

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019208.D
 Acq On : 02 Nov 2020 12:23
 Operator : JC/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 13:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 12:49:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	505156	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	443429	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	213851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	836598	237.94	ug/L	0.00
7) Chloroethane-d5	1.70	69	575939	215.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	1436535	210.10	ug/L	0.00
21) 2-Butanone-d5	4.54	46	847739	383.72	ug/L	0.00
24) Chloroform-d	5.14	84	1401011	216.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	886210	185.81	ug/L	0.00
32) Benzene-d6	6.05	84	2823036	240.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	843708	232.77	ug/L	0.00
41) Toluene-d8	8.70	98	2589695	224.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	456126	222.95	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	673584	447.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	953402	199.76	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	837677	203.45	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	682243	164.787	ug/L	100
3) Chloromethane	1.31	50	678379	203.087	ug/L	99
5) Vinyl chloride	1.40	62	776238	209.443	ug/L	100
6) Bromomethane	1.64	94	516152	247.843	ug/L	100
8) Chloroethane	1.72	64	444109	200.429	ug/L	100
9) Trichlorofluoromethane	1.92	101	1152897	188.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	677547	202.071	ug/L	100
12) 1,1-Dichloroethene	2.36	96	663321	209.918	ug/L #	82
13) Acetone	2.43	43	515936	321.410	ug/L	99
14) Carbon disulfide	2.55	76	1985733	207.398	ug/L	99
15) Methyl Acetate	2.75	43	644435	190.180	ug/L	99
16) Methylene chloride	2.84	84	717905	205.993	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	708636	211.309	ug/L	99
18) Methyl tert-butyl Ether	3.17	73	2280525	213.012	ug/L	100
19) 1,1-Dichloroethane	3.67	63	1249510	202.655	ug/L	99
20) cis-1,2-Dichloroethene	4.56	96	792774	215.669	ug/L	100
22) 2-Butanone	4.64	43	867673	356.711	ug/L	100
23) Bromochloromethane	4.98	128	396692	200.999	ug/L	95
25) Chloroform	5.18	83	1328171	195.085	ug/L	97
27) 1,2-Dichloroethane	6.17	62	1037460	190.778	ug/L	99
29) Cyclohexane	5.55	56	1178824	239.531	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	1224044	209.143	ug/L	99
31) Carbon tetrachloride	5.76	117	1069271	204.744	ug/L	100
33) Benzene	6.12	78	2878025	230.238	ug/L	100
34) Trichloroethene	7.19	95	793046	227.809	ug/L	99
35) Methylcyclohexane	7.44	83	1282185	250.249	ug/L	100
37) 1,2-Dichloropropane	7.49	63	719506	219.867	ug/L	100
38) Bromodichloromethane	7.87	83	1022669	219.804	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	1238185	234.153	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	1692166	397.530	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

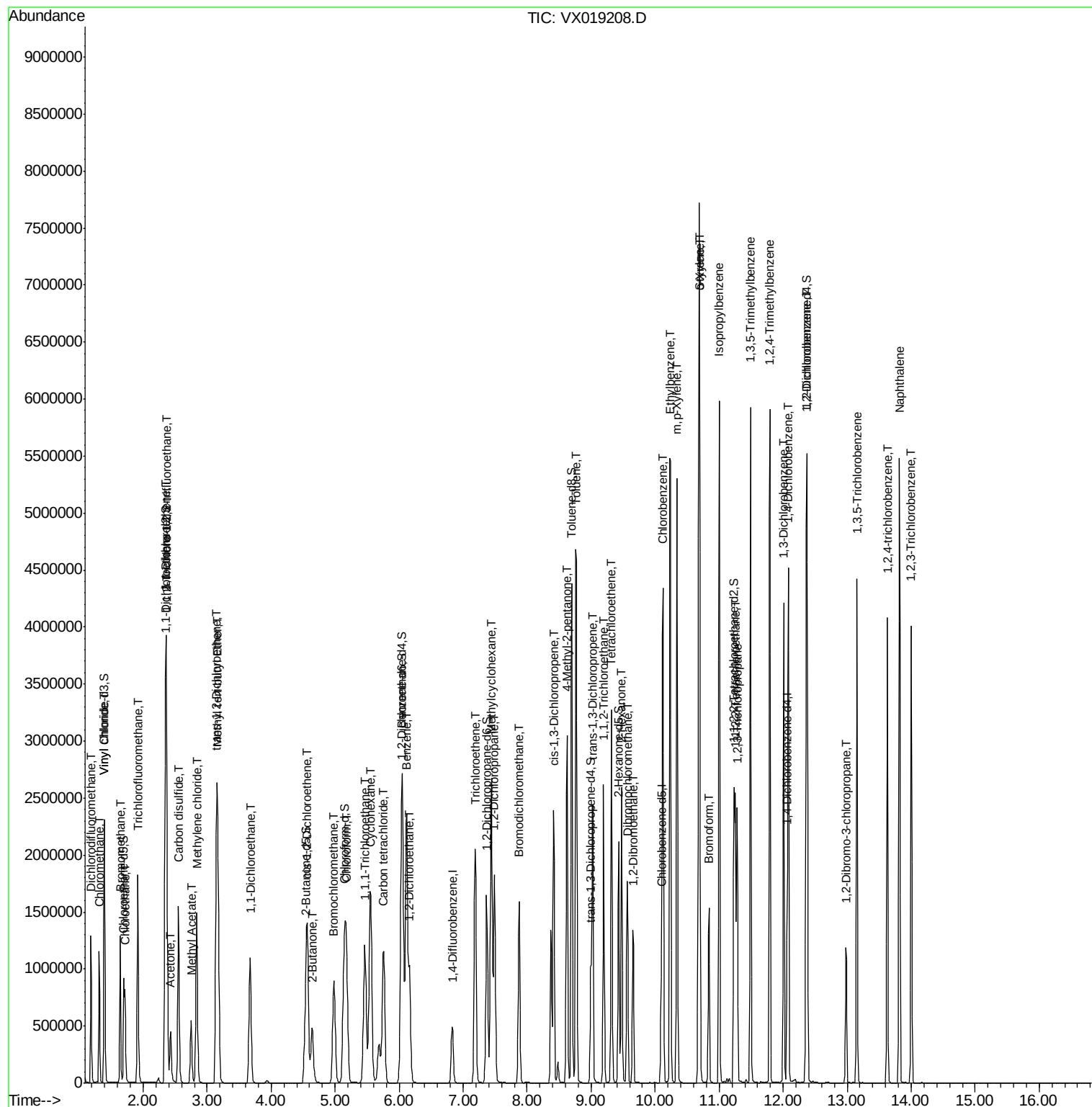
42) Toluene	8.76	91	3082722	229.098	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	1186633	221.522	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	682467	215.675	ug/L	99
46) Tetrachloroethene	9.32	164	591282	210.598	ug/L	96
48) 2-Hexanone	9.48	43	1285770	382.307	ug/L	99
49) Dibromochloromethane	9.57	129	784680	200.982	ug/L	99
50) 1,2-Dibromoethane	9.65	107	730942	211.090	ug/L	97
51) Chlorobenzene	10.12	112	1859149	208.025	ug/L	98
52) Ethylbenzene	10.24	91	3303950	220.836	ug/L	97
53) m,p-Xylene	10.34	106	1260849	222.143	ug/L	97
54) o-Xylene	10.68	106	1202337	220.086	ug/L	96
55) Styrene	10.70	104	2048908	217.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	934882	195.495	ug/L	99
59) Bromoform	10.84	173	532637	194.445	ug/L	99
60) Isopropylbenzene	11.00	105	3154267	225.900	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	761172	196.165	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	2629041	228.127	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	2483359	215.109	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	1369273	203.745	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	1364553	201.145	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	1301424	201.076	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	238259	214.180	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	1008842	223.428	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	943272	226.246	ug/L	98
71) Naphthalene	13.82	128	3161138	243.151	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	937216	227.912	ug/L	100

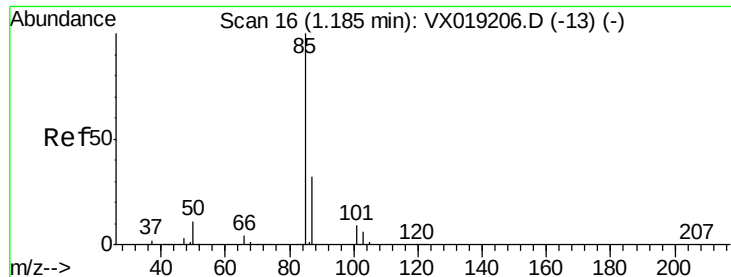
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 164.787 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

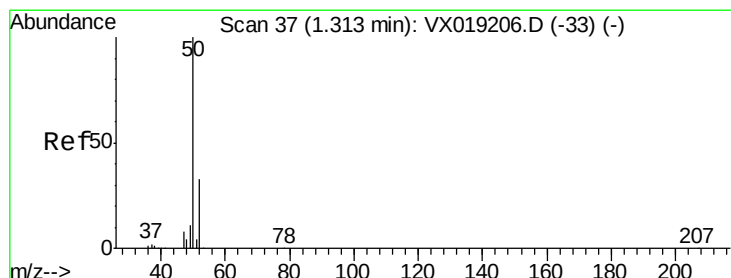
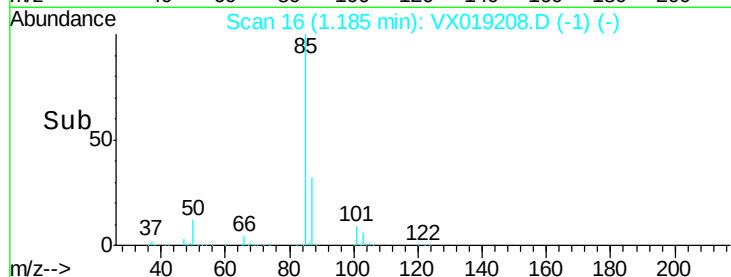
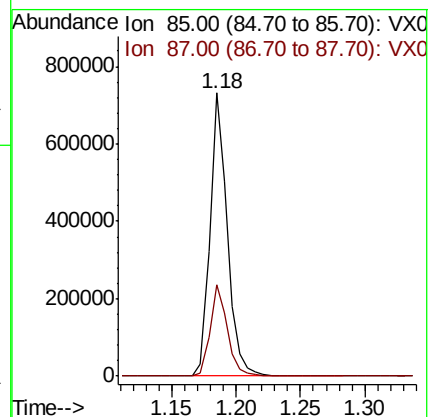
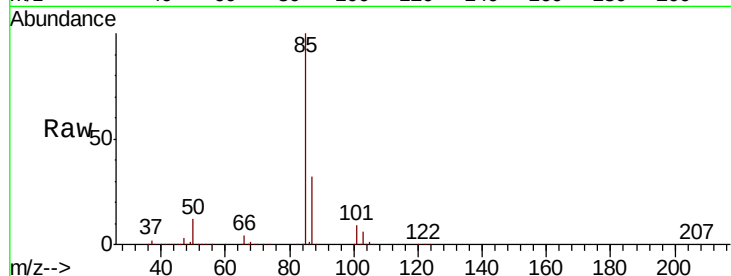
ClientSampled :

Tot Ion: 85 Resp: 682243

Ion Ratio Lower Upper

85 100

87 32.4 25.8 38.8



#3

Chloromethane

Concen: 203.087 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019208.D

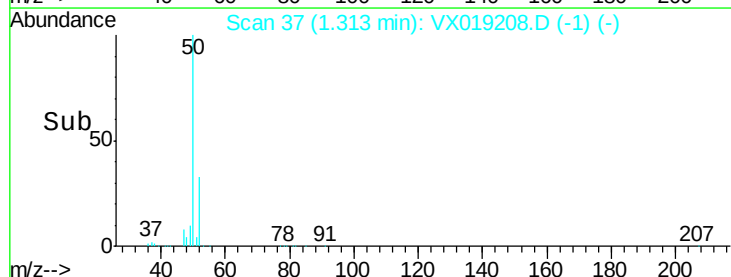
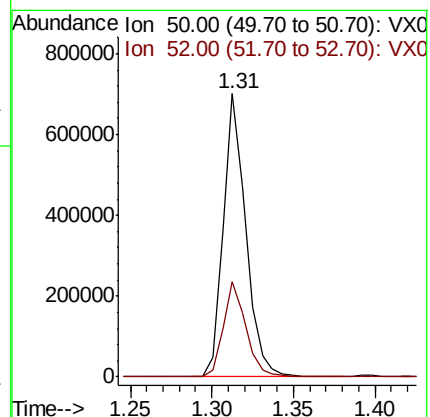
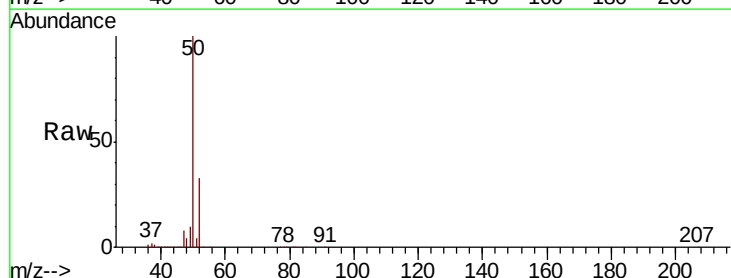
Acq: 02 Nov 2020 12:23

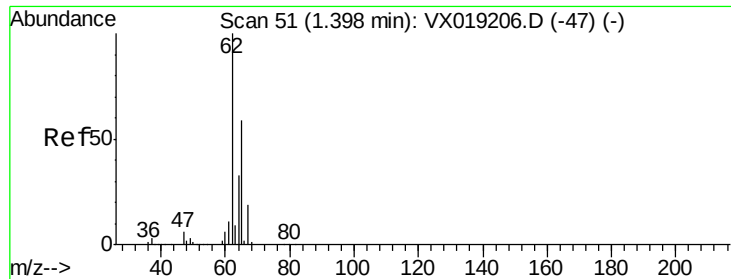
Tgt Ion: 50 Resp: 678379

Ion Ratio Lower Upper

50 100

52 33.4 22.8 42.4





#5

Vinyl chloride

Concen: 209.443 ug/L

RT: 1.40 min Scan# 51

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

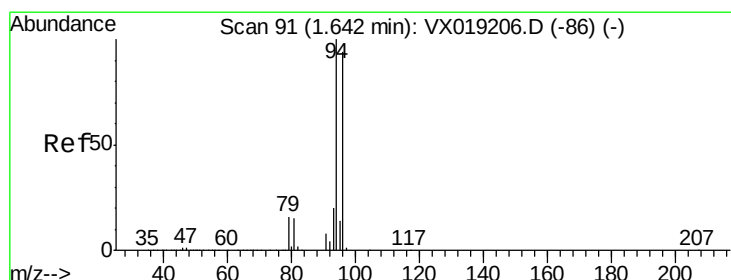
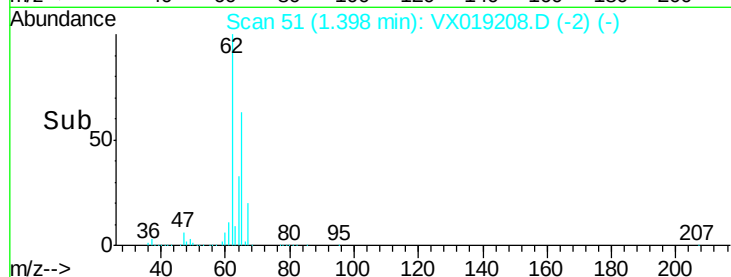
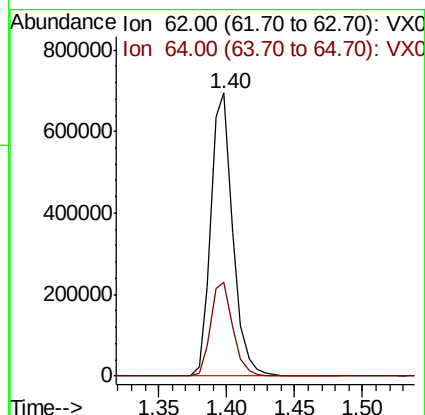
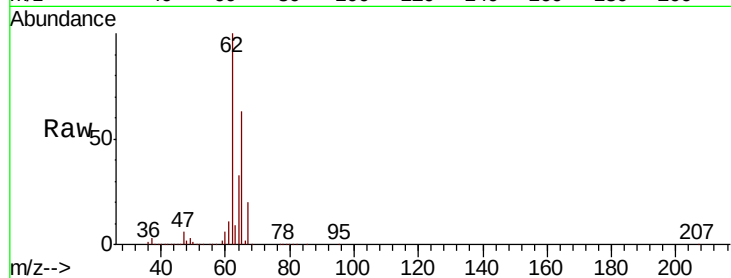
ClientSampleId :

Tot Ion: 62 Resp: 776238

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.6



#6

Bromomethane

Concen: 247.843 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX019208.D

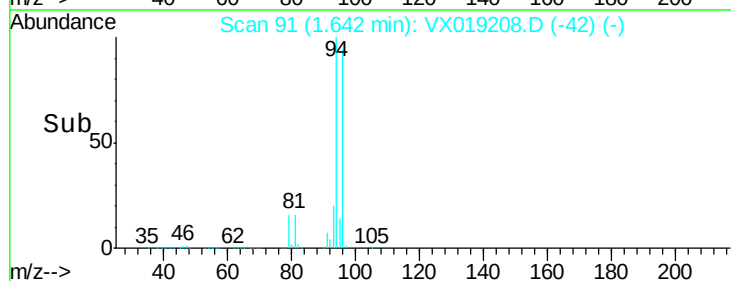
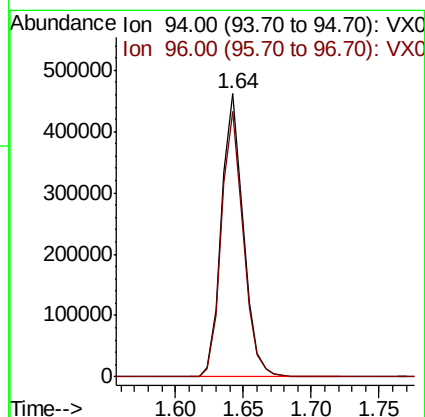
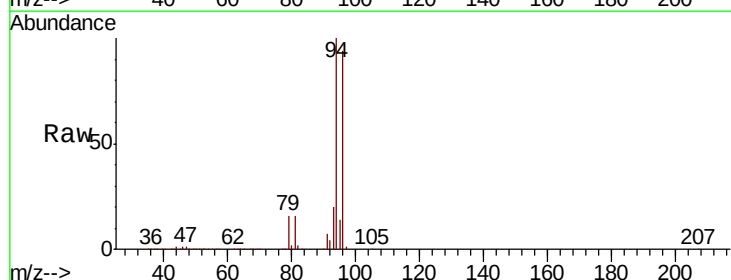
Acq: 02 Nov 2020 12:23

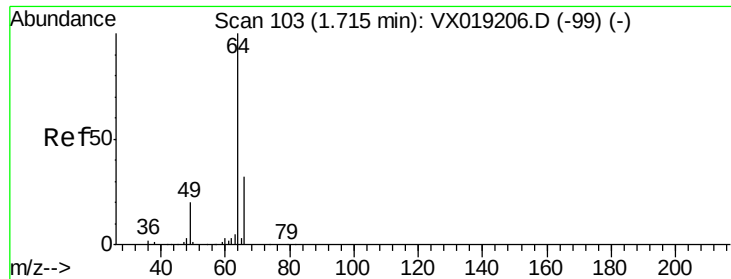
Tgt Ion: 94 Resp: 516152

Ion Ratio Lower Upper

94 100

96 93.9 66.0 122.6

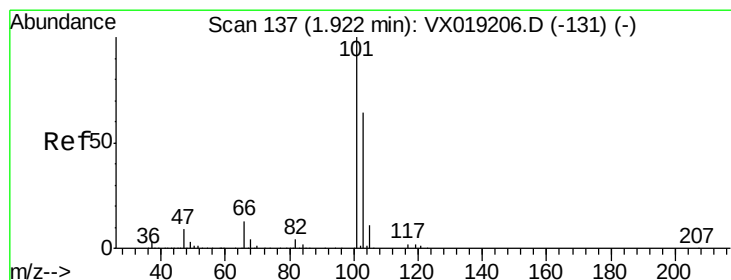
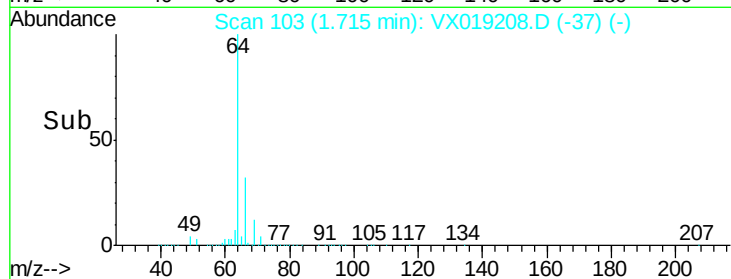
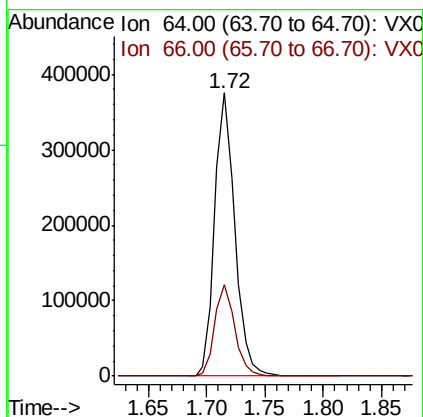
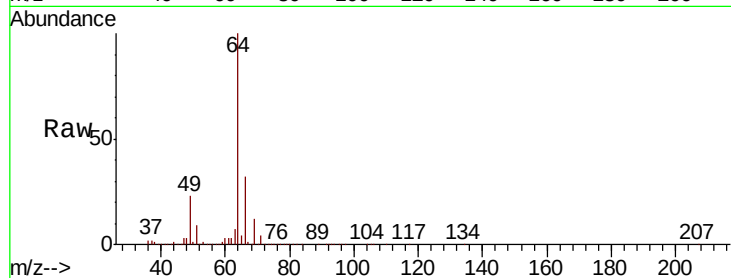




#8
Chloroethane
Concen: 200.429 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

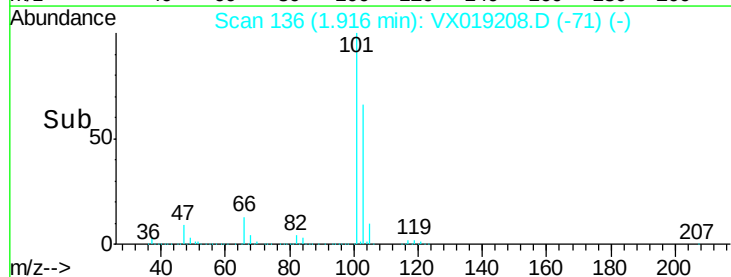
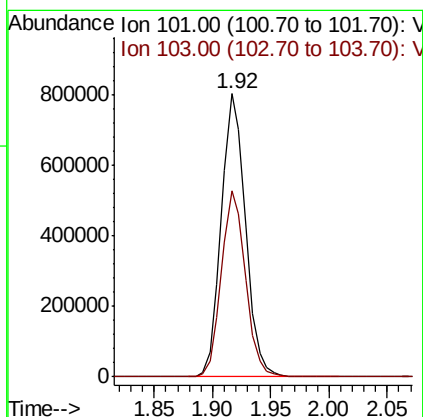
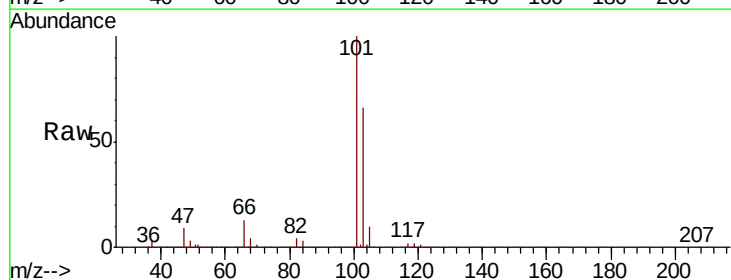
Instrument :
MSVOA_X
ClientSampled :

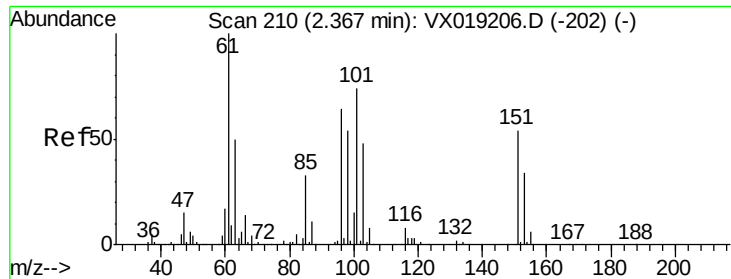
Tot Ion: 64 Resp: 444109
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 188.576 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 101 Resp: 1152897
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 202.071 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

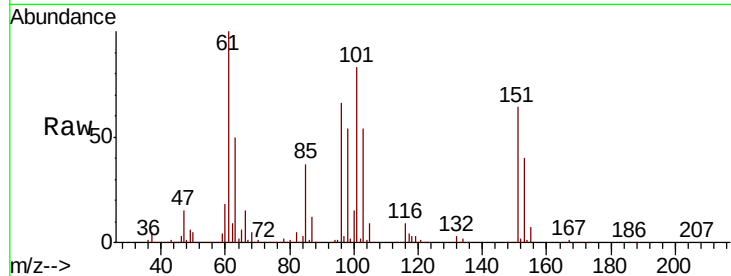
Tot Ion:101 Resp: 677547

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

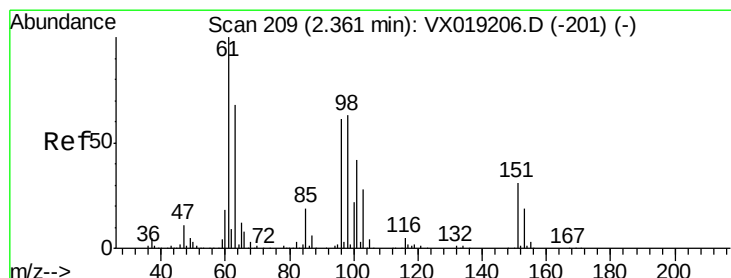
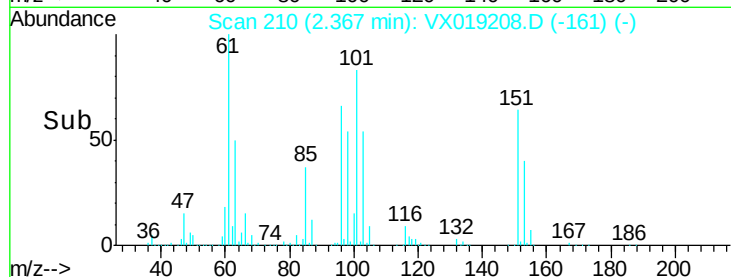
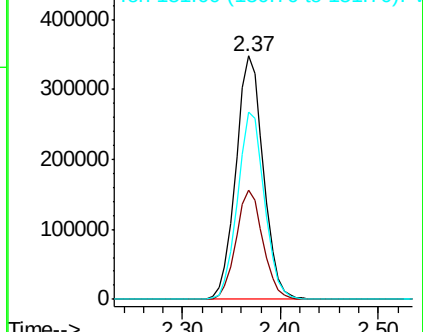
151 75.4 59.9 89.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 209.918 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

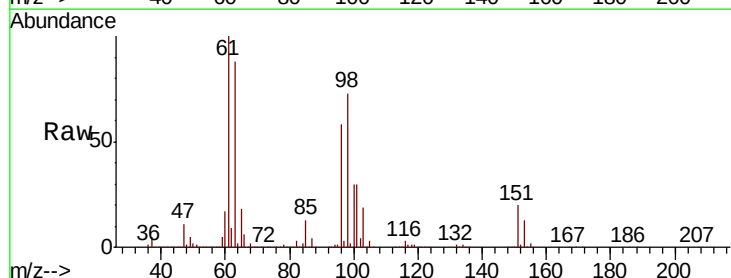
Tgt Ion: 96 Resp: 663321

Ion Ratio Lower Upper

96 100

61 172.2 115.1 213.8

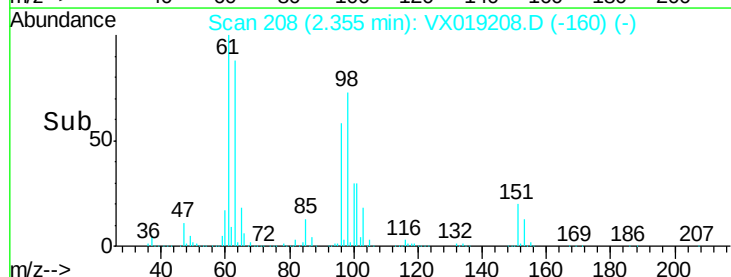
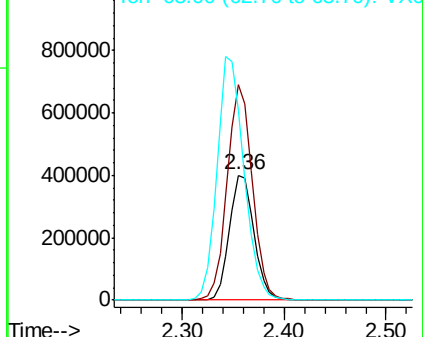
63 151.3 78.3 145.5#

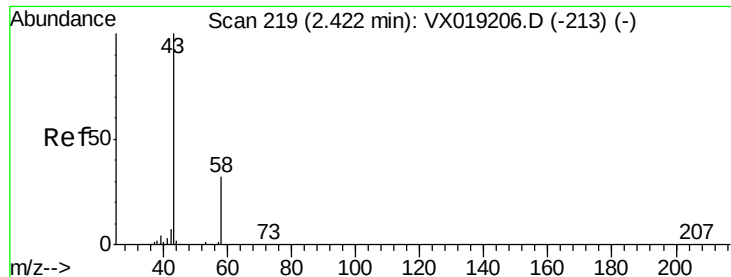


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 321.410 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

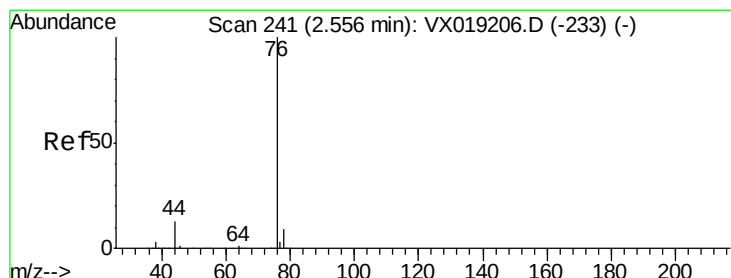
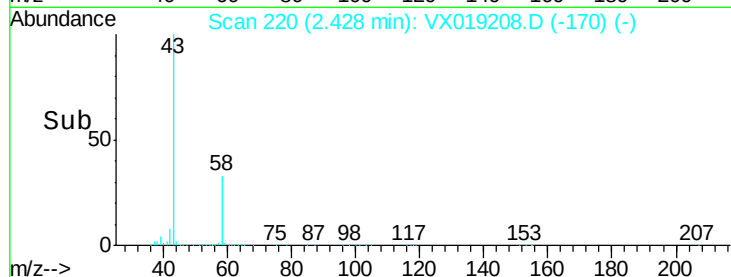
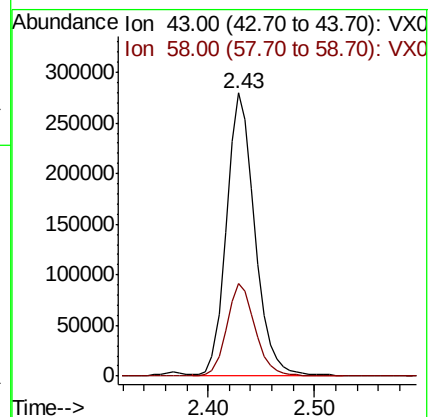
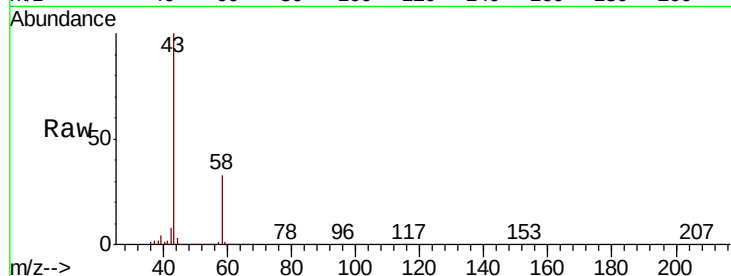
ClientSampleId :

Tot Ion: 43 Resp: 515936

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.6



#14

Carbon disulfide

Concen: 207.398 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX019208.D

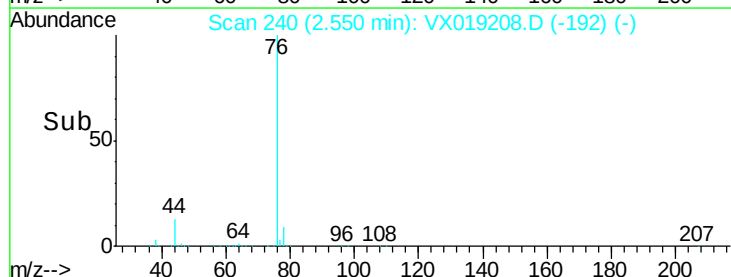
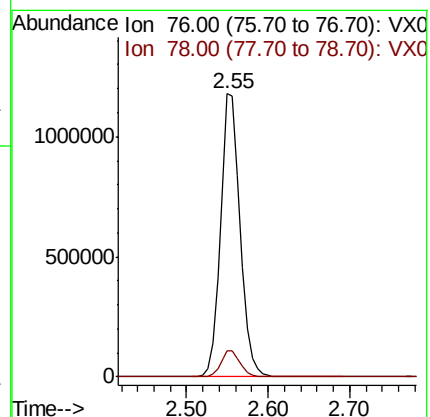
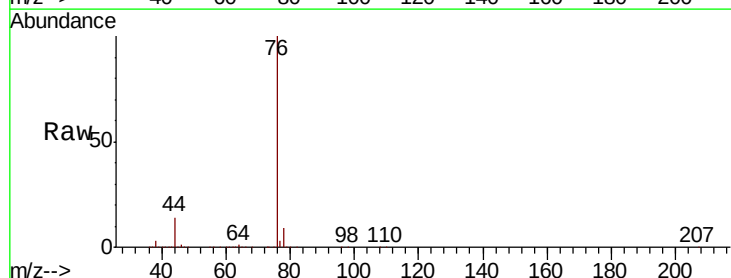
Acq: 02 Nov 2020 12:23

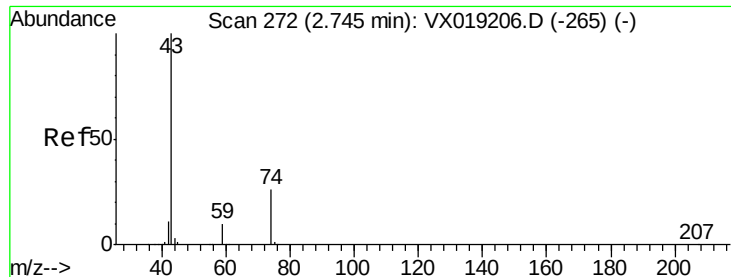
Tgt Ion: 76 Resp: 1985733

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

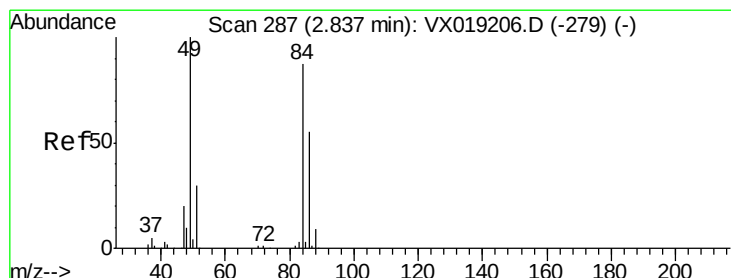
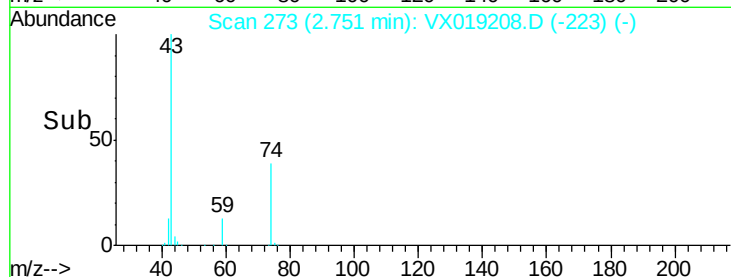
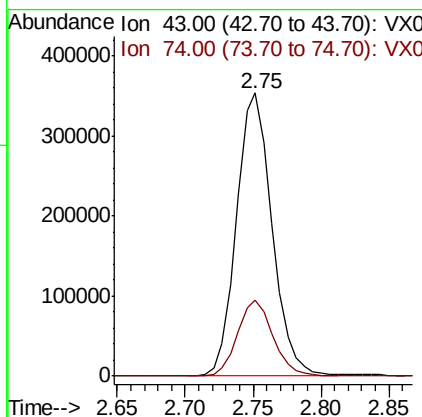
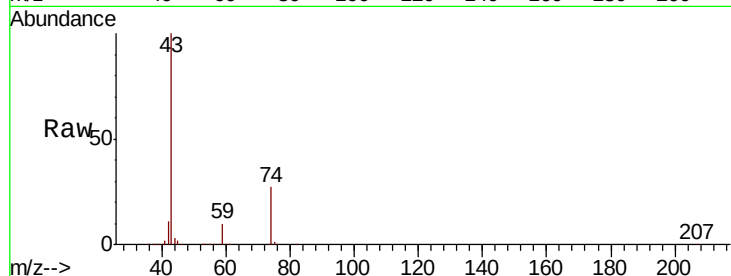




#15
Methyl Acetate
Concen: 190.180 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

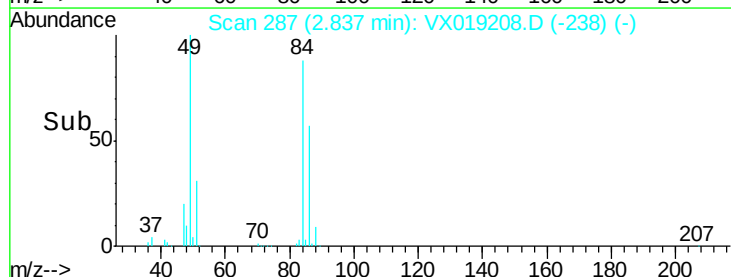
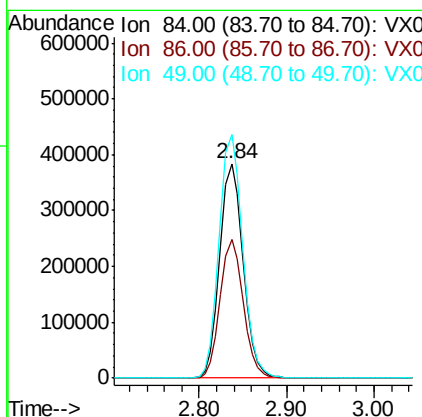
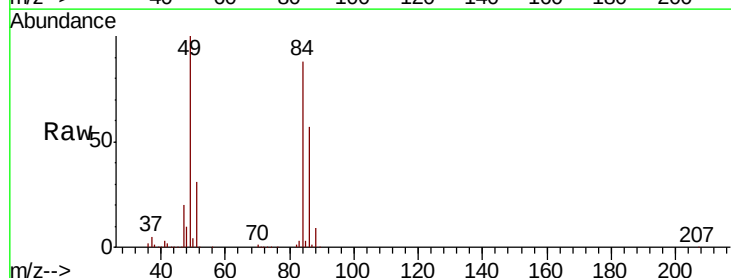
Instrument :
MSVOA_X
ClientSampled :

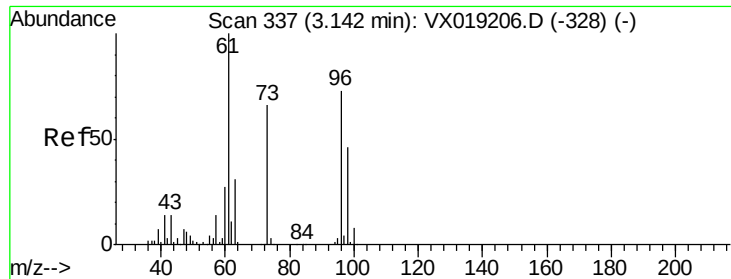
Tot Ion: 43 Resp: 644435
Ion Ratio Lower Upper
43 100
74 26.8 21.8 32.8



#16
Methylene chloride
Concen: 205.993 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 84 Resp: 717905
Ion Ratio Lower Upper
84 100
86 64.5 44.0 81.6
49 113.3 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 211.309 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

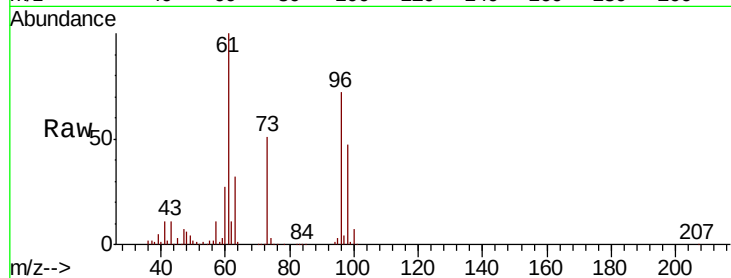
Tot Ion: 96 Resp: 708636

Ion Ratio Lower Upper

96 100

61 138.1 95.7 177.7

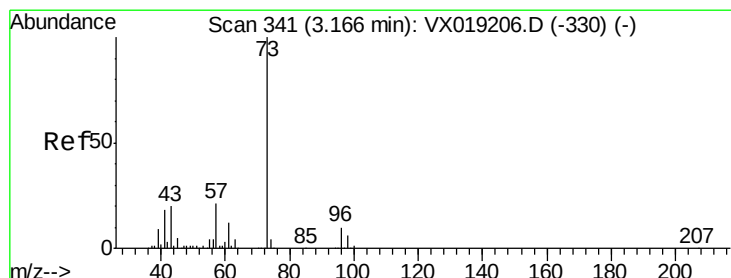
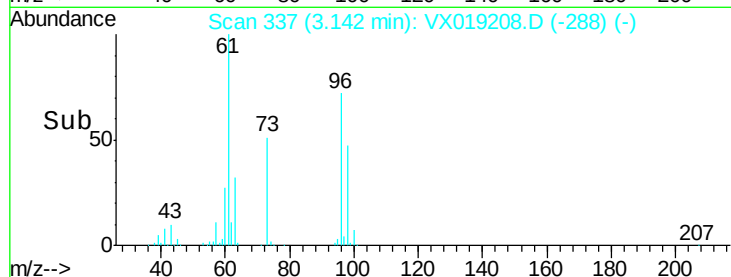
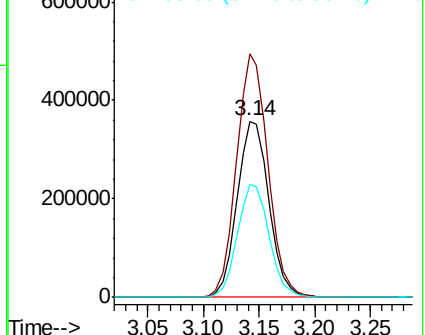
98 64.5 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#18

Methyl tert-butyl Ether

Concen: 213.012 ug/L

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

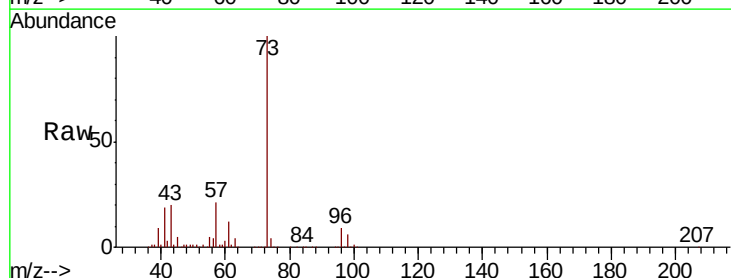
Tgt Ion: 73 Resp: 2280525

Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

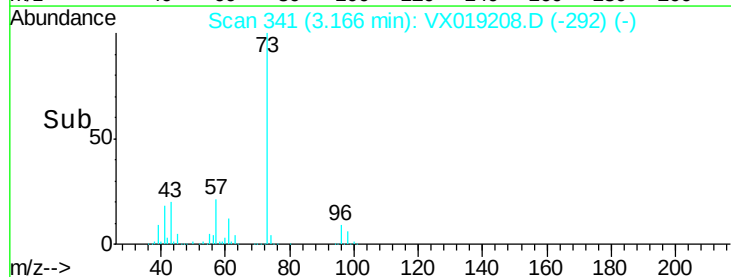
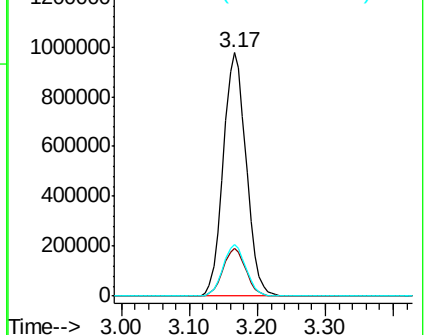
57 21.1 17.0 25.4

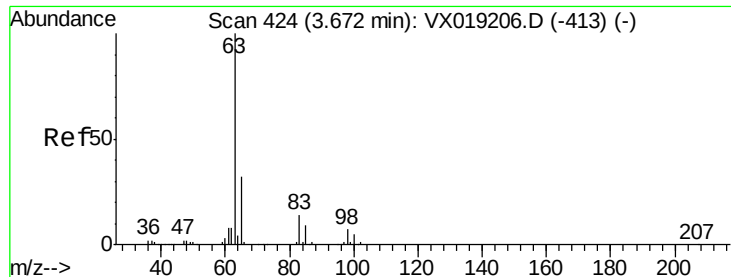


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#19

1,1-Dichloroethane

Concen: 202.655 ug/L

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

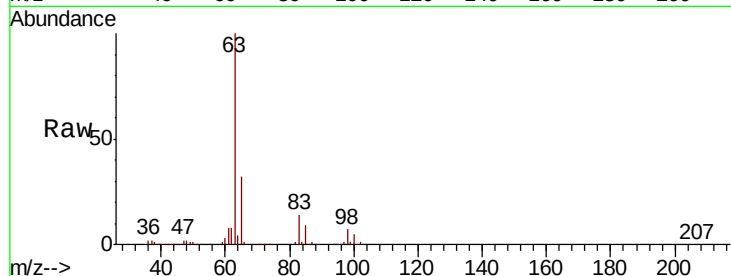
Tot Ion: 63 Resp: 1249510

Ion Ratio Lower Upper

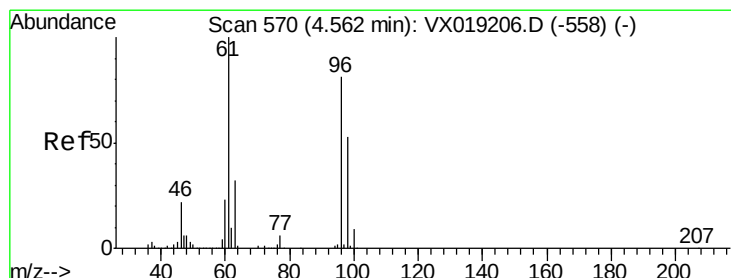
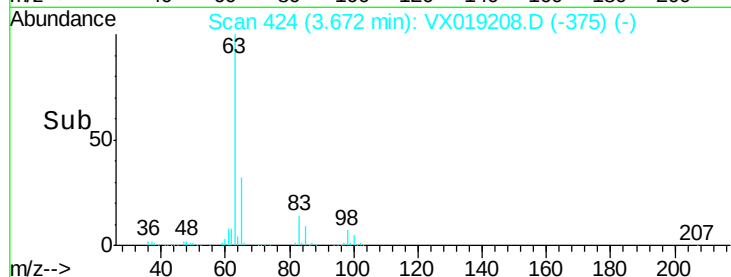
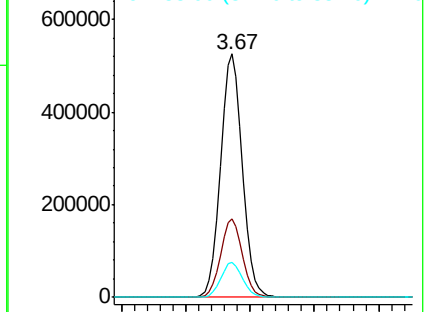
63 100

65 32.4 22.3 41.3

83 14.2 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 83.00 (82.70 to 83.70): VX0



#20

cis-1,2-Dichloroethene

Concen: 215.669 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

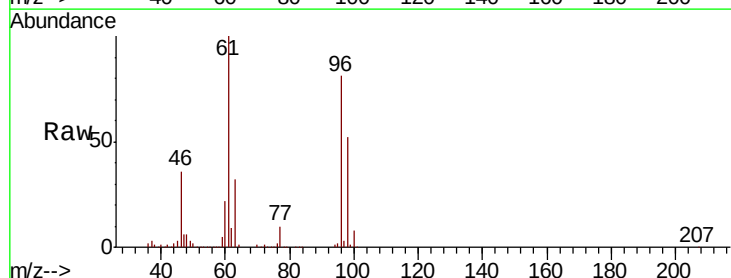
Tgt Ion: 96 Resp: 792774

Ion Ratio Lower Upper

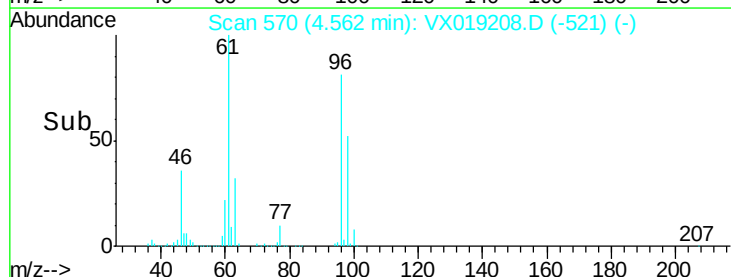
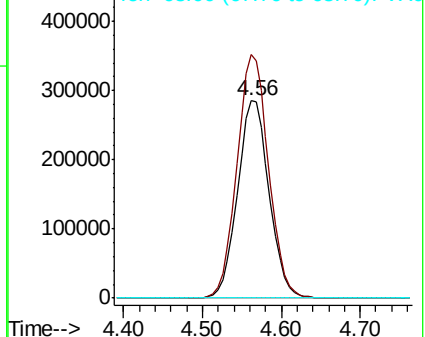
96 100

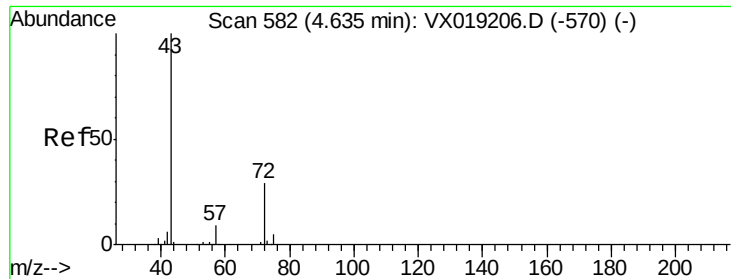
61 123.5 86.1 159.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 68.00 (67.70 to 68.70): VX0





#22

2-Butanone

Concen: 356.711 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

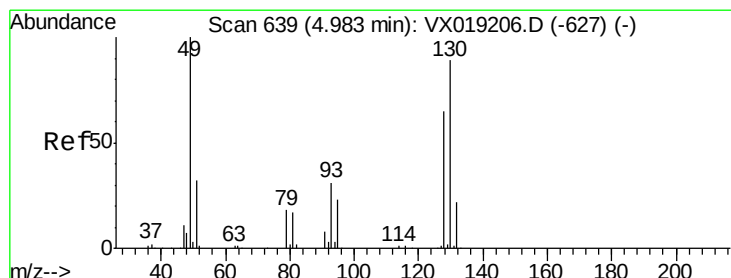
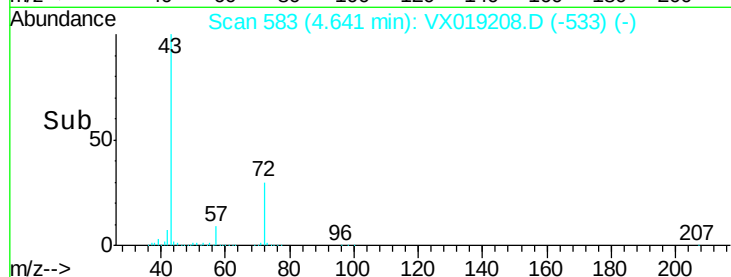
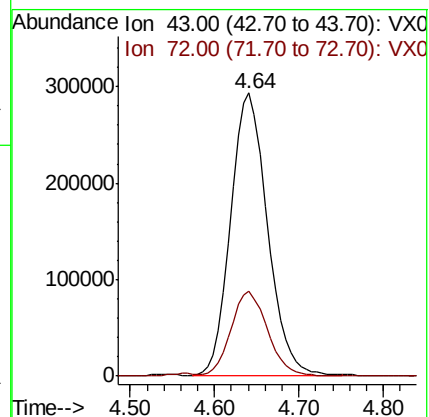
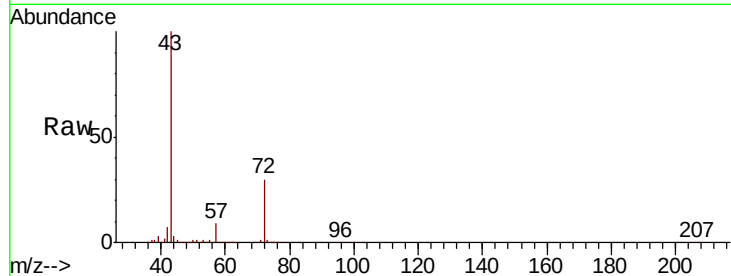
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 867673

Ion Ratio Lower Upper

43 100

72 29.9 15.0 45.0



#23

Bromochloromethane

Concen: 200.999 ug/L

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Tgt Ion: 128 Resp: 396692

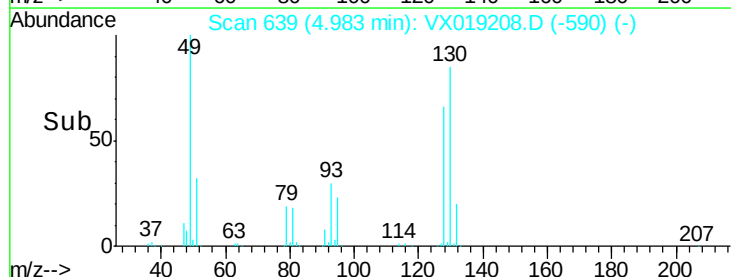
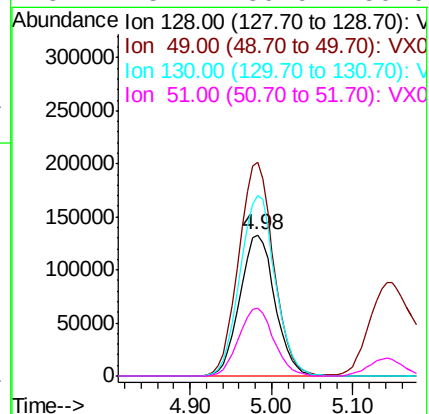
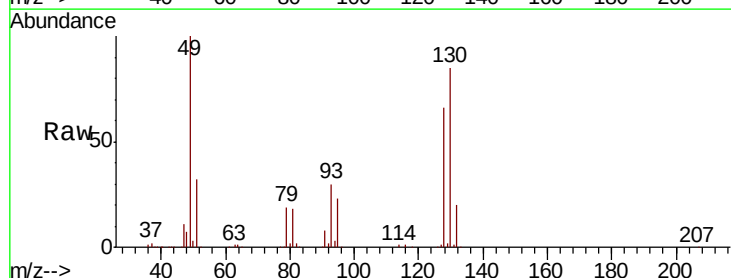
Ion Ratio Lower Upper

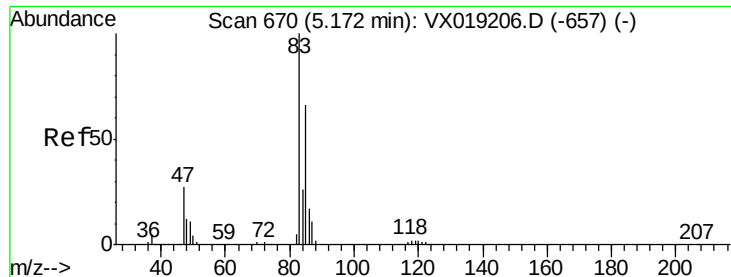
128 100

49 151.1 108.4 201.4

130 128.0 96.7 179.7

51 48.4 39.9 59.9

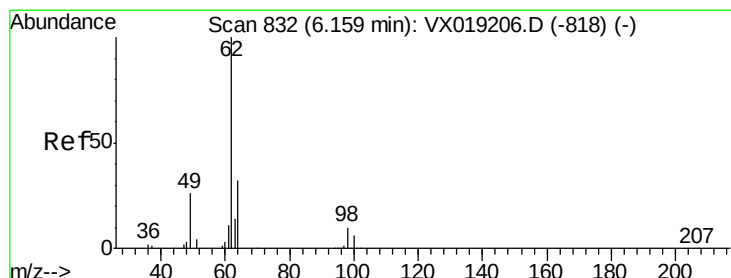
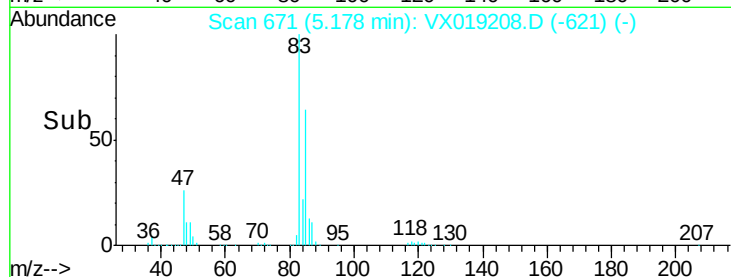
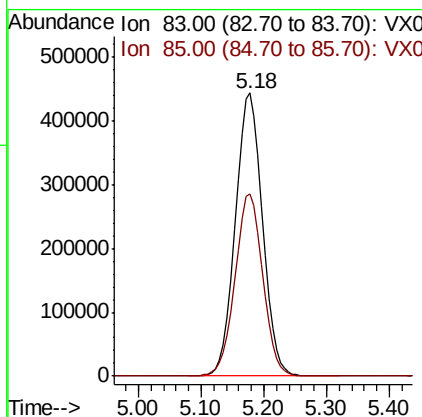
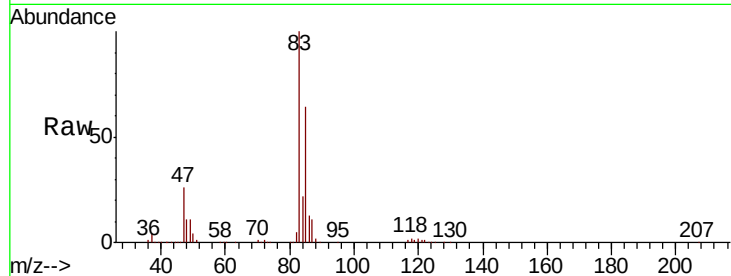




#25
Chloroform
Concen: 195.085 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

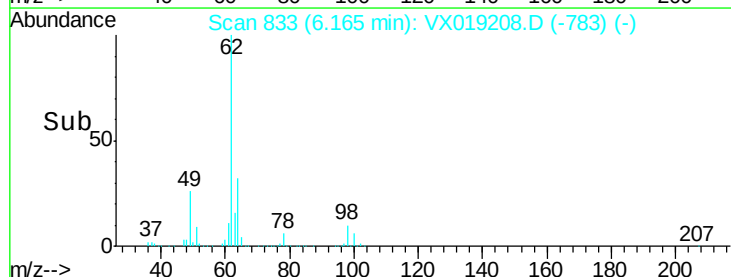
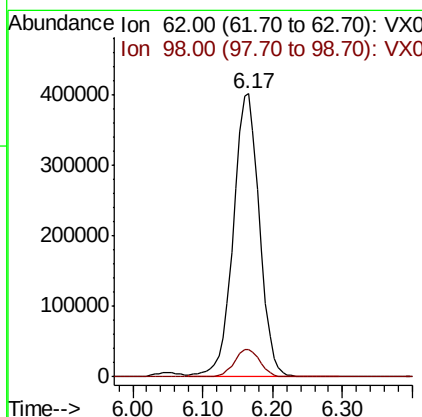
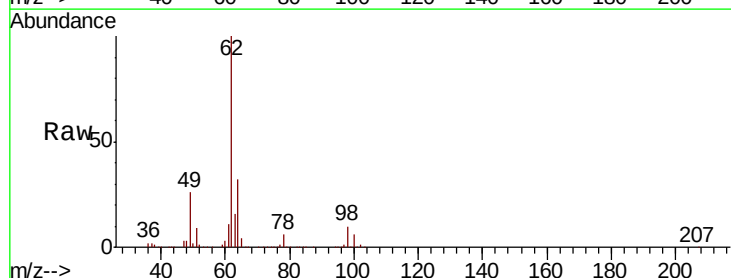
Instrument :
MSVOA_X
ClientSampleId :

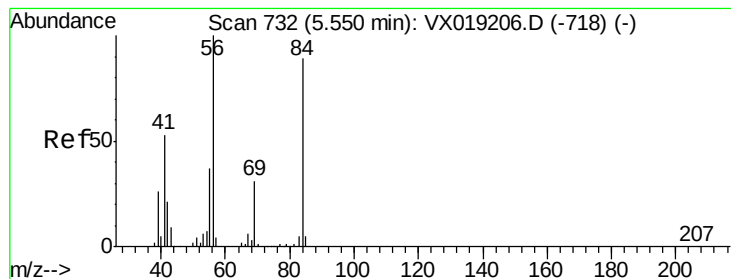
Tot Ion: 83 Resp: 1328171
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3



#27
1,2-Dichloroethane
Concen: 190.778 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 62 Resp: 1037460
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 239.531 ug/L

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampled :

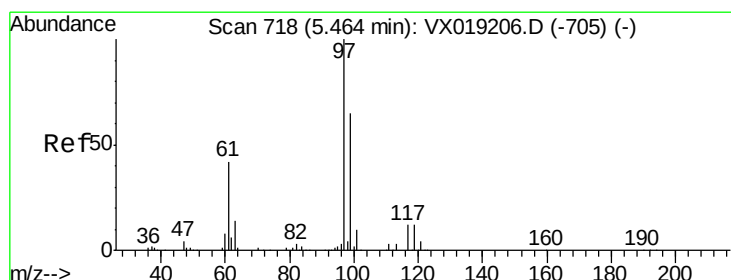
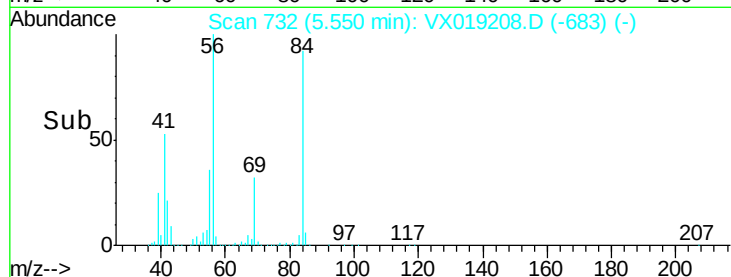
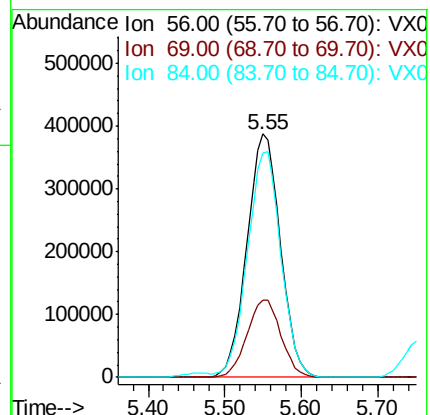
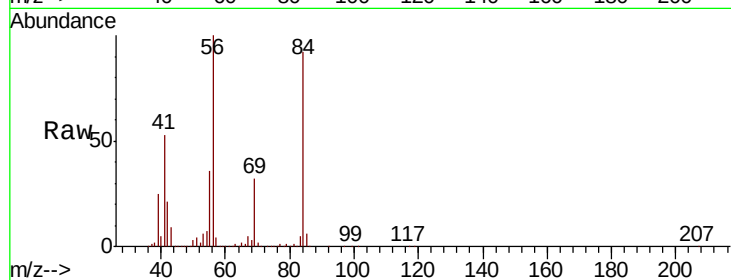
Tot Ion: 56 Resp: 1178824

Ion Ratio Lower Upper

56 100

69 32.3 25.2 37.8

84 93.1 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 209.143 ug/L

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

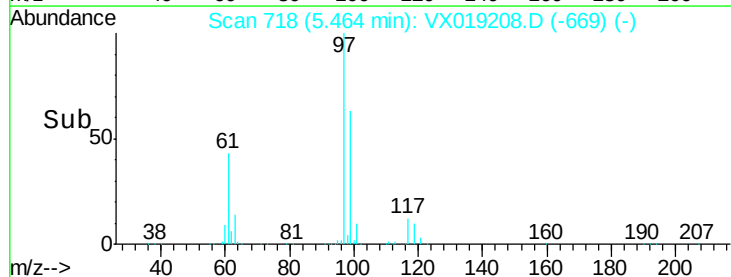
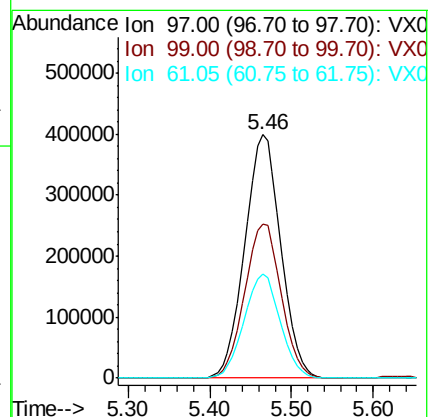
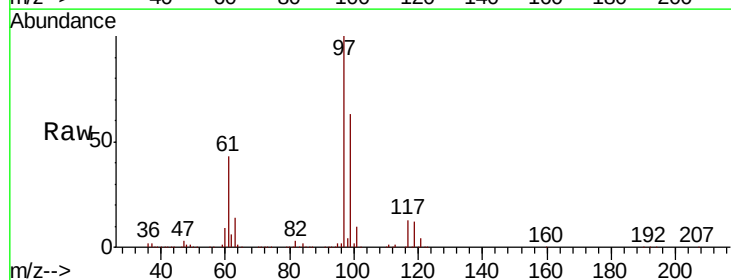
Tgt Ion: 97 Resp: 1224044

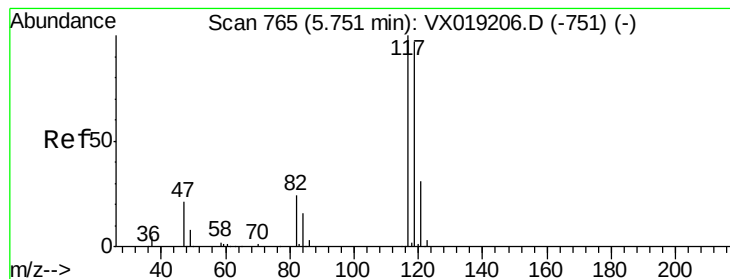
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

61 42.9 34.8 52.2





#31

Carbon tetrachloride

Concen: 204.744 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

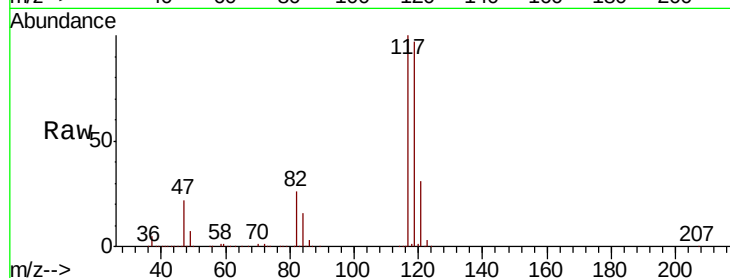
ClientSampled :

Tot Ion:117 Resp: 1069271

Ion Ratio Lower Upper

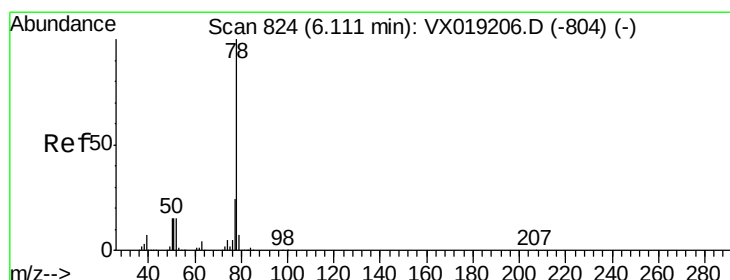
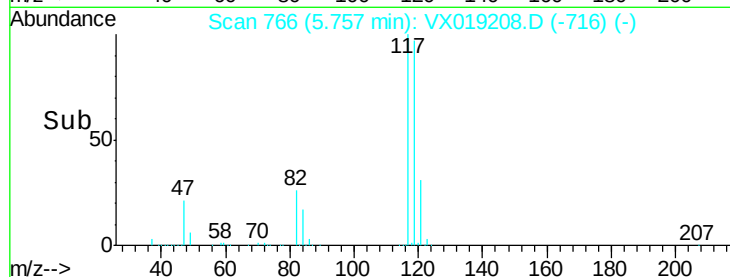
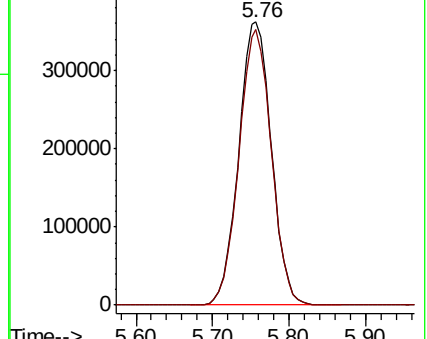
117 100

119 96.5 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 230.238 ug/L

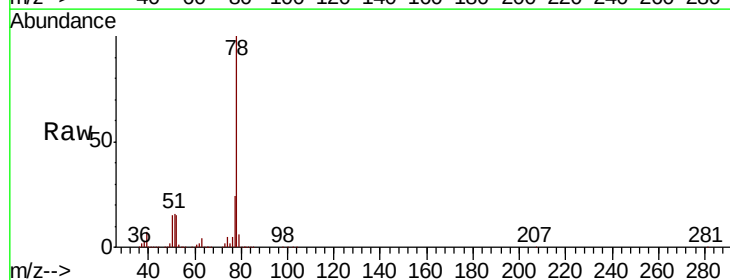
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

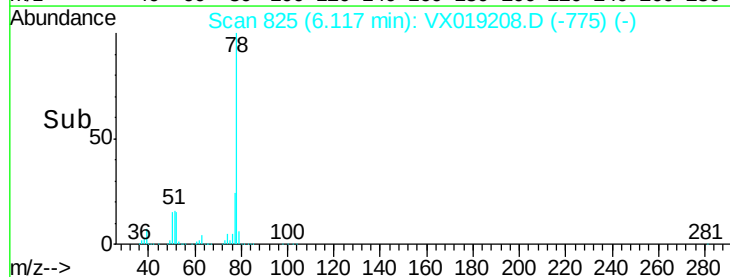
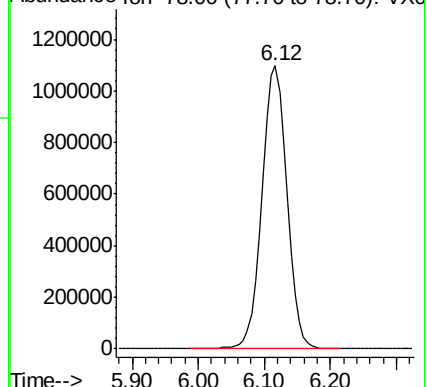
Lab File: VX019208.D

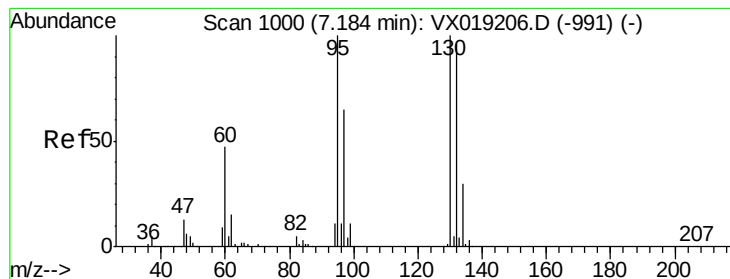
Acq: 02 Nov 2020 12:23

Tgt Ion: 78 Resp: 2878025



Abundance Ion 78.00 (77.70 to 78.70): VX0





#34

Trichloroethene

Concen: 227.809 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 95 Resp: 793046

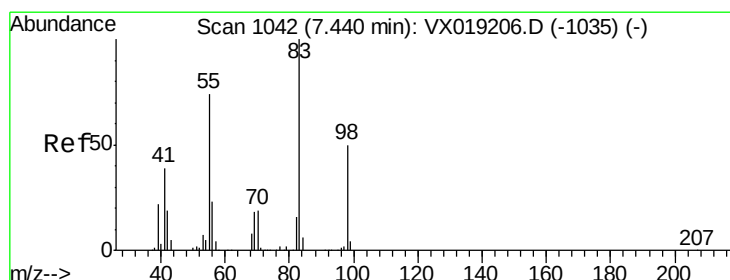
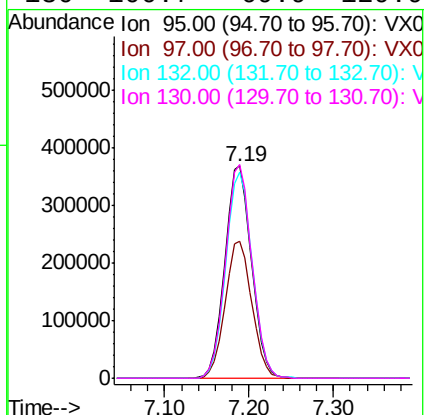
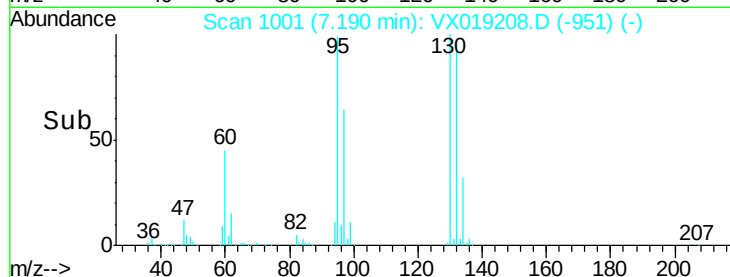
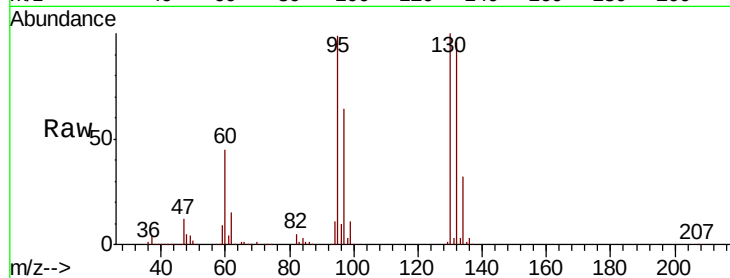
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 96.9 67.3 124.9

130 100.7 69.9 129.9



#35

Methylcyclohexane

Concen: 250.249 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

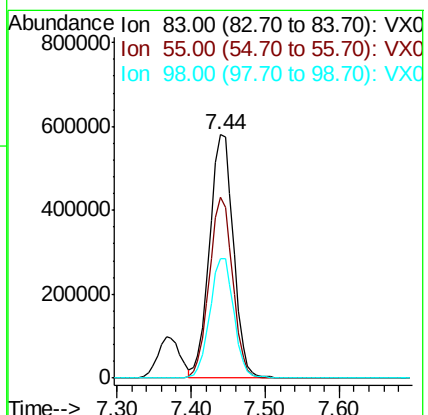
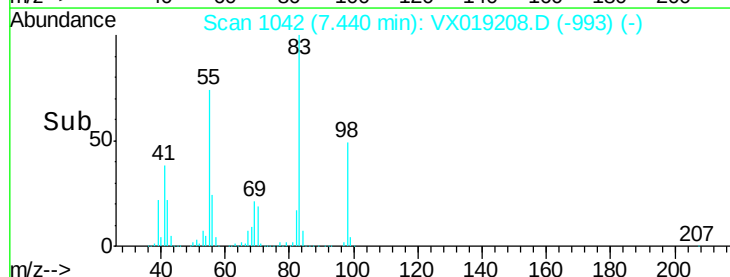
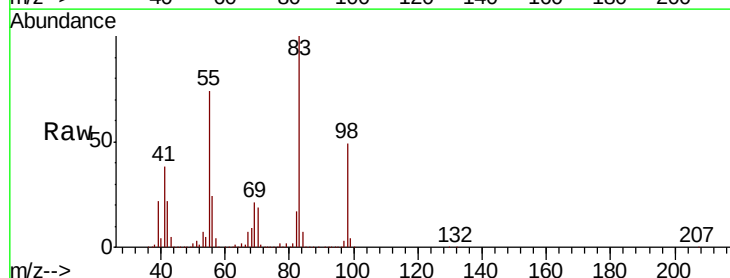
Tgt Ion: 83 Resp: 1282185

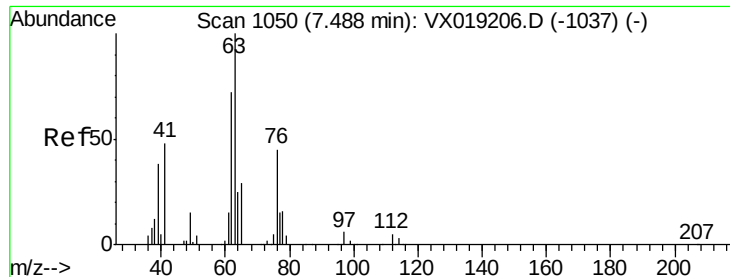
Ion Ratio Lower Upper

83 100

55 72.7 58.6 87.8

98 49.0 39.0 58.6

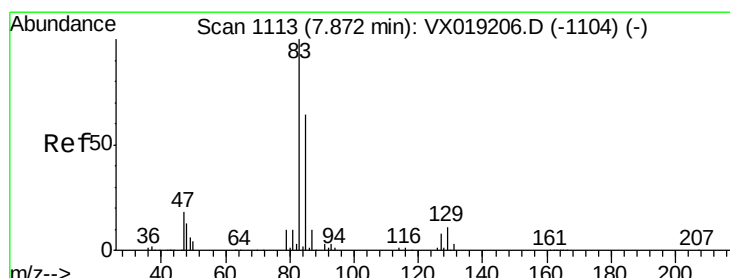
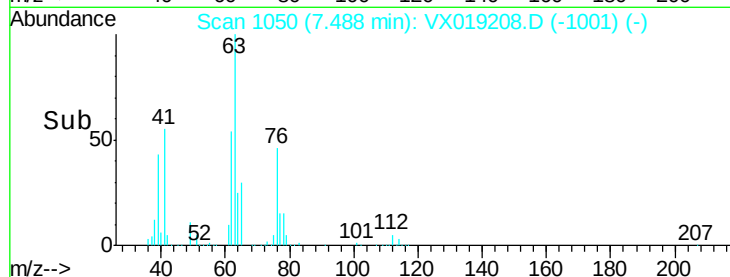
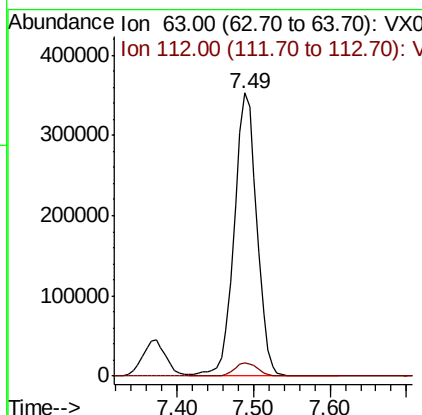
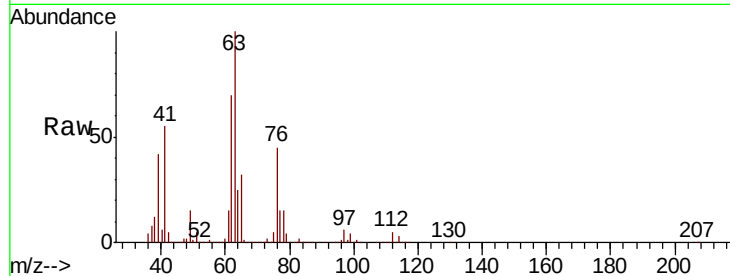




#37
 1,2-Dichloropropane
 Concen: 219.867 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

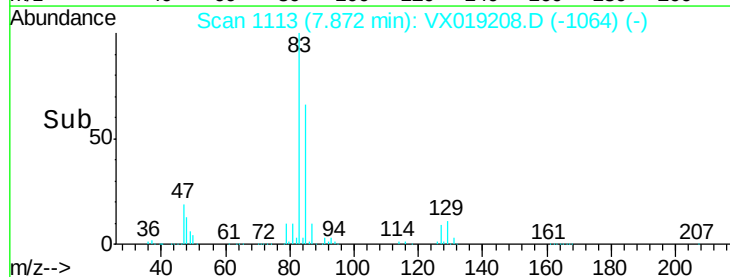
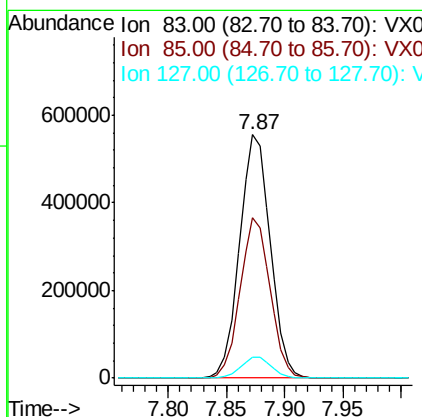
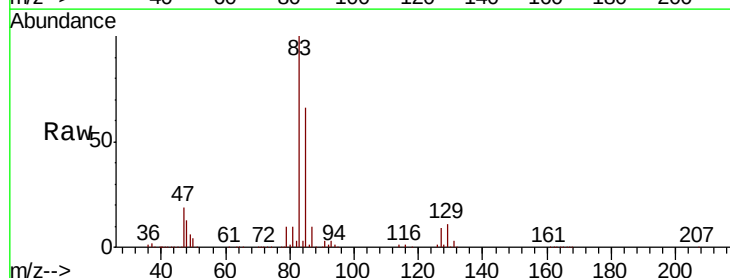
Instrument :
 MSVOA_X
 ClientSampled :

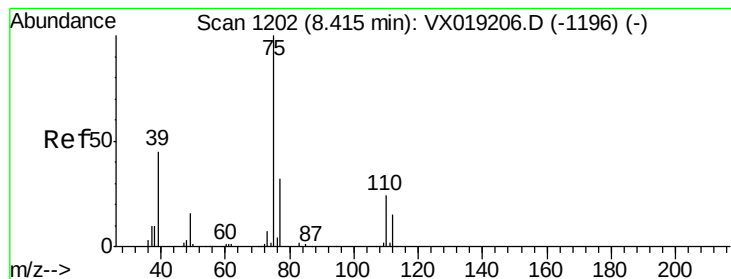
Tot Ion: 63 Resp: 719506
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.8 5.6



#38
 Bromodichloromethane
 Concen: 219.804 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion: 83 Resp: 1022669
 Ion Ratio Lower Upper
 83 100
 85 65.7 44.6 82.8
 127 8.7 6.8 10.2



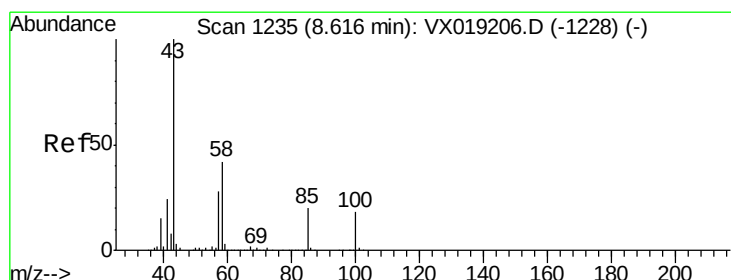
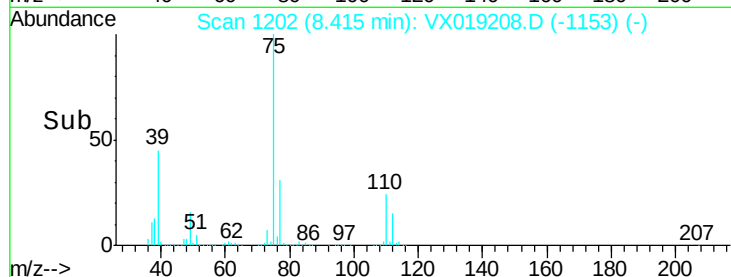
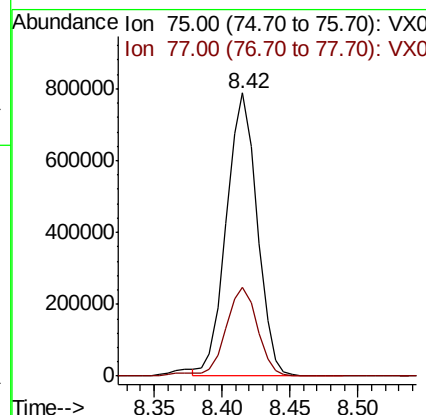
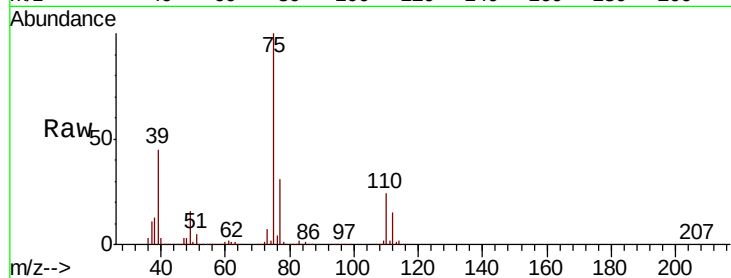


#39

cis-1,3-Dichloropropene
Concen: 234.153 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Instrument :
MSVOA_X
ClientSampled :

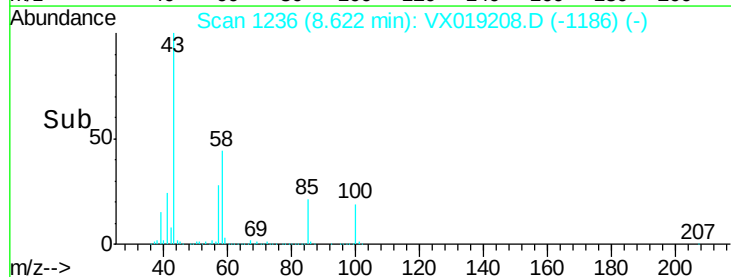
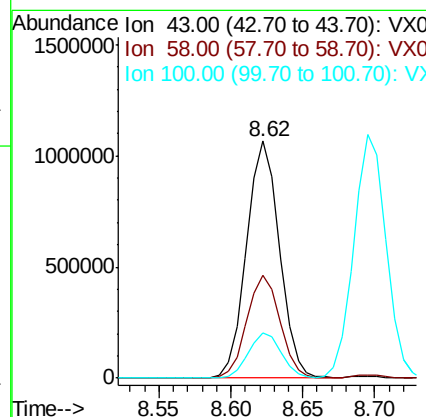
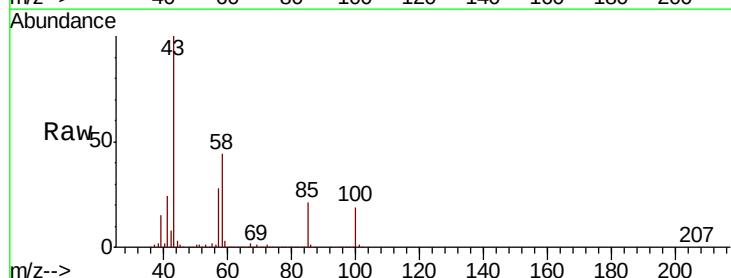
Tot Ion: 75 Resp: 1238185
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.7

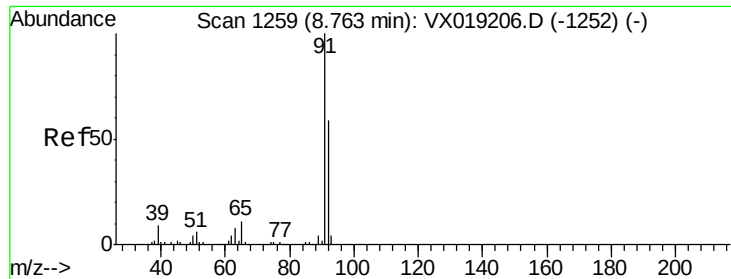


#40

4-Methyl-2-pentanone
Concen: 397.530 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 43 Resp: 1692166
Ion Ratio Lower Upper
43 100
58 43.5 34.1 51.1
100 19.1 14.8 22.2





#42

Toluene

Concen: 229.098 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

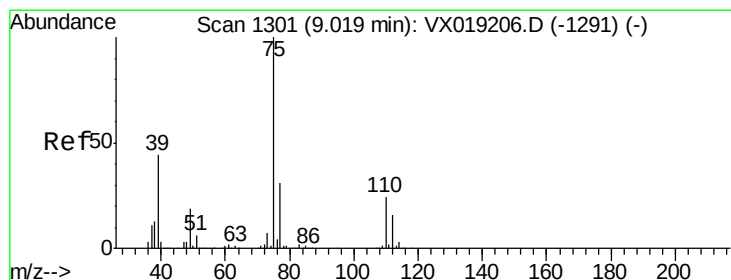
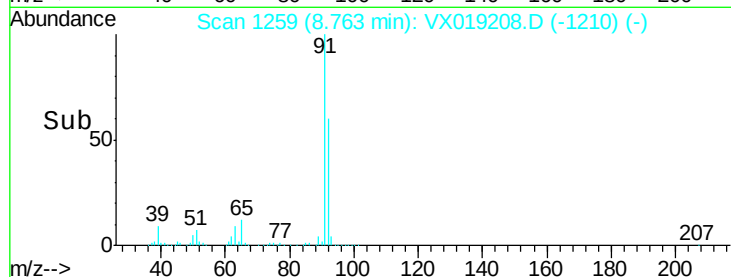
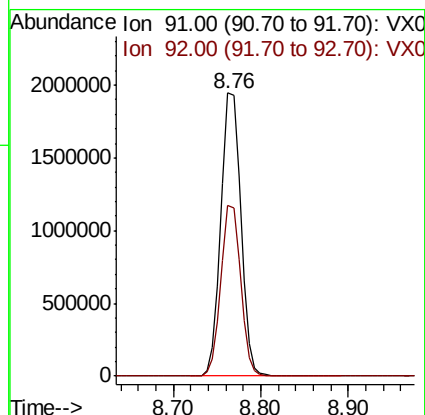
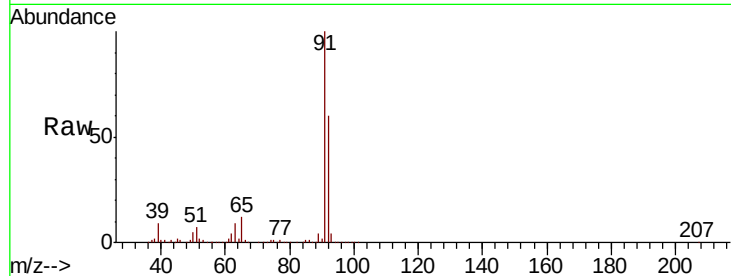
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 3082722

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 221.522 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019208.D

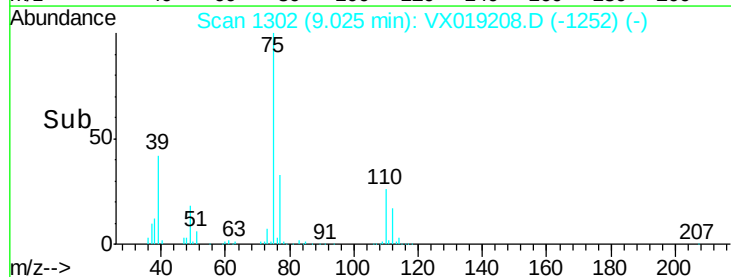
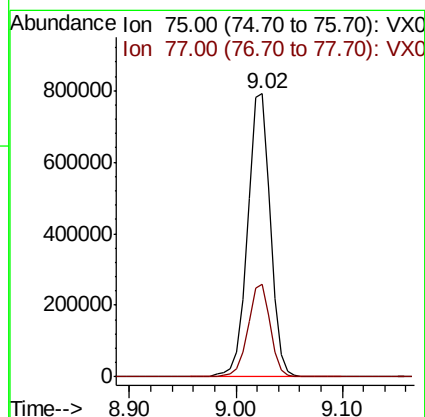
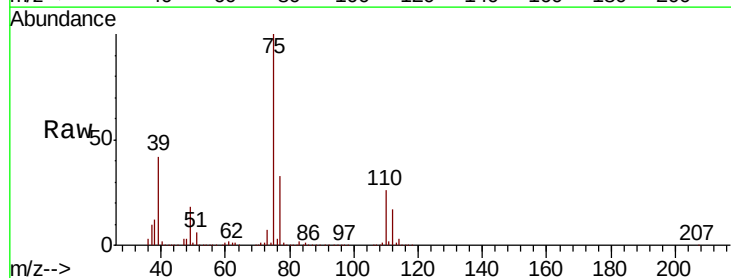
Acq: 02 Nov 2020 12:23

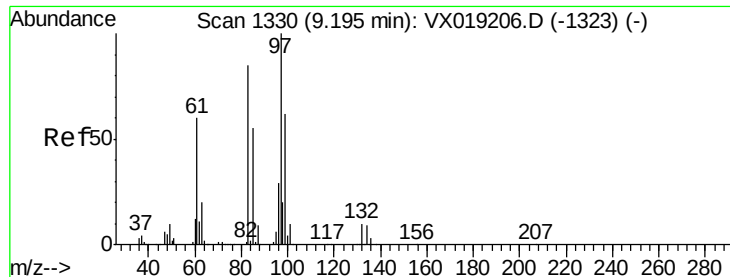
Tgt Ion: 75 Resp: 1186633

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6

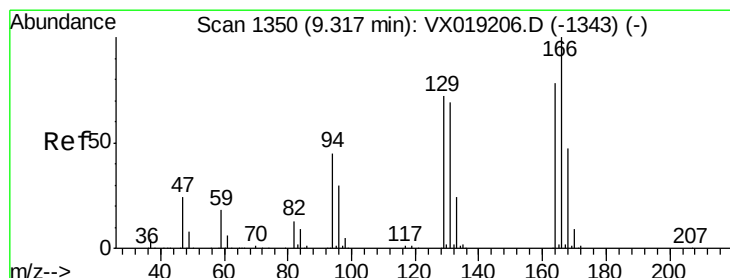
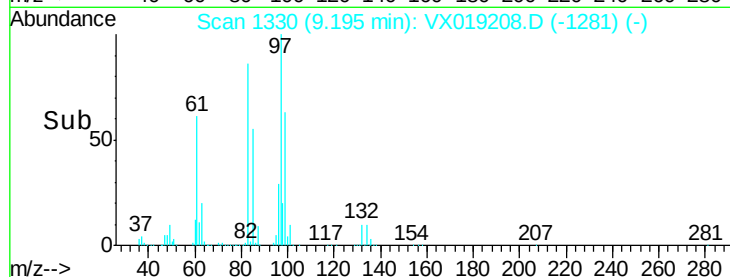
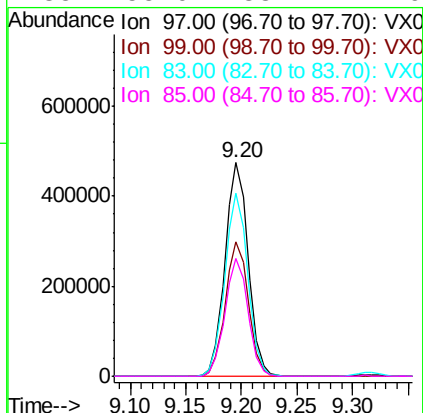
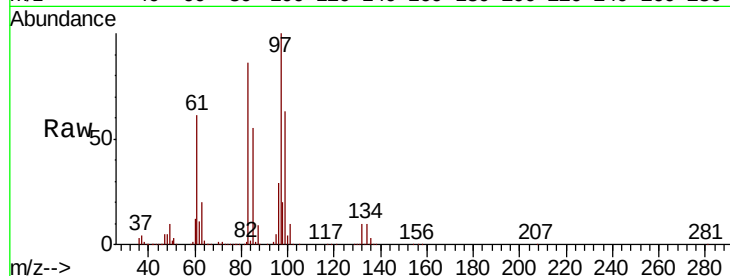




#45
 1,1,2-Trichloroethane
 Concen: 215.675 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

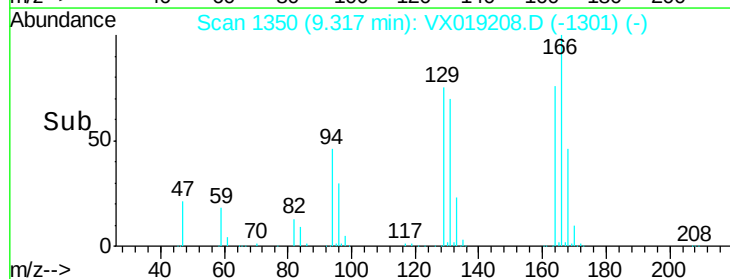
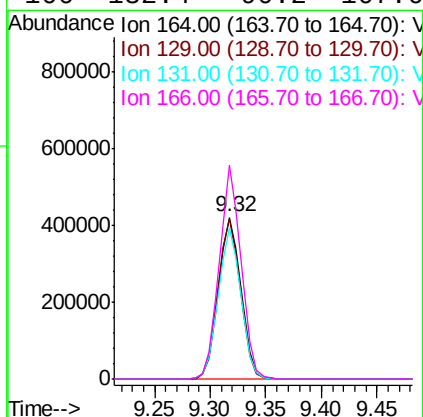
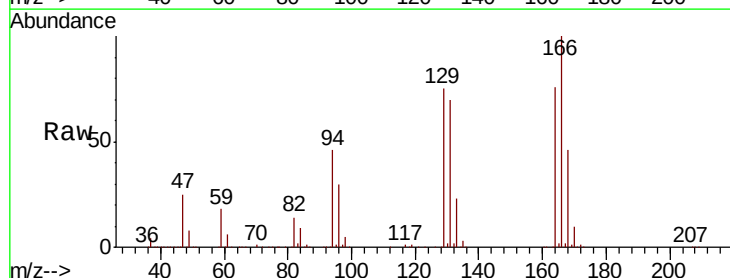
Instrument :
 MSVOA_X
 ClientSampleId :

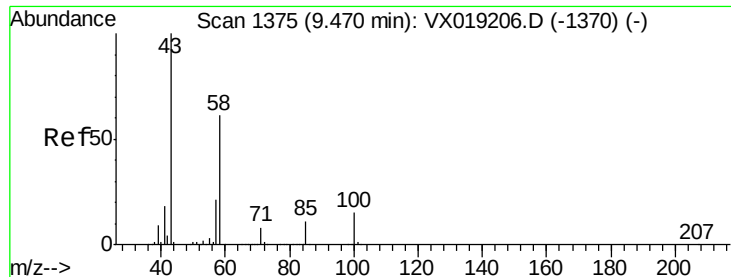
Tot Ion:	97	Resp:	682467
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.3
83	85.7	59.4	110.4
85	55.0	38.7	71.9



#46
 Tetrachloroethene
 Concen: 210.598 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion:	164	Resp:	591282
Ion	Ratio	Lower	Upper
164	100		
129	99.3	65.2	121.2
131	93.3	62.5	116.1
166	132.4	90.2	167.6

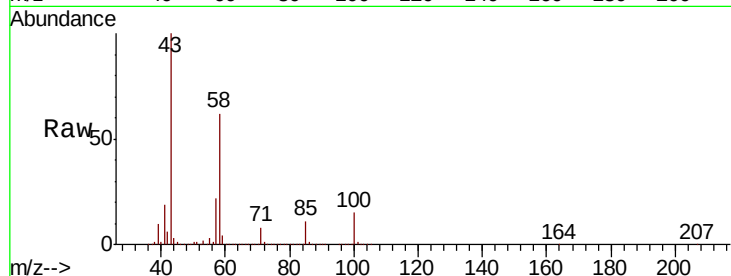




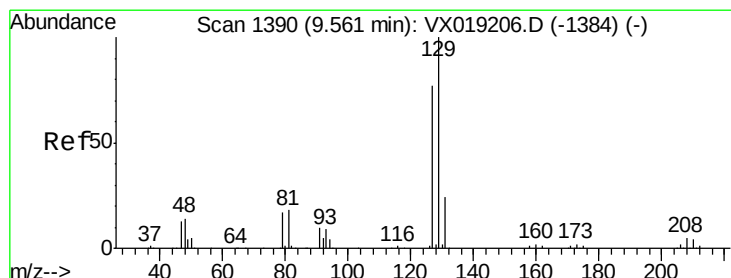
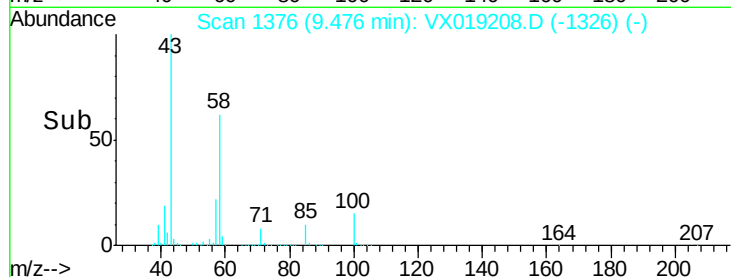
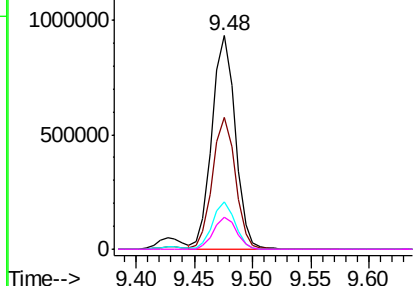
#48
2-Hexanone
Concen: 382.307 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1285770
Ion Ratio Lower Upper
43 100
58 61.0 48.2 72.2
57 21.5 17.1 25.7
100 14.9 11.8 17.8

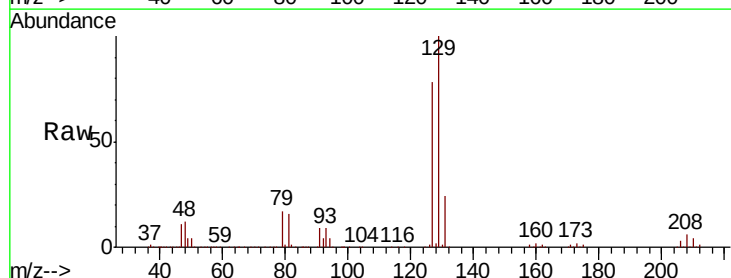


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

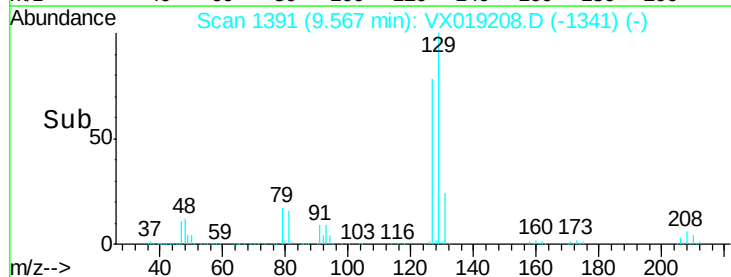
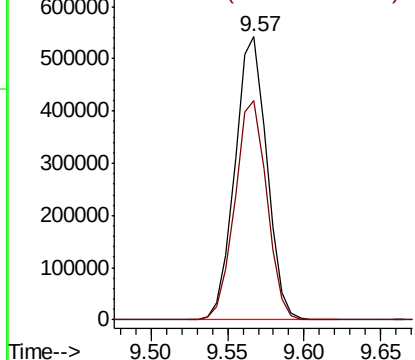


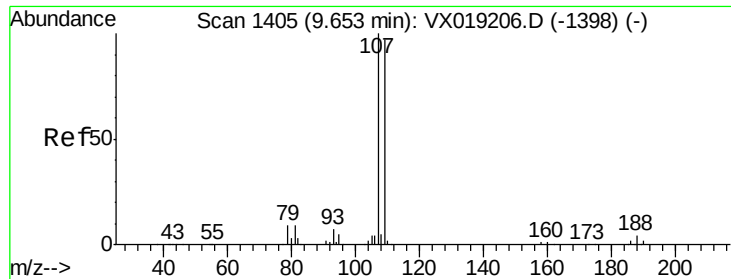
#49
Dibromochloromethane
Concen: 200.982 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 129 Resp: 784680
Ion Ratio Lower Upper
129 100
127 77.6 54.0 100.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

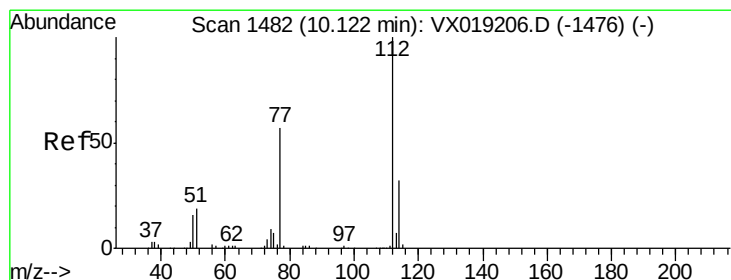
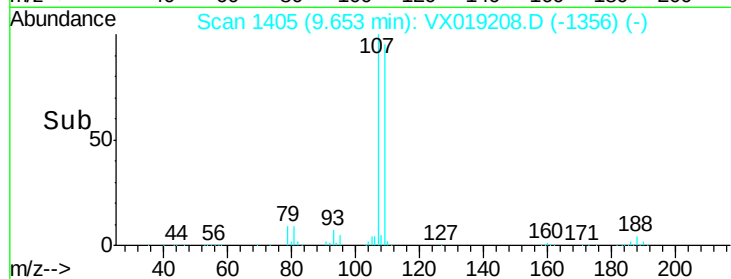
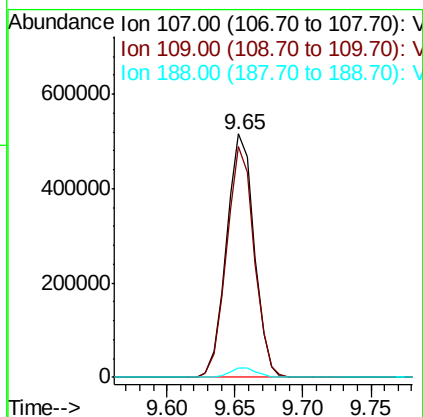
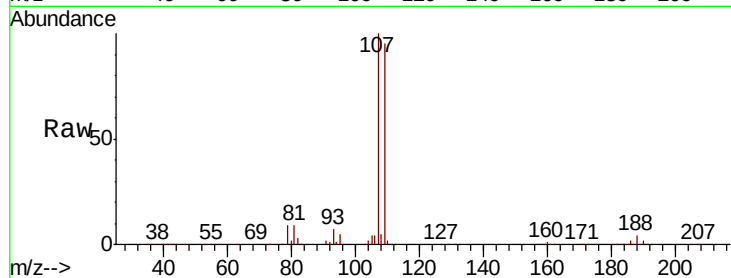




#50
 1,2-Dibromoethane
 Concen: 211.090 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

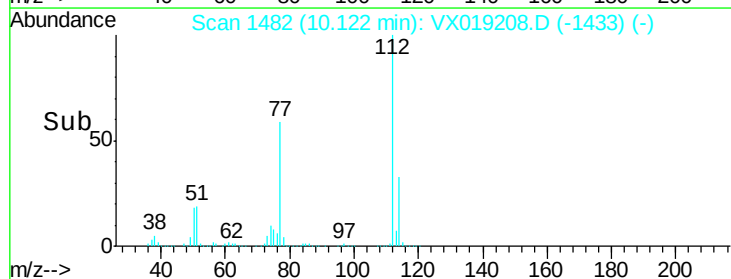
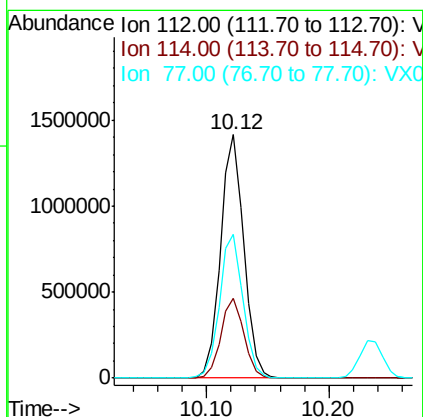
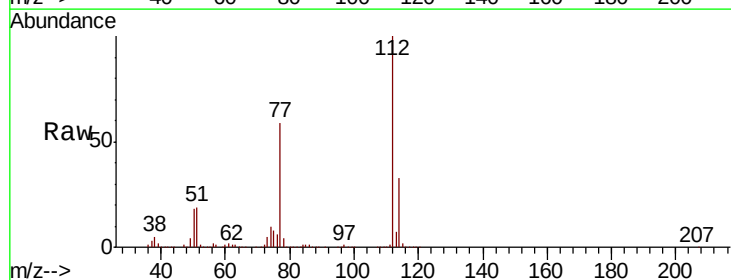
Instrument :
 MSVOA_X
 ClientSampleId :

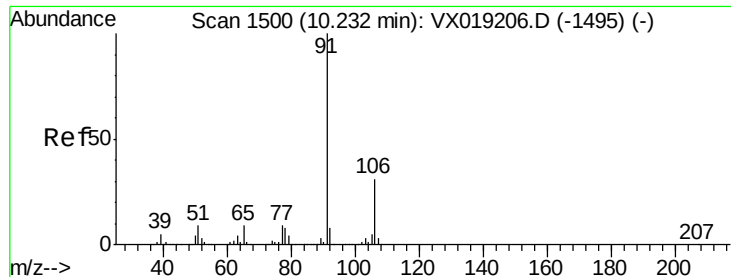
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	68.1	126.5
188	3.7	3.0	4.4



#51
 Chlorobenzene
 Concen: 208.025 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.2	41.2
77	59.0	46.2	69.4

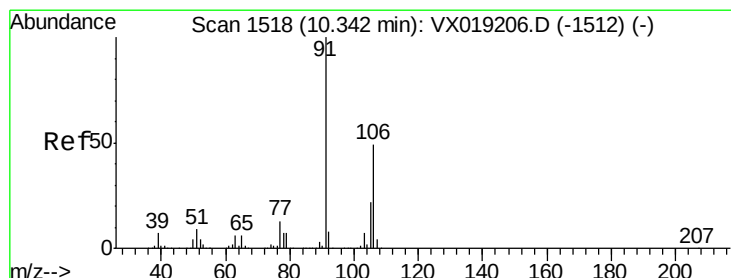
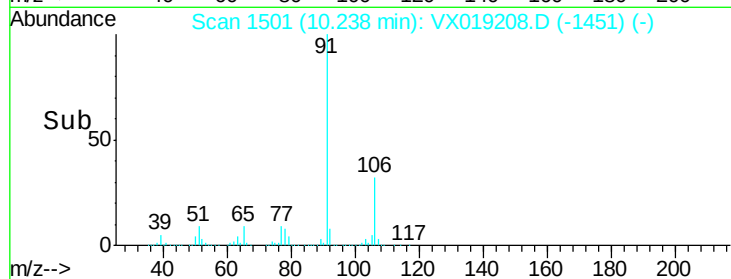
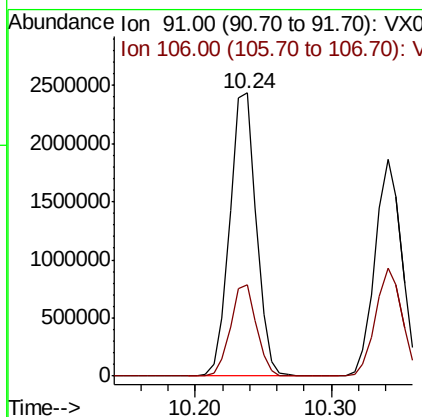
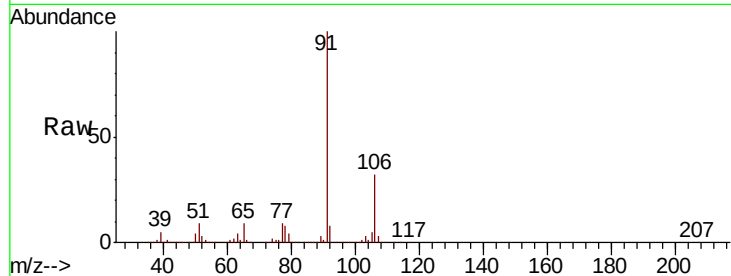




#52
Ethylbenzene
Concen: 220.836 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

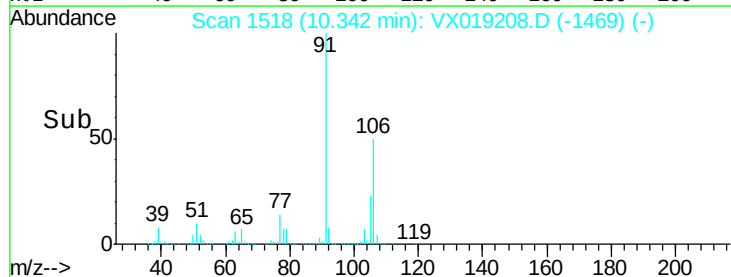
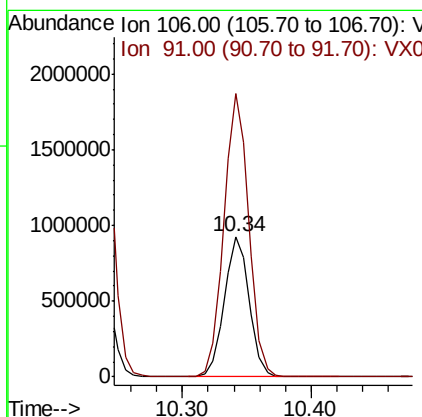
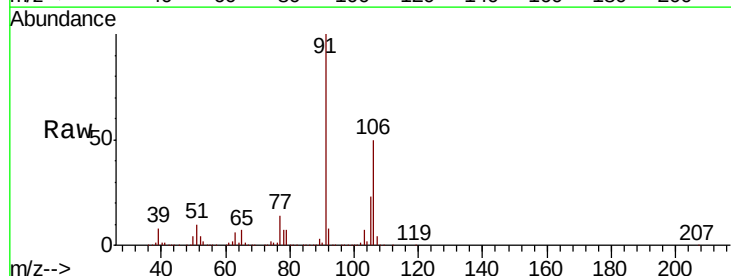
Instrument :
MSVOA_X
ClientSampleId :

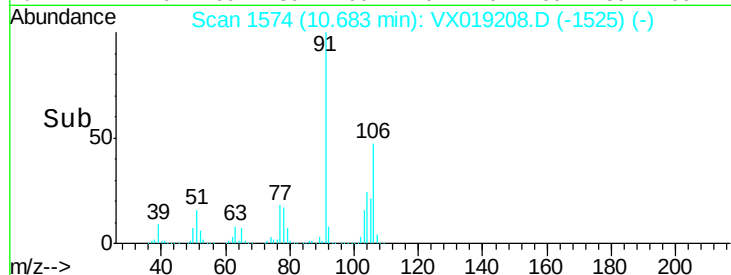
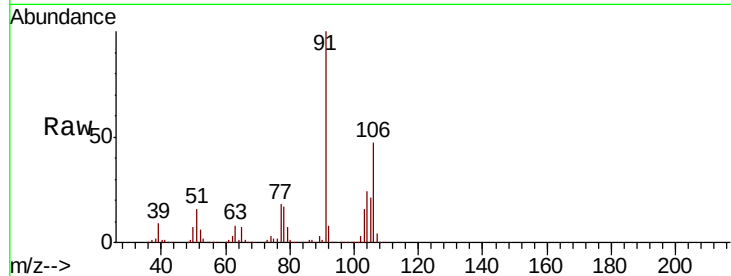
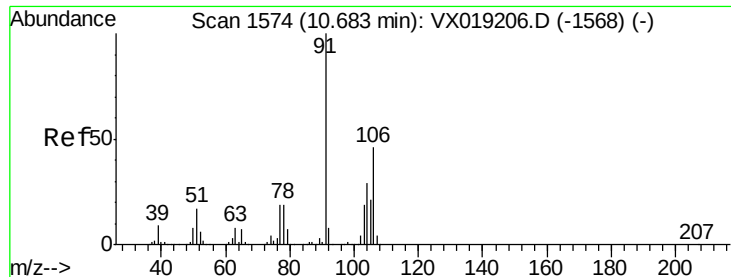
Tot Ion: 91 Resp: 3303950
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 222.143 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion: 106 Resp: 1260849
Ion Ratio Lower Upper
106 100
91 201.3 144.2 267.8

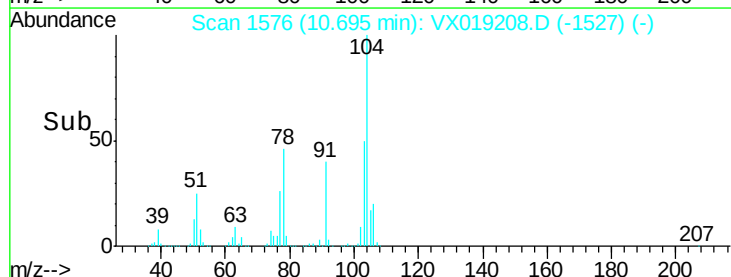
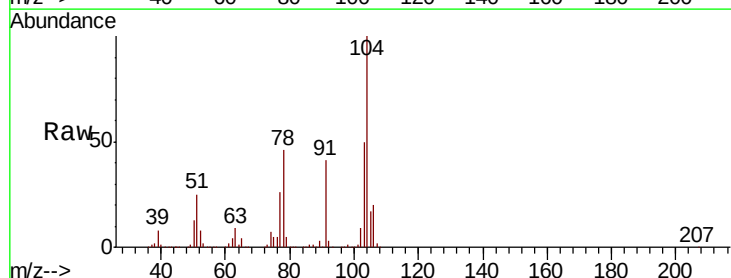
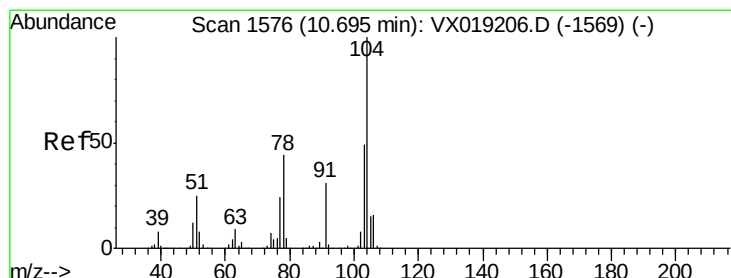
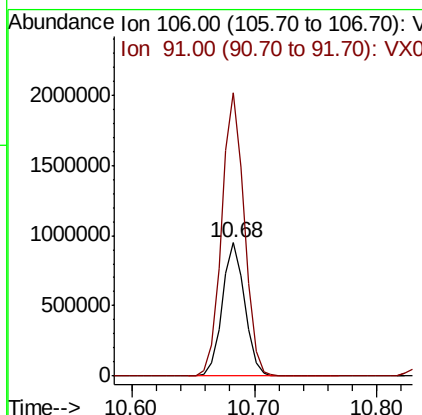




#54
o-Xylene
Concen: 220.086 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

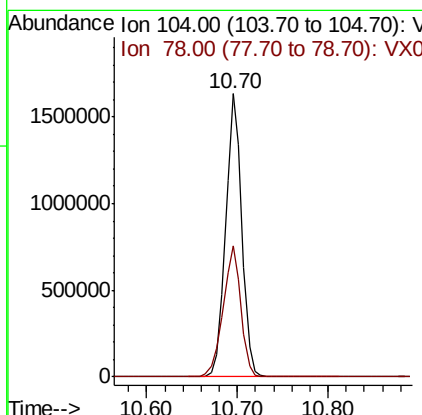
Instrument :
MSVOA_X
ClientSampled :

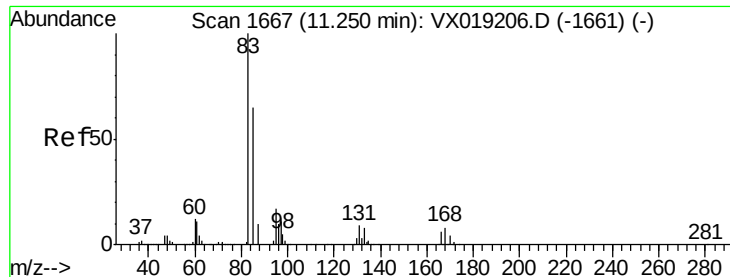
Tot Ion:106 Resp: 1202337
Ion Ratio Lower Upper
106 100
91 212.7 153.3 284.7



#55
Styrene
Concen: 217.649 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019208.D
Acq: 02 Nov 2020 12:23

Tgt Ion:104 Resp: 2048908
Ion Ratio Lower Upper
104 100
78 46.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 195.495 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

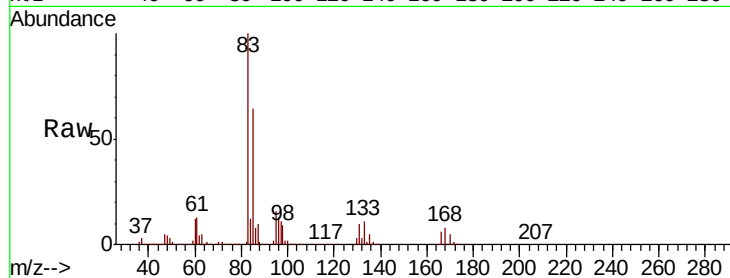
Tot Ion: 83 Resp: 934882

Ion Ratio Lower Upper

83 100

85 64.3 45.9 85.3

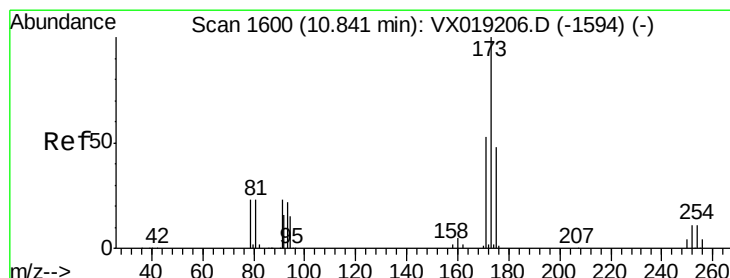
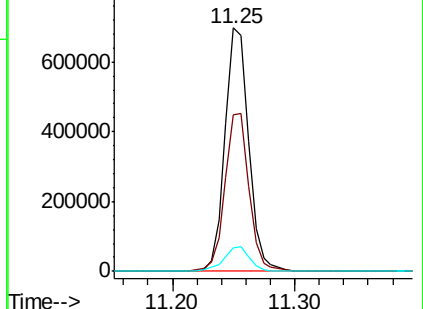
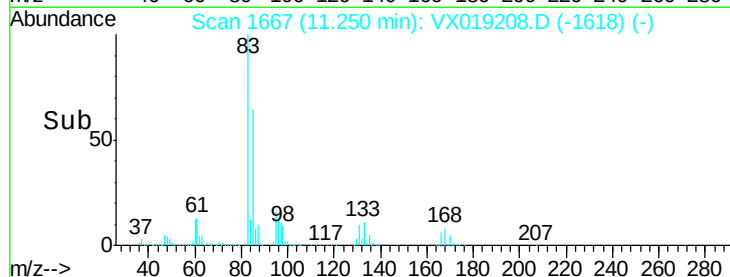
131 9.7 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX019208.D (-1618) (-)

Ion 85.00 (84.70 to 85.70): VX019208.D (-1618) (-)

Ion 131.00 (130.70 to 131.70): VX019208.D (-1618) (-)



#59

Bromoform

Concen: 194.445 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

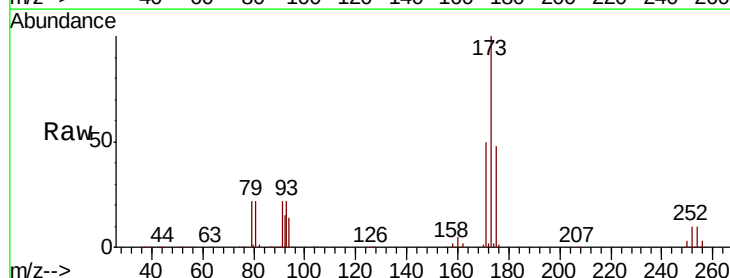
Tgt Ion: 173 Resp: 532637

Ion Ratio Lower Upper

173 100

175 49.1 39.7 59.5

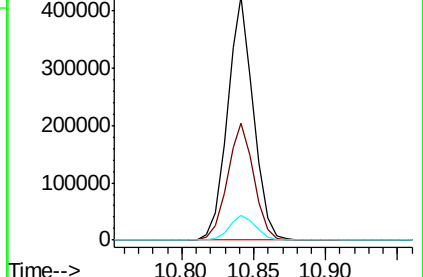
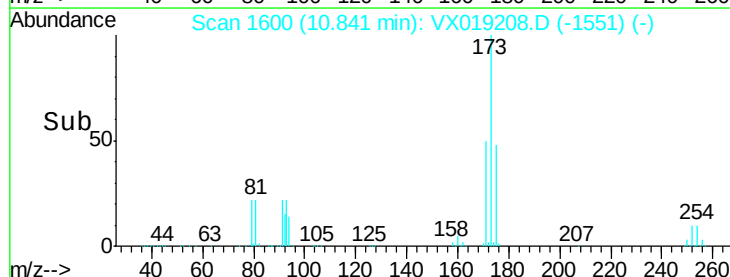
254 10.3 8.2 12.4

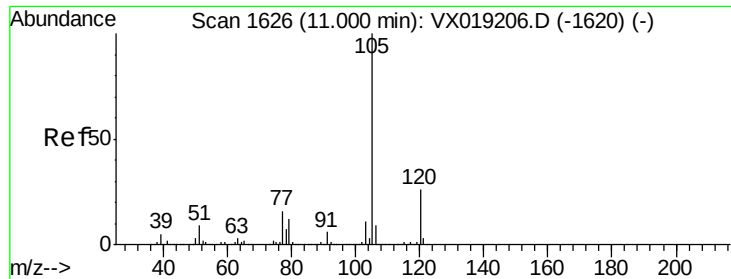


Abundance Ion 173.00 (172.70 to 173.70): VX019208.D (-1551) (-)

Ion 175.00 (174.70 to 175.70): VX019208.D (-1551) (-)

Ion 254.00 (253.70 to 254.70): VX019208.D (-1551) (-)





#60

Isopropylbenzene

Concen: 225.900 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

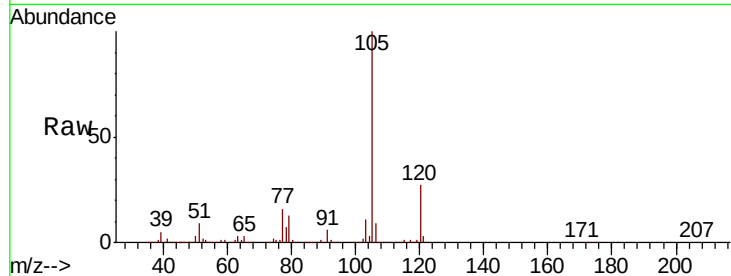
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:105 Resp: 3154267

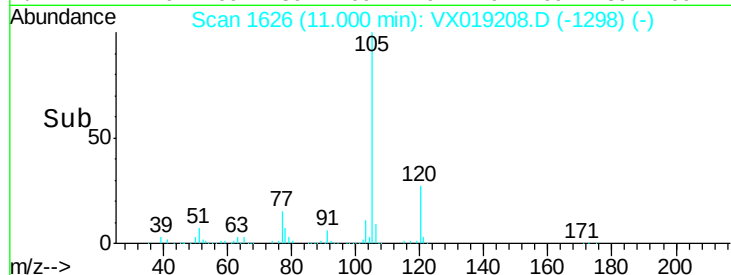
Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.1	31.7
77	15.9	12.6	19.0



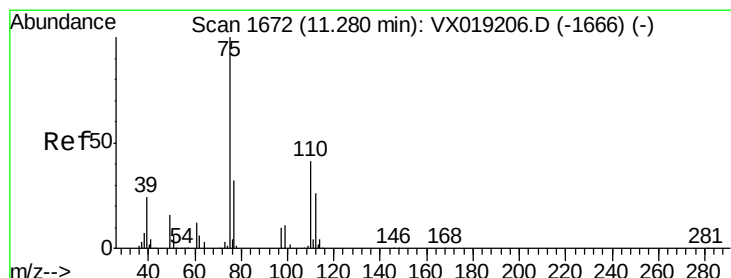
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#61

1,2,3-Trichloropropane

Concen: 196.165 ug/L

RT: 11.28 min Scan# 1672

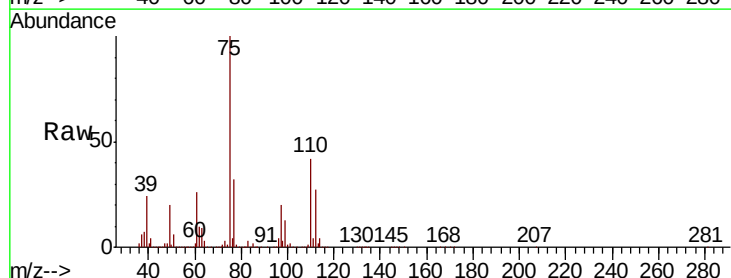
Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Tgt Ion: 75 Resp: 761172

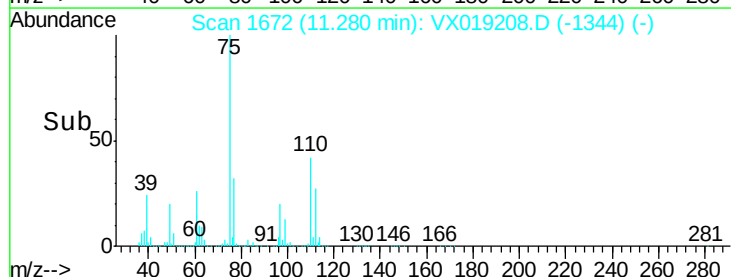
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0
110	41.4	32.2	48.2



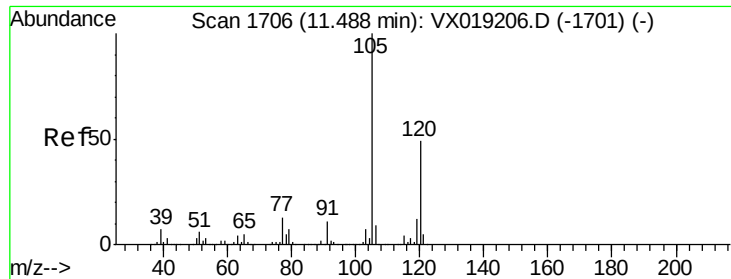
Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V



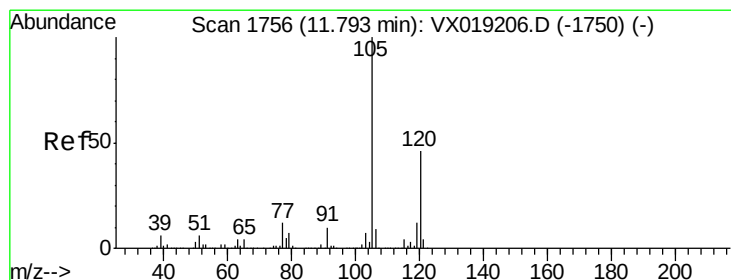
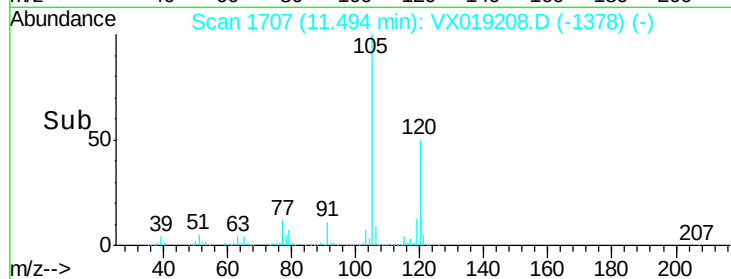
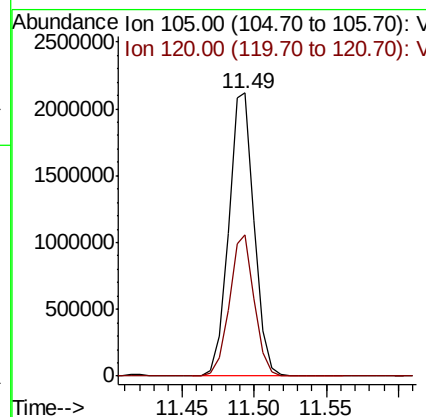
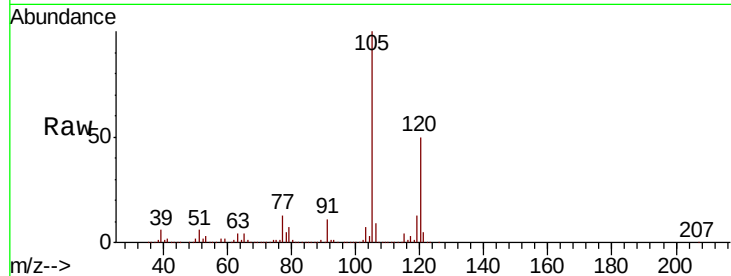
Time-->



#62
 1,3,5-Trimethylbenzene
 Concen: 228.127 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

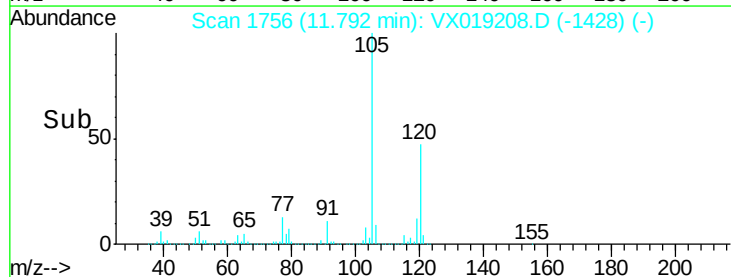
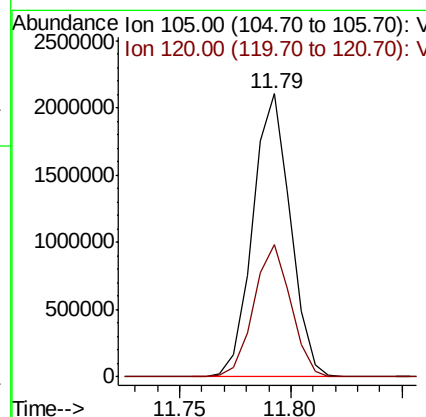
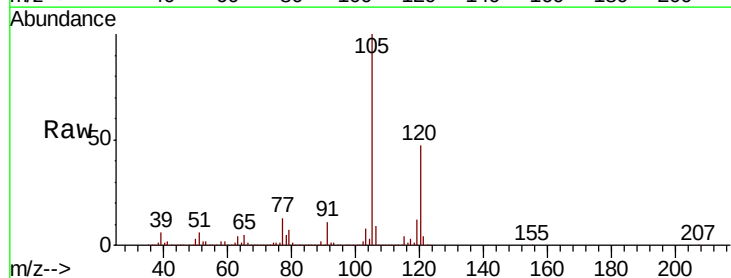
Instrument :
 MSVOA_X
 ClientSampled :

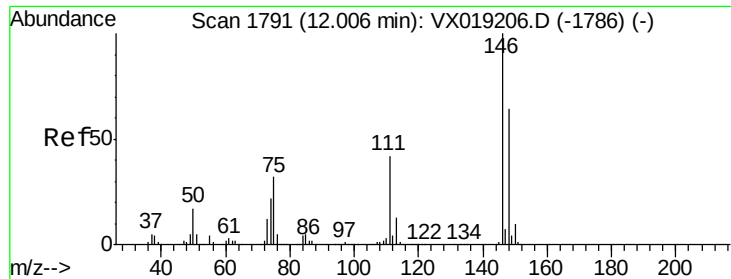
Tot Ion:105 Resp: 2629041
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 215.109 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion:105 Resp: 2483359
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.0 54.0

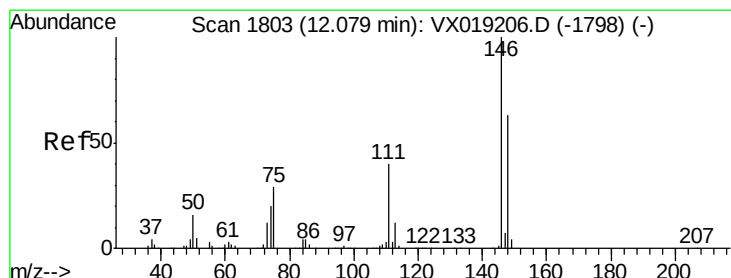
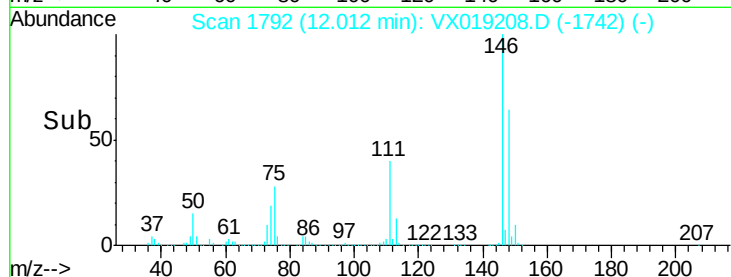
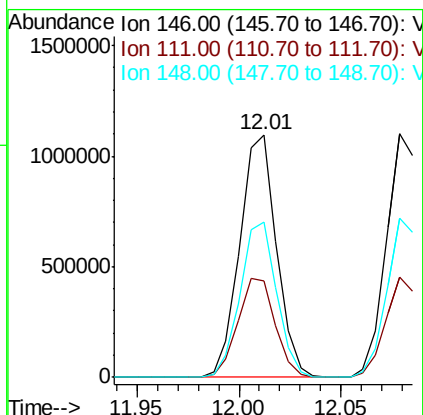
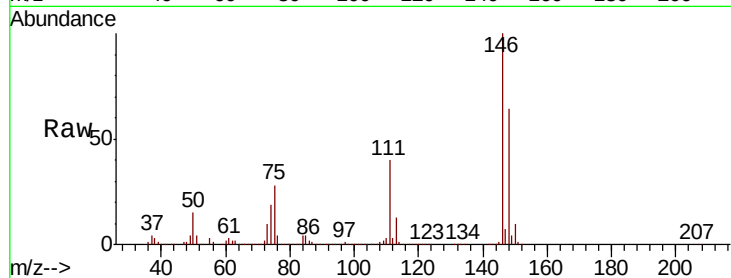




#64
 1,3-Dichlorobenzene
 Concen: 203.745 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

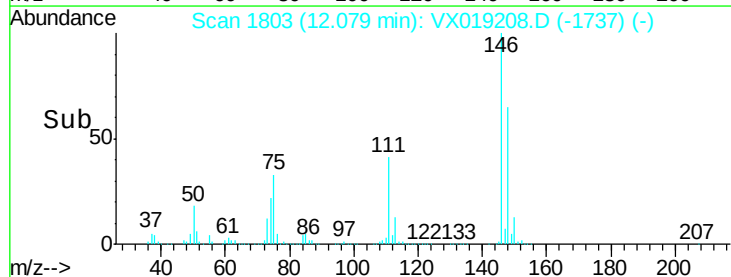
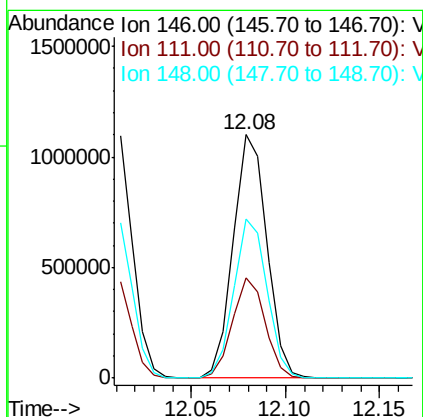
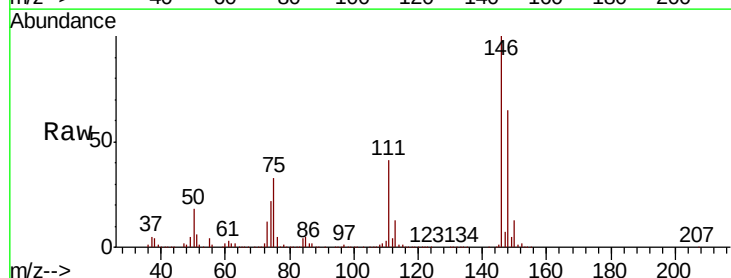
Instrument :
 MSVOA_X
 ClientSampled :

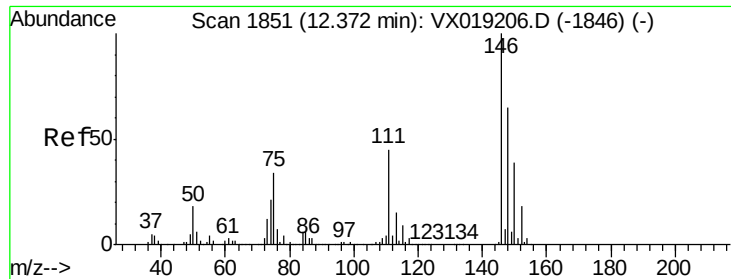
Tot Ion:146 Resp: 1369273
 Ion Ratio Lower Upper
 146 100
 111 39.7 29.7 55.1
 148 63.7 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 201.145 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion:146 Resp: 1364553
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.1 52.3
 148 65.2 43.8 81.4

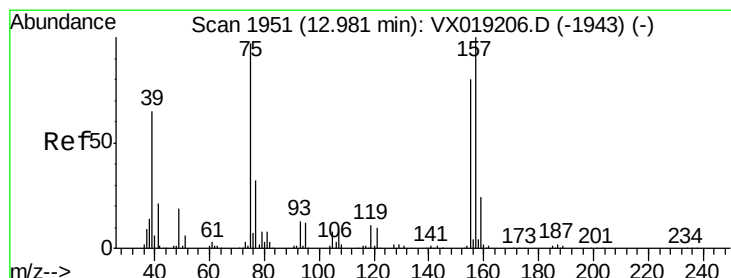
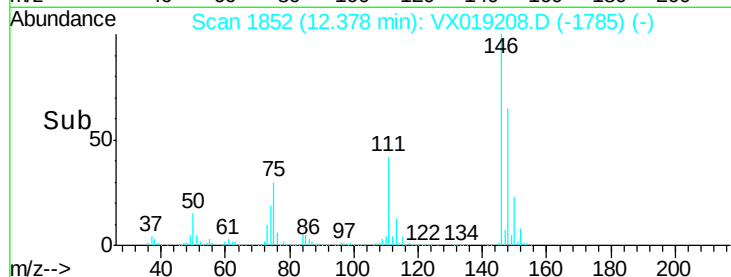
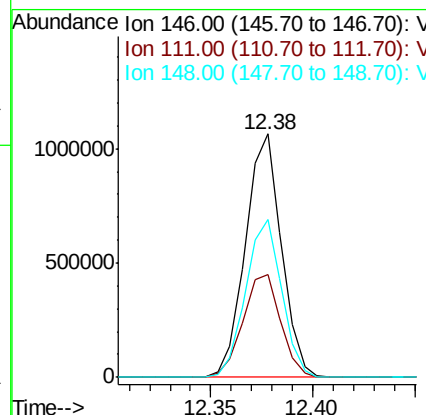
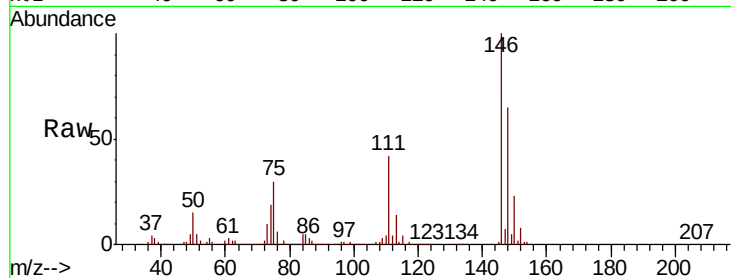




#67
 1,2-Dichlorobenzene
 Concen: 201.076 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

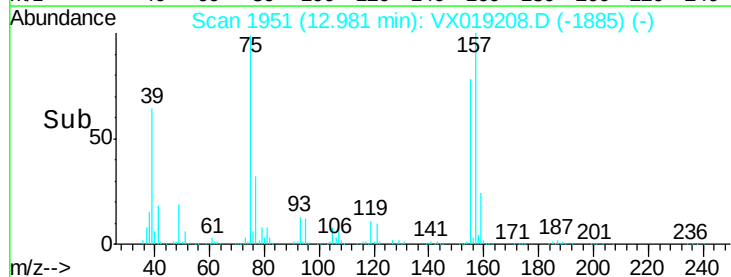
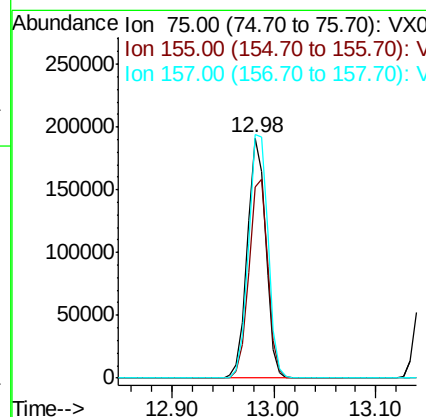
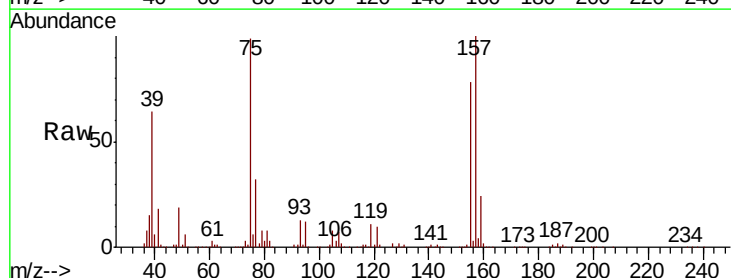
Instrument :
 MSVOA_X
 ClientSampleId :

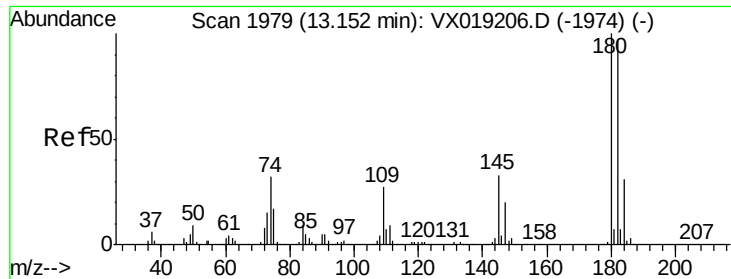
Tot Ion:146 Resp: 1301424
 Ion Ratio Lower Upper
 146 100
 111 42.2 35.9 53.9
 148 64.8 52.2 78.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 214.180 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion: 75 Resp: 238259
 Ion Ratio Lower Upper
 75 100
 155 79.4 65.8 98.8
 157 101.4 82.6 123.8

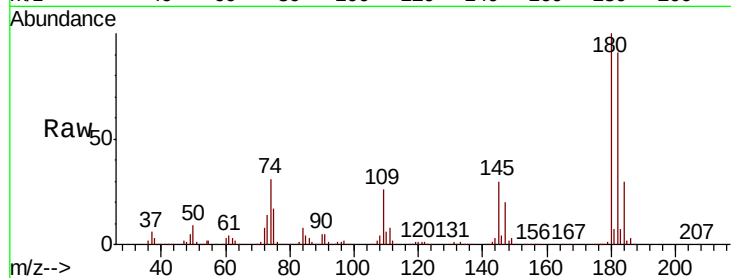




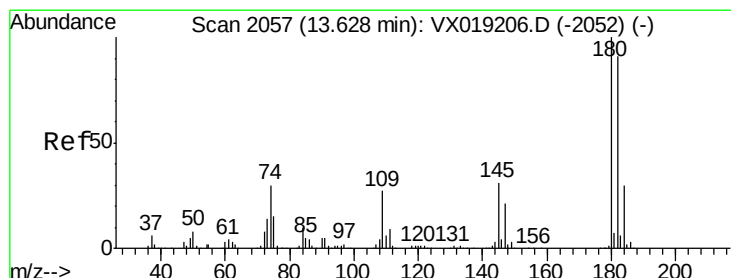
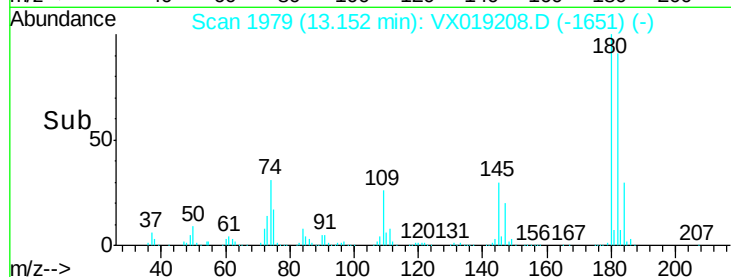
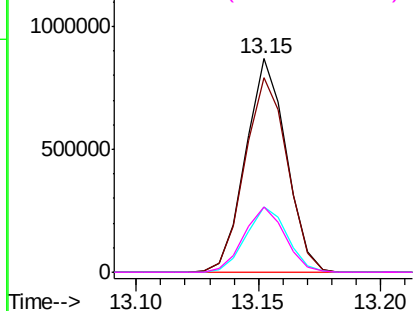
#69
 1,3,5-Trichlorobenzene
 Concen: 223.428 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1008842
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.8 118.2
 184 30.9 25.2 37.8
 145 30.9 25.8 38.6

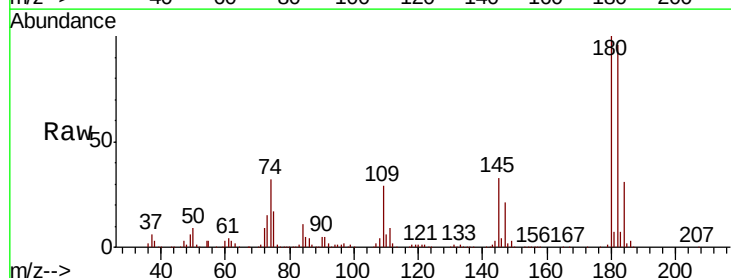


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

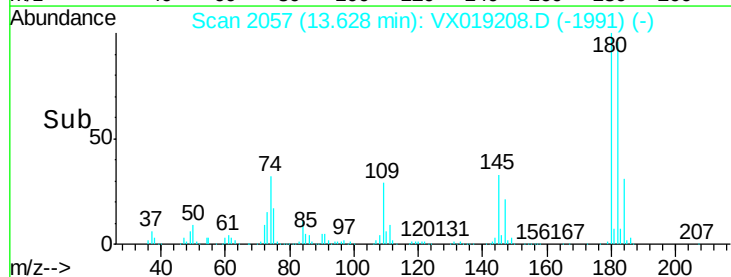
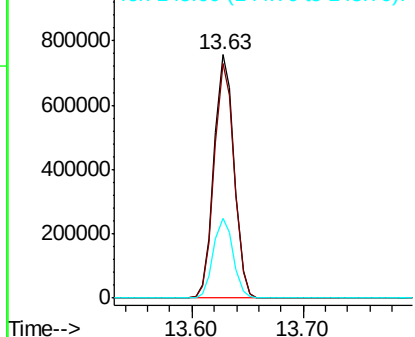


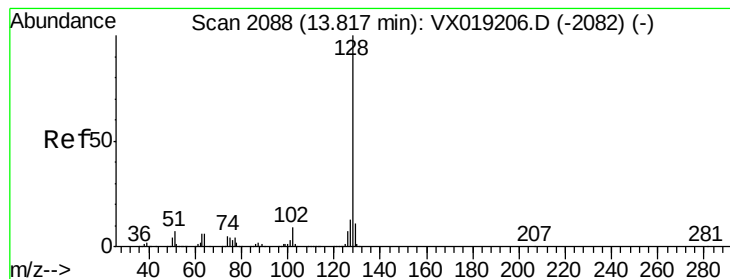
#70
 1,2,4-trichlorobenzene
 Concen: 226.246 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019208.D
 Acq: 02 Nov 2020 12:23

Tgt Ion:180 Resp: 943272
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.6 111.8
 145 32.4 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#71

Naphthalene

Concen: 243.151 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

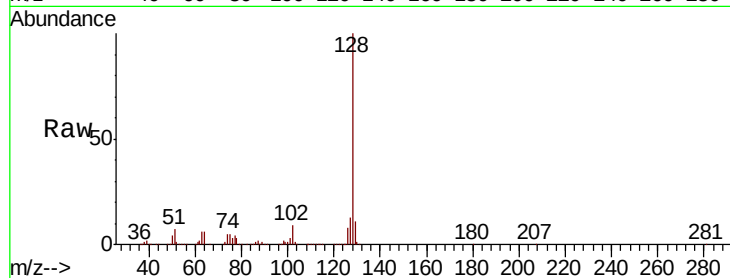
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 3161138

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.5	12.7

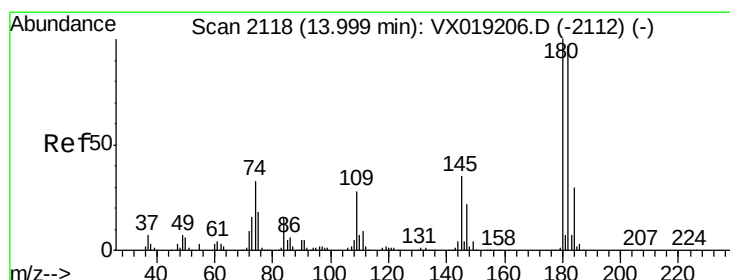
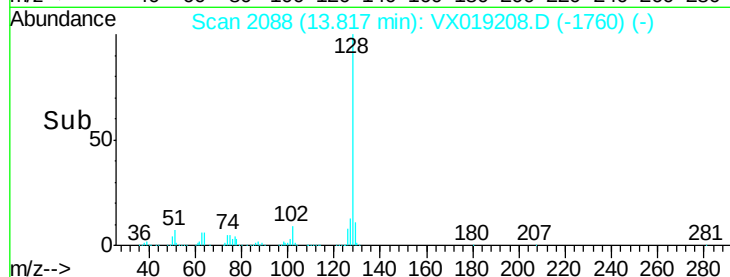
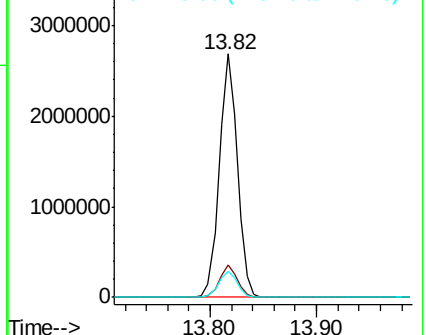


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 227.912 ug/L

RT: 14.00 min Scan# 2118

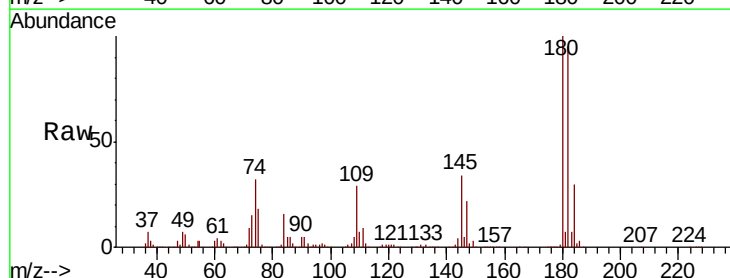
Delta R.T. -0.00 min

Lab File: VX019208.D

Acq: 02 Nov 2020 12:23

Tgt Ion:180 Resp: 937216

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	34.0	27.1	40.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

