

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019369.D
 Acq On : 09 Nov 2020 15:44
 Operator : JC/MD
 Sample : L4668-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 01:45:30 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	5.64	168	288494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	500067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247516	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	202498	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	
35) Dibromofluoromethane	5.46	113	156519	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	8.70	98	622005	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.12	95	243692	54.34	ug/l	0.00
Spiked Amount			Recovery	=	108.68%	

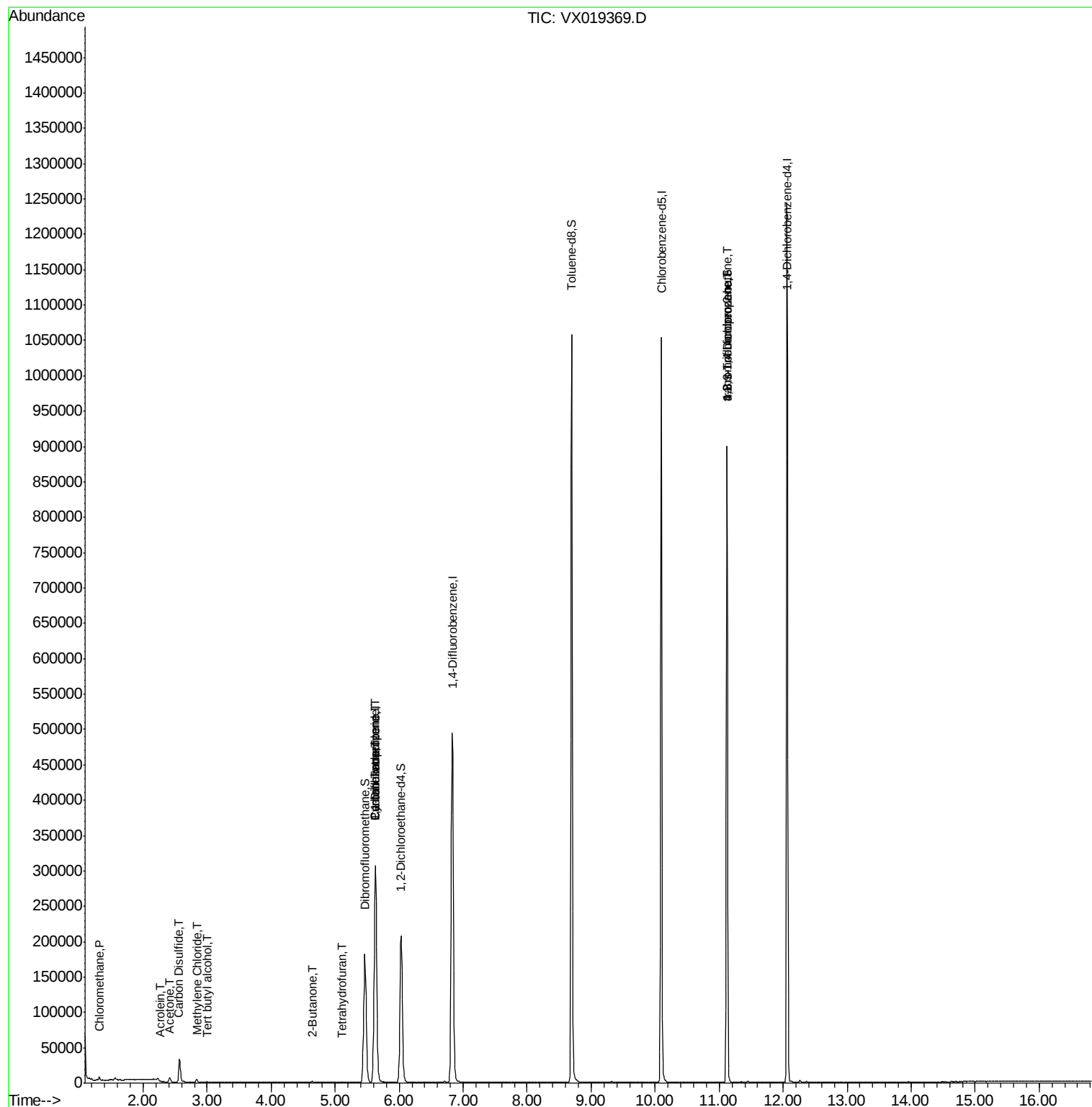
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2779	1.034	ug/l	96
11) Tert butyl alcohol	3.00	59	678	0.923	ug/l #	72
13) Acrolein	2.27	56	42	5.773	ug/l #	16
16) Acetone	2.42	43	6238	4.860	ug/l	98
17) Carbon Disulfide	2.56	76	403	0.810	ug/l #	75
20) Methylene Chloride	2.84	84	1564	0.485	ug/l	91
25) 2-Butanone	4.64	43	462	0.228	ug/l #	44
29) Tetrahydrofuran	5.11	42	304	0.238	ug/l #	37
31) Cyclohexane	5.62	56	6243	1.327	ug/l #	3
36) 1,1-Dichloropropene	5.63	75	23825	5.159	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29846	6.341	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	125227	24.503	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	125227	64.516	ug/l #	12

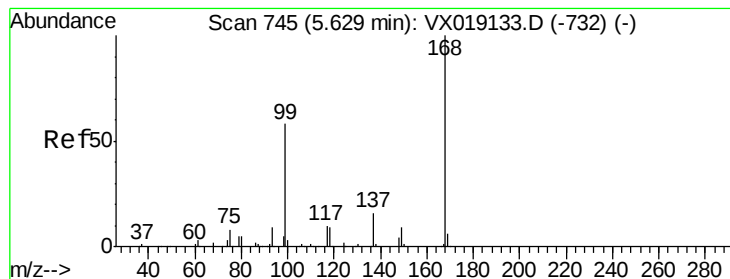
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110920\
Data File : VX019369.D
Acq On : 09 Nov 2020 15:44
Operator : JC/MD
Sample : L4668-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 10 01:45:30 2020
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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

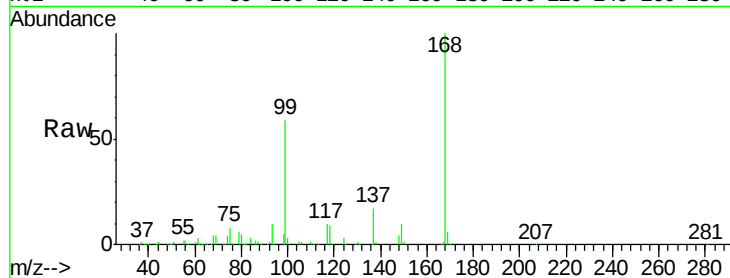
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 288494

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

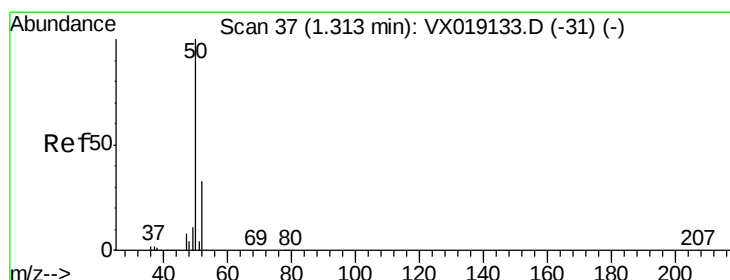
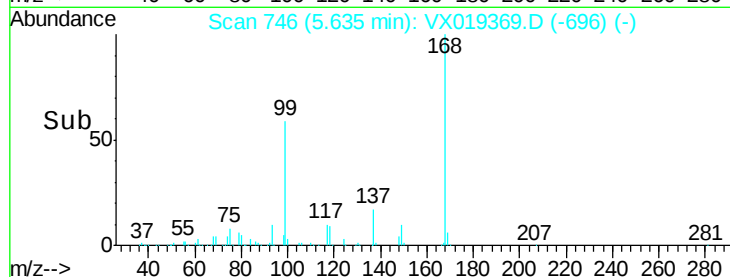
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.034 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019369.D

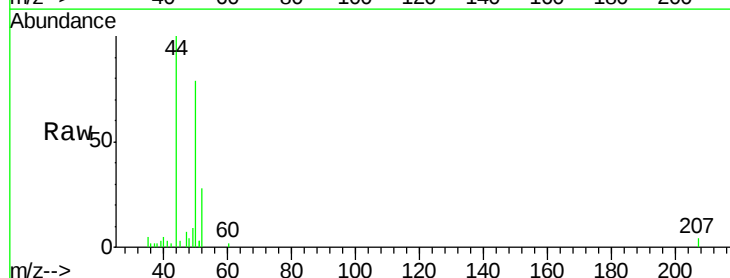
Acq: 09 Nov 2020 15:44

Tgt Ion: 50 Resp: 2779

Ion Ratio Lower Upper

50 100

52 35.5 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

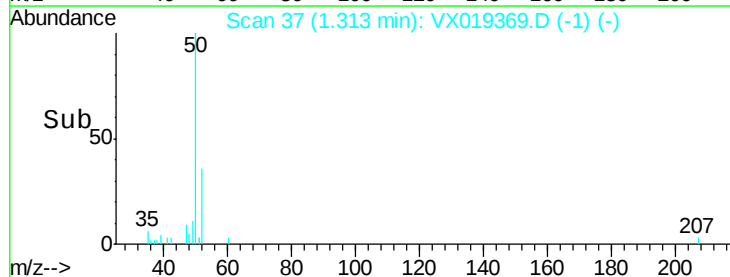
3000

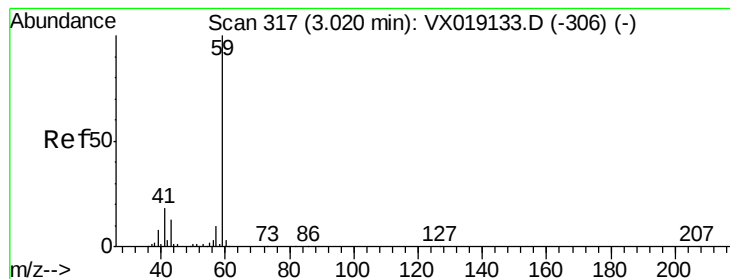
2000

1000

0

Time-->



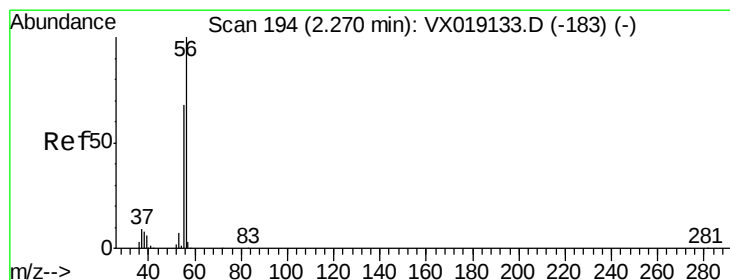
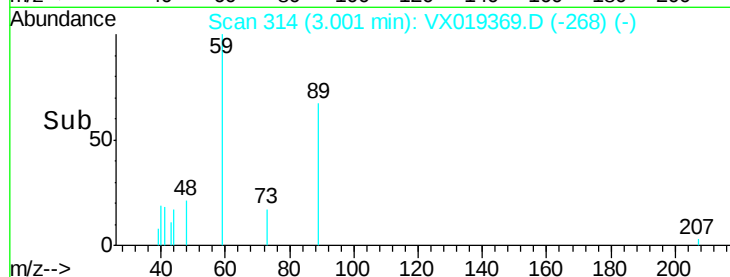
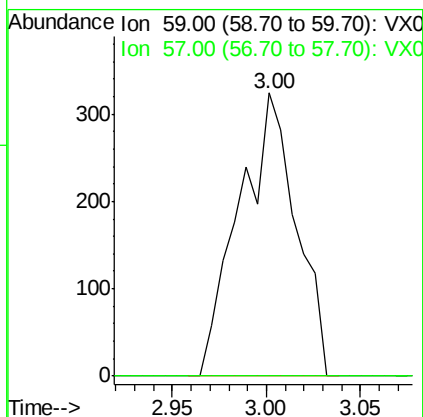
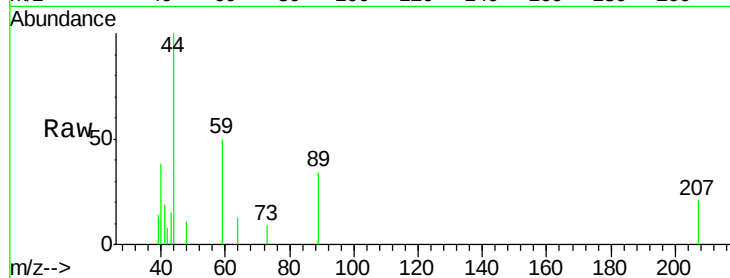


#11

Tert butvl alcohol
Concen: 0.923 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

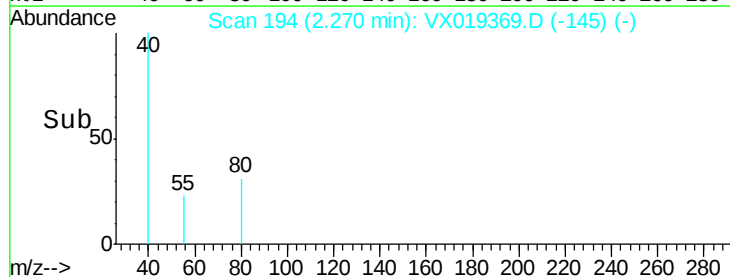
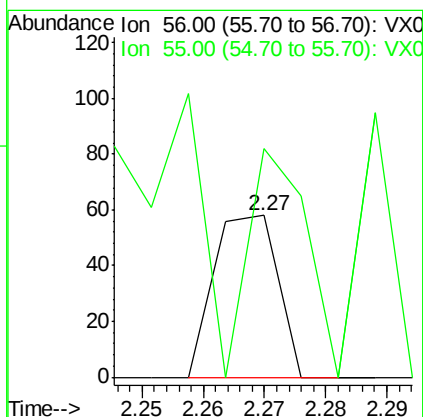
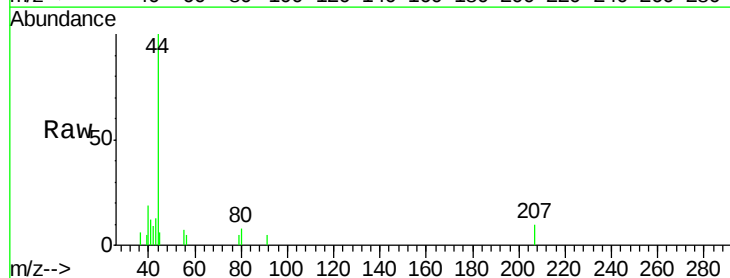
Tot Ion: 59 Resp: 678
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

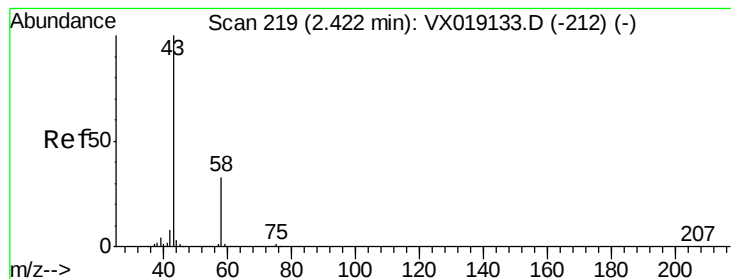


#13

Acrolein
Concen: 5.773 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#





#16

Acetone

Concen: 4.860 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

Instrument :

MSVOA_X

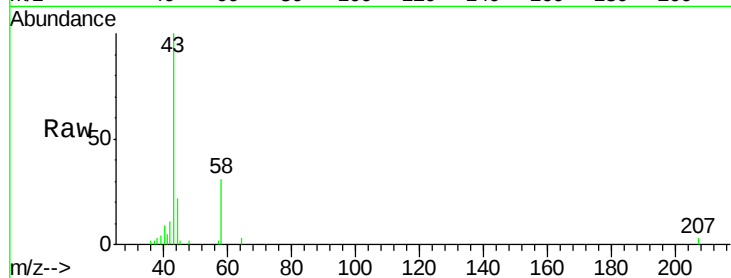
ClientSampled :

Tot Ion: 43 Resp: 6238

Ion Ratio Lower Upper

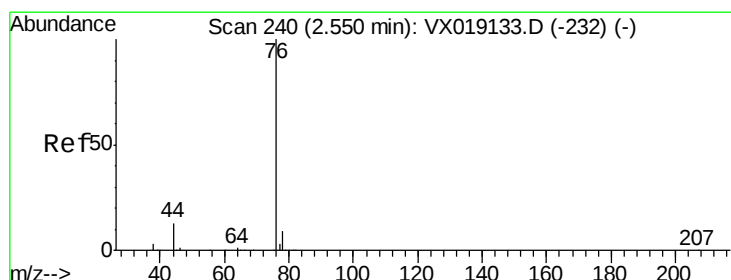
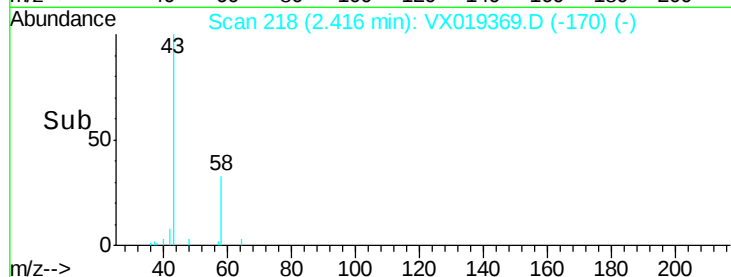
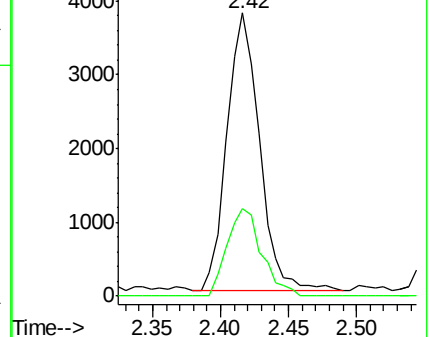
43 100

58 31.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.810 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019369.D

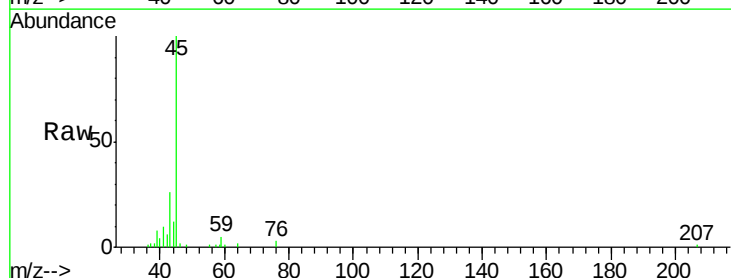
Acq: 09 Nov 2020 15:44

Tgt Ion: 76 Resp: 403

Ion Ratio Lower Upper

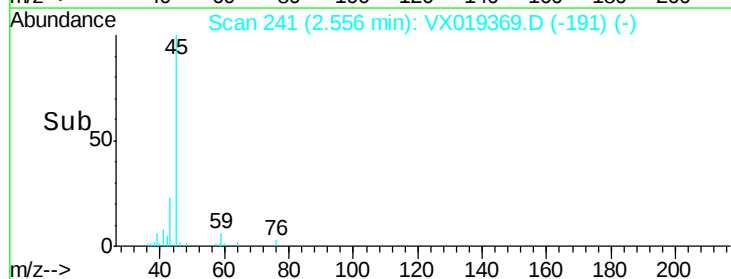
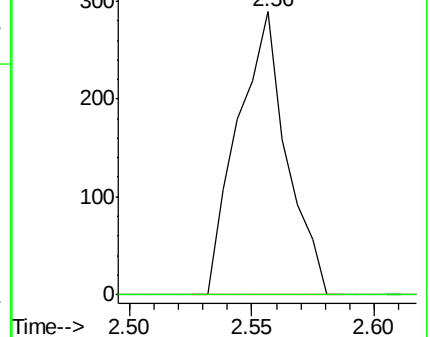
76 100

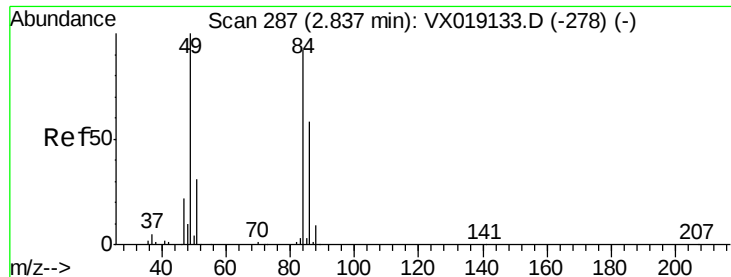
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

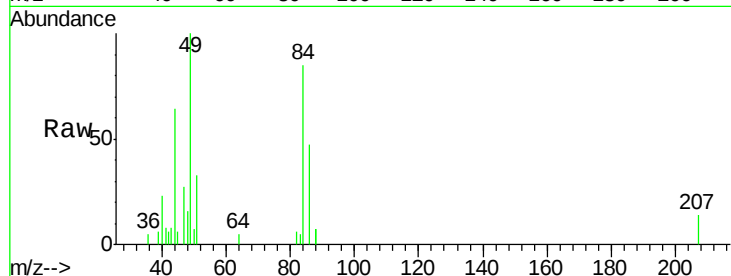




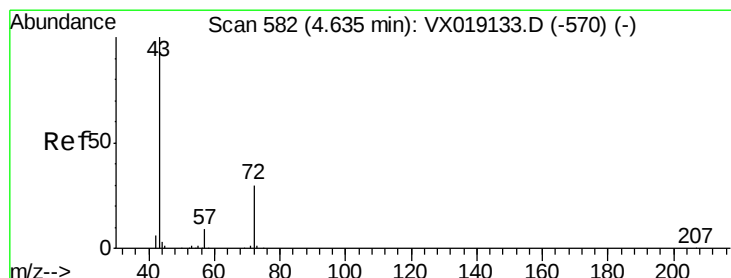
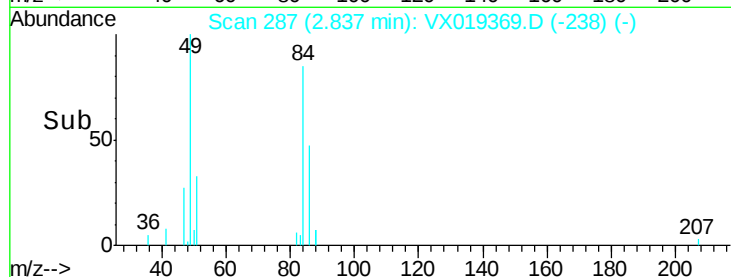
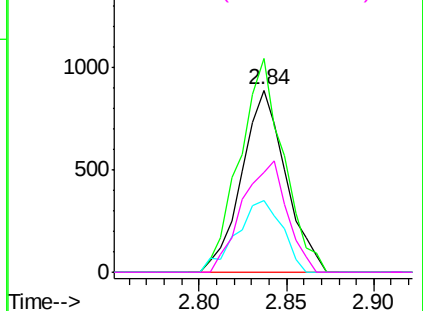
#20
Methvlene Chloride
Concen: 0.485 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 1564
Ion Ratio Lower Upper
84 100
49 117.4 86.8 130.2
51 39.2 27.3 40.9
86 55.2 50.6 76.0

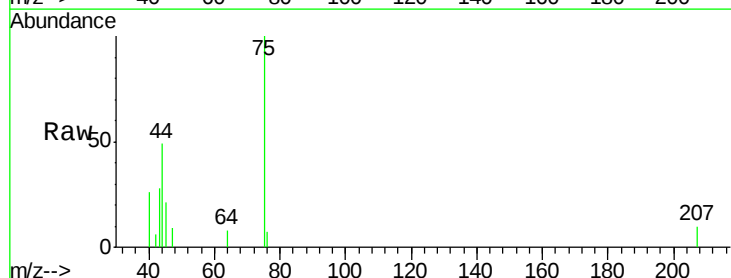


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

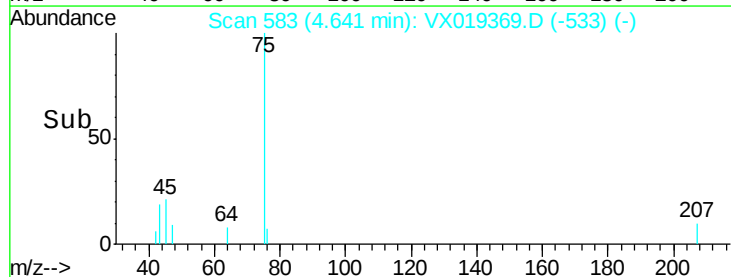
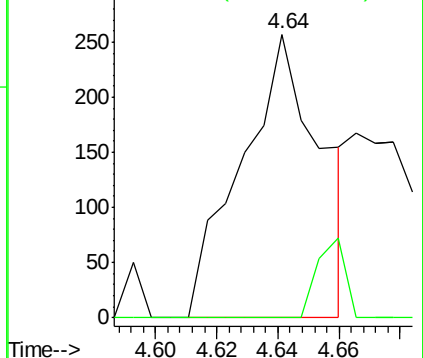


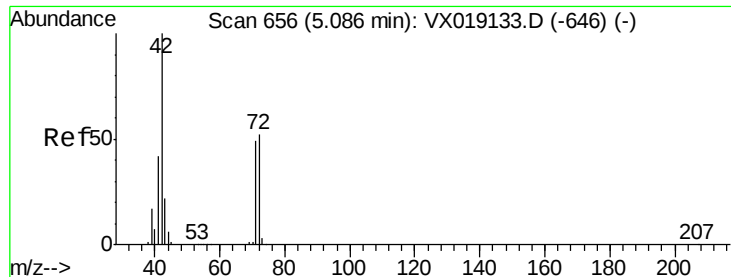
#25
2-Butanone
Concen: 0.228 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
72 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

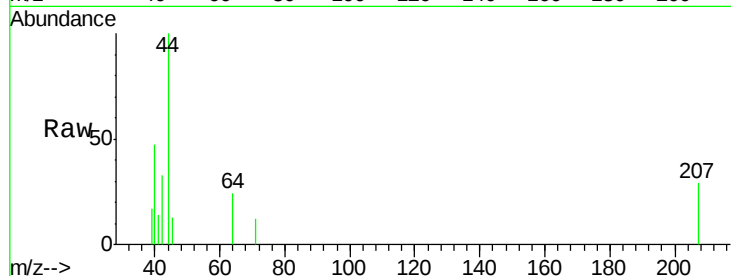




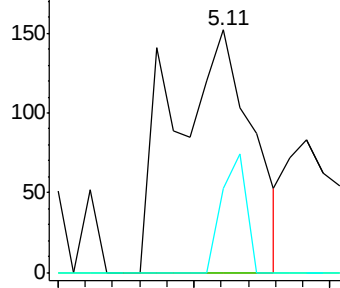
#29
Tetrahydrofuran
Concen: 0.238 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

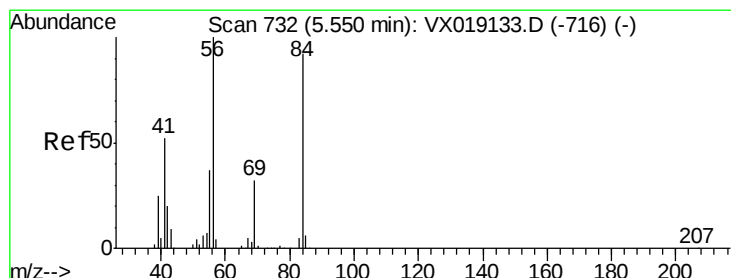
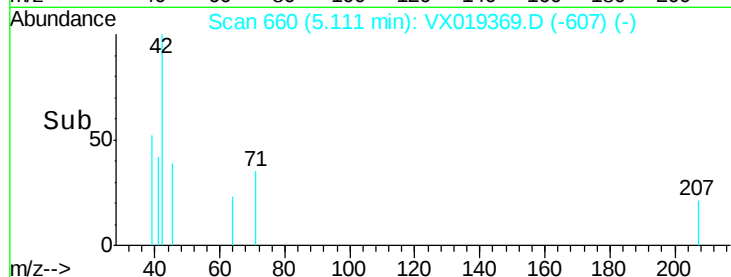
Tot Ion: 42 Resp: 304
Ion Ratio Lower Upper
42 100
72 0.0 42.6 63.8#
71 15.1 39.7 59.5#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

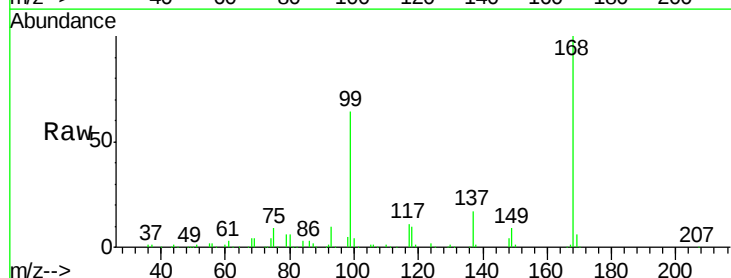


Time--> 5.05 5.10 5.15 5.20 5.25 5.30 5.35 5.40 5.45 5.50 5.55 5.60 5.65 5.70 5.75 5.80 5.85 5.90 5.95 6.00

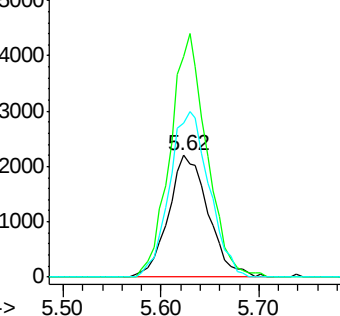


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX019369.D
Acq: 09 Nov 2020 15:44

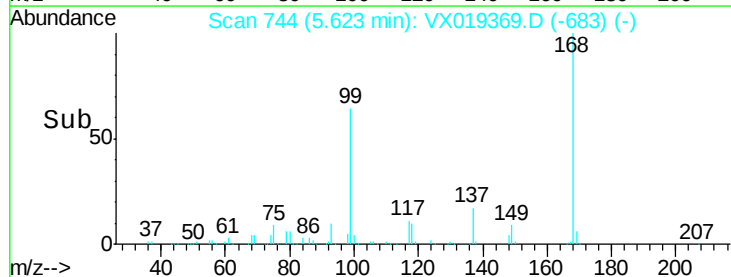
Tgt Ion: 56 Resp: 6243
Ion Ratio Lower Upper
56 100
69 181.7 25.9 38.9#
84 126.8 73.4 110.2#

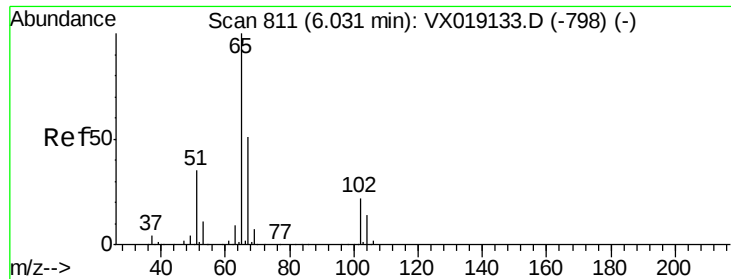


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



Time--> 5.50 5.55 5.60 5.65 5.70 5.75 5.80 5.85 5.90 5.95 6.00

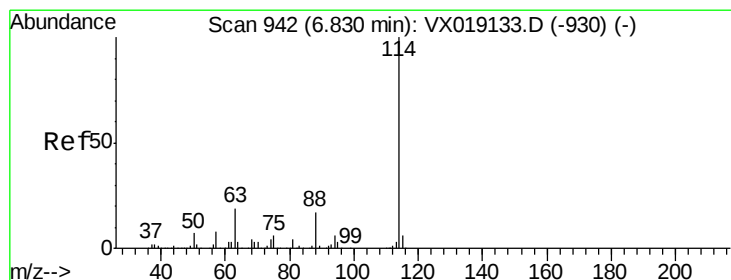
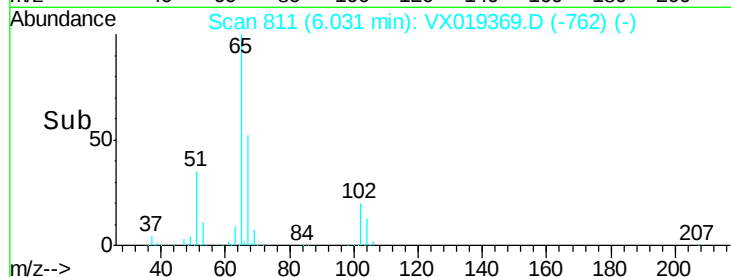
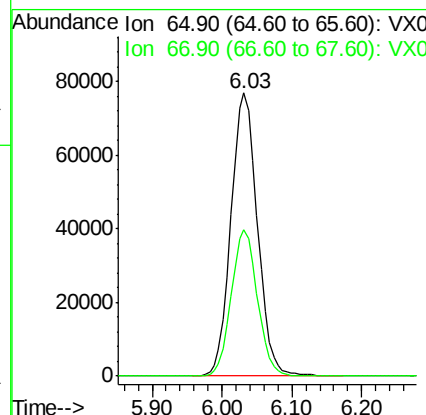
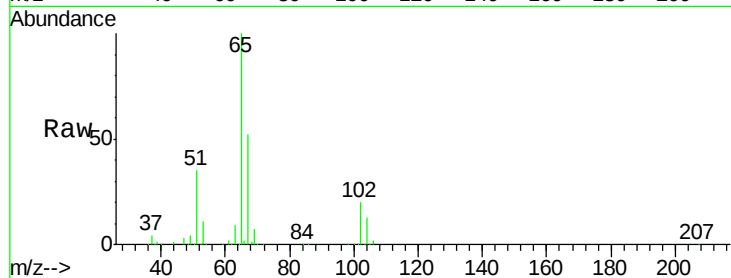




#33
 1,2-Dichloroethane-d4
 Concen: 54.428 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019369.D
 Acq: 09 Nov 2020 15:44

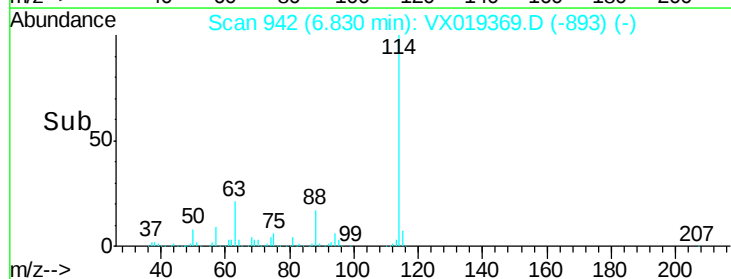
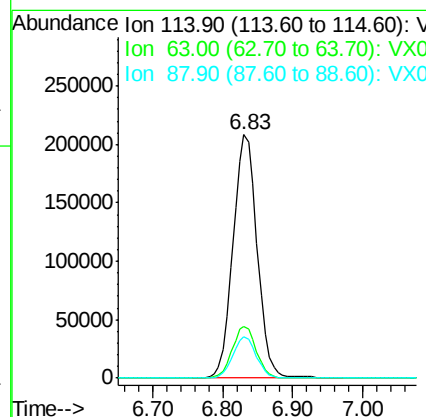
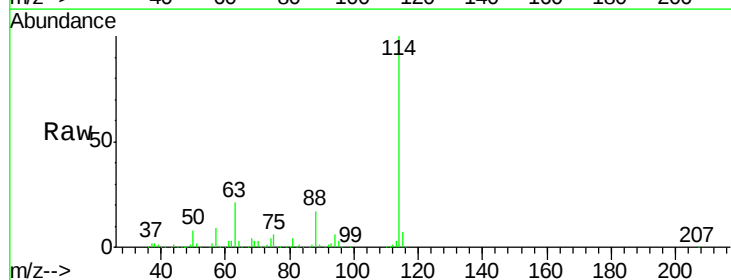
Instrument :
 MSVOA_X
 ClientSampleId :

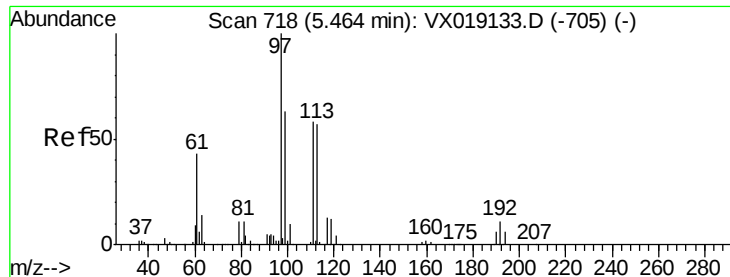
Tot Ion: 65 Resp: 202498
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019369.D
 Acq: 09 Nov 2020 15:44

Tgt Ion: 114 Resp: 500067
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.8
 88 17.1 0.0 34.2

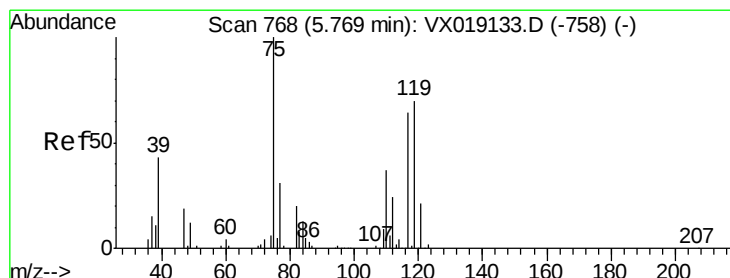
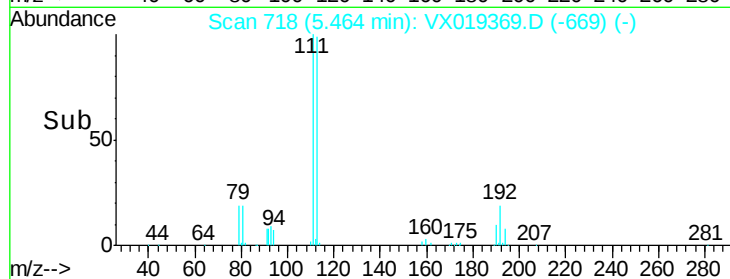
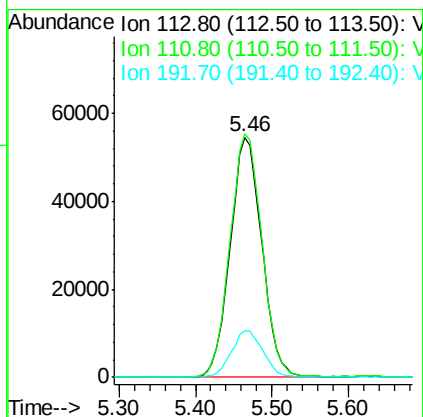
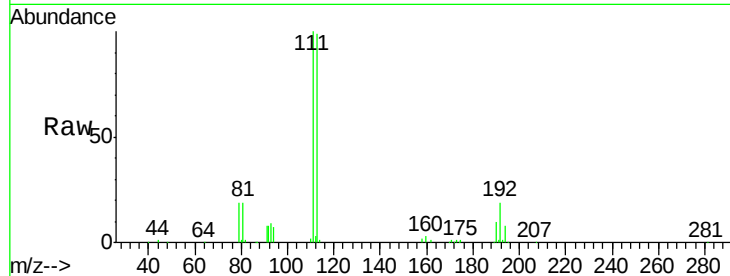




#35
 Dibromofluoromethane
 Concen: 49.829 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019369.D
 Acq: 09 Nov 2020 15:44

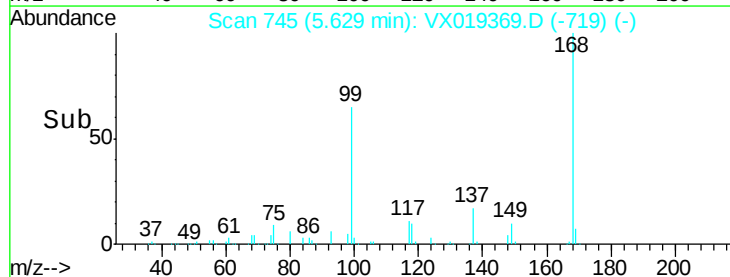
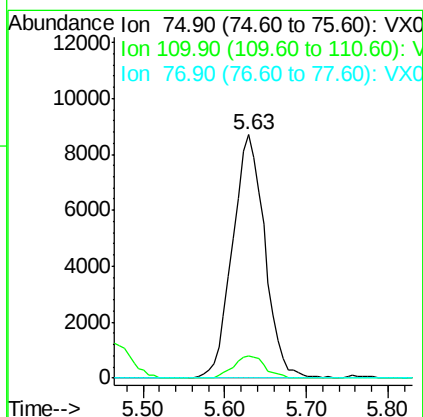
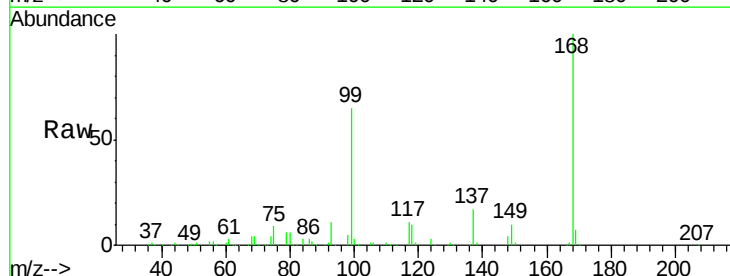
Instrument :
 MSVOA_X
 ClientSampleId :

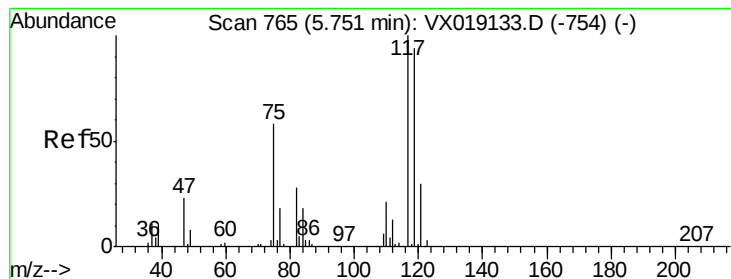
Tot Ion:113 Resp: 156519
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 19.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.159 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019369.D
 Acq: 09 Nov 2020 15:44

Tgt Ion: 75 Resp: 23825
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.3 54.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.341 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

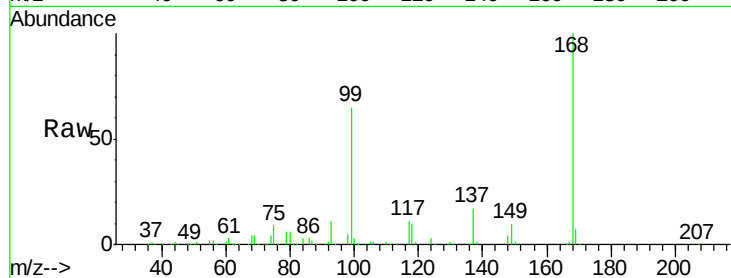
Tot Ion:117 Resp: 29846

Ion Ratio Lower Upper

117 100

119 4.7 75.0 112.6#

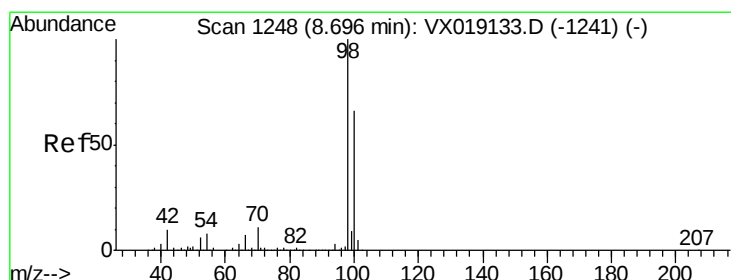
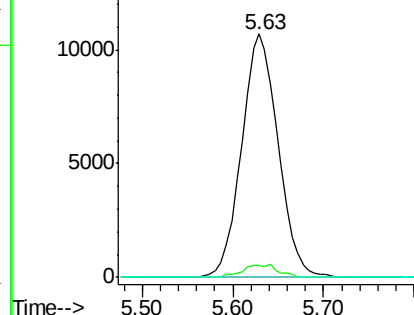
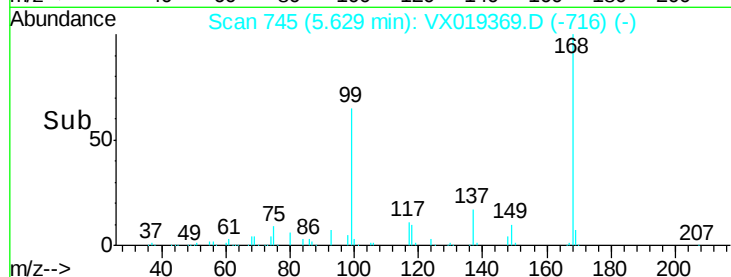
121 0.0 23.9 35.9#



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: 52.530 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019369.D

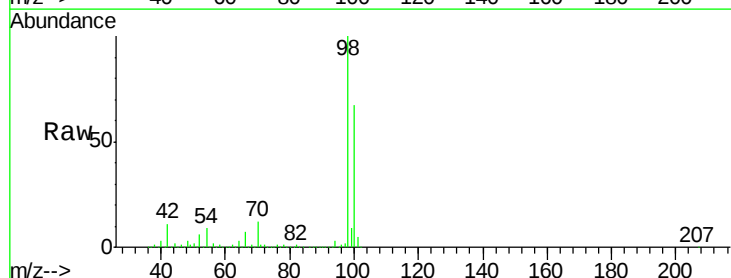
Acq: 09 Nov 2020 15:44

Tgt Ion: 98 Resp: 622005

Ion Ratio Lower Upper

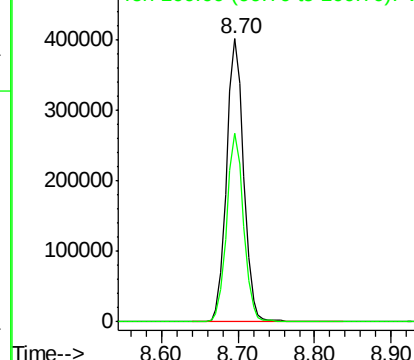
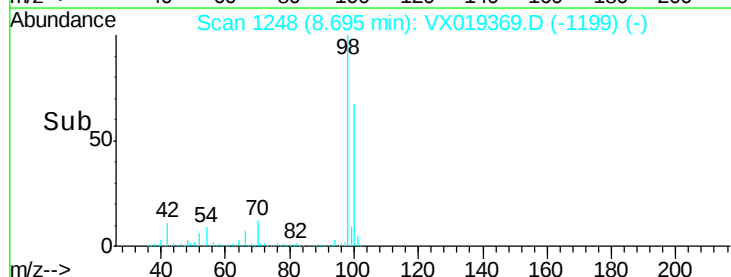
98 100

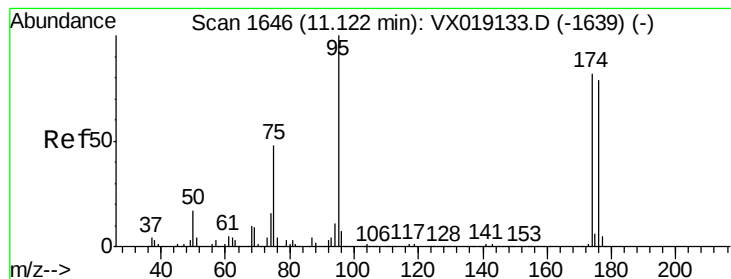
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.344 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

Instrument :

MSVOA_X

ClientSampled :

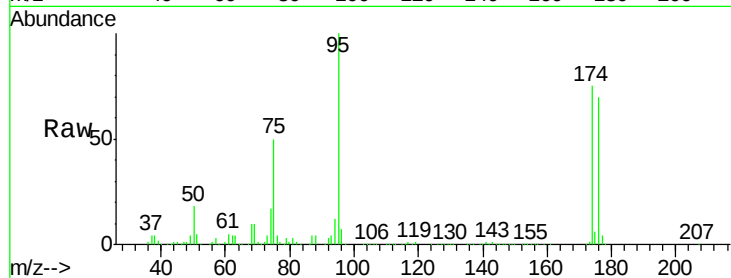
Tot Ion: 95 Resp: 243692

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

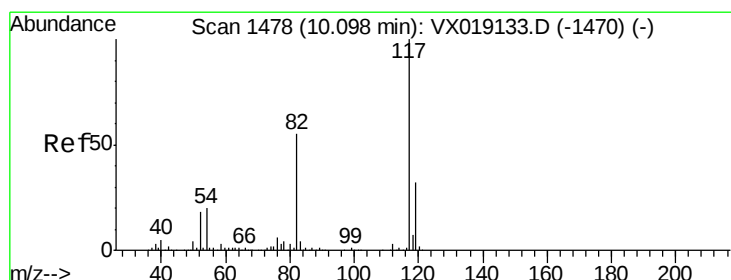
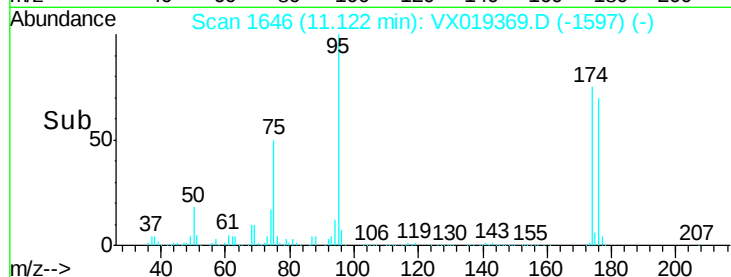
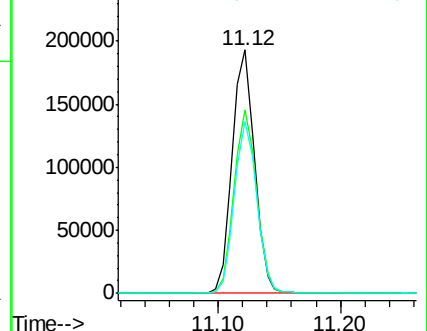
176 70.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019369.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019369.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019369.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

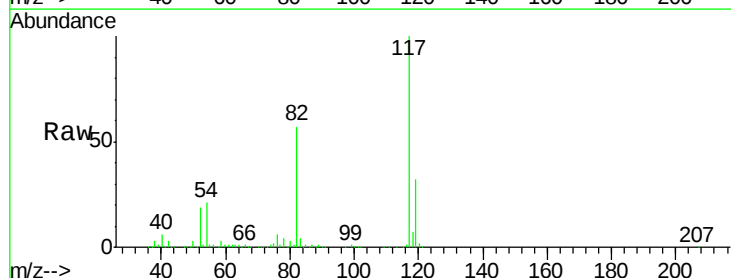
Tgt Ion: 117 Resp: 481049

Ion Ratio Lower Upper

117 100

82 57.0 43.6 65.4

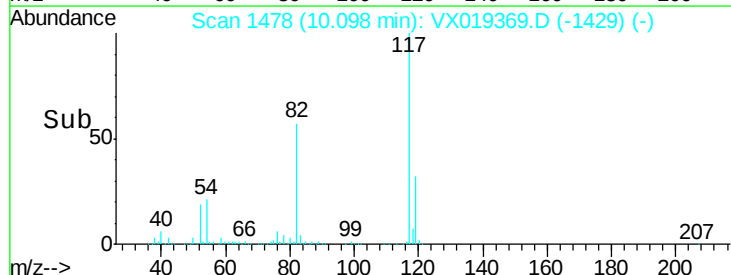
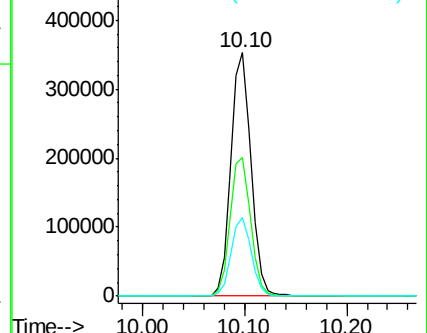
119 32.2 25.5 38.3

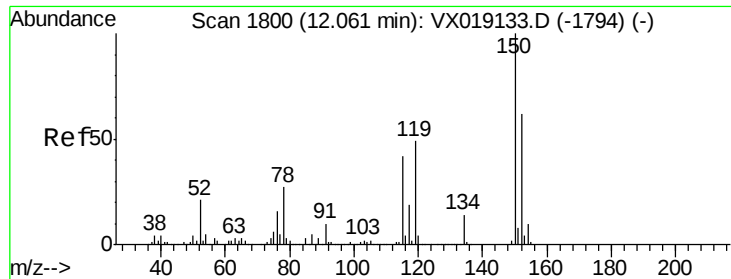


Abundance Ion 116.90 (116.60 to 117.60): VX019369.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019369.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019369.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019369.D

Acq: 09 Nov 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

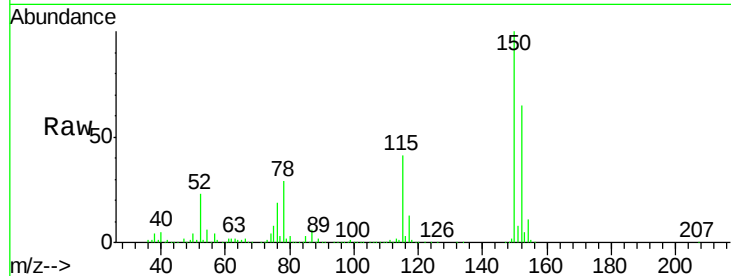
Tot Ion:152 Resp: 247516

Ion Ratio Lower Upper

152 100

115 60.8 41.9 125.7

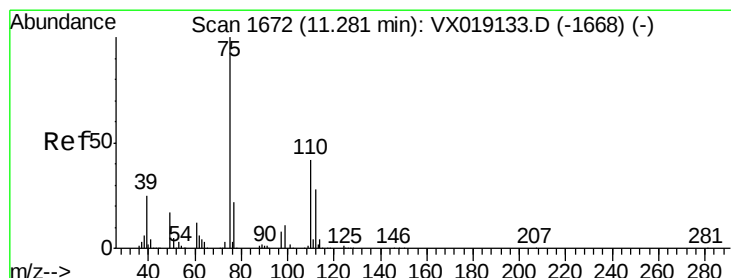
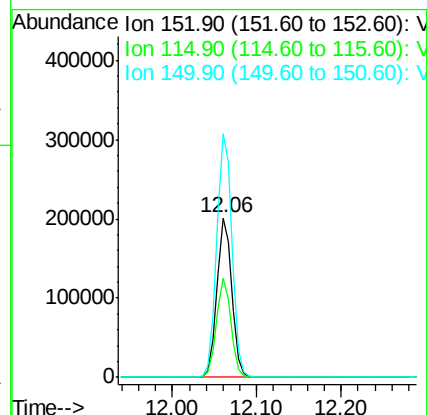
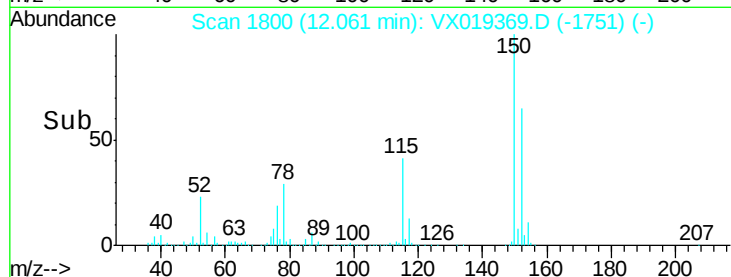
150 157.1 0.0 347.8



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: 24.503 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019369.D

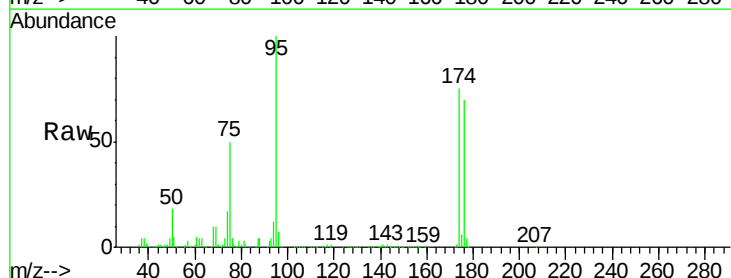
Acq: 09 Nov 2020 15:44

Tgt Ion: 75 Resp: 125227

Ion Ratio Lower Upper

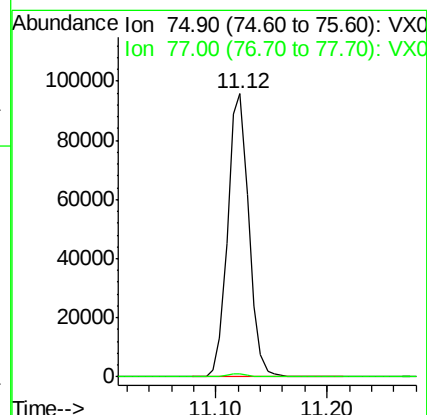
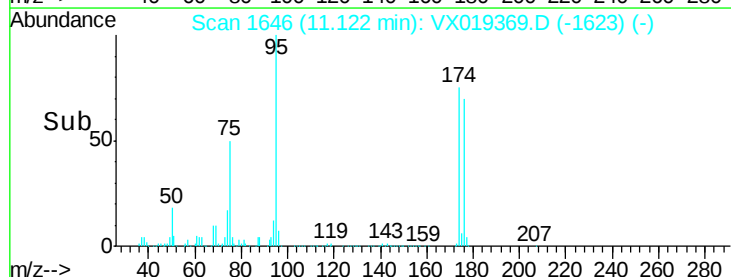
75 100

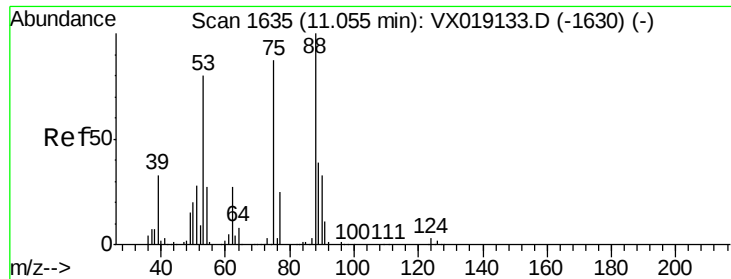
77 1.2 20.3 60.9#



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: 64.516 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019369.D
 Acq: 09 Nov 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 125227
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

