

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015747.D
 Acq On : 17 Apr 2020 18:40
 Operator : JC/SP
 Sample : L2283-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:18:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1026042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1627105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1576671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	859798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	626942	43.32	ug/l	0.00
Spiked Amount			Recovery	=	86.64%	
35) Dibromofluoromethane	5.47	113	482266	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
50) Toluene-d8	8.70	98	1918634	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.12	95	801348	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	

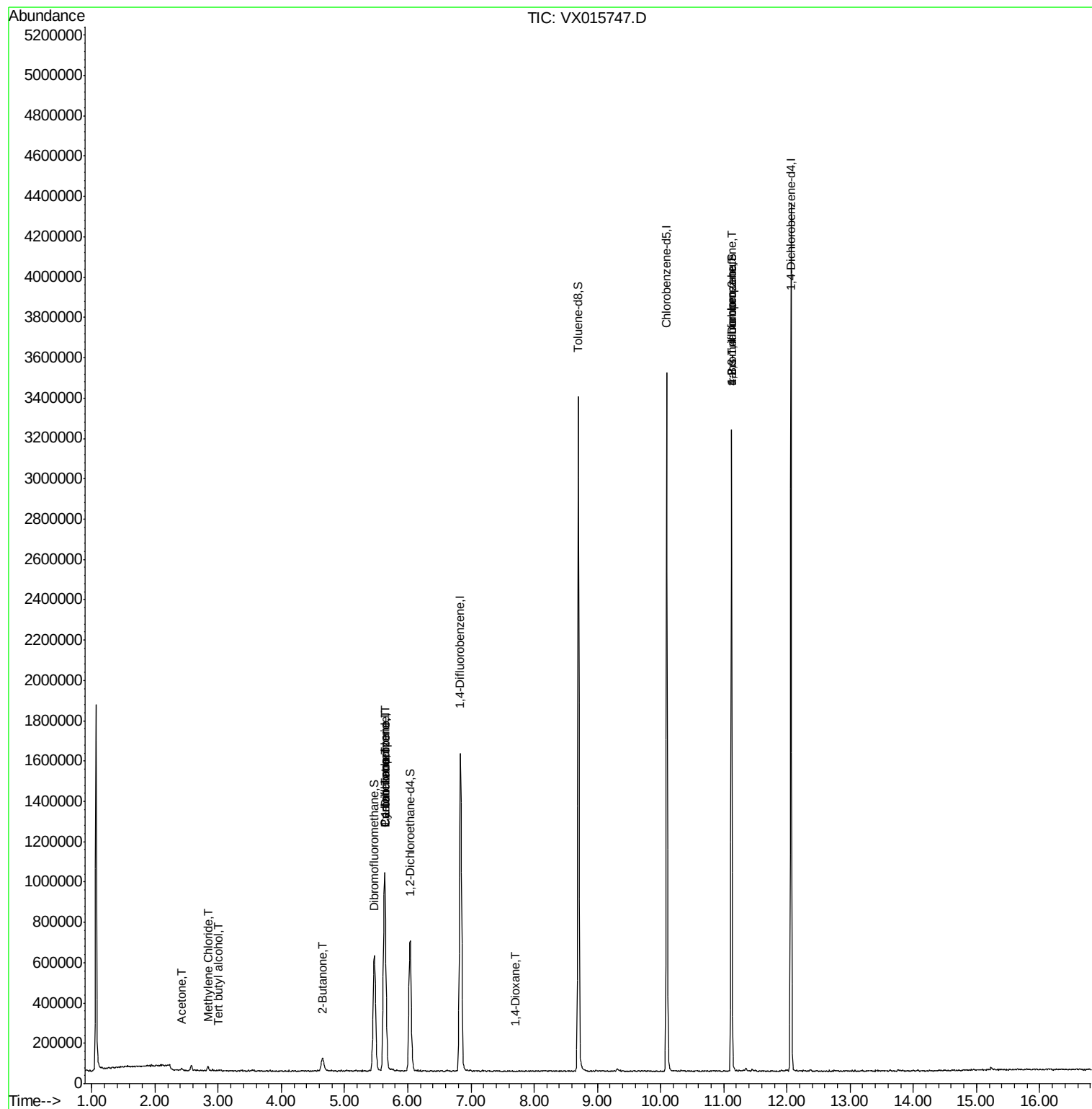
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1356	Below Cal	#	3
11) Tert butyl alcohol	3.00	59	3498	1.010	ug/l #	6
16) Acetone	2.42	43	14808	2.382	ug/l	92
20) Methylene Chloride	2.84	84	11322	0.975	ug/l #	83
25) 2-Butanone	4.65	43	8025	0.803	ug/l #	48
31) Cyclohexane	5.63	56	19169	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	72474	4.834	ug/l #	52
38) Carbon Tetrachloride	5.63	117	92643	5.705	ug/l #	15
49) 1,4-Dioxane	7.70	88	270	0.879	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	410467	23.215	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	410467	55.704	ug/l #	10

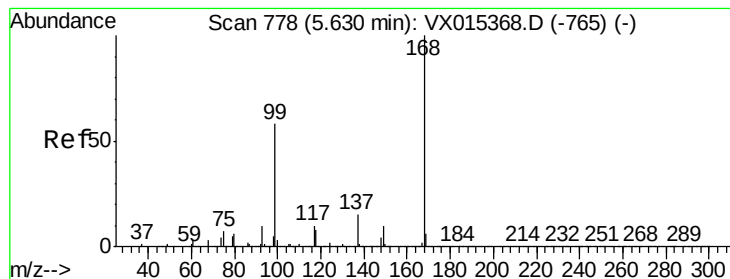
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015747.D
Acq On : 17 Apr 2020 18:40
Operator : JC/SP
Sample : L2283-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 01:18:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015747.D

Acq: 17 Apr 2020 18:40

Instrument :

MSVOA_X

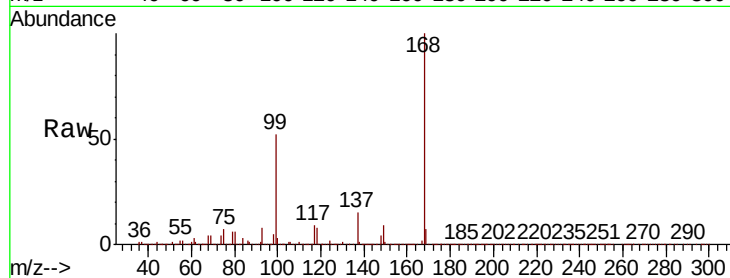
ClientSampleId :

Tot Ion:168 Resp: 1026042

Ion Ratio Lower Upper

168 100

99 51.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

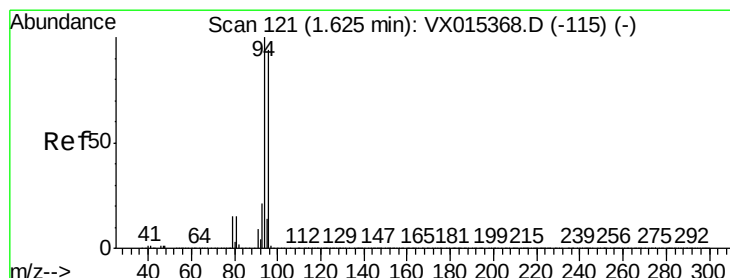
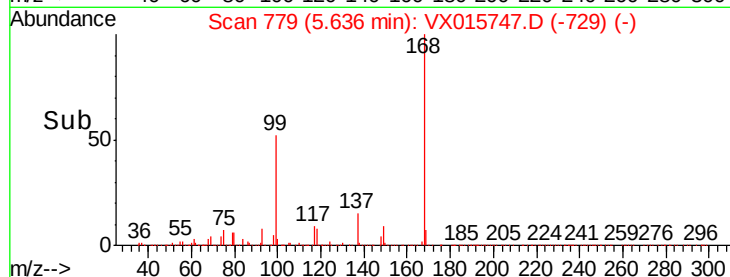
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 126

Delta R.T. 0.03 min

Lab File: VX015747.D

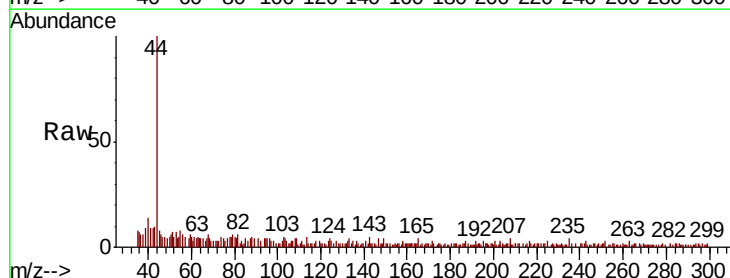
Acq: 17 Apr 2020 18:40

Tgt Ion: 94 Resp: 1356

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

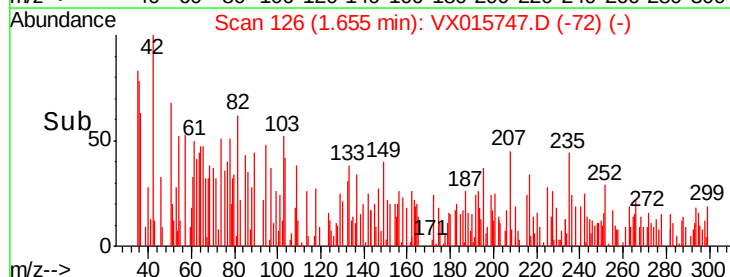
400

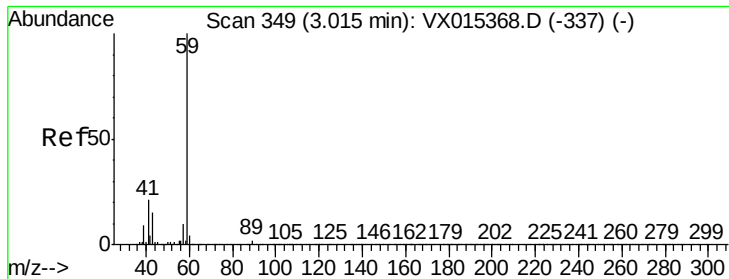
200

0

Time-->

1.60 1.65



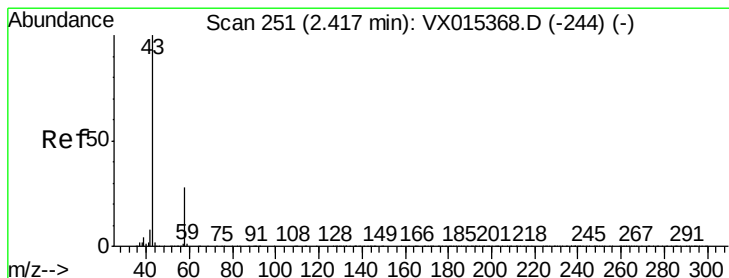
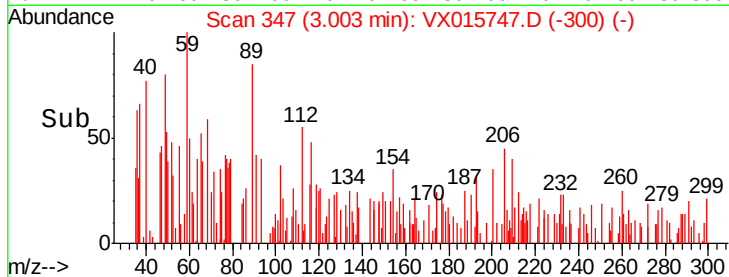
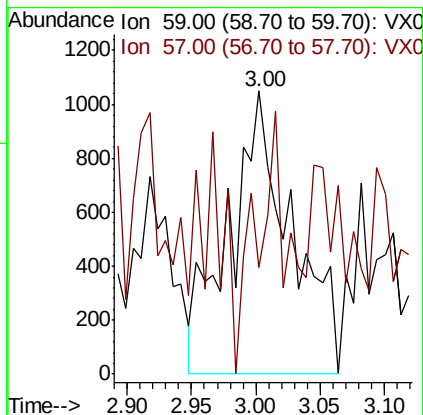
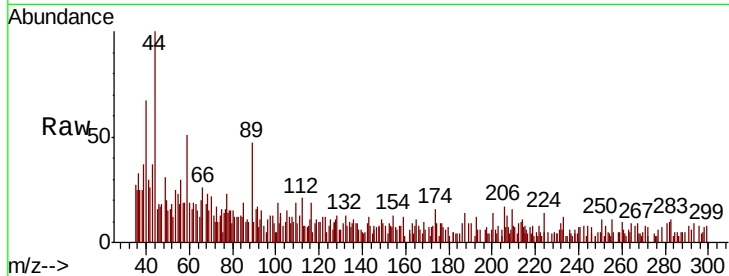


#11

Tert butyl alcohol
Concen: 1.010 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.01 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Instrument :
MSVOA_X
ClientSampled :

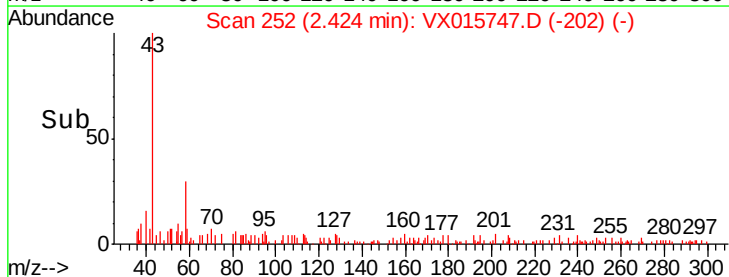
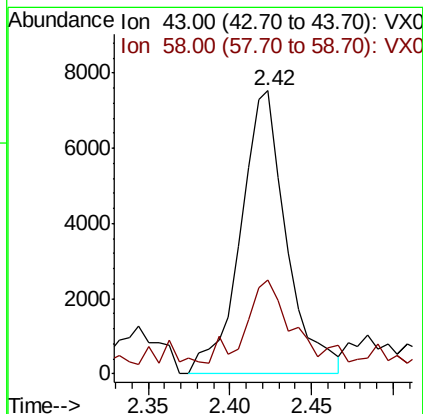
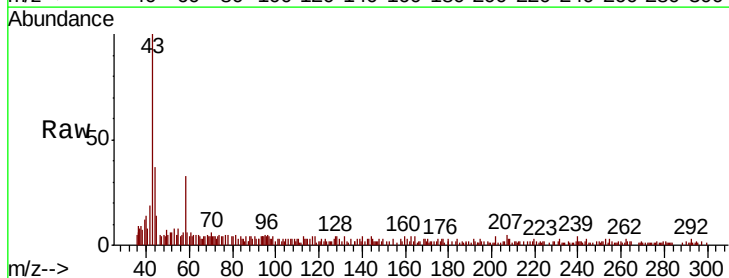
Tot Ion: 59 Resp: 3498
Ion Ratio Lower Upper
59 100
57 45.1 8.1 12.1#

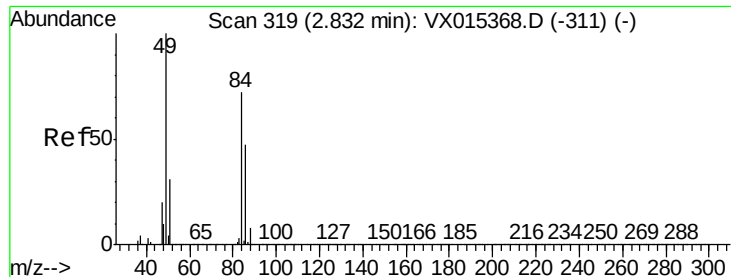


#16

Acetone
Concen: 2.382 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Tgt Ion: 43 Resp: 14808
Ion Ratio Lower Upper
43 100
58 23.3 22.1 33.1

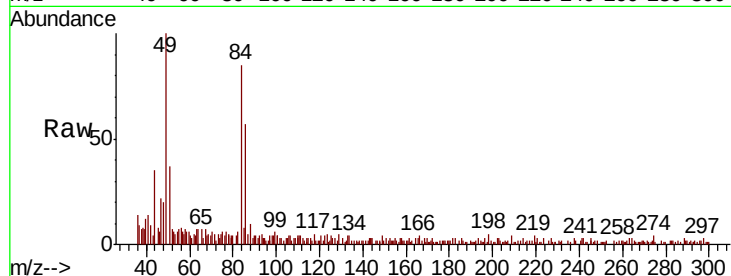




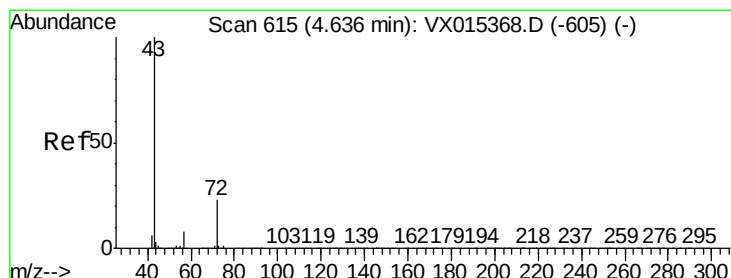
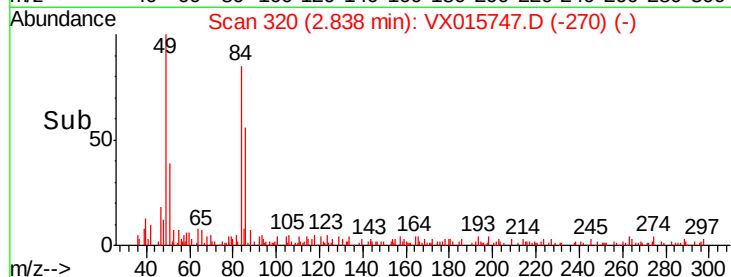
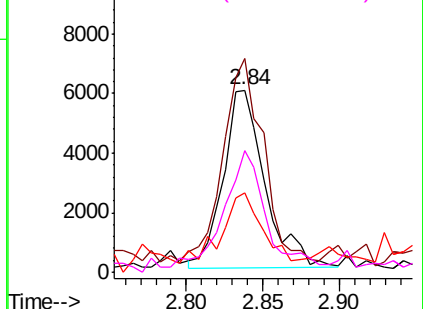
#20
Methylene Chloride
Concen: 0.975 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 84 Resp: 11322
Ion Ratio Lower Upper
84 100
49 110.1 111.3 166.9#
51 34.7 34.0 51.0
86 62.6 52.5 78.7

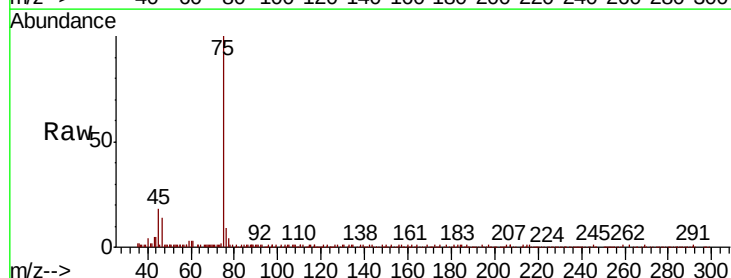


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

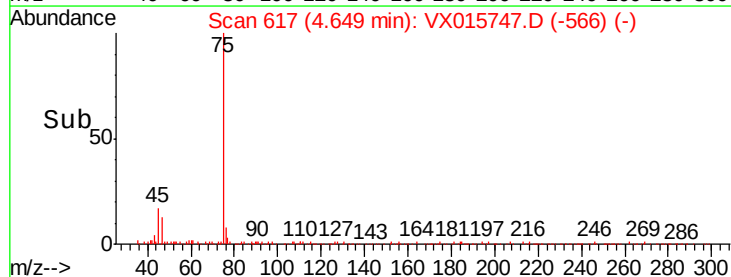
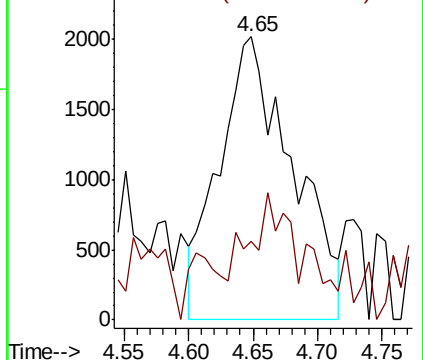


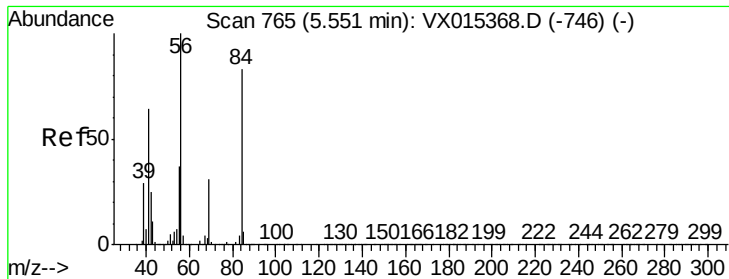
#25
2-Butanone
Concen: 0.803 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Tgt Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
72 49.1 19.0 28.4#



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

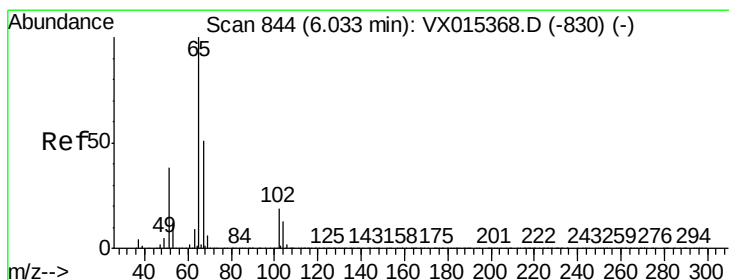
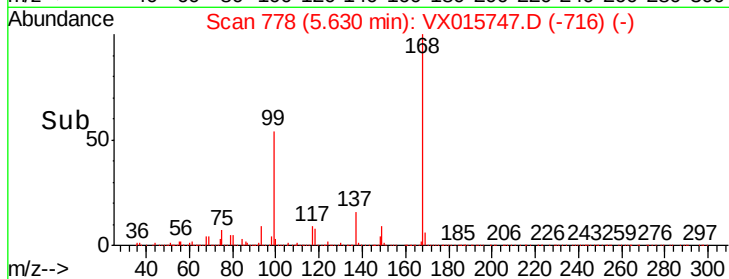
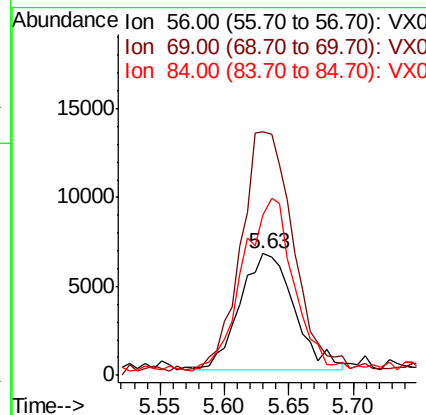
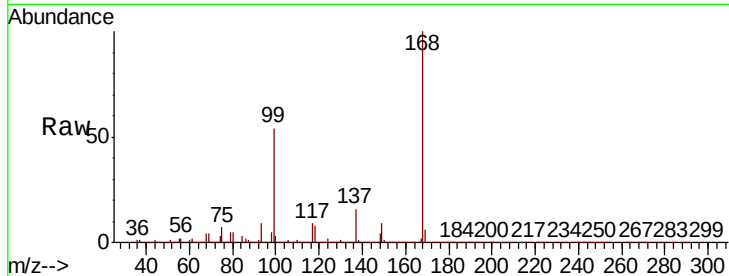




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.63 min Scan# 778
Delta R.T. 0.08 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

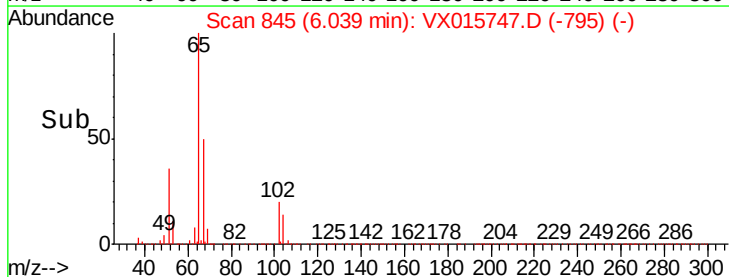
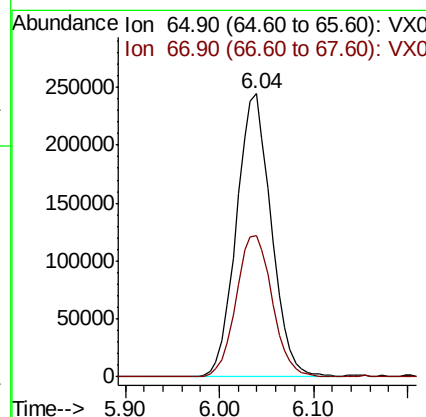
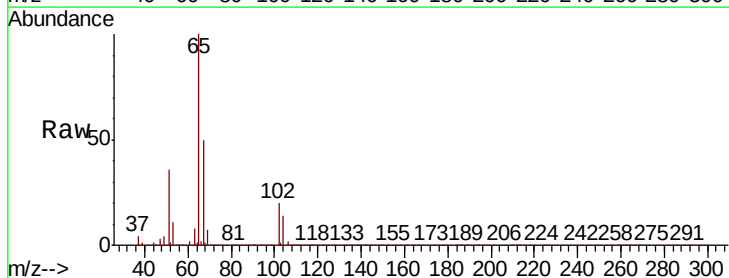
Instrument :
MSVOA_X
ClientSampleId :

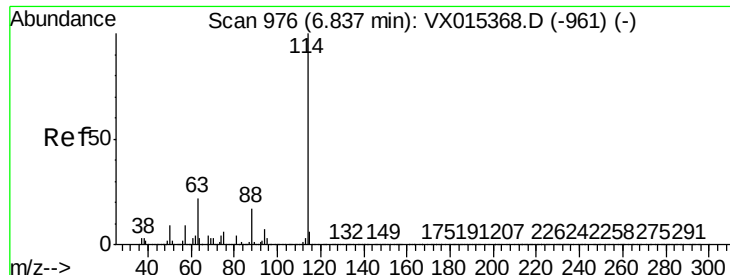
Tot Ion	Ratio	Lower	Upper
56	100		
69	206.6	24.6	36.8#
84	136.6	66.1	99.1#



#33
1,2-Dichloroethane-d4
Concen: 43.323 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

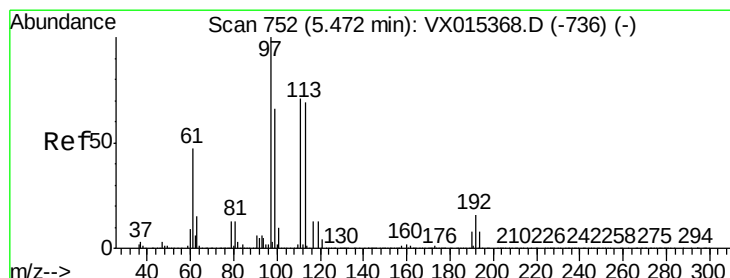
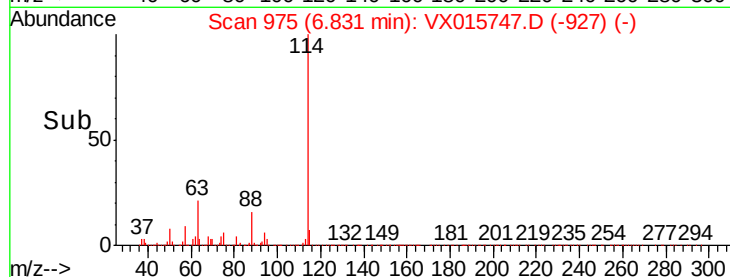
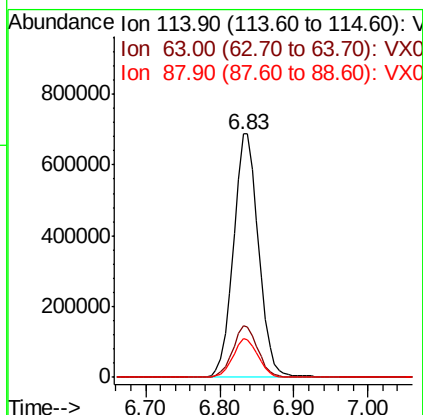
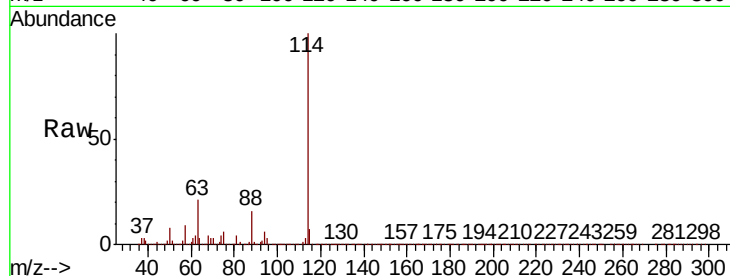




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

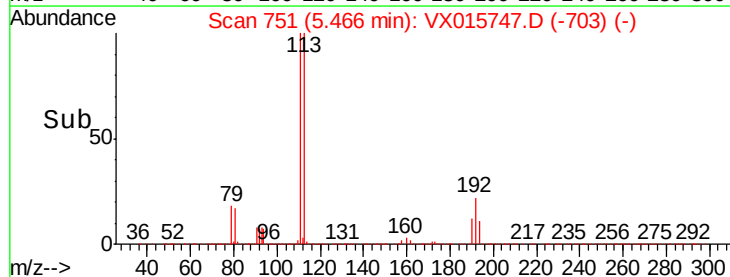
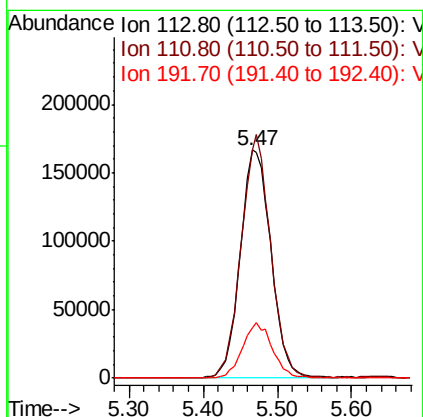
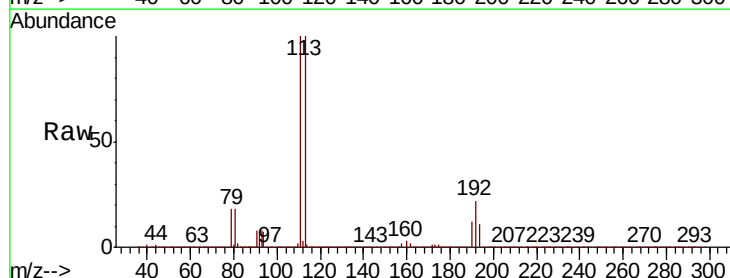
Instrument :
 MSVOA_X
 ClientSampleId :

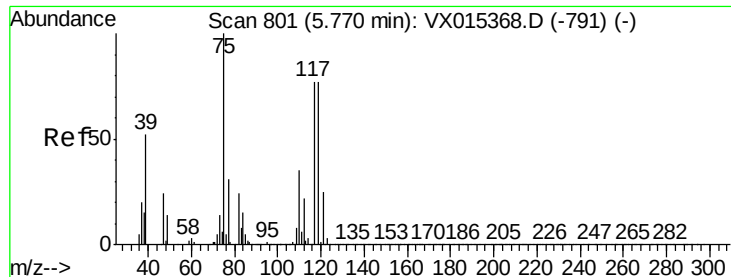
Tot Ion:114 Resp: 1627105
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.2
 88 15.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 46.368 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

Tgt Ion:113 Resp: 482266
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.3 17.8 26.6

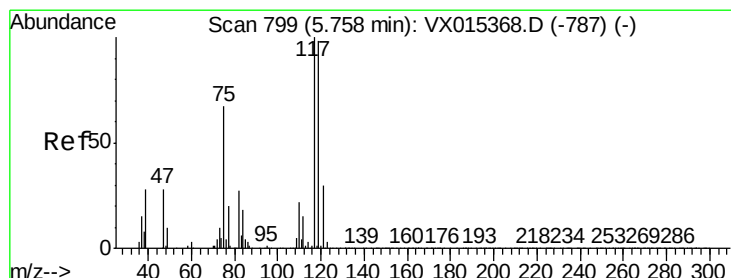
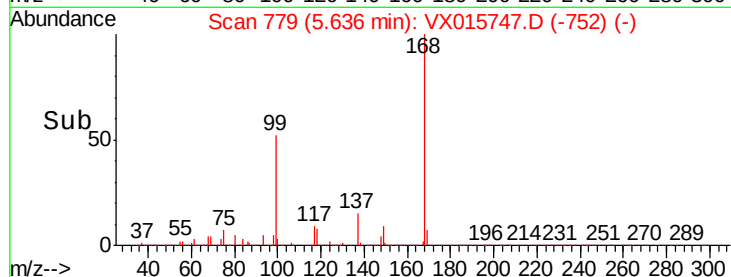
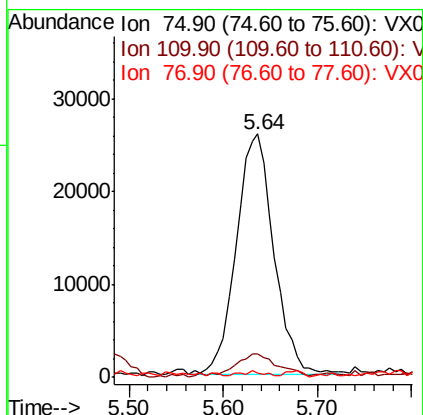
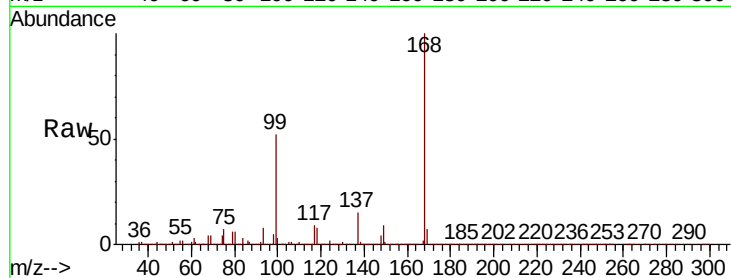




#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

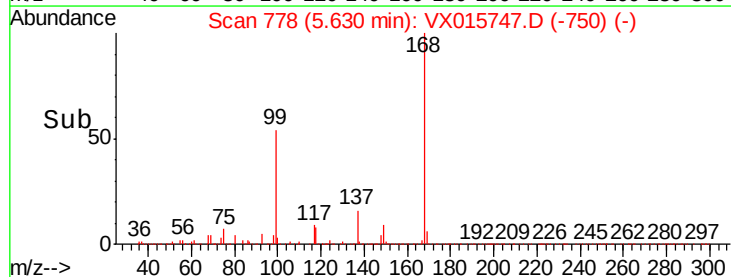
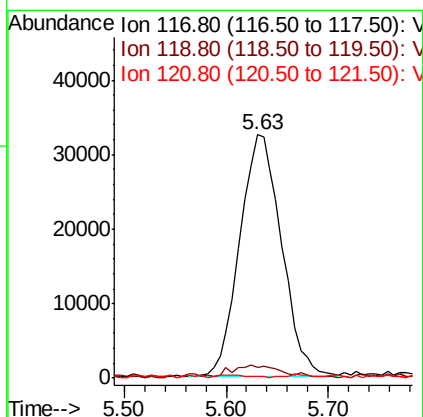
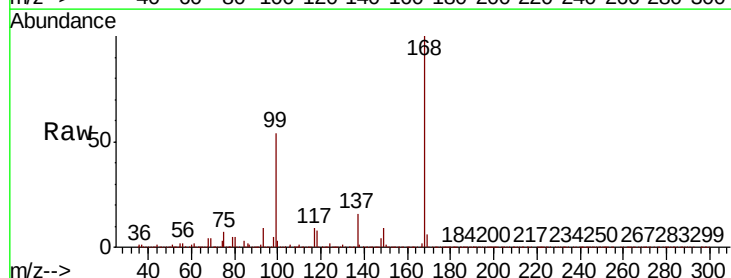
Instrument :
 MSVOA_X
 ClientSampleId :

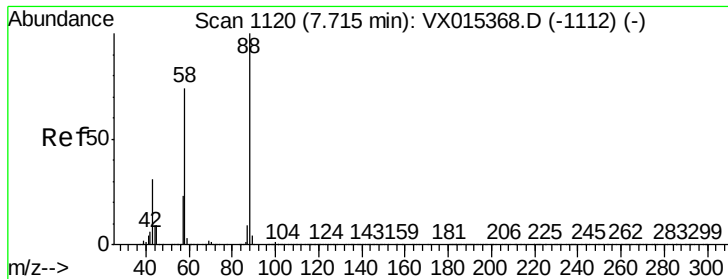
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.3#
77	0.9	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.705 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.0	117.0#
121	0.3	23.8	35.8#

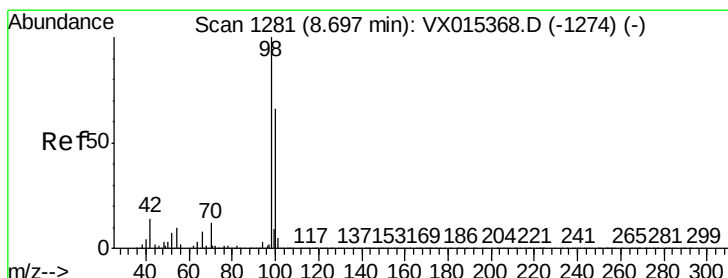
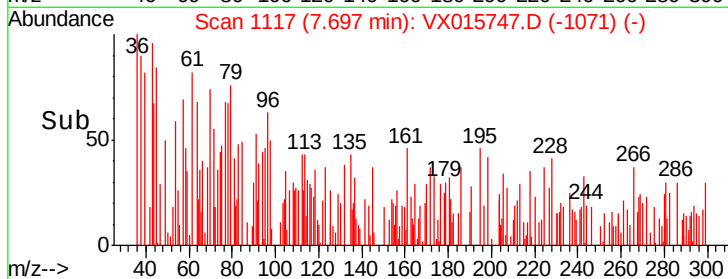
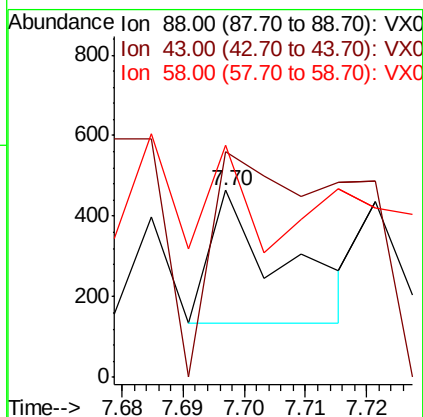
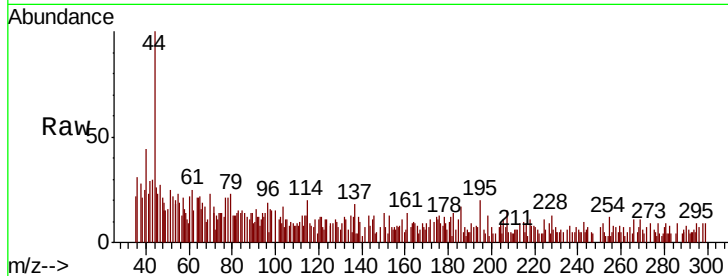




#49
1,4-Dioxane
Concen: 0.879 ug/l
RT: 7.70 min Scan# 1117
Delta R.T. -0.02 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

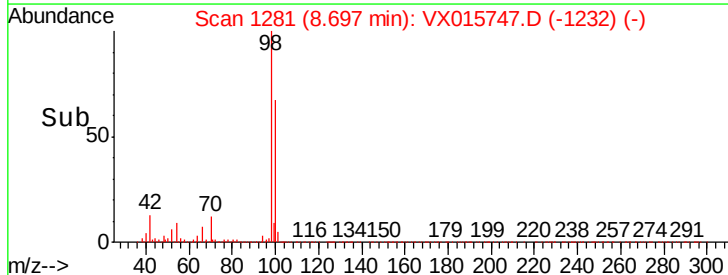
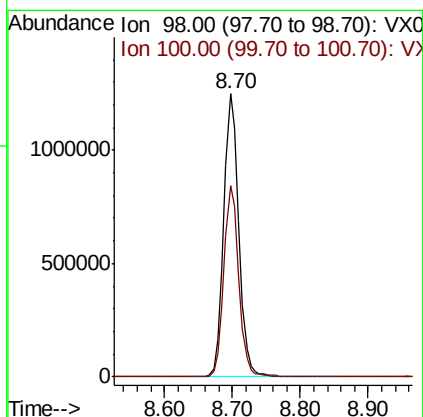
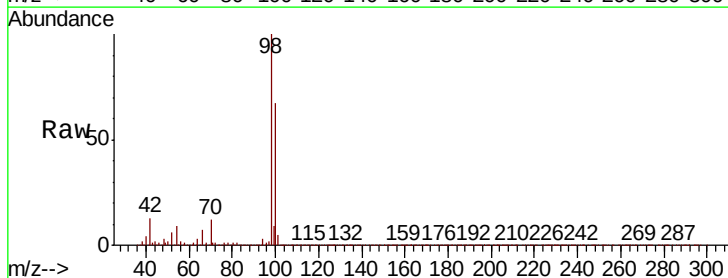
Instrument :
MSVOA_X
ClientSampleId :

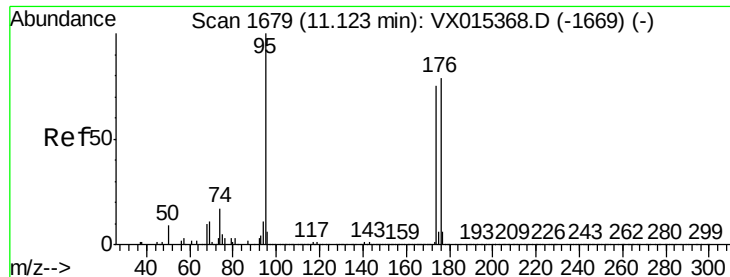
Tot Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 336.3 30.1 45.1#
58 0.0 60.6 90.8#



#50
Toluene-d8
Concen: 50.104 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015747.D
Acq: 17 Apr 2020 18:40

Tgt Ion: 98 Resp: 1918634
Ion Ratio Lower Upper
98 100
100 67.0 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 51.492 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015747.D

Acq: 17 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

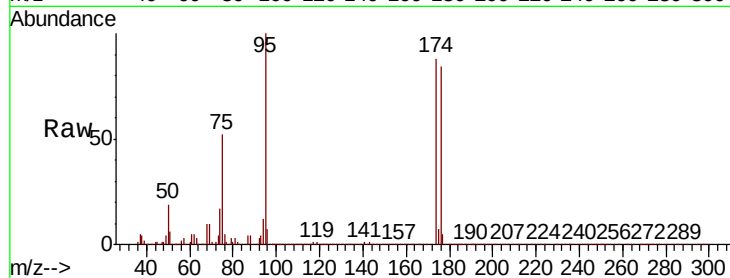
Tot Ion: 95 Resp: 801348

Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.6

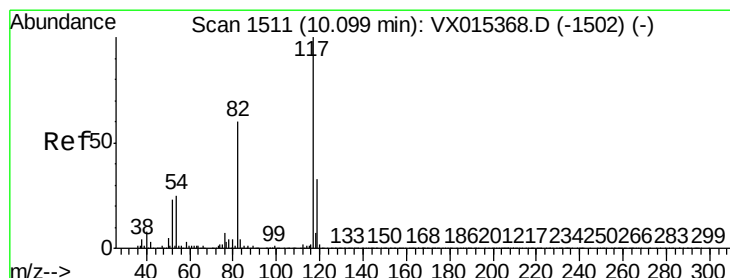
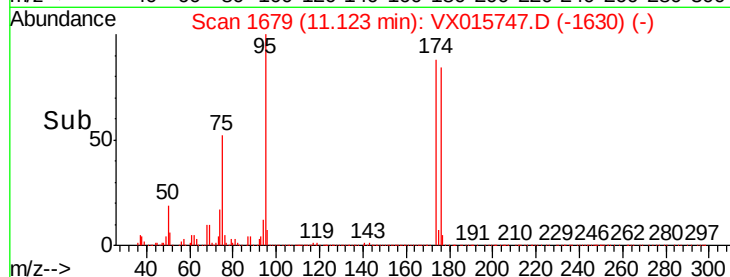
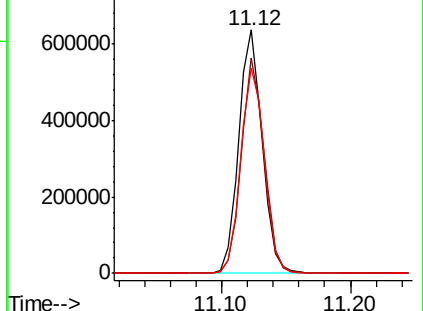
176 85.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015747.D

Acq: 17 Apr 2020 18:40

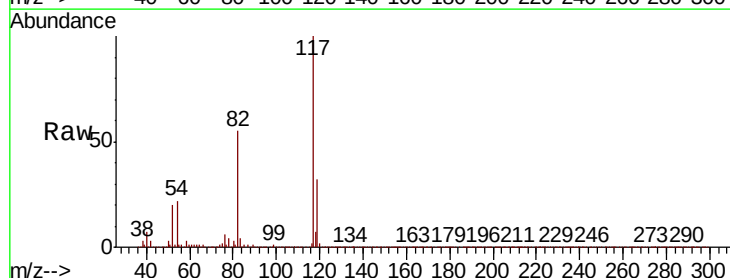
Tgt Ion: 117 Resp: 1576671

Ion Ratio Lower Upper

117 100

82 55.4 47.8 71.8

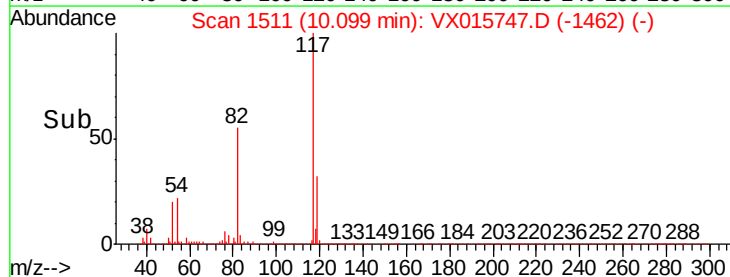
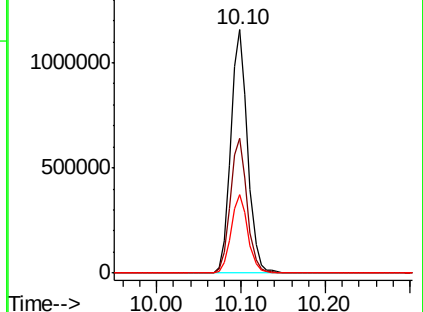
119 32.1 26.8 40.2

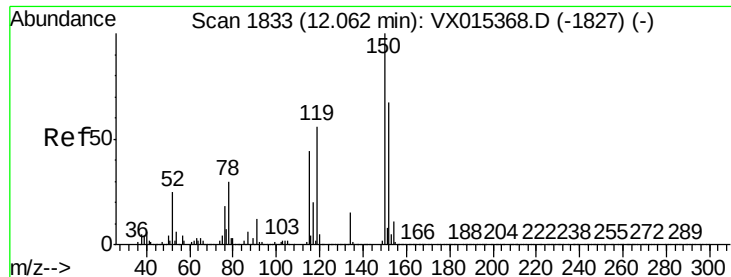


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

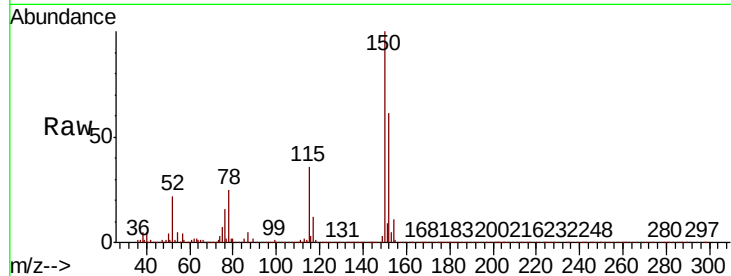




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	156.4	0.0	340.8

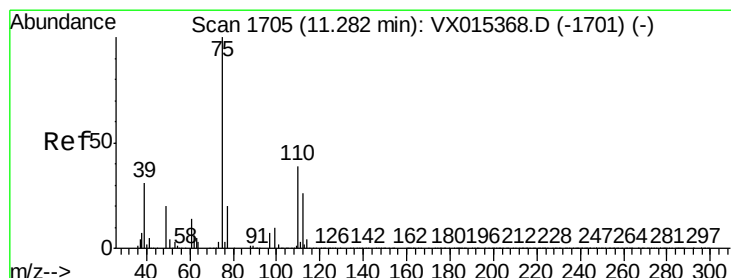
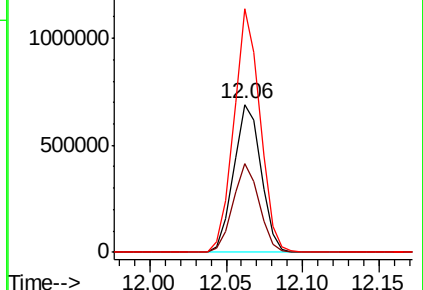
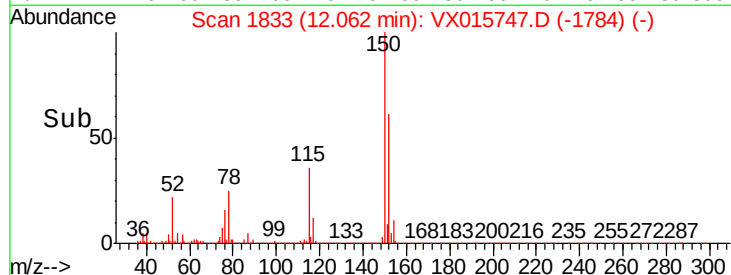


Abundance

Ion 151.90 (151.60 to 152.60): V

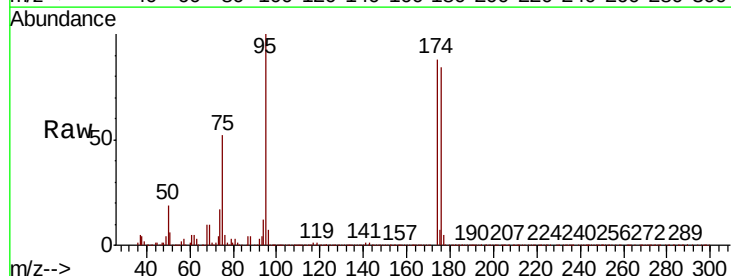
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76
 1,2,3-Trichloropropane
 Concen: 23.215 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015747.D
 Acq: 17 Apr 2020 18:40

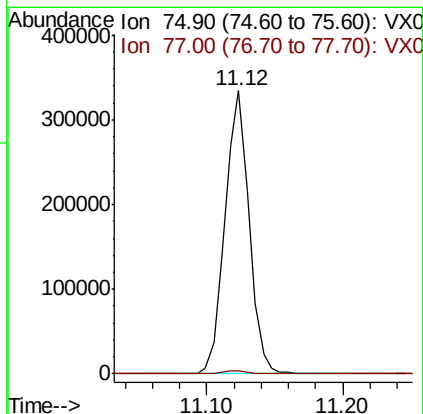
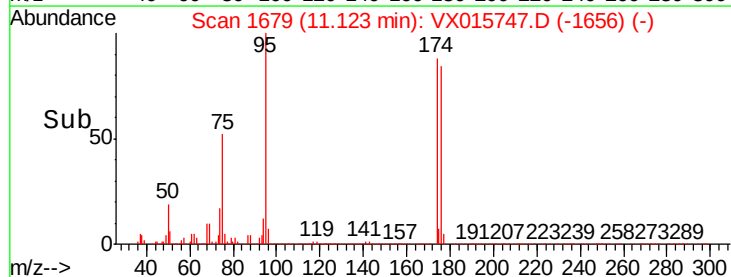
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.2	63.6

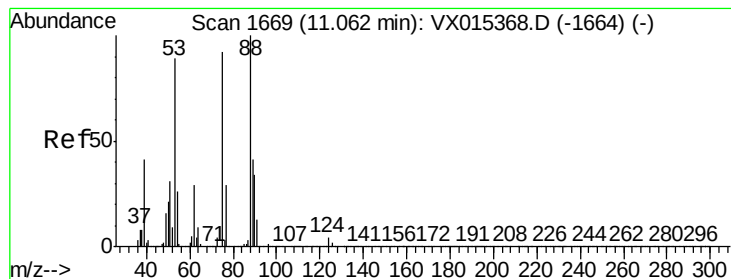


Abundance

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: 55.704 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015747.D

Acq: 17 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

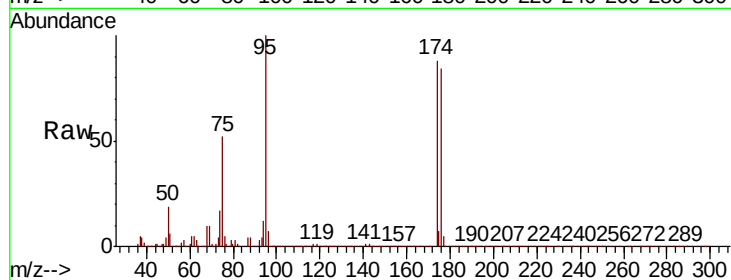
Tot Ion: 75 Resp: 410467

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.1 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

