

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019304.D
 Acq On : 05 Nov 2020 11:33
 Operator : JC/MD
 Sample : L4621-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 01:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	204890	55.70	ug/l	0.00
Spiked Amount			Recovery	=	111.40%	
35) Dibromofluoromethane	5.46	113	159915	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
50) Toluene-d8	8.70	98	622904	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.12	95	231462	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

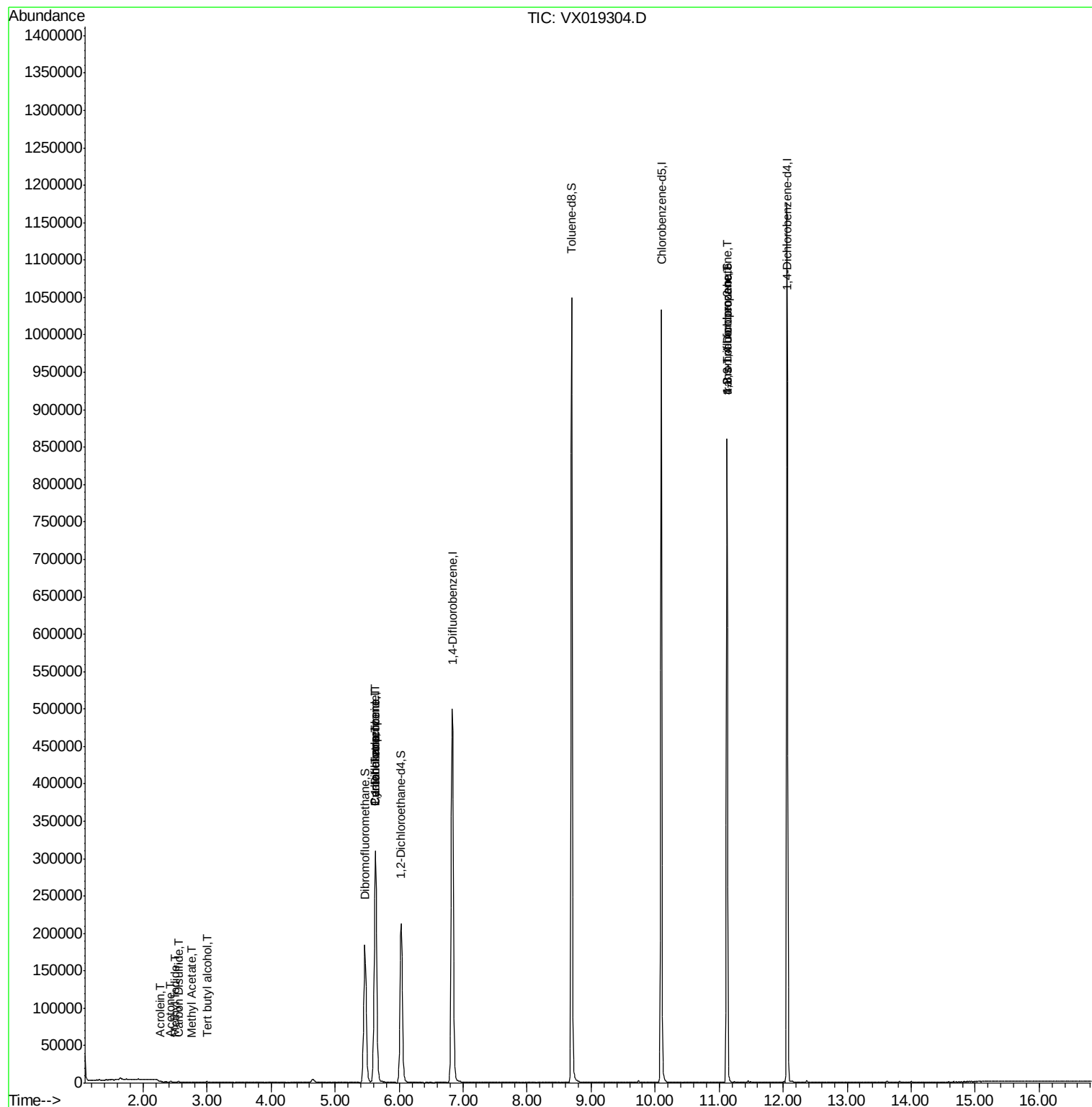
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	451	6.503	ug/l #	81
11) Tert butyl alcohol	3.00	59	689	0.948	ug/l #	72
13) Acrolein	2.28	56	135	6.054	ug/l #	77
16) Acetone	2.42	43	1044	0.823	ug/l #	73
17) Carbon Disulfide	2.56	76	1060	0.892	ug/l #	92
18) Methyl Acetate	2.76	43	681	0.221	ug/l #	52
31) Cyclohexane	5.63	56	6516	1.401	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24265	5.203	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29769	6.262	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	119937	25.316	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	119937	66.658	ug/l #	12

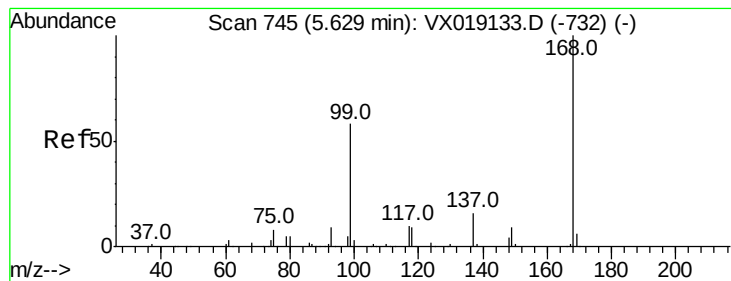
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

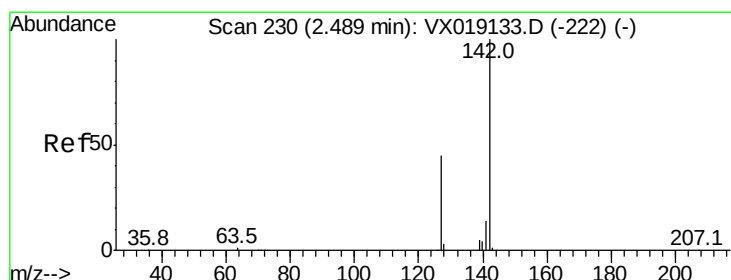
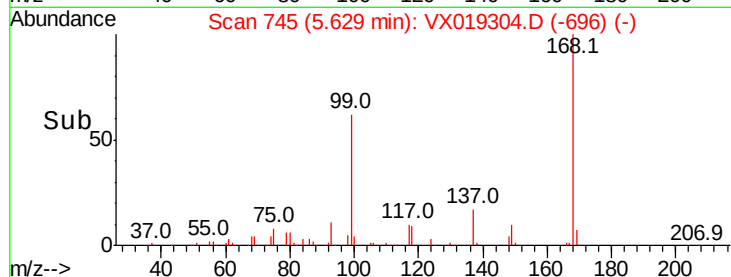
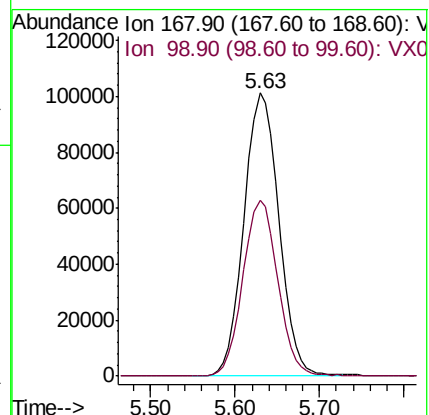
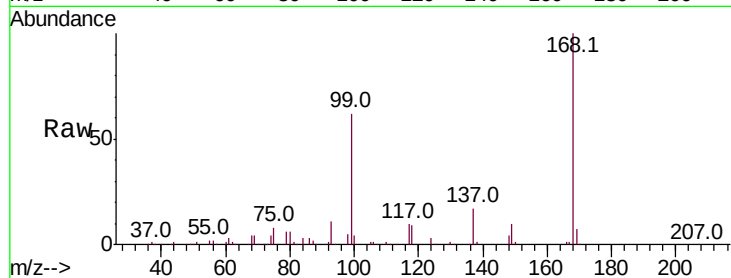
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 285235

Ion Ratio Lower Upper

168 100

99 62.2 46.6 69.8



#10

Methyl Iodide

Concen: 6.503 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

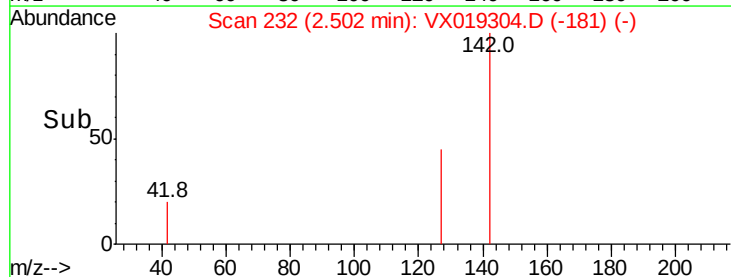
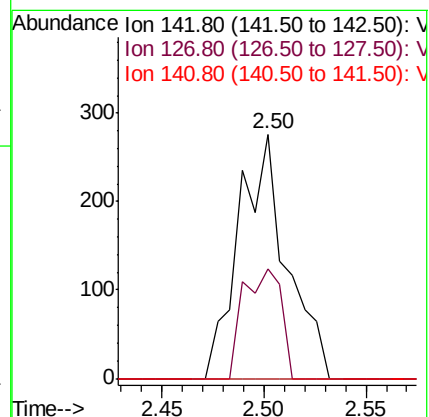
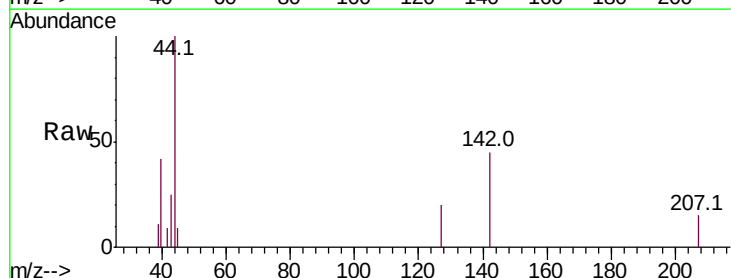
Tgt Ion:142 Resp: 451

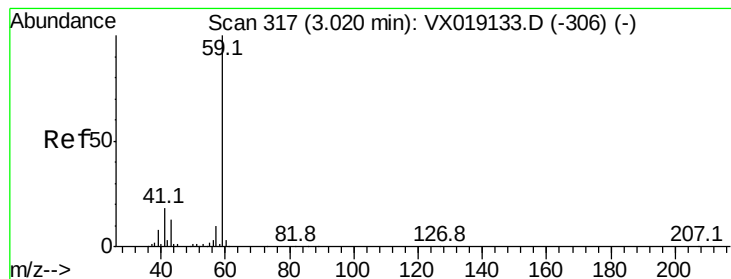
Ion Ratio Lower Upper

142 100

127 35.5 36.1 54.1#

141 0.0 11.3 16.9#



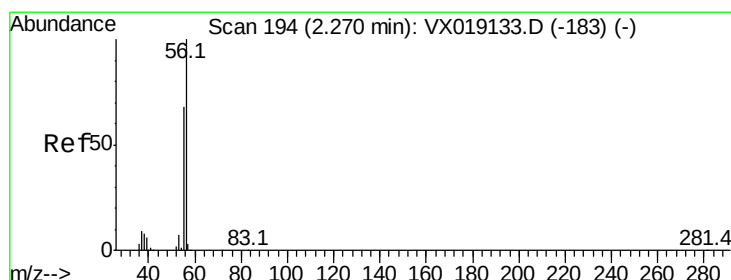
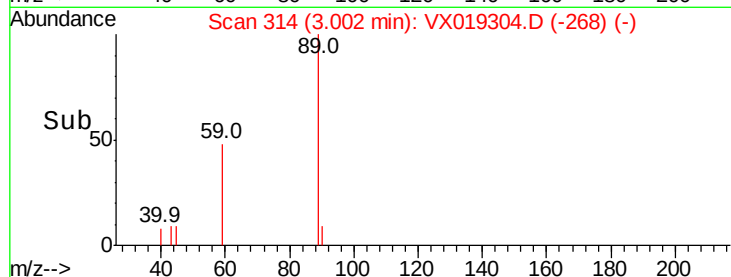
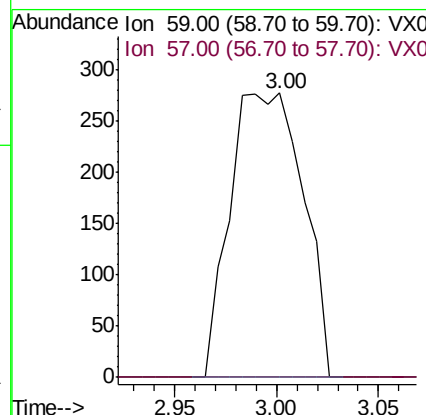
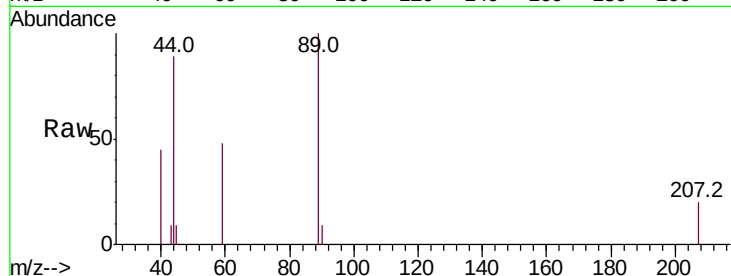


#11

Tert butyl alcohol
Concen: 0.948 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX019304.D
Acq: 05 Nov 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :

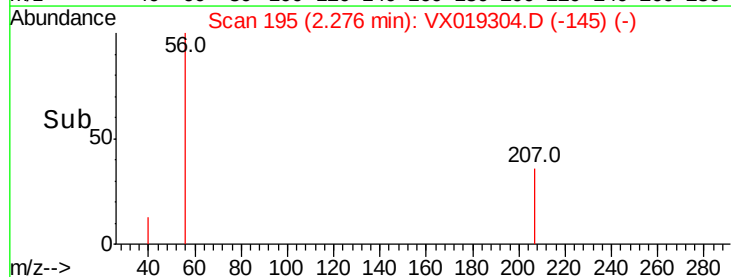
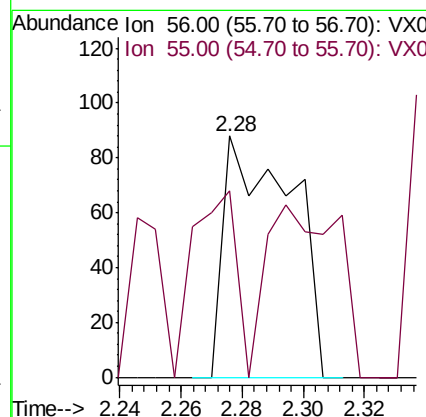
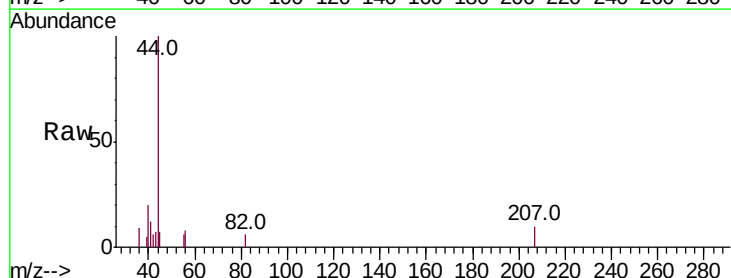
Tot Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

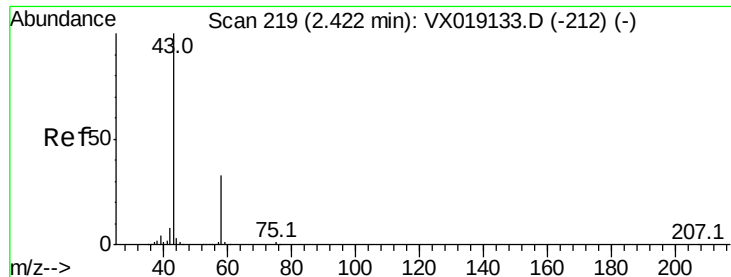


#13

Acrolein
Concen: 6.054 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019304.D
Acq: 05 Nov 2020 11:33

Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 49.6 54.7 82.1#





#16

Acetone

Concen: 0.823 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

Instrument :

MSVOA_X

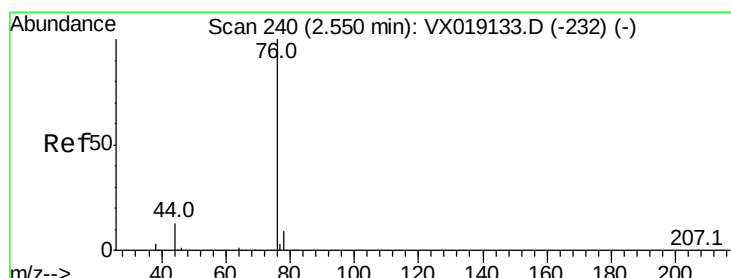
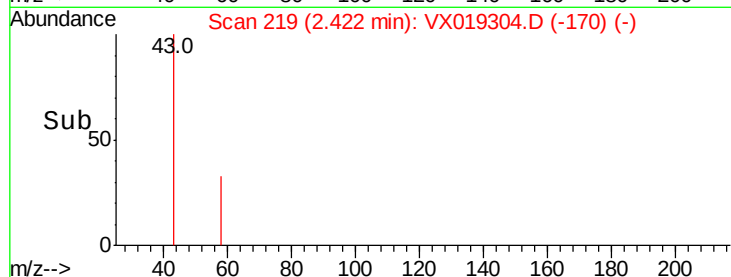
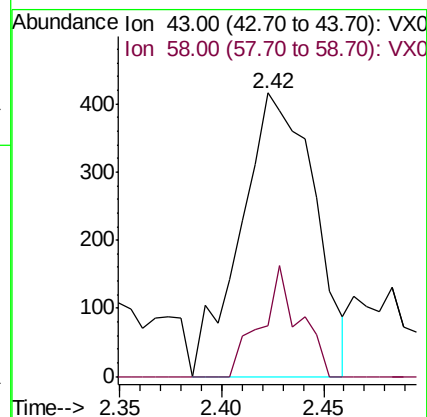
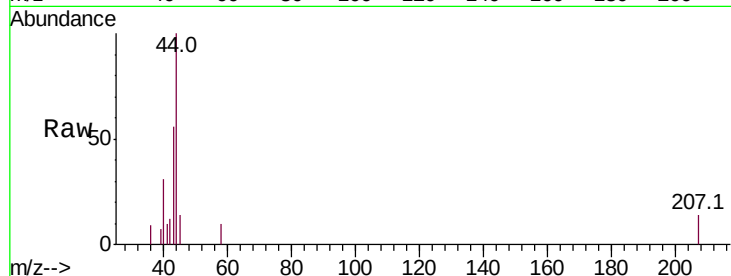
ClientSampled :

Tot Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

58 17.8 26.3 39.5#



#17

Carbon Disulfide

Concen: 0.892 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019304.D

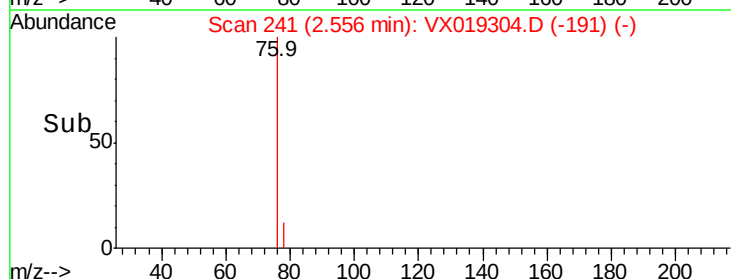
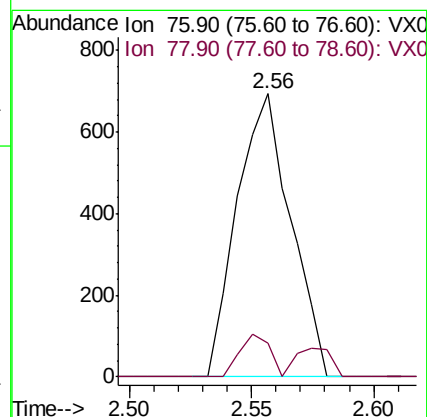
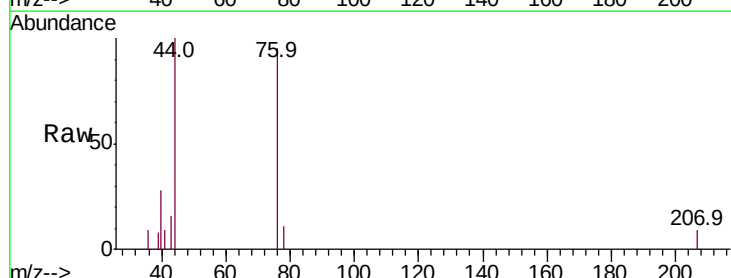
Acq: 05 Nov 2020 11:33

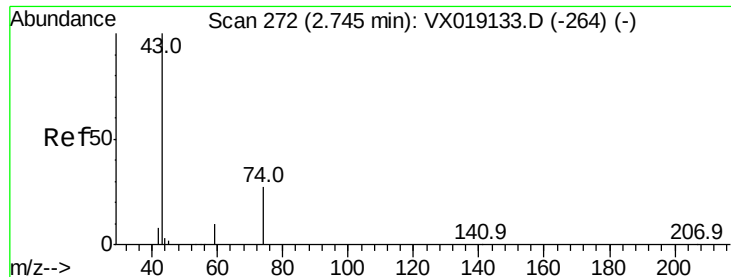
Tgt Ion: 76 Resp: 1060

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#

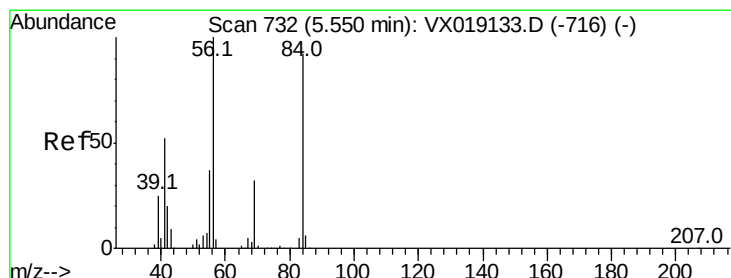
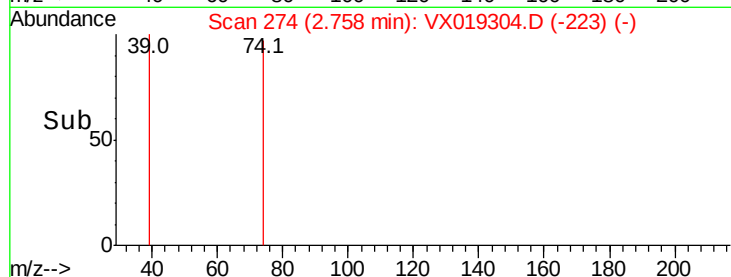
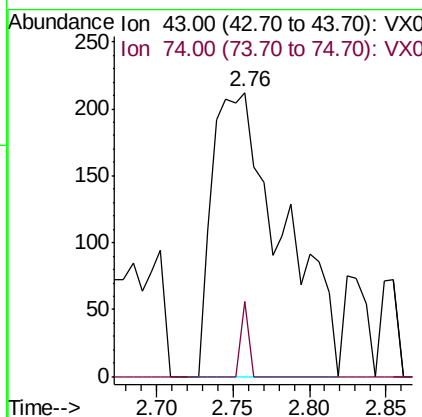
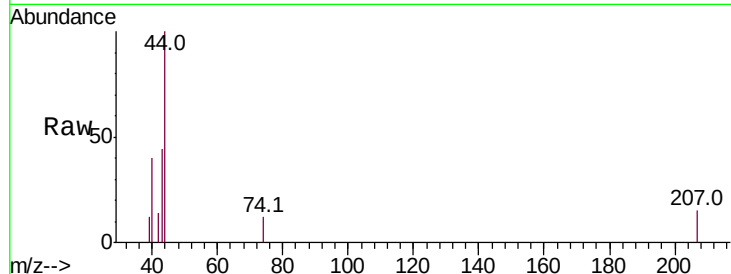




#18
Methvl Acetate
Concen: 0.221 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019304.D
Acq: 05 Nov 2020 11:33

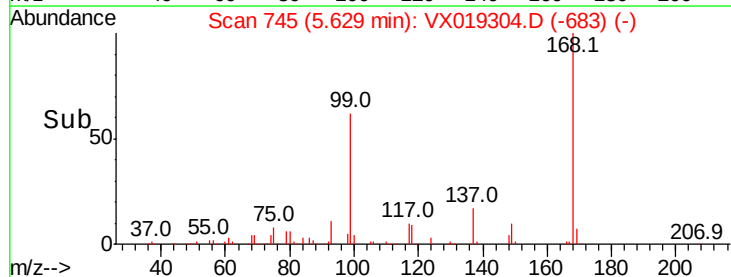
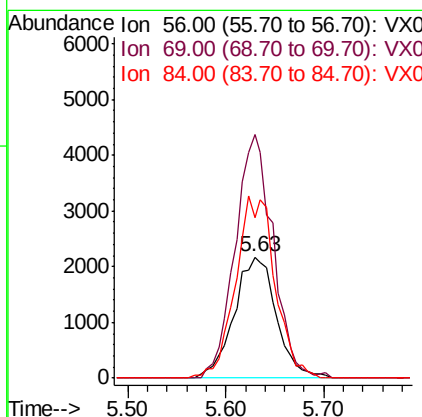
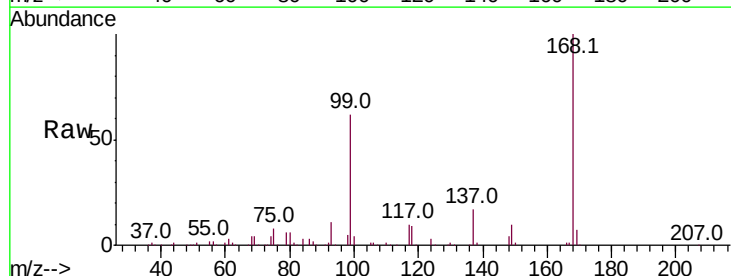
Instrument :
MSVOA_X
ClientSampleId :

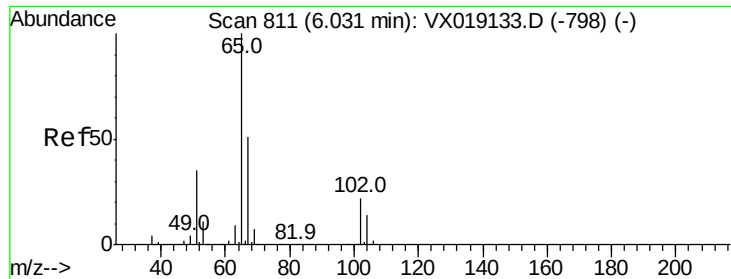
Tot Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
74 2.9 22.6 33.8#



#31
Cyclohexane
Concen: 1.401 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019304.D
Acq: 05 Nov 2020 11:33

Tgt Ion: 56 Resp: 6516
Ion Ratio Lower Upper
56 100
69 200.6 25.9 38.9#
84 132.0 73.4 110.2#

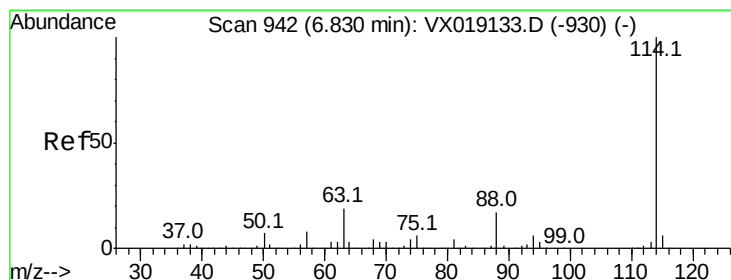
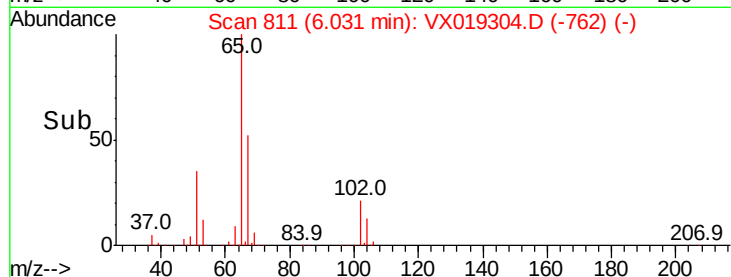
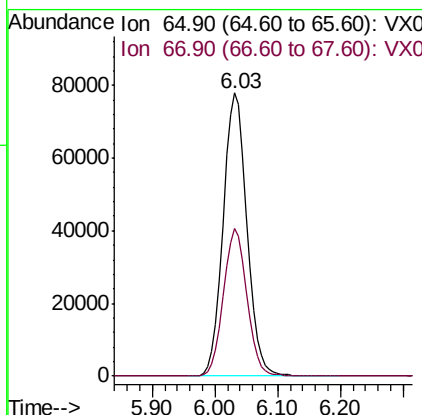
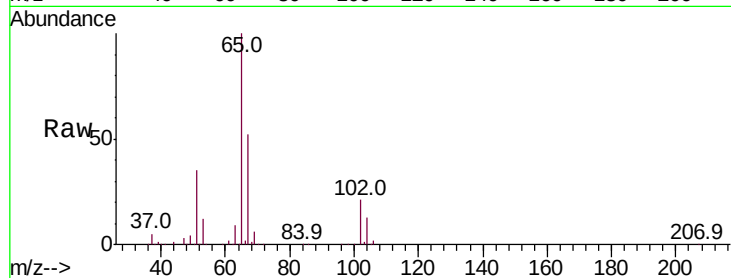




#33
 1,2-Dichloroethane-d4
 Concen: 55.700 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019304.D
 Acq: 05 Nov 2020 11:33

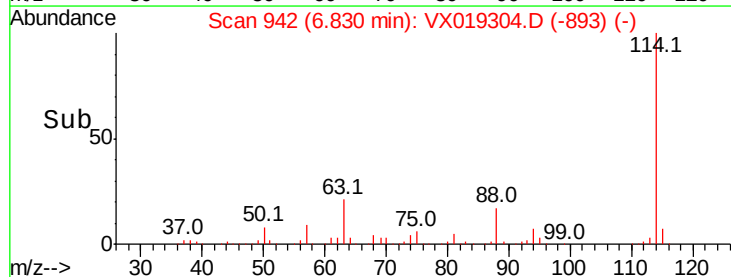
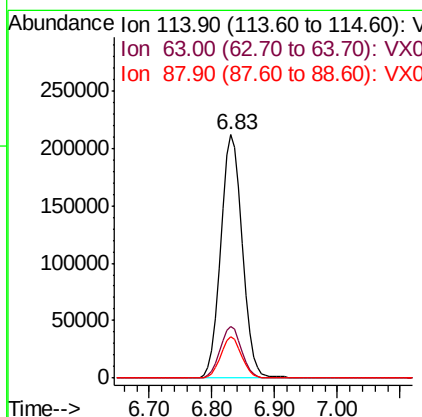
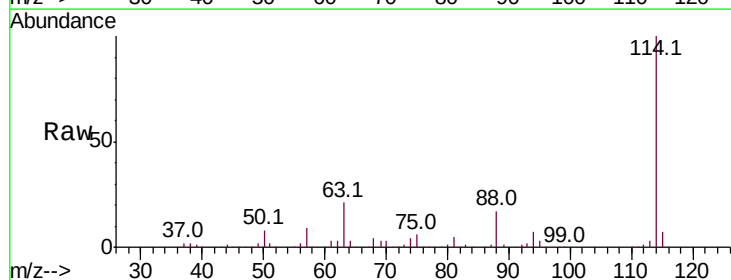
Instrument :
 MSVOA_X
 ClientSampleId :

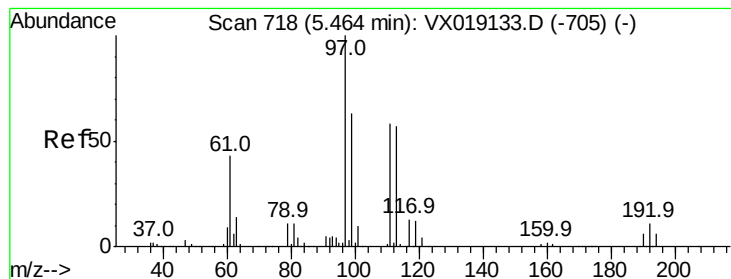
Tot Ion: 65 Resp: 204890
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019304.D
 Acq: 05 Nov 2020 11:33

Tgt Ion: 114 Resp: 505058
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.8
 88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.407 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

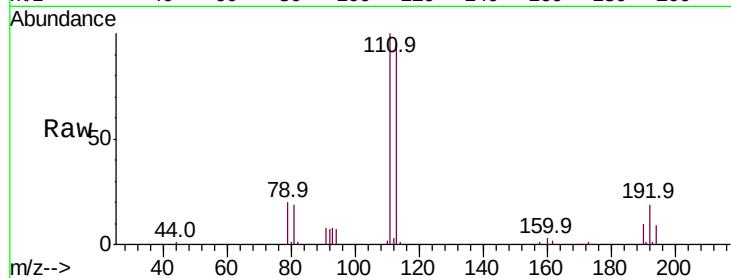
Tot Ion:113 Resp: 159915

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

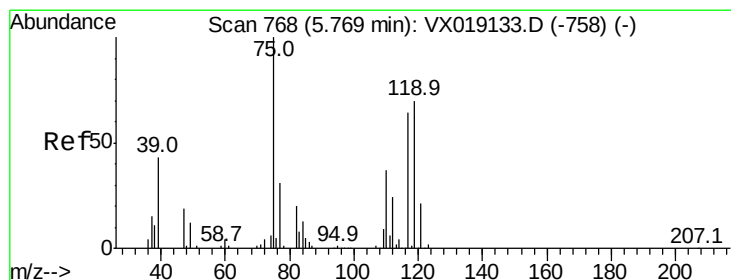
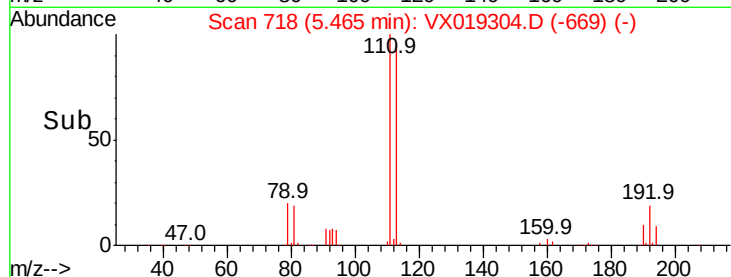
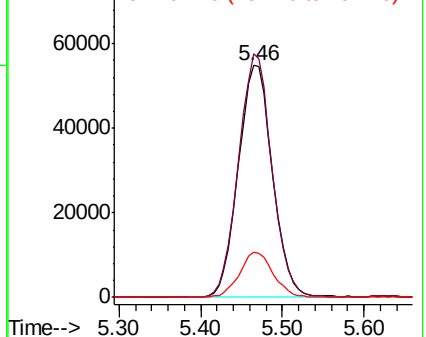
192 19.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

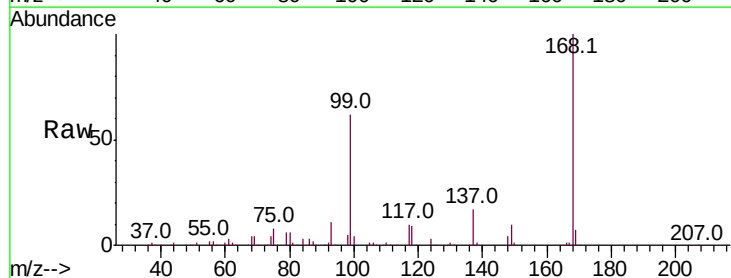
Tgt Ion: 75 Resp: 24265

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.9#

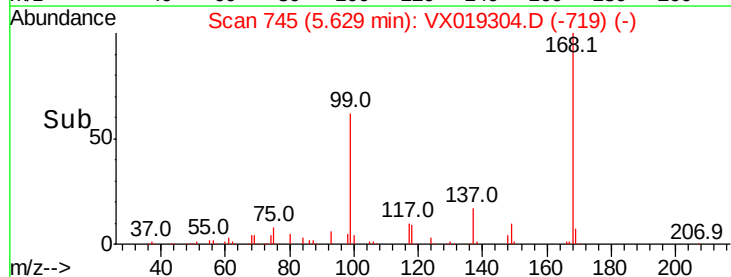
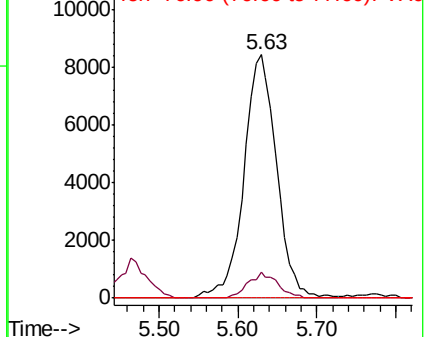
77 0.0 24.9 37.3#

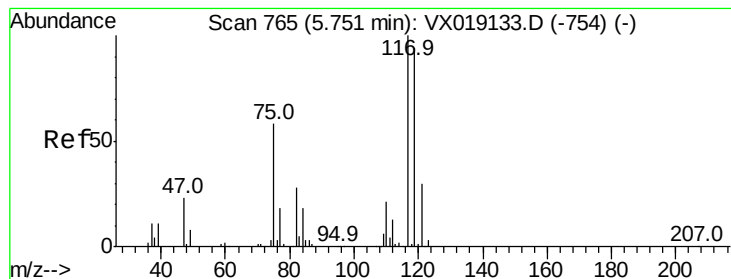


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.262 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

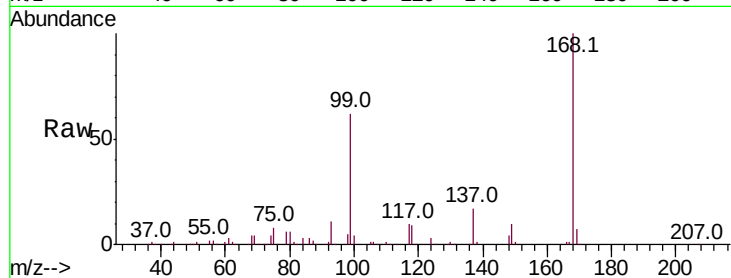
Tot Ion:117 Resp: 29769

Ion Ratio Lower Upper

117 100

119 4.4 75.0 112.6#

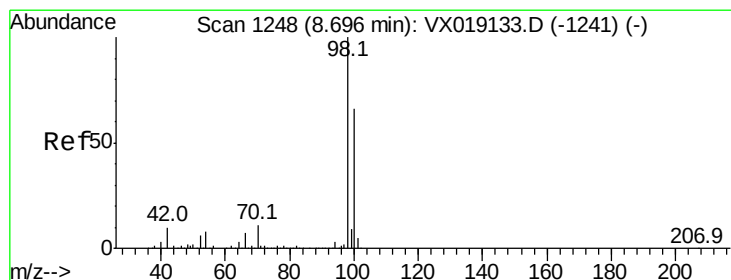
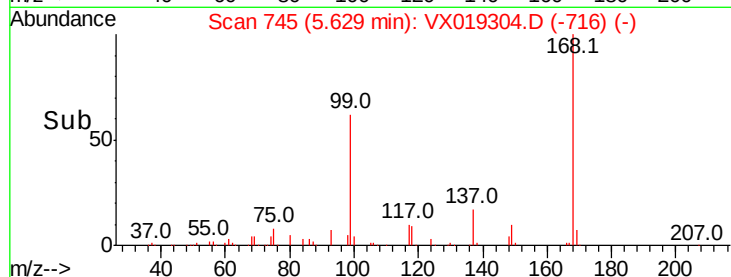
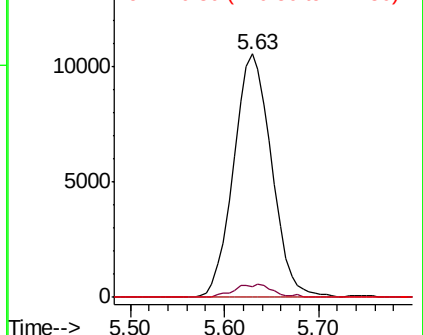
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 52.086 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019304.D

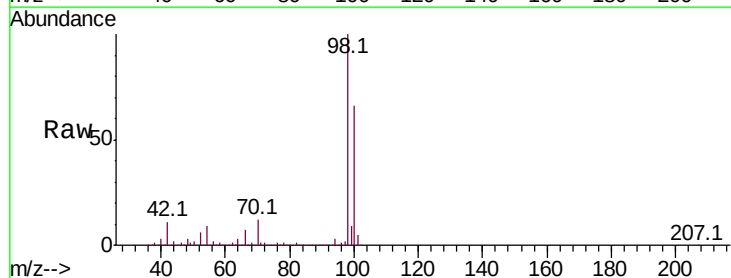
Acq: 05 Nov 2020 11:33

Tgt Ion: 98 Resp: 622904

Ion Ratio Lower Upper

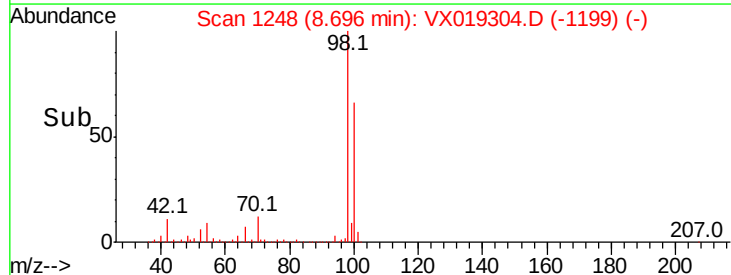
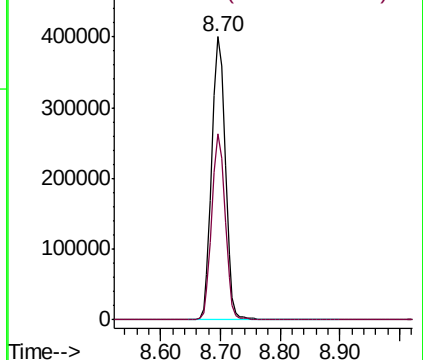
98 100

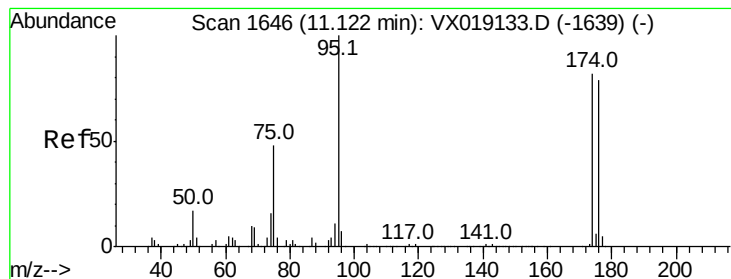
100 64.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.107 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

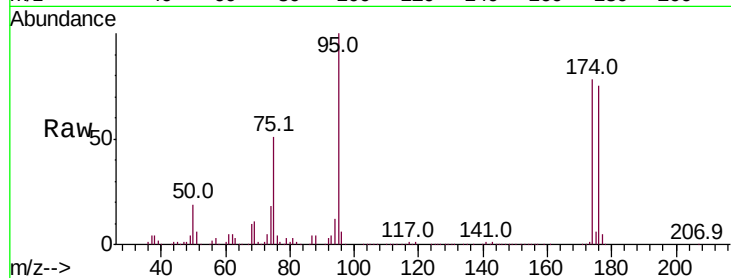
Tot Ion: 95 Resp: 231462

Ion Ratio Lower Upper

95 100

174 75.4 0.0 156.0

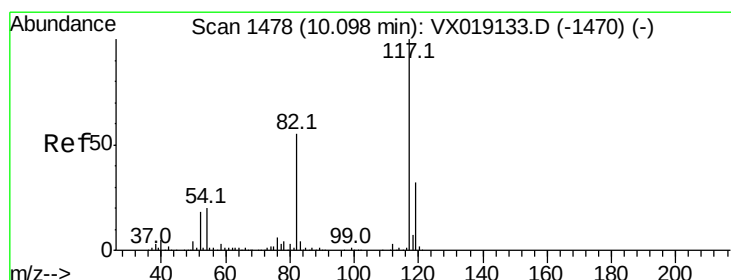
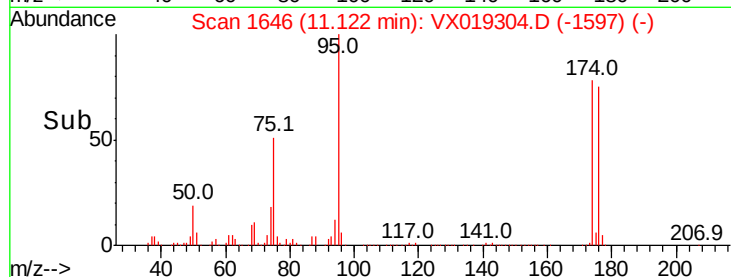
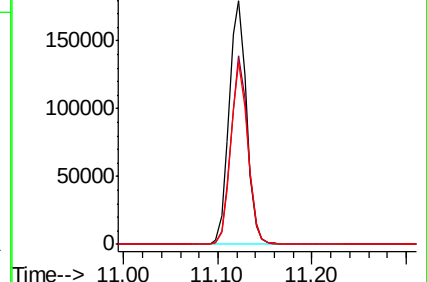
176 72.7 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019304.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019304.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019304.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

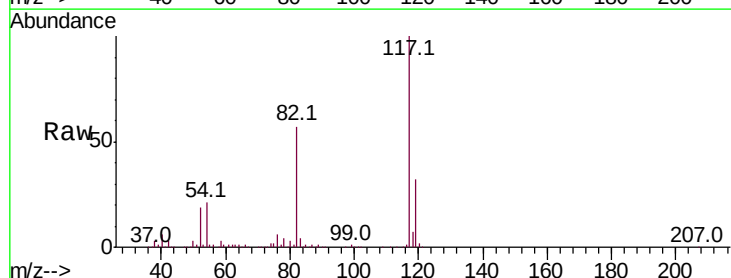
Tgt Ion: 117 Resp: 474152

Ion Ratio Lower Upper

117 100

82 57.4 43.6 65.4

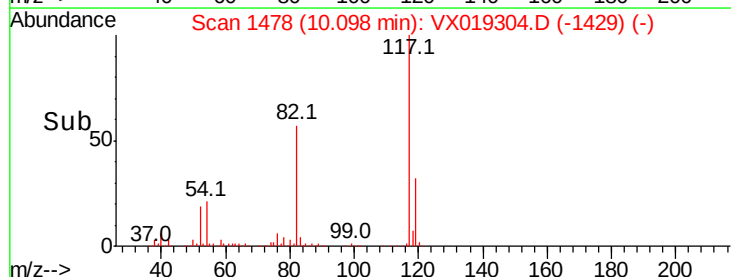
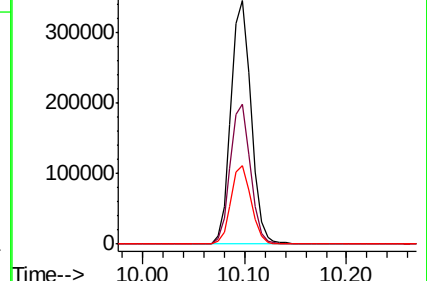
119 32.3 25.5 38.3

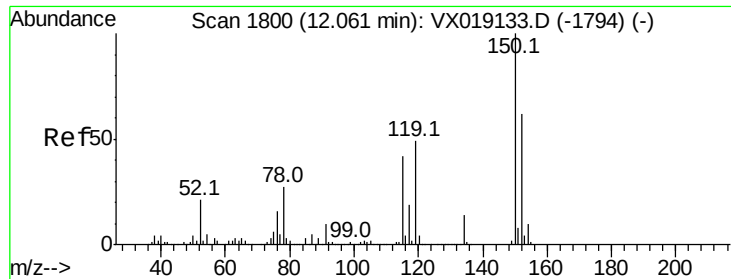


Abundance Ion 116.90 (116.60 to 117.60): VX019304.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019304.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019304.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019304.D

Acq: 05 Nov 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

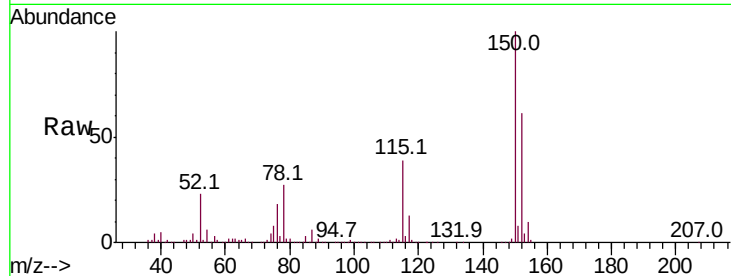
Tot Ion:152 Resp: 229443

Ion Ratio Lower Upper

152 100

115 61.7 41.9 125.7

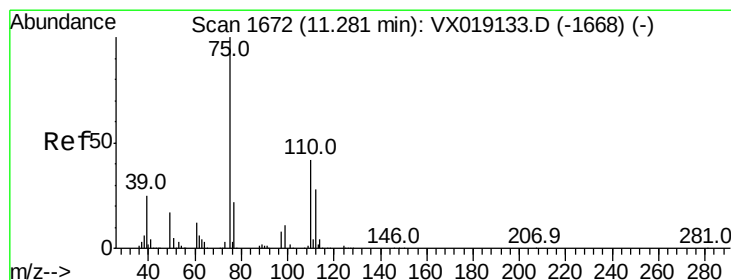
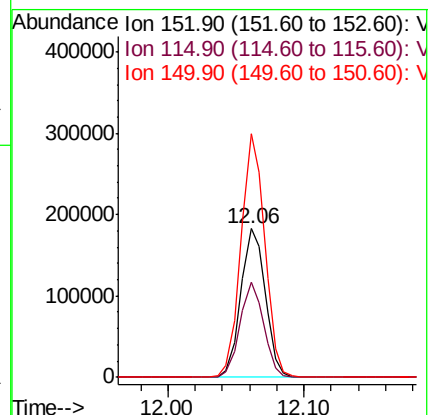
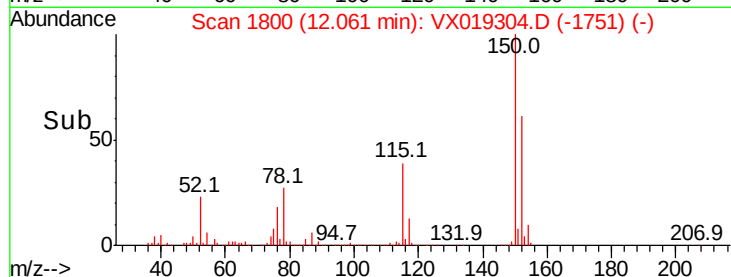
150 158.6 0.0 347.8



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



#76

1,2,3-Trichloropropane

Concen: 25.316 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019304.D

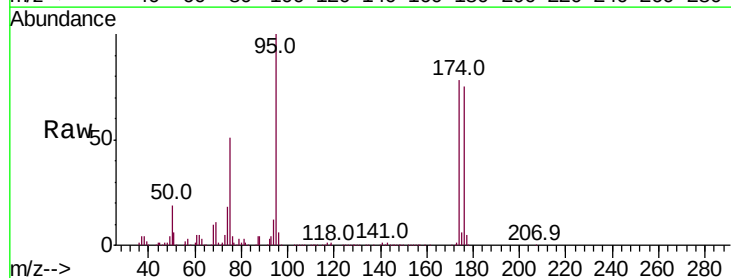
Acq: 05 Nov 2020 11:33

Tgt Ion: 75 Resp: 119937

Ion Ratio Lower Upper

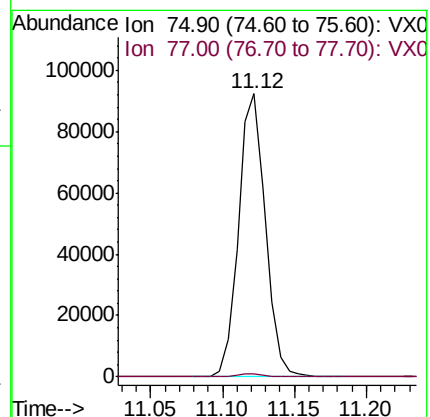
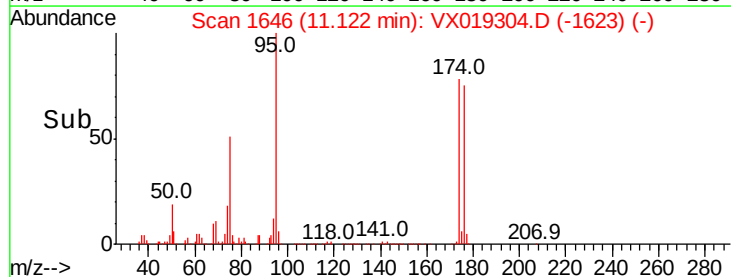
75 100

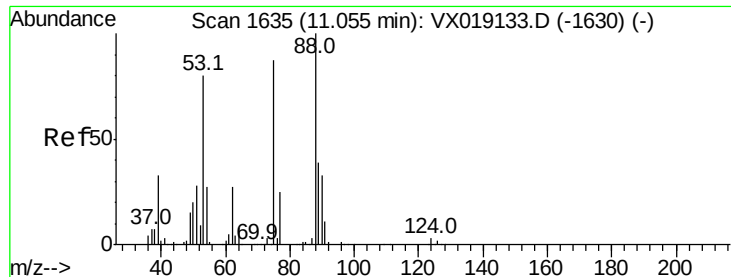
77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.658 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019304.D
 Acq: 05 Nov 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 119937
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

