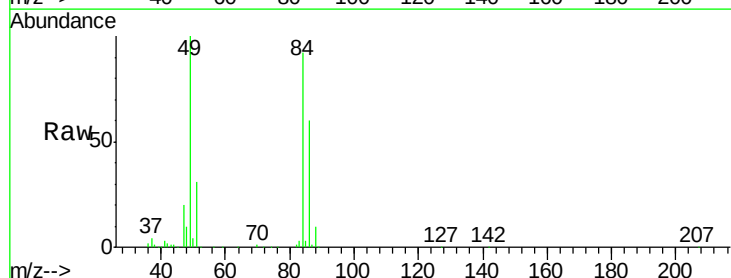
Instrument :
MSVOA_X
ClientSampled :
ICVVX112120

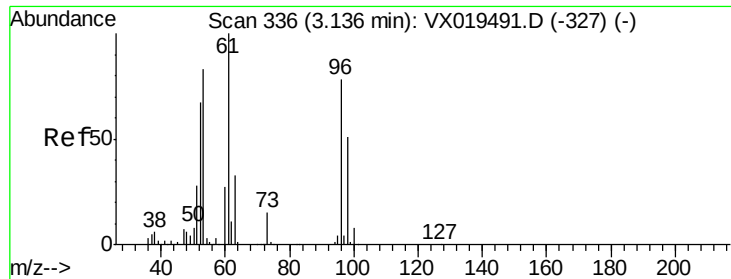
Tot Ion: 73 Resp: 547415
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 50.263 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 84 Resp: 184262
Ion Ratio Lower Upper
84 100
49 108.4 88.5 132.7
51 34.0 28.0 42.0
86 65.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 53.625 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

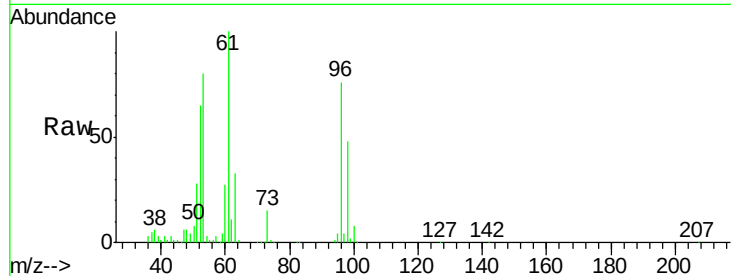
Tot Ion: 96 Resp: 176444

Ion Ratio Lower Upper

96 100

61 130.8 102.9 154.3

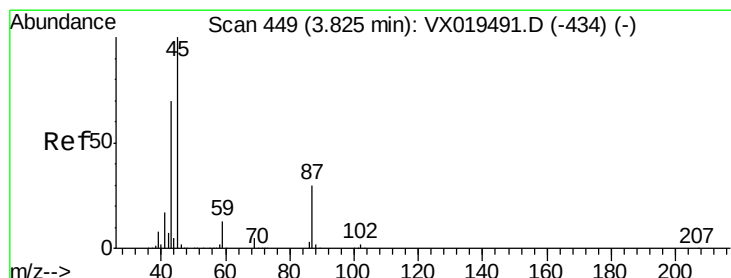
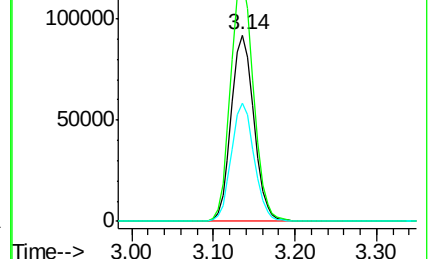
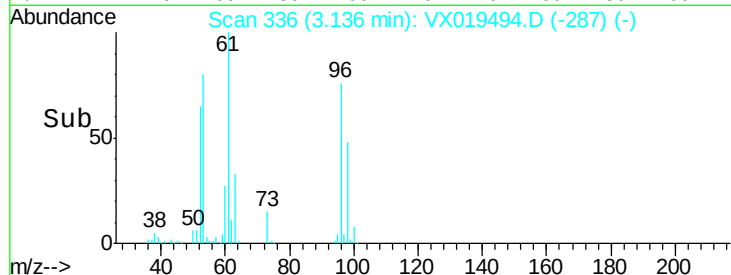
98 63.3 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.885 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion: 45 Resp: 507139

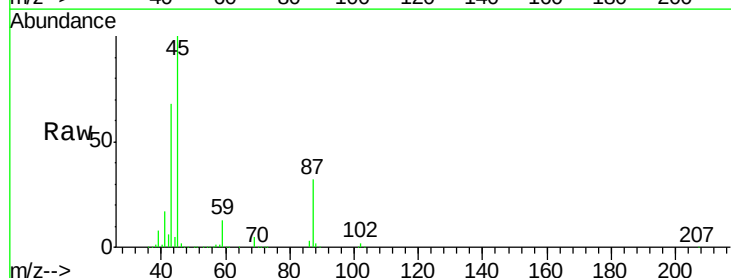
Ion Ratio Lower Upper

45 100

43 68.3 56.1 84.1

87 31.8 24.2 36.2

59 13.1 10.2 15.2

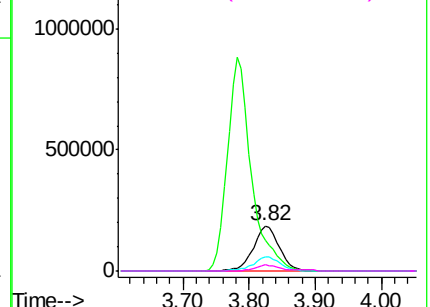
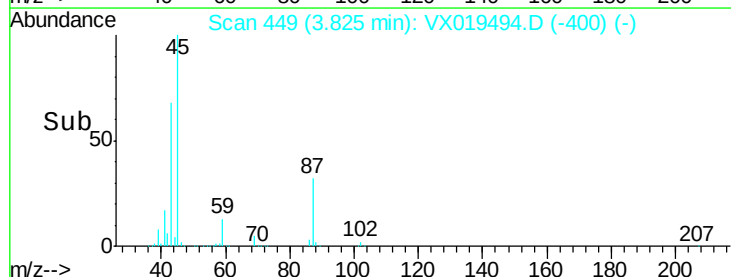


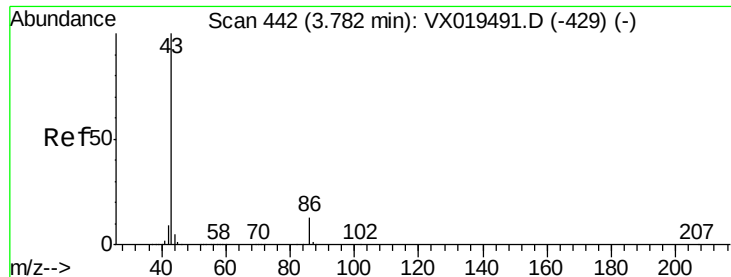
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 281.087 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

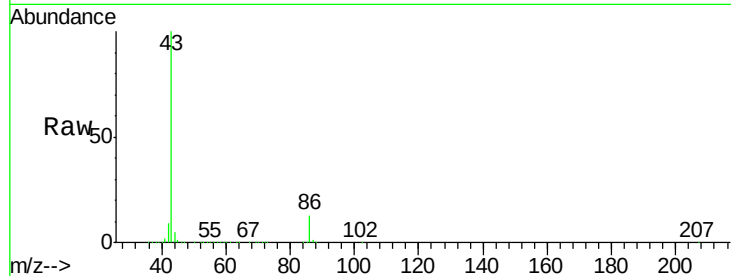
ICVVX112120

Tot Ion: 43 Resp: 2218963

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

600000

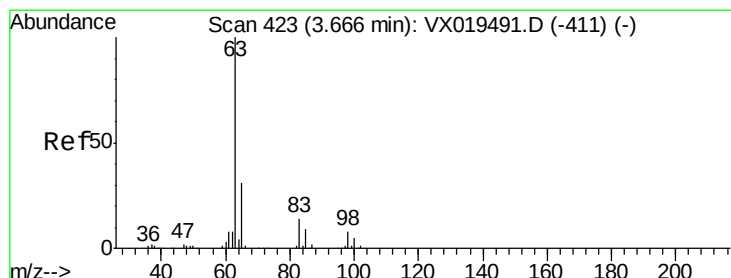
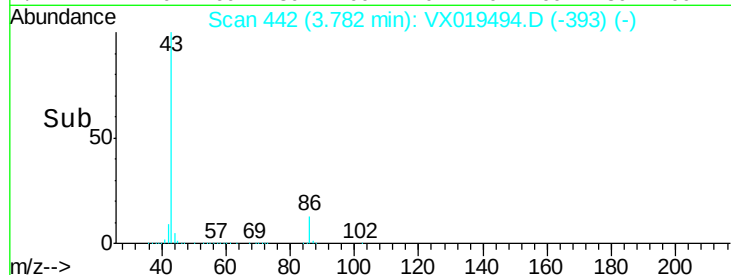
400000

200000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 53.030 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

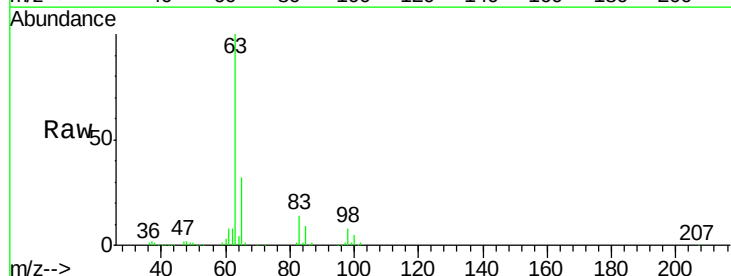
Tgt Ion: 63 Resp: 305272

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

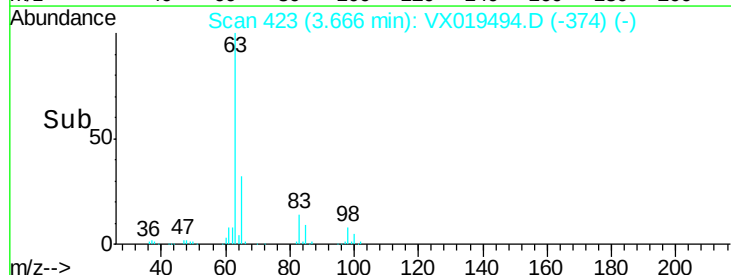
100000

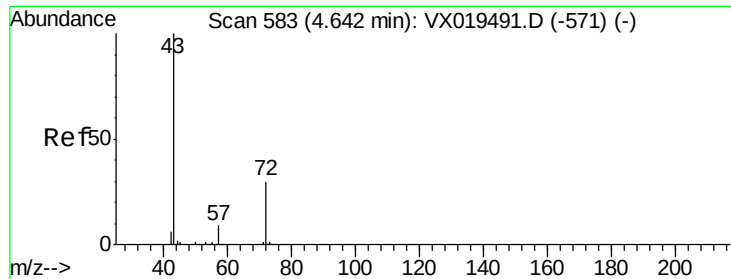
50000

0

Time-->

3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 276.164 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

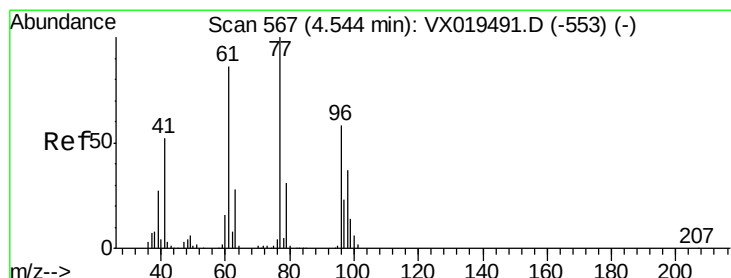
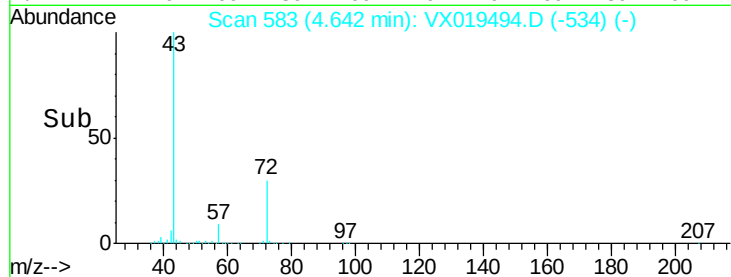
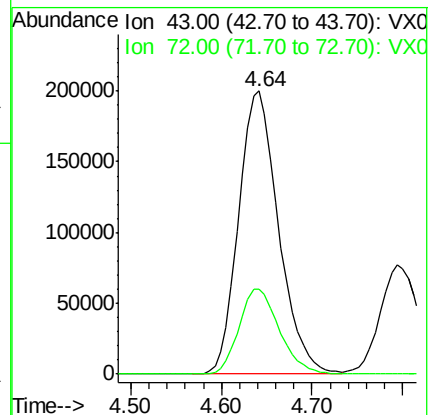
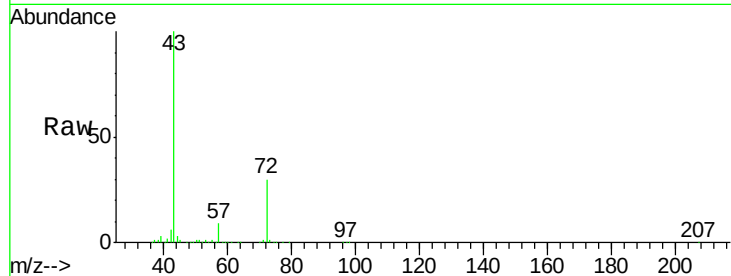
ICVVX112120

Tot Ion: 43 Resp: 608469

Ion Ratio Lower Upper

43 100

72 29.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 54.310 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019494.D

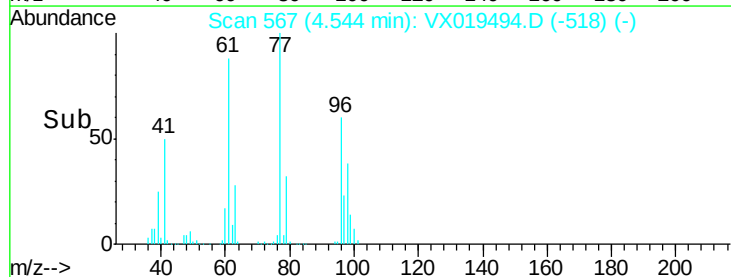
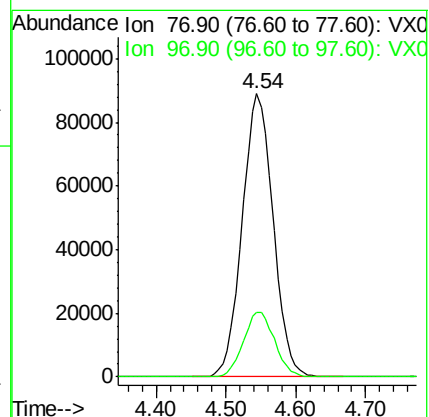
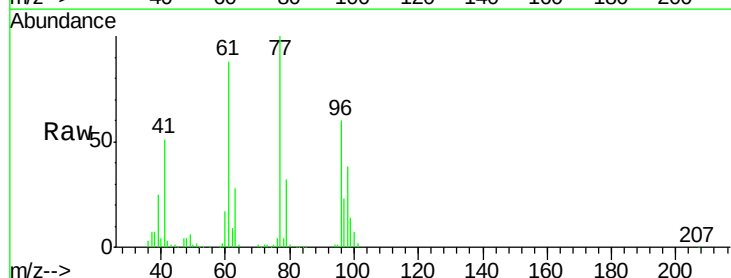
Acq: 20 Nov 2020 12:28

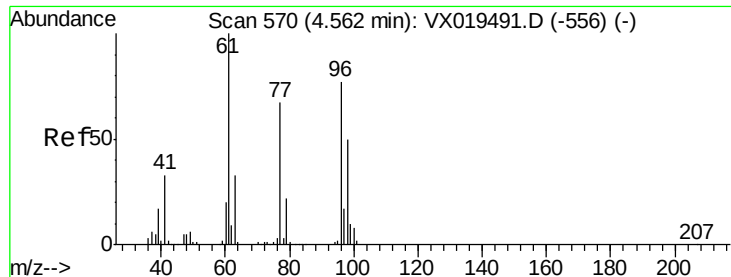
Tgt Ion: 77 Resp: 272888

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



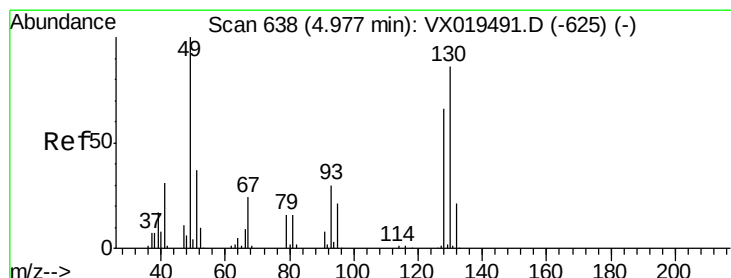
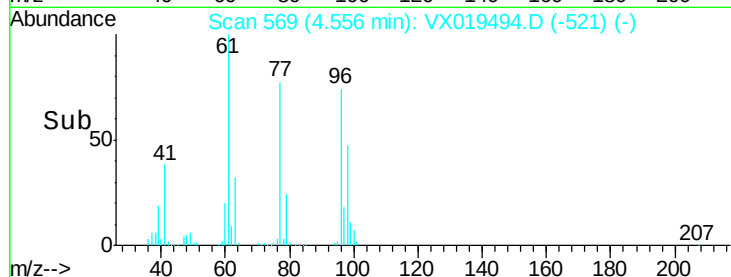
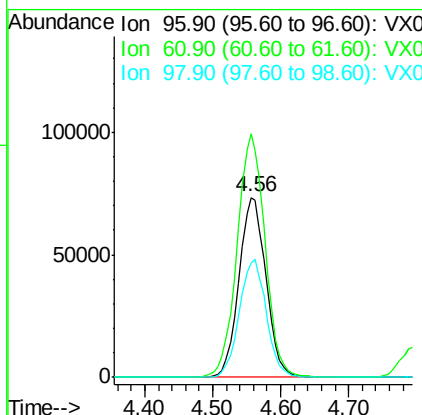
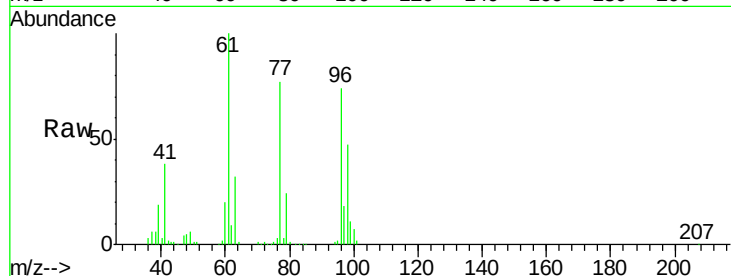


#27

cis-1,2-Dichloroethene
Concen: 53.476 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

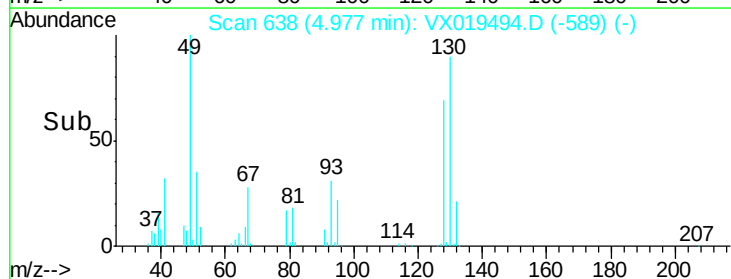
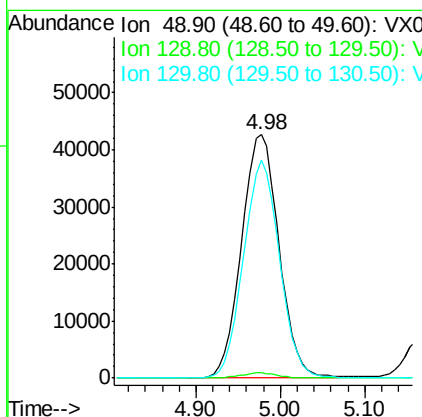
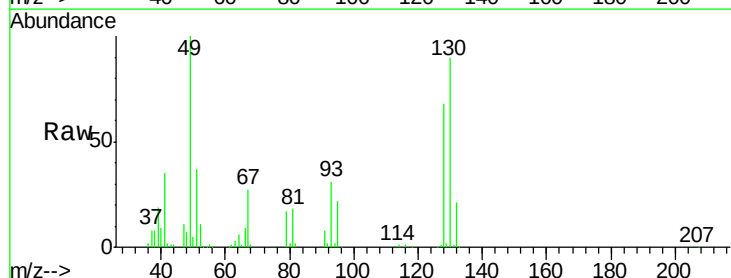
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	279.2
98	65.3	0.0	129.8

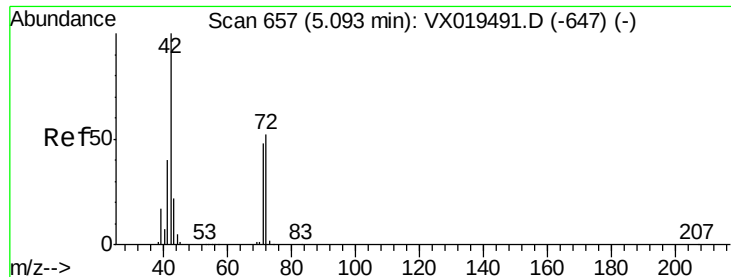


#28

Bromochloromethane
Concen: 46.786 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	86.6	69.0	103.6

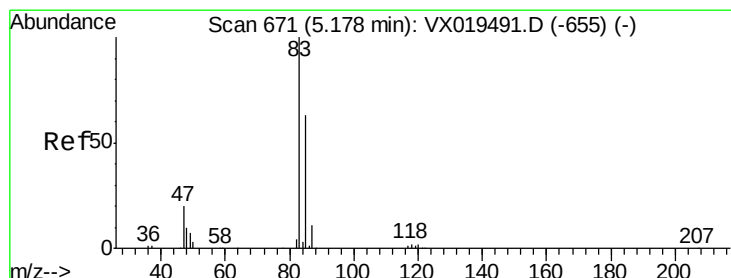
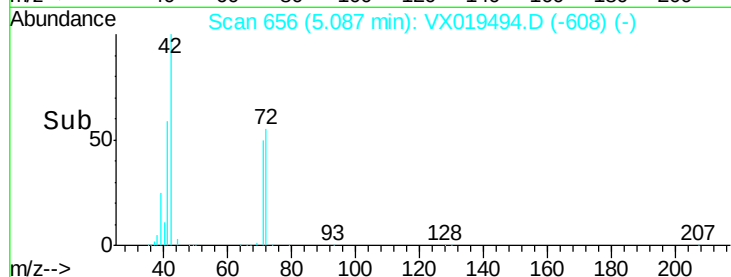
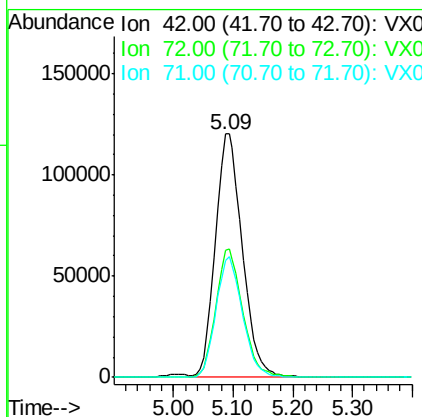
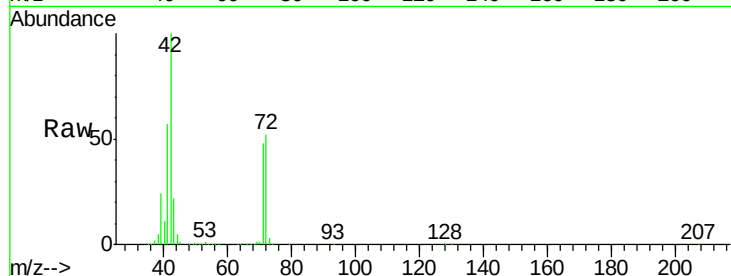




#29
Tetrahydrofuran
Concen: 266.904 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

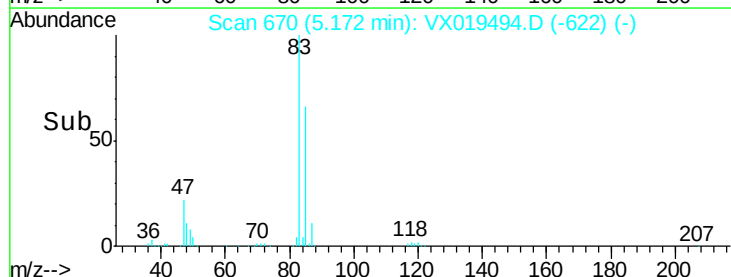
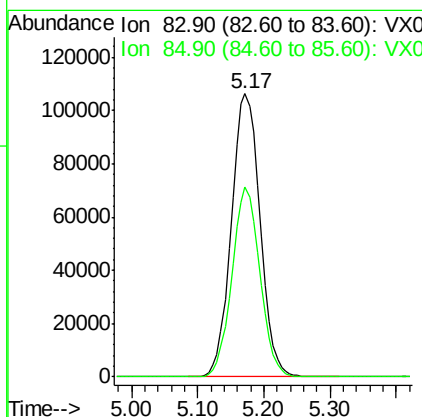
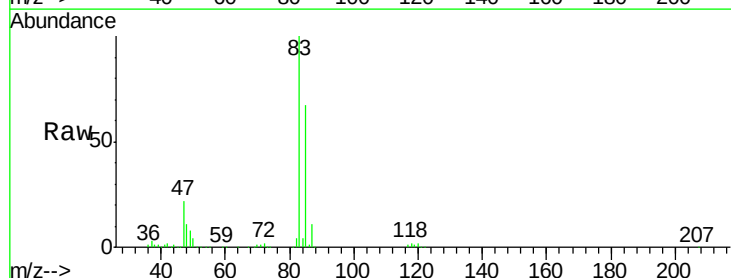
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

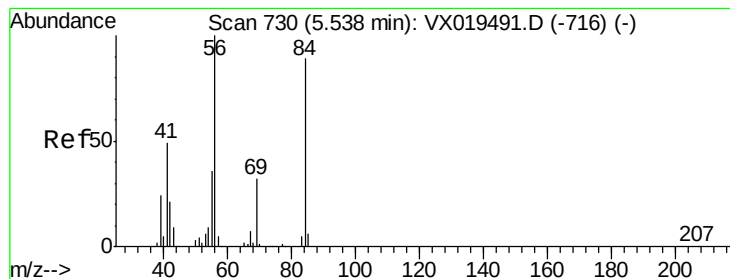
Tot Ion: 42 Resp: 375215
Ion Ratio Lower Upper
42 100
72 52.8 42.6 63.8
71 48.9 39.0 58.6



#30
Chloroform
Concen: 53.174 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 83 Resp: 320070
Ion Ratio Lower Upper
83 100
85 67.1 50.5 75.7





#31

Cyclohexane

Concen: 53.691 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

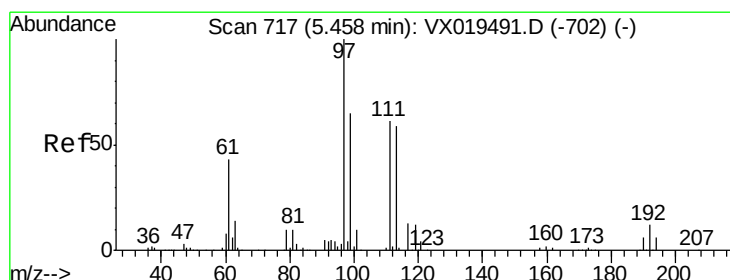
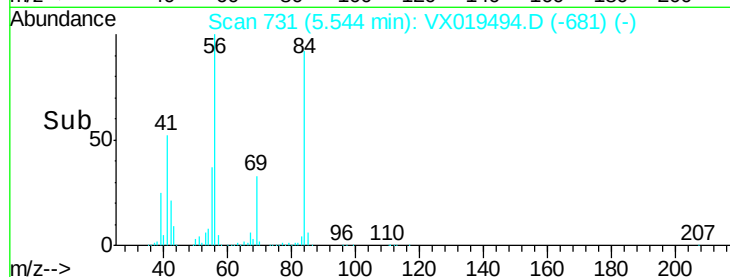
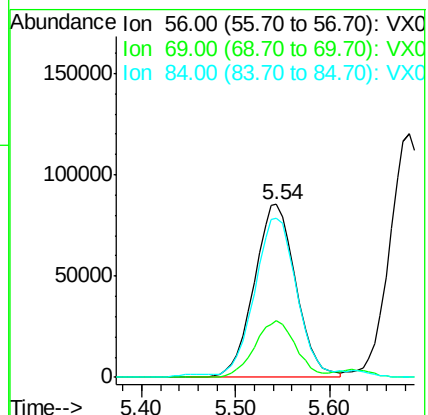
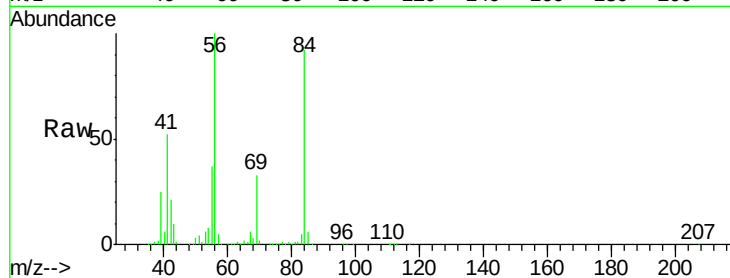
Tot Ion: 56 Resp: 264854

Ion Ratio Lower Upper

56 100

69 33.1 25.5 38.3

84 90.7 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 54.004 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

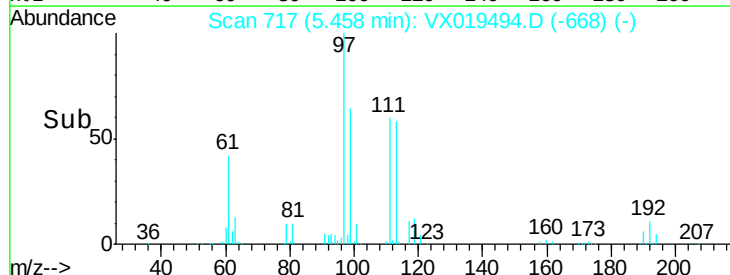
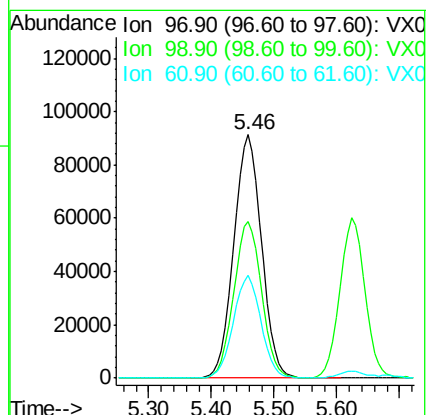
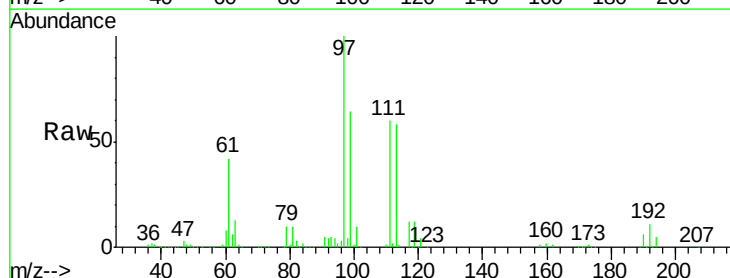
Tgt Ion: 97 Resp: 279233

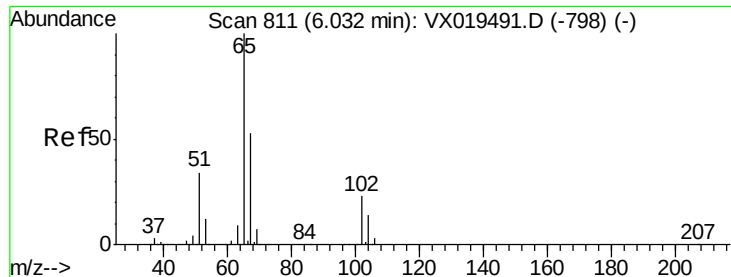
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 41.9 34.2 51.2

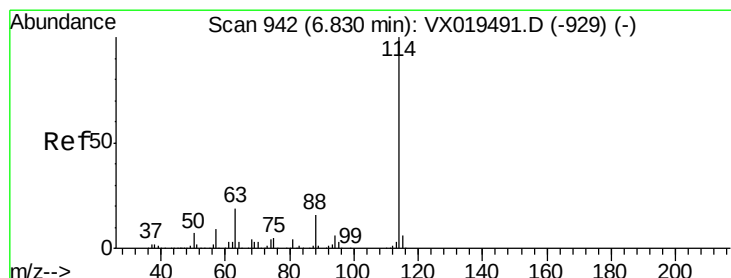
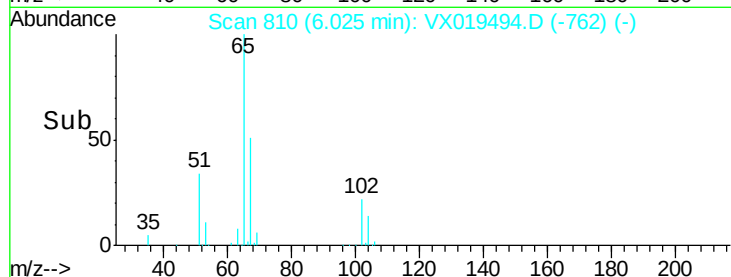
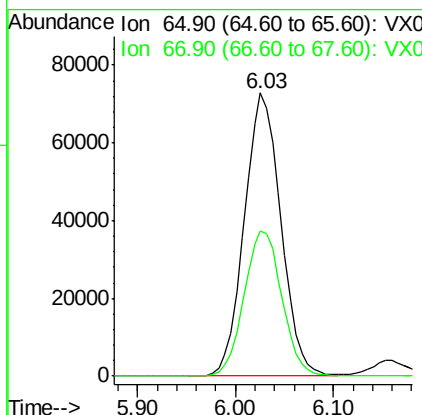
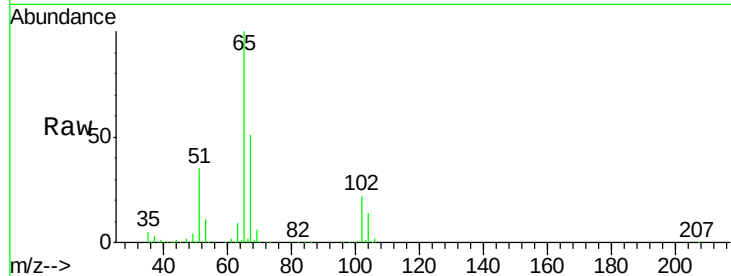




#33
 1,2-Dichloroethane-d4
 Concen: 49.750 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

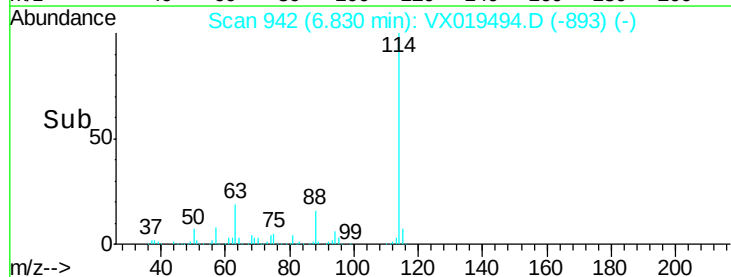
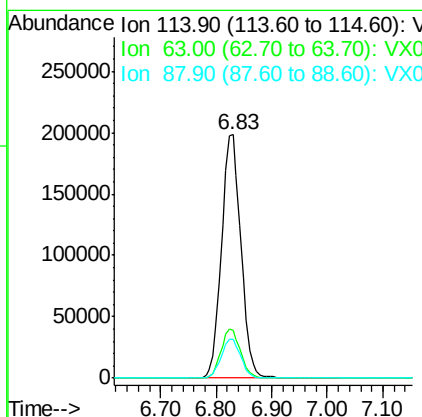
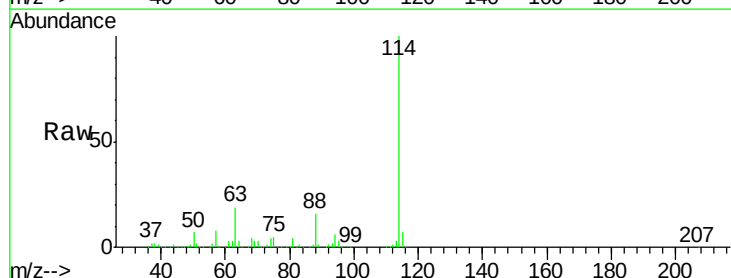
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

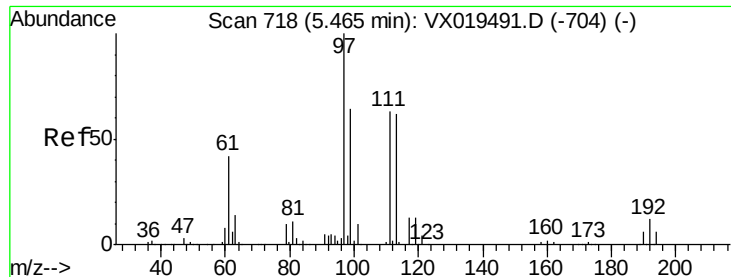
Tot Ion: 65 Resp: 188690
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion: 114 Resp: 478387
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.558 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

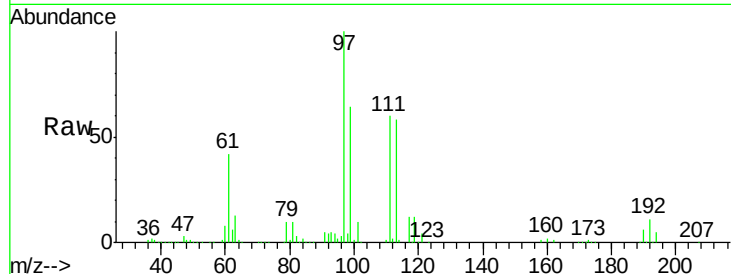
Tot Ion:113 Resp: 154821

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

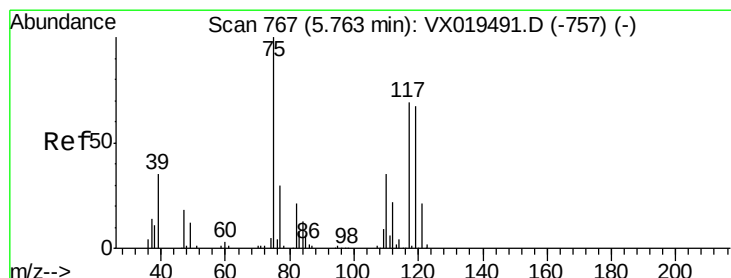
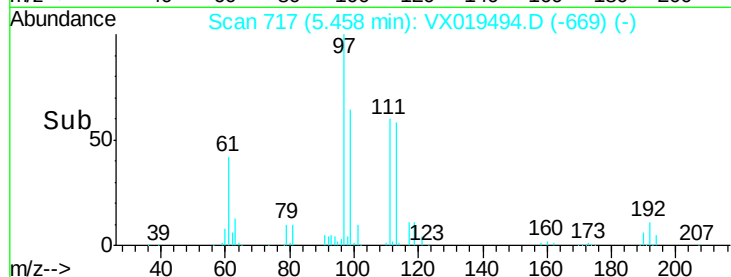
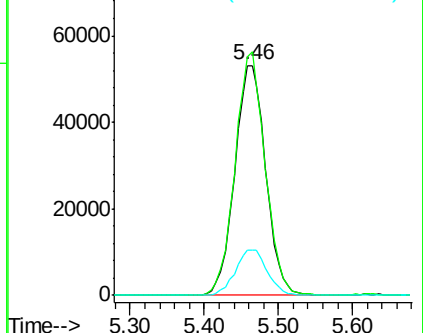
192 20.2 16.2 24.2



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: 54.085 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

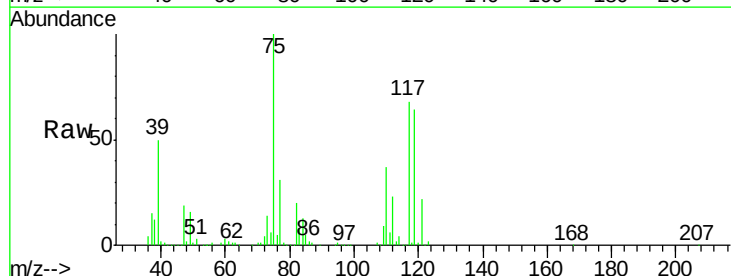
Tgt Ion: 75 Resp: 242566

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.3

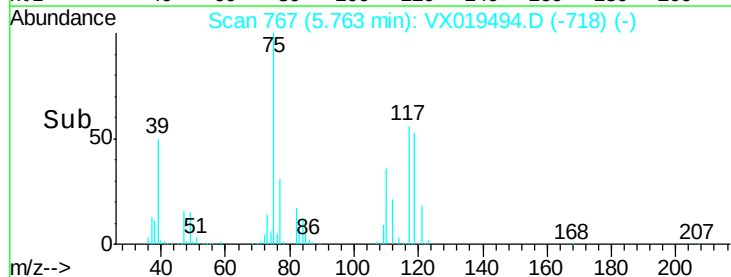
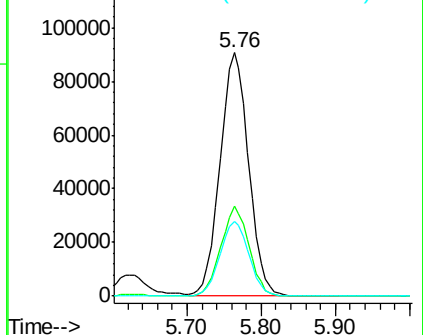
77 31.0 24.2 36.4

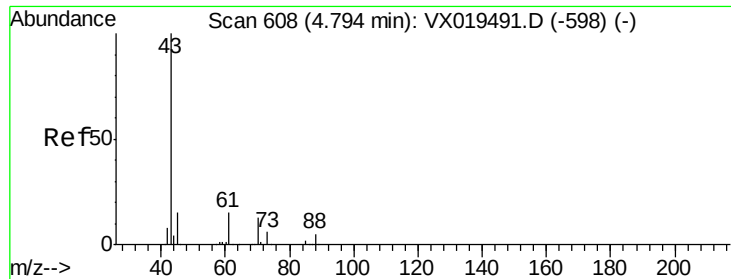


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

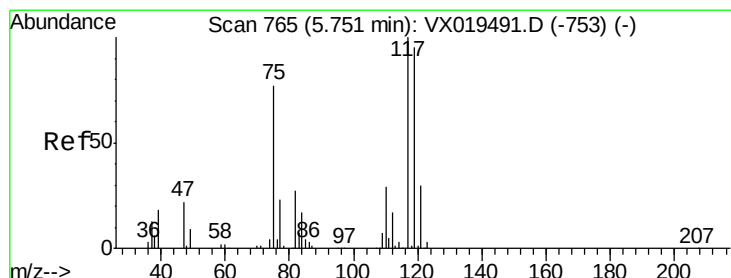
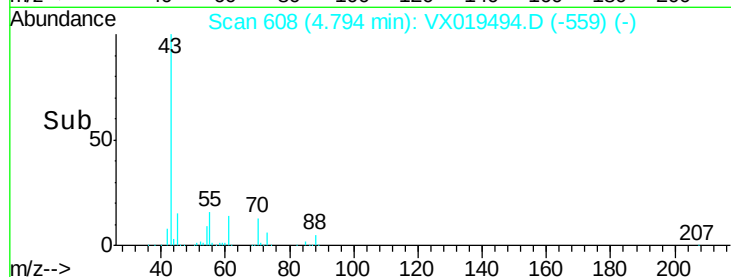
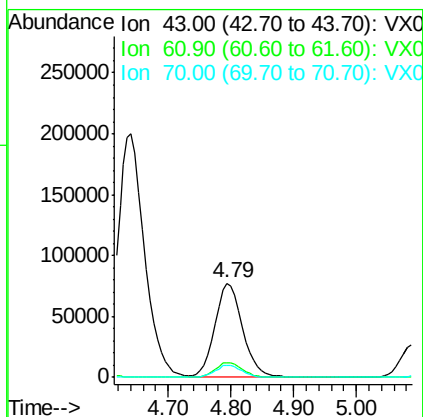
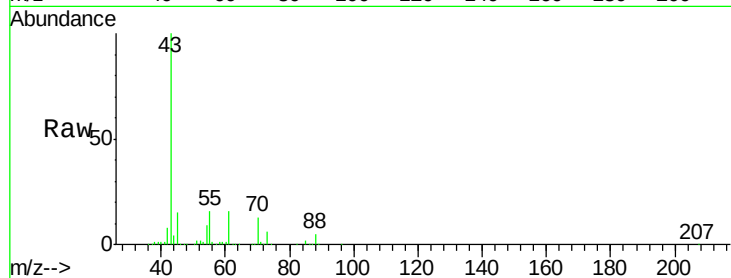




#37
Ethyl Acetate
Concen: 55.942 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

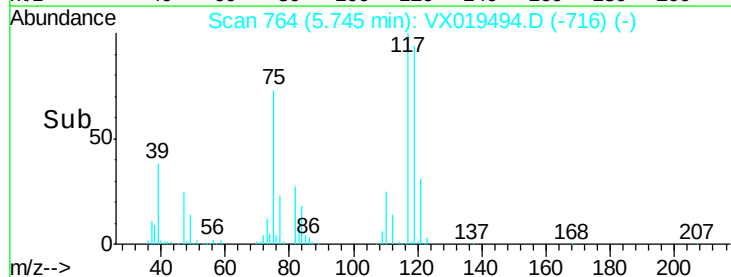
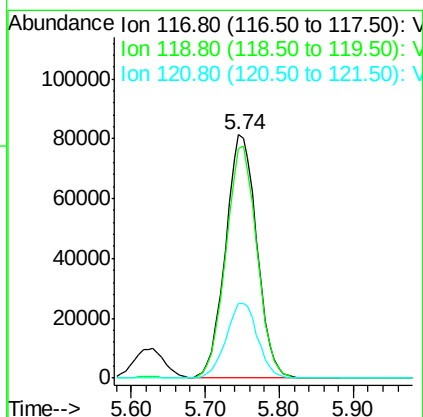
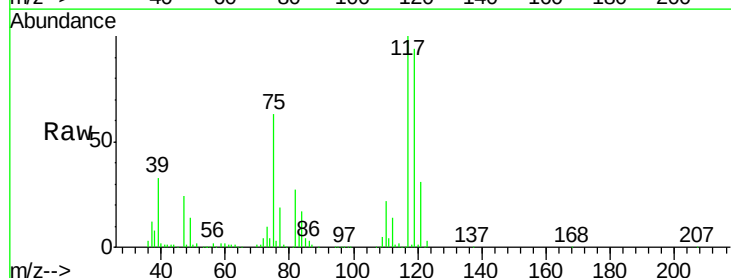
Instrument :
MSVOA_X
ClientSampled :
ICVVX112120

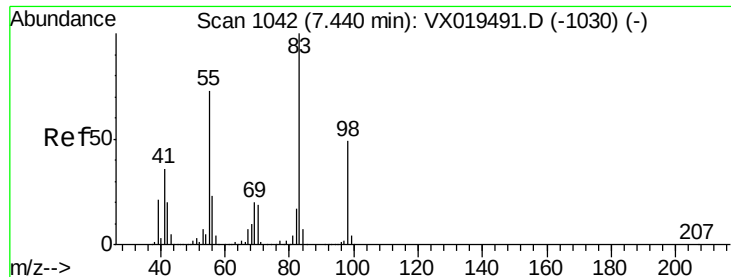
Tot Ion: 43 Resp: 235536
Ion Ratio Lower Upper
43 100
61 15.4 12.7 19.1
70 12.6 10.2 15.2



#38
Carbon Tetrachloride
Concen: 55.139 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 117 Resp: 239362
Ion Ratio Lower Upper
117 100
119 94.4 75.9 113.9
121 30.9 24.0 36.0

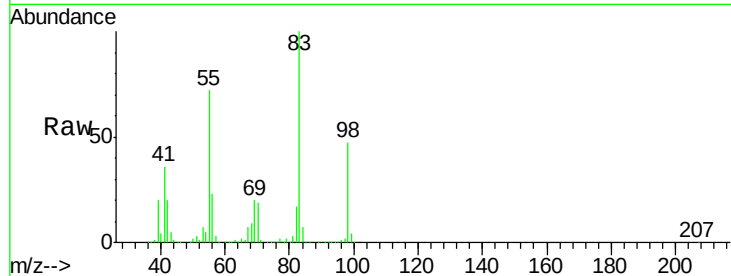




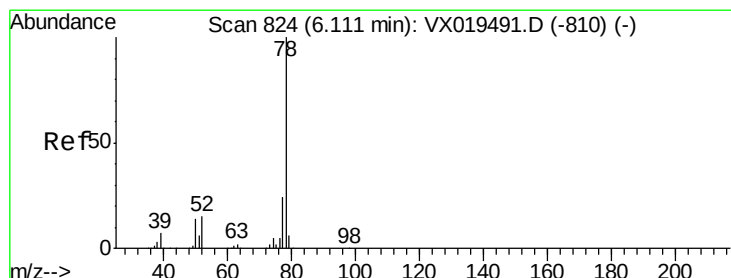
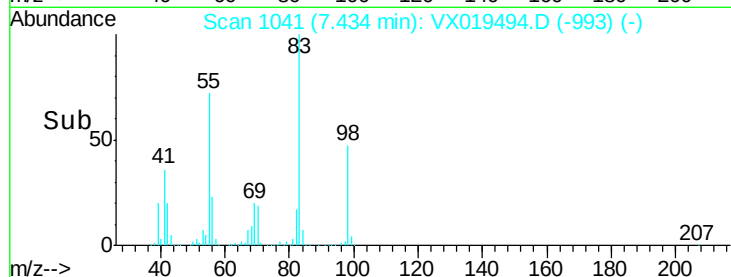
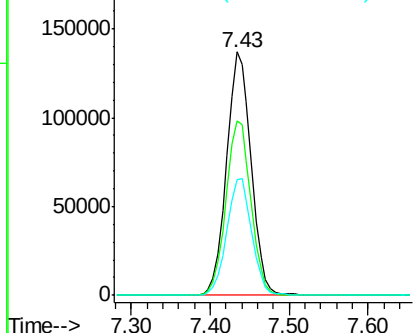
#39
Methylvlcyclohexane
Concen: 56.785 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion: 83 Resp: 296532
Ion Ratio Lower Upper
83 100
55 71.7 58.3 87.5
98 47.4 38.9 58.3

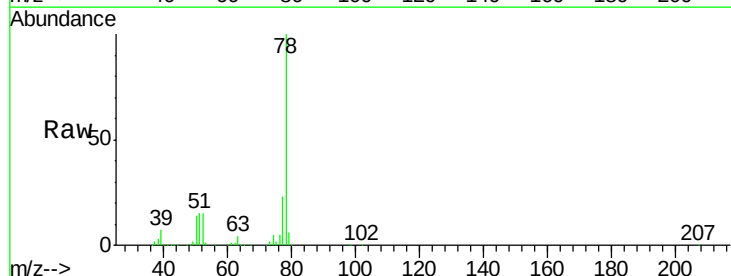


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

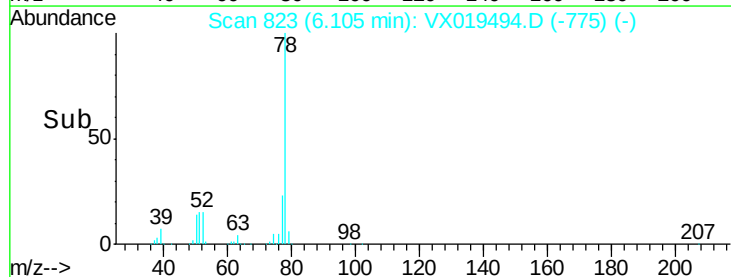
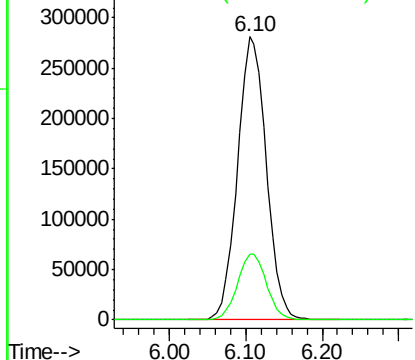


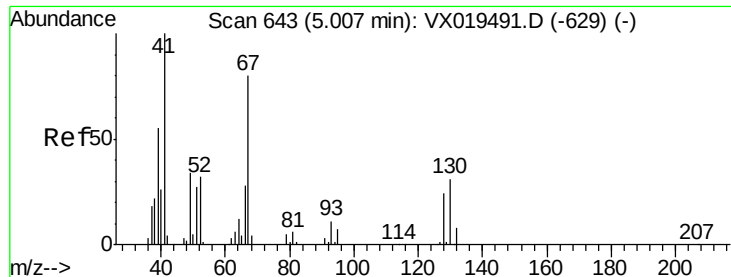
#40
Benzene
Concen: 53.287 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 78 Resp: 734290
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



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

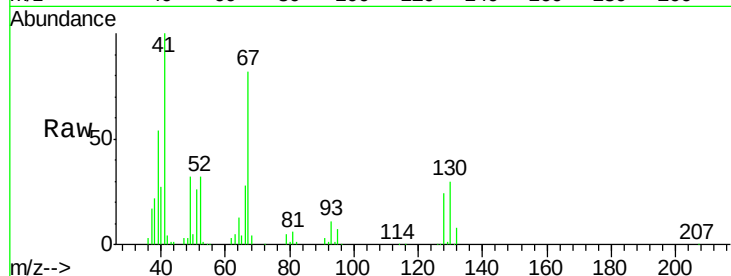




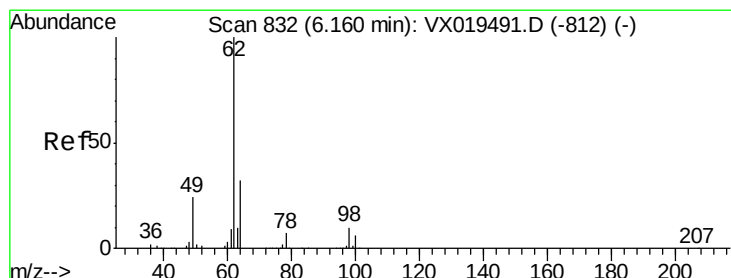
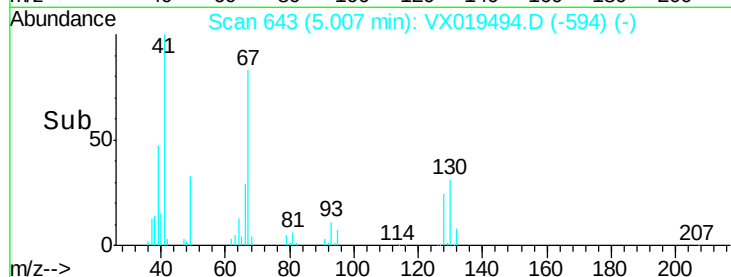
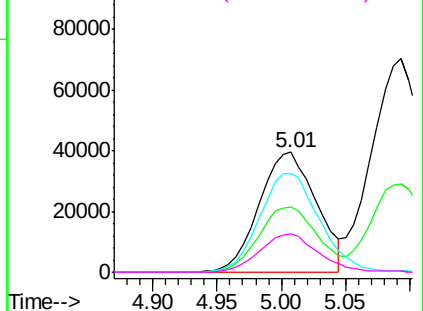
#41
Methacrylonitrile
Concen: 52.409 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion:	41	Resp:	121684
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.3	64.9
67	86.6	66.0	99.0
52	32.6	25.4	38.2

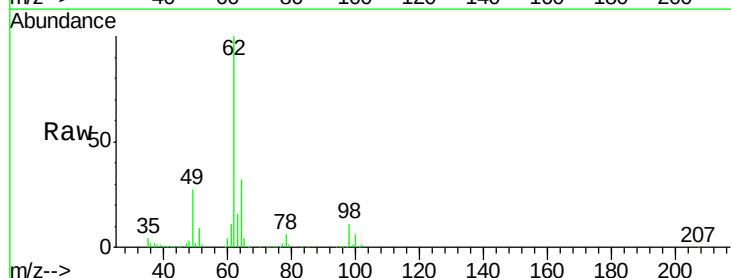


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

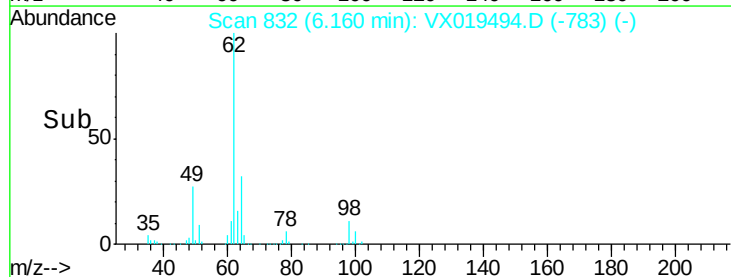
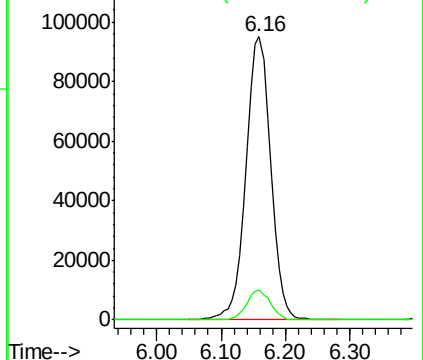


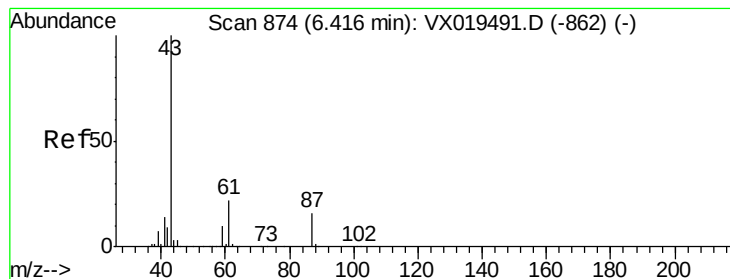
#42
1,2-Dichloroethane
Concen: 53.051 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:	62	Resp:	250567
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



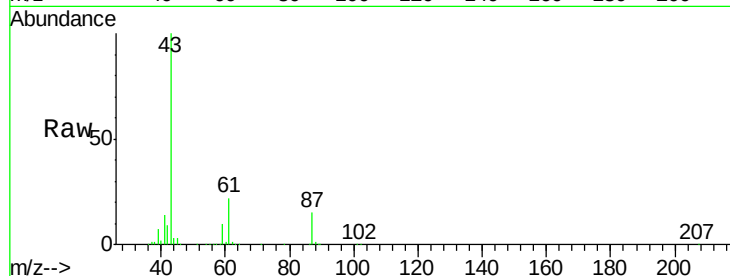


#43

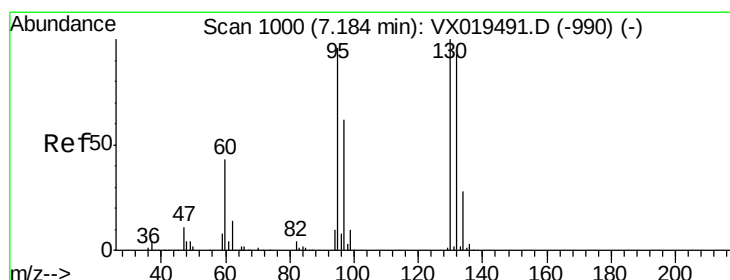
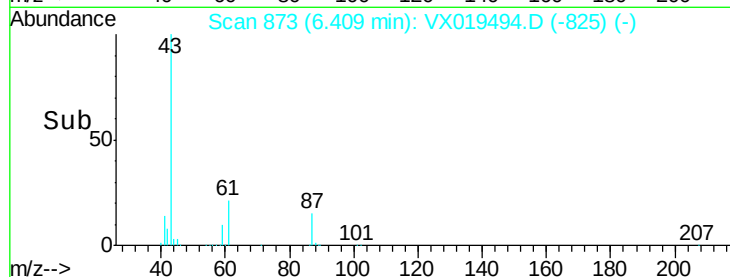
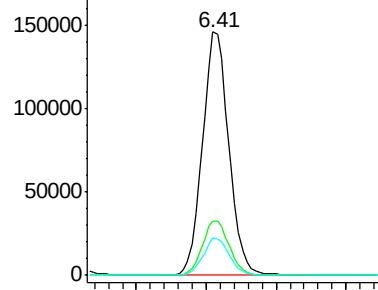
Isopropyl Acetate
 Concen: 53.807 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.4	12.6	18.8



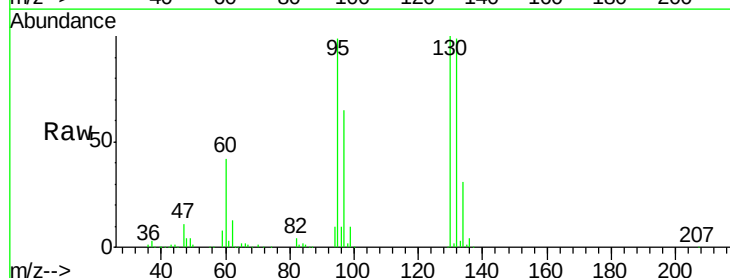
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



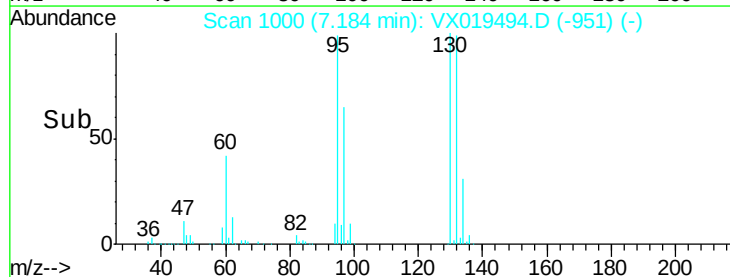
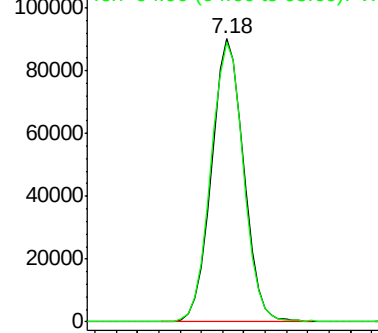
#44

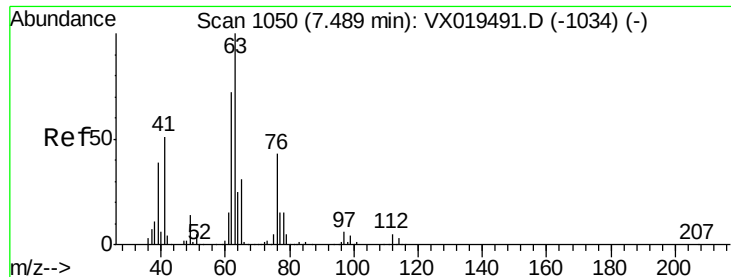
Trichloroethene
 Concen: 53.098 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	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: 54.126 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

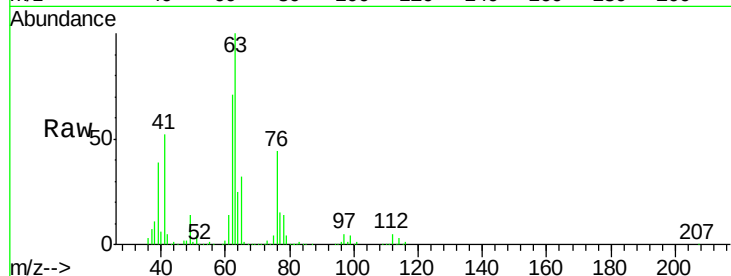
ICVVX112120

Tot Ion: 63 Resp: 183615

Ion Ratio Lower Upper

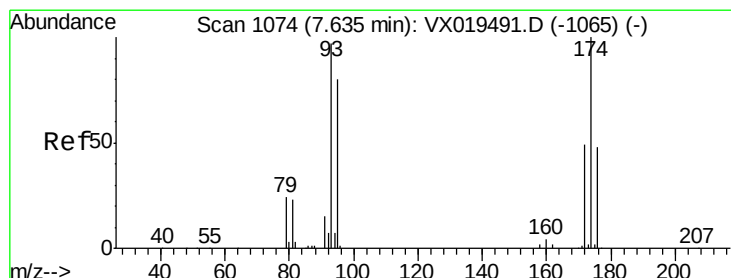
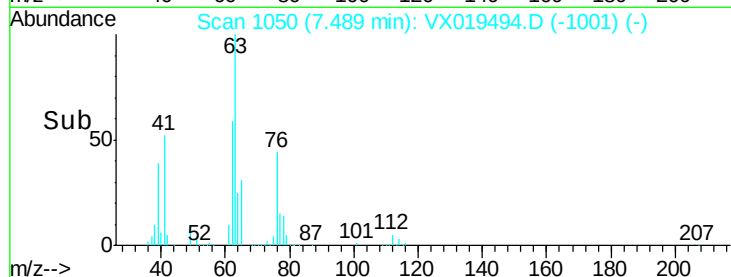
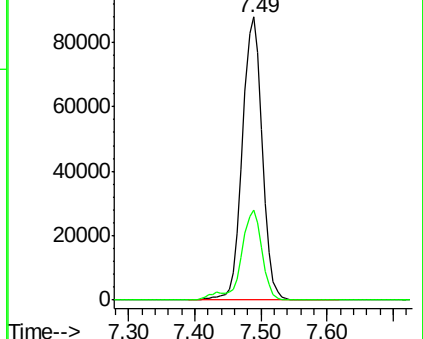
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.137 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

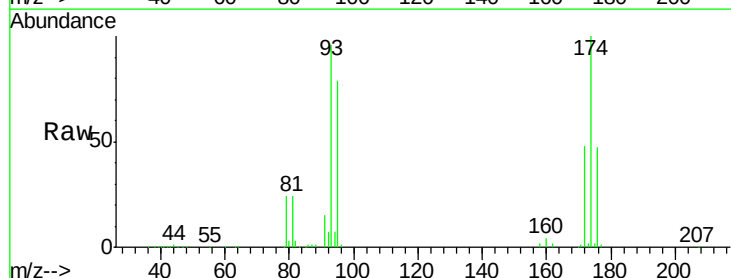
Tgt Ion: 93 Resp: 125696

Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

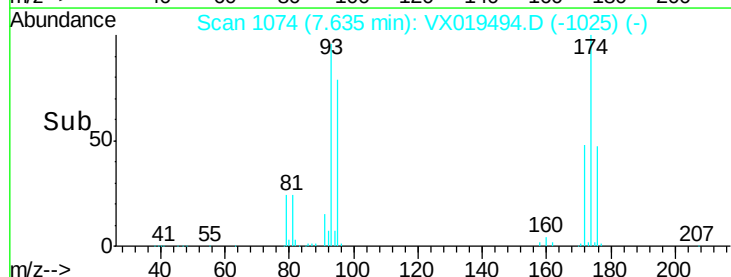
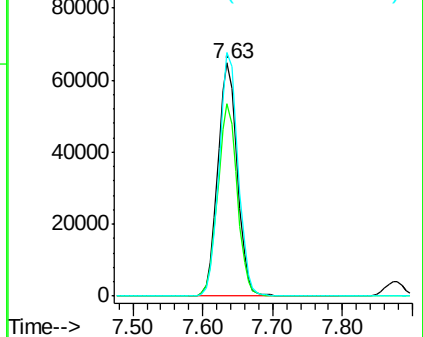
174 101.7 83.0 124.4

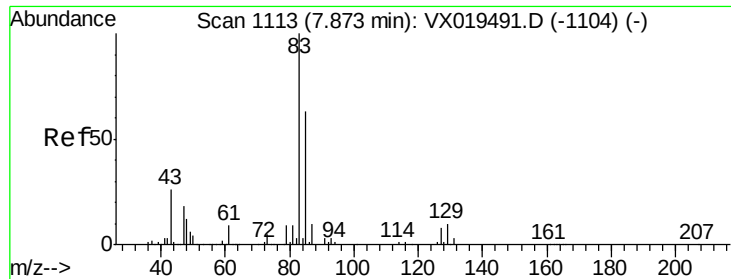


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.643 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

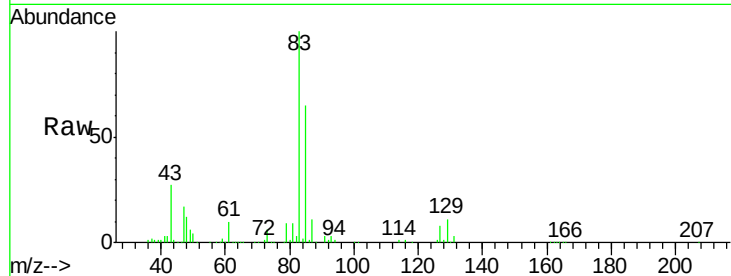
Tot Ion: 83 Resp: 250691

Ion Ratio Lower Upper

83 100

85 65.0 50.2 75.2

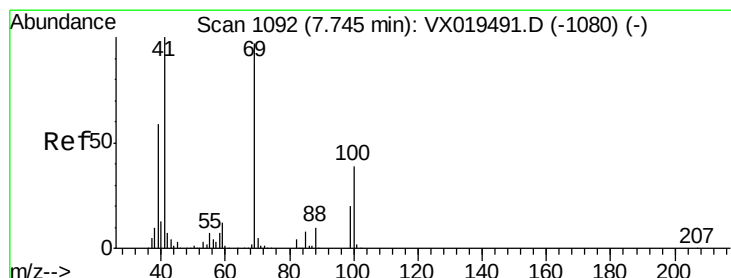
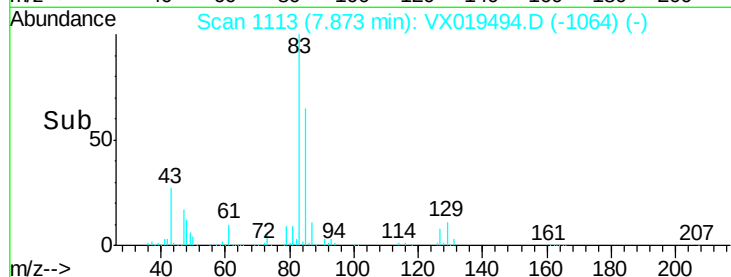
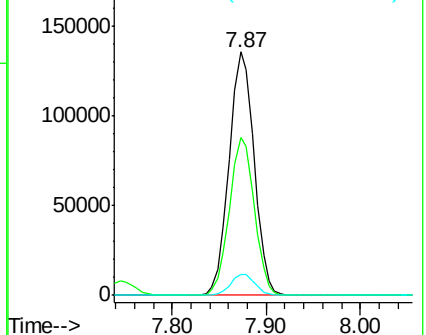
127 8.5 6.4 9.6



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: 56.244 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

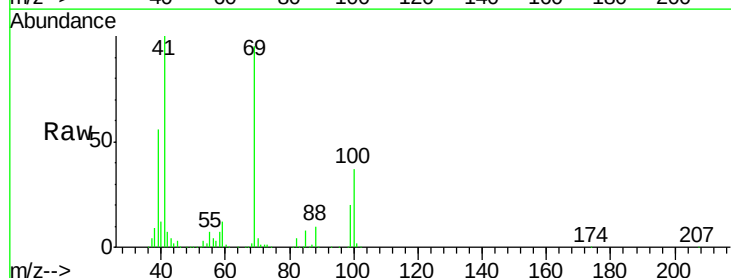
Tgt Ion: 41 Resp: 186430

Ion Ratio Lower Upper

41 100

69 95.6 77.0 115.6

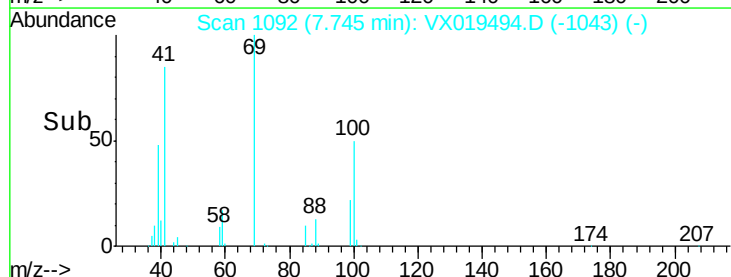
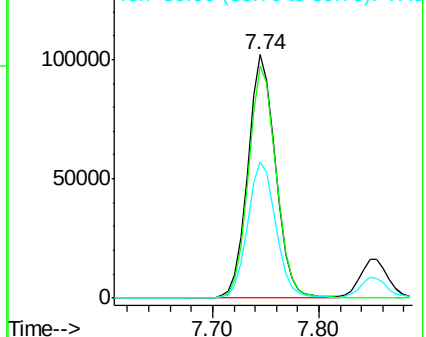
39 56.8 45.6 68.4

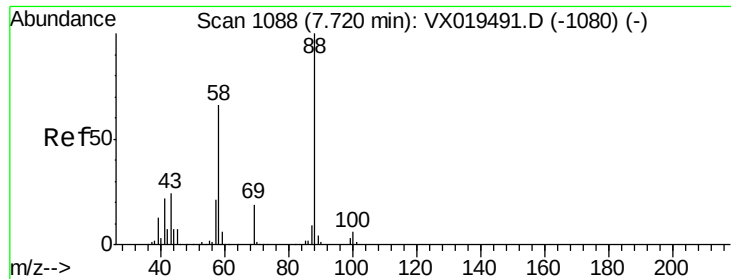


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

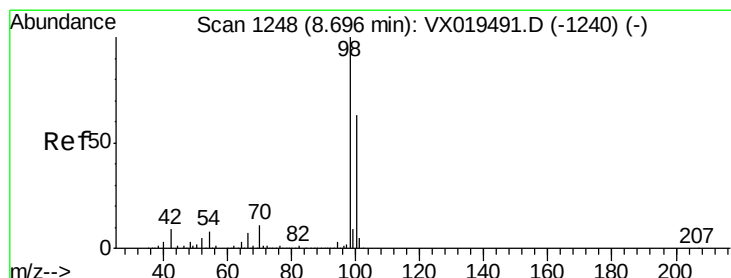
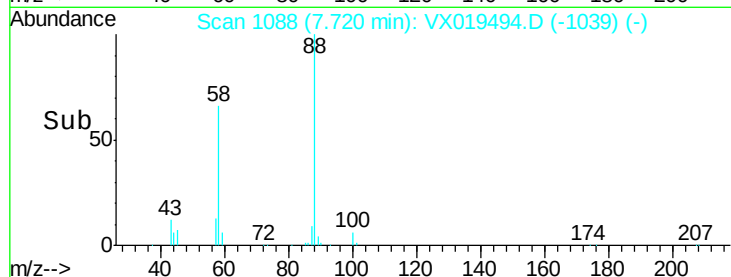
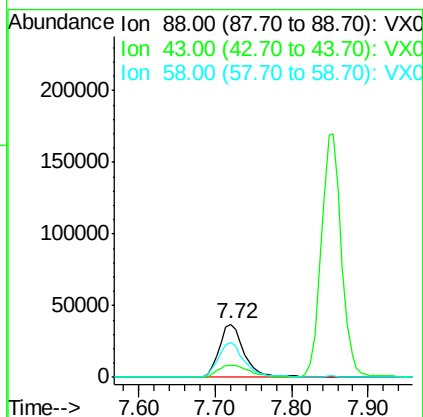
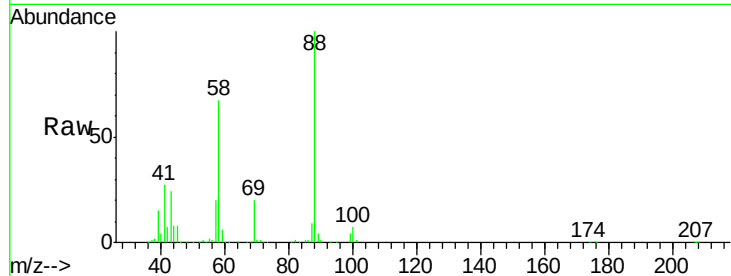




#49
1,4-Dioxane
Concen: 1115.993 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

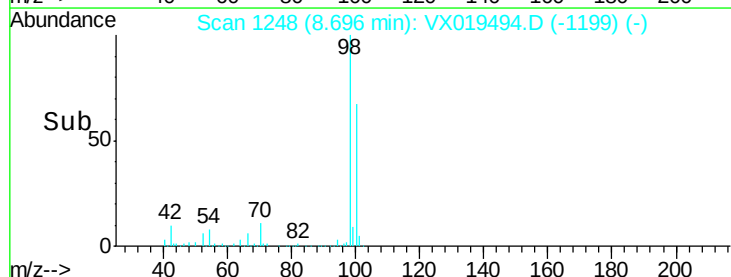
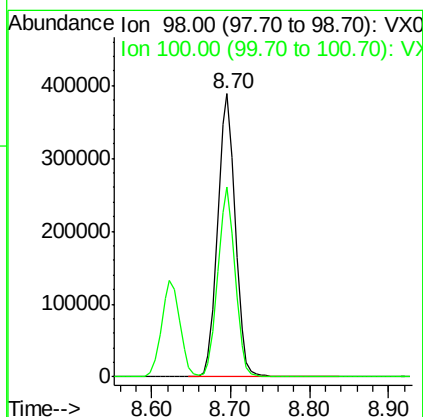
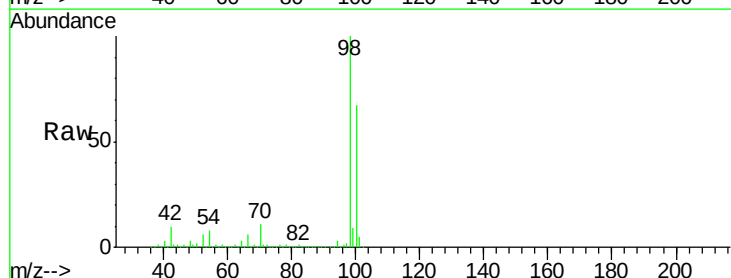
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

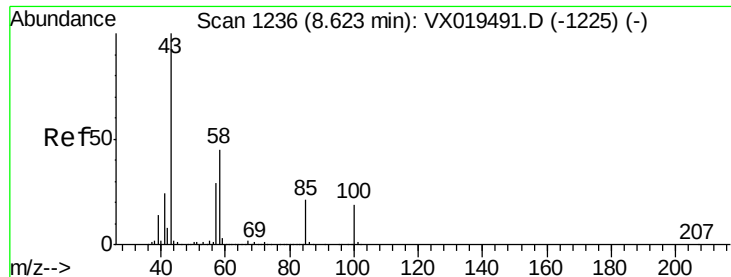
Tot Ion: 88 Resp: 83990
Ion Ratio Lower Upper
88 100
43 28.3 23.8 35.6
58 68.0 54.2 81.2



#50
Toluene-d8
Concen: 51.721 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 98 Resp: 603515
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

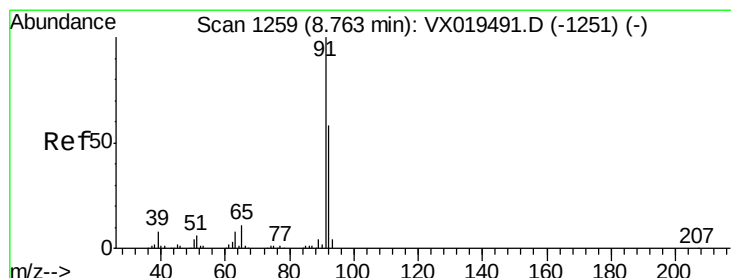
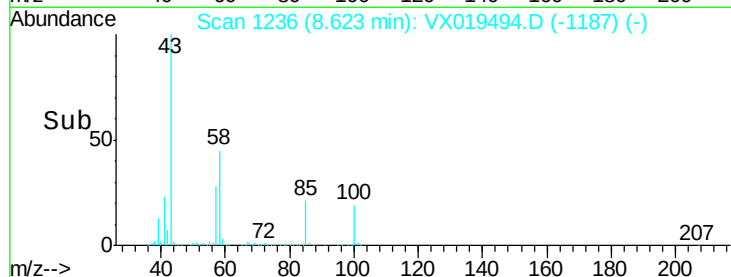
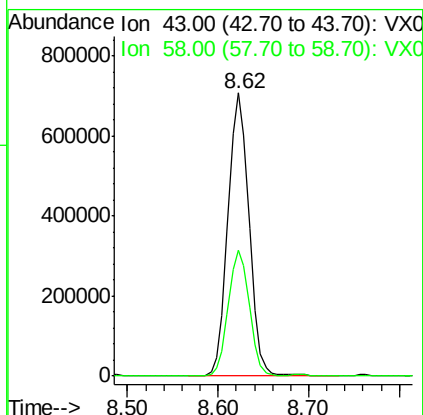
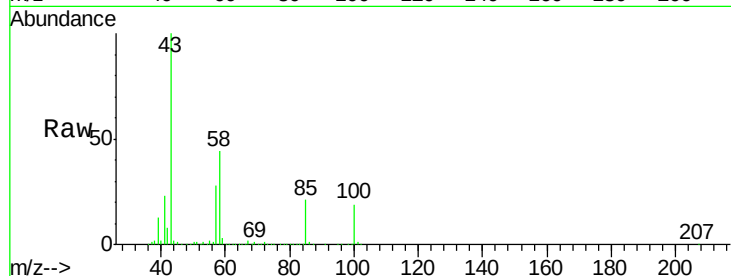




#51
 4-Methyl-2-Pentanone
 Concen: 277.351 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

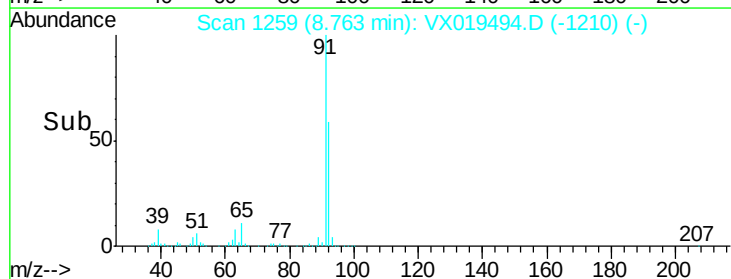
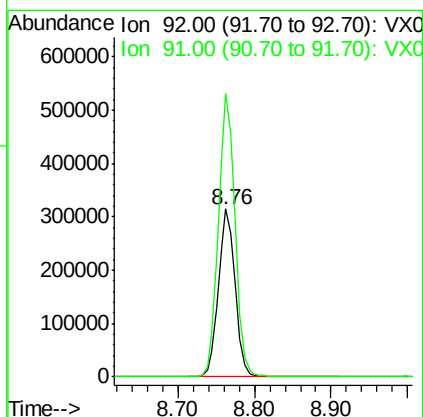
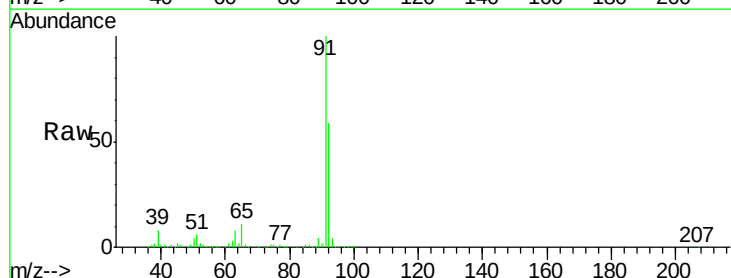
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

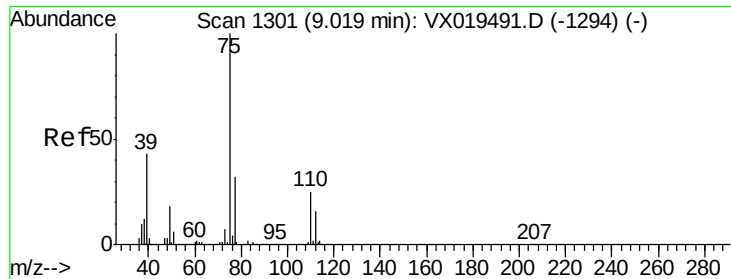
Tot Ion: 43 Resp: 1144684
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7



#52
 Toluene
 Concen: 55.978 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion: 92 Resp: 471885
 Ion Ratio Lower Upper
 92 100
 91 168.9 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 57.860 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

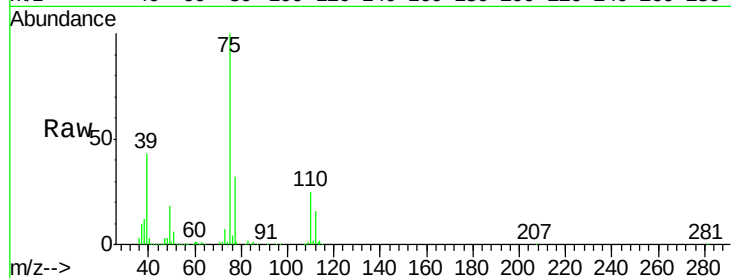
ICVVX112120

Tot Ion: 75 Resp: 281532

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

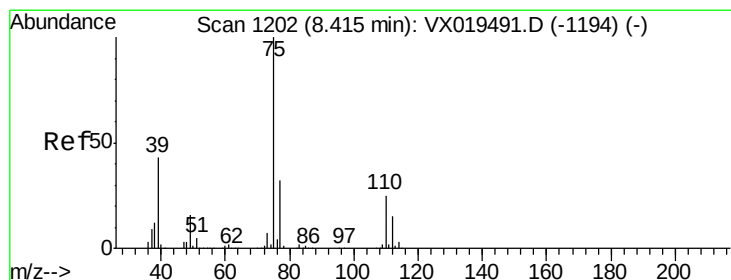
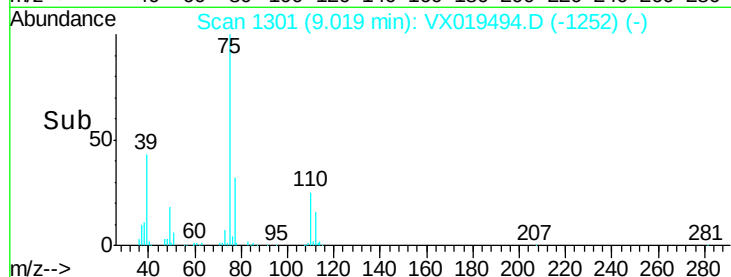
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 57.057 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

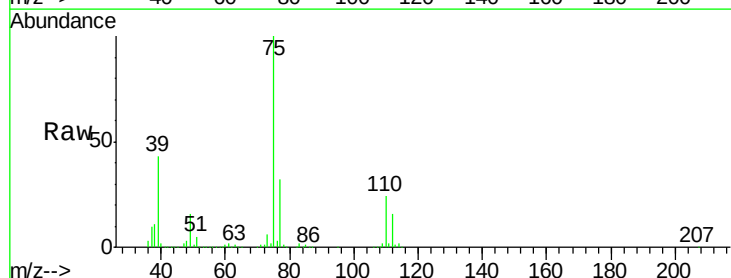
Tgt Ion: 75 Resp: 308092

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 43.3 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

250000

200000

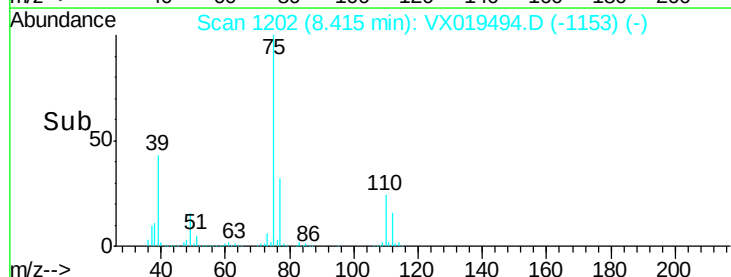
150000

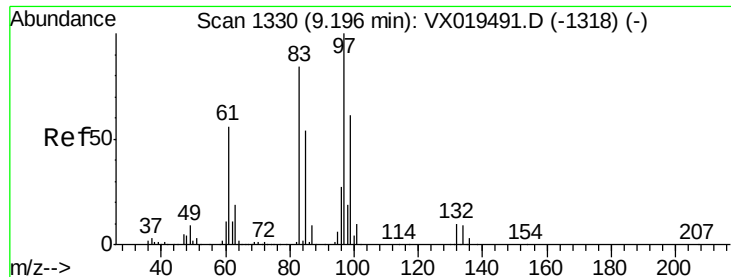
100000

50000

0

Time--> 8.30 8.40 8.50

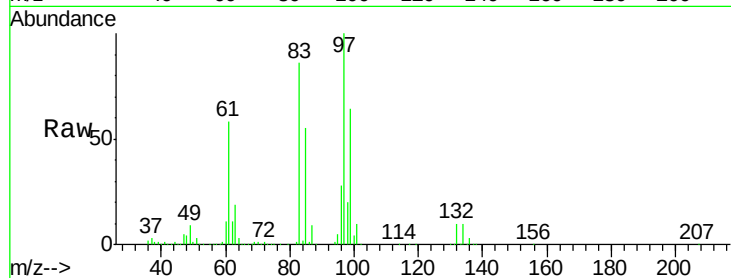




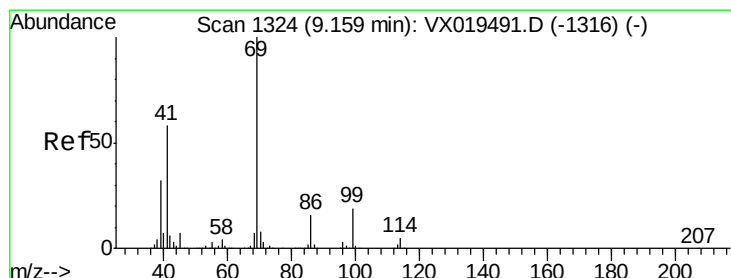
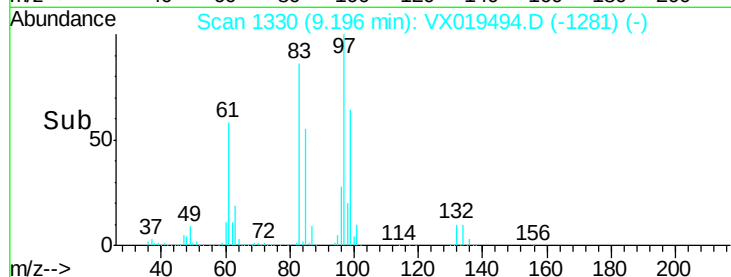
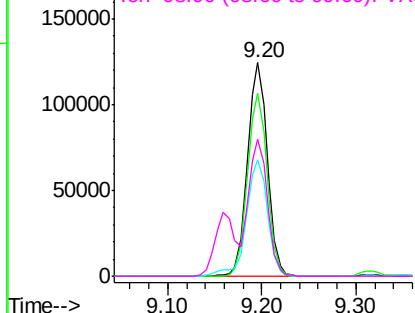
#55
 1,1,2-Trichloroethane
 Concen: 53.570 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion:	97	Resp:	183912
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.6
85	54.7	43.4	65.0
99	64.2	49.0	73.4

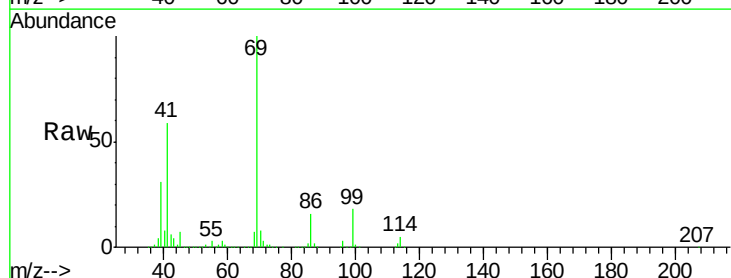


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

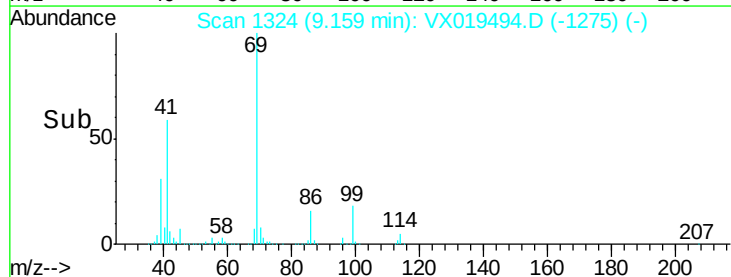
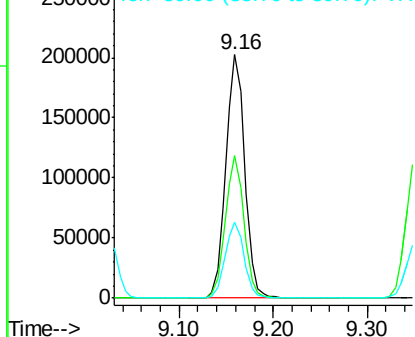


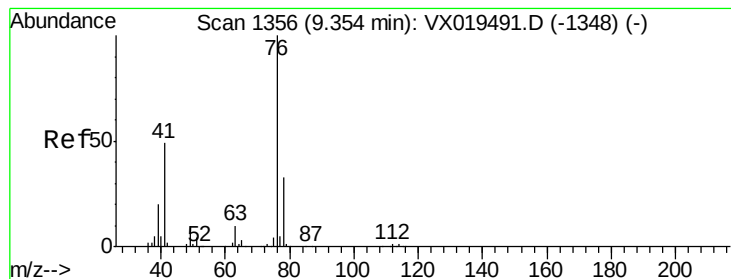
#56
 Ethyl methacrylate
 Concen: 58.004 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion:	69	Resp:	281780
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.2	69.2
39	31.4	25.5	38.3



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





#57

1,3-Dichloropropane

Concen: 54.798 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

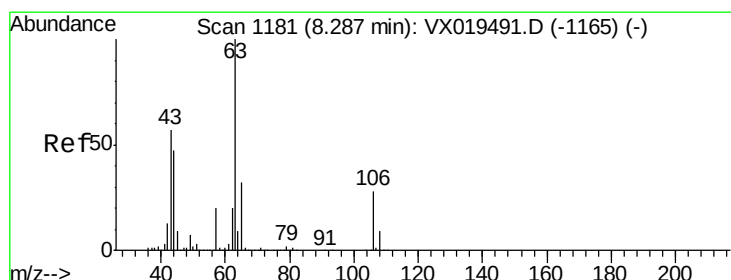
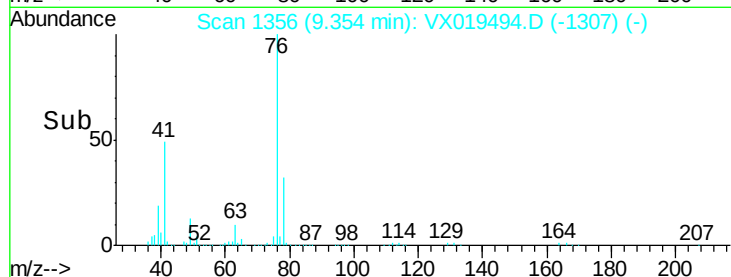
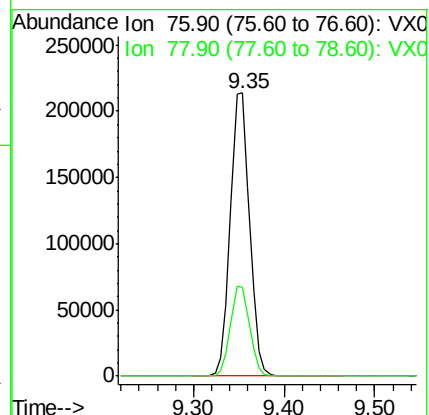
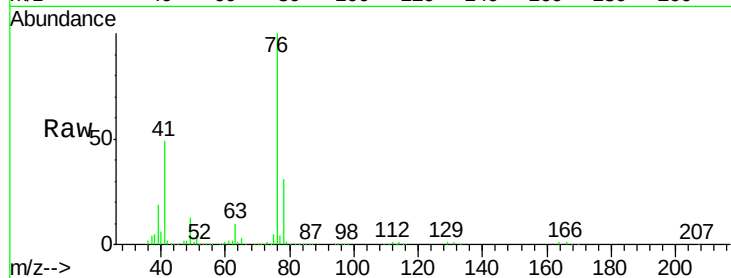
ICVVX112120

Tot Ion: 76 Resp: 314971

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 283.447 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019494.D

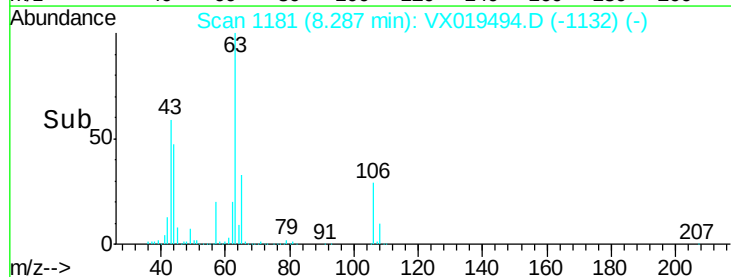
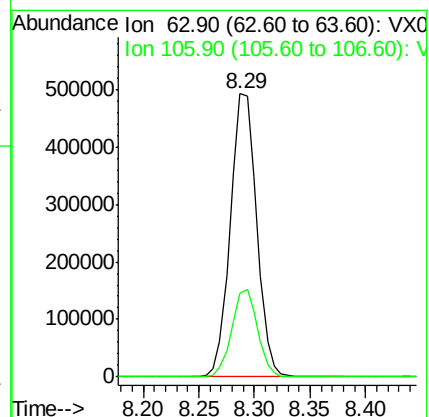
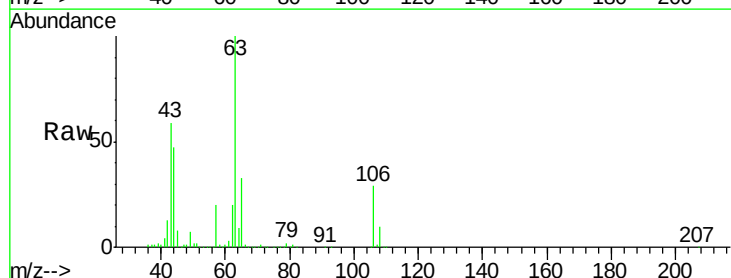
Acq: 20 Nov 2020 12:28

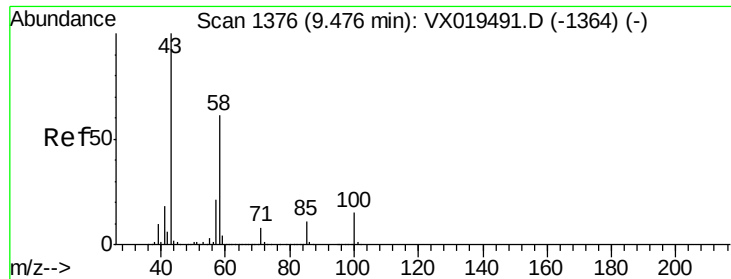
Tgt Ion: 63 Resp: 806840

Ion Ratio Lower Upper

63 100

106 30.2 23.7 35.5

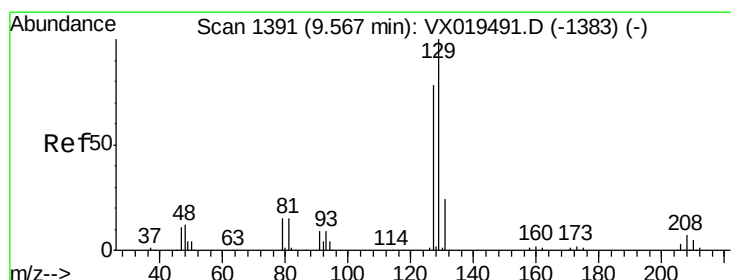
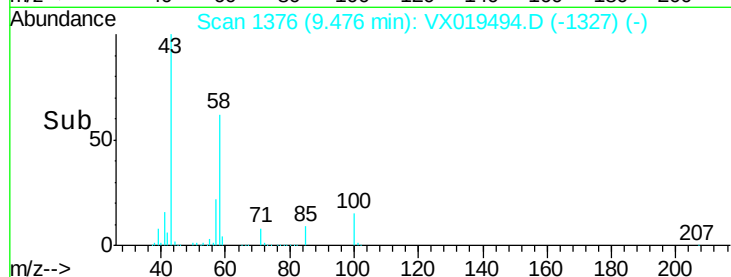
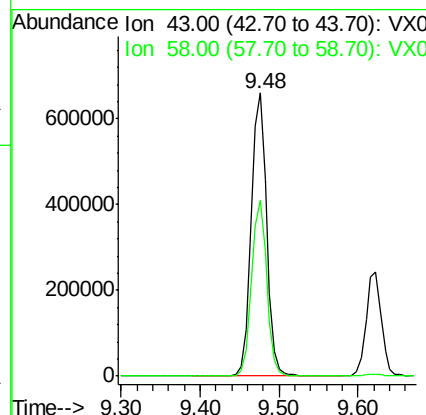
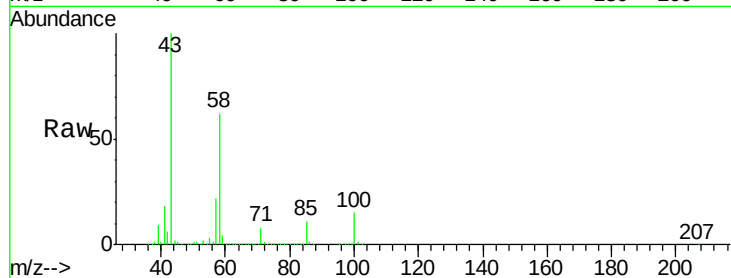




#59
2-Hexanone
Concen: 284.608 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

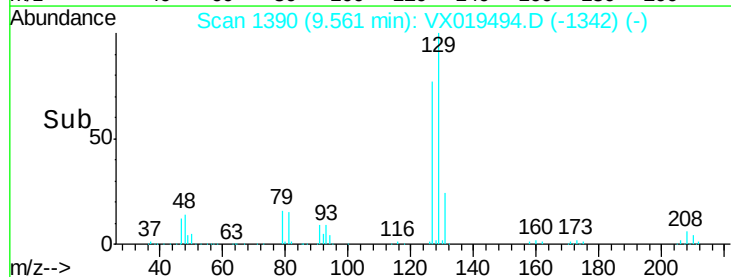
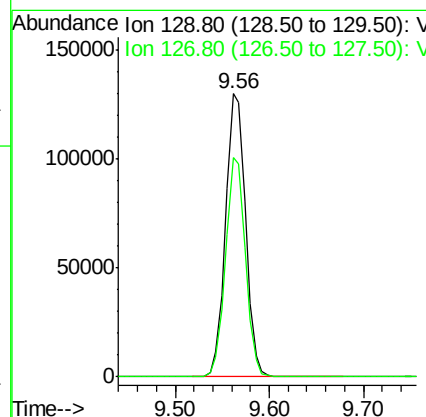
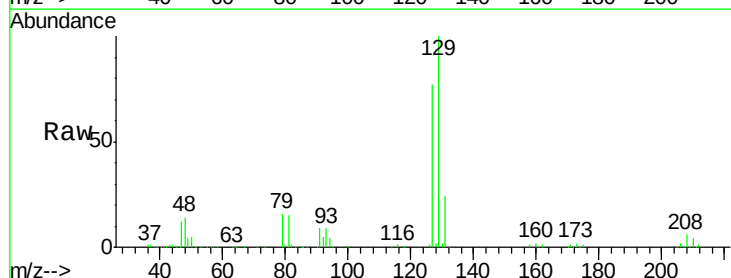
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

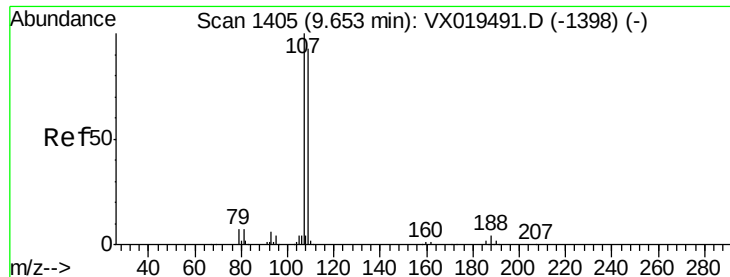
Tot Ion: 43 Resp: 890867
Ion Ratio Lower Upper
43 100
58 61.6 30.6 91.6



#60
Dibromochloromethane
Concen: 56.858 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 129 Resp: 191200
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 54.904 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

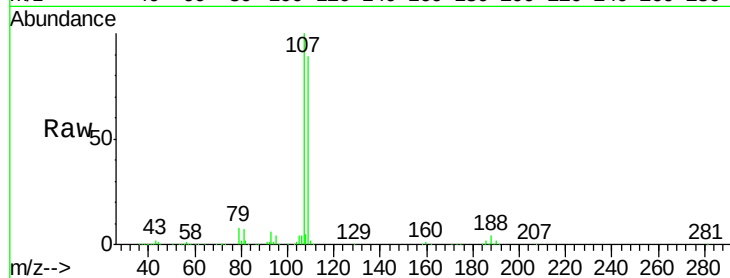
ICVVX112120

Tot Ion: 107 Resp: 194295

Ion Ratio Lower Upper

107 100

109 93.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

150000

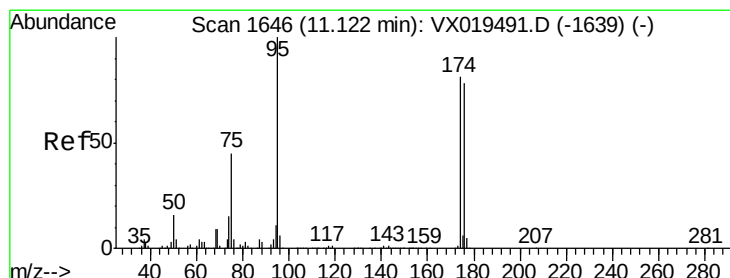
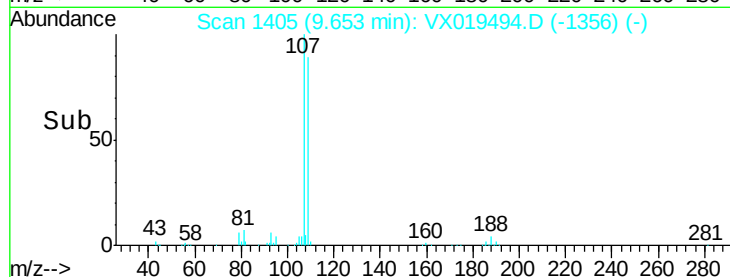
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

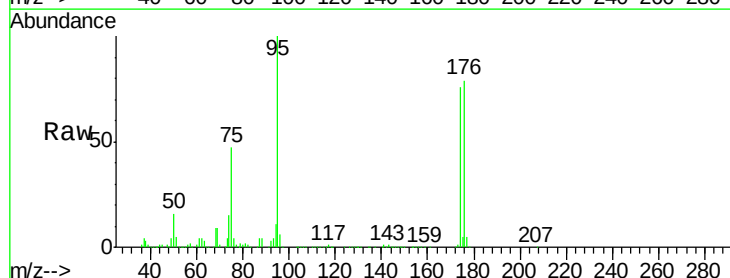
Tgt Ion: 95 Resp: 222899

Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.2

176 75.0 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

11.12

200000

150000

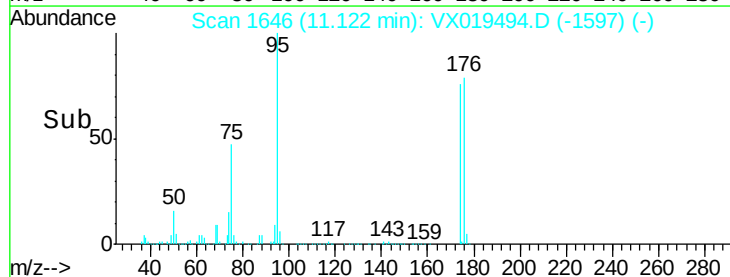
100000

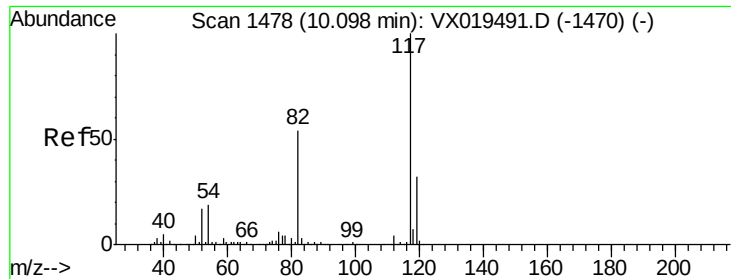
50000

0

Time-->

11.10 11.20

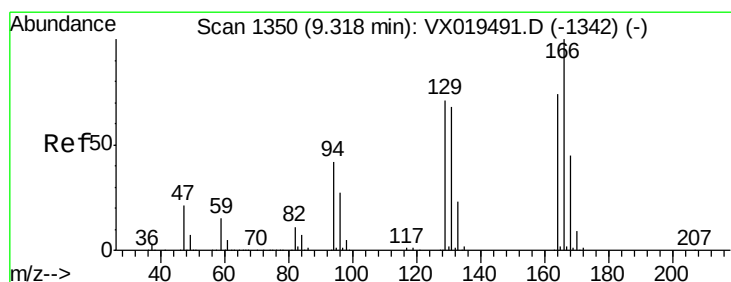
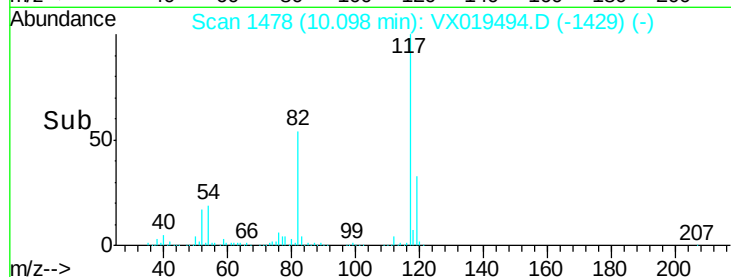
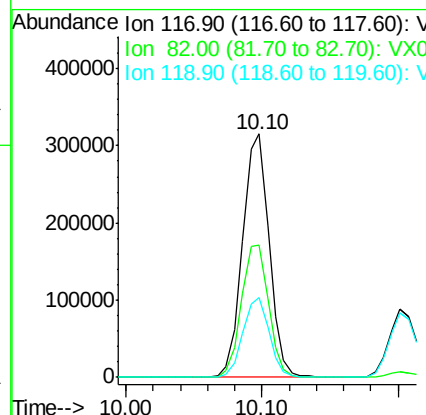
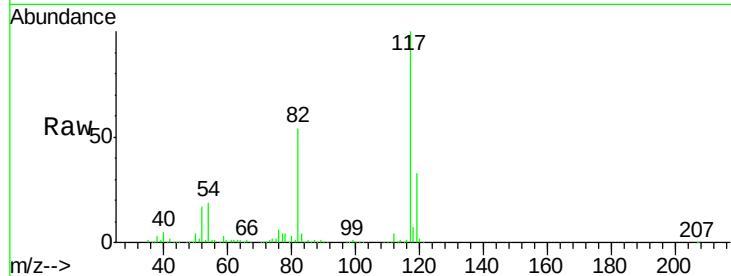




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

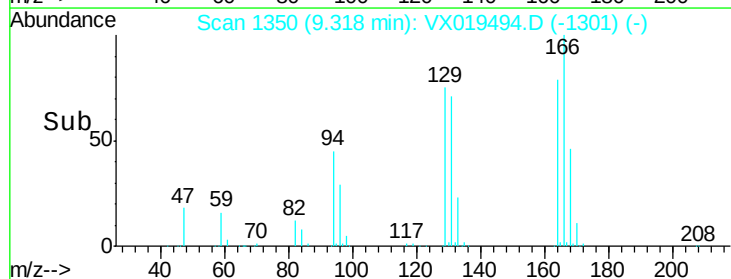
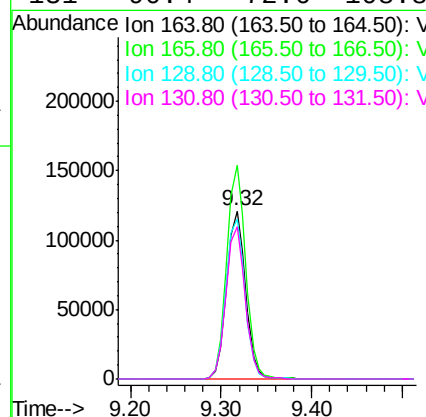
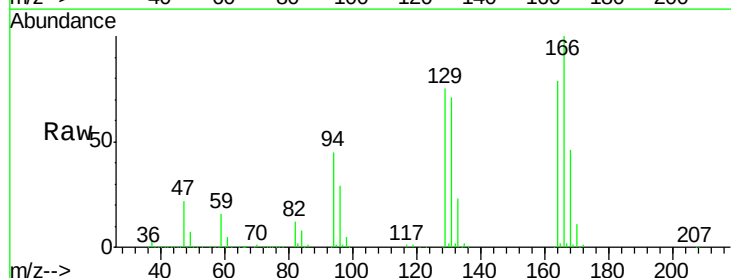
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

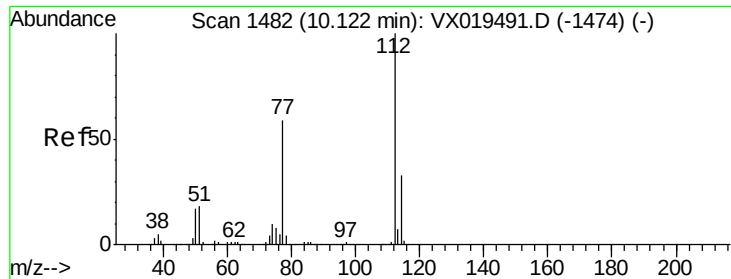
Tot Ion:117 Resp: 429798
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 52.365 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:164 Resp: 176912
Ion Ratio Lower Upper
164 100
166 127.1 107.4 161.0
129 95.2 76.6 114.8
131 90.4 72.6 108.8

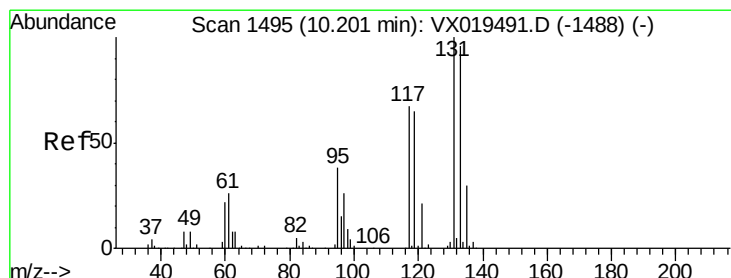
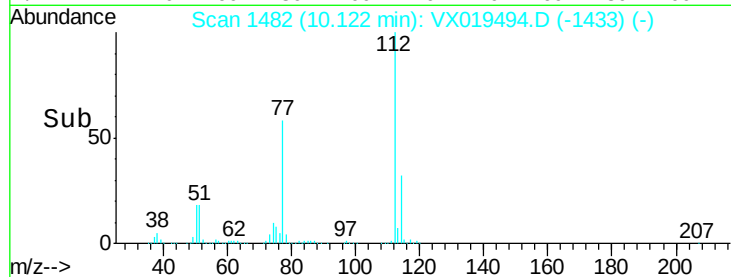
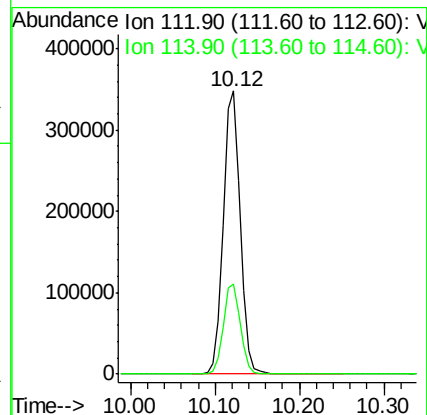
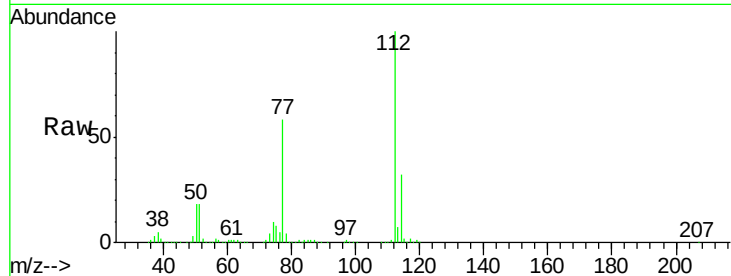




#65
Chlorobenzene
Concen: 54.871 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

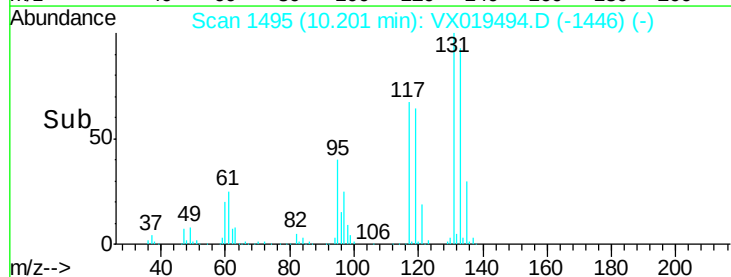
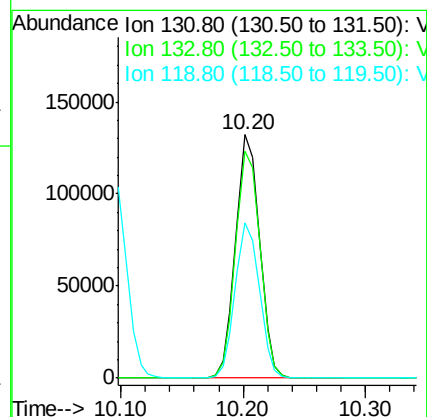
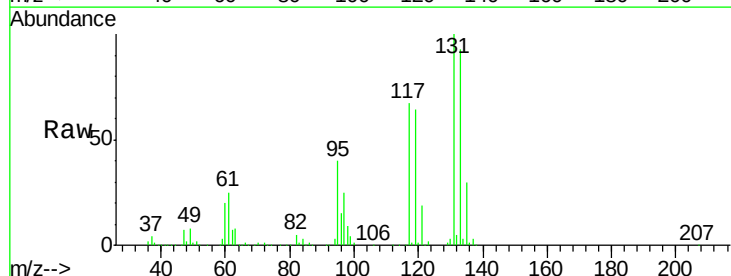
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

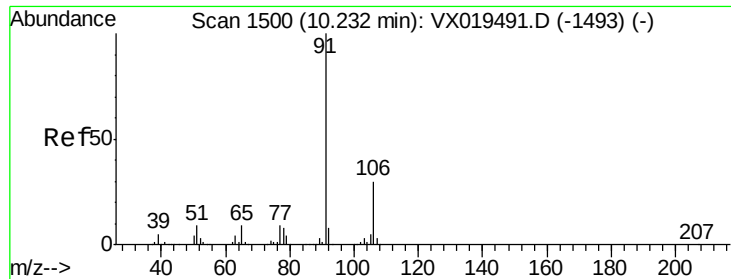
Tot Ion:112 Resp: 484879
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.880 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:131 Resp: 179614
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 64.6 33.0 99.0

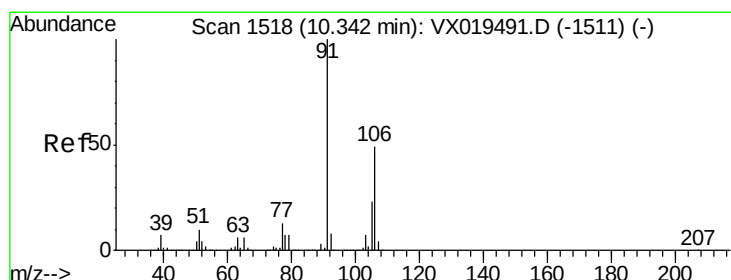
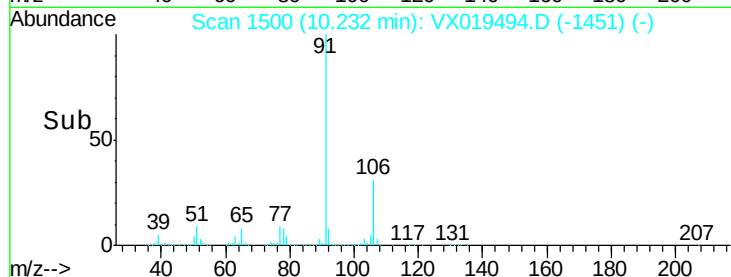
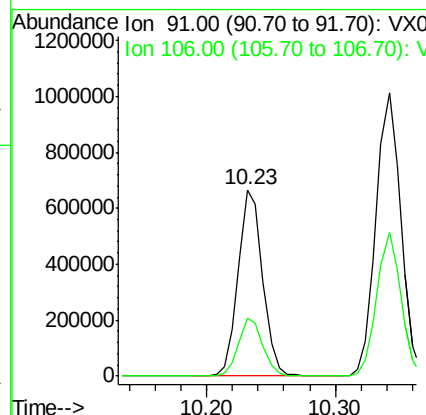
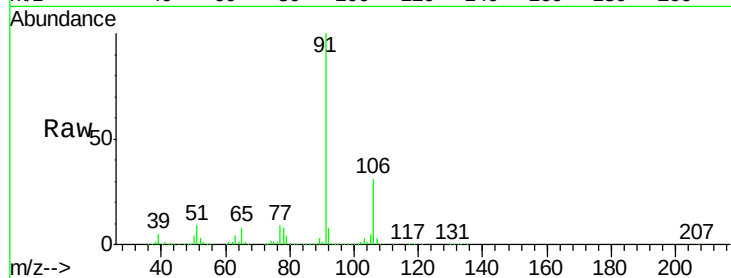




#67
Ethyl Benzene
Concen: 57.248 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

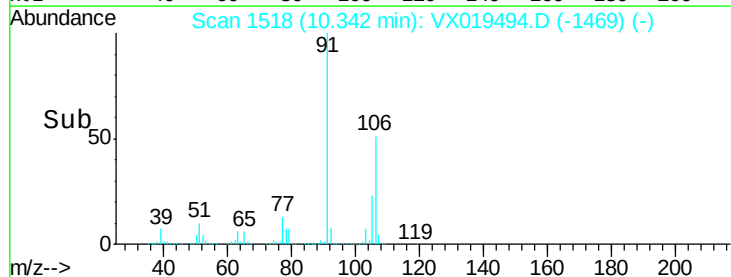
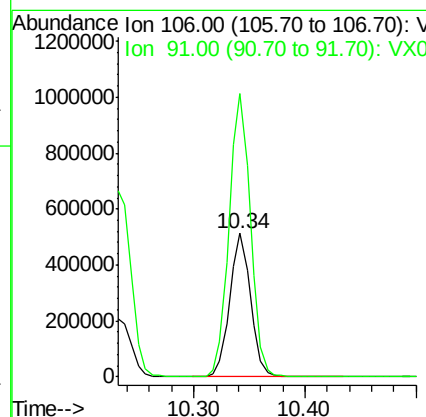
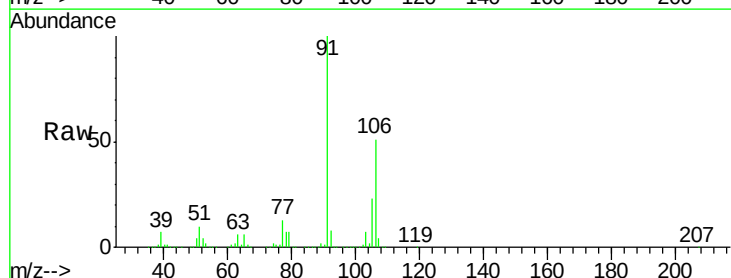
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

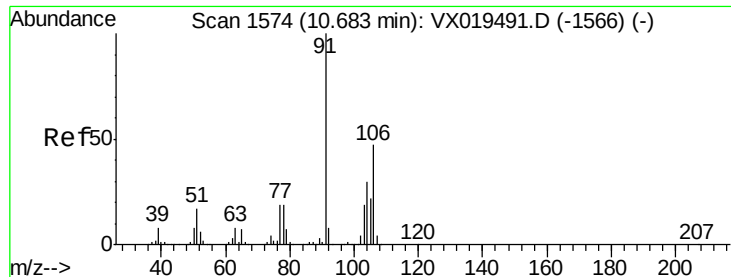
Tot Ion: 91 Resp: 886229
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 115.253 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 106 Resp: 664724
Ion Ratio Lower Upper
106 100
91 202.5 163.3 244.9

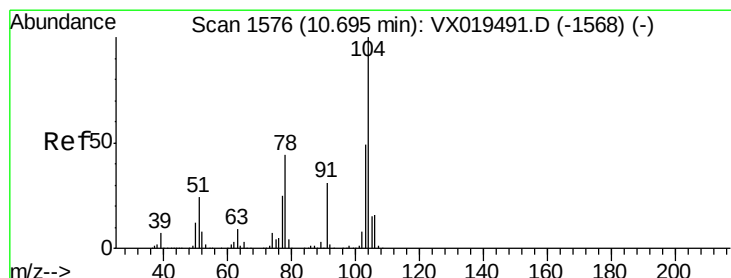
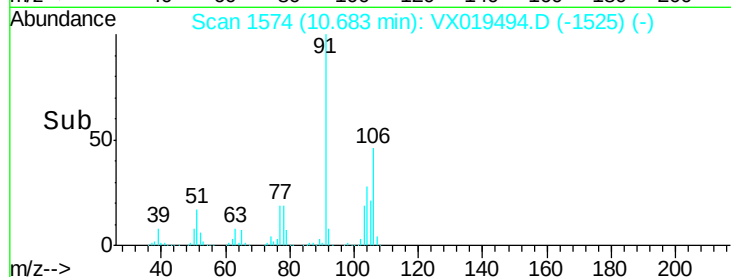
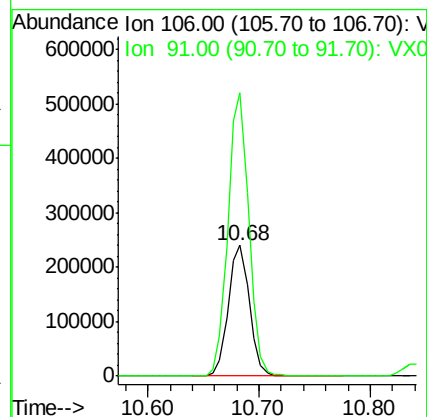
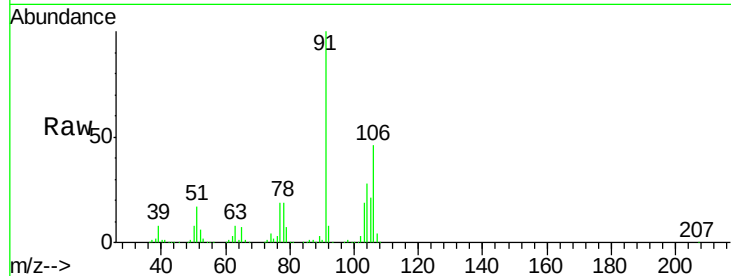




#69
o-Xylene
Concen: 56.930 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

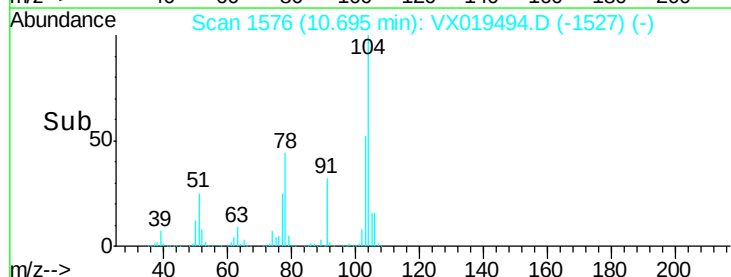
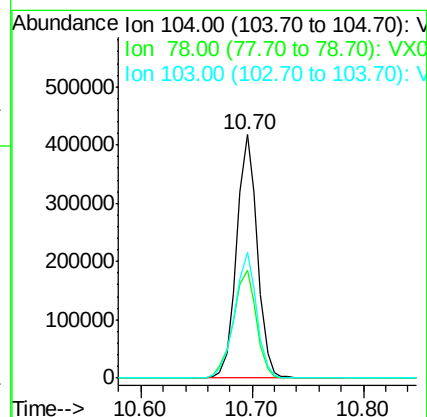
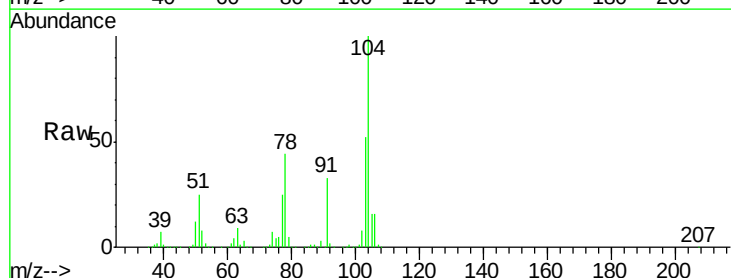
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

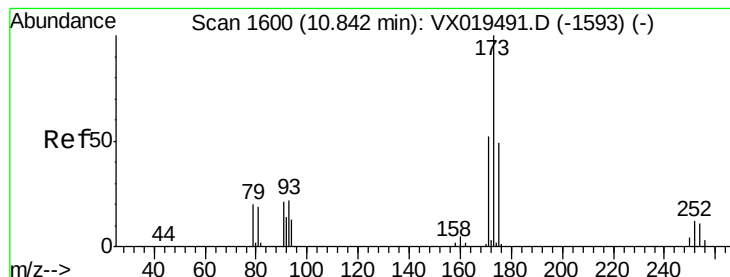
Tot Ion:106 Resp: 313875
Ion Ratio Lower Upper
106 100
91 214.7 108.0 324.0



#70
Styrene
Concen: 52.334 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:104 Resp: 534901
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 55.0 43.6 65.4





#71

Bromoform

Concen: 50.975 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampled :

ICVVX112120

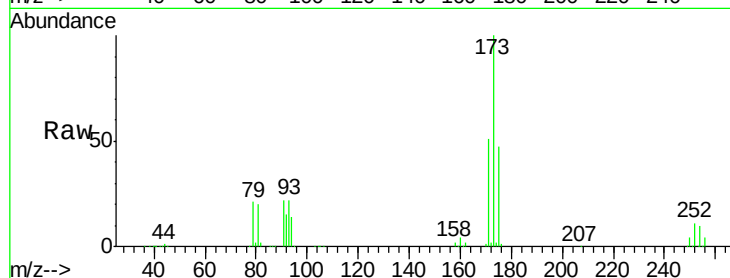
Tot Ion:173 Resp: 139005

Ion Ratio Lower Upper

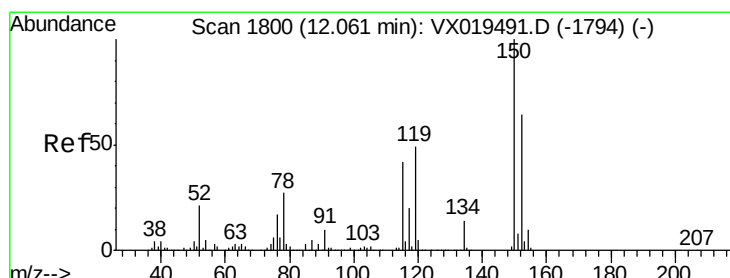
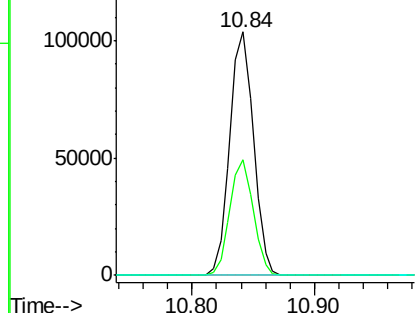
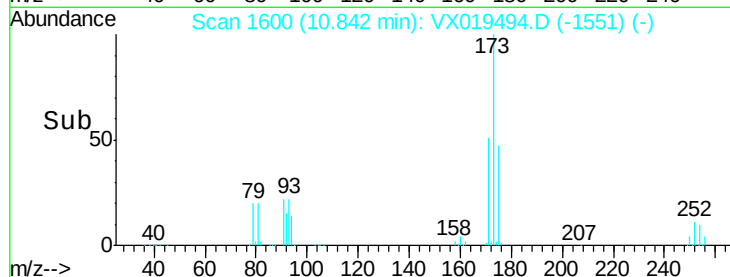
173 100

175 47.1 24.9 74.8

254 0.2 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: VX019494.D

Acq: 20 Nov 2020 12:28

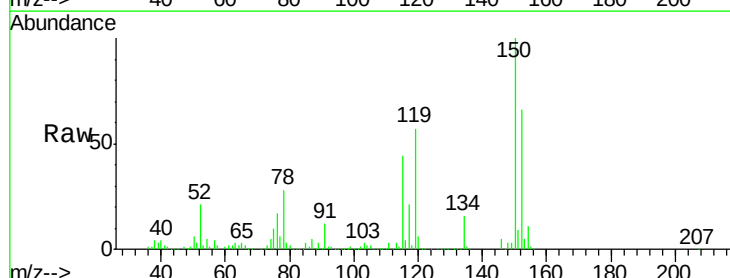
Tgt Ion:152 Resp: 217310

Ion Ratio Lower Upper

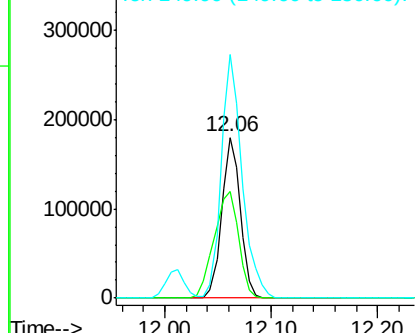
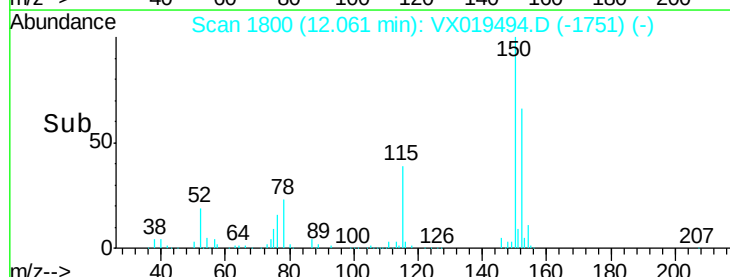
152 100

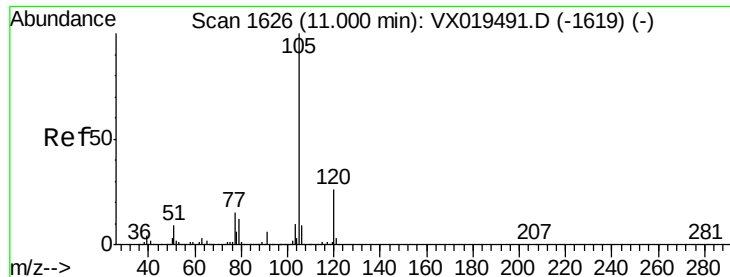
115 87.2 41.8 125.4

150 171.2 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: 55.951 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

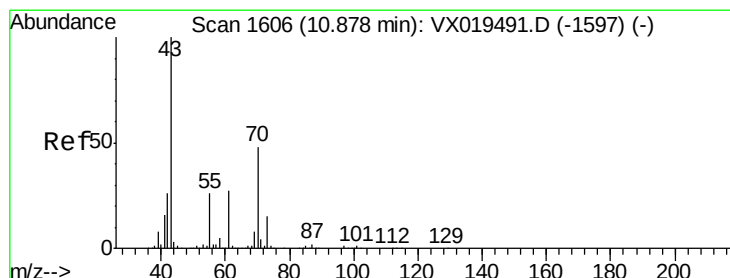
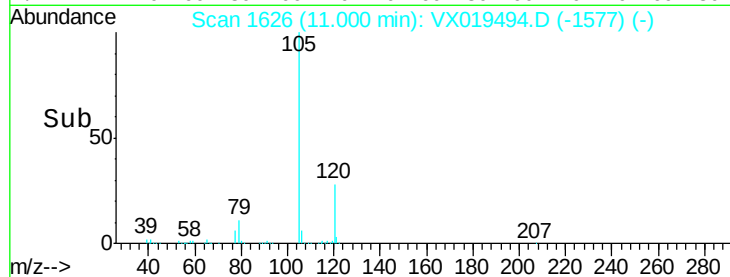
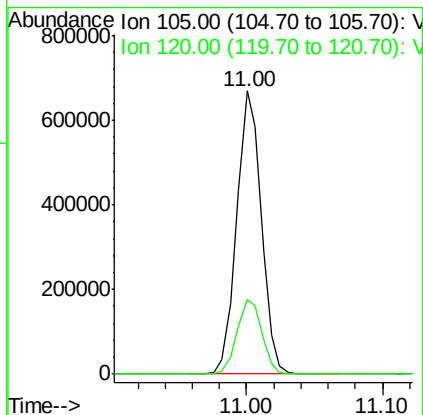
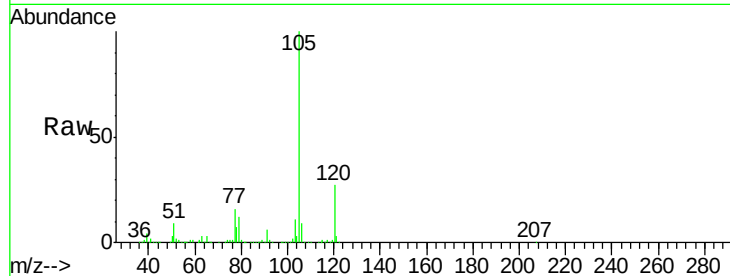
ICVX112120

Tot Ion:105 Resp: 841115

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#74

N-ethyl acetate

Concen: 57.513 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion: 43 Resp: 323979

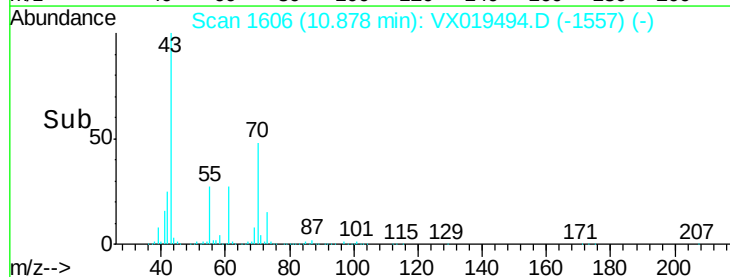
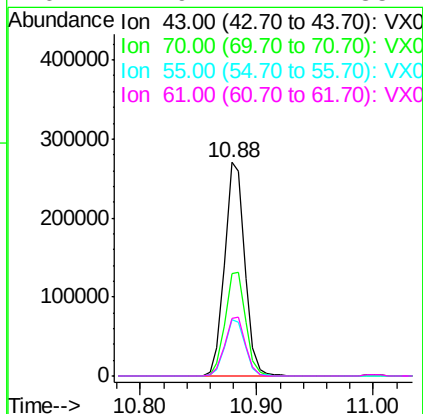
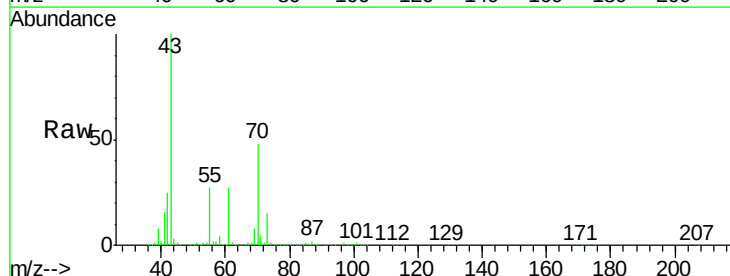
Ion Ratio Lower Upper

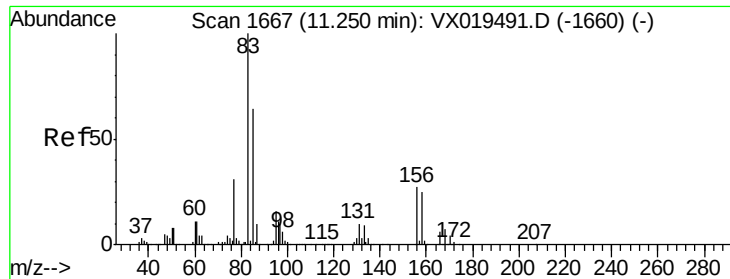
43 100

70 49.8 39.7 59.5

55 26.8 21.8 32.6

61 27.9 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.726 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

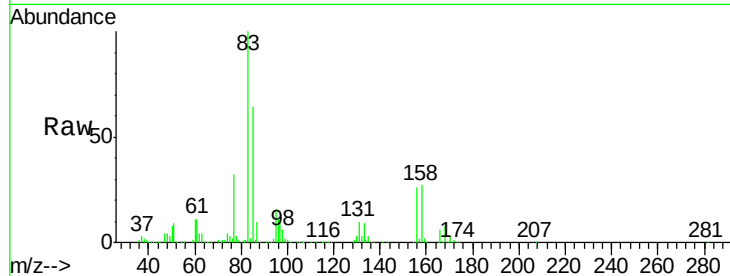
Tot Ion: 83 Resp: 283454

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

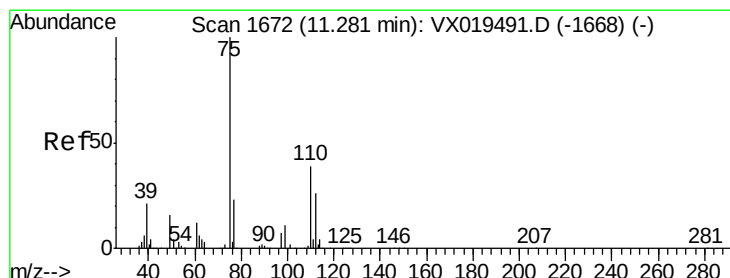
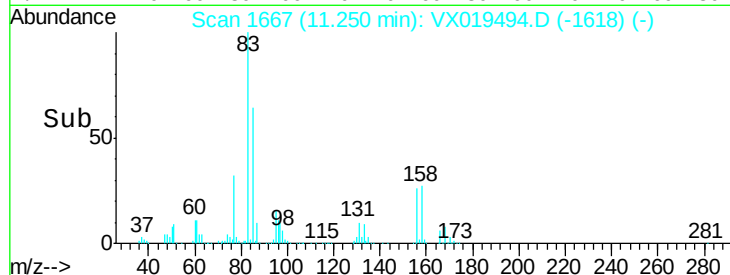
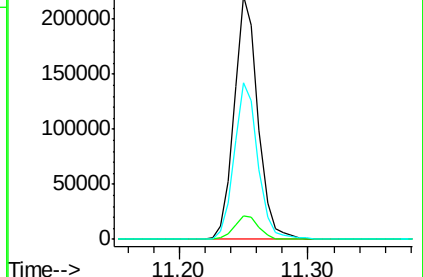
85 64.3 32.4 97.2



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: 67.960 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019494.D

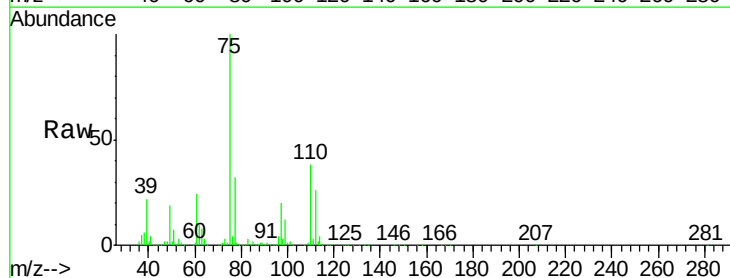
Acq: 20 Nov 2020 12:28

Tgt Ion: 75 Resp: 322294

Ion Ratio Lower Upper

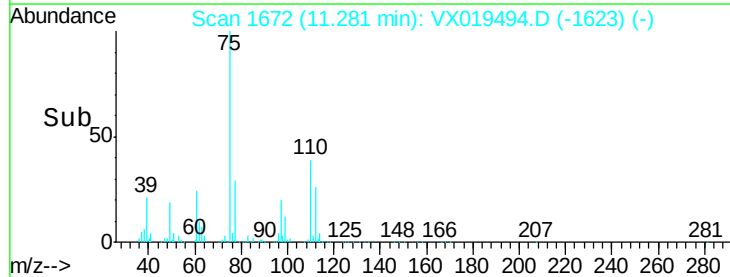
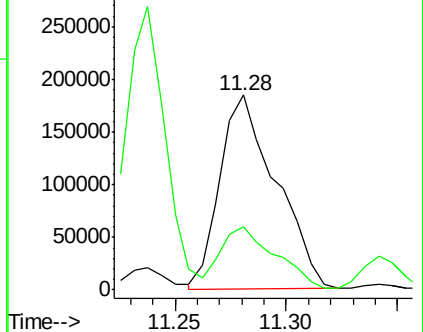
75 100

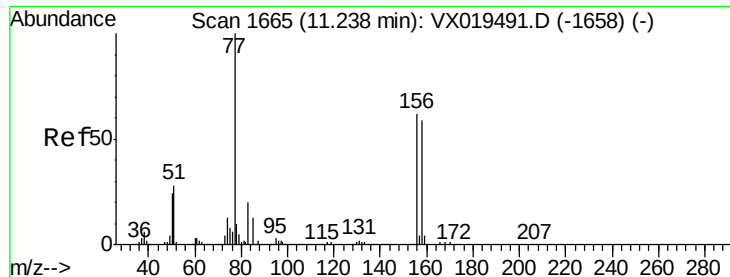
77 32.1 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.888 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

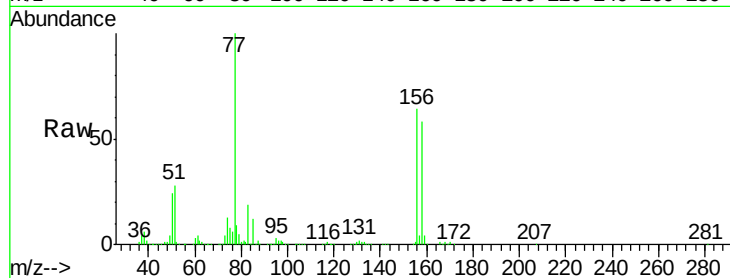
Tot Ion:156 Resp: 206805

Ion Ratio Lower Upper

156 100

77 163.4 82.5 247.3

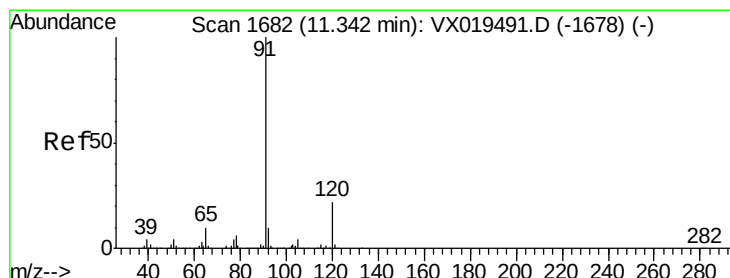
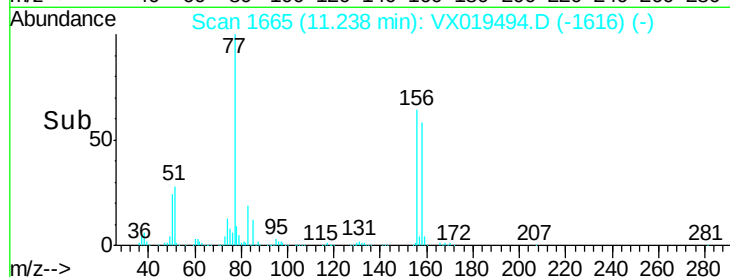
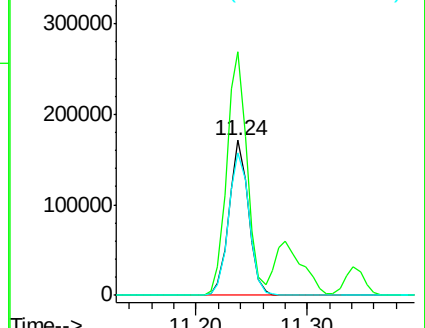
158 97.1 48.9 146.7



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: 57.016 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019494.D

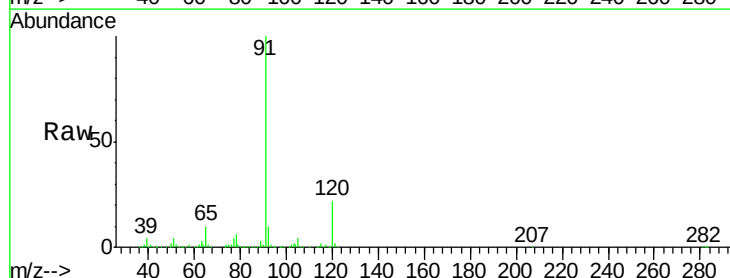
Acq: 20 Nov 2020 12:28

Tgt Ion: 91 Resp: 983286

Ion Ratio Lower Upper

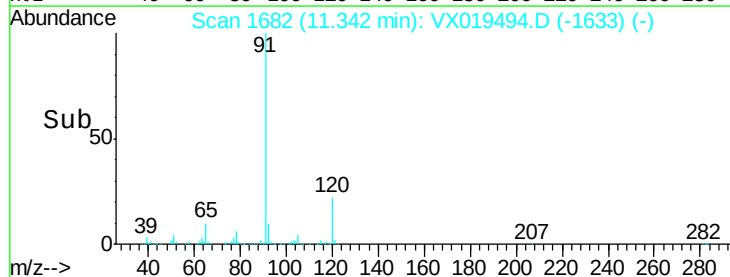
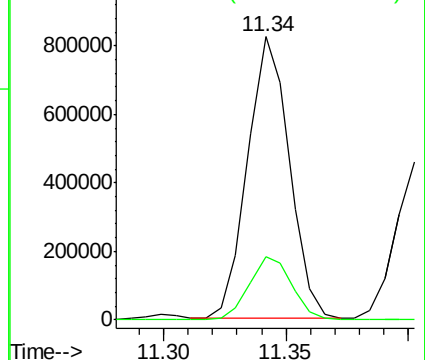
91 100

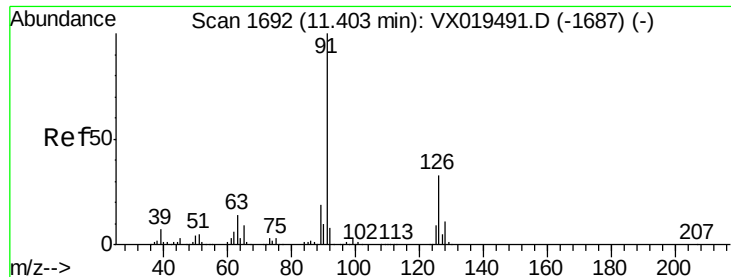
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.399 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

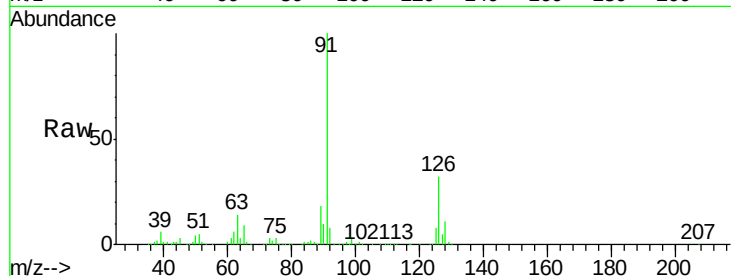
ICVVX112120

Tot Ion: 91 Resp: 579419

Ion Ratio Lower Upper

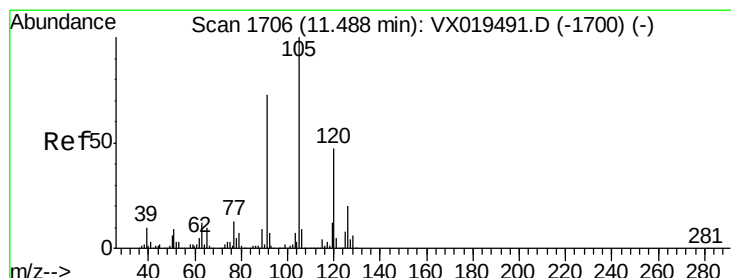
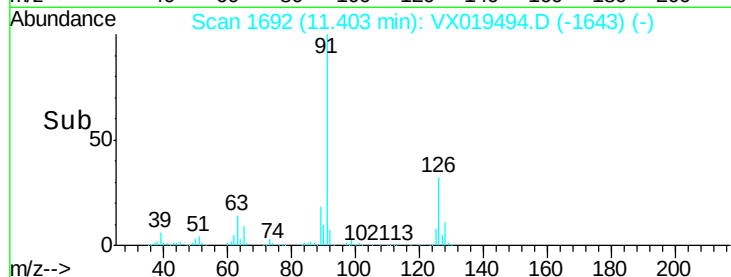
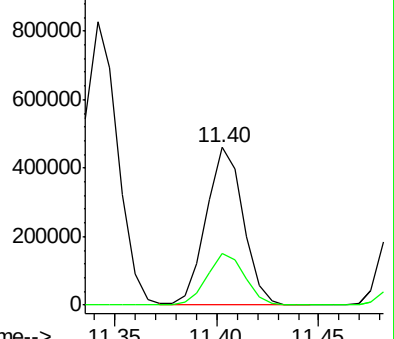
91 100

126 33.3 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: 57.517 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019494.D

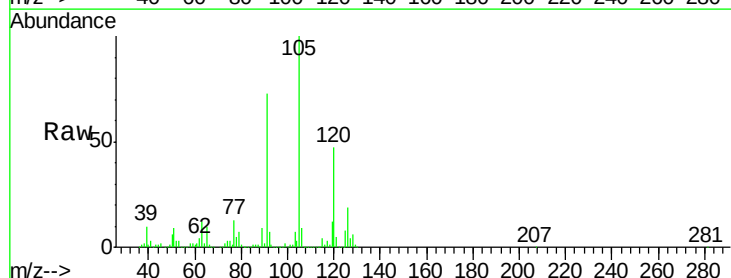
Acq: 20 Nov 2020 12:28

Tgt Ion: 105 Resp: 725343

Ion Ratio Lower Upper

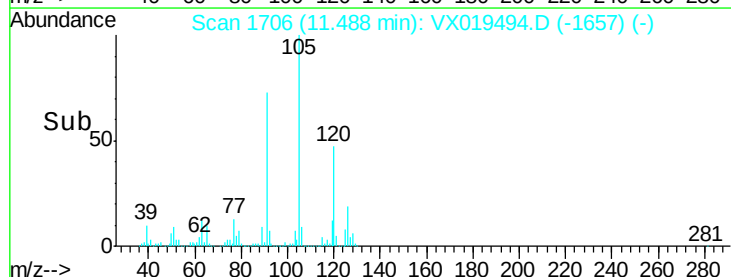
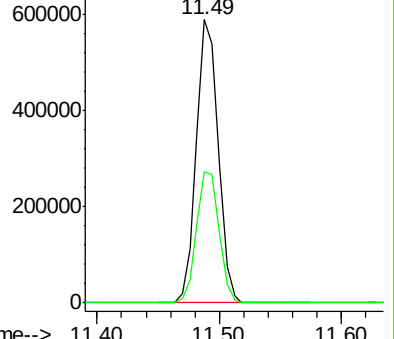
105 100

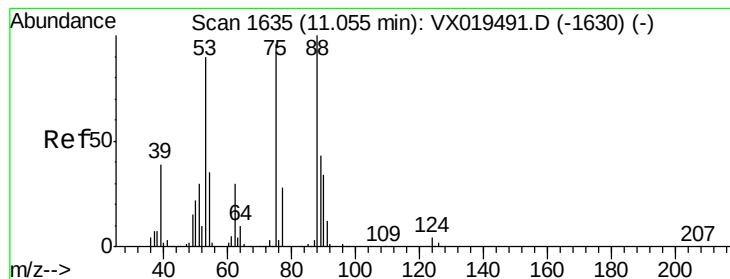
120 48.1 24.1 72.3



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 53.029 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

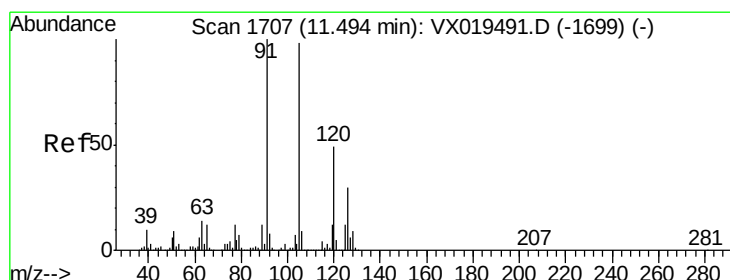
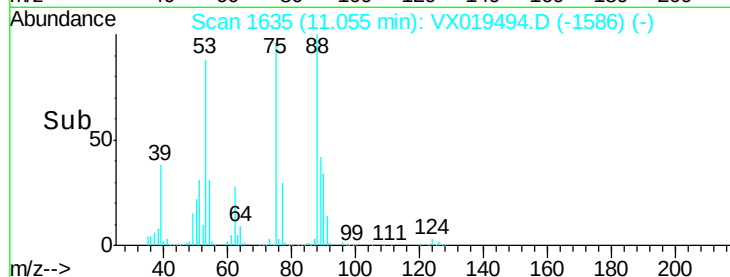
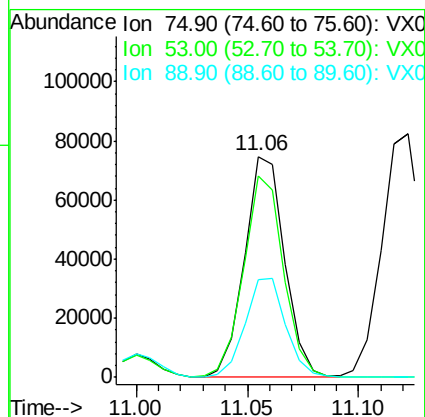
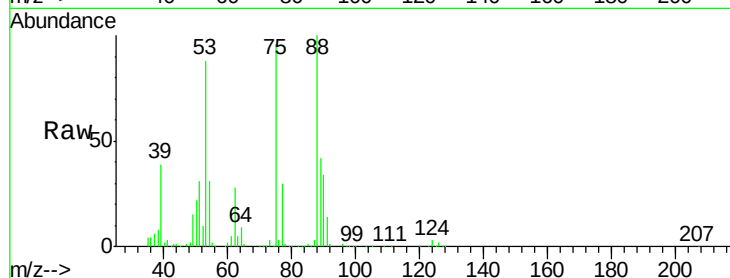
Tot Ion: 75 Resp: 93604

Ion Ratio Lower Upper

75 100

53 90.8 73.9 110.9

89 45.9 37.3 55.9



#82

4-Chlorotoluene

Concen: 55.954 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019494.D

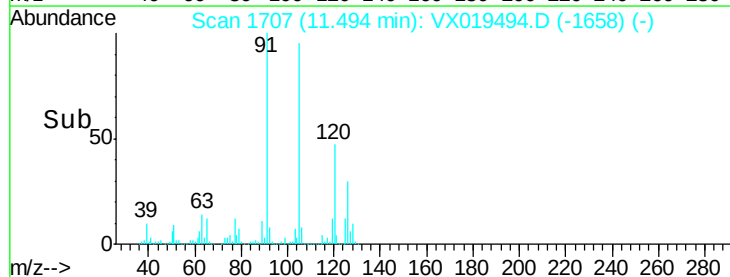
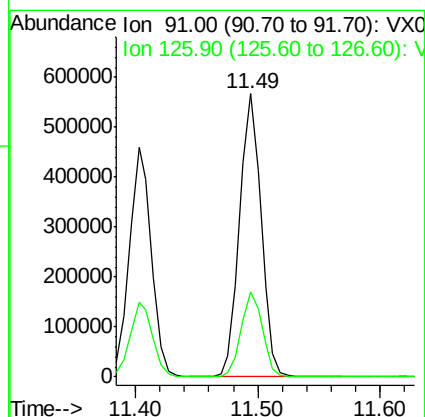
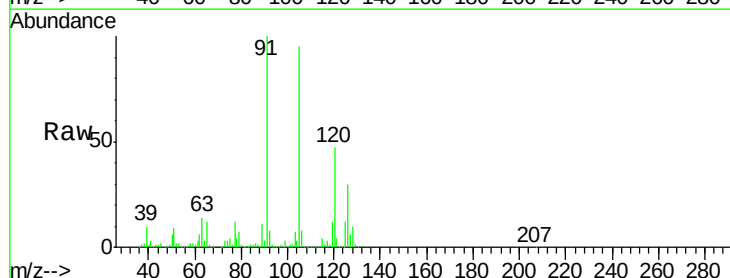
Acq: 20 Nov 2020 12:28

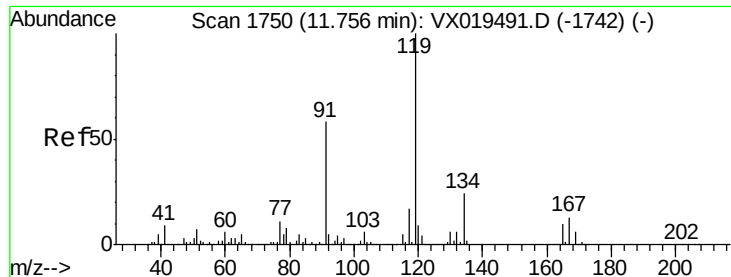
Tgt Ion: 91 Resp: 688926

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

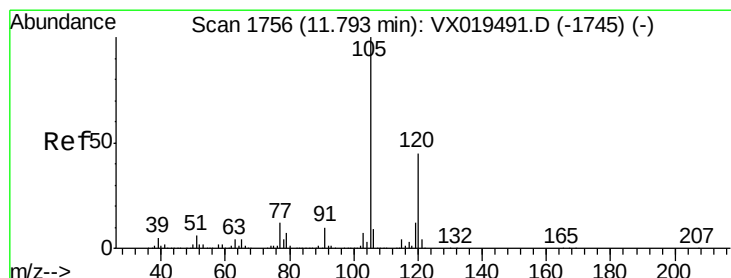
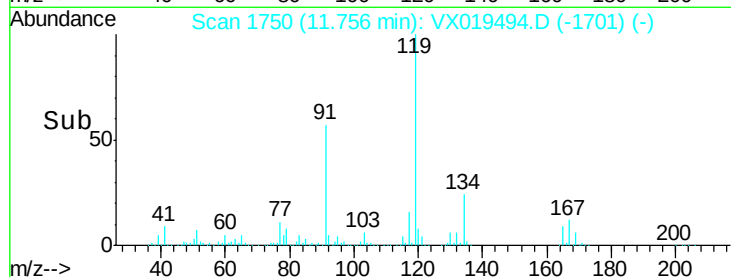
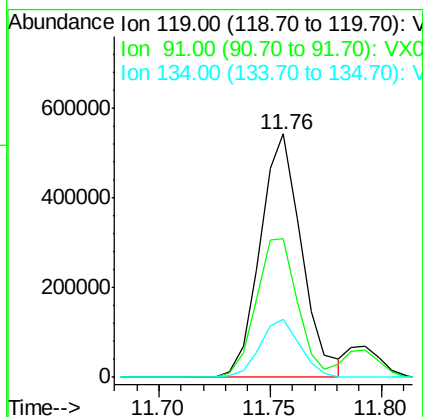
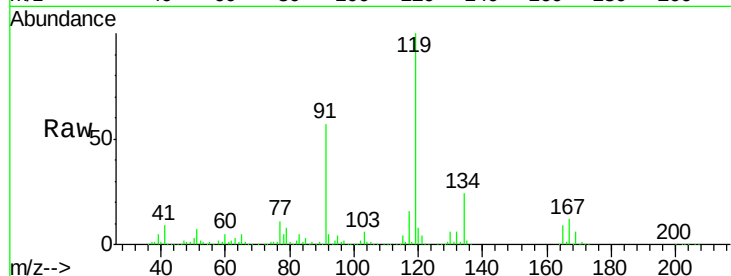




#83
tert-Butylbenzene
Concen: 57.447 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

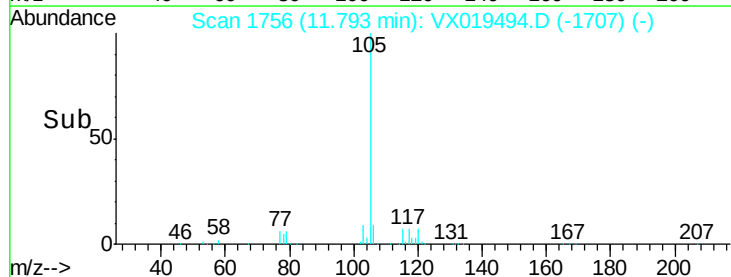
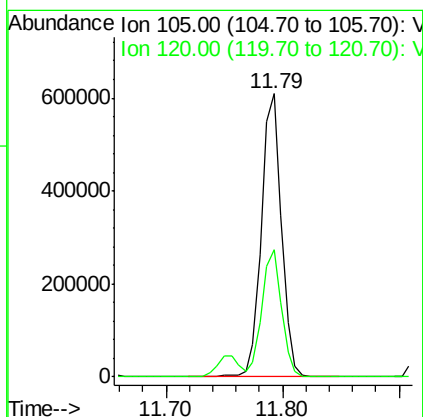
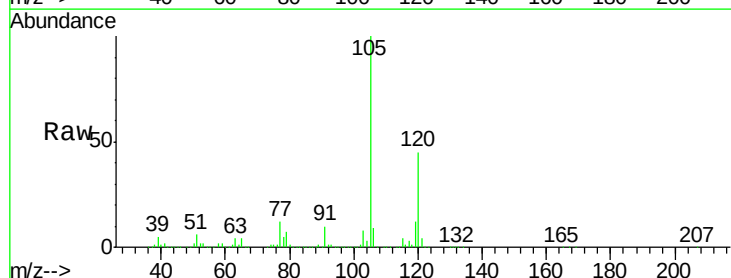
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

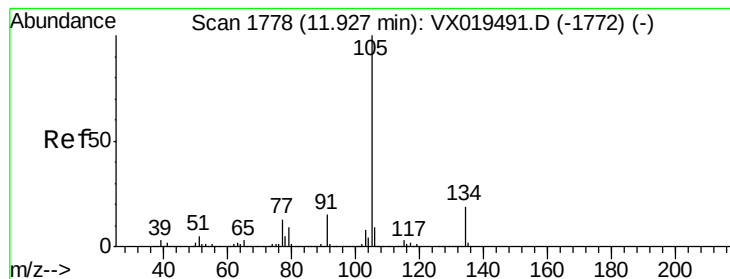
Tot Ion:119 Resp: 700883
Ion Ratio Lower Upper
119 100
91 57.0 28.9 86.8
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 57.570 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:105 Resp: 734586
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 57.681 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

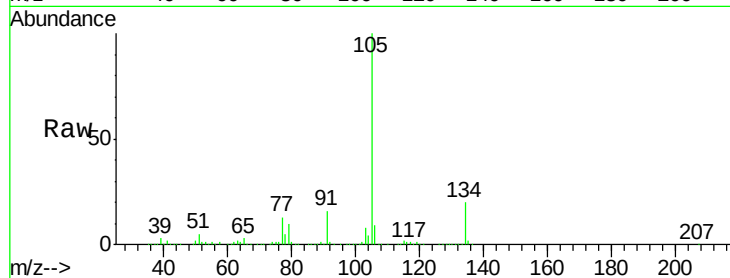
ICVVX112120

Tot Ion:105 Resp: 837201

Ion Ratio Lower Upper

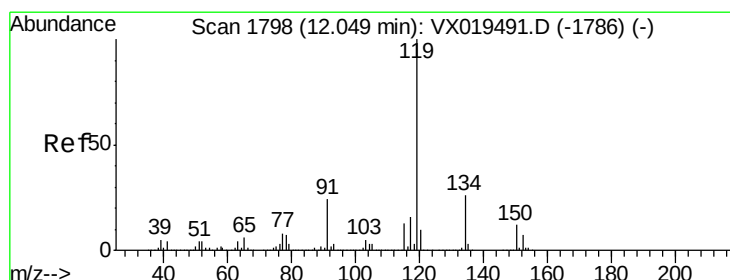
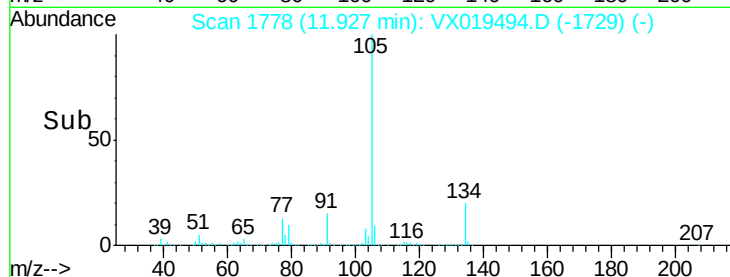
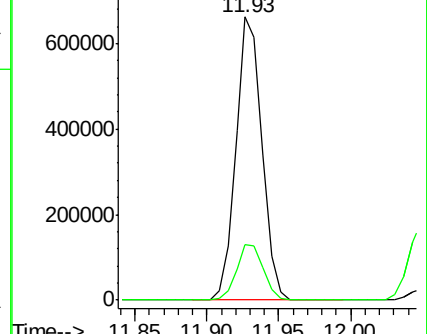
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.400 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

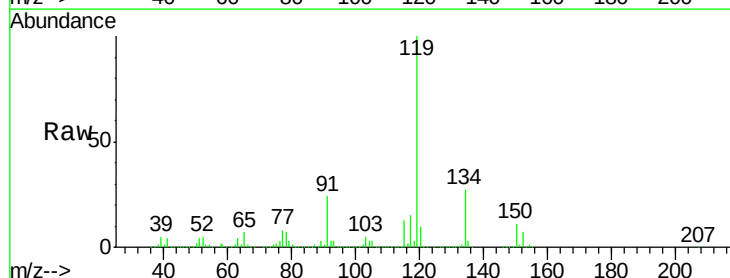
Tgt Ion:119 Resp: 769591

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

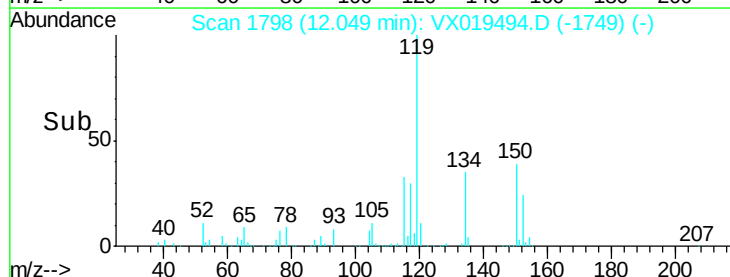
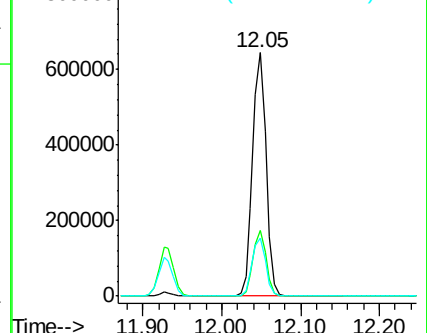
91 23.8 11.8 35.4

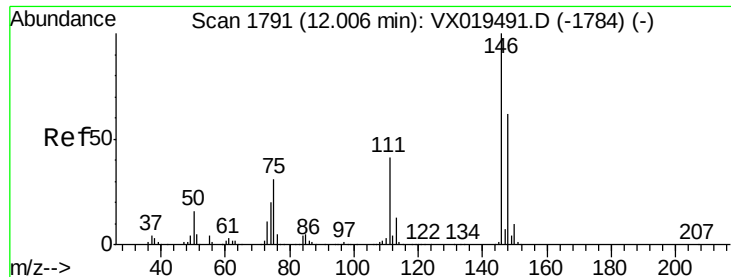


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

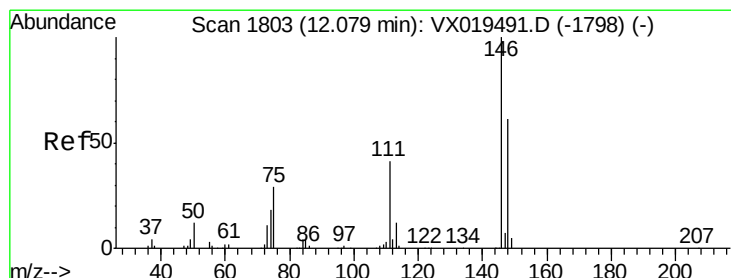
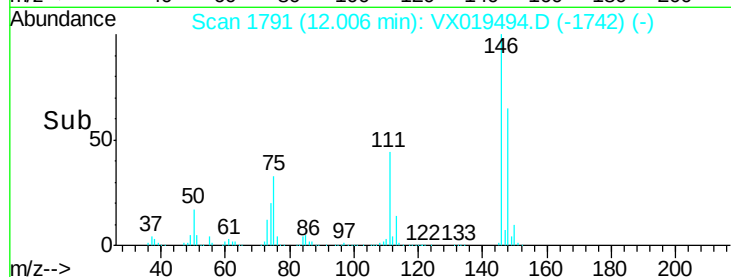
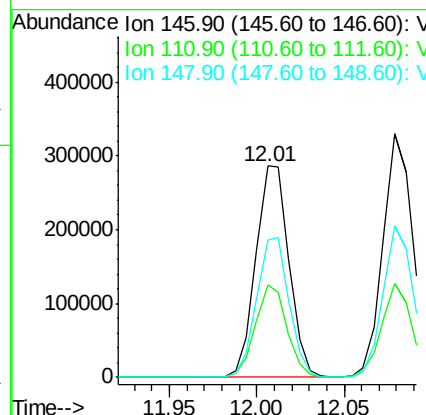
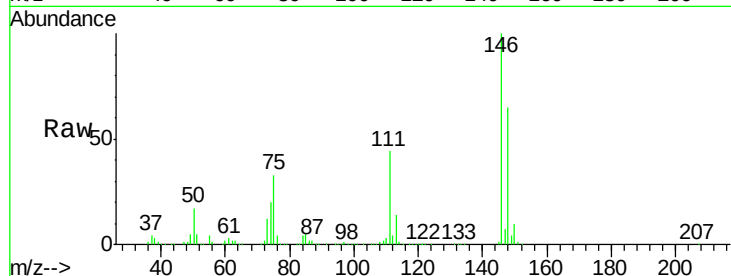




#87
 1,3-Dichlorobenzene
 Concen: 53.581 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

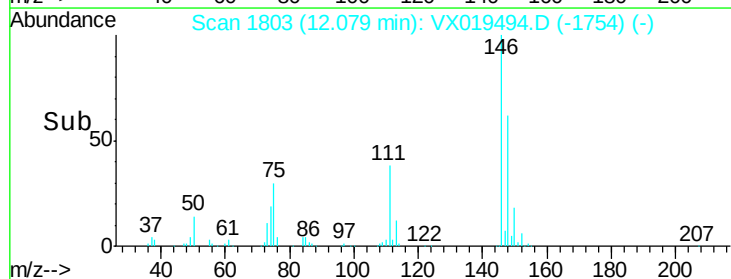
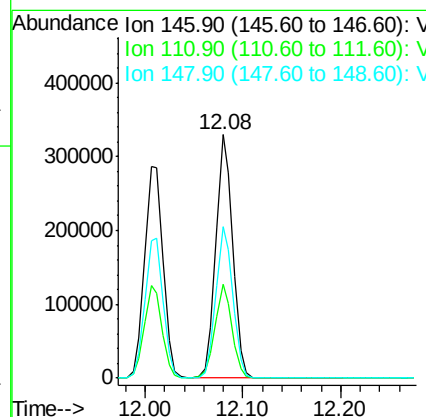
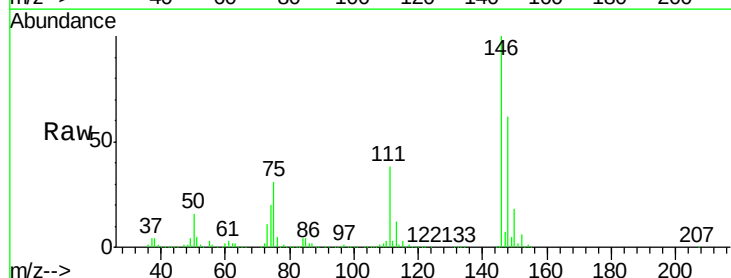
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

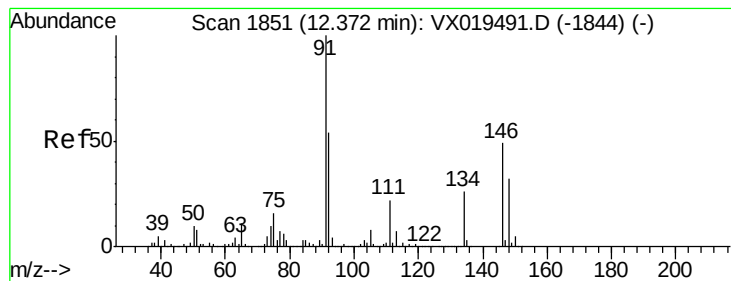
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.6
148	64.9	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 54.376 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	62.5	31.7	95.1





#89

n-Butylbenzene

Concen: 58.948 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX112120

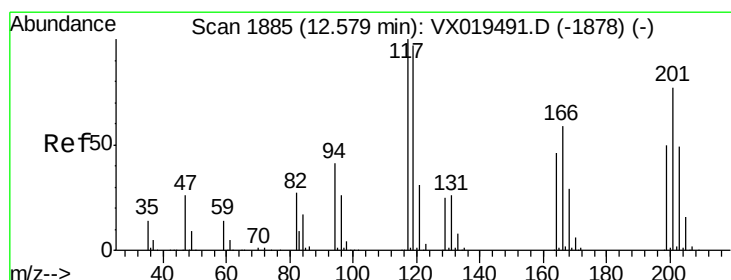
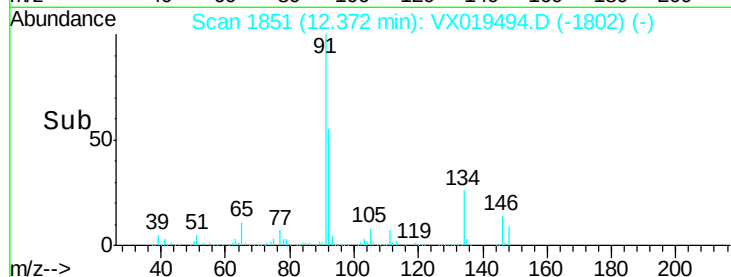
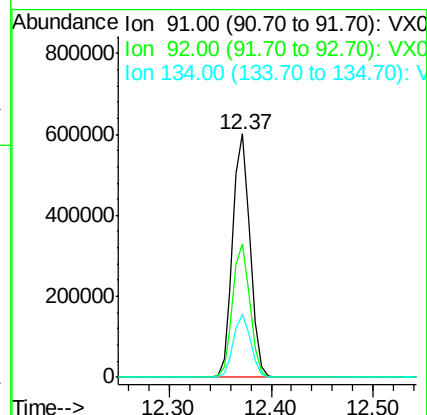
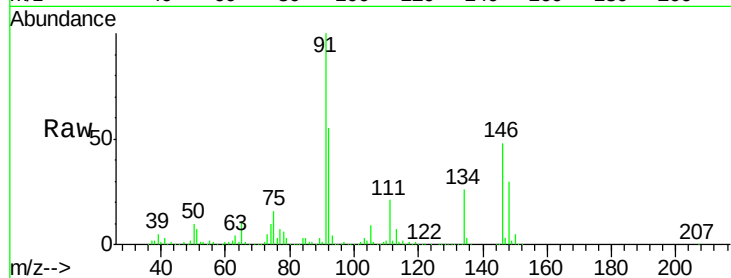
Tot Ion: 91 Resp: 702272

Ion Ratio Lower Upper

91 100

92 54.9 26.9 80.6

134 25.8 12.9 38.6



#90

Hexachloroethane

Concen: 57.046 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019494.D

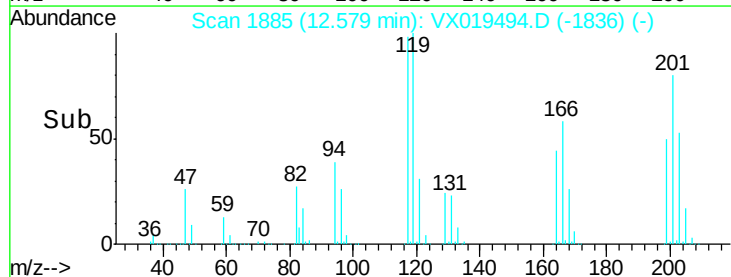
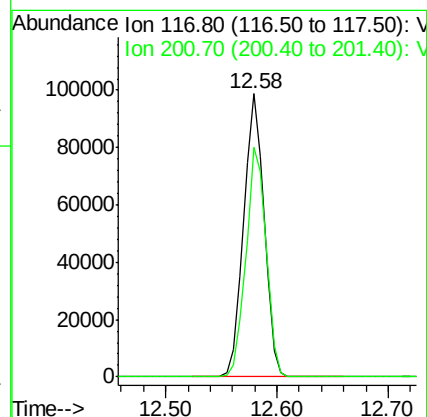
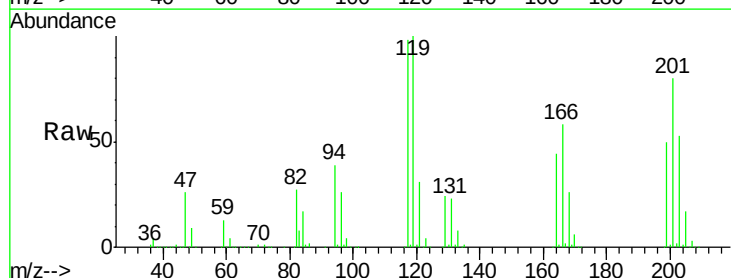
Acq: 20 Nov 2020 12:28

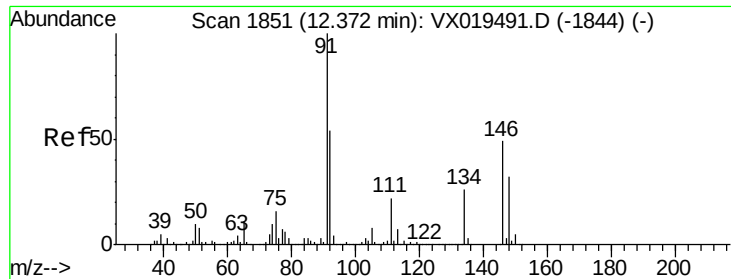
Tgt Ion: 117 Resp: 125793

Ion Ratio Lower Upper

117 100

201 79.8 39.4 118.2

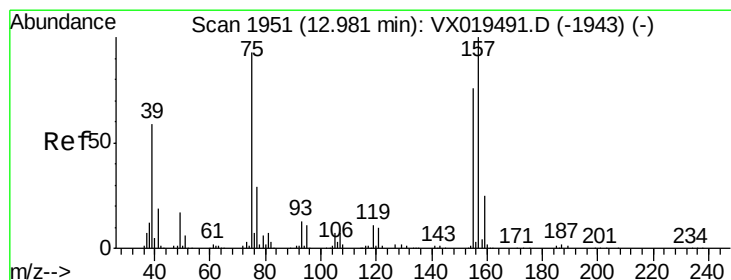
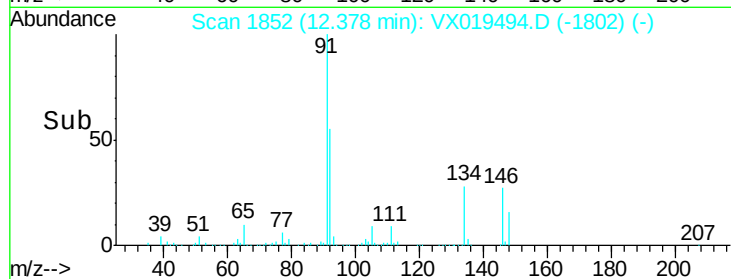
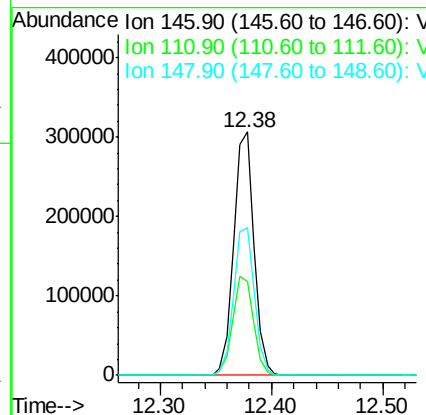
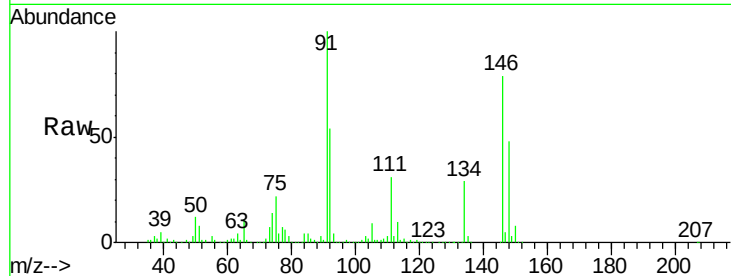




#91
 1,2-Dichlorobenzene
 Concen: 54.311 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

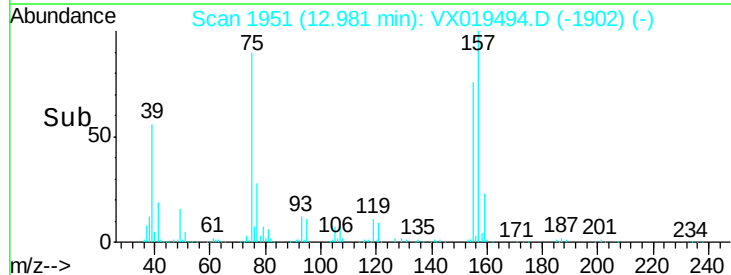
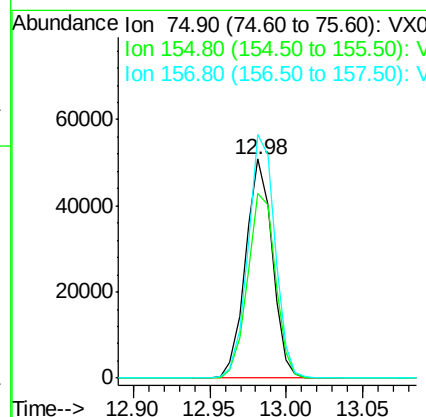
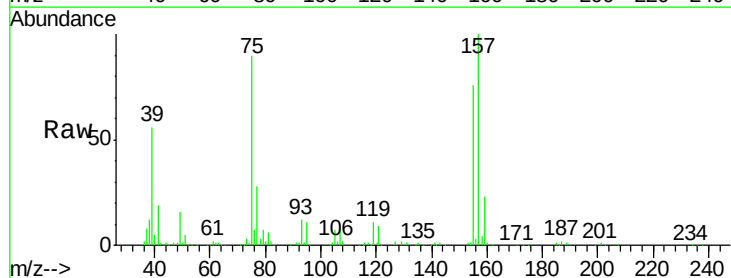
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

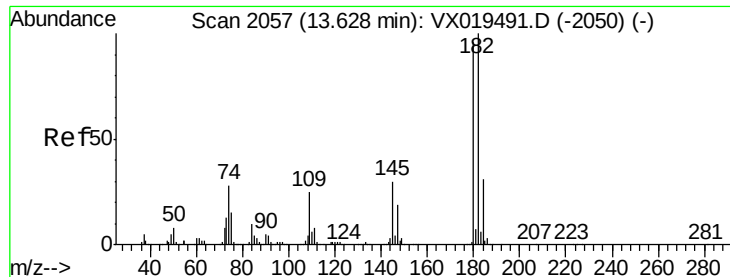
Tot Ion:146 Resp: 384450
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.3
 148 62.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.383 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion: 75 Resp: 61838
 Ion Ratio Lower Upper
 75 100
 155 87.5 43.6 130.9
 157 112.1 57.0 170.8

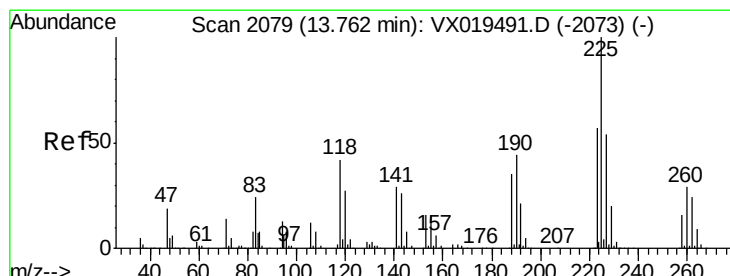
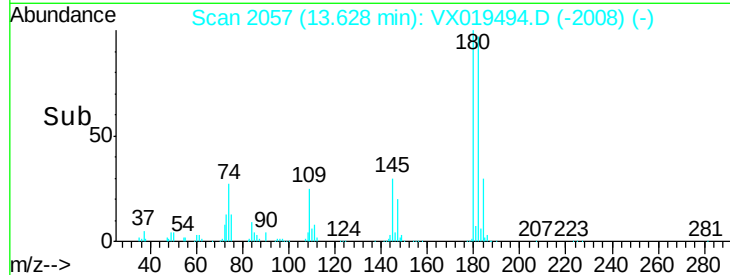
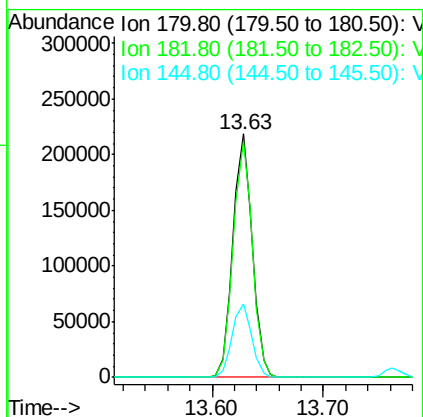
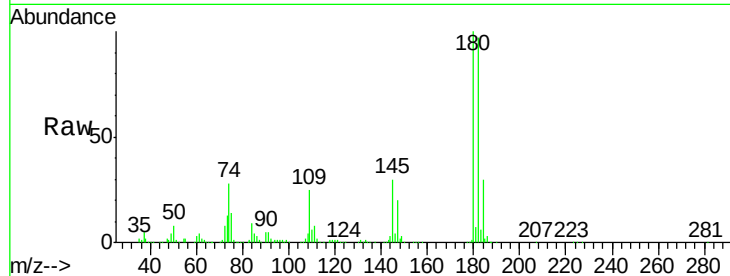




#93
 1,2,4-Trichlorobenzene
 Concen: 57.665 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

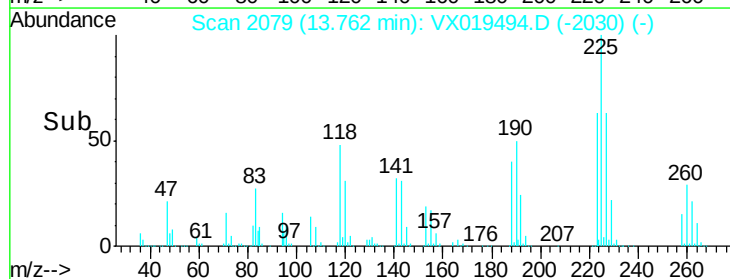
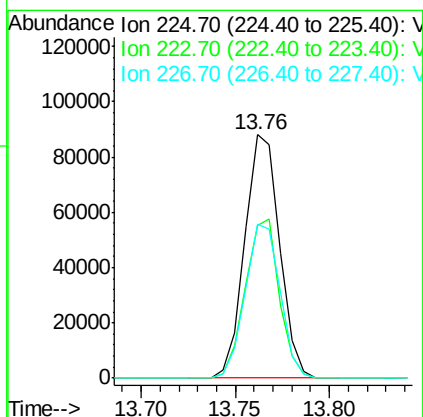
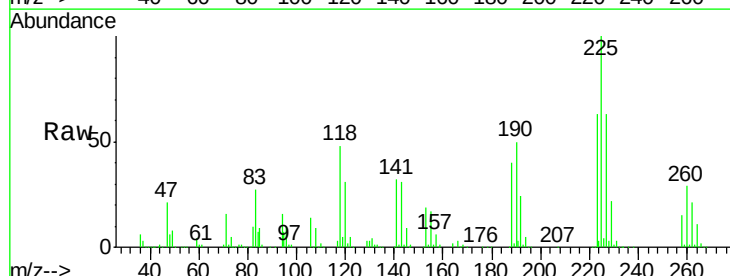
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

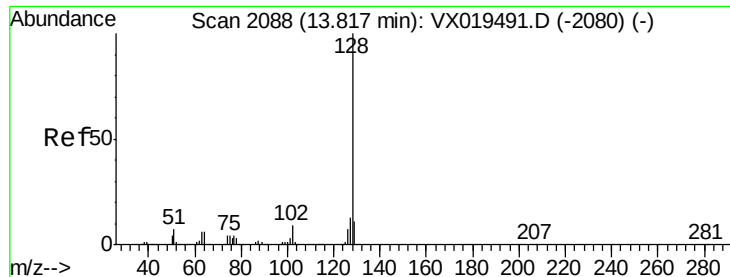
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.6	145.9
145	30.8	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 54.462 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.5	97.5
227	63.6	32.8	98.3

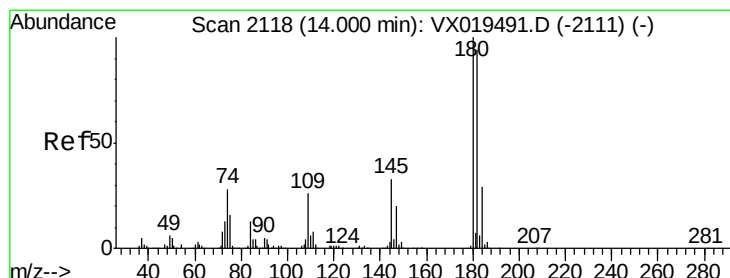
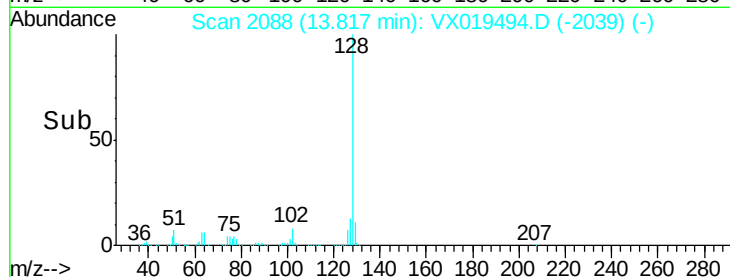
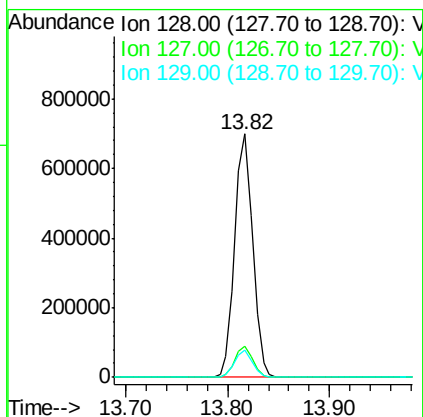
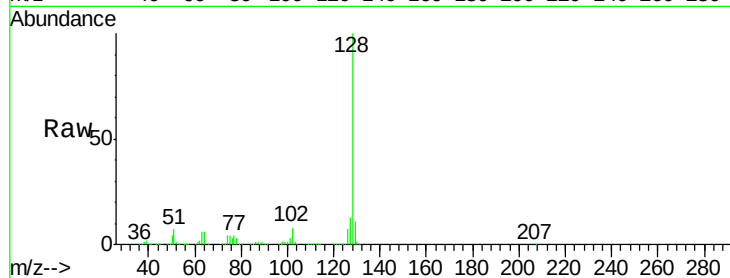




#95
Naphthalene
Concen: 52.649 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion:128 Resp: 845836
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.043 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:180 Resp: 259308
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.3
145 32.9 16.6 49.8

