

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019718.D
 Acq On : 04 Dec 2020 15:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Quant Time: Dec 05 03:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	354128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	572267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	528725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	218609	46.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.94%
35) Dibromofluoromethane	5.46	113	177650	48.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.06%
50) Toluene-d8	8.70	98	690060	48.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.74%
62) 4-Bromofluorobenzene	11.12	95	269573	50.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.32%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	163175	50.329	ug/l 100
3) Chloromethane	1.31	50	171960	45.099	ug/l 100
4) Vinyl Chloride	1.39	62	198007	49.250	ug/l 100
5) Bromomethane	1.62	94	66062	49.486	ug/l 97
6) Chloroethane	1.70	64	123026	50.939	ug/l 98
7) Trichlorofluoromethane	1.91	101	275652	49.231	ug/l 98
8) Diethyl Ether	2.17	74	114836	48.398	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	159042	49.556	ug/l 99
10) Methyl Iodide	2.49	142	235772	49.841	ug/l 100
11) Tert butyl alcohol	3.01	59	232466	242.875	ug/l 100
12) 1,1-Dichloroethene	2.35	96	158330	48.798	ug/l 94
13) Acrolein	2.27	56	112468	218.918	ug/l 99
14) Allyl chloride	2.70	41	265551	48.460	ug/l 100
15) Acrylonitrile	3.11	53	500065	237.665	ug/l 99
16) Acetone	2.42	43	408425	233.462	ug/l 100
17) Carbon Disulfide	2.54	76	443071	47.592	ug/l 100
18) Methyl Acetate	2.75	43	205016	47.890	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	587085	49.685	ug/l 99
20) Methylene Chloride	2.83	84	194407	48.637	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	185914	49.148	ug/l 100
22) Diisopropyl ether	3.82	45	548312	49.490	ug/l 98
23) Vinyl Acetate	3.78	43	2374178	251.525	ug/l 99
24) 1,1-Dichloroethane	3.67	63	325852	48.772	ug/l 100
25) 2-Butanone	4.62	43	643639	239.434	ug/l 100
26) 2,2-Dichloropropane	4.54	77	287335	49.940	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	213875	48.314	ug/l 99
28) Bromochloromethane	4.97	49	155624	48.862	ug/l 99
29) Tetrahydrofuran	5.08	42	412512	238.177	ug/l 100
30) Chloroform	5.17	83	339887	49.476	ug/l 100
31) Cyclohexane	5.54	56	287396	49.640	ug/l 99
32) 1,1,1-Trichloroethane	5.45	97	291135	49.211	ug/l 100
36) 1,1-Dichloropropene	5.76	75	255871	49.480	ug/l 99
37) Ethyl Acetate	4.79	43	247737	47.448	ug/l 100
38) Carbon Tetrachloride	5.74	117	254431	50.244	ug/l 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	308588	50.792	ug/l	97
40) Benzene	6.10	78	771183	48.820	ug/l	99
41) Methacrylonitrile	4.99	41	138811	48.422	ug/l	100
42) 1,2-Dichloroethane	6.15	62	264317	48.974	ug/l	100
43) Isopropyl Acetate	6.40	43	411612	48.490	ug/l	100
44) Trichloroethene	7.18	130	200465	48.367	ug/l	99
45) 1,2-Dichloropropane	7.48	63	193943	49.125	ug/l	99
46) Dibromomethane	7.63	93	131409	49.289	ug/l	100
47) Bromodichloromethane	7.87	83	264036	49.908	ug/l	99
48) Methyl methacrylate	7.74	41	204738	49.042	ug/l	100
49) 1,4-Dioxane	7.71	88	99451	983.372	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1281921	247.353	ug/l	100
52) Toluene	8.76	92	494167	50.018	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	300684	51.217	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	325953	51.106	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	197849	49.693	ug/l	98
56) Ethyl methacrylate	9.16	69	307939	51.121	ug/l	100
57) 1,3-Dichloropropane	9.35	76	331049	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804071	251.971	ug/l	100
59) 2-Hexanone	9.47	43	1011894	251.892	ug/l	99
60) Dibromochloromethane	9.56	129	206738	51.109	ug/l	100
61) 1,2-Dibromoethane	9.65	107	211114	49.935	ug/l	98
64) Tetrachloroethene	9.32	164	174029	49.081	ug/l	96
65) Chlorobenzene	10.12	112	516448	49.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	189832	50.070	ug/l	98
67) Ethyl Benzene	10.23	91	950487	50.834	ug/l	100
68) m/p-Xylenes	10.34	106	717282	101.806	ug/l	100
69) o-Xylene	10.68	106	345325	50.952	ug/l	98
70) Styrene	10.70	104	598222	52.294	ug/l	99
71) Bromoform	10.84	173	158374	53.100	ug/l	99
73) Isopropylbenzene	11.00	105	923522	49.763	ug/l	99
74) N-amyl acetate	10.88	43	374105	50.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	313112	47.855	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	372367	61.120	ug/l	88
77) Bromobenzene	11.24	156	229233	48.267	ug/l	99
78) n-propylbenzene	11.34	91	1069601	50.462	ug/l	100
79) 2-Chlorotoluene	11.40	91	641180	49.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	791540	50.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109837	52.117	ug/l	99
82) 4-Chlorotoluene	11.49	91	761595	49.818	ug/l	99
83) tert-Butylbenzene	11.76	119	777616	50.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	811363	51.426	ug/l	100
85) sec-Butylbenzene	11.93	105	892512	50.890	ug/l	100
86) p-Isopropyltoluene	12.05	119	837117	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	426676	48.949	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	435138	49.012	ug/l	100
89) n-Butylbenzene	12.37	91	743047	52.179	ug/l	100
90) Hexachloroethane	12.58	117	140494	50.629	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	421307	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68065	48.391	ug/l	98

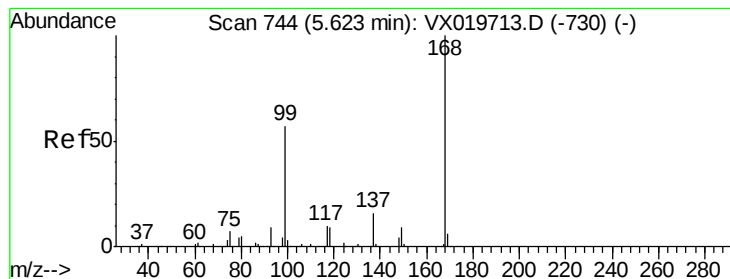
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278560	50.361	ug/l	99
94) Hexachlorobutadiene	13.76	225	121805	49.269	ug/l	99
95) Naphthalene	13.82	128	922186	51.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271307	50.189	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

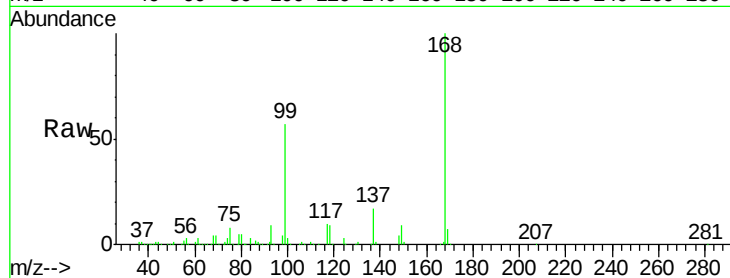
ICVX120420

Tot Ion:168 Resp: 354128

Ion Ratio Lower Upper

168 100

99 57.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

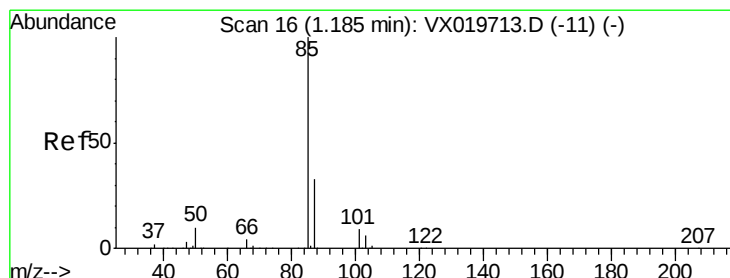
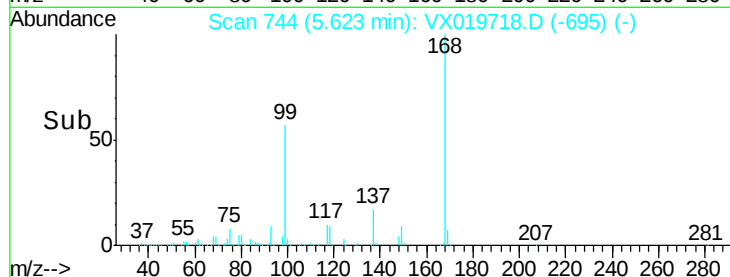
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.329 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019718.D

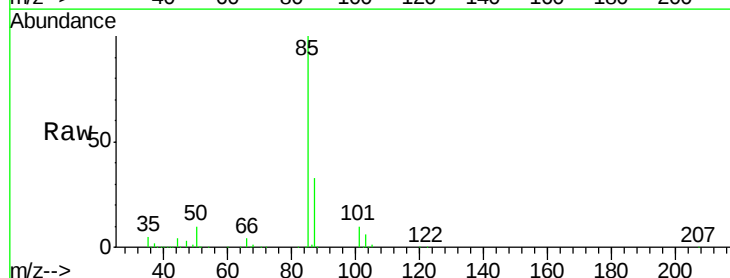
Acq: 04 Dec 2020 15:41

Tgt Ion: 85 Resp: 163175

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

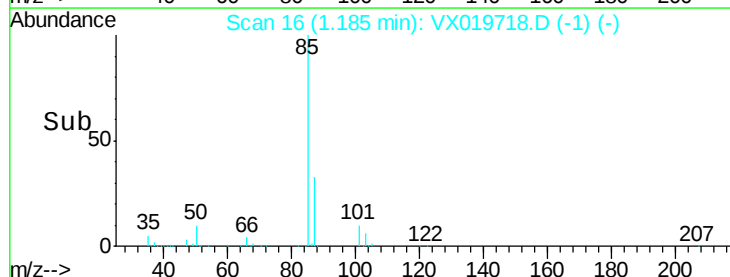
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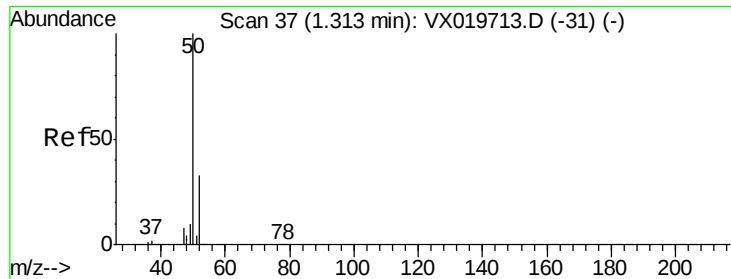
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.099 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

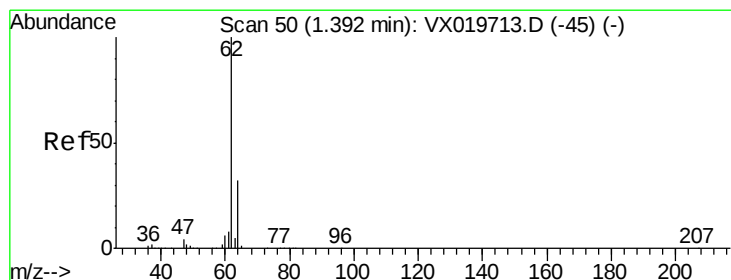
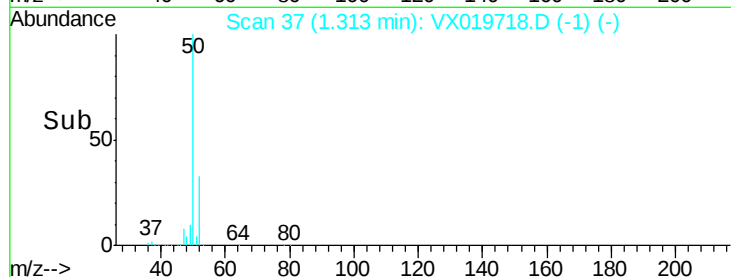
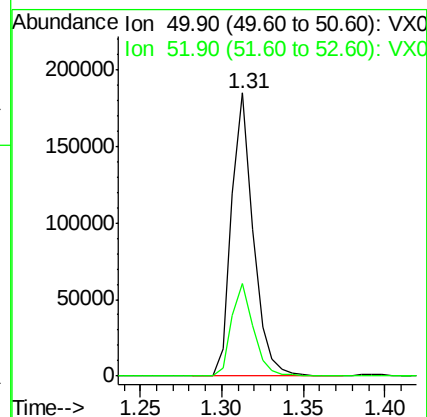
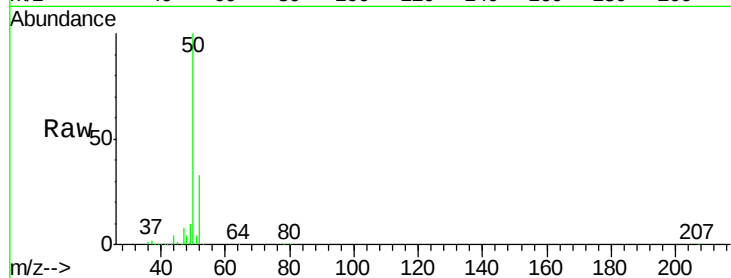
ICVVX120420

Tot Ion: 50 Resp: 171960

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 49.250 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019718.D

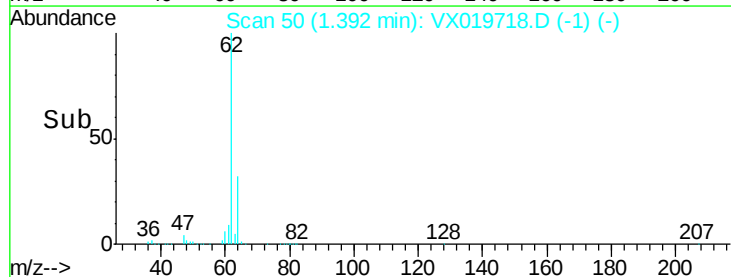
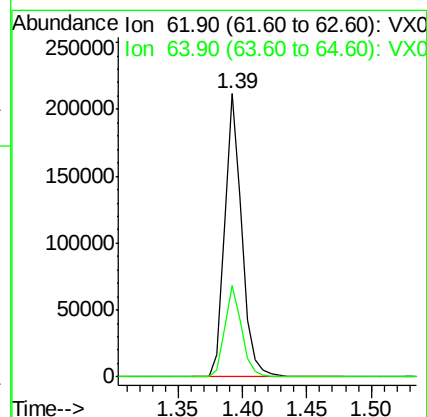
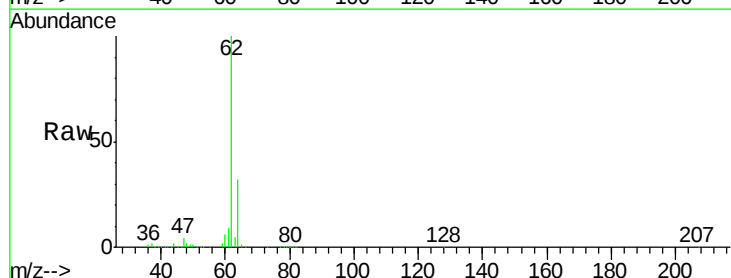
Acq: 04 Dec 2020 15:41

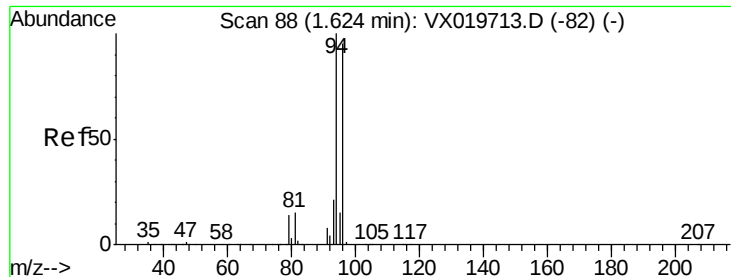
Tgt Ion: 62 Resp: 198007

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 49.486 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

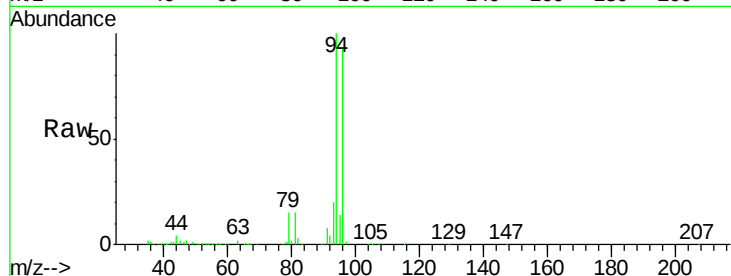
ICVVX120420

Tot Ion: 94 Resp: 66062

Ion Ratio Lower Upper

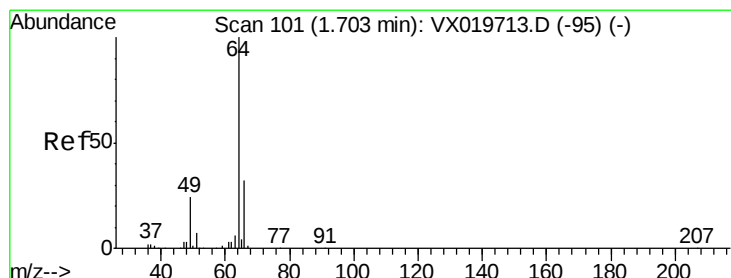
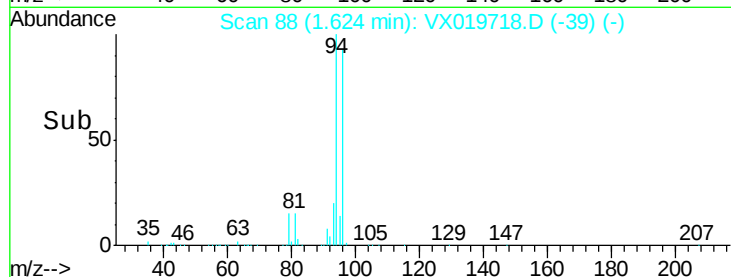
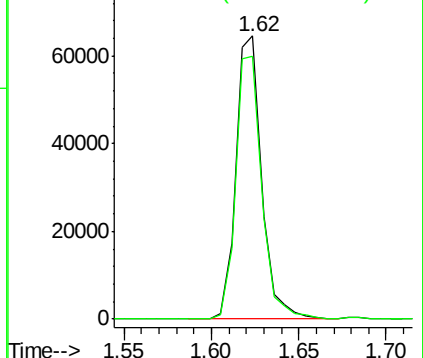
94 100

96 92.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.939 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019718.D

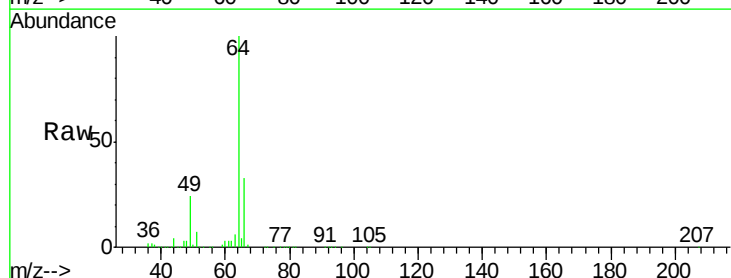
Acq: 04 Dec 2020 15:41

Tgt Ion: 64 Resp: 123026

Ion Ratio Lower Upper

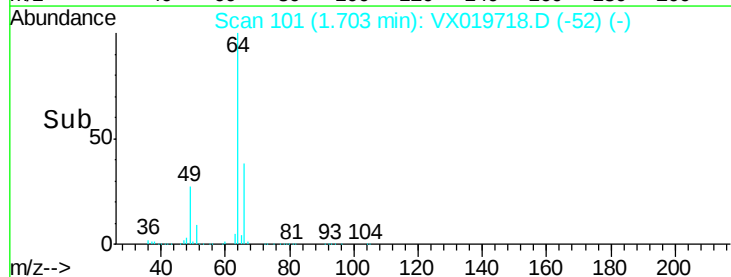
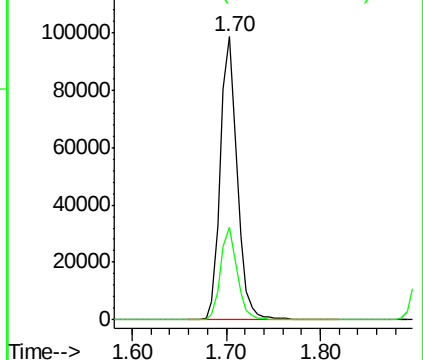
64 100

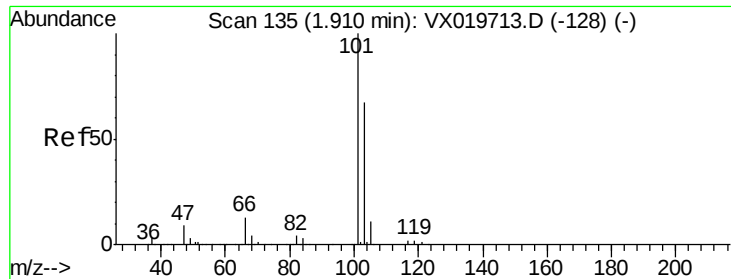
66 32.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



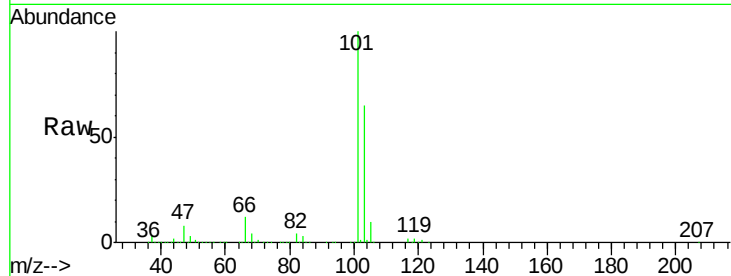


#7

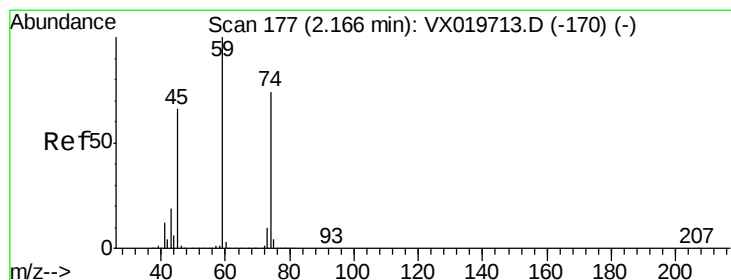
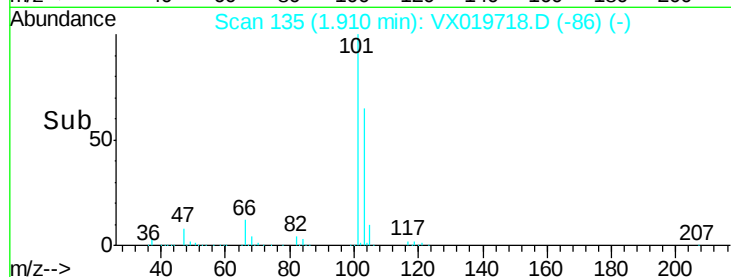
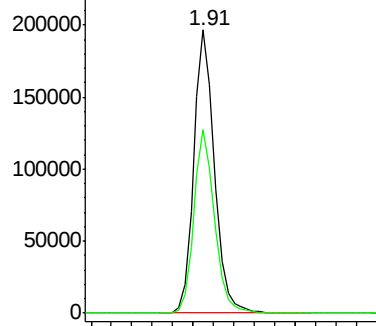
Trichlorofluoromethane
Concen: 49.231 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
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ClientSampleId :
ICVVX120420

Tot Ion:101 Resp: 275652
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8



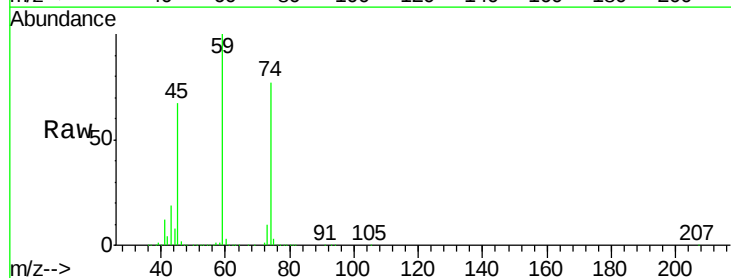
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



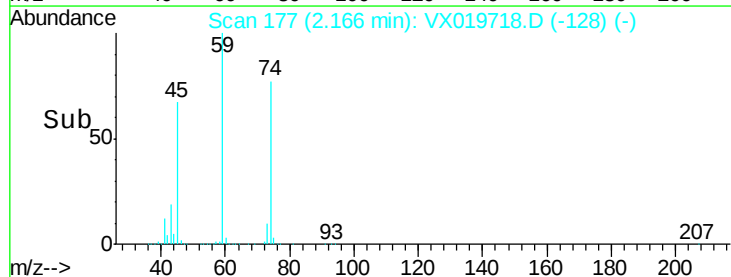
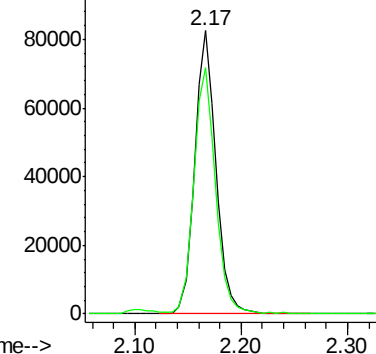
#8

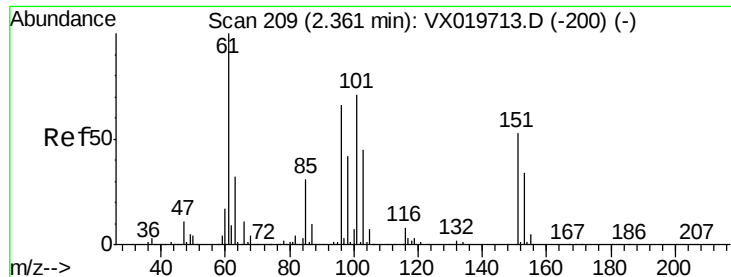
Diethyl Ether
Concen: 48.398 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 74 Resp: 114836
Ion Ratio Lower Upper
74 100
45 88.1 44.5 133.5



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: 49.556 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampled :

ICVVX120420

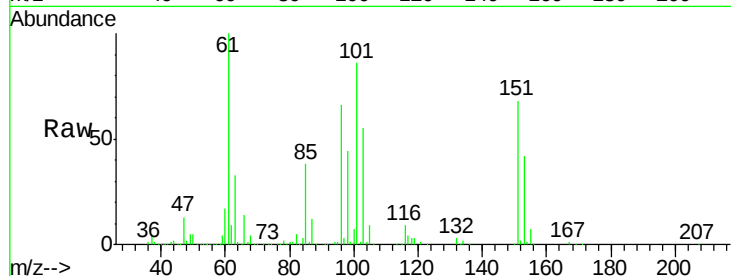
Tot Ion:101 Resp: 159042

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

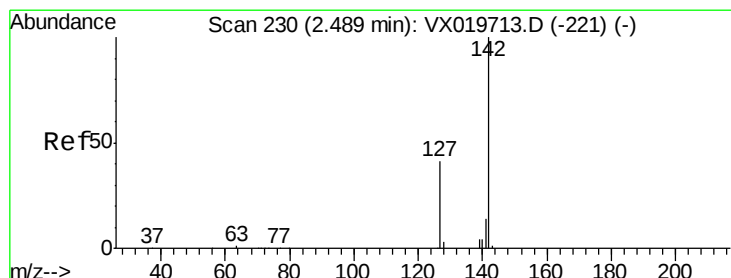
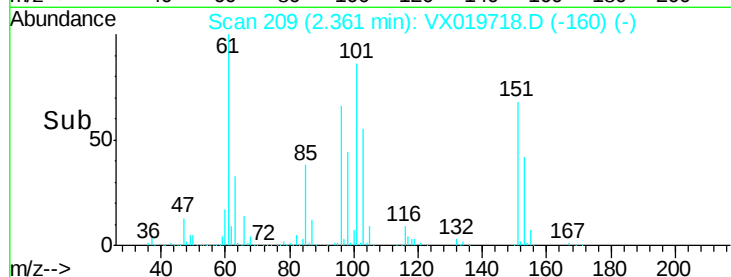
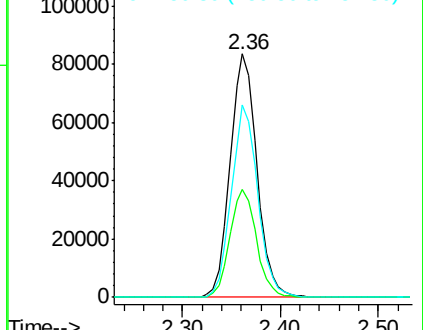
151 77.9 61.4 92.2



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: 49.841 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

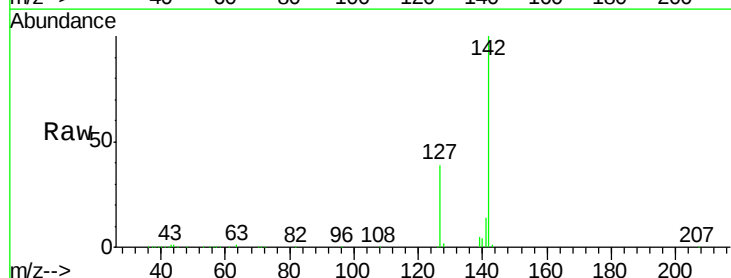
Tgt Ion:142 Resp: 235772

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

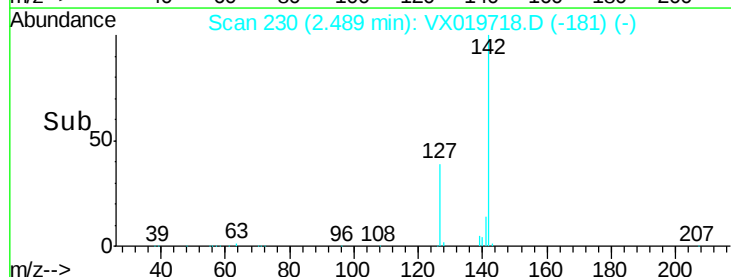
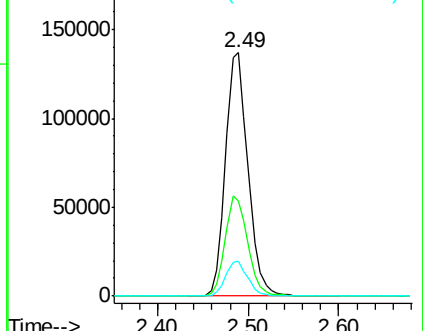
141 14.2 11.4 17.0

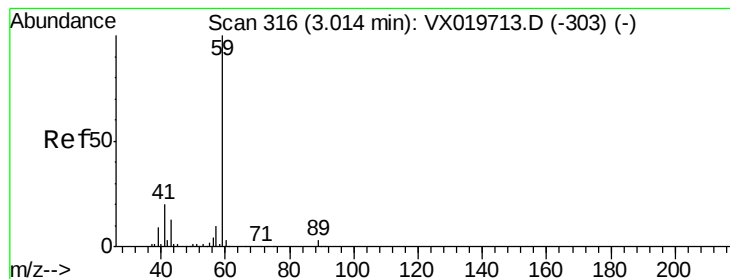


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



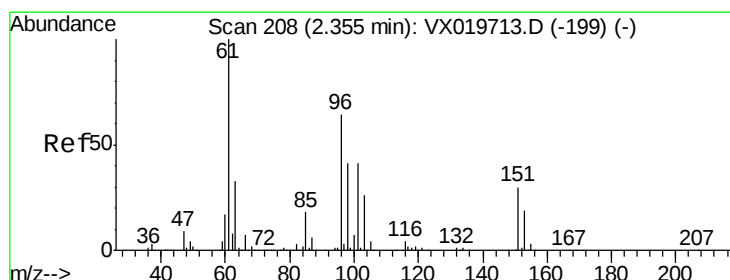
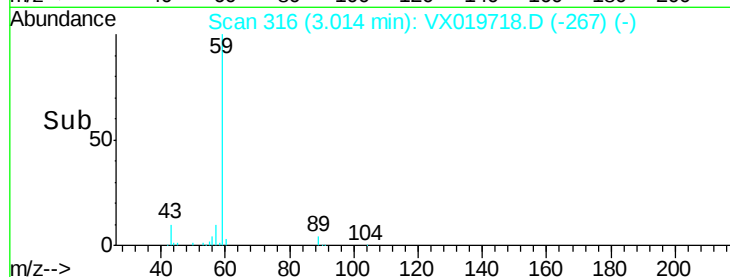
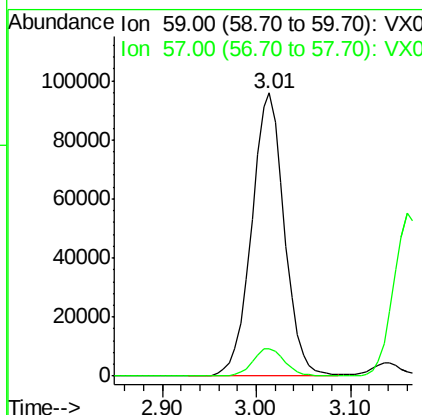
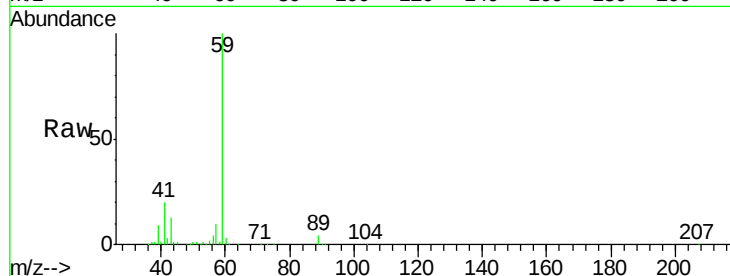


#11

Tert butyl alcohol
Concen: 242.875 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

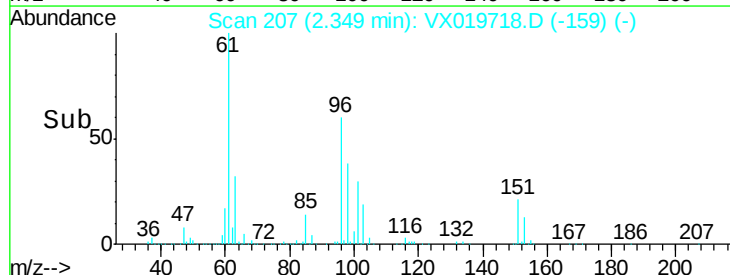
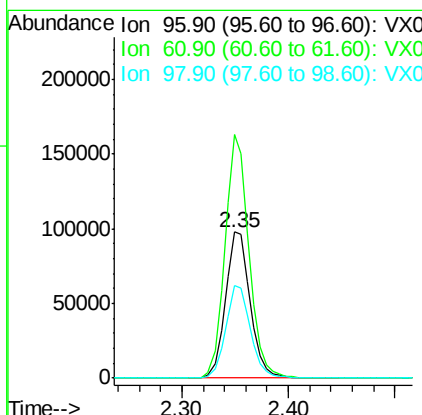
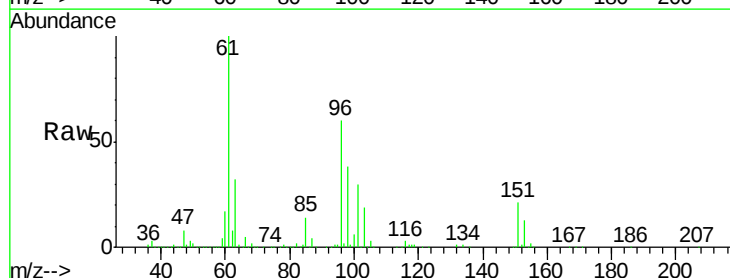
Tot Ion: 59 Resp: 232466
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

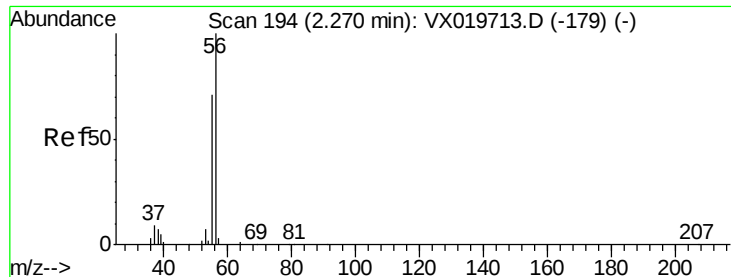


#12

1,1-Dichloroethene
Concen: 48.798 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 96 Resp: 158330
Ion Ratio Lower Upper
96 100
61 166.9 124.6 187.0
98 63.7 50.6 76.0





#13

Acrolein

Concen: 218.918 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

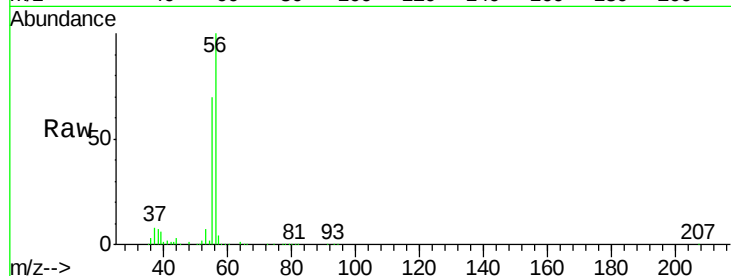
ICVVX120420

Tot Ion: 56 Resp: 112468

Ion Ratio Lower Upper

56 100

55 69.4 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

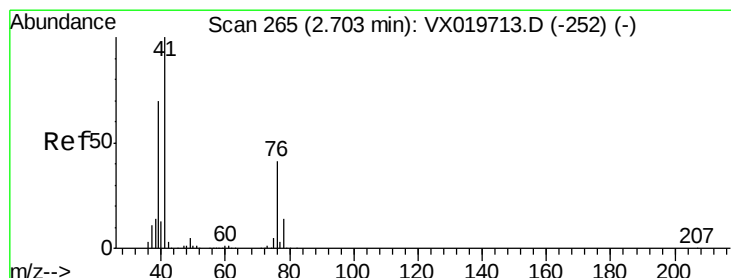
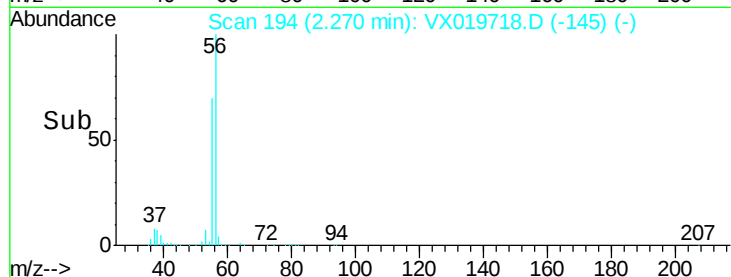
40000

20000

0

Time-->

2.10 2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.460 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

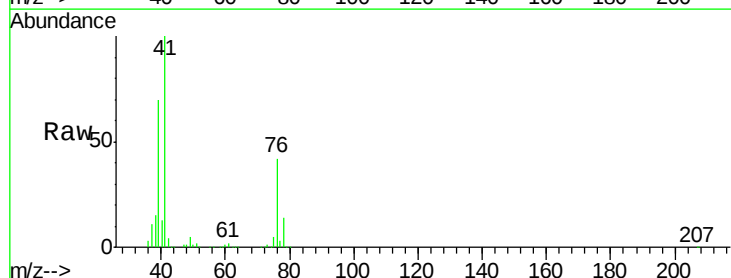
Tgt Ion: 41 Resp: 265551

Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 37.8 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

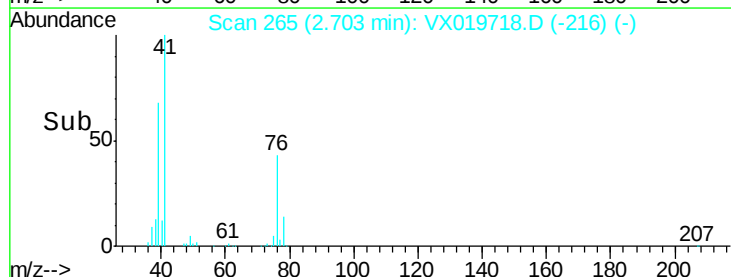
100000

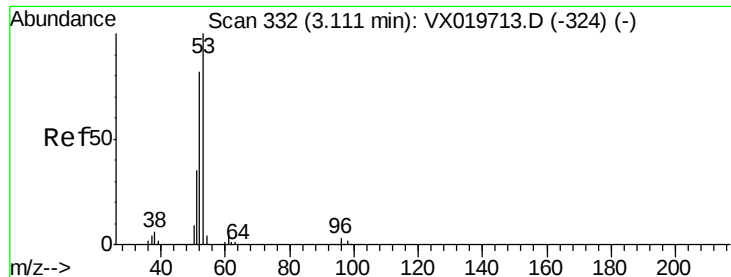
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 237.665 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

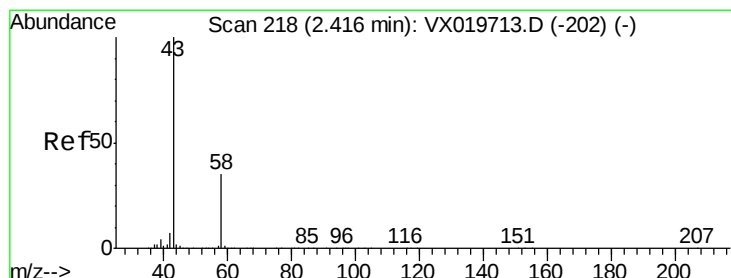
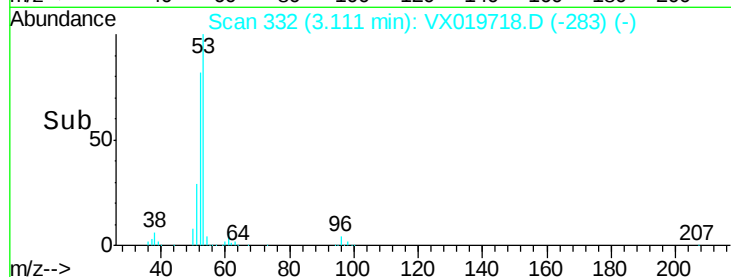
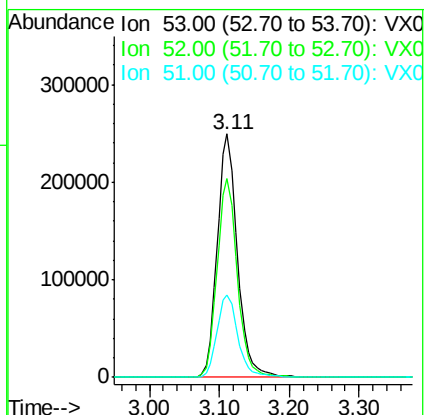
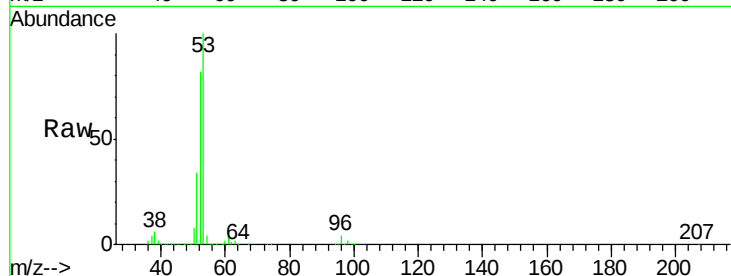
Tot Ion: 53 Resp: 500065

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

51 35.5 28.2 42.2



#16

Acetone

Concen: 233.462 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019718.D

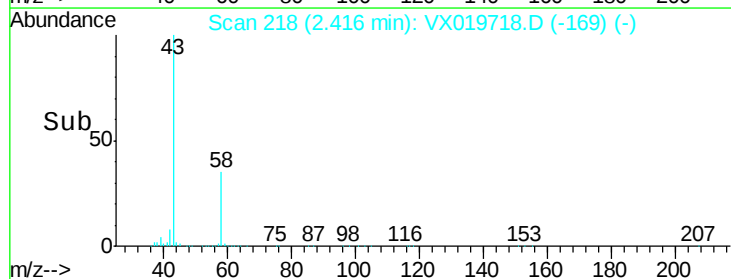
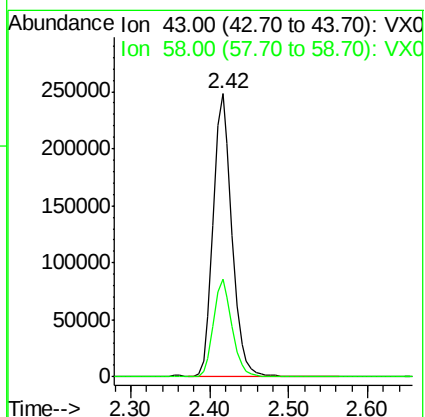
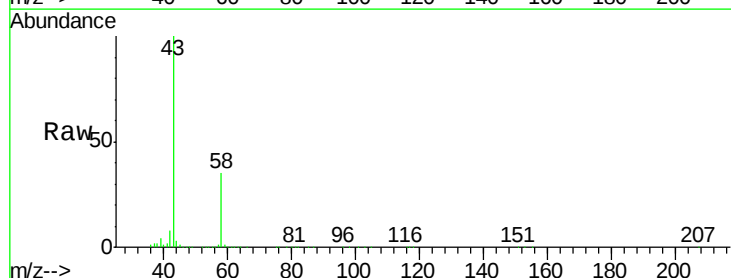
Acq: 04 Dec 2020 15:41

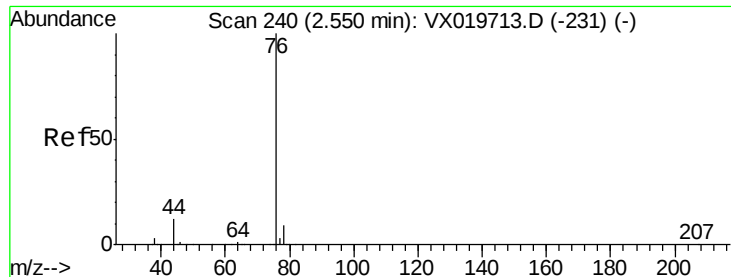
Tgt Ion: 43 Resp: 408425

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

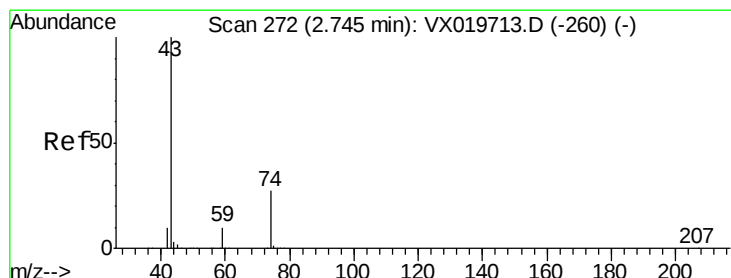
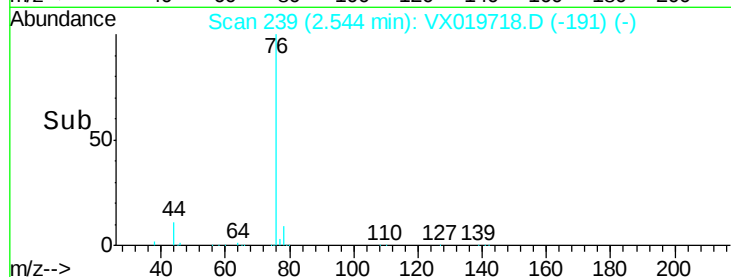
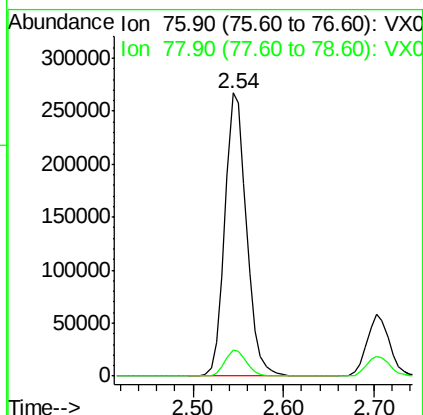
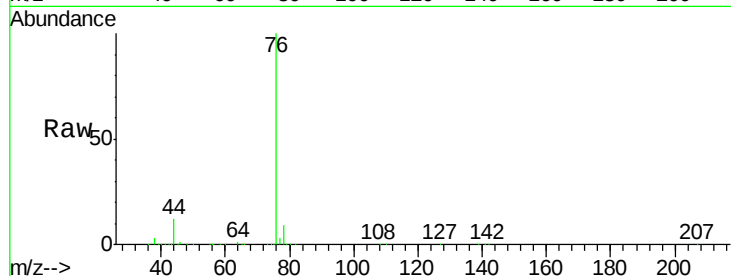




#17
Carbon Disulfide
Concen: 47.592 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

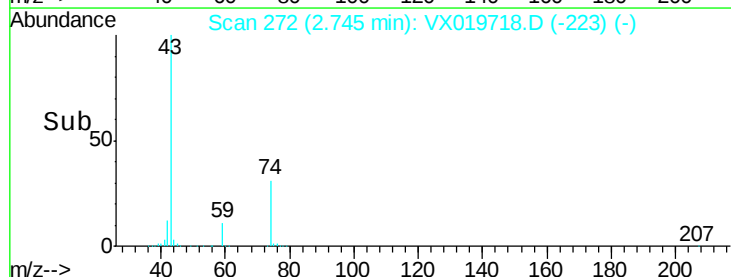
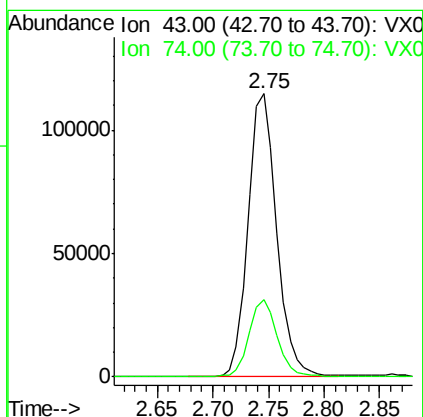
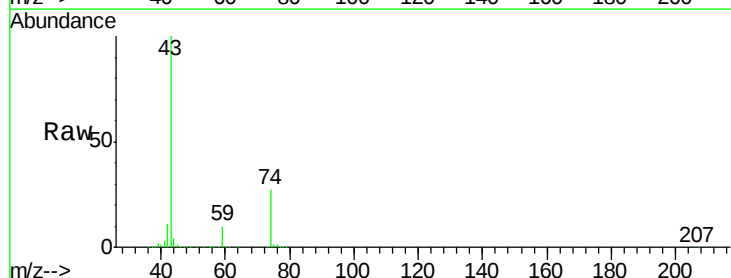
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

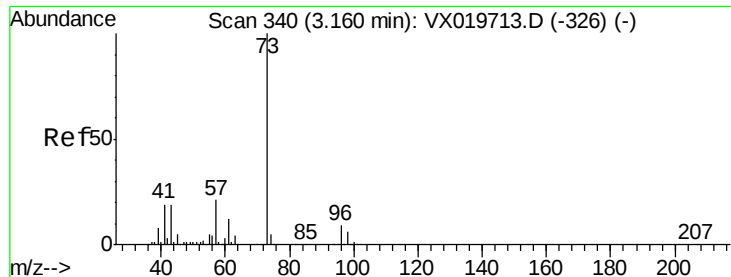
Tot Ion: 76 Resp: 443071
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.890 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 43 Resp: 205016
Ion Ratio Lower Upper
43 100
74 27.5 21.9 32.9

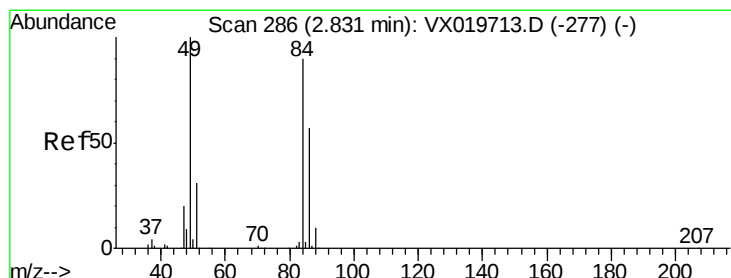
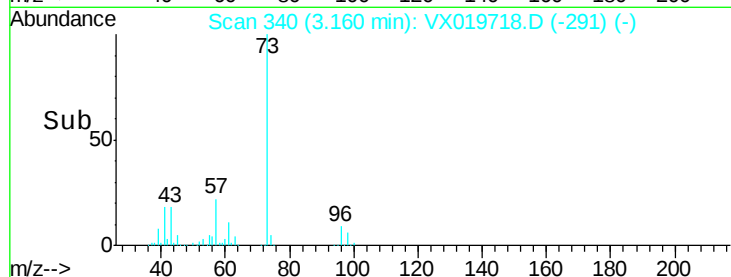
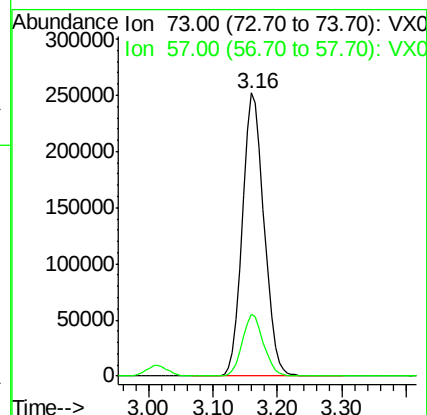
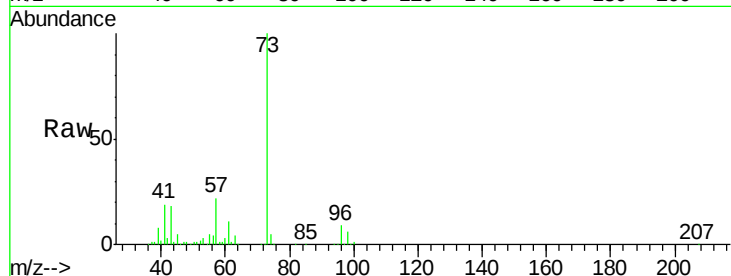




#19
Methyl tert-butyl Ether
Concen: 49.685 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

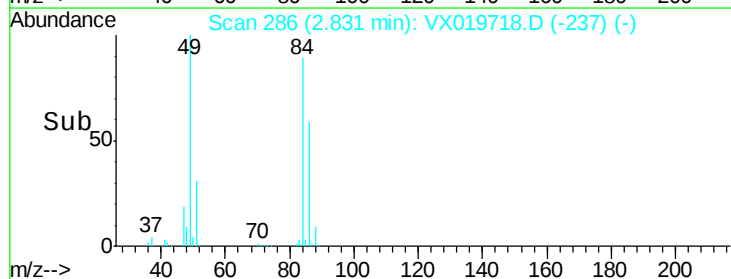
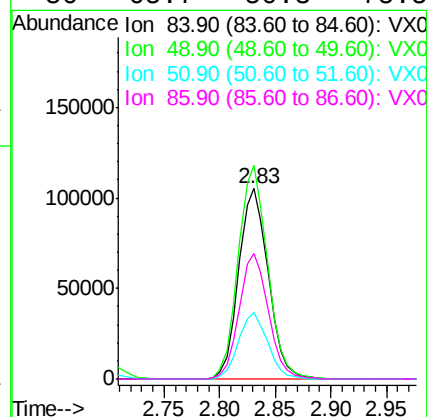
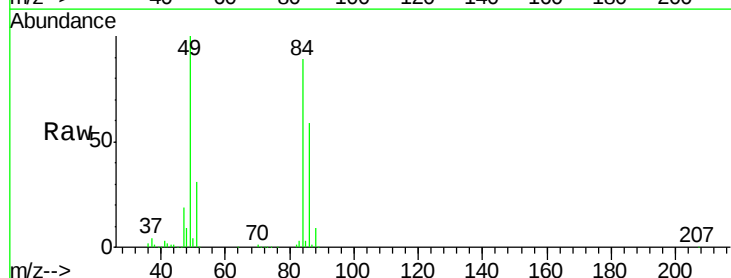
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

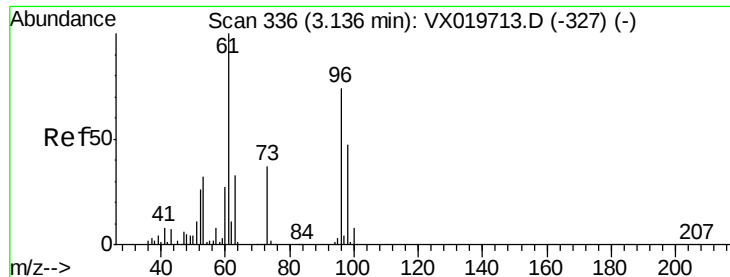
Tot Ion: 73 Resp: 587085
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 48.637 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 84 Resp: 194407
Ion Ratio Lower Upper
84 100
49 112.0 88.6 132.8
51 34.6 27.0 40.6
86 65.7 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.148 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

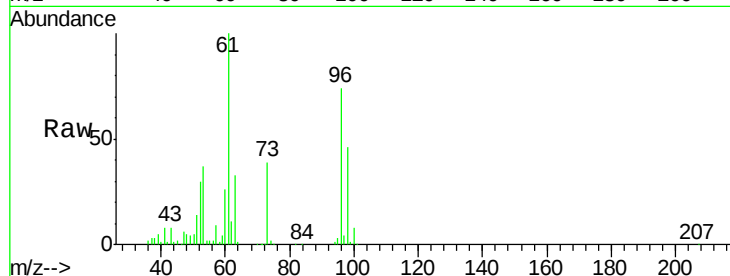
Tot Ion: 96 Resp: 185914

Ion Ratio Lower Upper

96 100

61 134.5 107.7 161.5

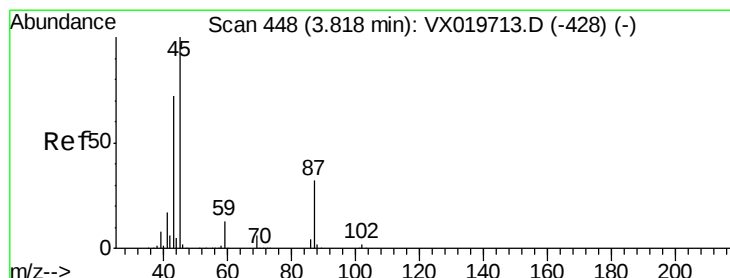
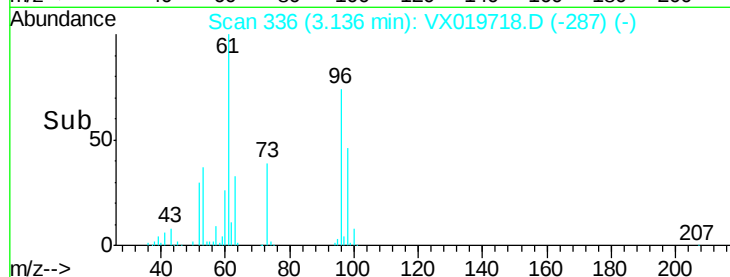
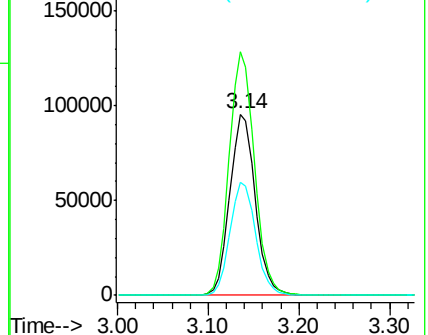
98 62.2 50.4 75.6



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: 49.490 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion: 45 Resp: 548312

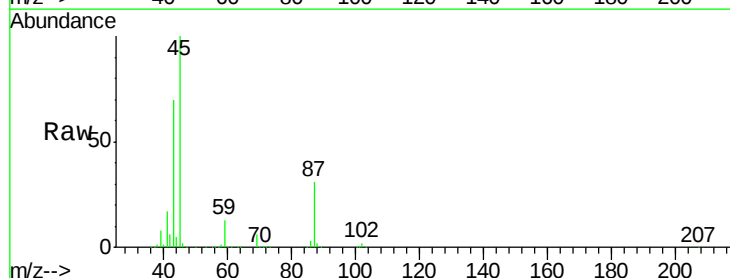
Ion Ratio Lower Upper

45 100

43 70.2 58.0 87.0

87 30.9 25.4 38.0

59 12.7 10.2 15.2

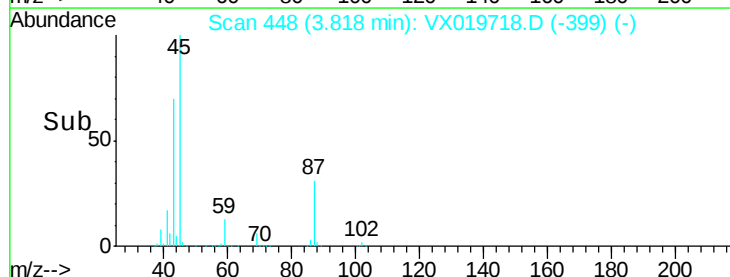
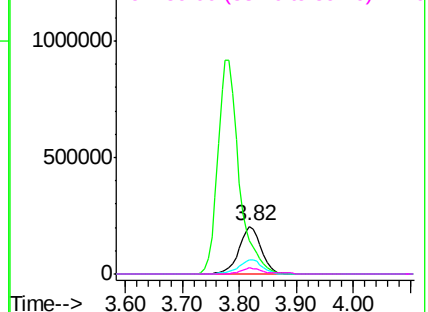


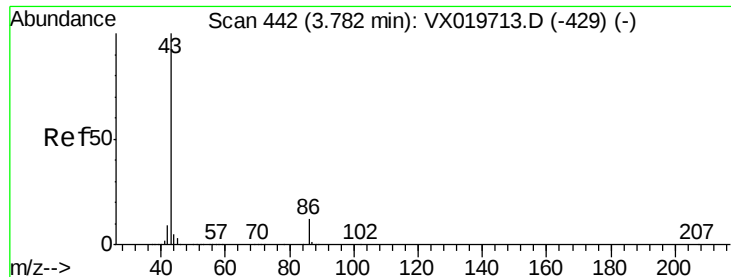
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.525 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

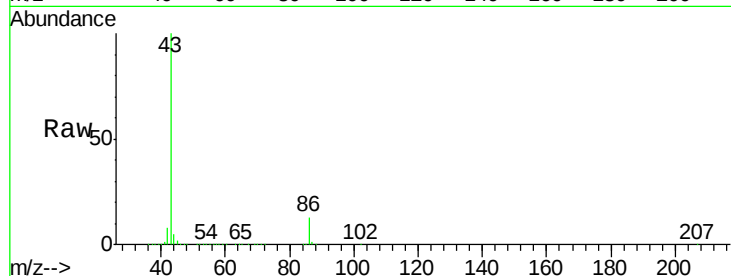
ICVX120420

Tot Ion: 43 Resp: 2374178

Ion Ratio Lower Upper

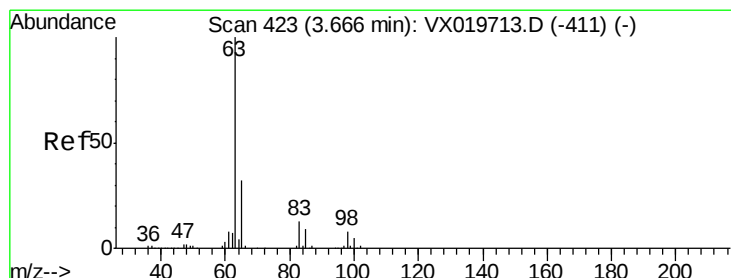
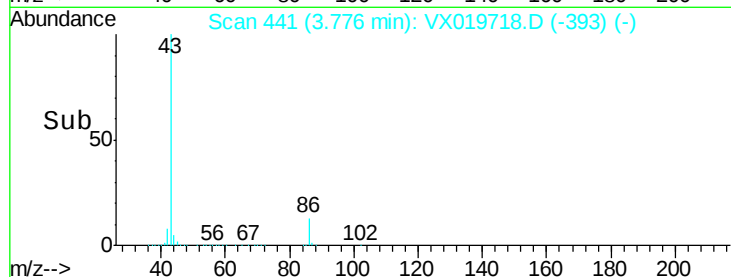
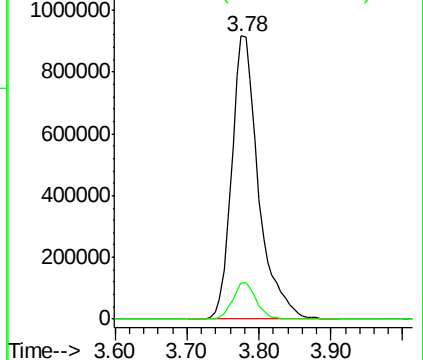
43 100

86 12.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.772 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

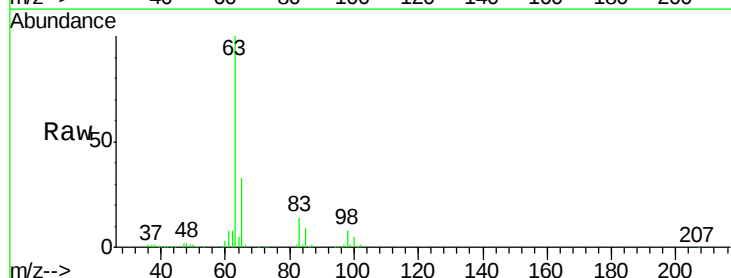
Tgt Ion: 63 Resp: 325852

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

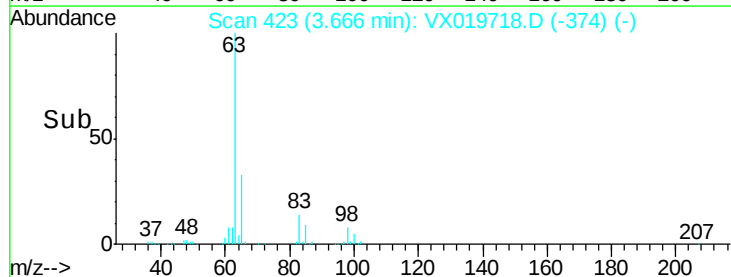
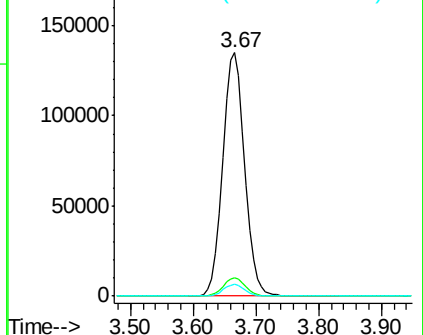
100 4.9 2.5 7.5

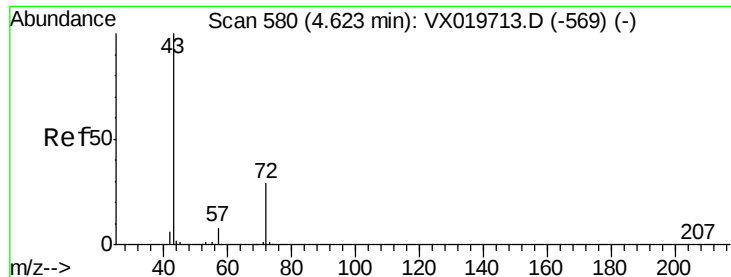


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.434 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

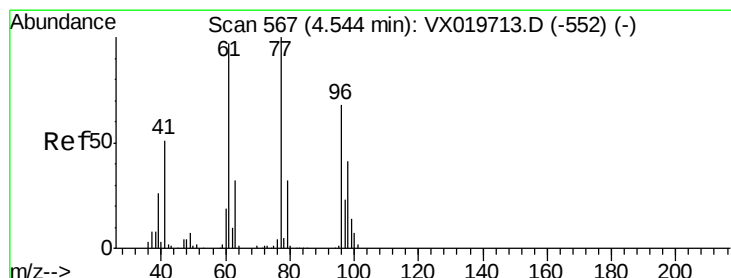
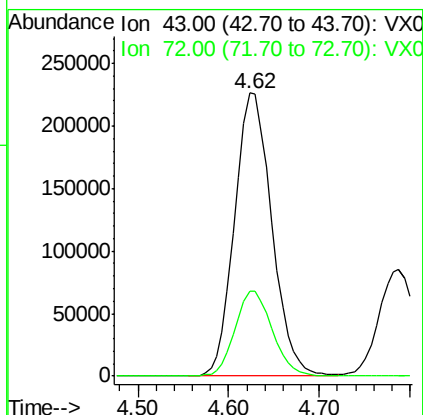
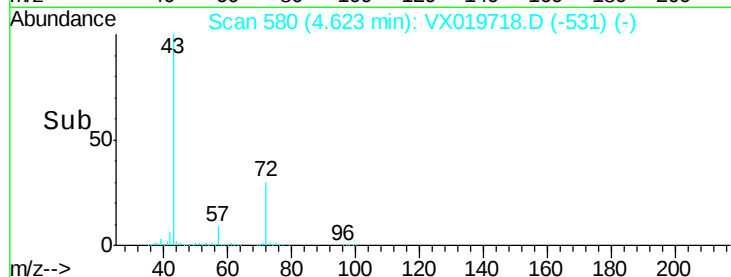
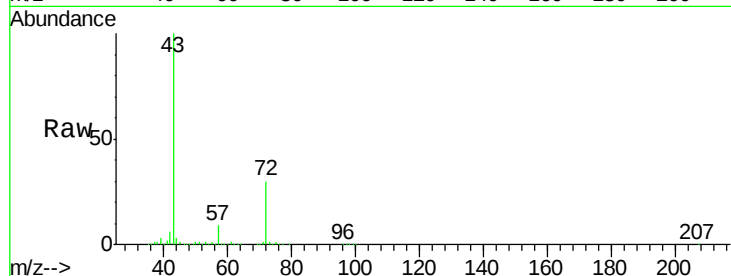
ICVVX120420

Tot Ion: 43 Resp: 643639

Ion Ratio Lower Upper

43 100

72 29.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 49.940 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019718.D

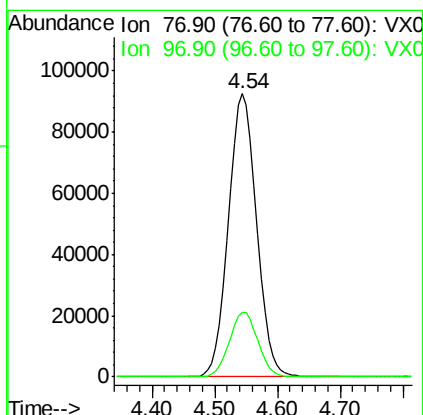
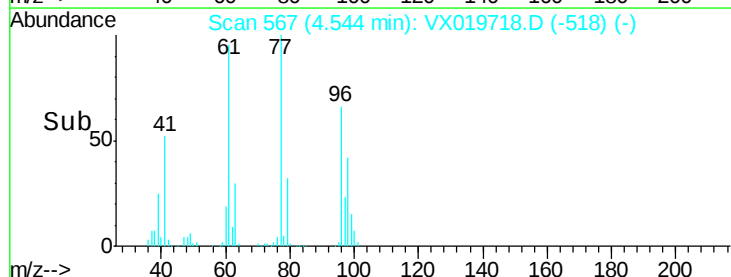
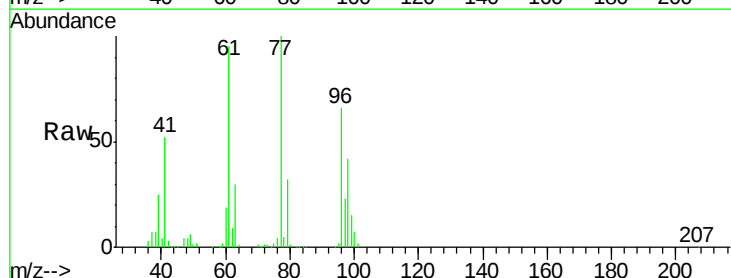
Acq: 04 Dec 2020 15:41

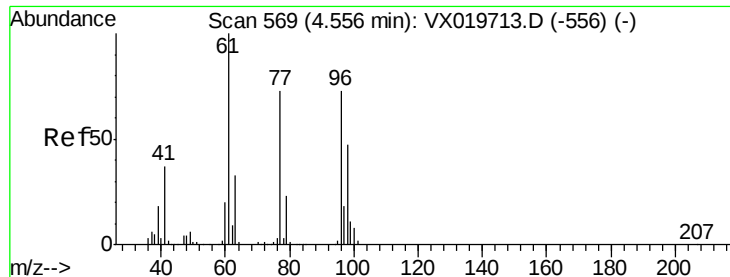
Tgt Ion: 77 Resp: 287335

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



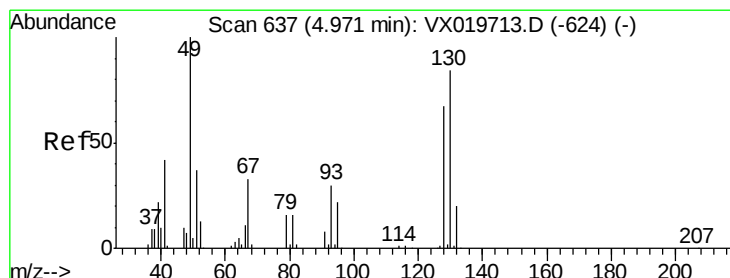
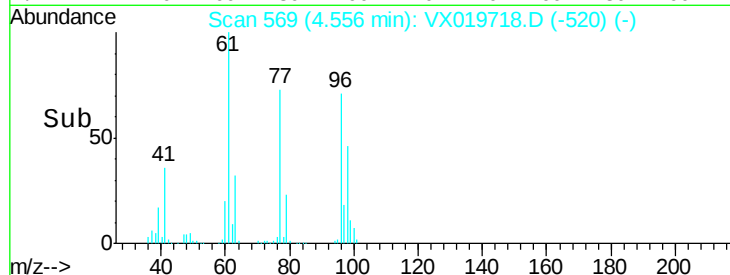
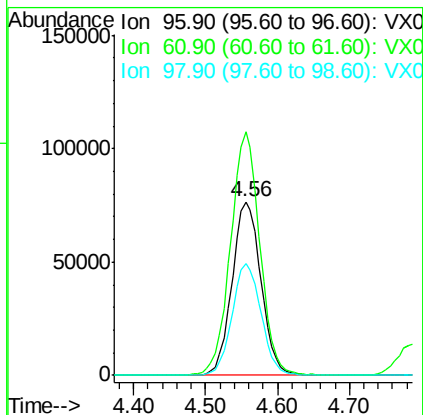
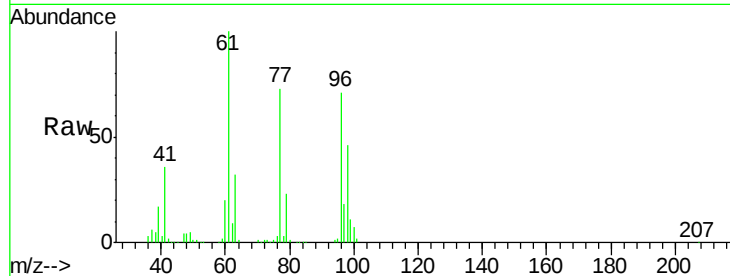


#27

cis-1,2-Dichloroethene
Concen: 48.314 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

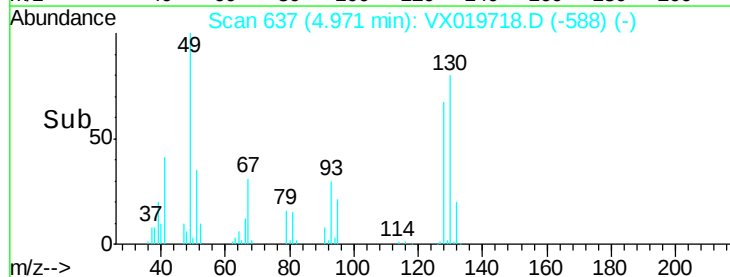
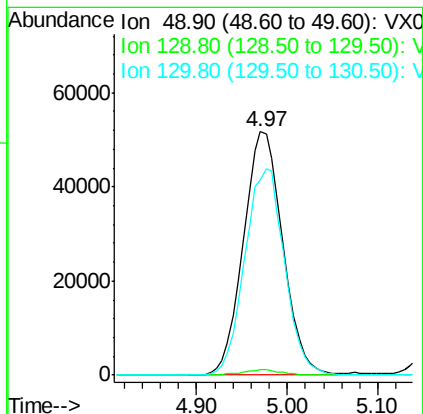
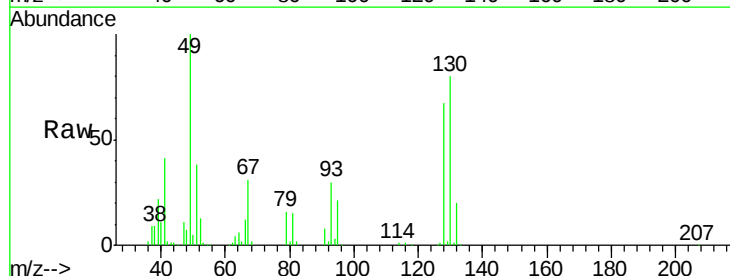
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	285.6
98	64.3	0.0	129.6

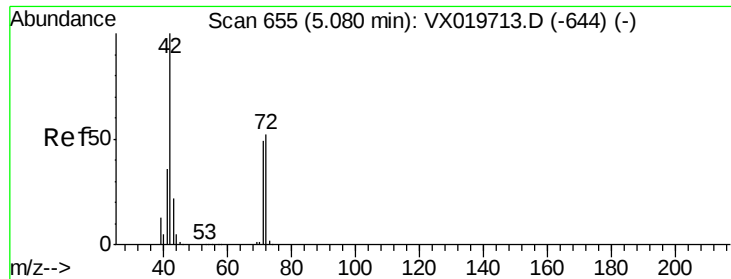


#28

Bromochloromethane
Concen: 48.862 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.7	68.2	102.2

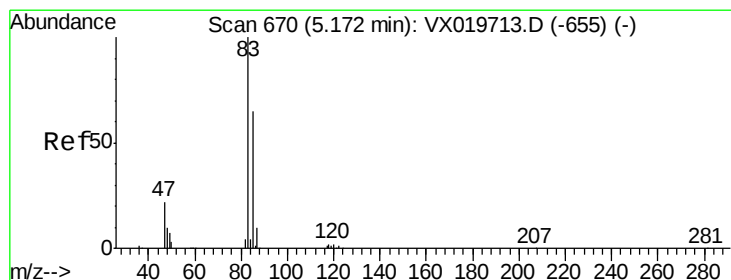
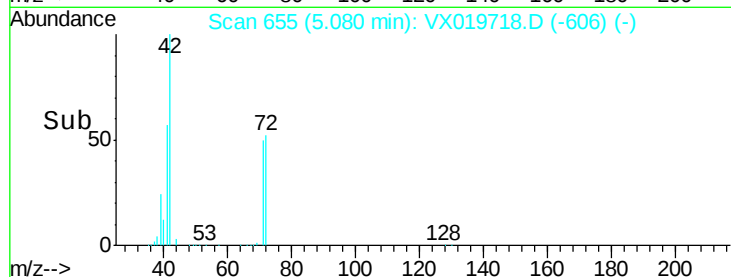
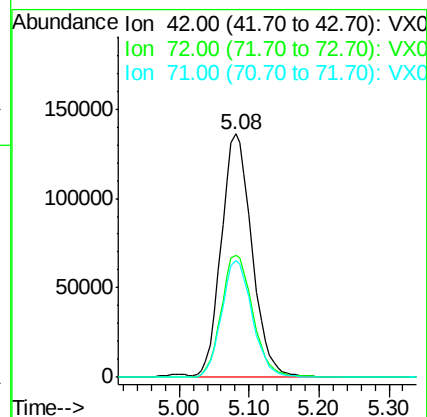
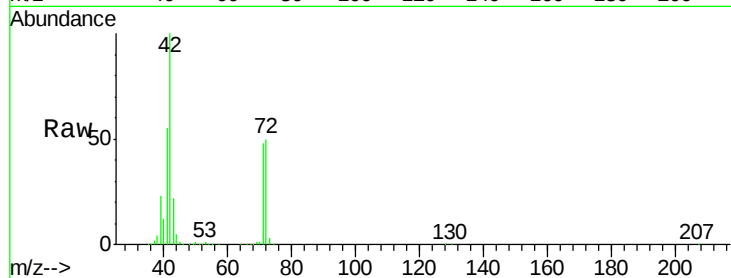




#29
Tetrahydrofuran
Concen: 238.177 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

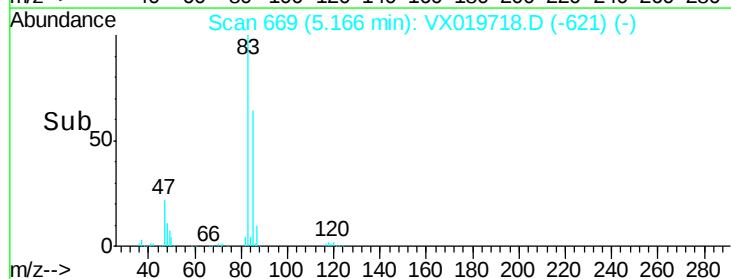
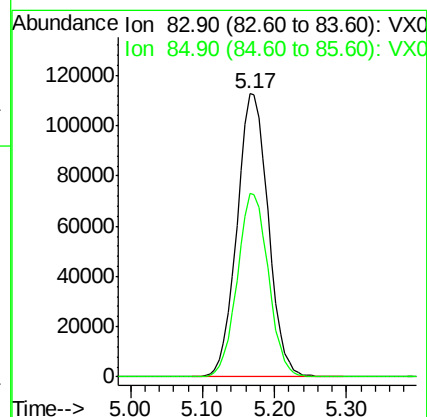
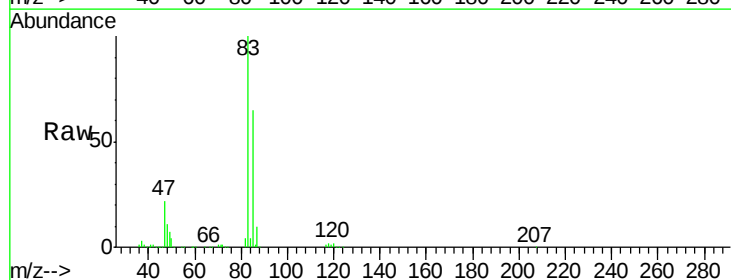
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

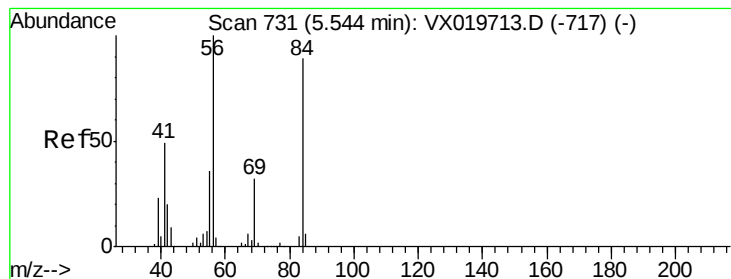
Tot Ion: 42 Resp: 412512
Ion Ratio Lower Upper
42 100
72 52.1 41.7 62.5
71 48.1 38.4 57.6



#30
Chloroform
Concen: 49.476 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 83 Resp: 339887
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0





#31

Cyclohexane

Concen: 49.640 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

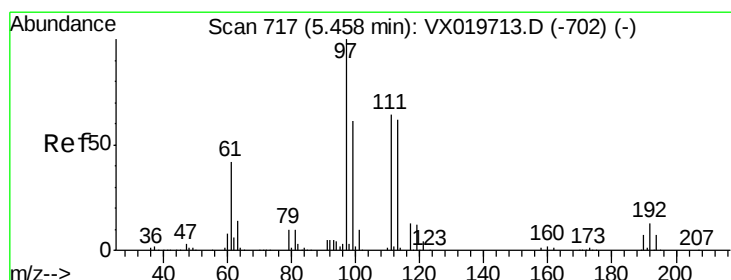
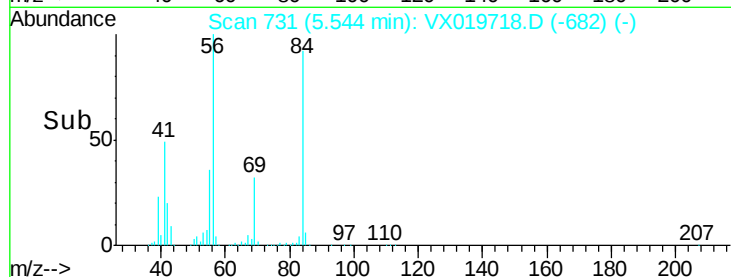
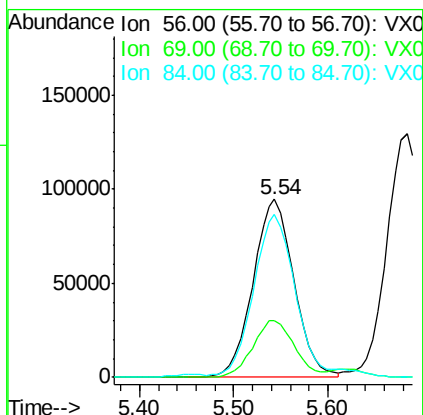
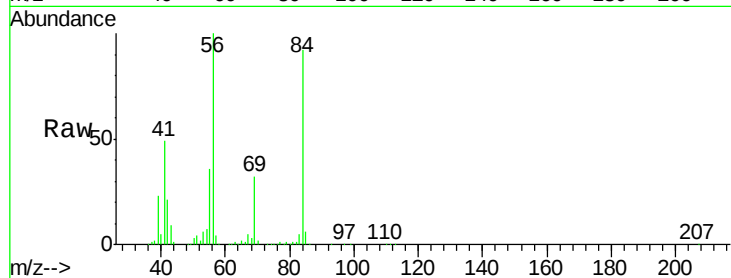
Tot Ion: 56 Resp: 287396

Ion Ratio Lower Upper

56 100

69 32.1 25.3 37.9

84 90.2 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 49.211 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

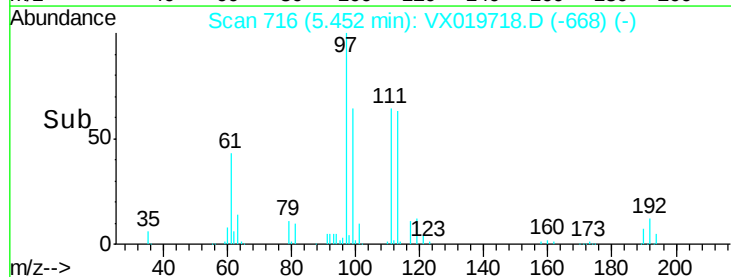
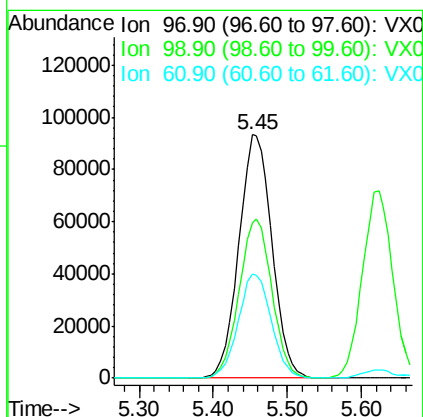
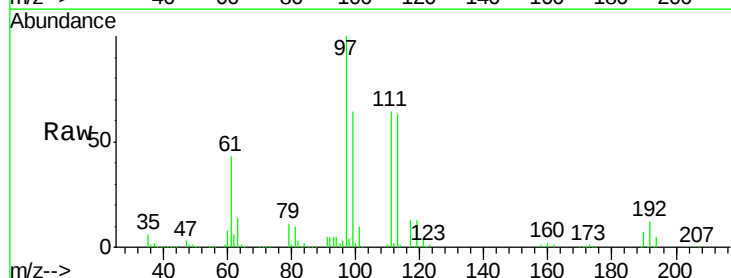
Tgt Ion: 97 Resp: 291135

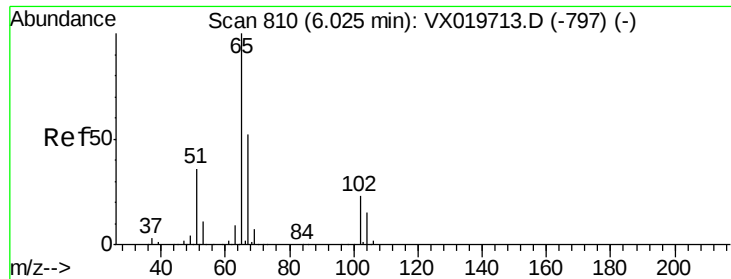
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 42.9 34.2 51.4

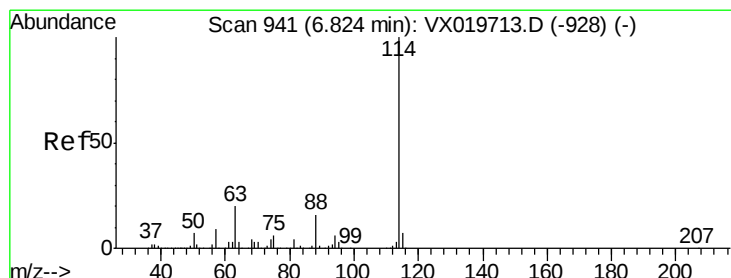
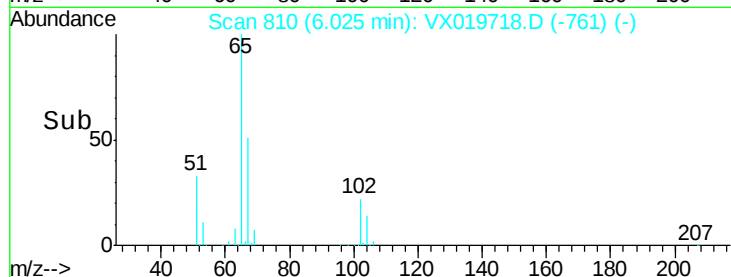
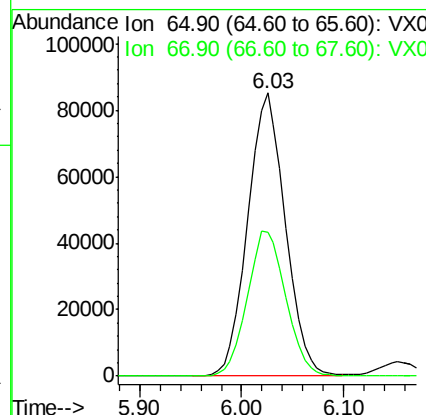
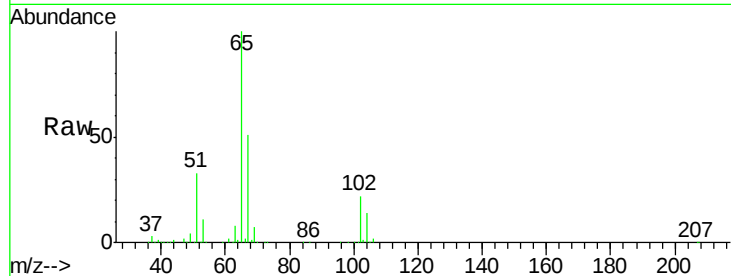




#33
 1,2-Dichloroethane-d4
 Concen: 46.969 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

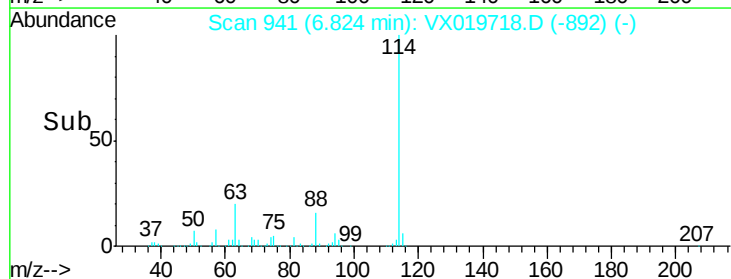
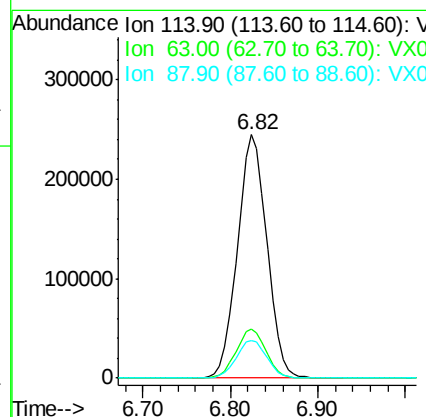
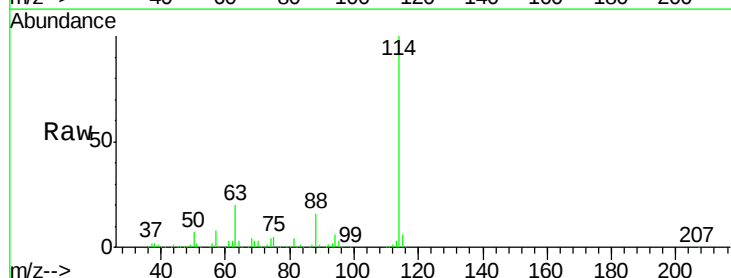
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

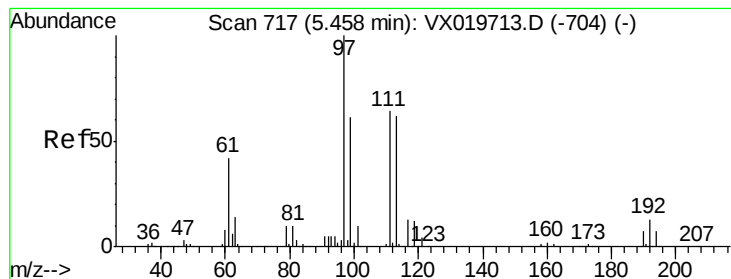
Tot Ion: 65 Resp: 218609
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion: 114 Resp: 572267
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.033 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

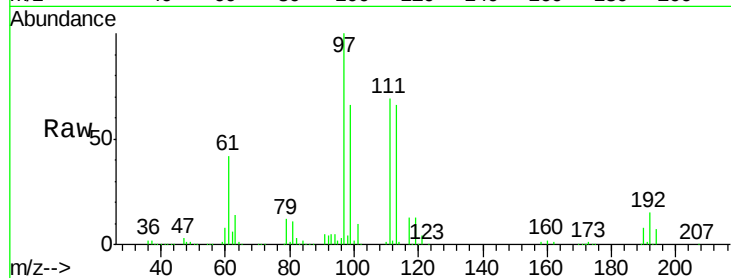
Tot Ion:113 Resp: 177650

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

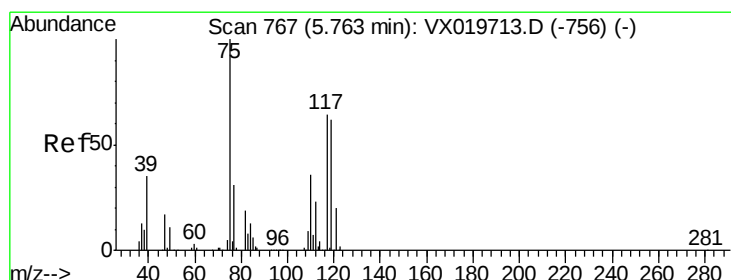
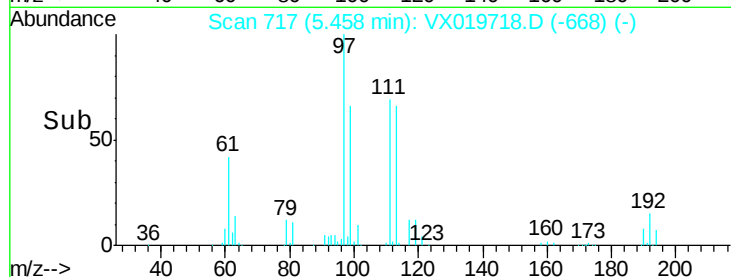
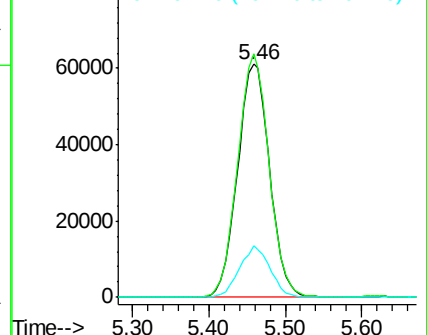
192 21.1 16.7 25.1



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: 49.480 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

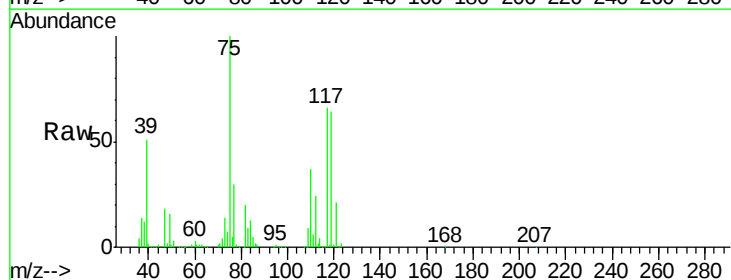
Tgt Ion: 75 Resp: 255871

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

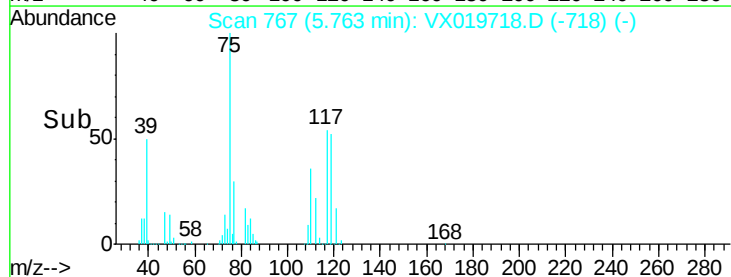
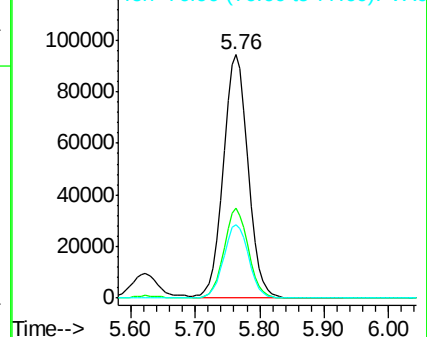
77 30.8 25.3 37.9

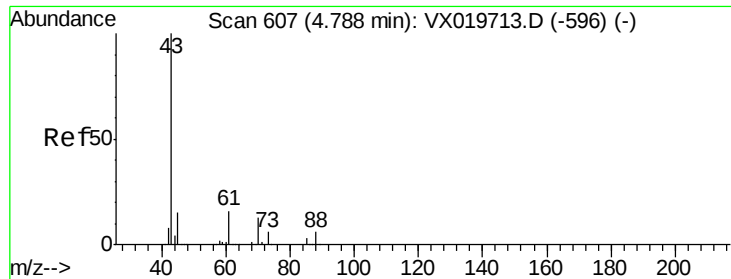


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

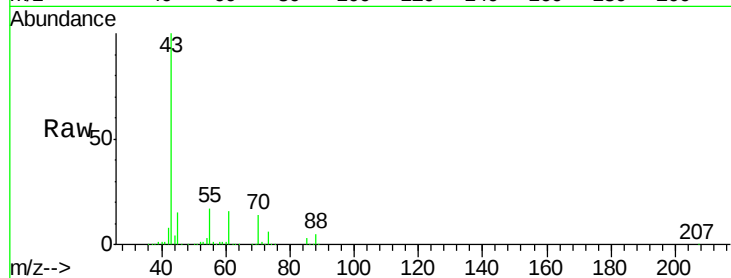




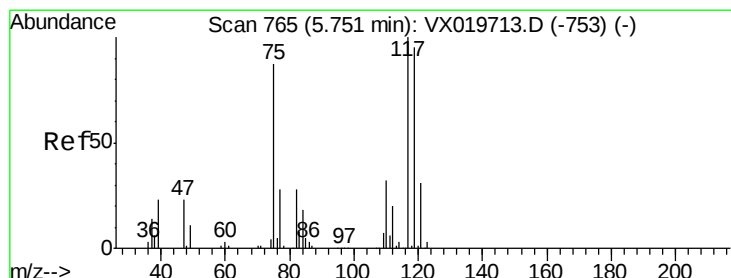
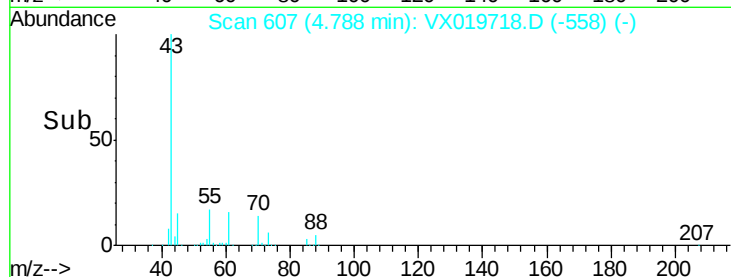
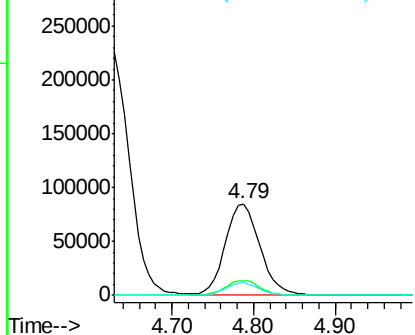
#37
Ethyl Acetate
Concen: 47.448 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion: 43 Resp: 247737
Ion Ratio Lower Upper
43 100
61 16.1 12.8 19.2
70 13.3 10.5 15.7

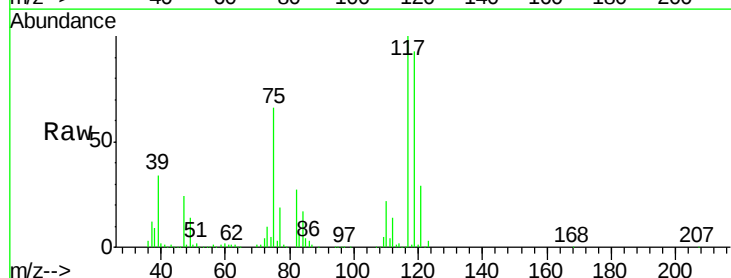


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

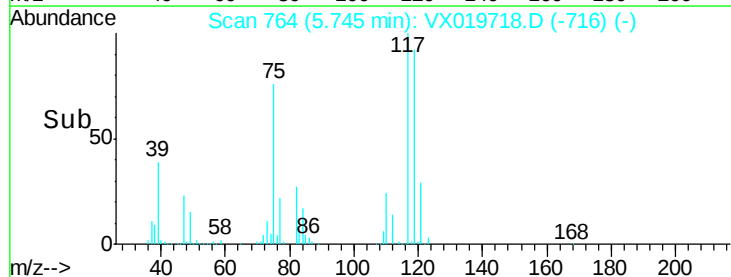
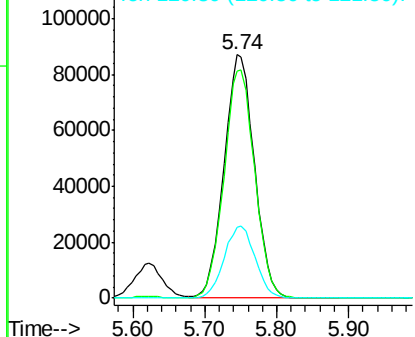


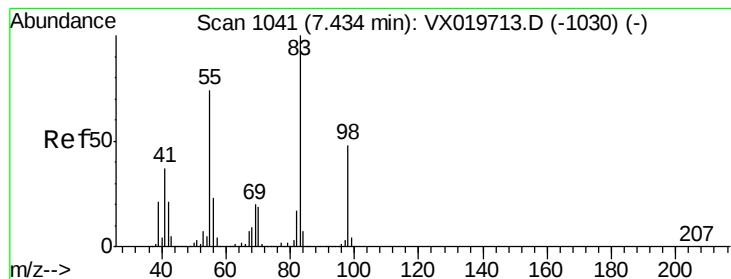
#38
Carbon Tetrachloride
Concen: 50.244 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 117 Resp: 254431
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.2
121 29.2 24.8 37.2



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





#39

Methvlcvclohexane

Concen: 50.792 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

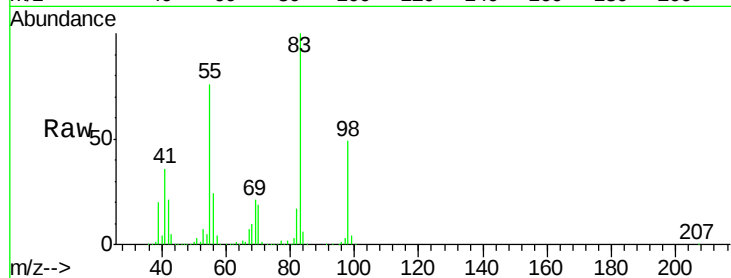
Tot Ion: 83 Resp: 308588

Ion Ratio Lower Upper

83 100

55 75.9 58.9 88.3

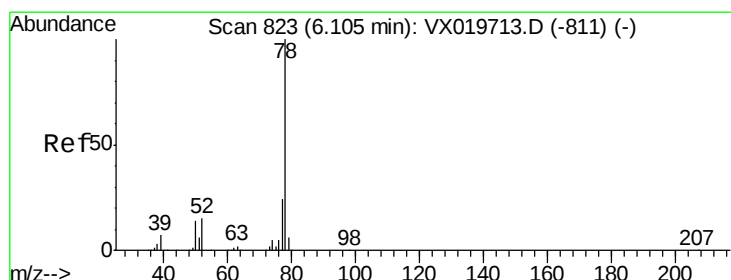
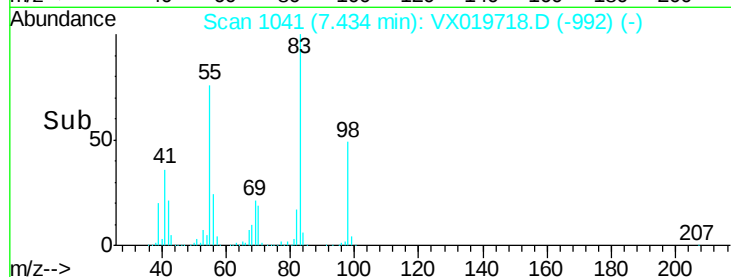
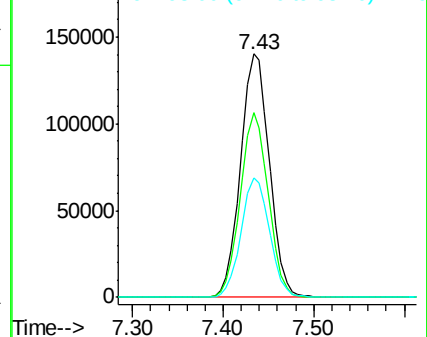
98 49.3 38.1 57.1



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: 48.820 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.00 min

Lab File: VX019718.D

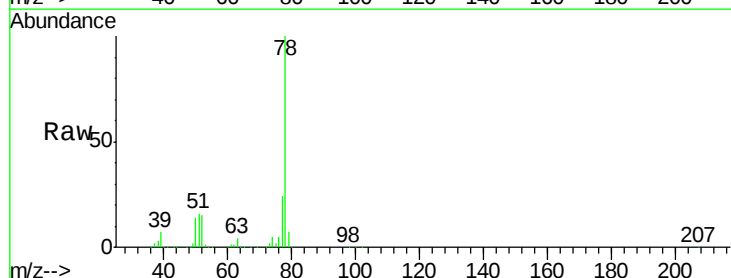
Acq: 04 Dec 2020 15:41

Tgt Ion: 78 Resp: 771183

Ion Ratio Lower Upper

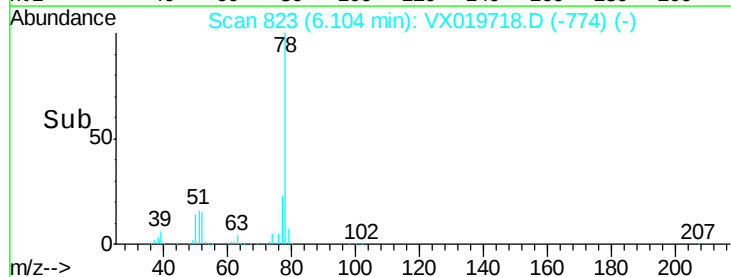
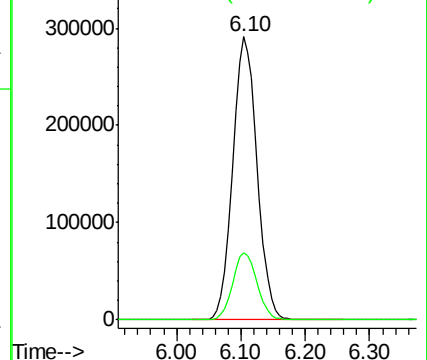
78 100

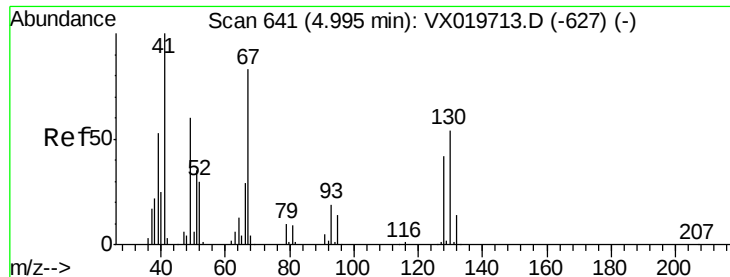
77 23.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.422 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 41 Resp: 138811

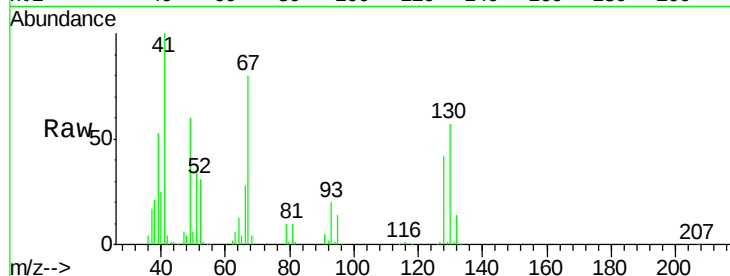
Ion Ratio Lower Upper

41 100

39 53.1 42.5 63.7

67 82.0 65.0 97.6

52 31.3 25.3 37.9



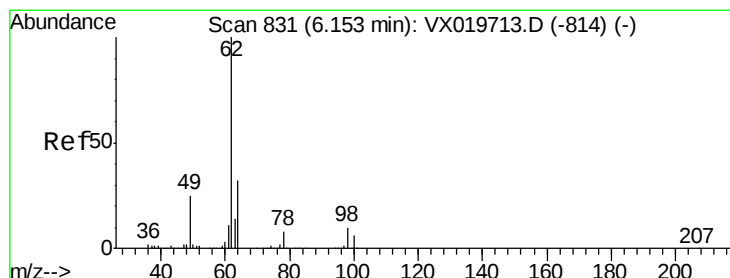
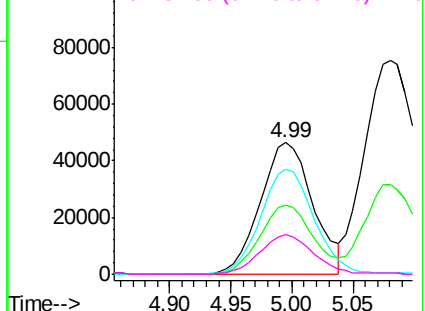
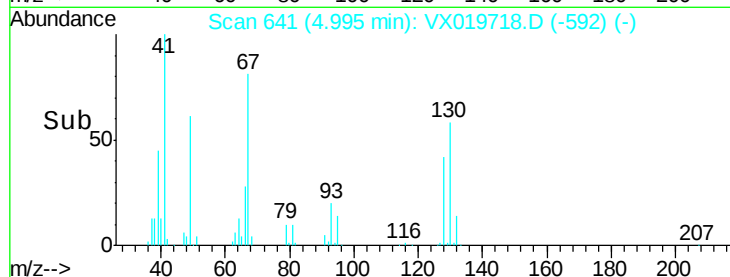
Abundance

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: 48.974 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.00 min

Lab File: VX019718.D

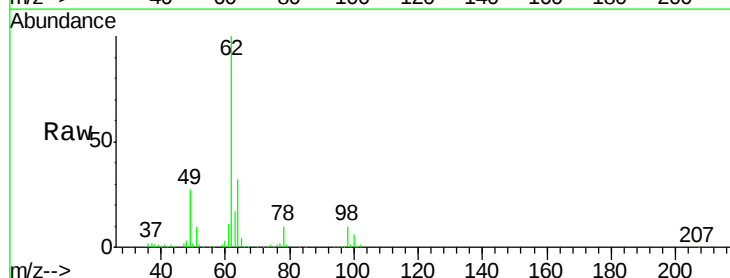
Acq: 04 Dec 2020 15:41

Tgt Ion: 62 Resp: 264317

Ion Ratio Lower Upper

62 100

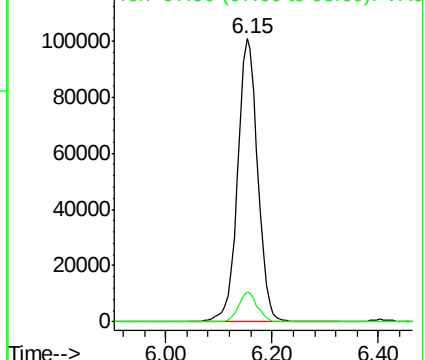
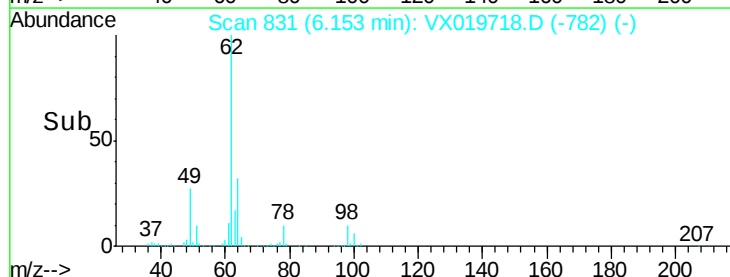
98 10.0 0.0 20.2

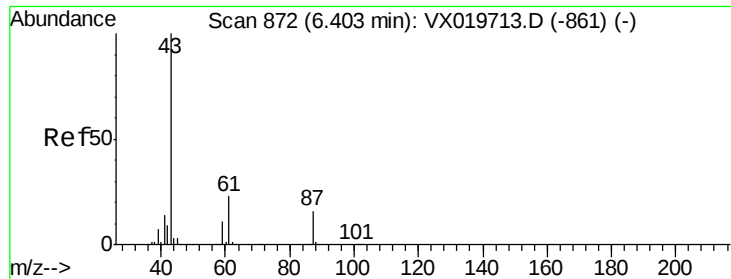


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.490 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

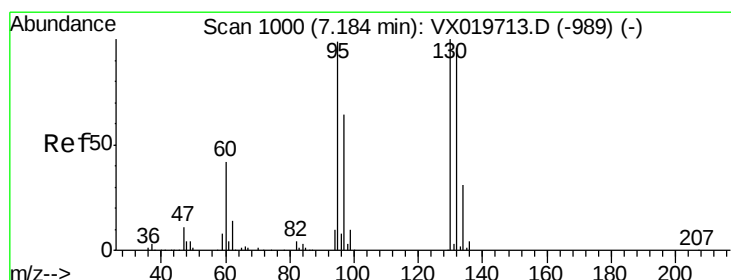
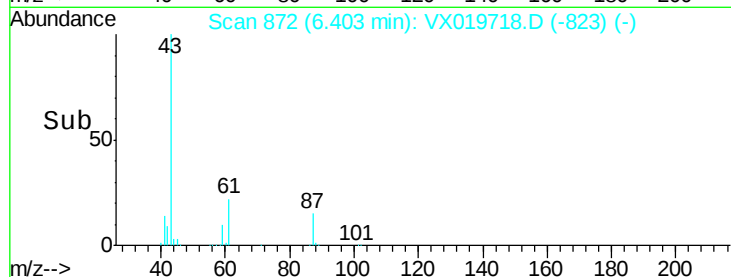
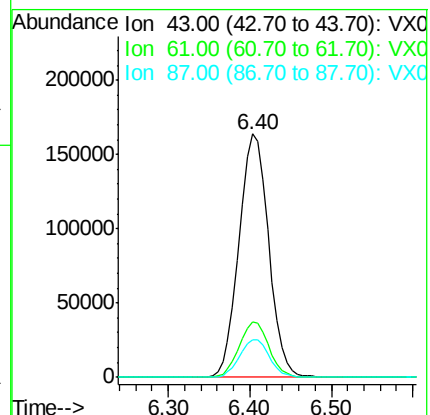
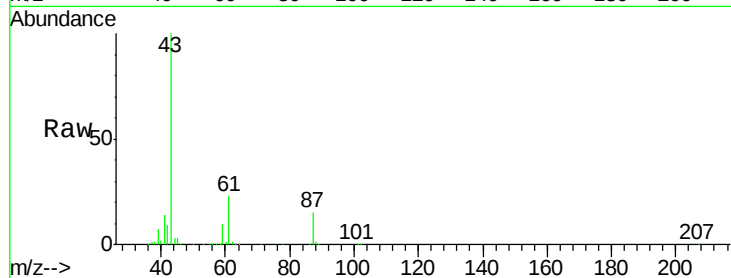
Tot Ion: 43 Resp: 411612

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.7 12.5 18.7



#44

Trichloroethene

Concen: 48.367 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019718.D

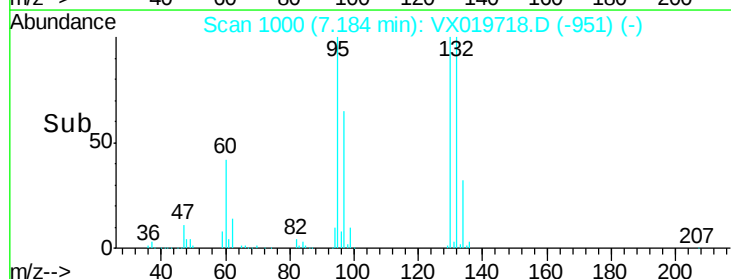
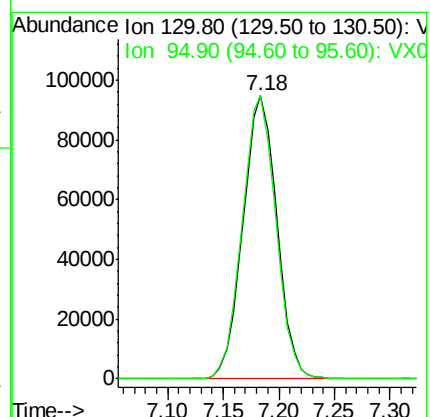
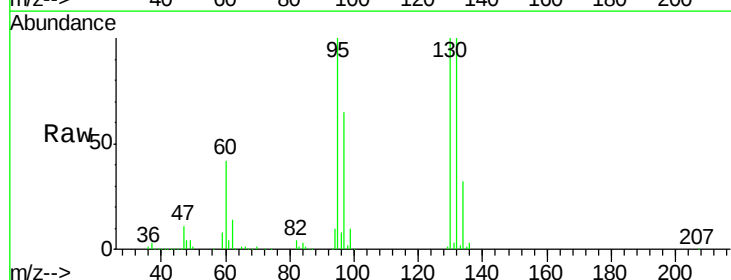
Acq: 04 Dec 2020 15:41

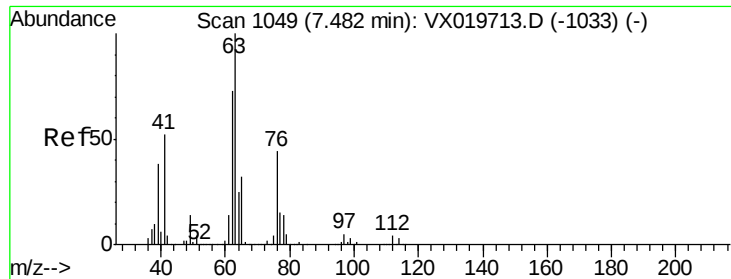
Tgt Ion:130 Resp: 200465

Ion Ratio Lower Upper

130 100

95 100.1 0.0 198.0





#45

1,2-Dichloropropane

Concen: 49.125 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

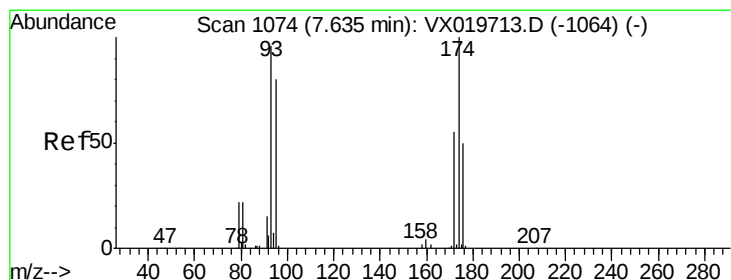
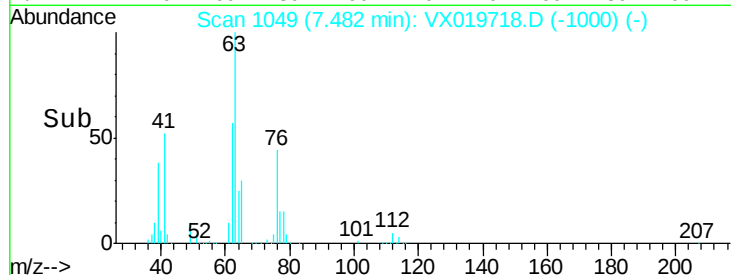
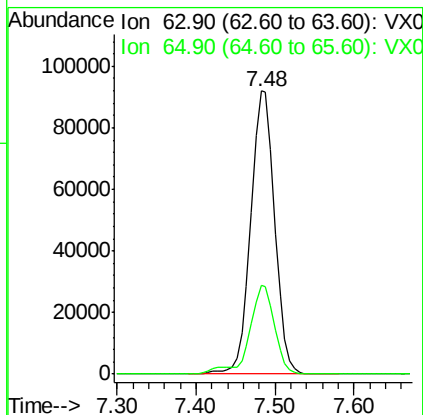
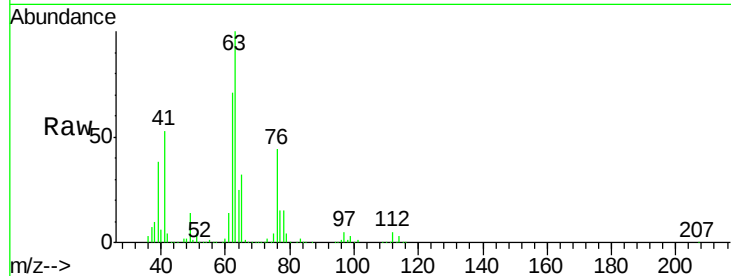
ICVVX120420

Tot Ion: 63 Resp: 193943

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 49.289 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

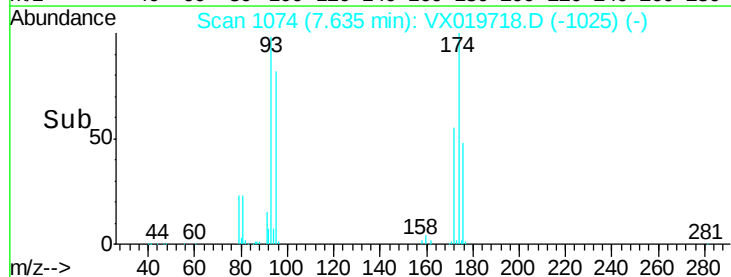
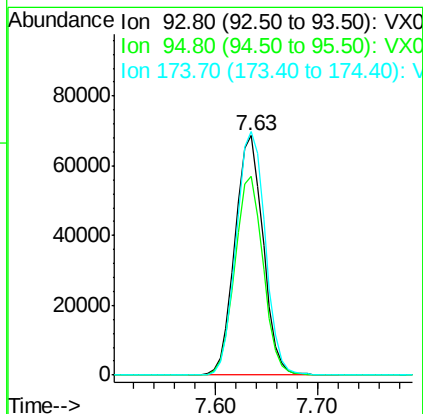
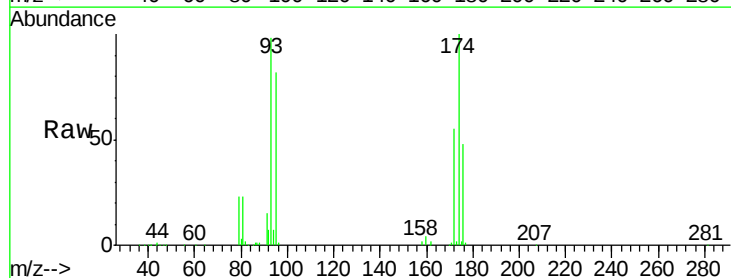
Tgt Ion: 93 Resp: 131409

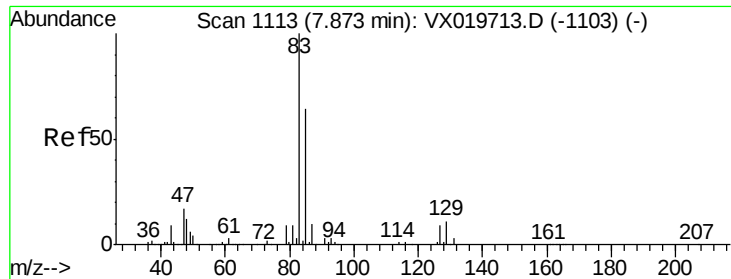
Ion Ratio Lower Upper

93 100

95 83.2 66.8 100.2

174 104.6 83.1 124.7





#47

Bromodichloromethane

Concen: 49.908 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

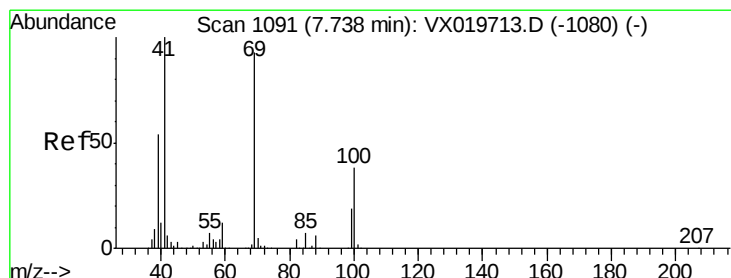
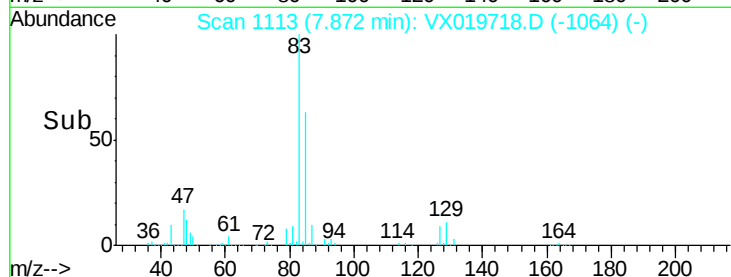
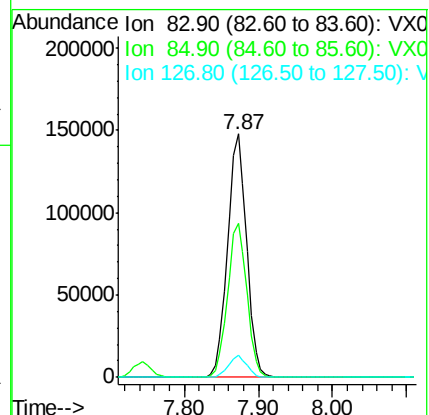
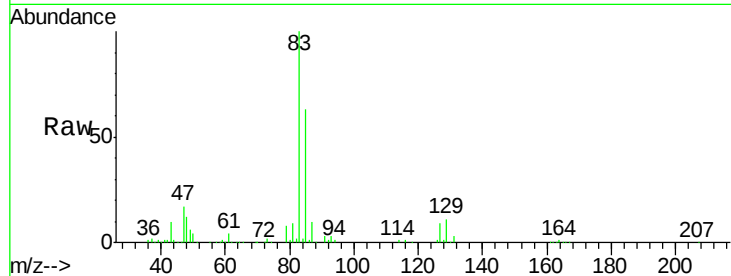
Tot Ion: 83 Resp: 264036

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

127 8.9 6.8 10.2



#48

Methyl methacrylate

Concen: 49.042 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

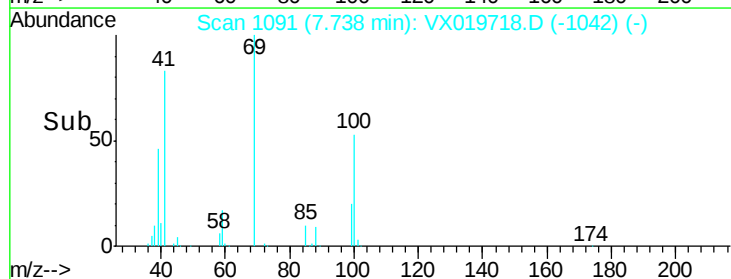
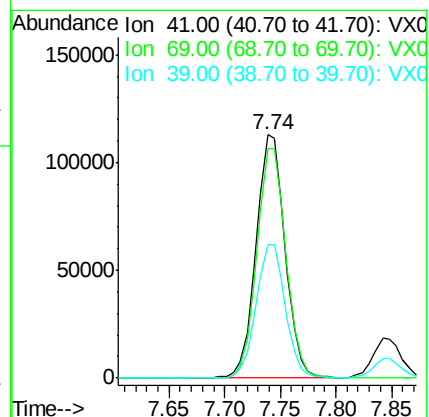
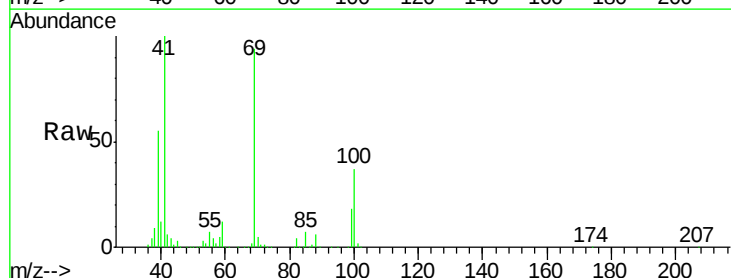
Tgt Ion: 41 Resp: 204738

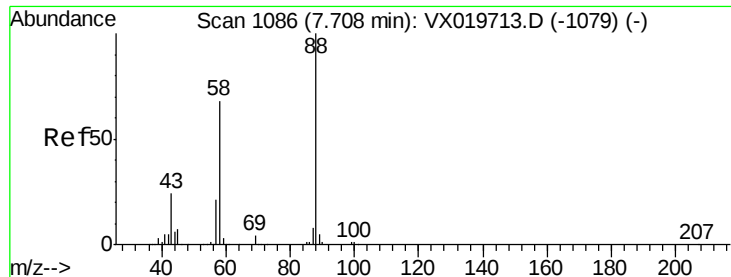
Ion Ratio Lower Upper

41 100

69 95.1 76.0 114.0

39 55.8 44.6 67.0

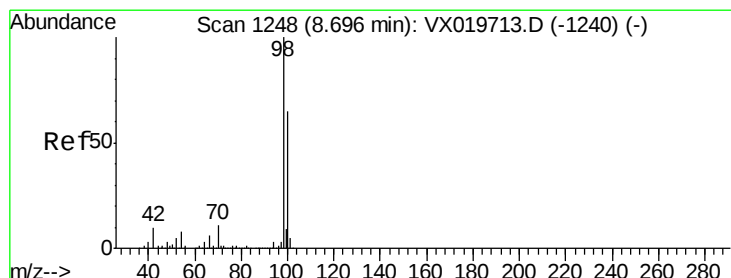
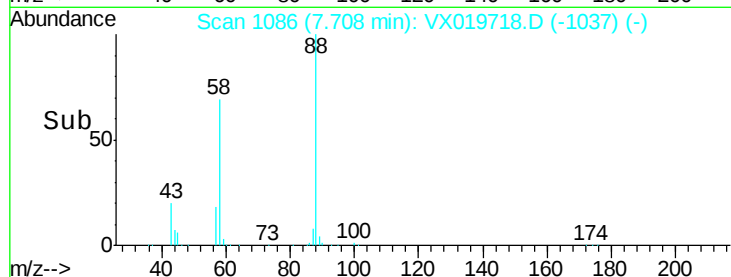
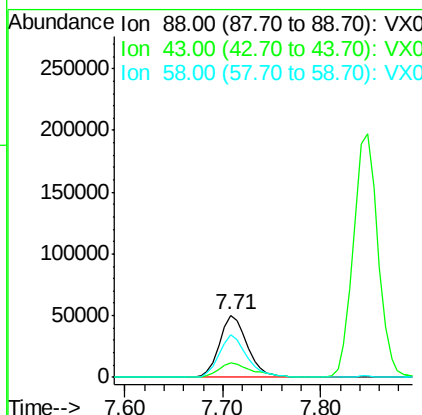
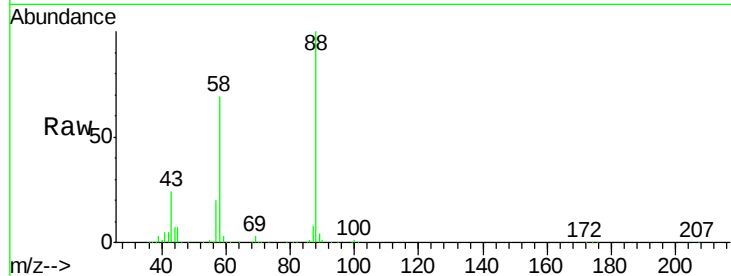




#49
1,4-Dioxane
Concen: 983.372 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

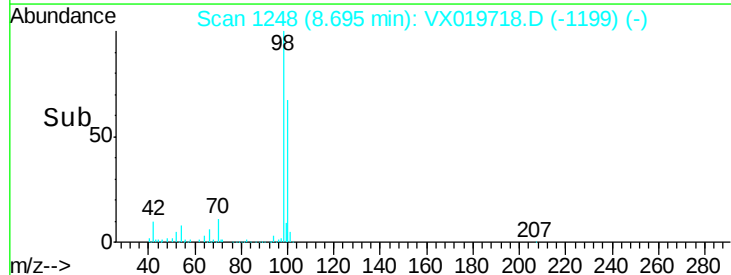
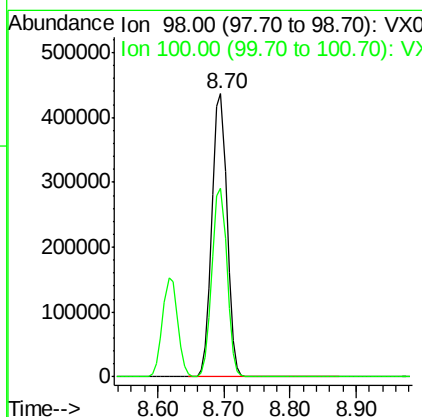
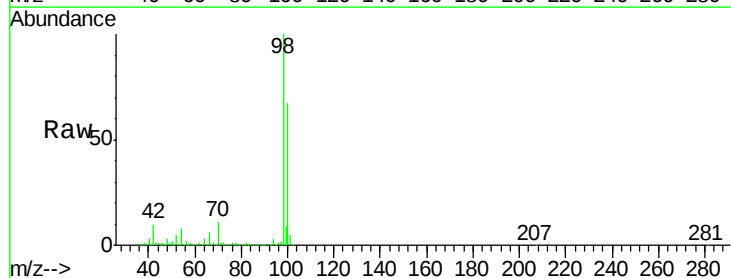
Instrument :
MSVOA_X
ClientSampled :
ICVVX120420

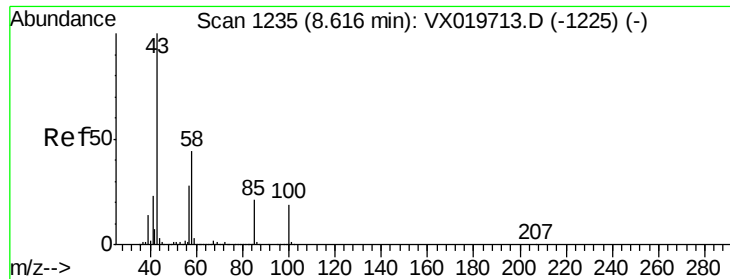
Tot Ion: 88 Resp: 99451
Ion Ratio Lower Upper
88 100
43 28.4 23.2 34.8
58 68.8 55.0 82.4



#50
Toluene-d8
Concen: 48.872 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 98 Resp: 690060
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 247.353 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

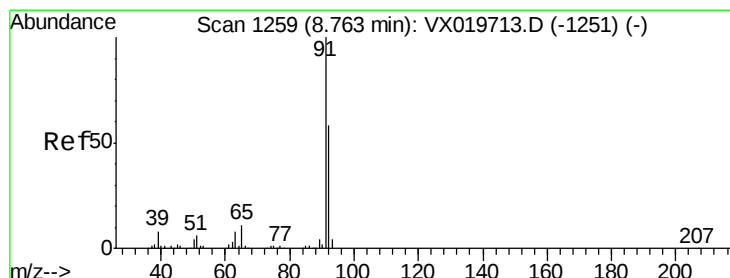
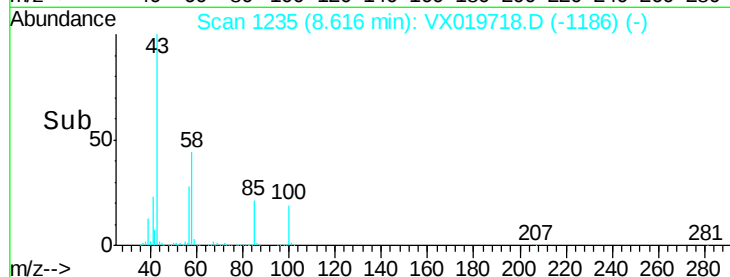
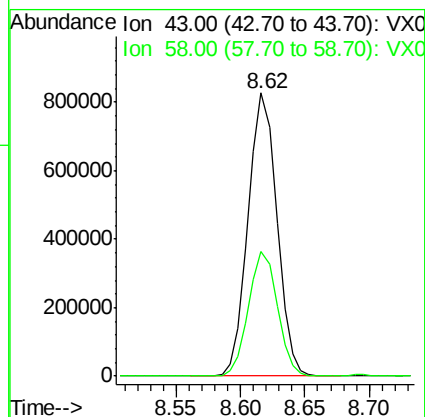
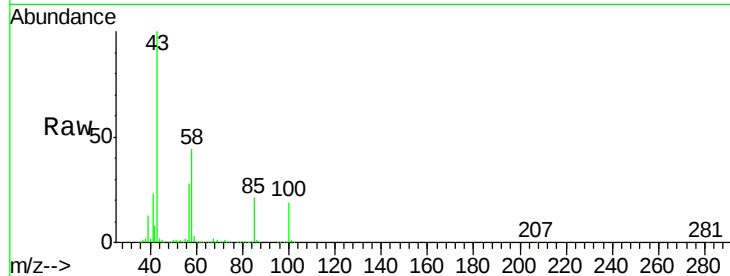
ICVX120420

Tot Ion: 43 Resp: 1281921

Ion Ratio Lower Upper

43 100

58 44.0 35.4 53.0



#52

Toluene

Concen: 50.018 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019718.D

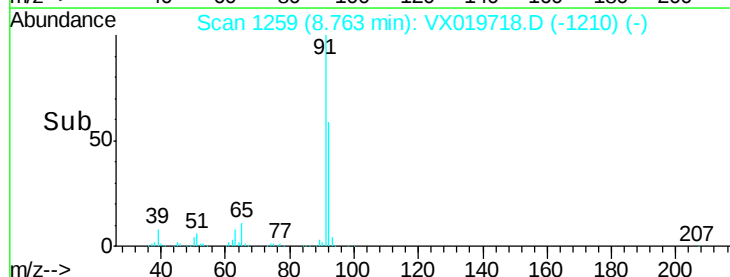
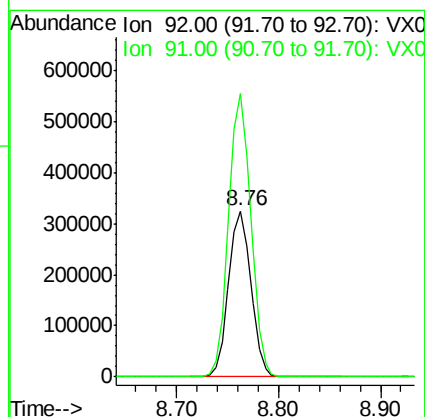
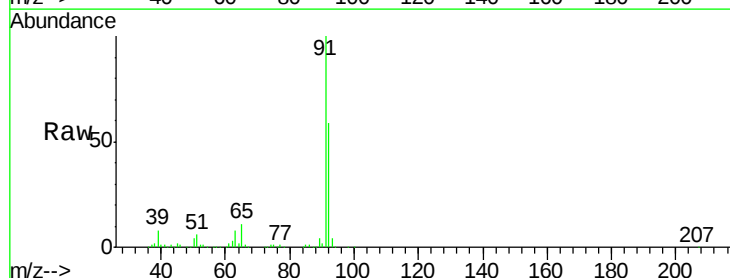
Acq: 04 Dec 2020 15:41

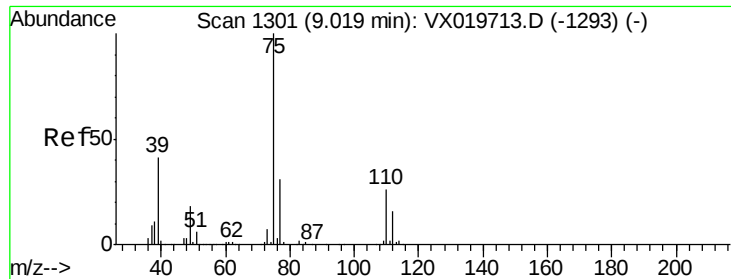
Tgt Ion: 92 Resp: 494167

Ion Ratio Lower Upper

92 100

91 169.3 137.1 205.7

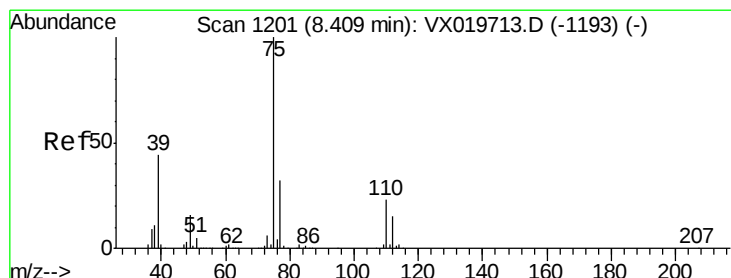
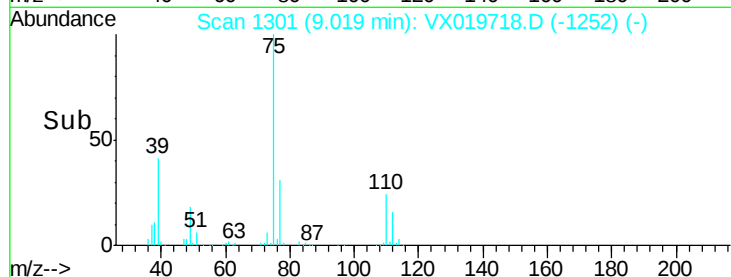
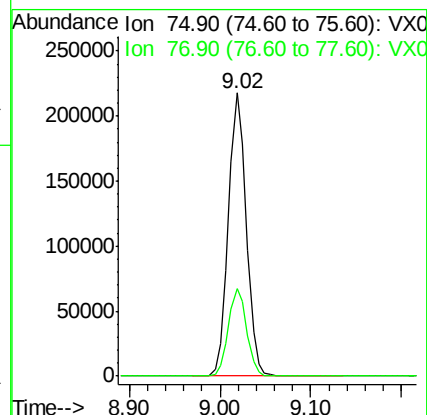
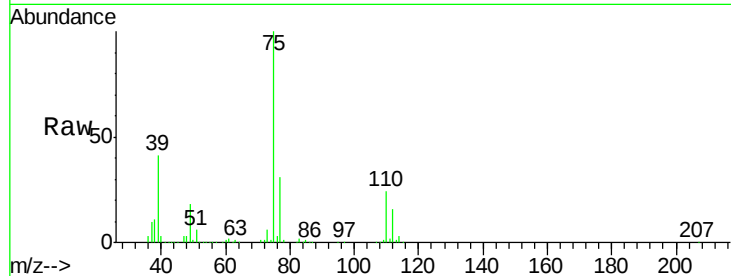




#53
t-1,3-Dichloropropene
Concen: 51.217 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

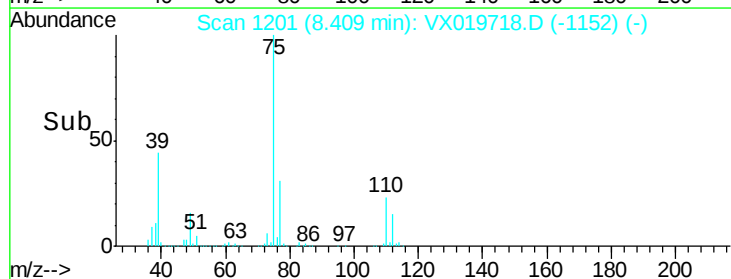
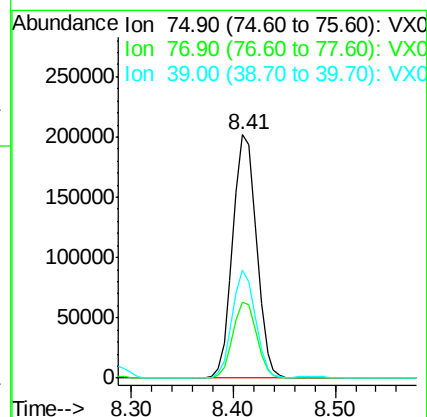
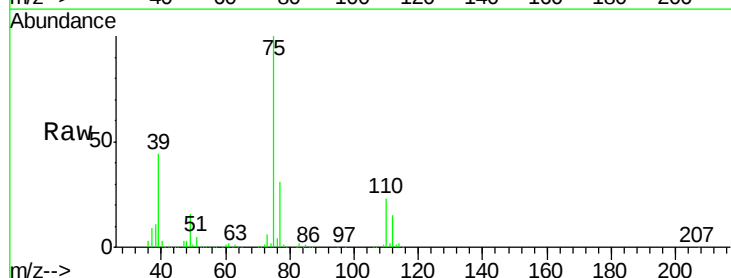
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

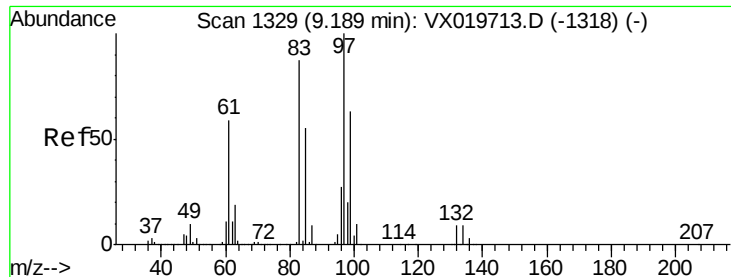
Tot Ion: 75 Resp: 300684
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 51.106 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 75 Resp: 325953
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
39 44.4 35.1 52.7

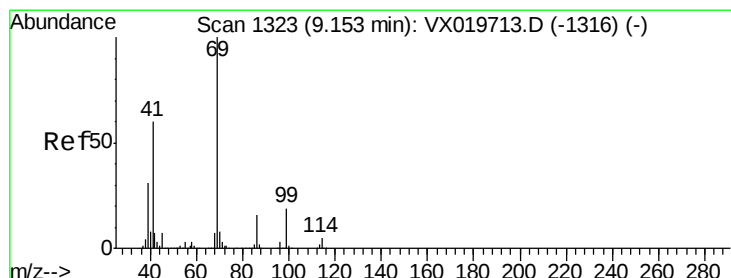
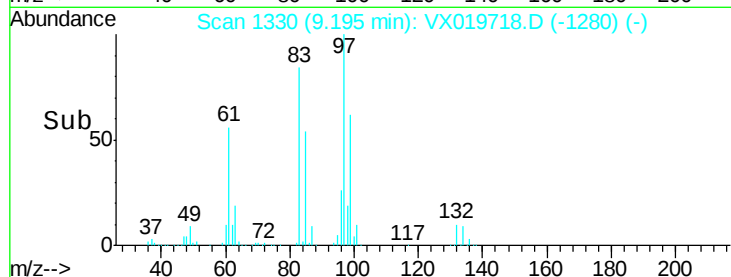
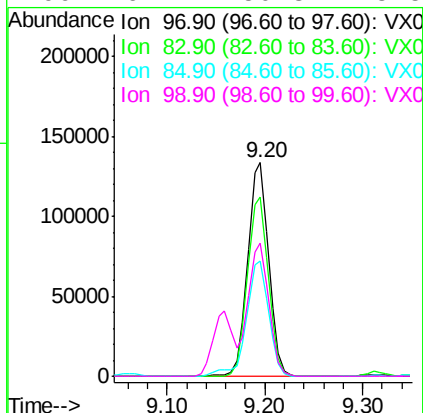
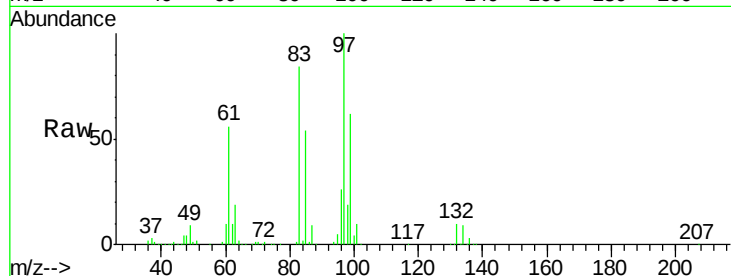




#55
 1,1,2-Trichloroethane
 Concen: 49.693 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

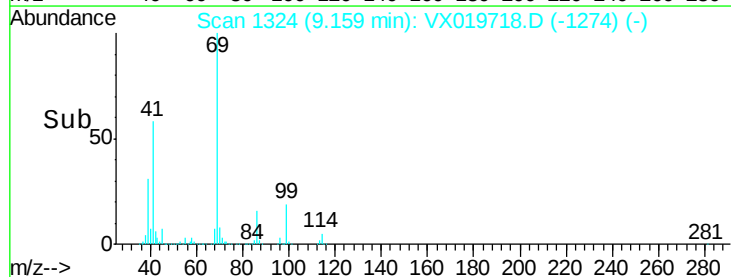
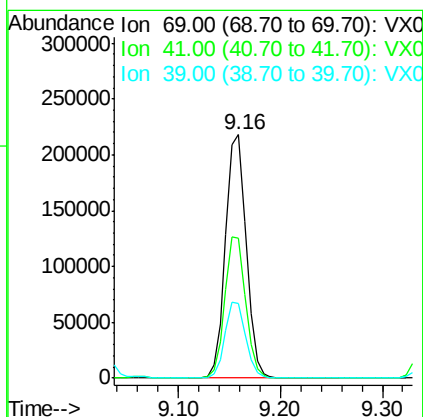
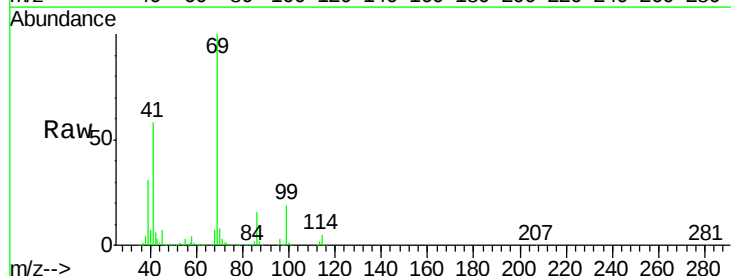
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

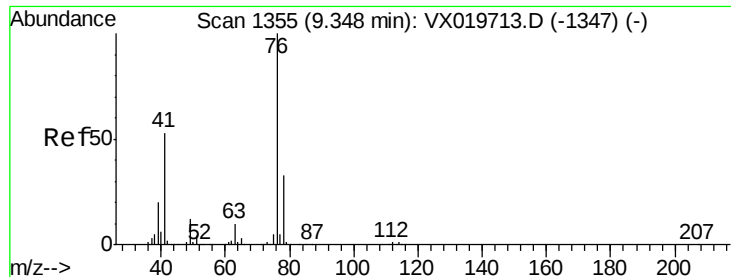
Tot Ion:	97	Resp:	197849
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.3	103.9
85	54.1	44.3	66.5
99	62.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 51.121 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion:	69	Resp:	307939
Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.8	70.2
39	31.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

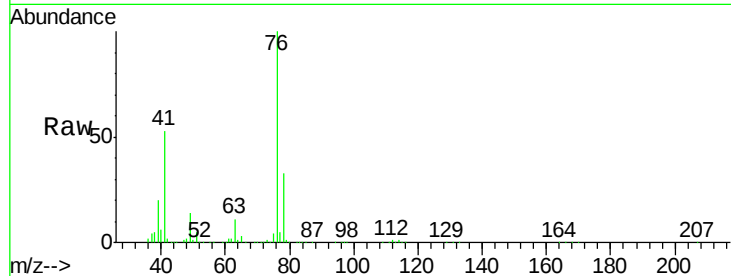
ICVVX120420

Tot Ion: 76 Resp: 331049

Ion Ratio Lower Upper

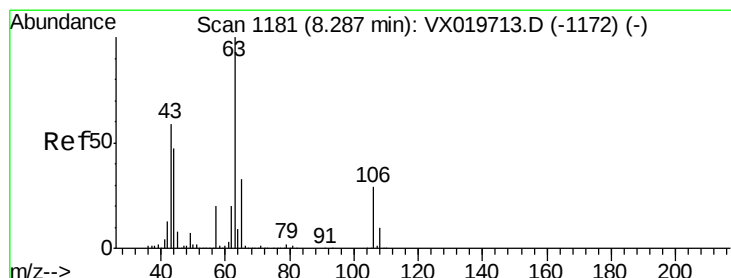
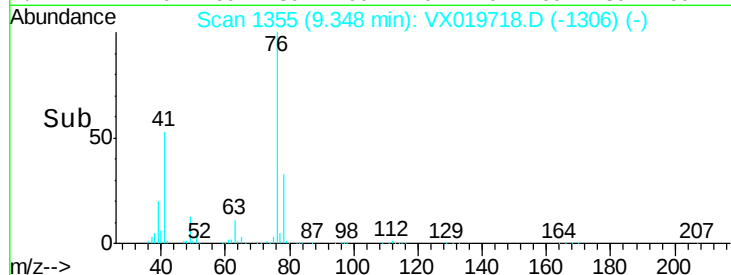
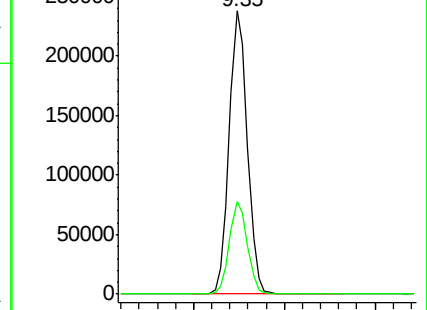
76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.971 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019718.D

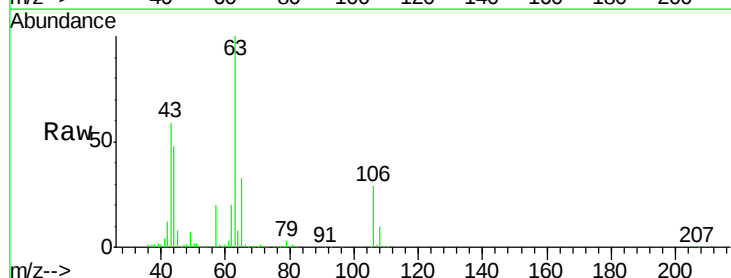
Acq: 04 Dec 2020 15:41

Tgt Ion: 63 Resp: 804071

Ion Ratio Lower Upper

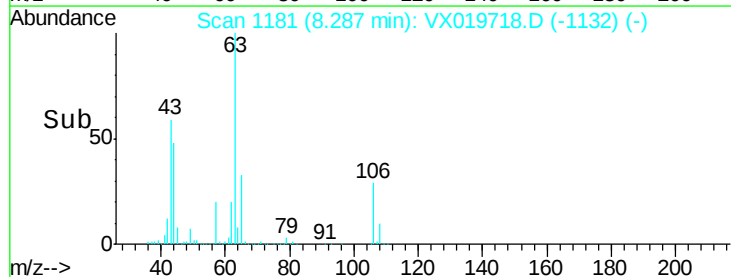
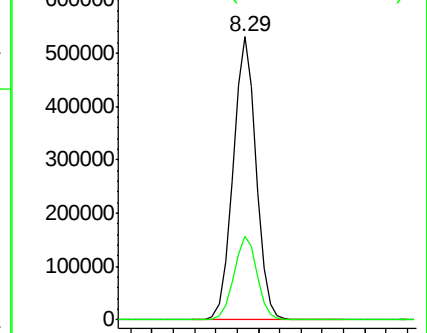
63 100

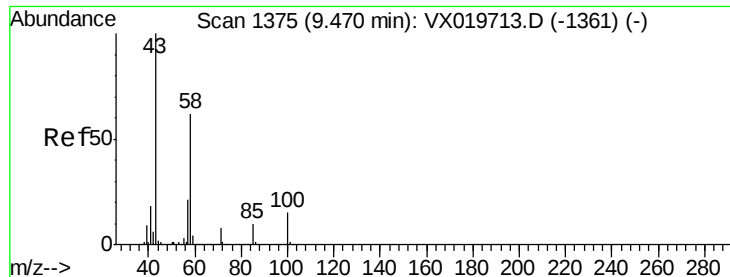
106 29.7 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

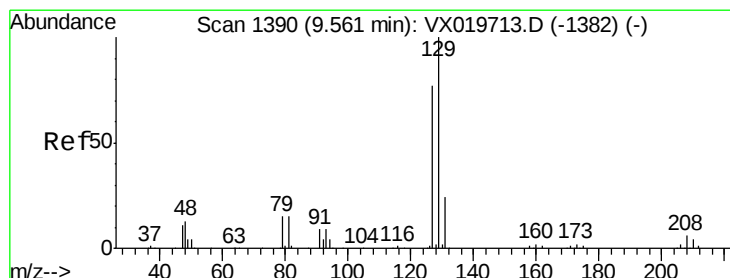
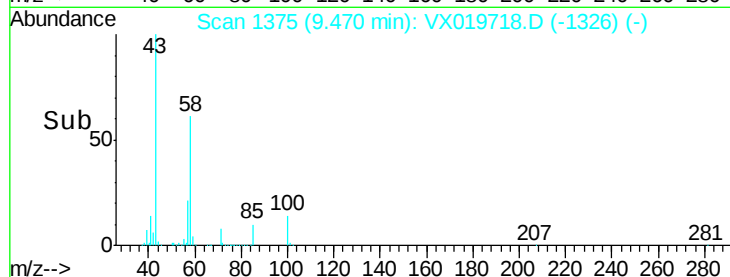
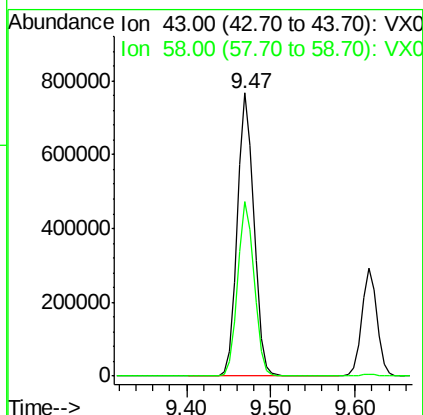
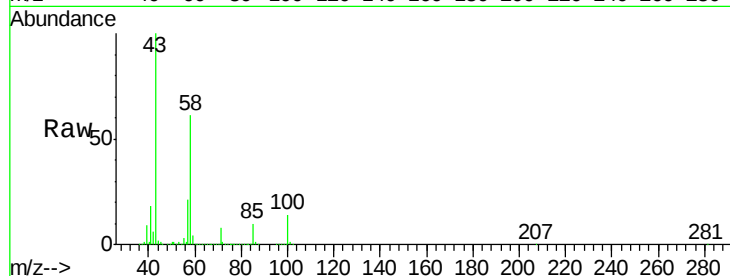




#59
2-Hexanone
Concen: 251.892 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

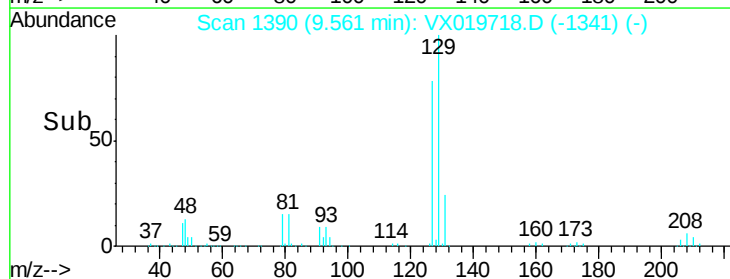
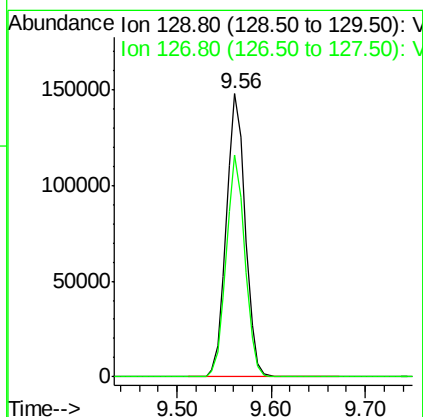
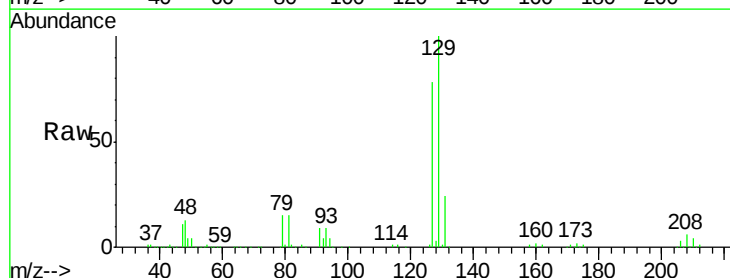
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

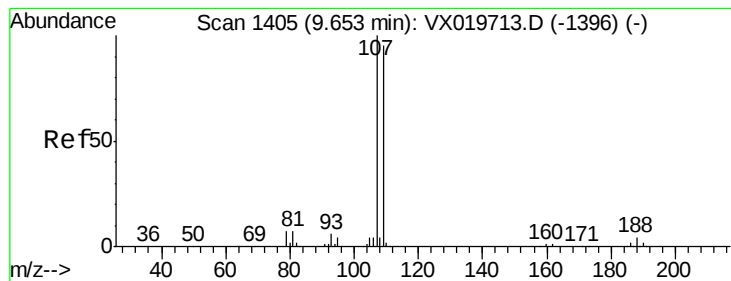
Tot Ion: 43 Resp: 1011894
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8



#60
Dibromochloromethane
Concen: 51.109 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 129 Resp: 206738
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.935 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

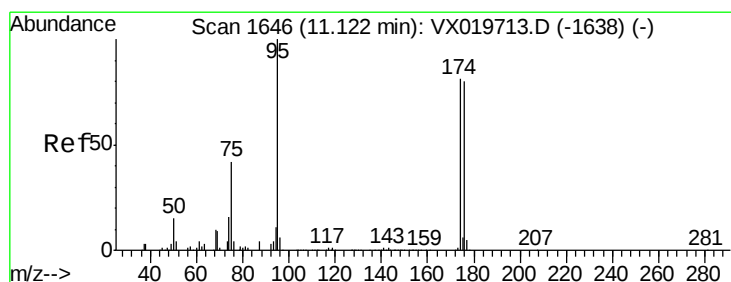
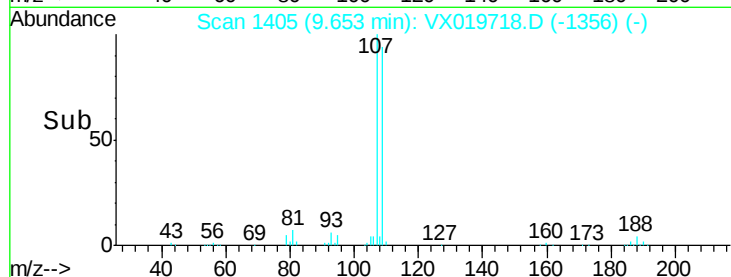
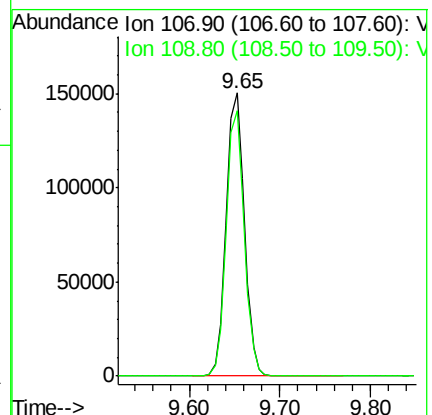
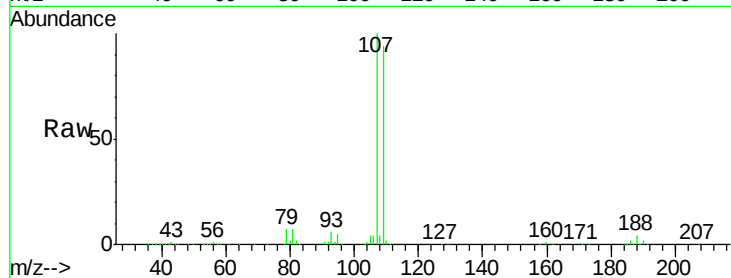
ICVX120420

Tot Ion: 107 Resp: 211114

Ion Ratio Lower Upper

107 100

109 92.8 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 50.161 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

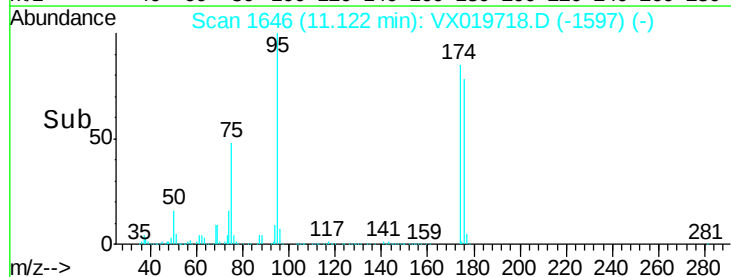
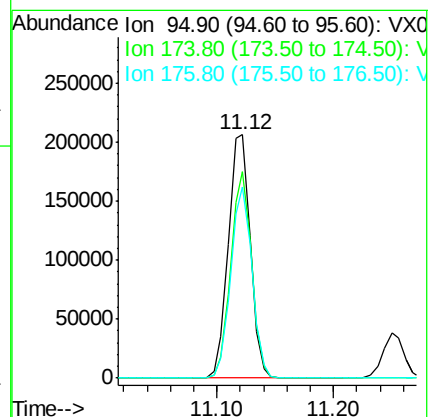
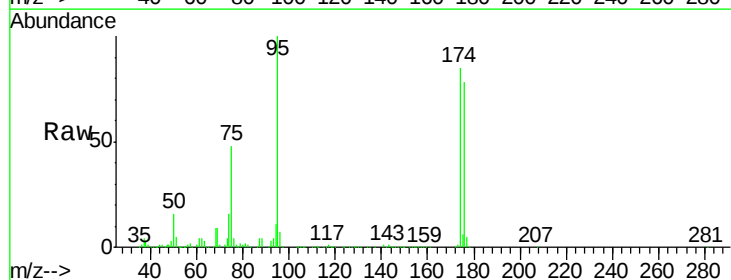
Tgt Ion: 95 Resp: 269573

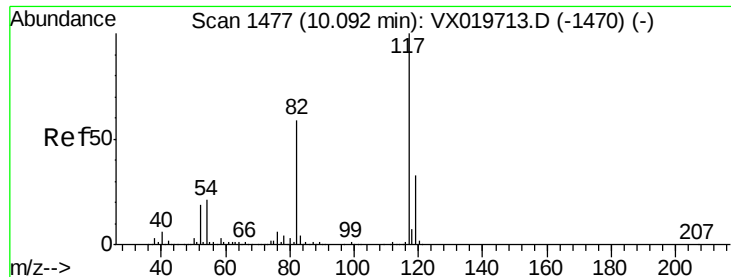
Ion Ratio Lower Upper

95 100

174 80.5 0.0 154.6

176 75.7 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

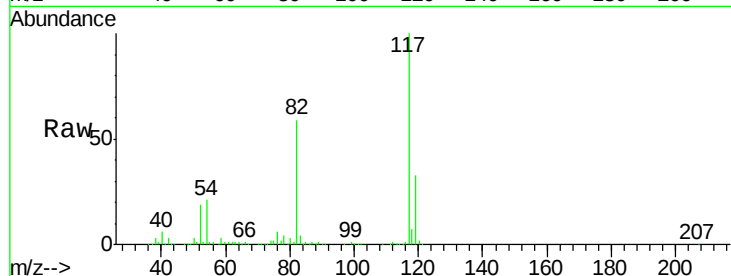
Tot Ion:117 Resp: 528725

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

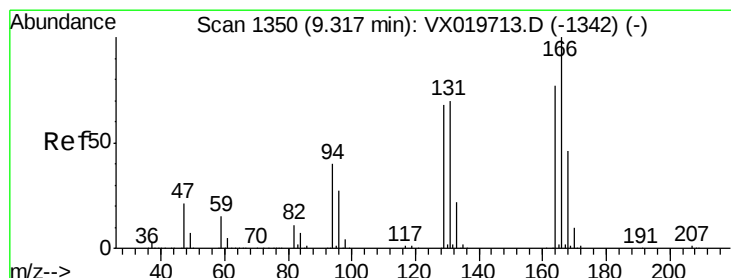
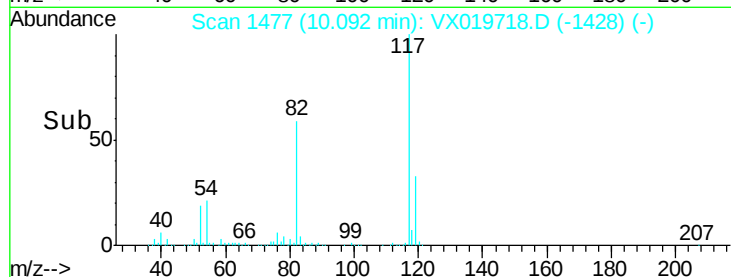
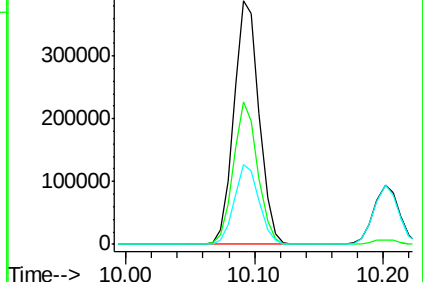
119 32.7 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.081 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:164 Resp: 174029

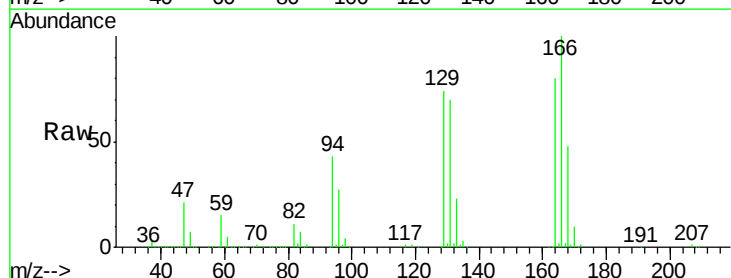
Ion Ratio Lower Upper

164 100

166 125.2 103.4 155.2

129 92.6 70.8 106.2

131 87.3 72.5 108.7

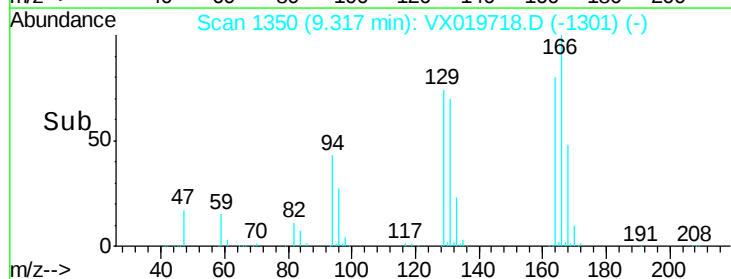
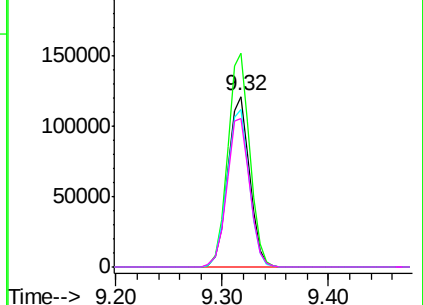


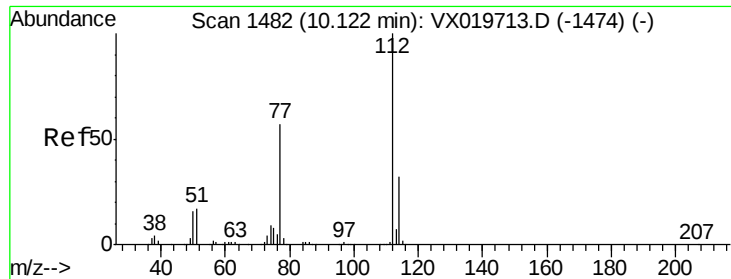
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

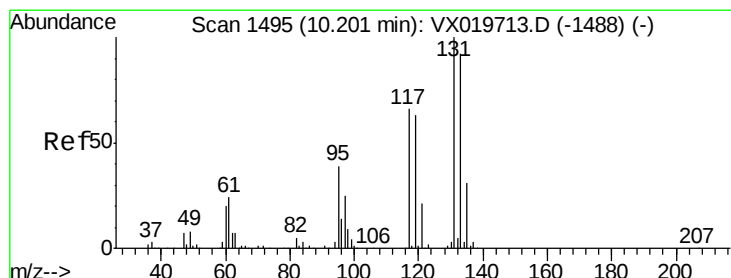
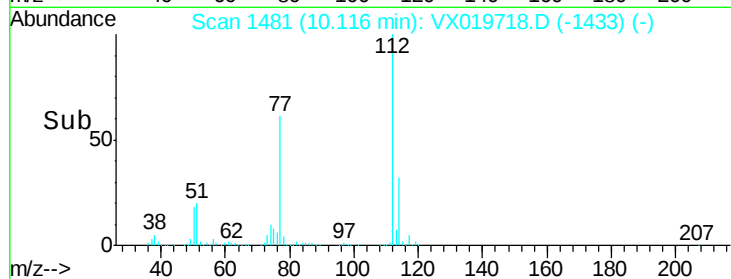
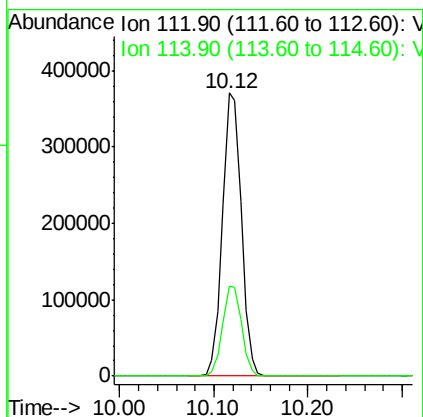
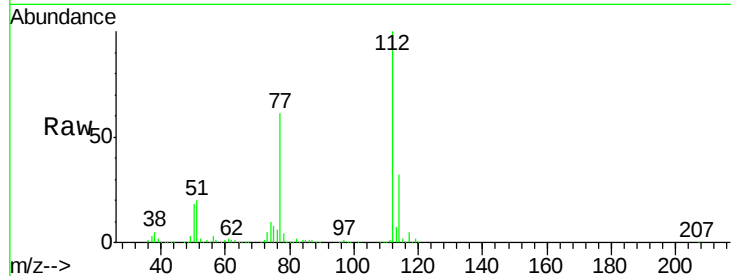




#65
Chlorobenzene
Concen: 49.028 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

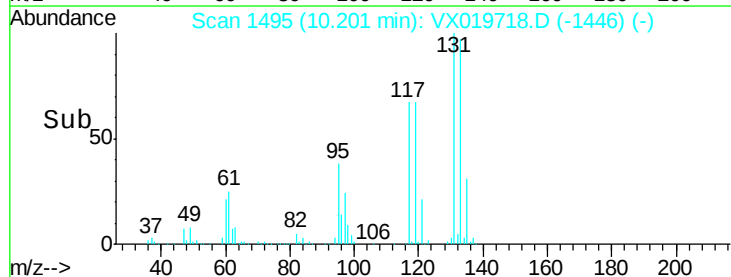
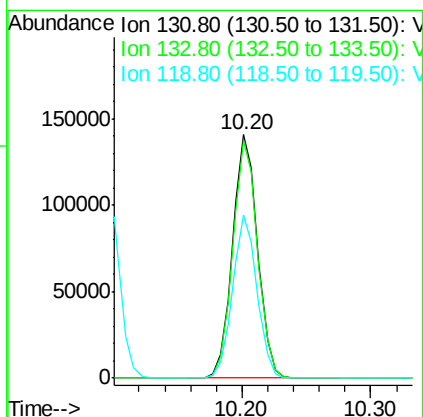
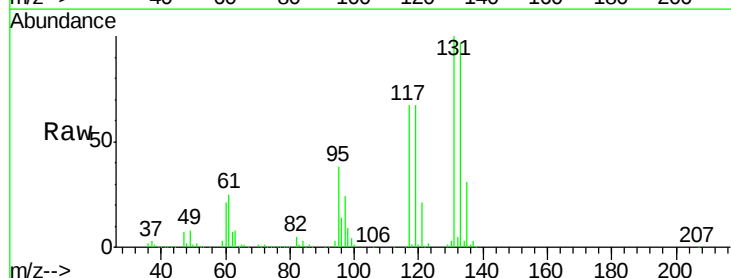
Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

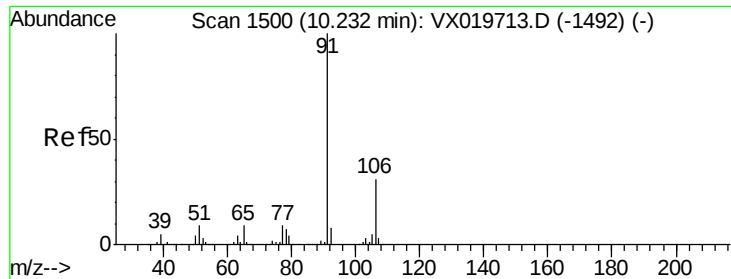
Tot Ion:112 Resp: 516448
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.070 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion:131 Resp: 189832
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 65.9 32.1 96.5





#67

Ethyl Benzene

Concen: 50.834 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

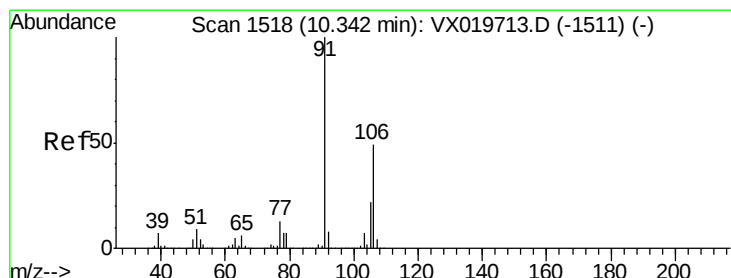
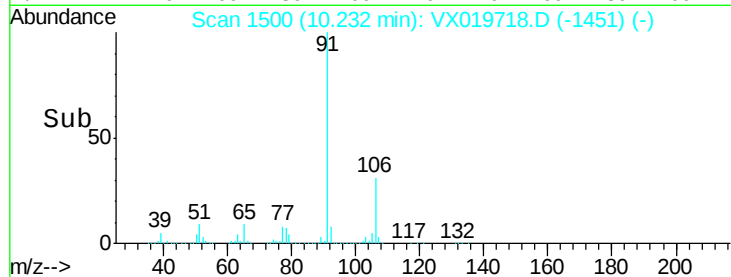
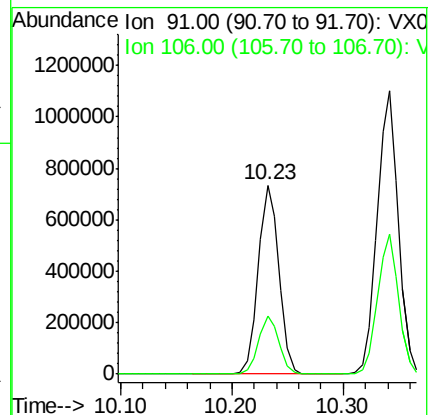
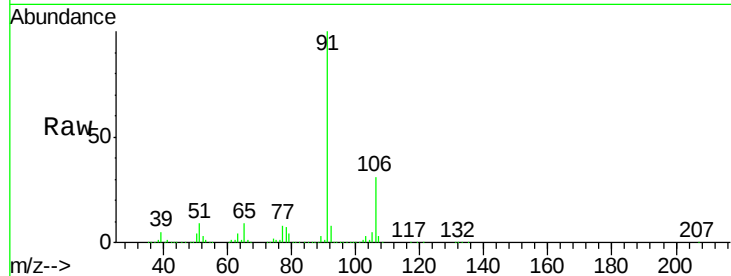
ICVX120420

Tot Ion: 91 Resp: 950487

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 101.806 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019718.D

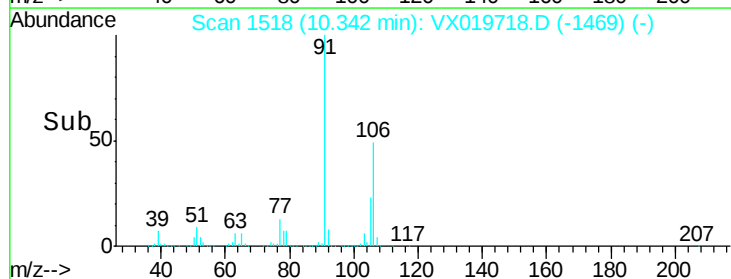
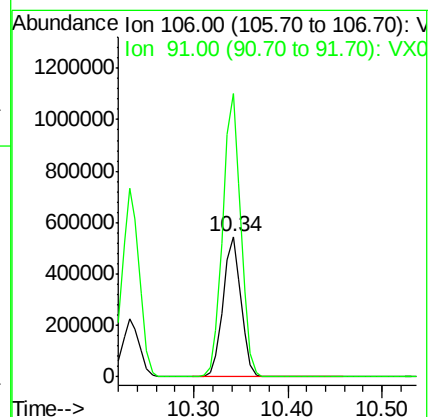
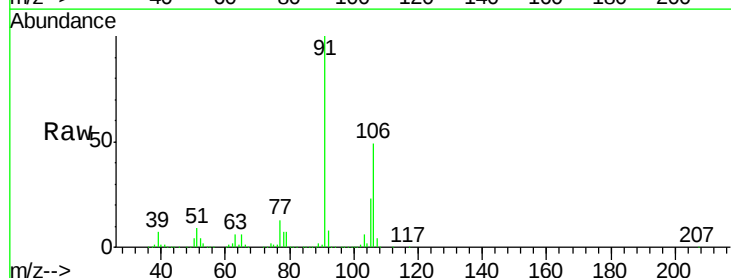
Acq: 04 Dec 2020 15:41

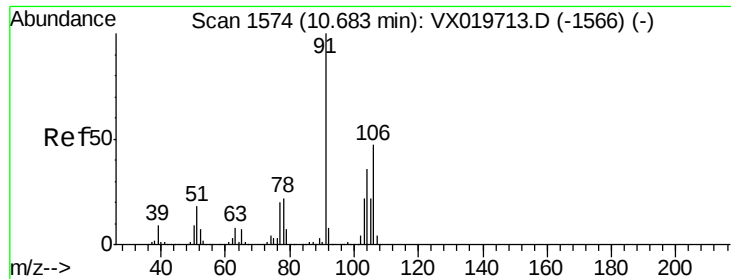
Tgt Ion: 106 Resp: 717282

Ion Ratio Lower Upper

106 100

91 203.0 162.8 244.2

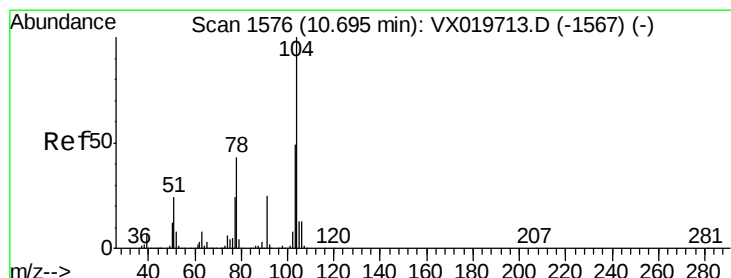
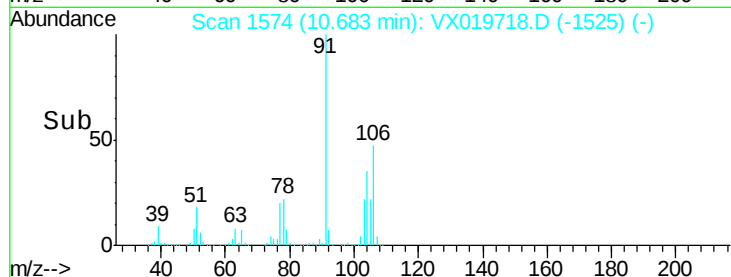
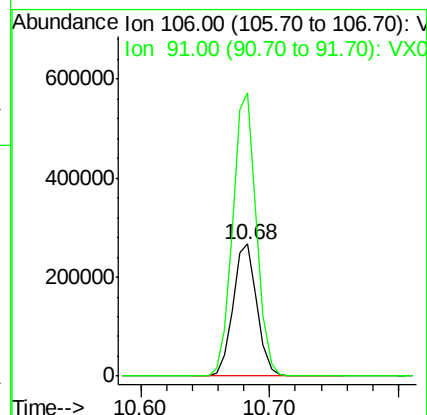
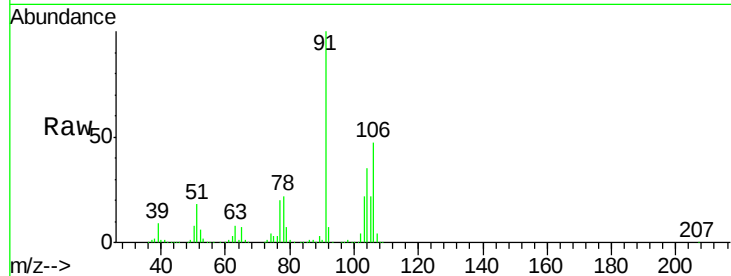




#69
o-Xylene
Concen: 50.952 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

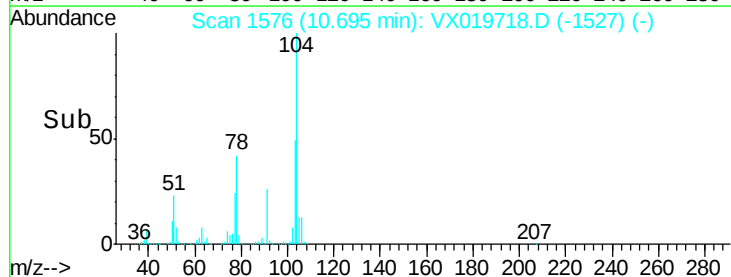
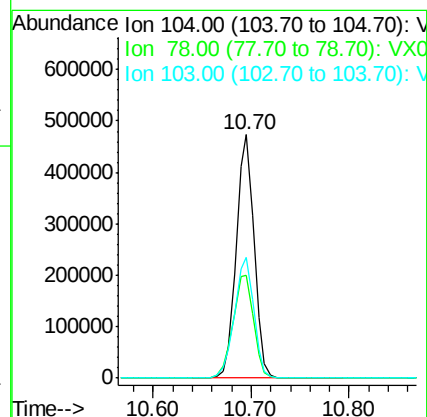
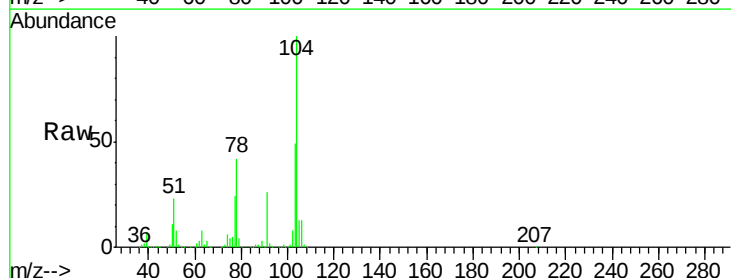
Instrument :
MSVOA_X
ClientSampleId :
ICVX120420

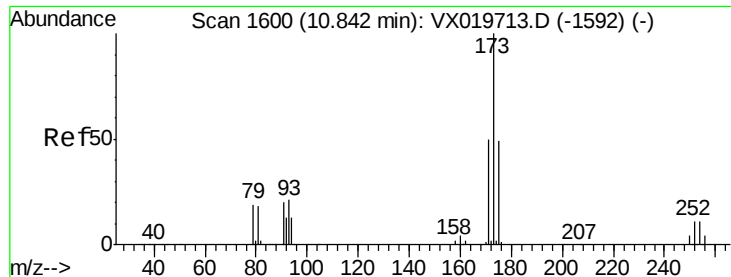
Tot Ion:106 Resp: 345325
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.2



#70
Styrene
Concen: 52.294 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion:104 Resp: 598222
Ion Ratio Lower Upper
104 100
78 49.1 40.0 60.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 53.100 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

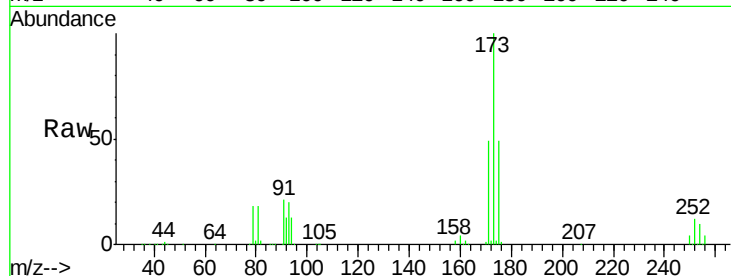
Tot Ion:173 Resp: 158374

Ion Ratio Lower Upper

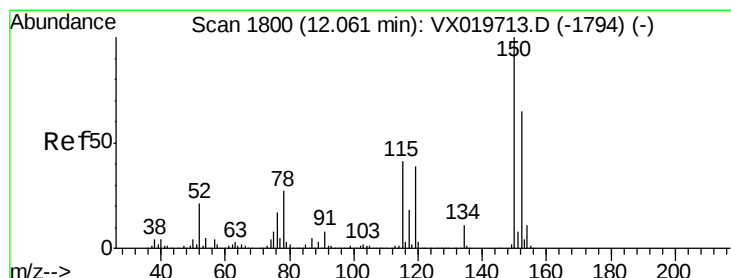
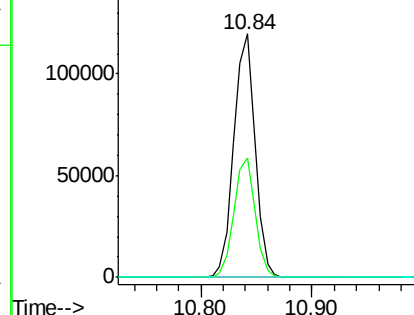
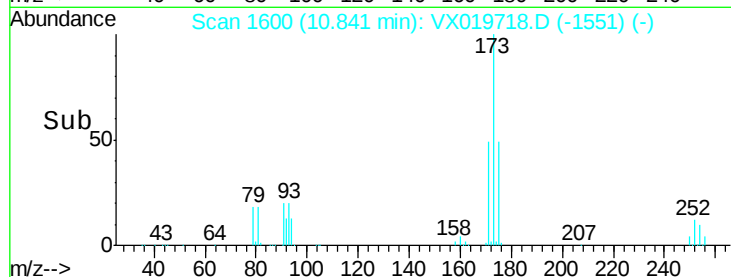
173 100

175 48.7 23.9 71.8

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

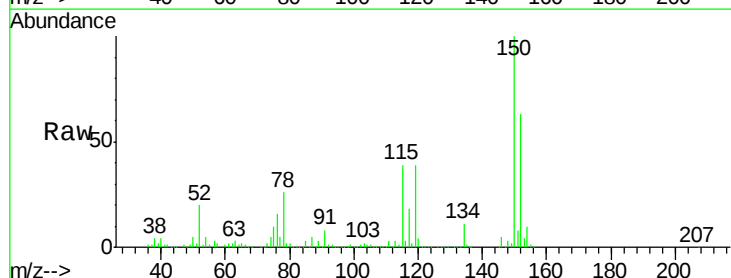
Tgt Ion:152 Resp: 271639

Ion Ratio Lower Upper

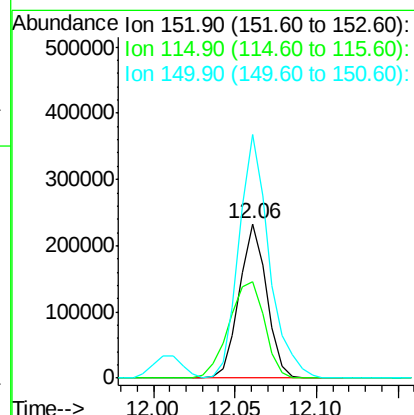
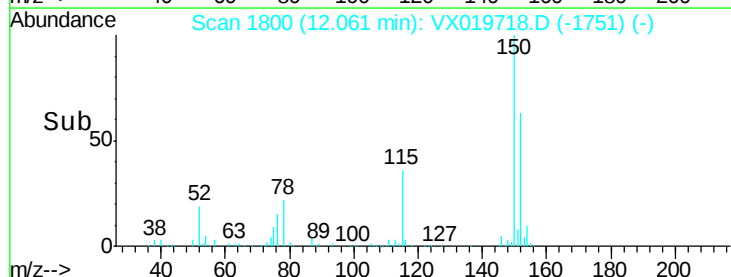
152 100

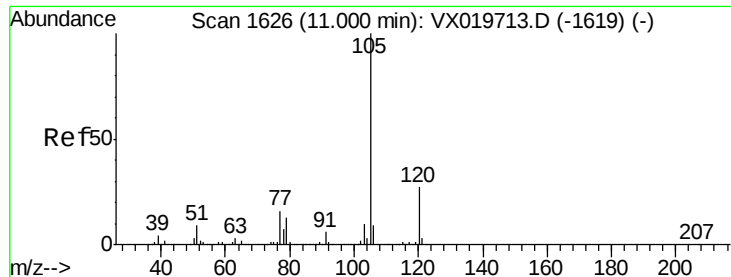
115 81.4 41.1 123.3

150 174.6 0.0 349.0



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: 49.763 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

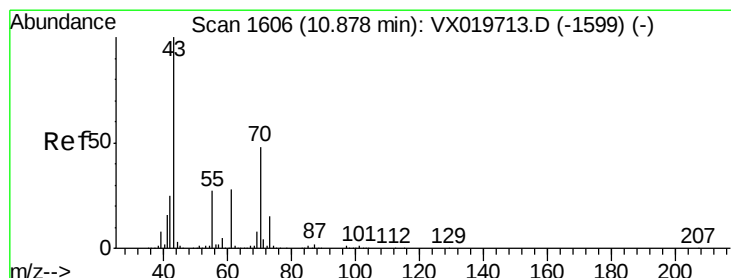
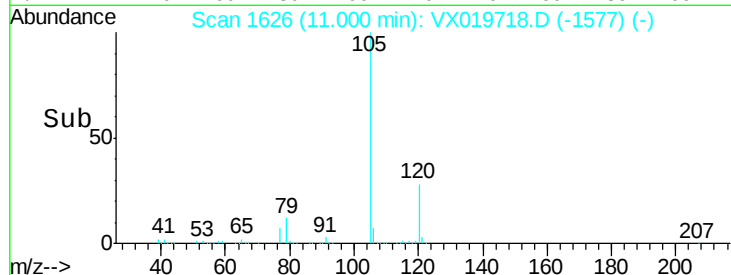
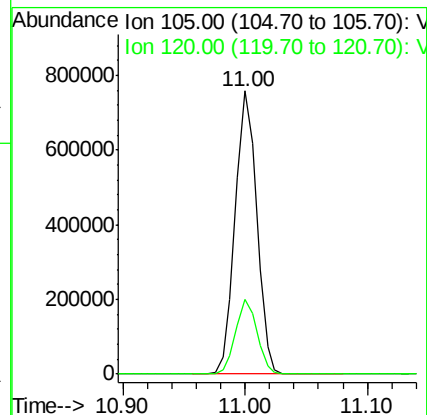
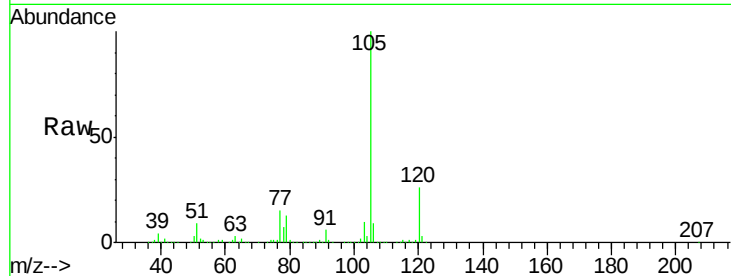
ICVVX120420

Tot Ion:105 Resp: 923522

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 50.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion: 43 Resp: 374105

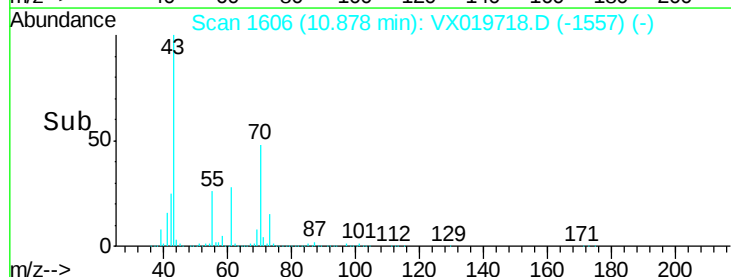
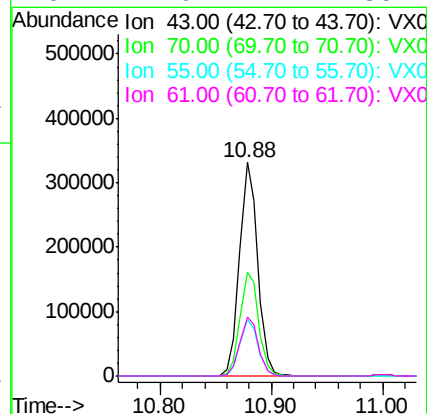
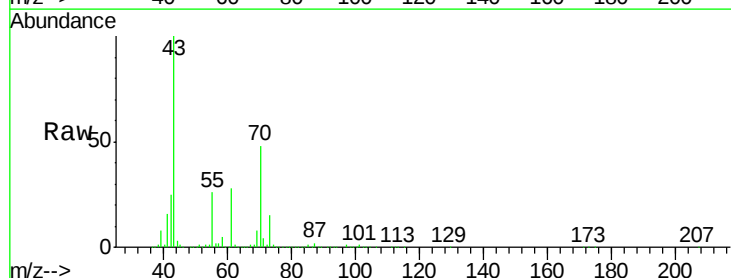
Ion Ratio Lower Upper

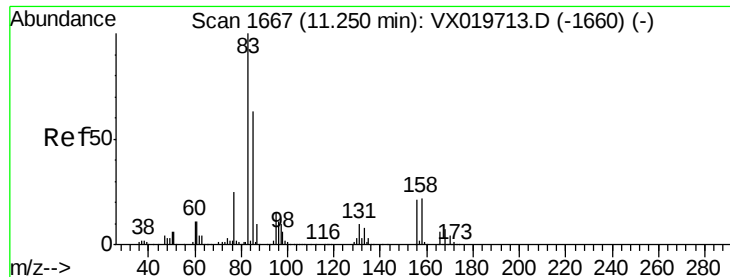
43 100

70 49.7 39.0 58.6

55 26.7 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.855 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

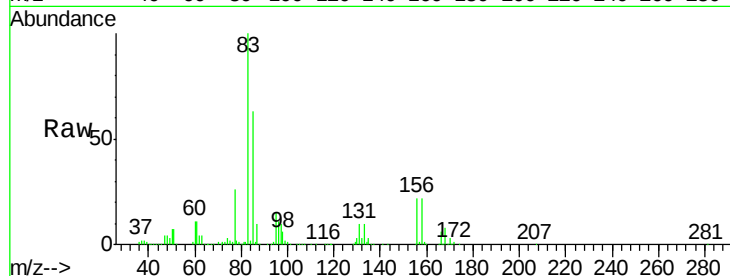
Tot Ion: 83 Resp: 313112

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

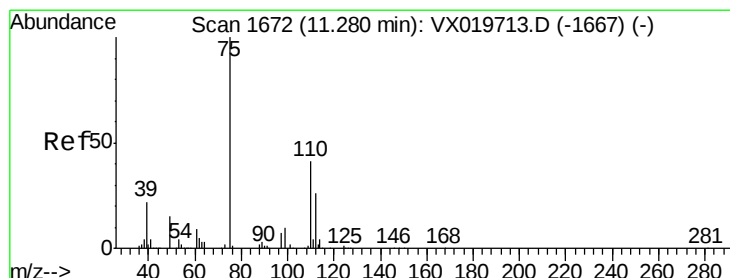
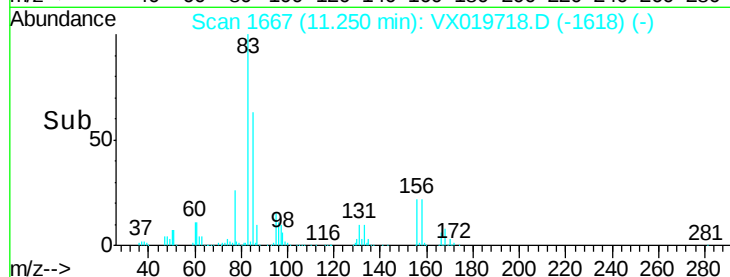
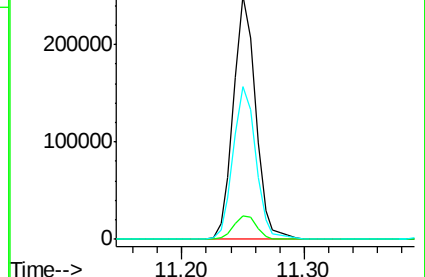
85 64.5 31.8 95.4



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: 61.120 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019718.D

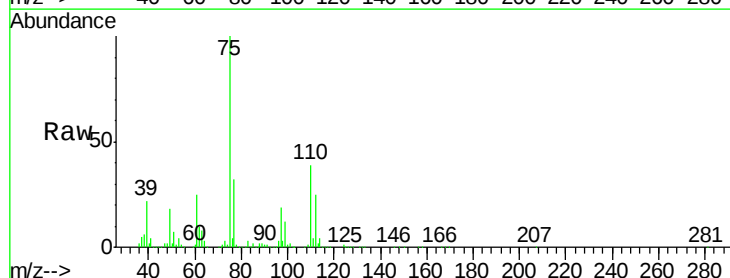
Acq: 04 Dec 2020 15:41

Tgt Ion: 75 Resp: 372367

Ion Ratio Lower Upper

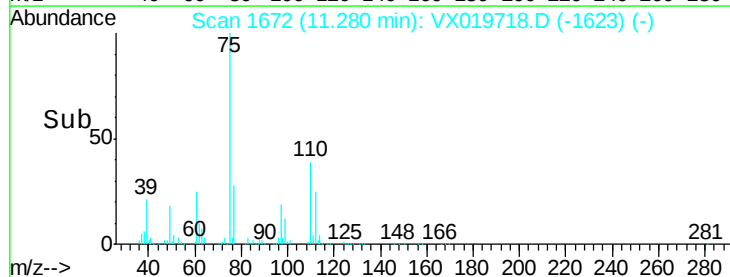
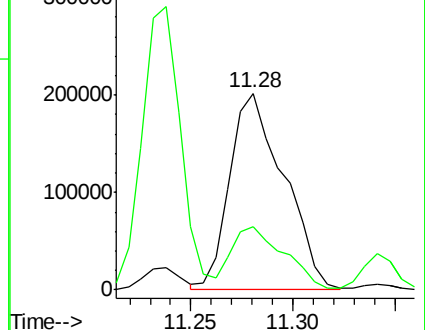
75 100

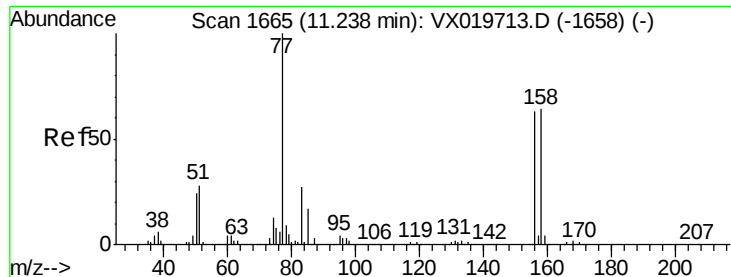
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.267 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

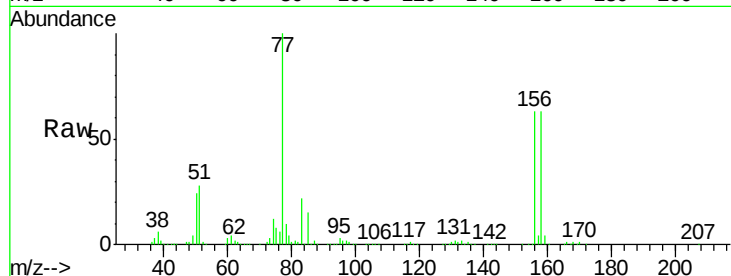
Tot Ion:156 Resp: 229233

Ion Ratio Lower Upper

156 100

77 166.6 82.8 248.6

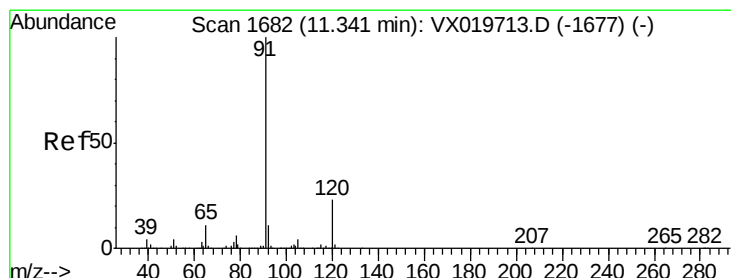
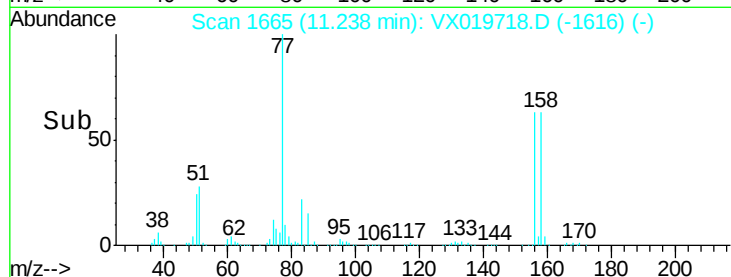
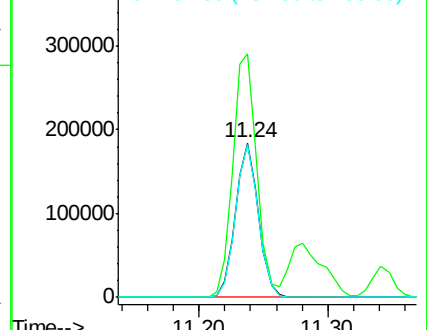
158 98.8 49.1 147.4



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: 50.462 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019718.D

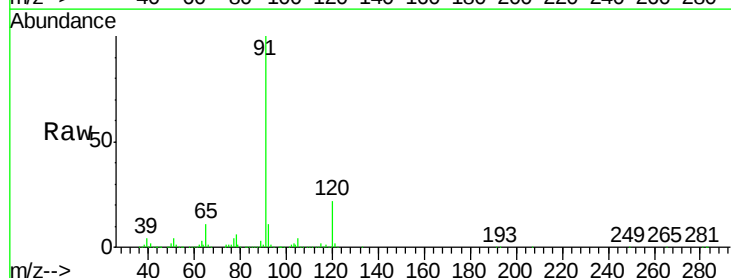
Acq: 04 Dec 2020 15:41

Tgt Ion: 91 Resp: 1069601

Ion Ratio Lower Upper

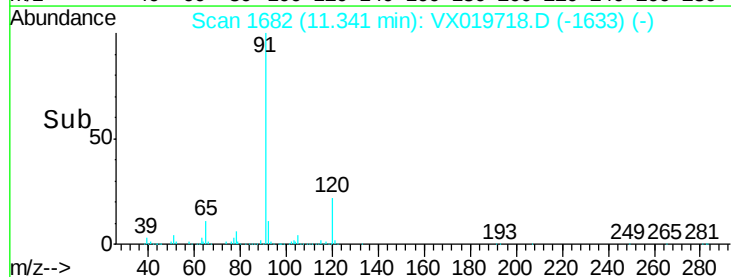
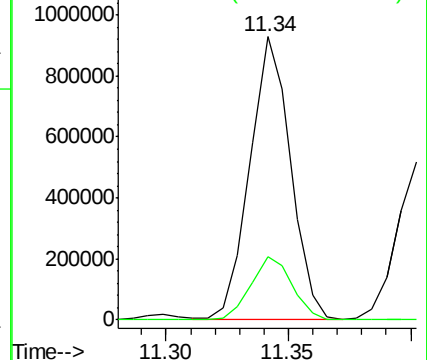
91 100

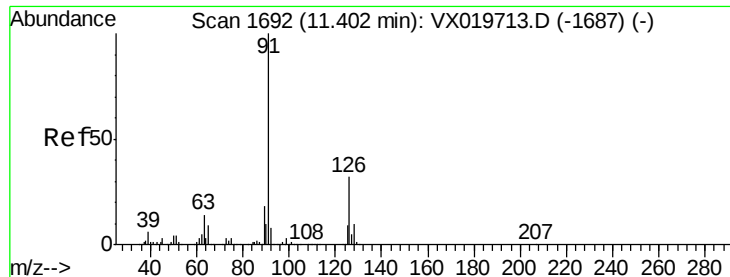
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

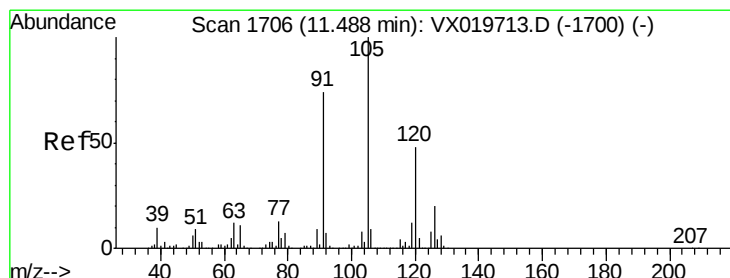
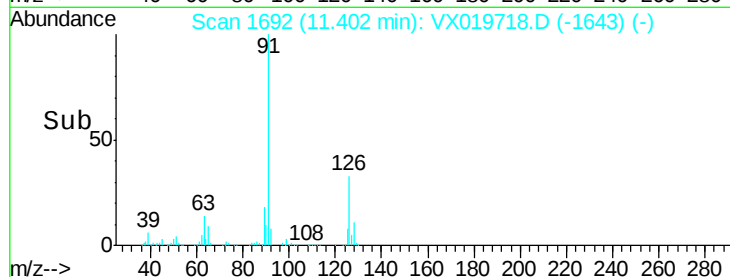
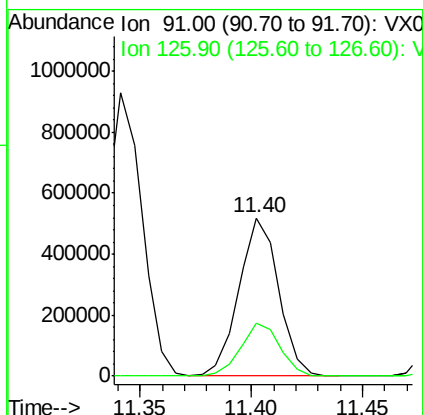
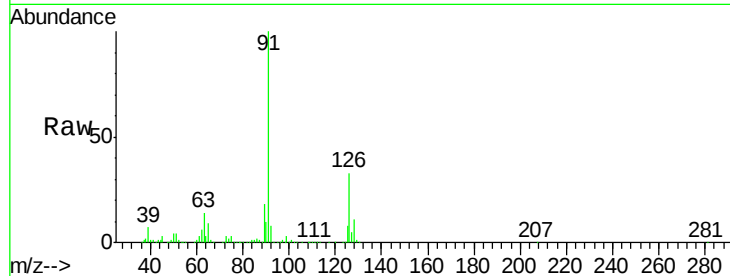




#79
 2-Chlorotoluene
 Concen: 49.121 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

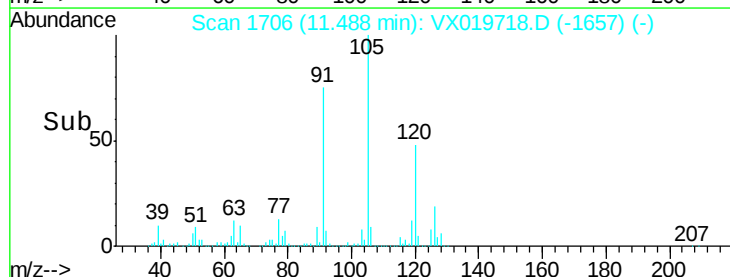
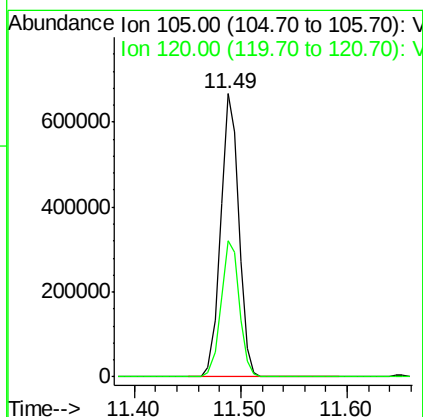
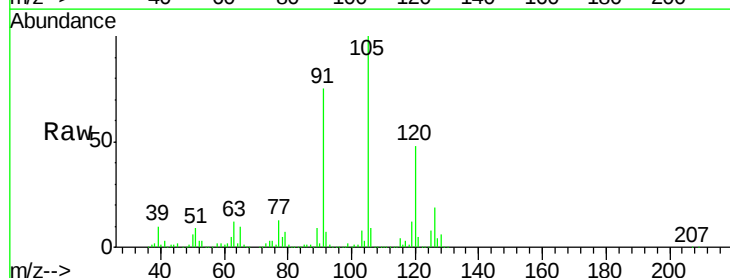
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

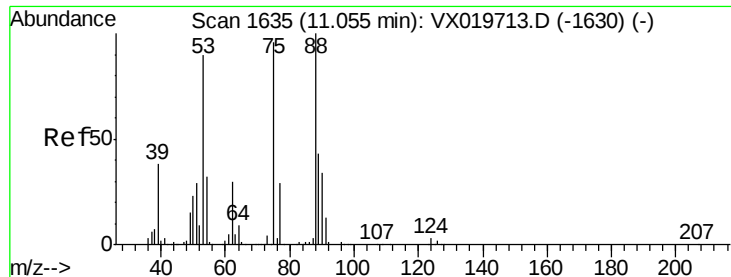
Tot Ion: 91 Resp: 641180
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.537 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion: 105 Resp: 791540
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.117 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

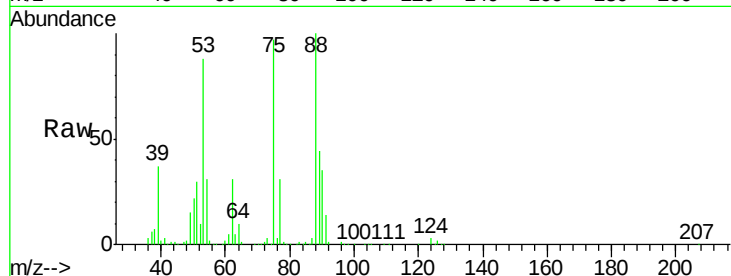
Tot Ion: 75 Resp: 109837

Ion Ratio Lower Upper

75 100

53 92.2 74.5 111.7

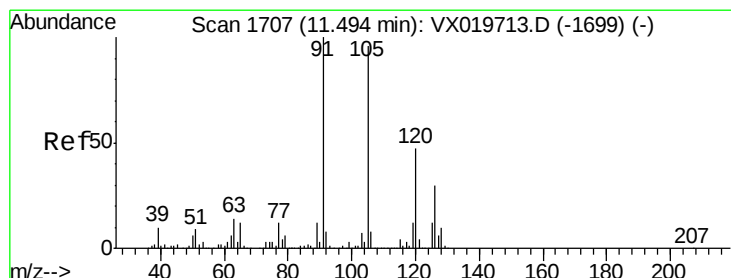
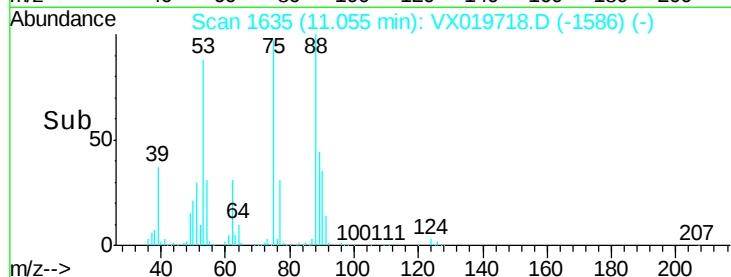
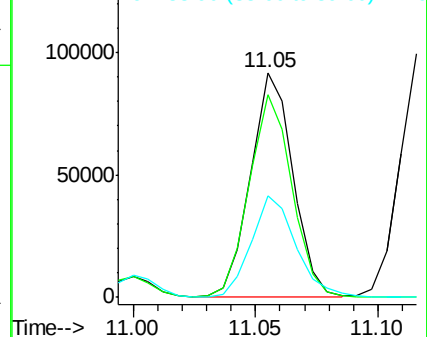
89 48.4 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.818 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019718.D

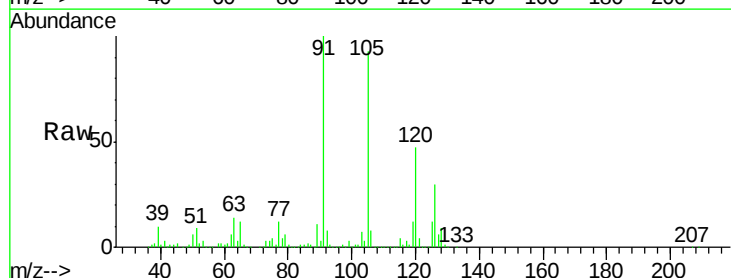
Acq: 04 Dec 2020 15:41

Tgt Ion: 91 Resp: 761595

Ion Ratio Lower Upper

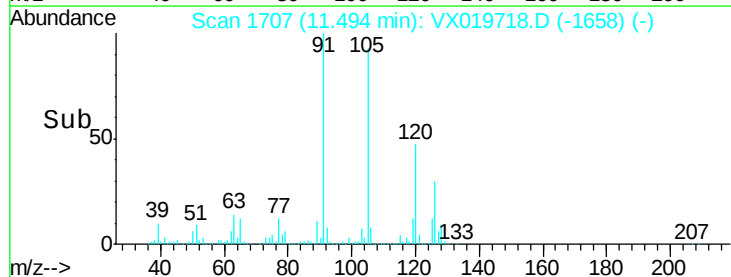
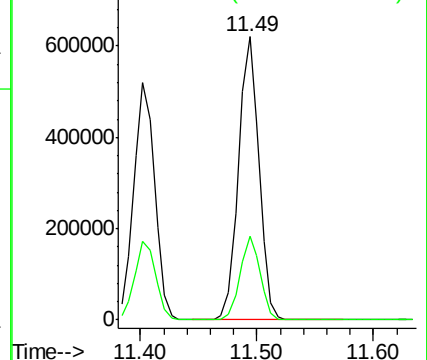
91 100

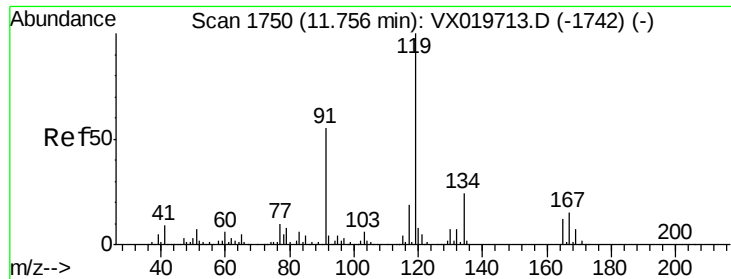
126 29.1 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

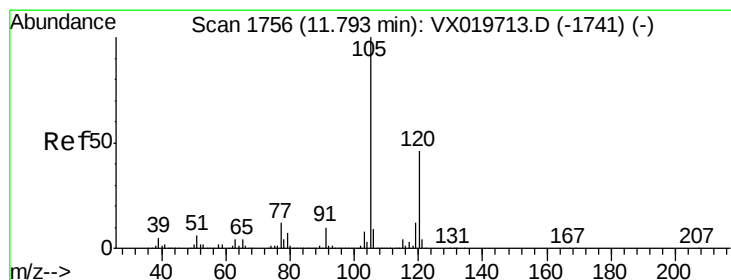
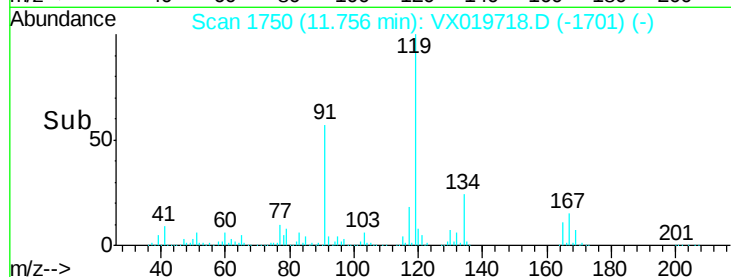
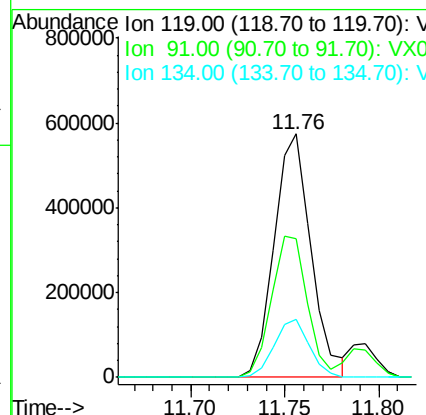
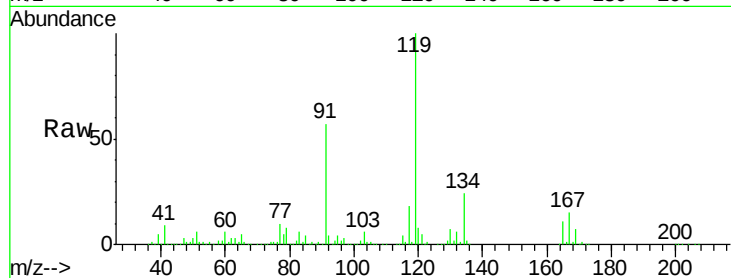




#83
 tert-Butylbenzene
 Concen: 50.622 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

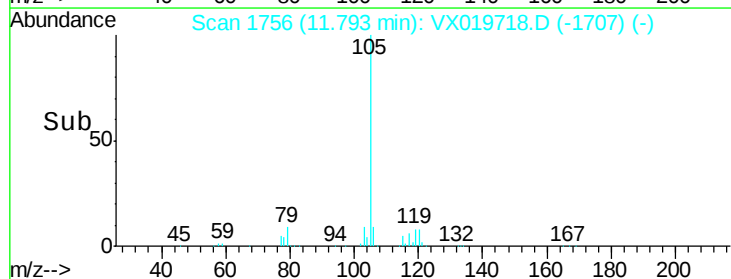
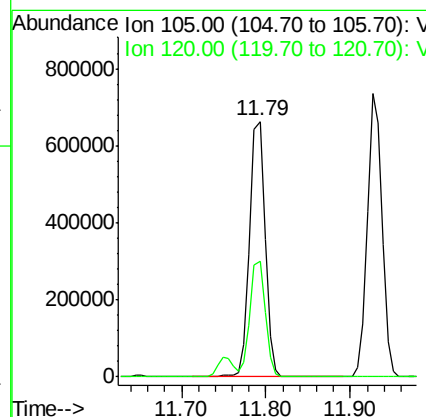
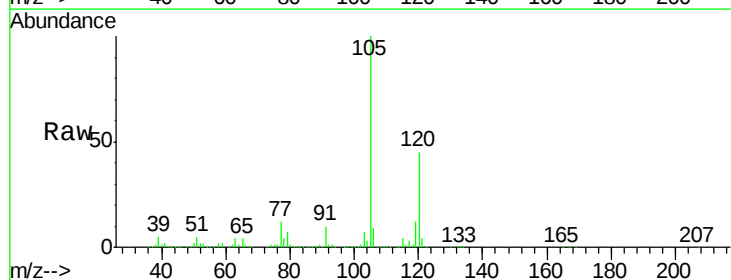
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

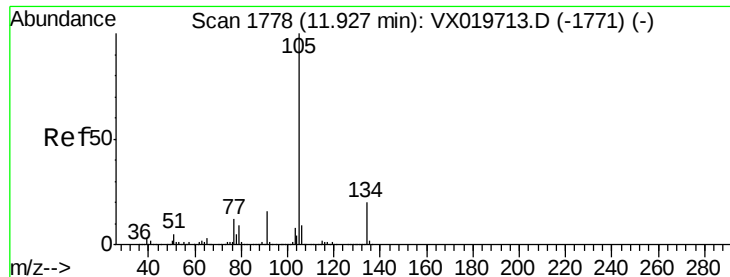
Tot Ion:119 Resp: 777616
 Ion Ratio Lower Upper
 119 100
 91 56.4 27.9 83.7
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.426 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion:105 Resp: 811363
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

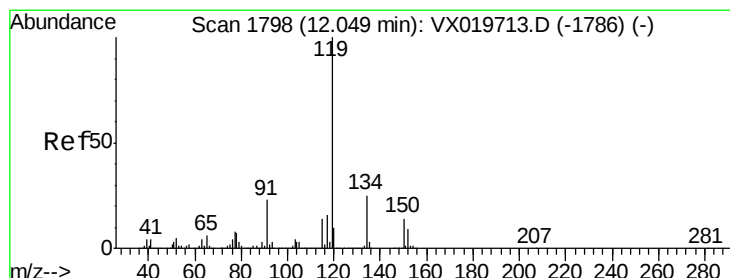
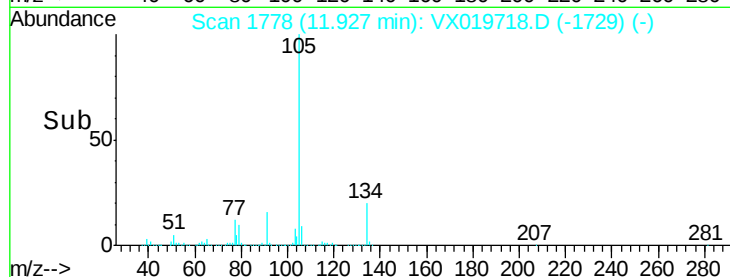
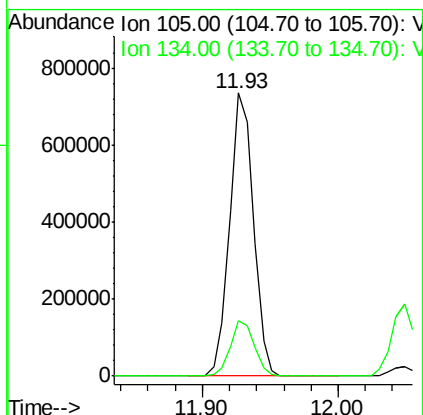
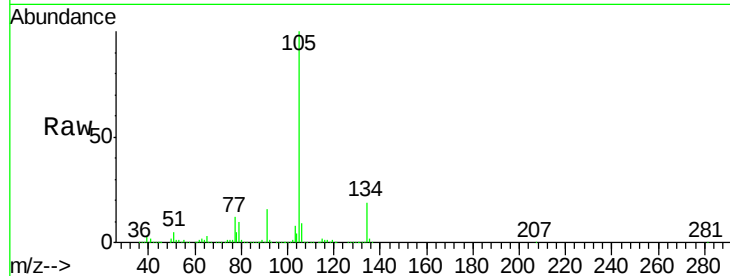




#85
 sec-Butylbenzene
 Concen: 50.890 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

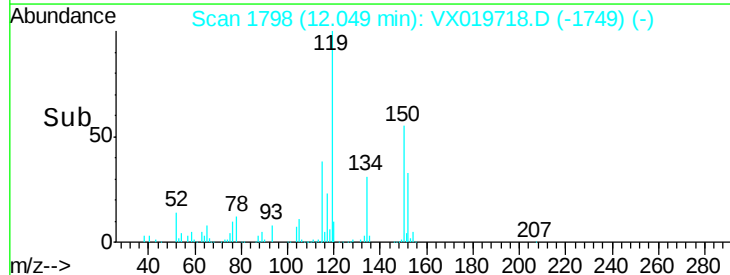
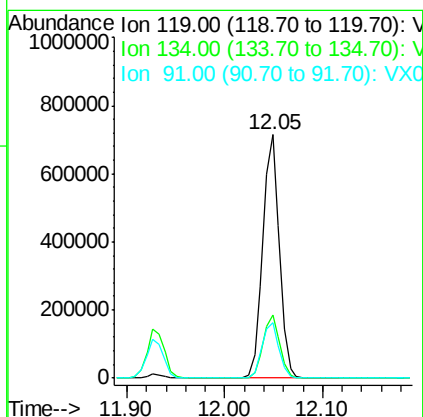
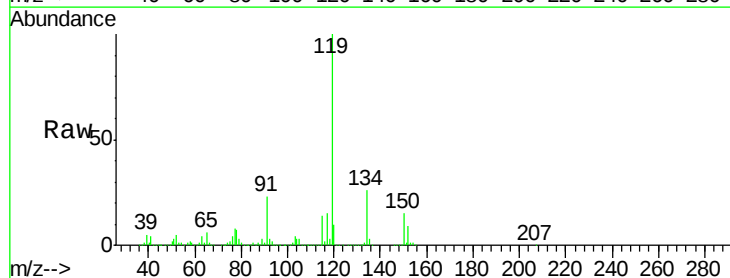
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

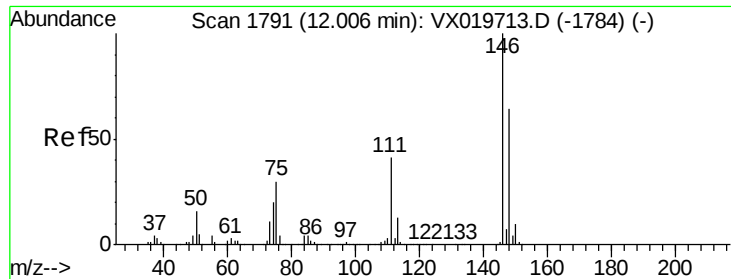
Tot Ion:105 Resp: 892512
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.081 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion:119 Resp: 837117
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.949 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

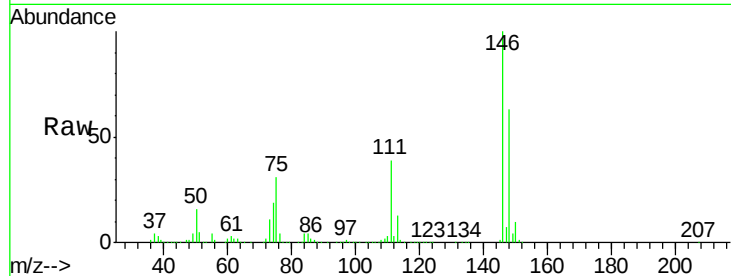
Tot Ion:146 Resp: 426676

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

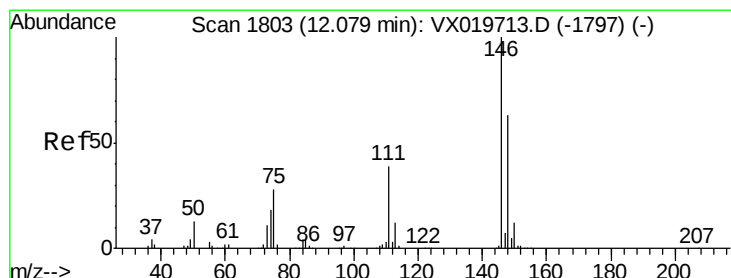
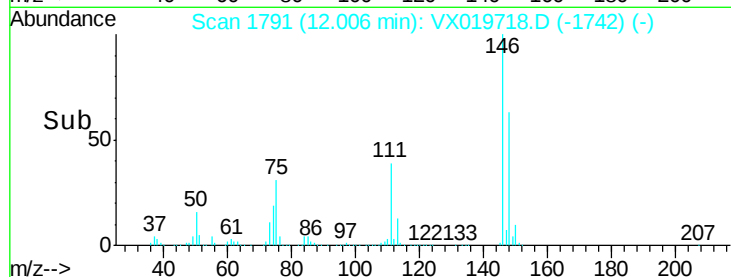
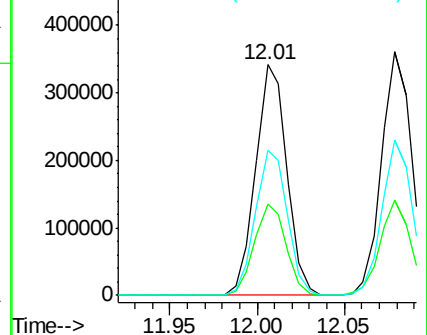
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.012 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

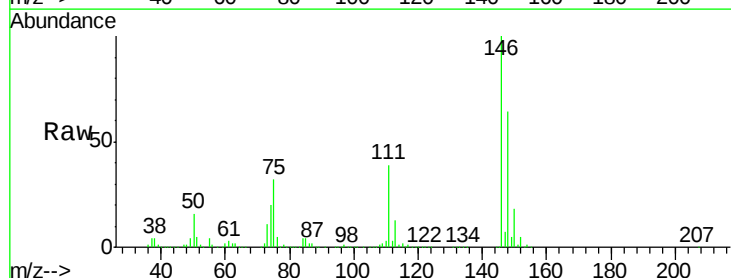
Tgt Ion:146 Resp: 435138

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

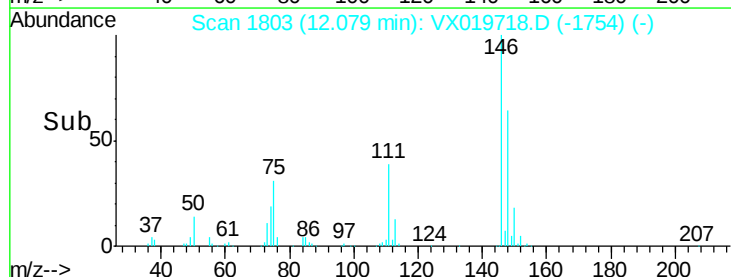
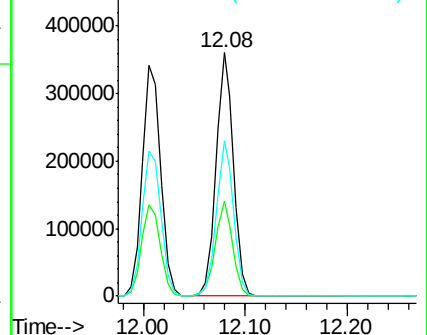
148 63.2 31.6 95.0

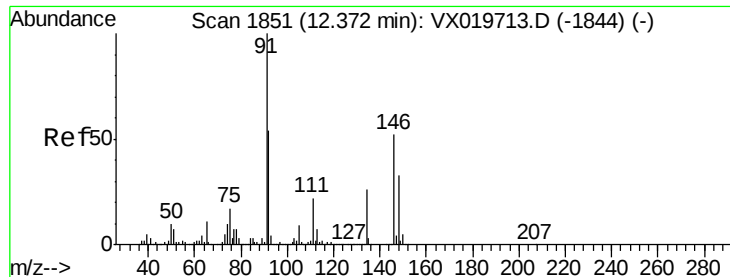


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

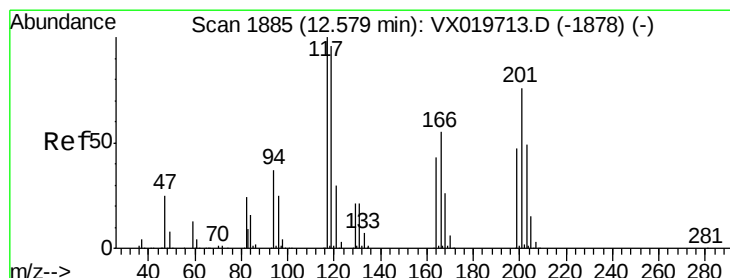
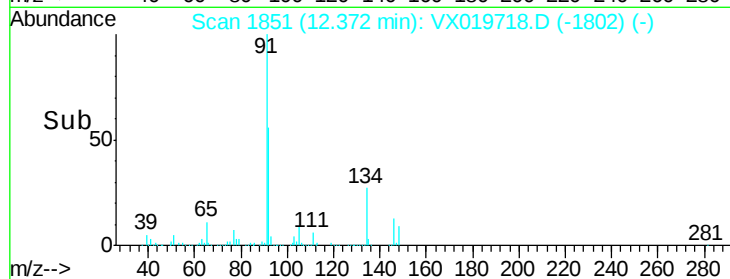
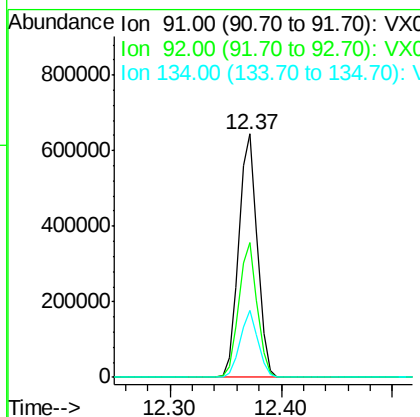
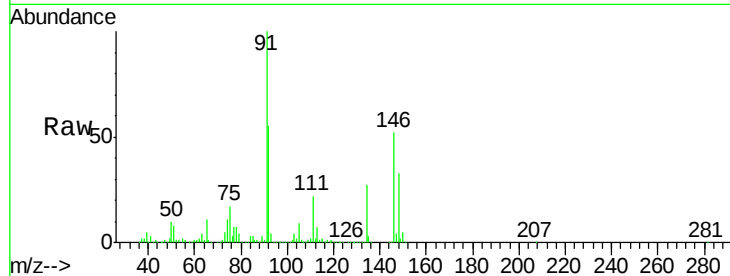




#89
n-Butylbenzene
Concen: 52.179 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

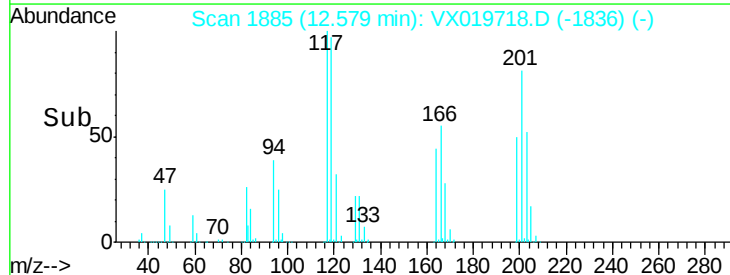
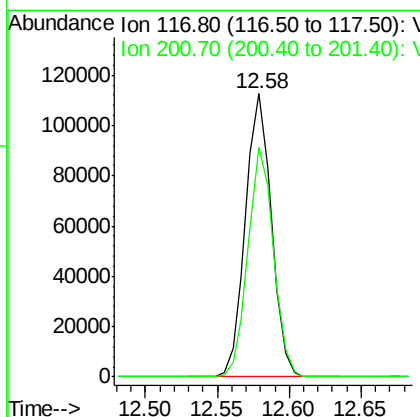
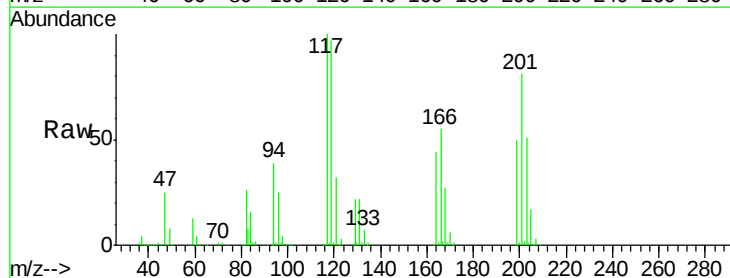
Instrument :
MSVOA_X
ClientSampleId :
ICVX120420

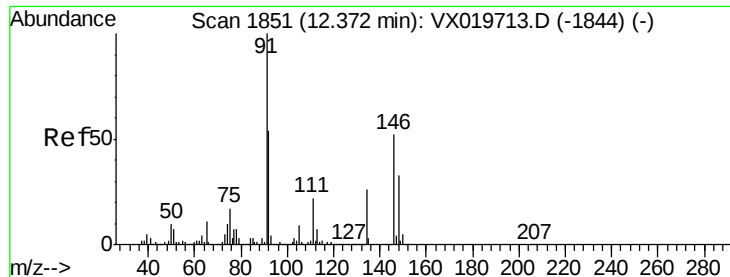
Tot Ion: 91 Resp: 743047
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 26.2 13.2 39.5



#90
Hexachloroethane
Concen: 50.629 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 117 Resp: 140494
Ion Ratio Lower Upper
117 100
201 79.4 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 49.582 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

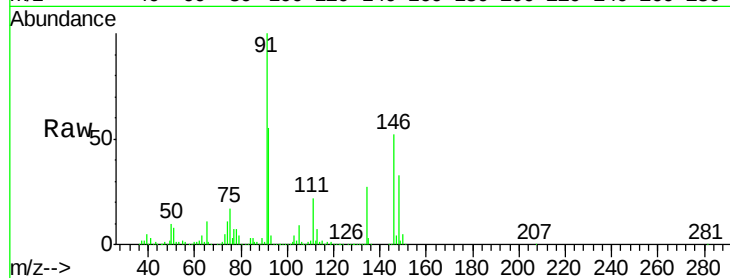
Tot Ion:146 Resp: 421307

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.2

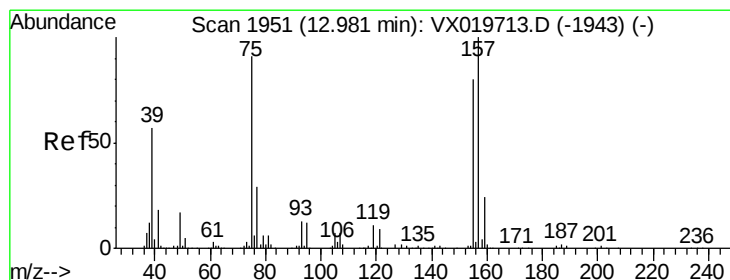
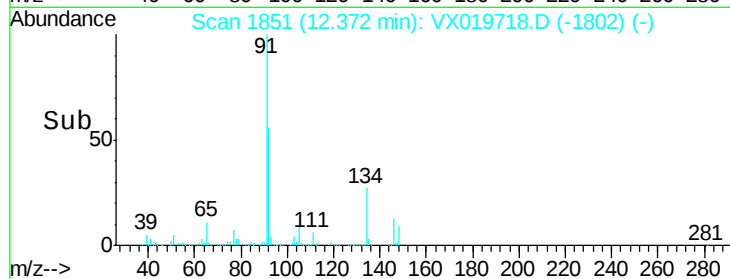
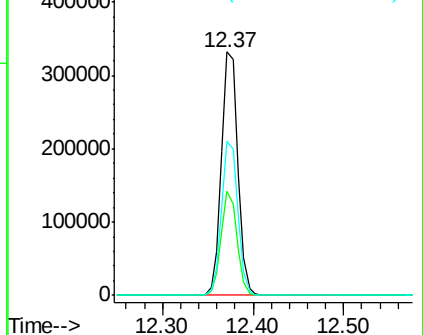
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.391 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

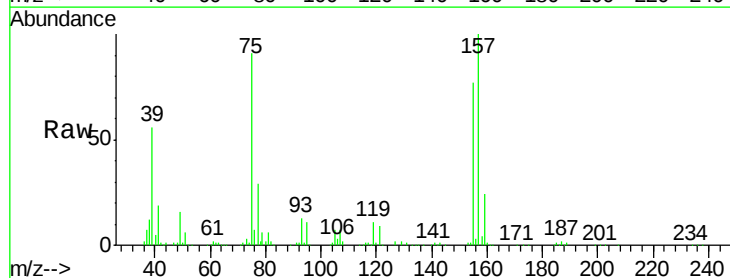
Tgt Ion: 75 Resp: 68065

Ion Ratio Lower Upper

75 100

155 87.4 45.3 135.9

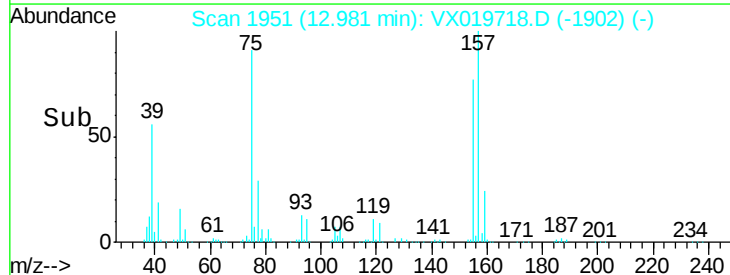
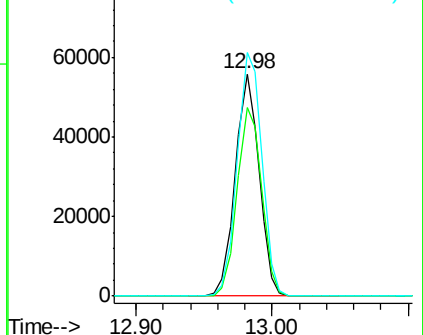
157 113.5 57.7 173.1

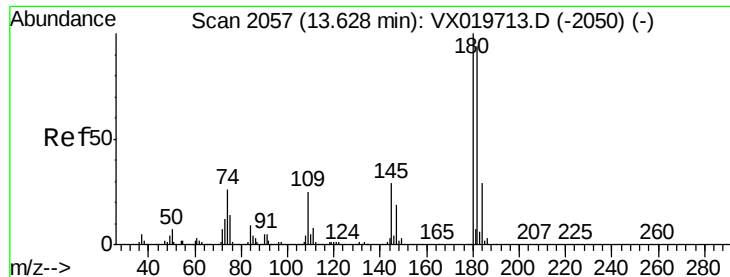


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

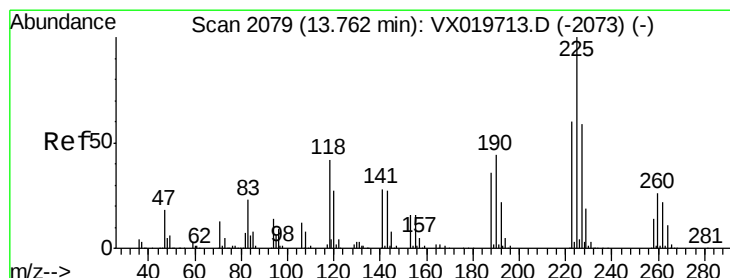
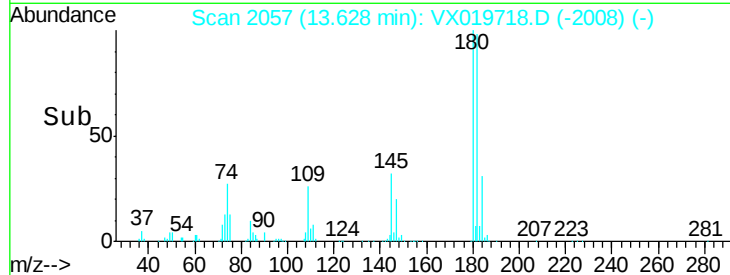
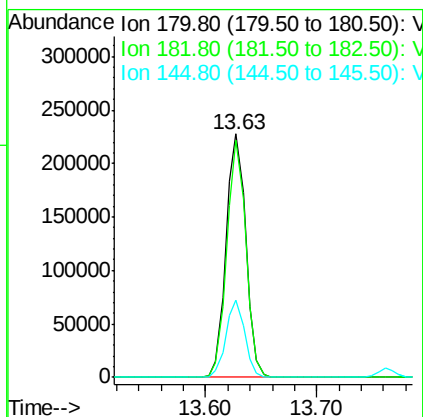
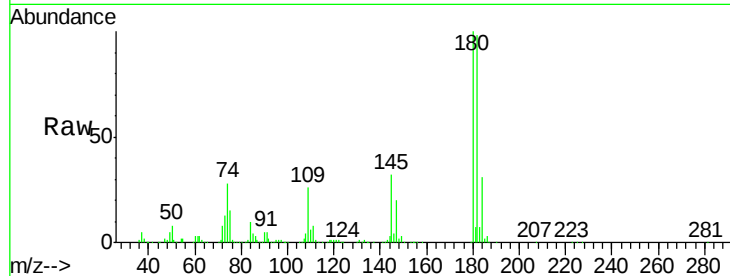




#93
 1,2,4-Trichlorobenzene
 Concen: 50.361 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

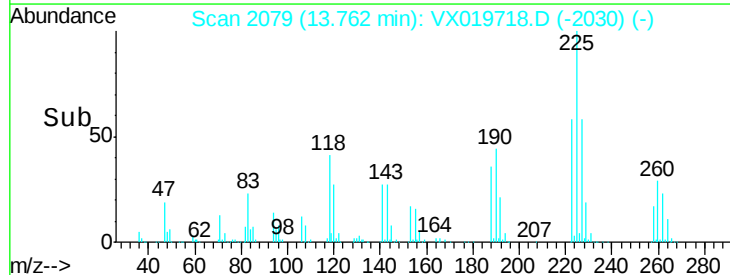
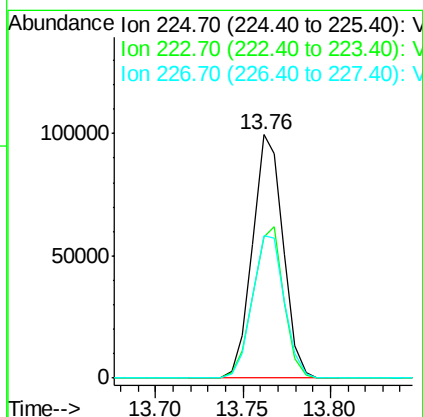
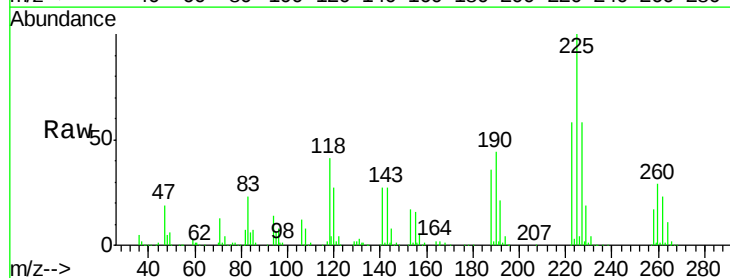
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

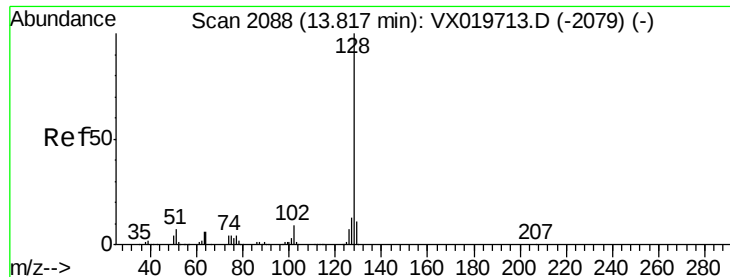
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.7	143.1
145	30.3	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 49.269 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	61.1	31.6	95.0

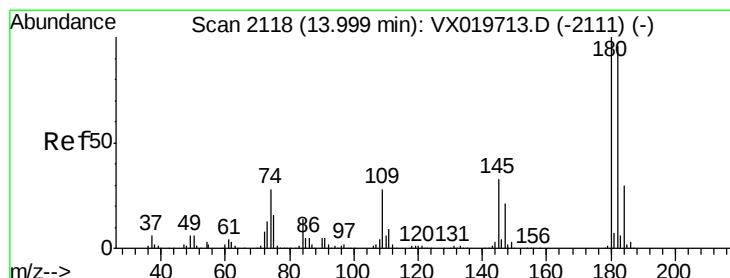
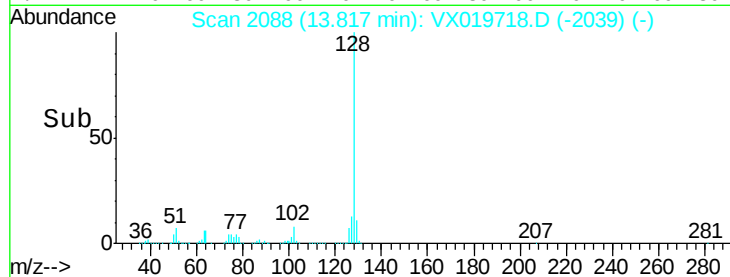
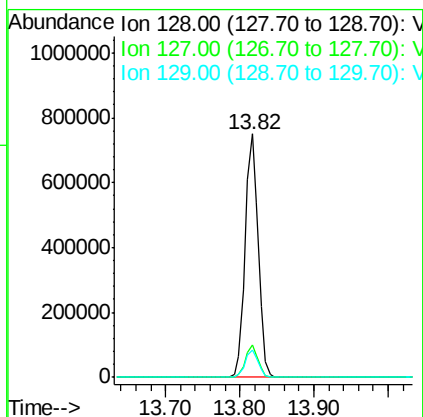
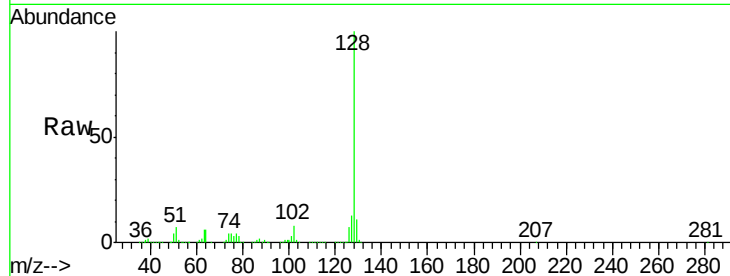




#95
Naphthalene
Concen: 51.425 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion:128 Resp: 922186
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.189 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion:180 Resp: 271307
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 32.6 16.1 48.3

