

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
 Data File : VX019912.D
 Acq On : 12 Dec 2020 06:56
 Operator : JC/MD
 Sample : L5025-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5032-120920

Quant Time: Dec 12 07:23:58 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	5.63	168	322088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	535108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	493943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	206170	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	5.46	113	167604	48.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.92%		
50) Toluene-d8	8.70	98	653768	49.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.04%		
62) 4-Bromofluorobenzene	11.12	95	229677	45.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.40%		

Target Compounds

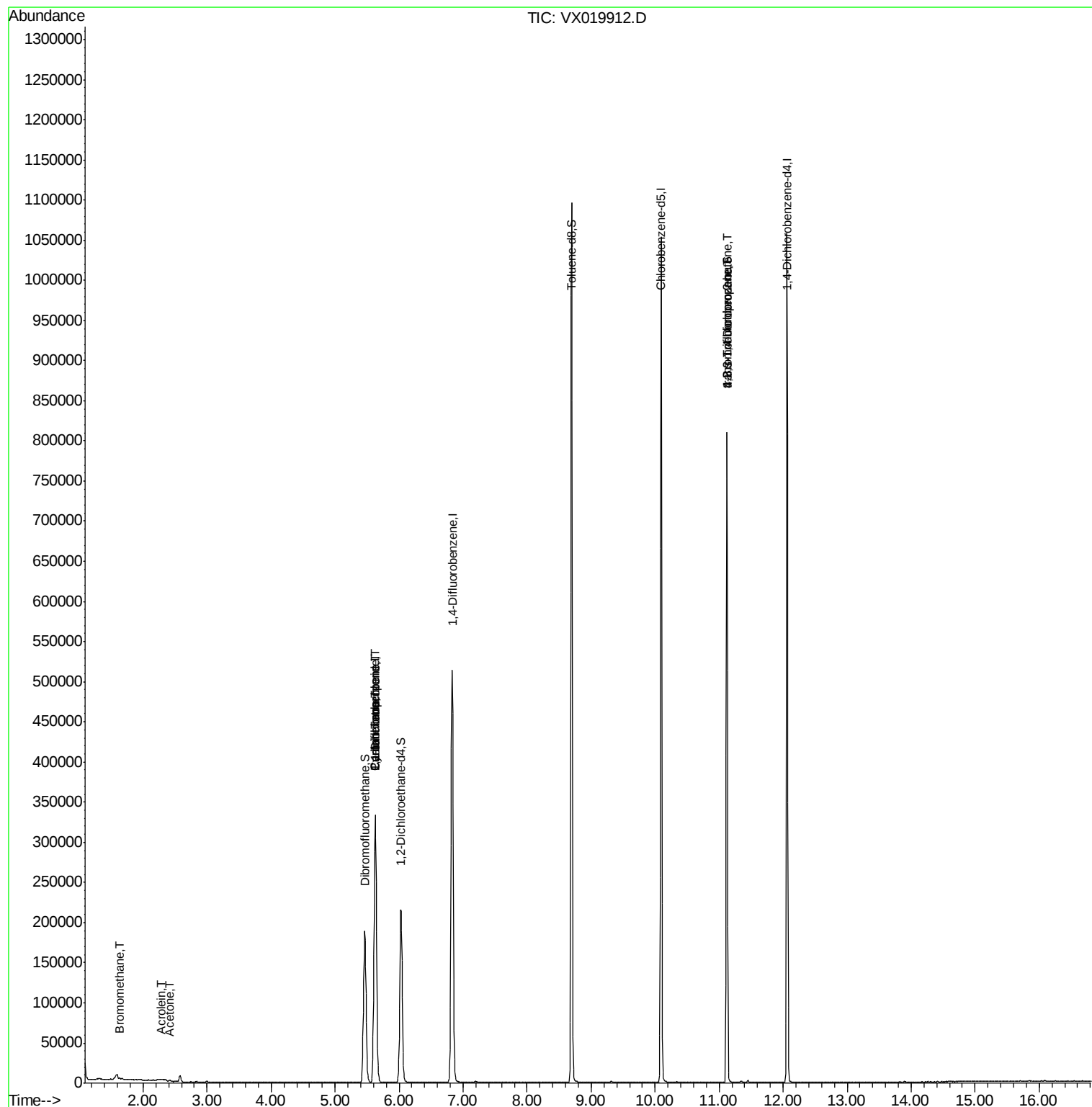
					Qvalue	
5) Bromomethane	1.63	94	706	0.581	ug/l #	48
11) Tert butyl alcohol	3.01	59	688	Below Cal	#	73
13) Acrolein	2.27	56	109	0.233	ug/l #	1
16) Acetone	2.42	43	1208	0.759	ug/l	92
20) Methylene Chloride	2.84	84	493	Below Cal	#	70
31) Cyclohexane	5.62	56	6198	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24136	4.991	ug/l #	49
38) Carbon Tetrachloride	5.63	117	31928	6.743	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	111837	23.099	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	111837	66.775	ug/l #	12

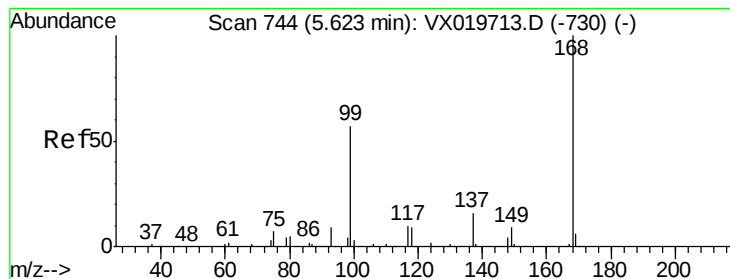
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
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TU032-32-5032-120920

Quant Time: Dec 12 07:23:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

MSVOA_X

ClientSampleId :

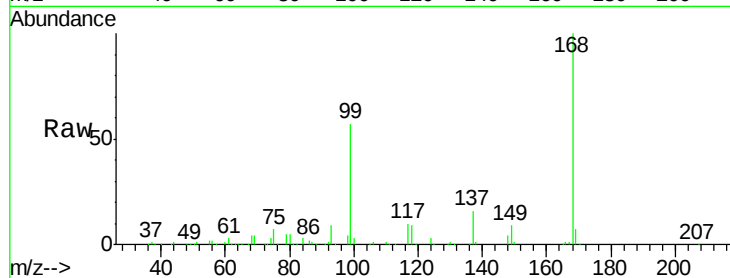
TU032-32-5032-120920

Tgt Ion:168 Resp: 322088

Ion Ratio Lower Upper

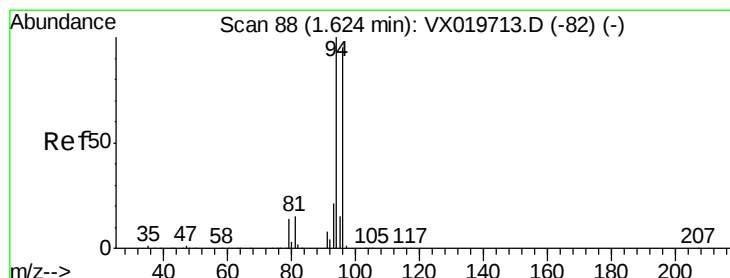
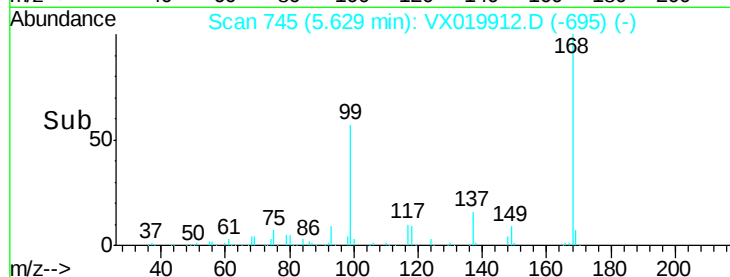
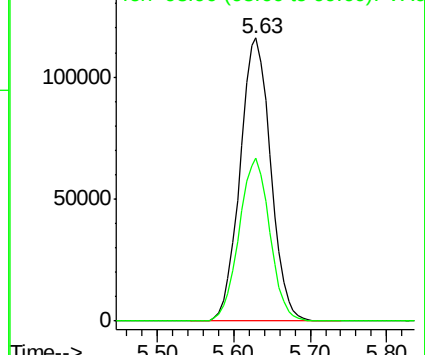
168 100

99 57.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.581 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019912.D

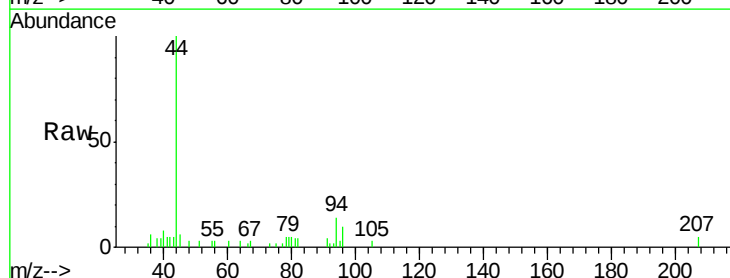
Acq: 12 Dec 2020 06:56

Tgt Ion: 94 Resp: 706

Ion Ratio Lower Upper

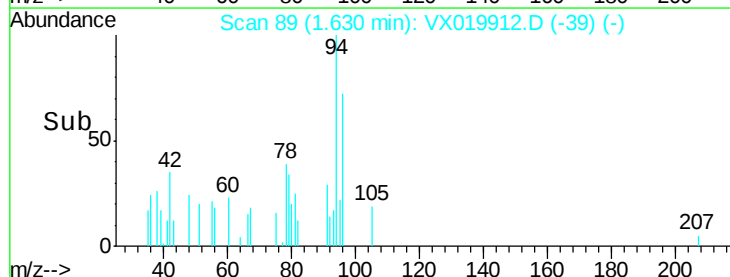
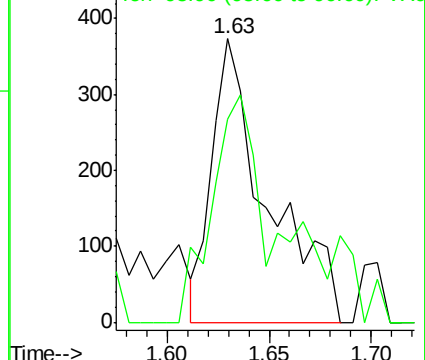
94 100

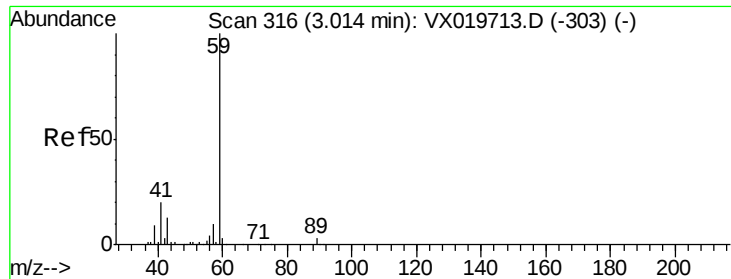
96 45.3 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

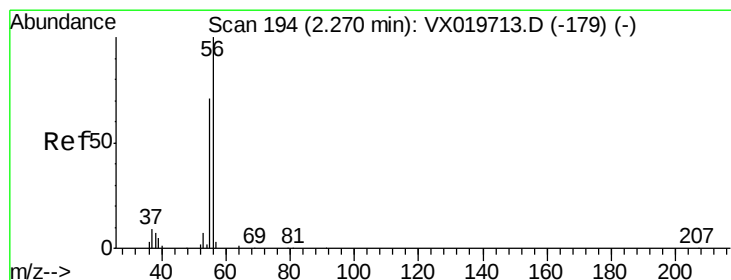
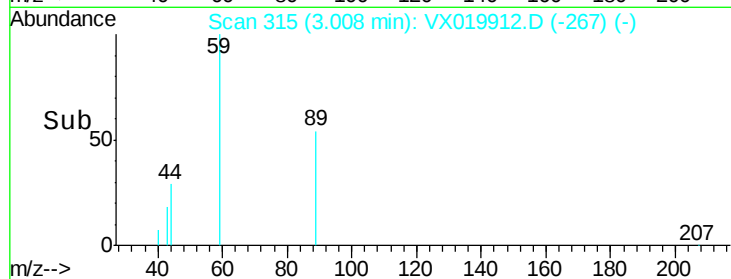
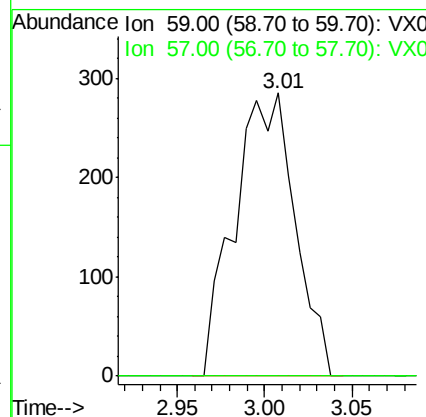
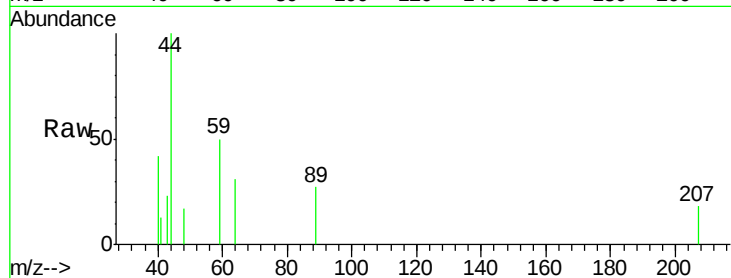




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

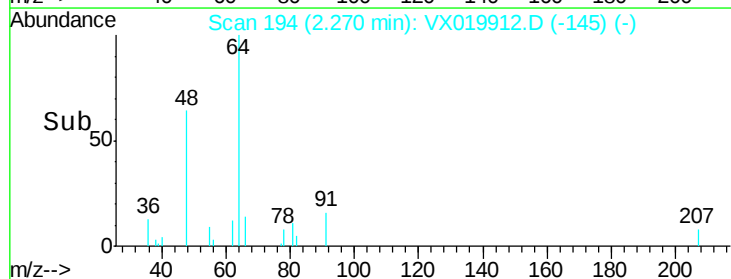
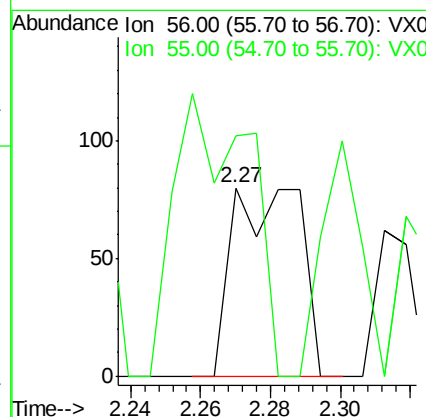
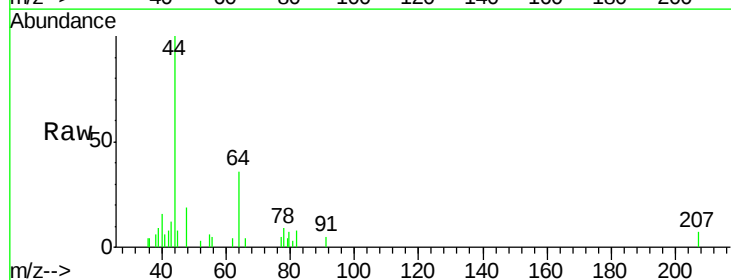
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5032-120920

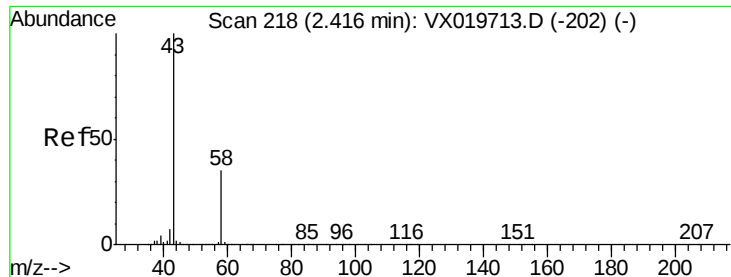
Tgt Ion: 59 Resp: 688
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.233 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 162.4 56.4 84.6#





#16

Acetone

Concen: 0.759 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

MSVOA_X

ClientSampleId :

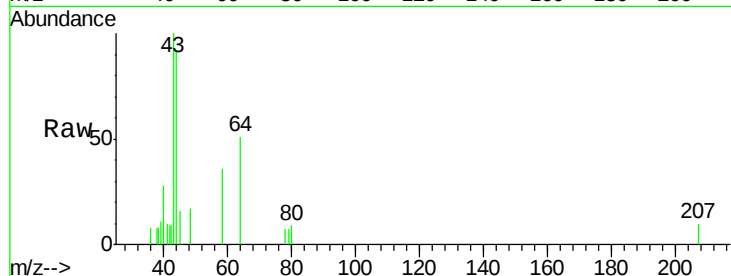
TU032-32-5032-120920

Tgt Ion: 43 Resp: 1208

Ion Ratio Lower Upper

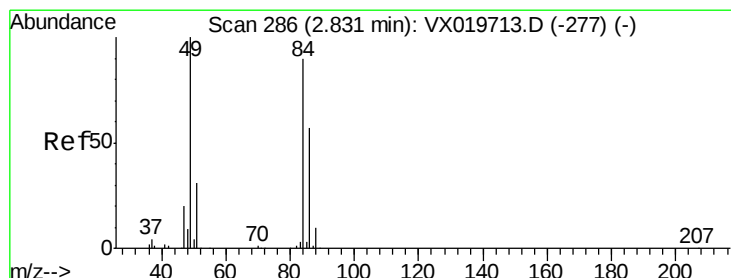
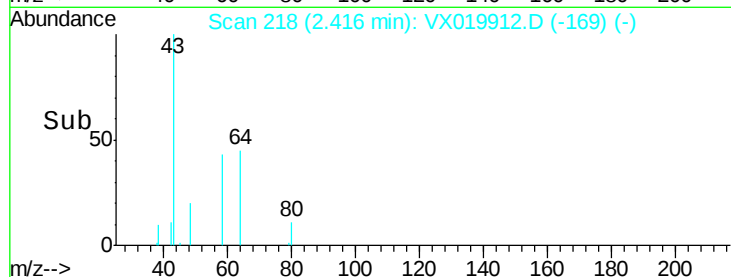
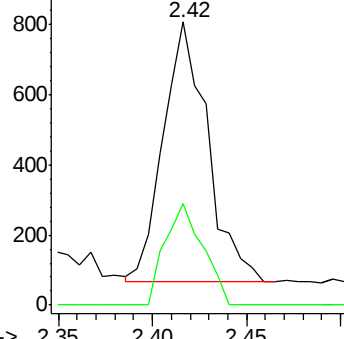
43 100

58 39.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Tgt Ion: 84 Resp: 493

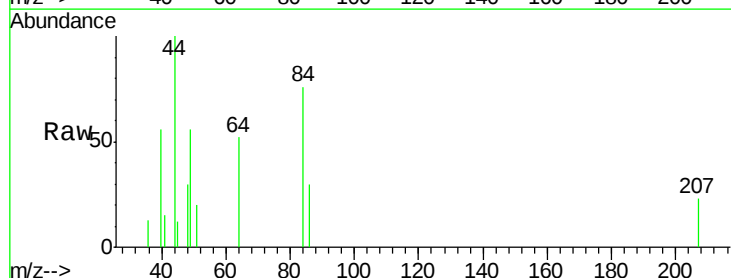
Ion Ratio Lower Upper

84 100

49 73.5 88.6 132.8#

51 25.9 27.0 40.6#

86 38.9 50.3 75.5#

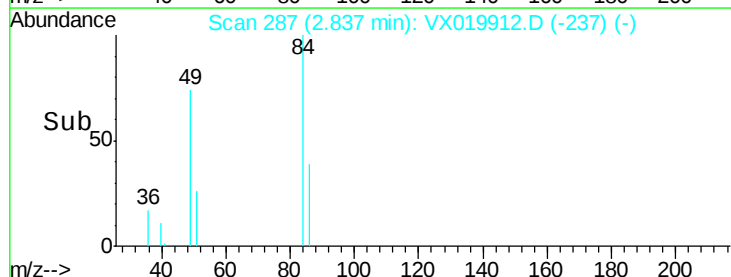
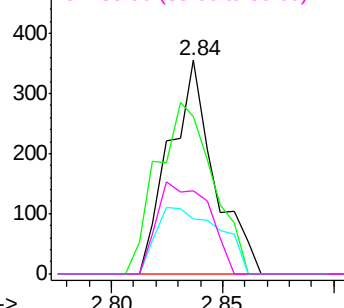


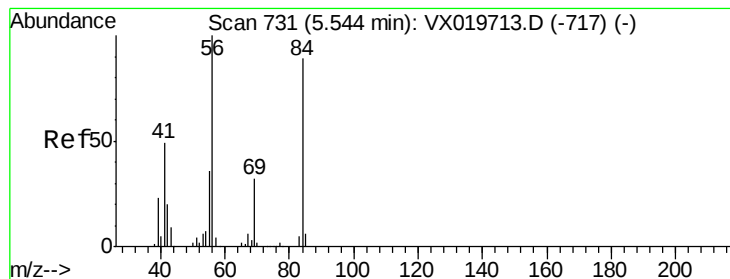
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#31

Cyclohexane

Concen: 1.177 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.08 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5032-120920

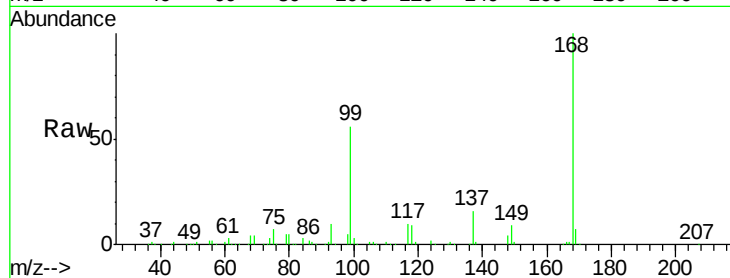
Tgt Ion: 56 Resp: 6198

Ion Ratio Lower Upper

56 100

69 176.3 25.3 37.9#

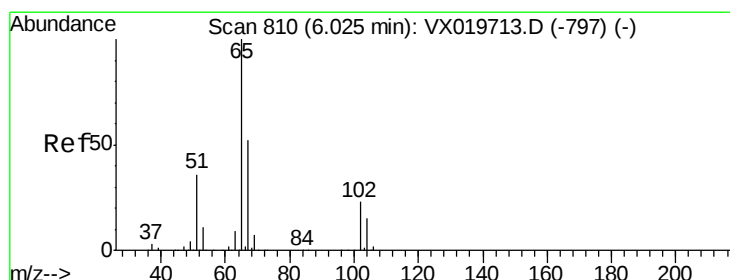
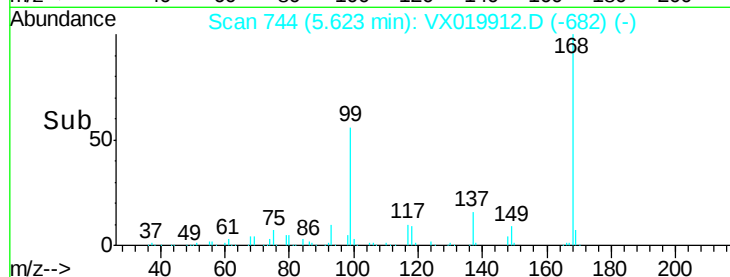
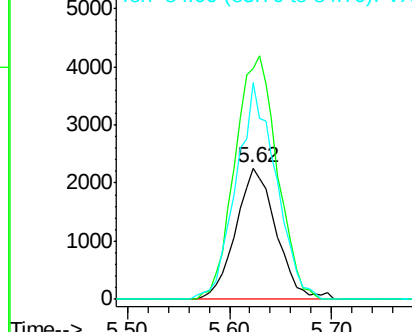
84 165.6 71.4 107.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.703 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019912.D

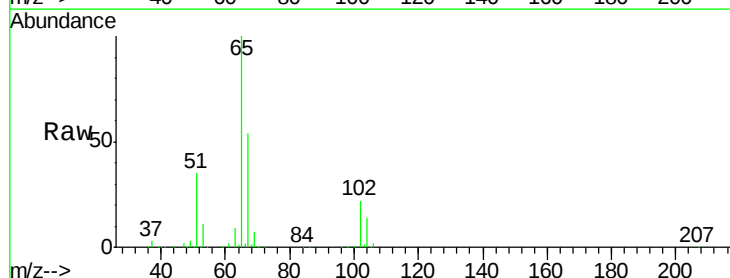
Acq: 12 Dec 2020 06:56

Tgt Ion: 65 Resp: 206170

Ion Ratio Lower Upper

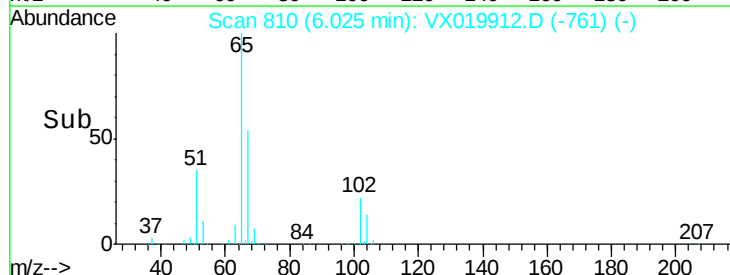
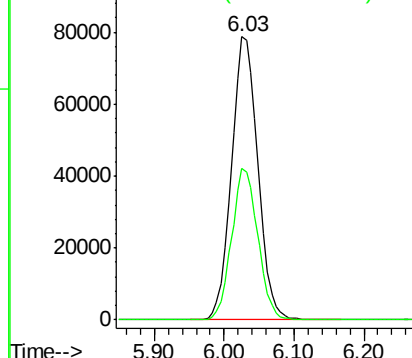
65 100

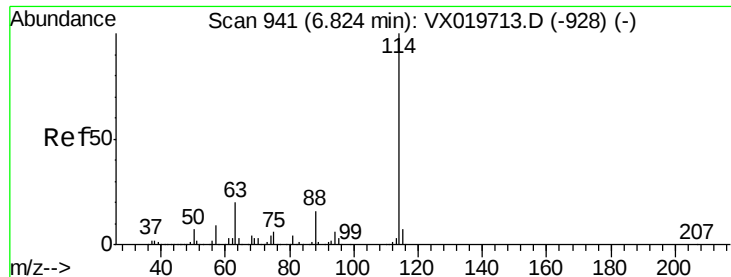
67 53.2 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5032-120920

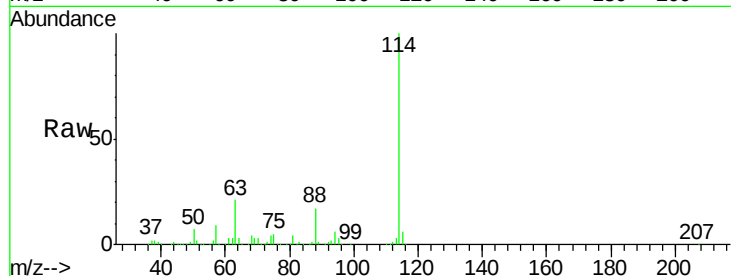
Tgt Ion:114 Resp: 535108

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

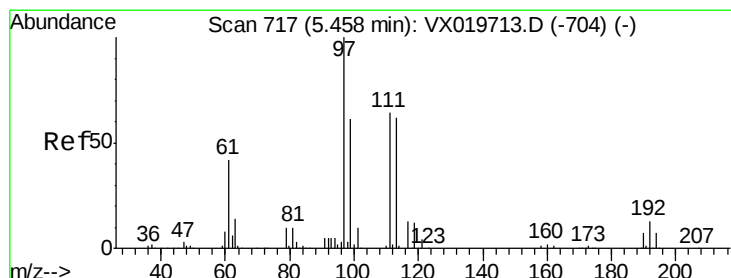
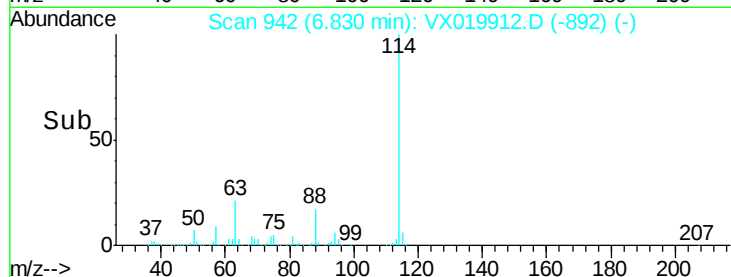
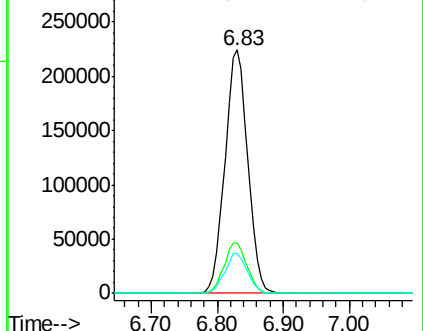
88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.464 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

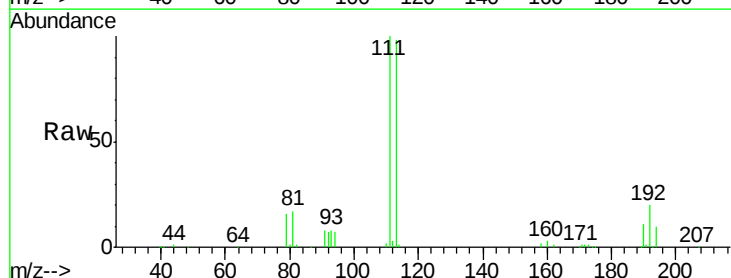
Tgt Ion:113 Resp: 167604

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

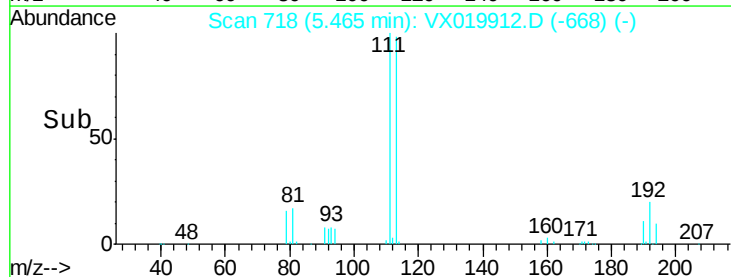
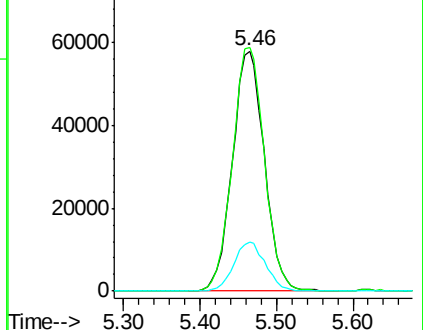
192 20.3 16.7 25.1

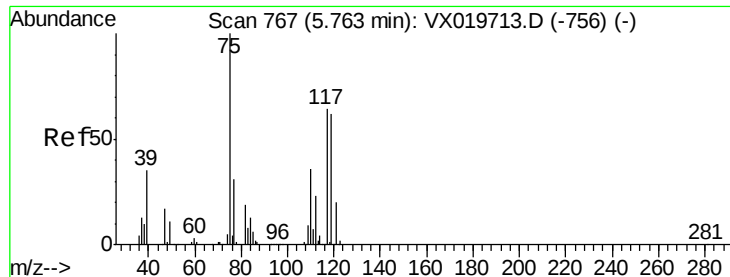


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.991 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

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ClientSampleId :

TU032-32-5032-120920

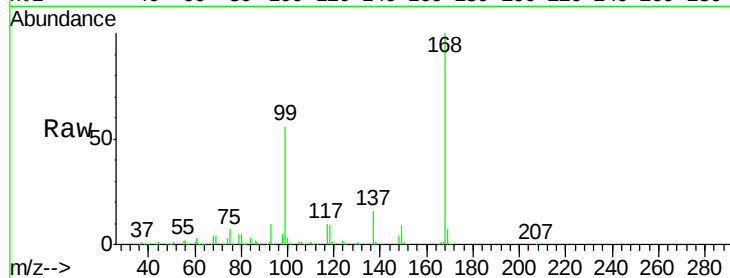
Tgt Ion: 75 Resp: 24136

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

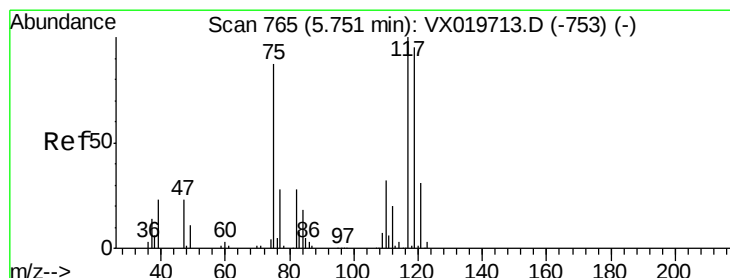
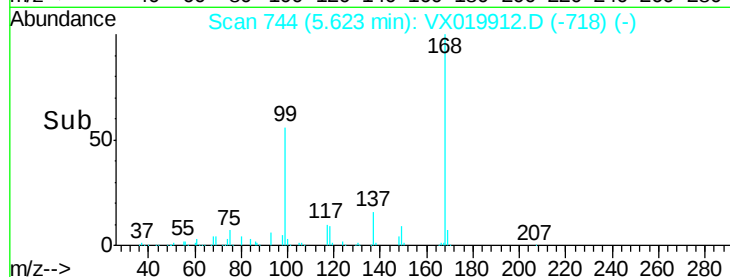
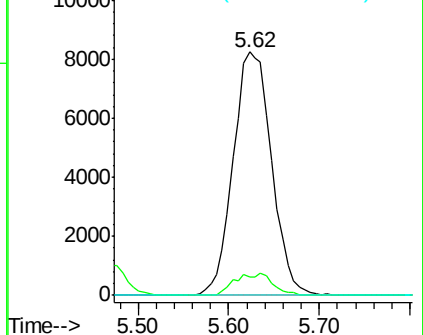
77 0.0 25.3 37.9#



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



#38

Carbon Tetrachloride

Concen: 6.743 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

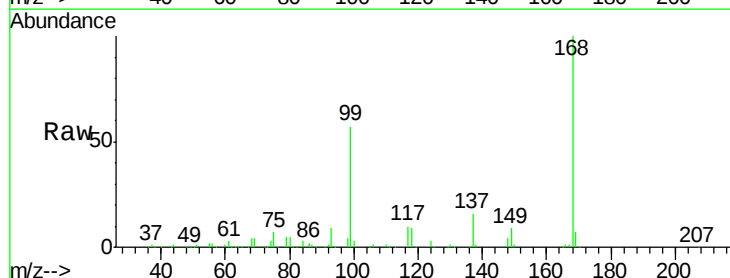
Tgt Ion: 117 Resp: 31928

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

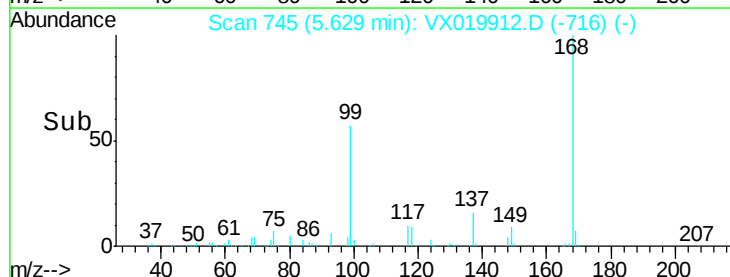
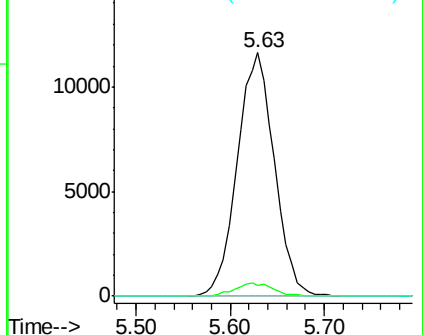
121 0.0 24.8 37.2#

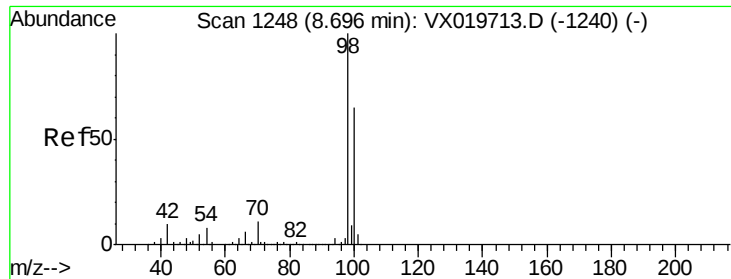


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

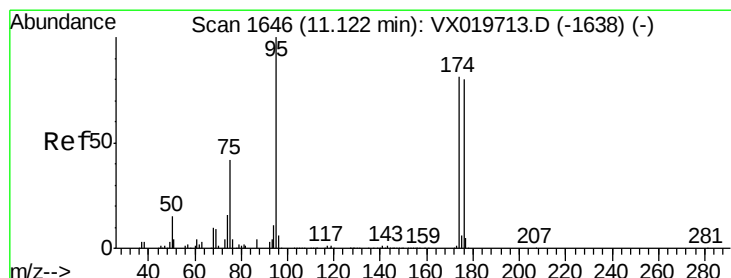
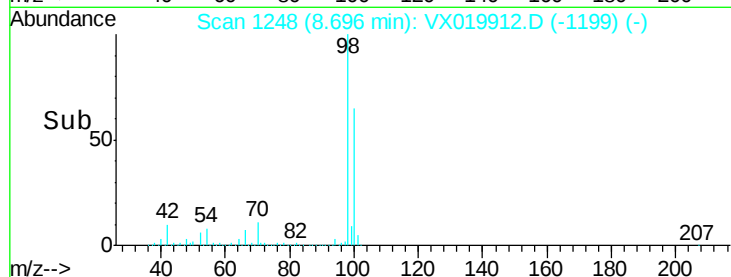
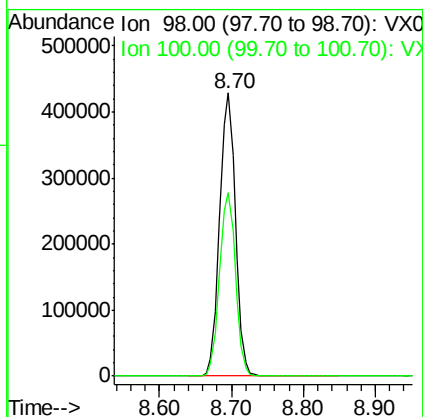
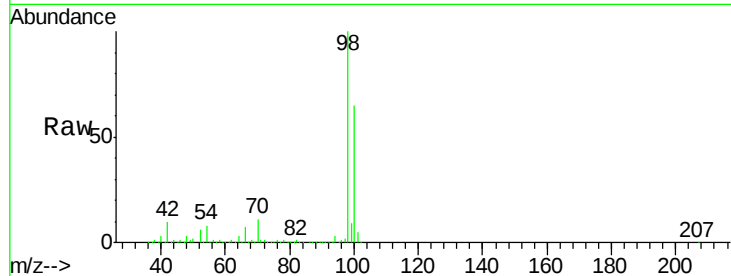




#50
Toluene-d8
Concen: 49.517 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

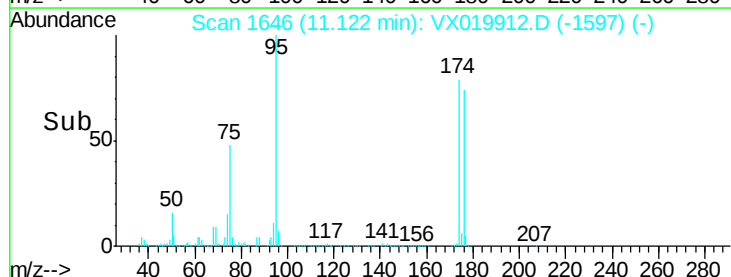
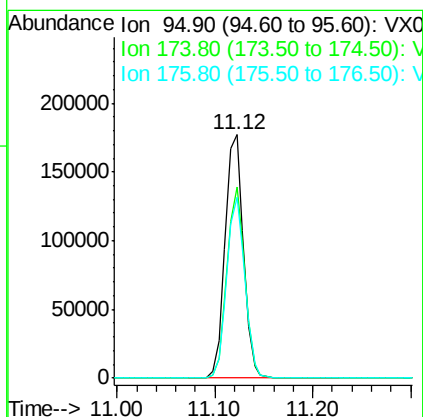
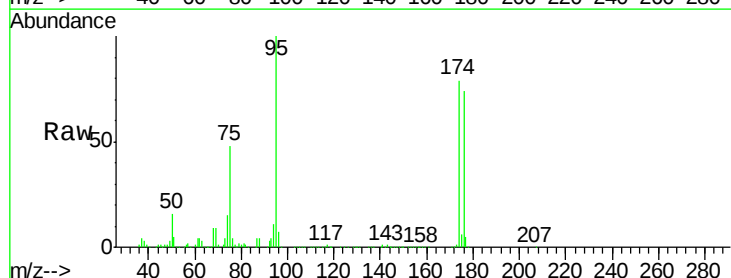
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5032-120920

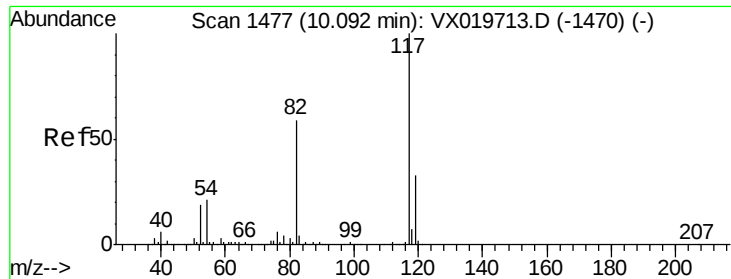
Tgt Ion: 98 Resp: 653768
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.705 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

Tgt Ion: 95 Resp: 229677
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 73.9 0.0 155.8

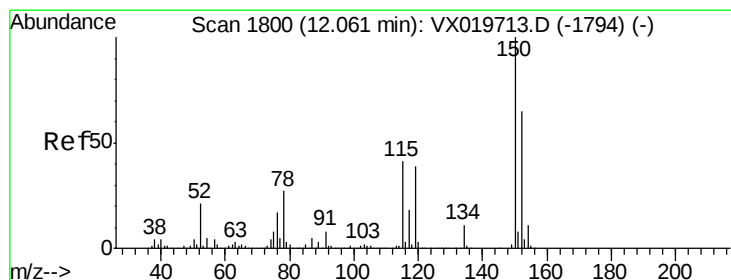
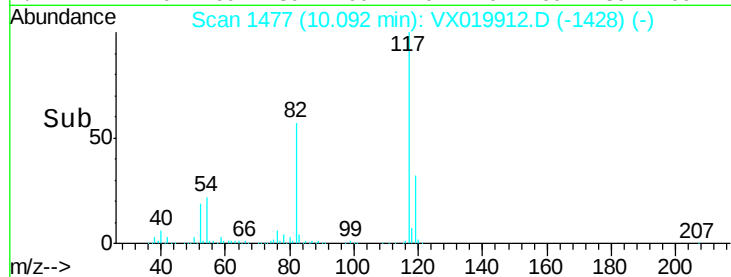
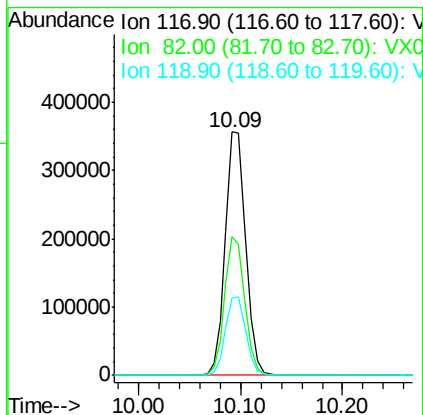
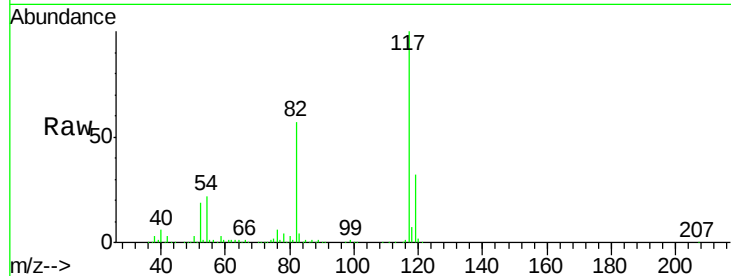




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

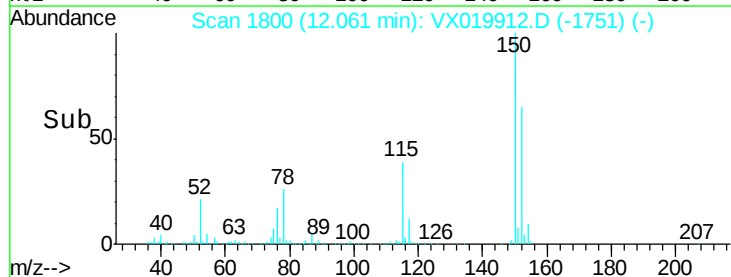
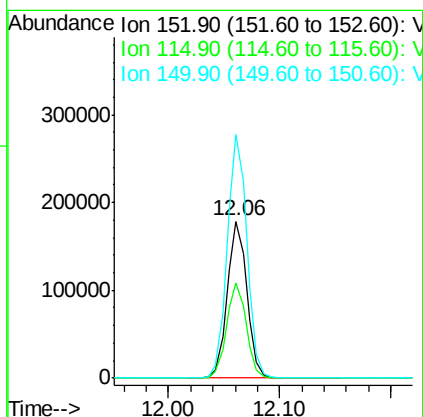
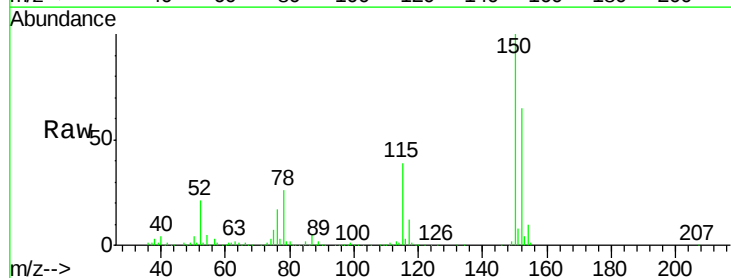
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5032-120920

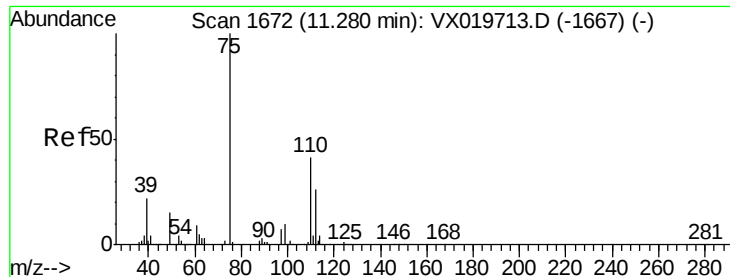
Tgt Ion:117 Resp: 493943
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019912.D
Acq: 12 Dec 2020 06:56

Tgt Ion:152 Resp: 215872
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 156.8 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 23.099 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Instrument :

MSVOA_X

ClientSampleId :

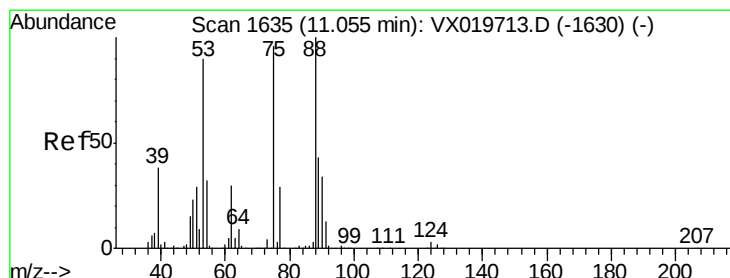
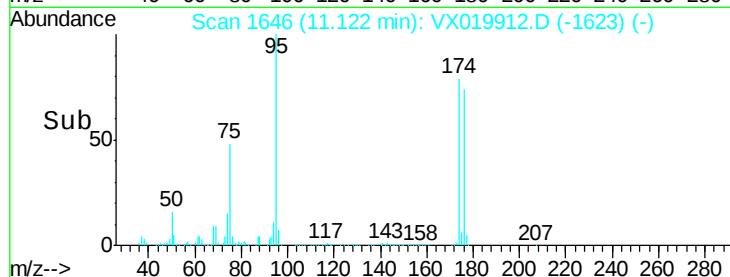
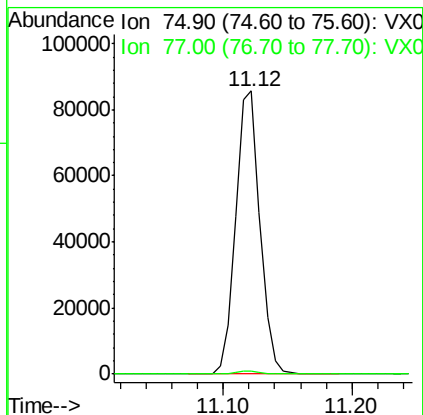
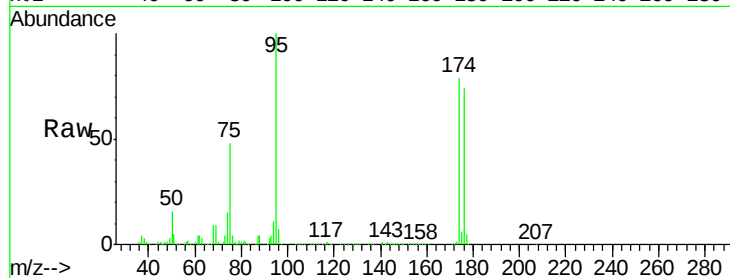
TU032-32-5032-120920

Tgt Ion: 75 Resp: 111837

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.775 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019912.D

Acq: 12 Dec 2020 06:56

Tgt Ion: 75 Resp: 111837

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

