

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015621.D
 Acq On : 10 Apr 2020 15:11
 Operator : JC/SP
 Sample : L2209-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:31:16 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	5.63	168	1084139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1725130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1620699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	889216	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	696024	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
35) Dibromofluoromethane	5.47	113	509080	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
50) Toluene-d8	8.70	98	2028189	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	863414	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	

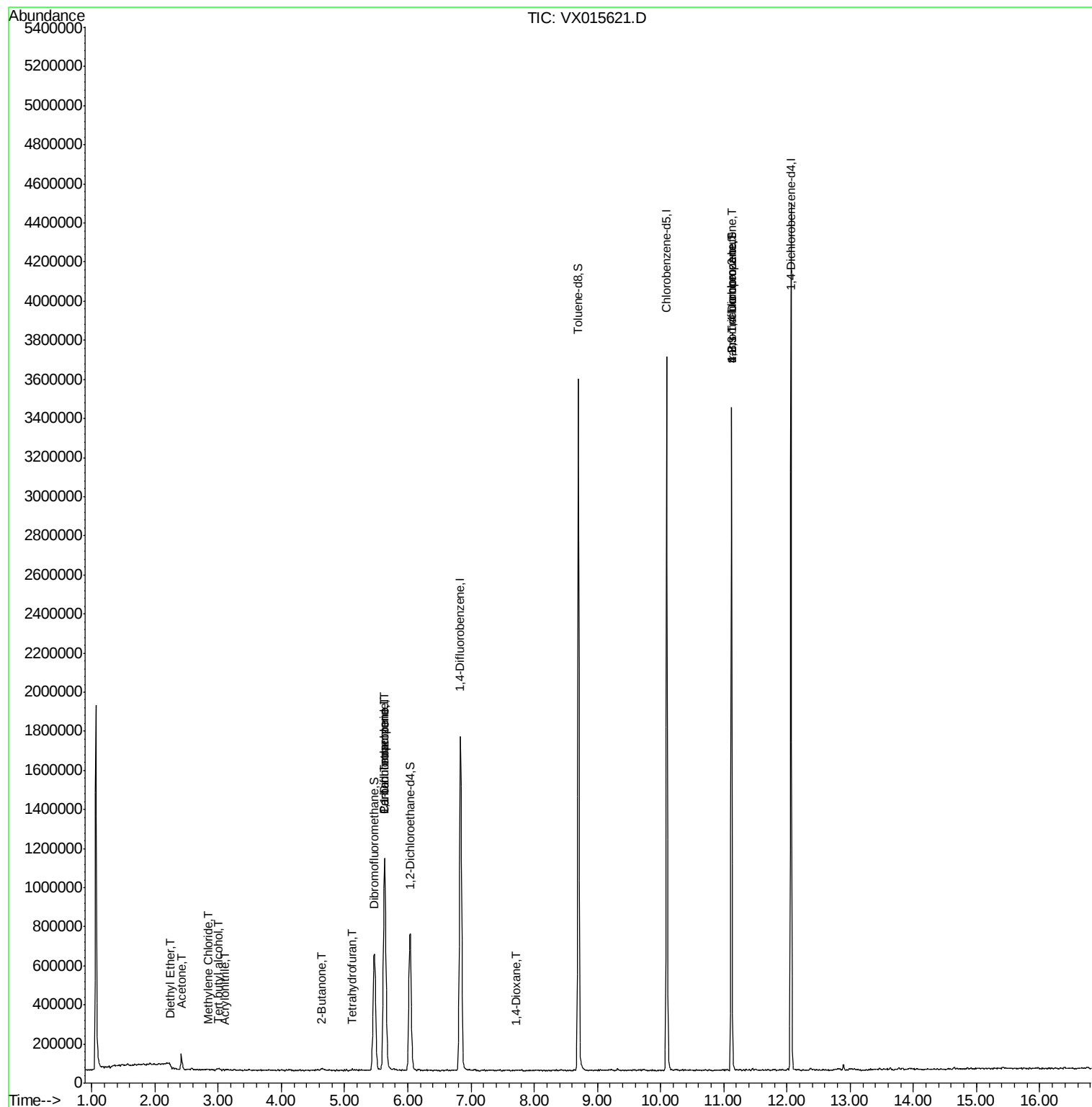
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	557	Below Cal	#	3
8) Diethyl Ether	2.25	74	1706	0.270	ug/l	67
11) Tert butyl alcohol	3.01	59	10915	2.982	ug/l	99
15) Acrylonitrile	3.11	53	1617	0.232	ug/l #	72
16) Acetone	2.42	43	87911	13.382	ug/l	100
20) Methylene Chloride	2.84	84	2708	0.221	ug/l #	55
25) 2-Butanone	4.63	43	2148	0.203	ug/l	98
29) Tetrahydrofuran	5.12	42	4579	0.674	ug/l #	85
36) 1,1-Dichloropropene	5.63	75	78857	4.961	ug/l #	53
38) Carbon Tetrachloride	5.64	117	100614	5.844	ug/l #	14
49) 1,4-Dioxane	7.71	88	443	1.361	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	449618	24.588	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	449618	58.998	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041020\
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Instrument :
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Quant Time: Apr 11 00:31:16 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



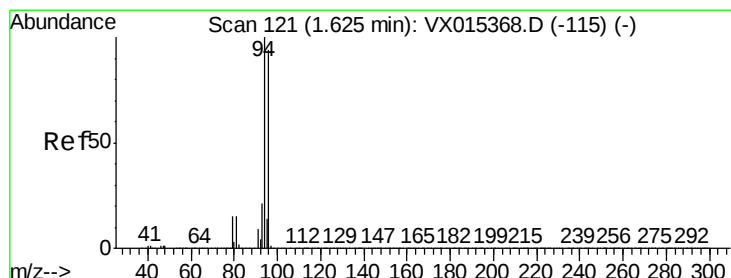
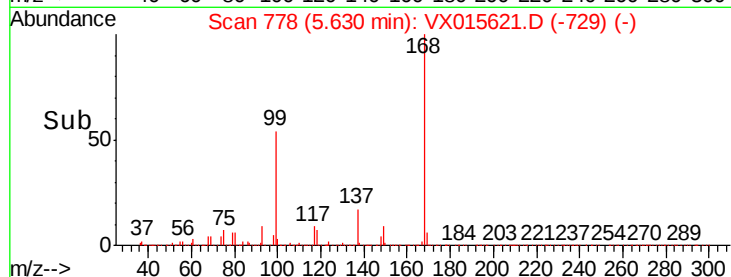
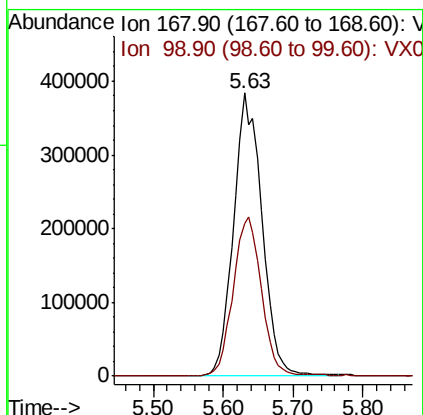
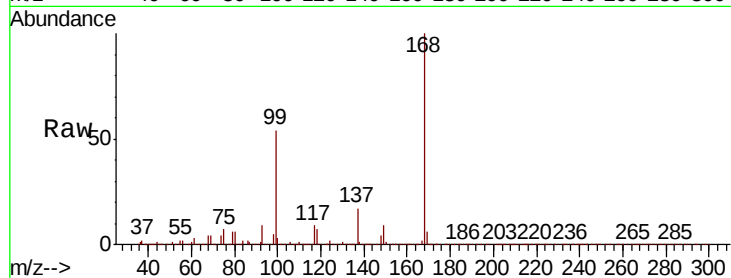


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015621.D
 Acq: 10 Apr 2020 15:11

Instrument :
 MSVOA_X
 ClientSampleId :

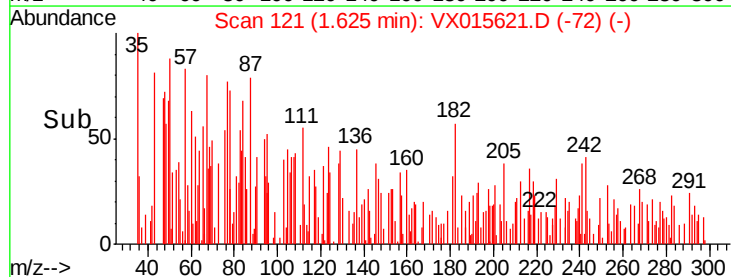
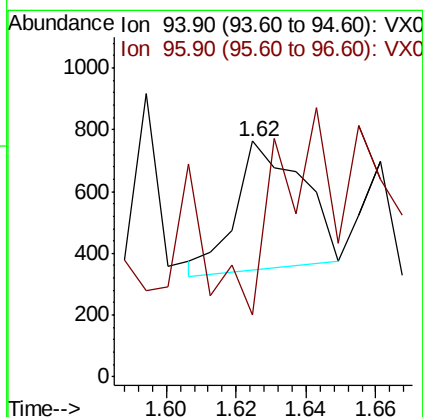
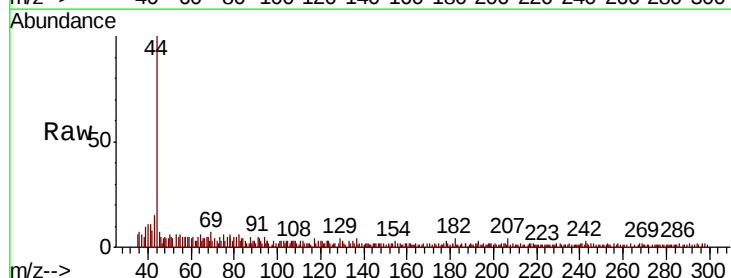
Tot Ion:168 Resp: 1084139
 Ion Ratio Lower Upper
 168 100
 99 53.8 46.4 69.6

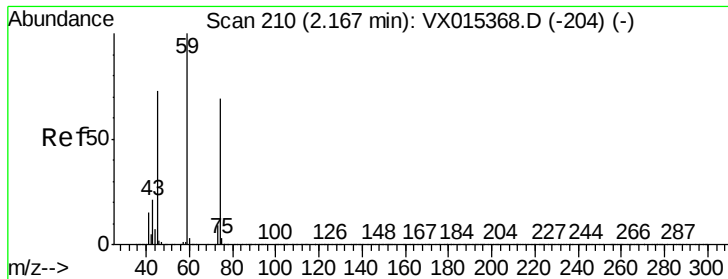


#5

Bromomethane
 Concen: Below Cal
 RT: 1.62 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX015621.D
 Acq: 10 Apr 2020 15:11

Tgt Ion: 94 Resp: 557
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#





#8

Diethyl Ether

Concen: 0.270 ug/l

RT: 2.25 min Scan# 223

Delta R.T. 0.08 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

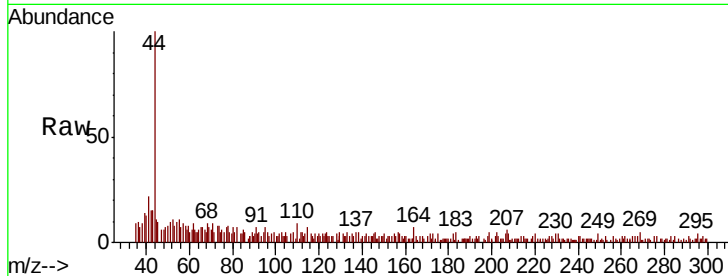
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 74 Resp: 1706

Ion Ratio Lower Upper

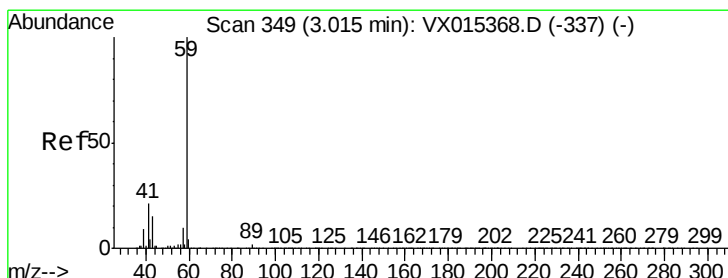
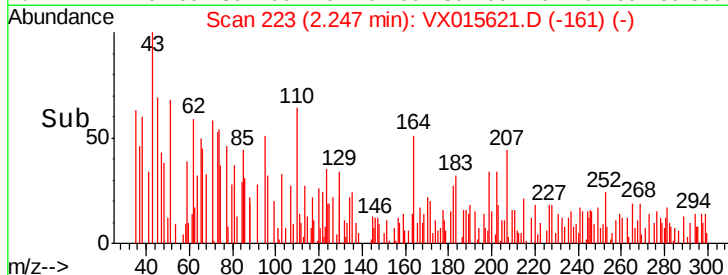
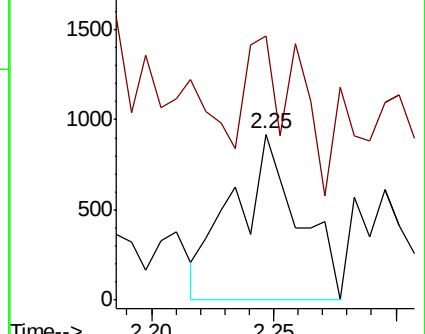
74 100

45 73.3 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 2.982 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015621.D

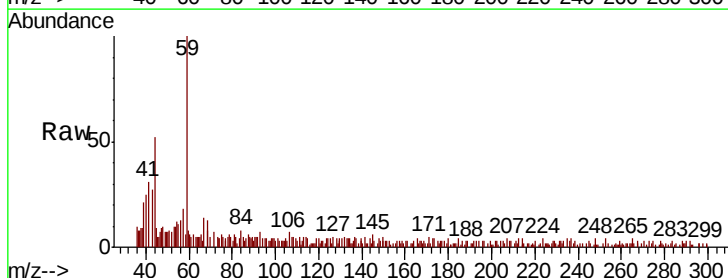
Acq: 10 Apr 2020 15:11

Tgt Ion: 59 Resp: 10915

Ion Ratio Lower Upper

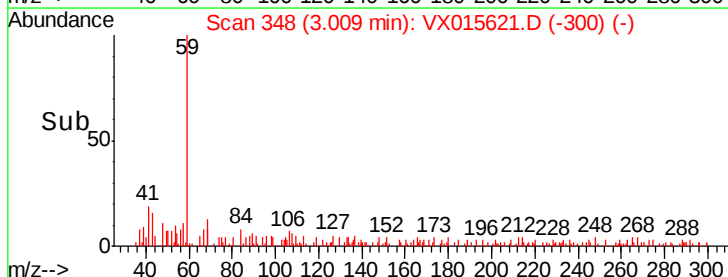
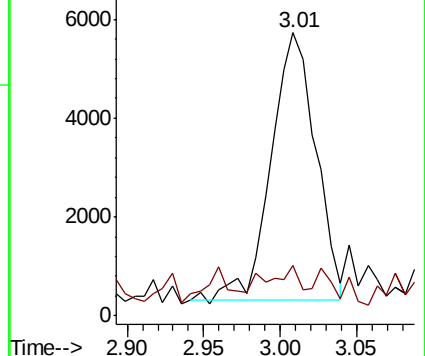
59 100

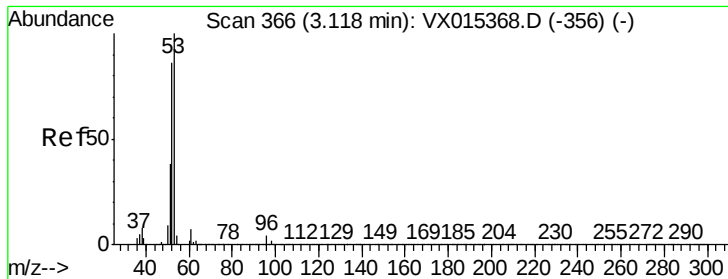
57 9.6 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#15

Acrylonitrile

Concen: 0.232 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

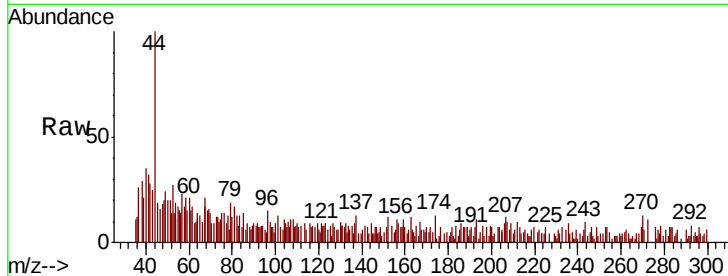
Tot Ion: 53 Resp: 1617

Ion Ratio Lower Upper

53 100

52 111.1 66.8 100.2#

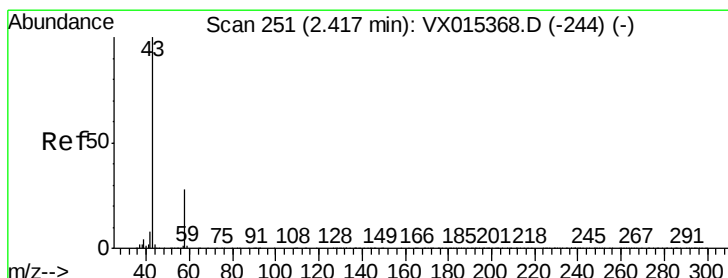
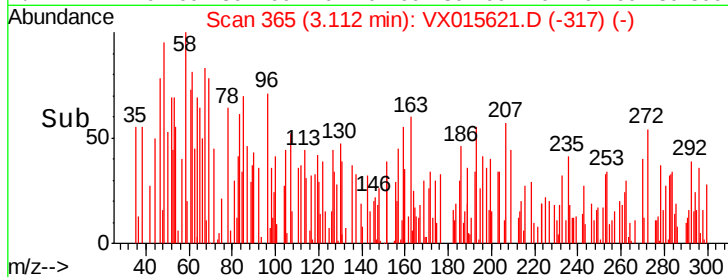
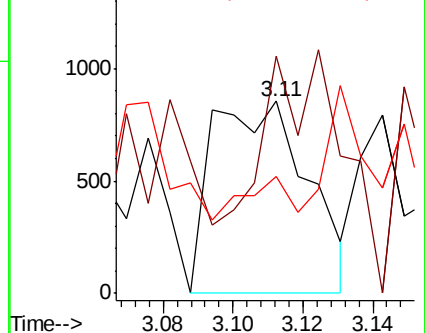
51 23.3 29.5 44.3#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 13.382 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015621.D

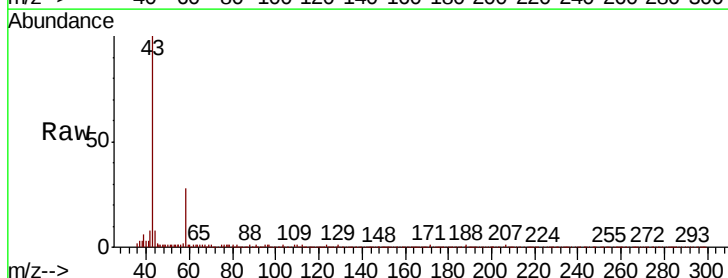
Acq: 10 Apr 2020 15:11

Tgt Ion: 43 Resp: 87911

Ion Ratio Lower Upper

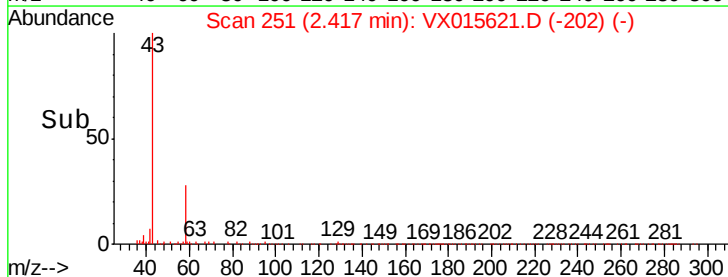
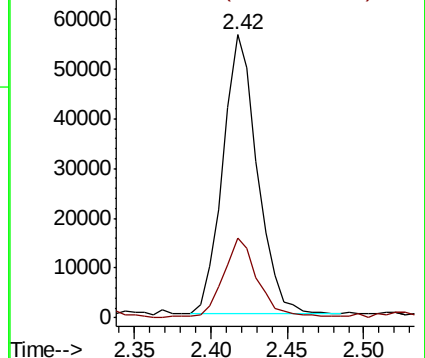
43 100

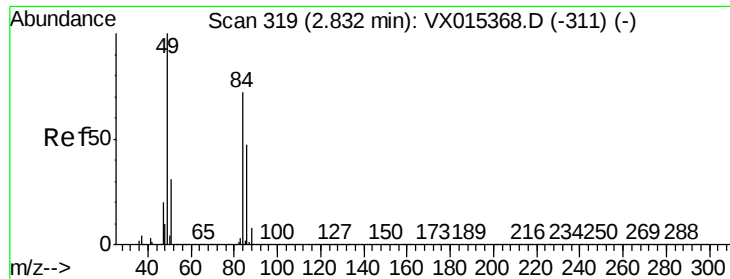
58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

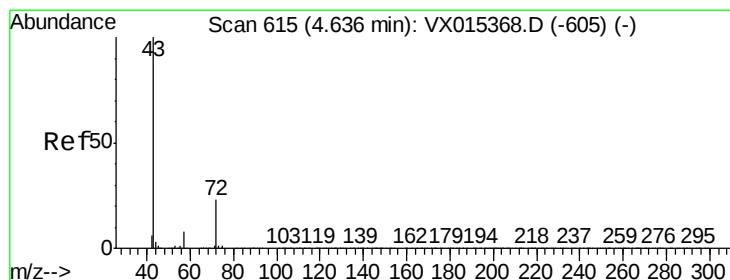
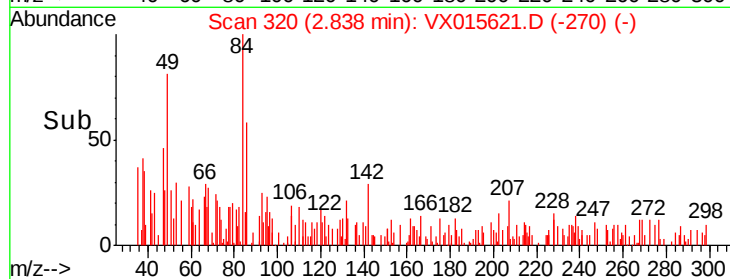
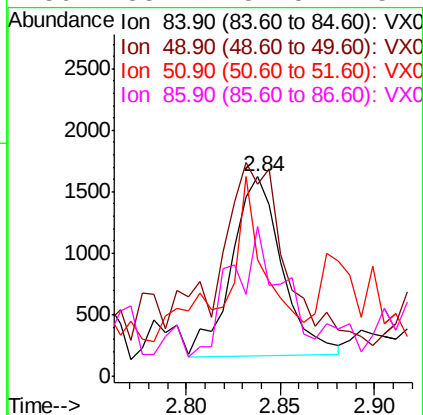
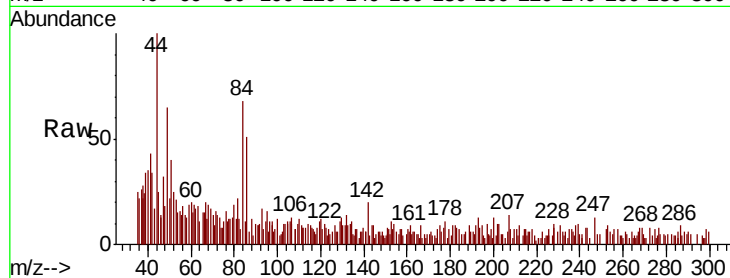




#20
Methvlene Chloride
Concen: 0.221 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

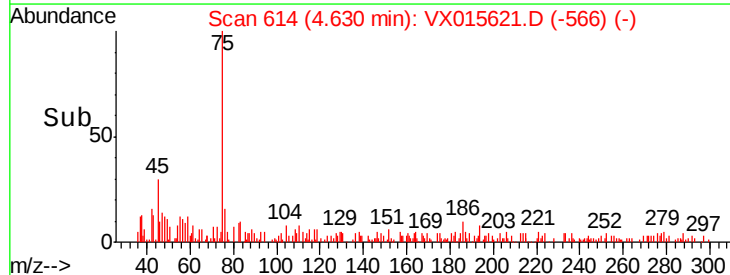
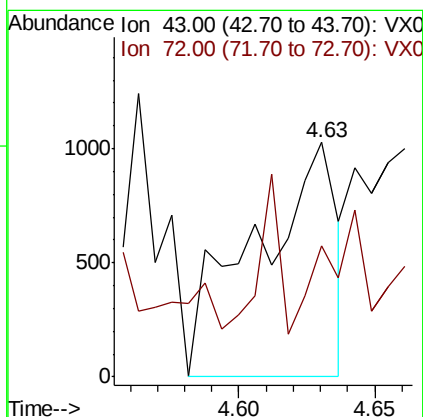
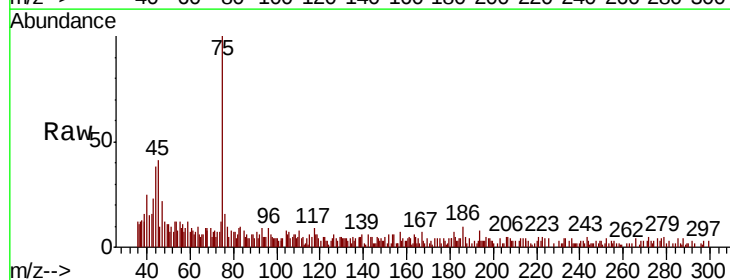
Instrument :
MSVOA_X
ClientSampled :

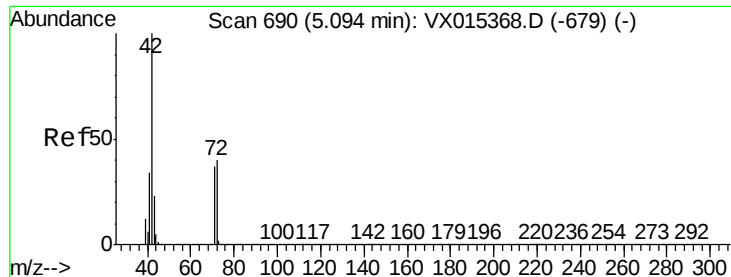
Tot Ion: 84 Resp: 2708
Ion Ratio Lower Upper
84 100
49 63.7 111.3 166.9#
51 28.6 34.0 51.0#
86 83.1 52.5 78.7#



#25
2-Butanone
Concen: 0.203 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

Tgt Ion: 43 Resp: 2148
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.4

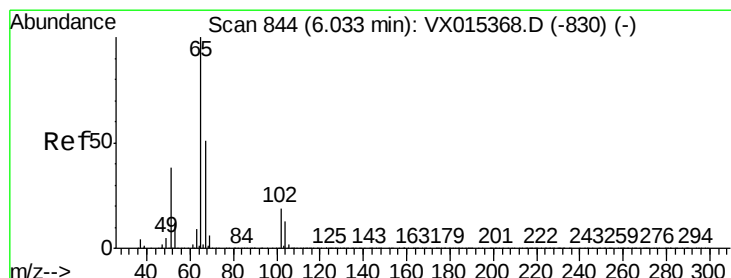
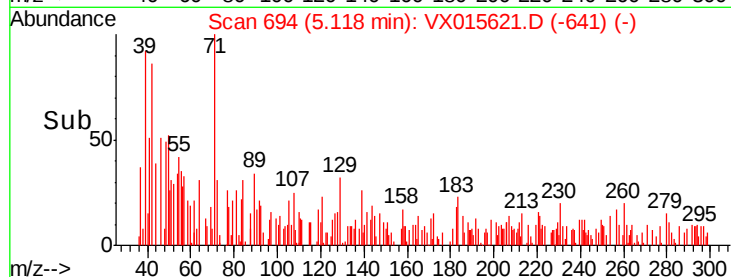
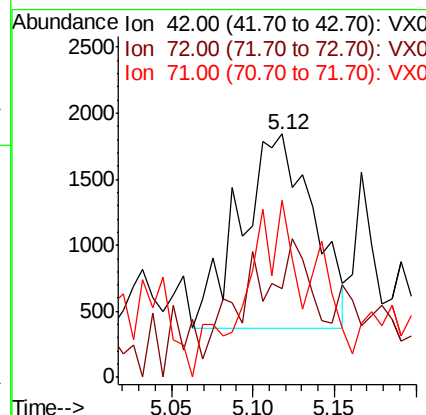
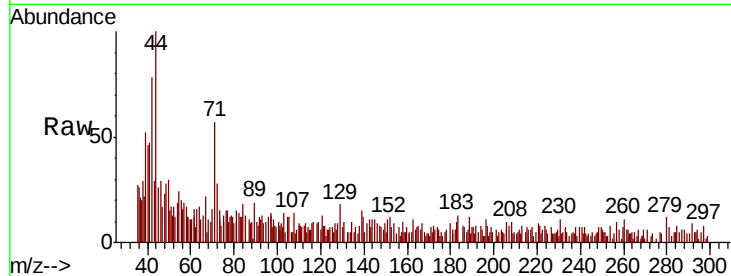




#29
Tetrahydrofuran
Concen: 0.674 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.02 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

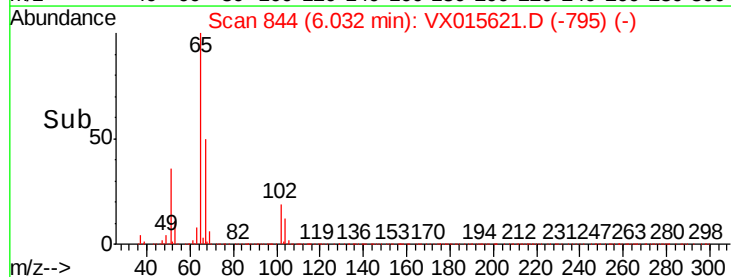
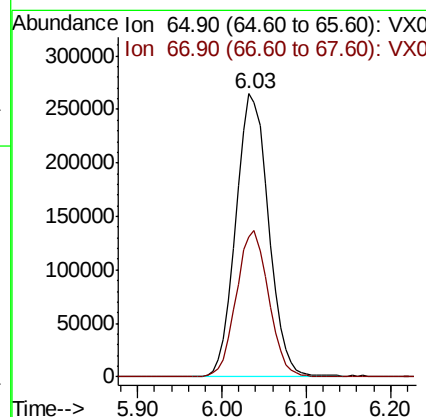
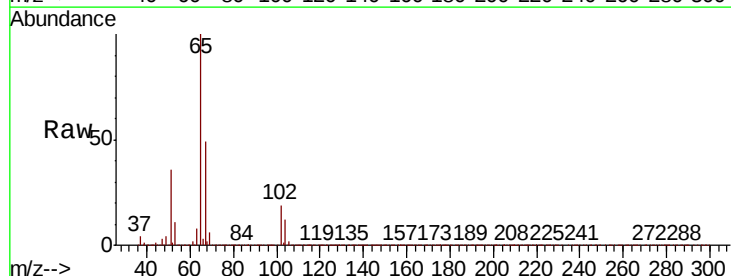
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MSVOA_X
ClientSampled :

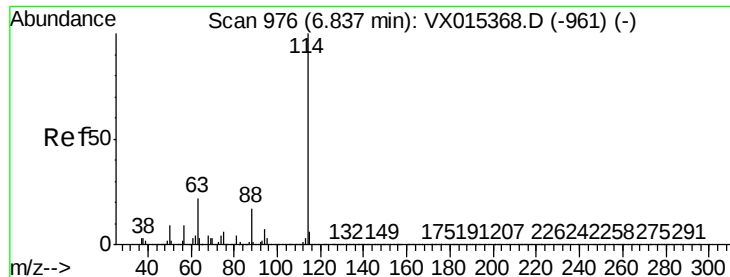
Tot Ion: 42 Resp: 4579
Ion Ratio Lower Upper
42 100
72 21.5 31.7 47.5#
71 36.7 29.6 44.4



#33
1,2-Dichloroethane-d4
Concen: 45.520 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

Tgt Ion: 65 Resp: 696024
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

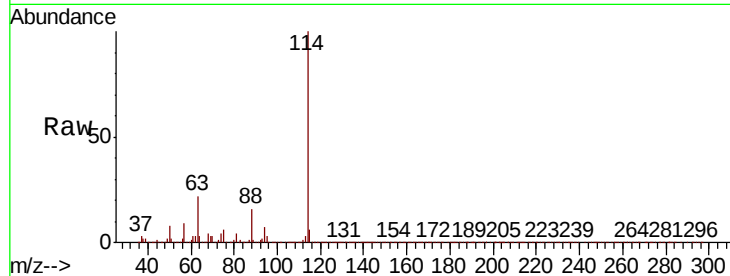
Tot Ion:114 Resp: 1725130

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

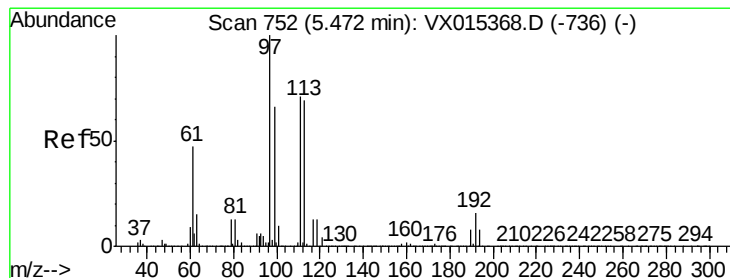
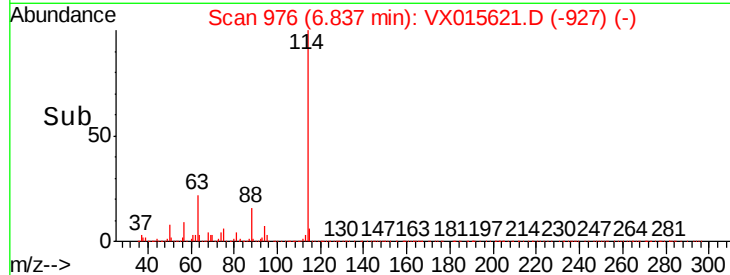
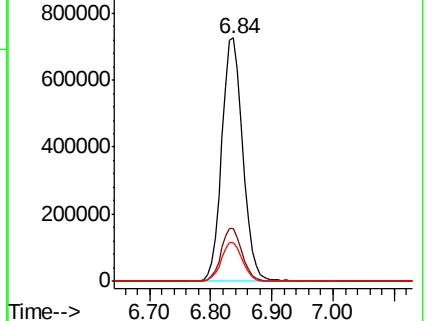
88 16.2 0.0 33.8



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: 46.165 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

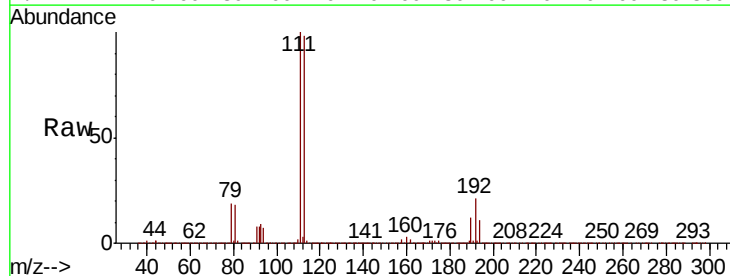
Tgt Ion:113 Resp: 509080

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

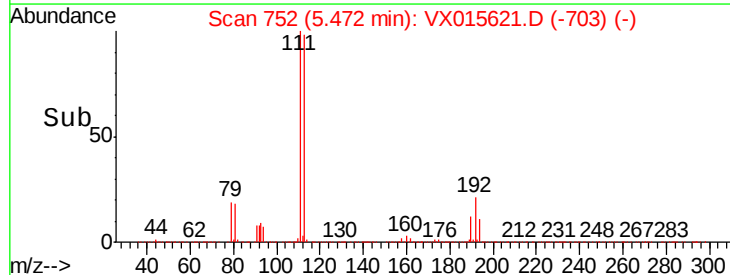
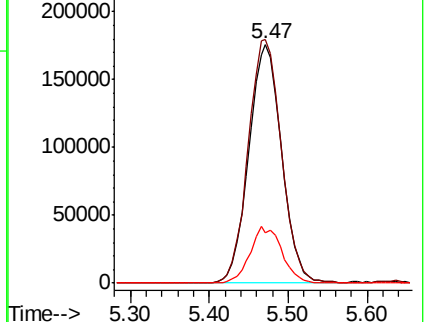
192 22.8 17.8 26.6

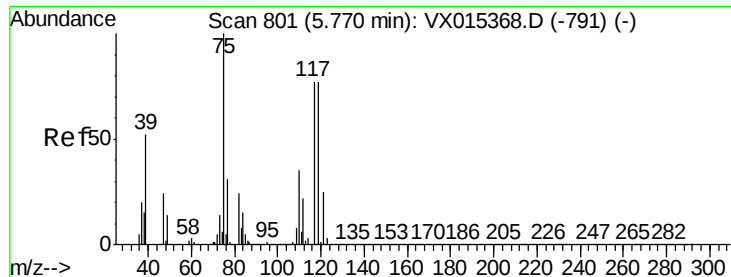


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

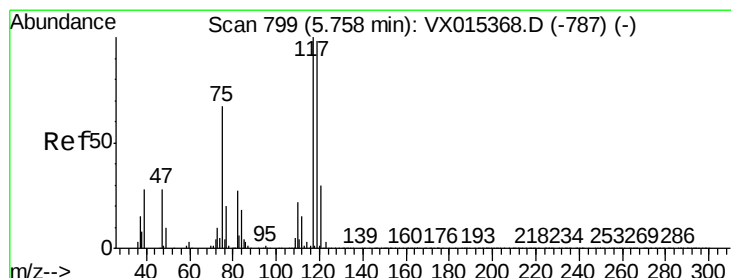
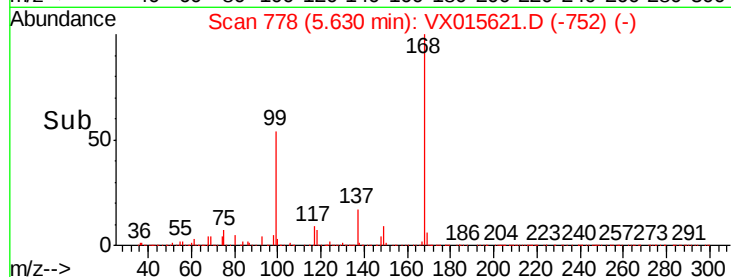
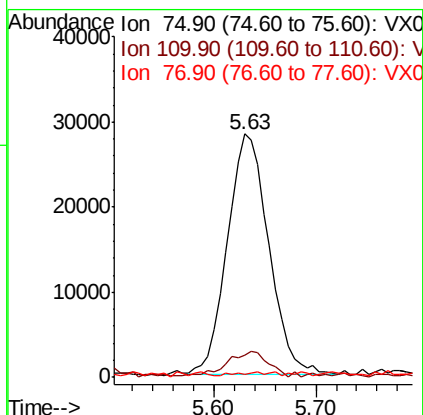
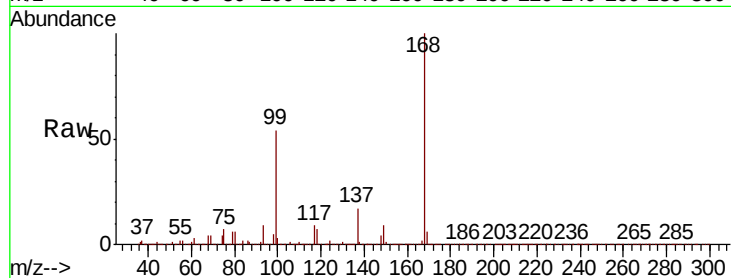




#36
 1,1-Dichloropropene
 Concen: 4.961 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015621.D
 Acq: 10 Apr 2020 15:11

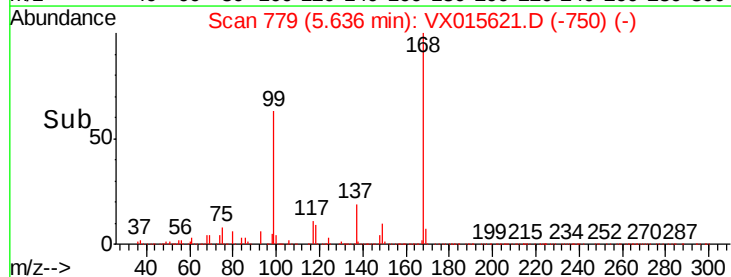
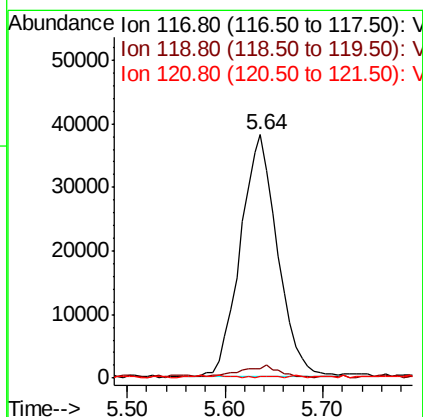
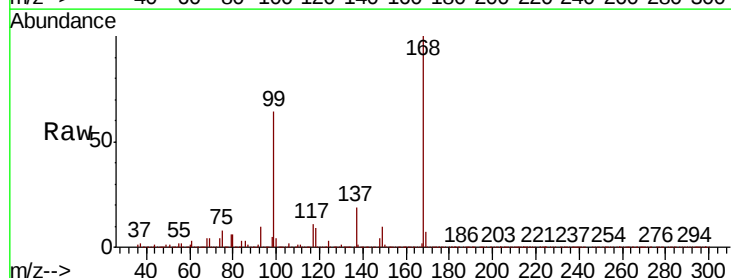
Instrument :
 MSVOA_X
 ClientSampleId :

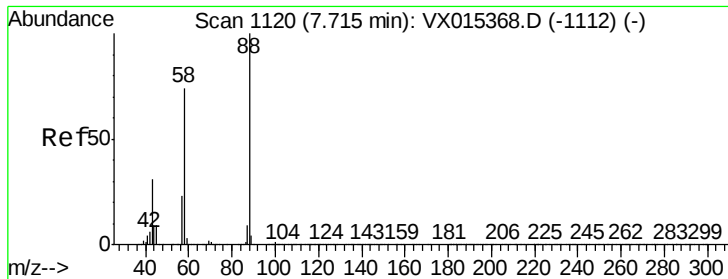
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.1	51.3#
77	0.7	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.844 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.12 min
 Lab File: VX015621.D
 Acq: 10 Apr 2020 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.4	78.0	117.0#
121	0.8	23.8	35.8#





#49

1,4-Dioxane

Concen: 1.361 ug/l

RT: 7.71 min Scan# 1119

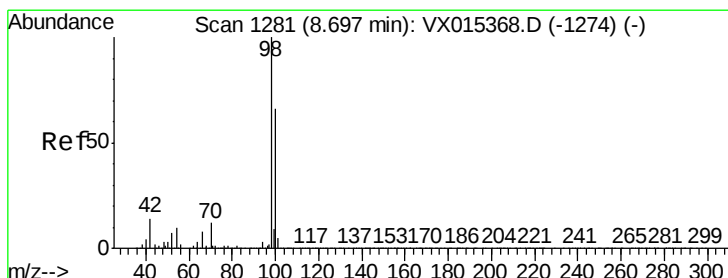
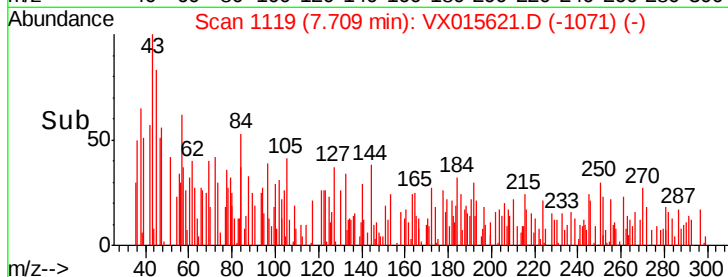
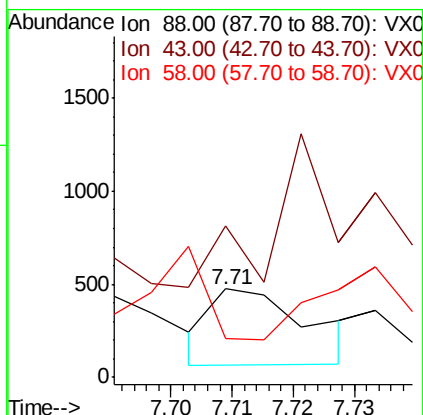
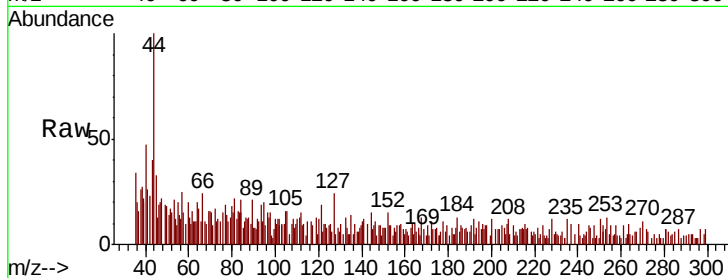
Delta R.T. -0.01 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	443
Ion	Ratio	Lower	Upper
88	100		
43	598.0	30.1	45.1#
58	0.0	60.6	90.8#



#50

Toluene-d8

Concen: 49.955 ug/l

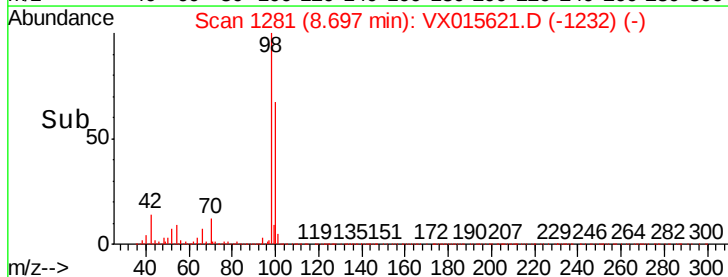
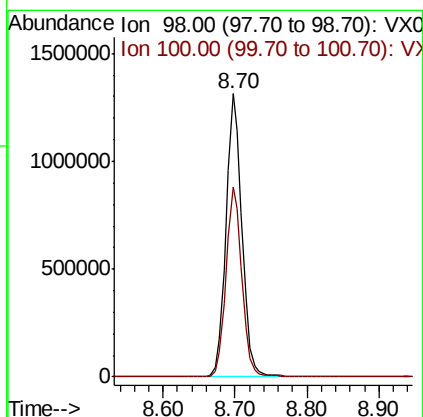
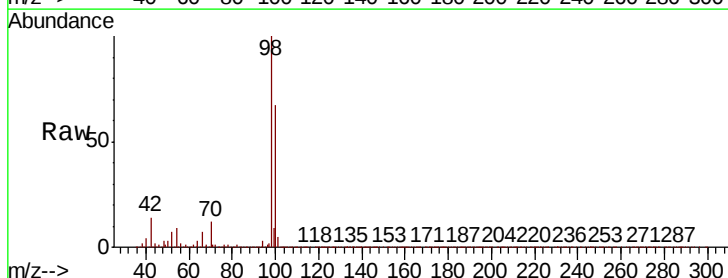
RT: 8.70 min Scan# 1281

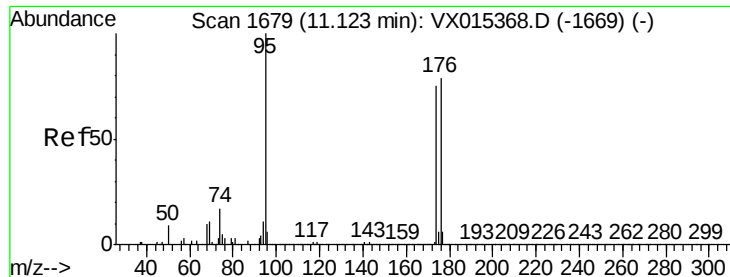
Delta R.T. -0.00 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

Tgt Ion:	98	Resp:	2028189
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 52.328 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

Instrument :

MSVOA_X

ClientSampled :

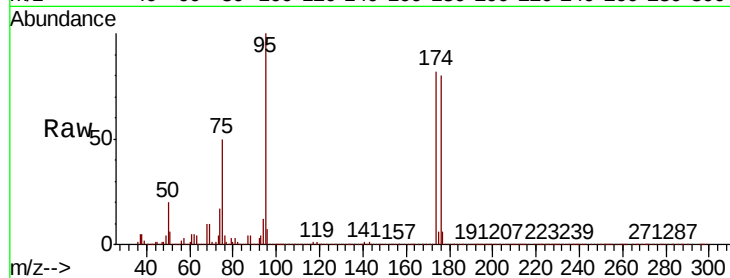
Tot Ion: 95 Resp: 863414

Ion Ratio Lower Upper

95 100

174 81.3 0.0 158.6

176 81.1 0.0 159.0

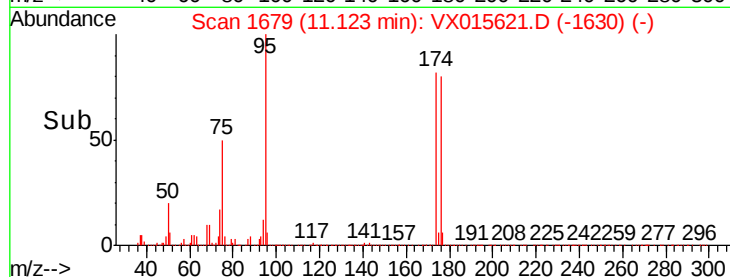


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

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

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

Time-->

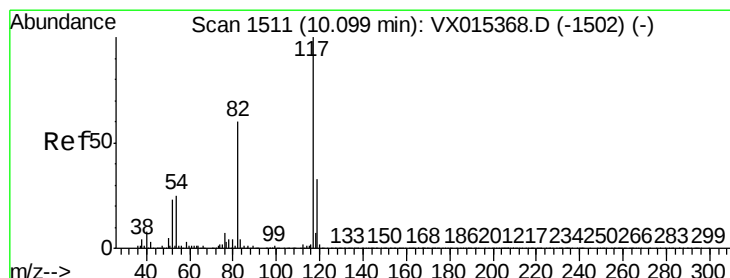


Abundance Ion 94.90 (94.60 to 95.60): VX015621.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015621.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015621.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015621.D

Acq: 10 Apr 2020 15:11

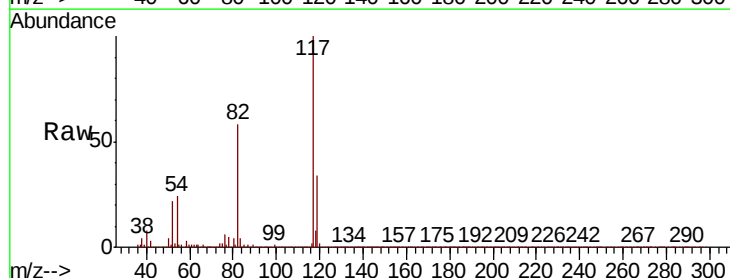
Tgt Ion: 117 Resp: 1620699

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

119 33.9 26.8 40.2

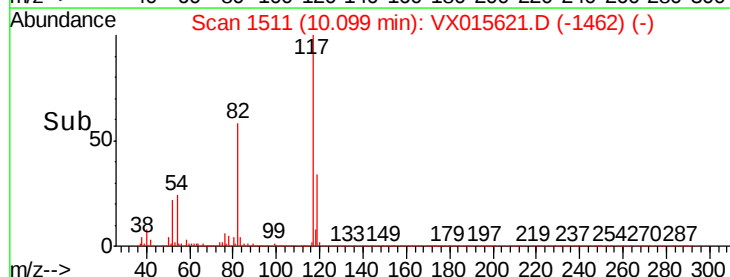


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

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

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

Time-->

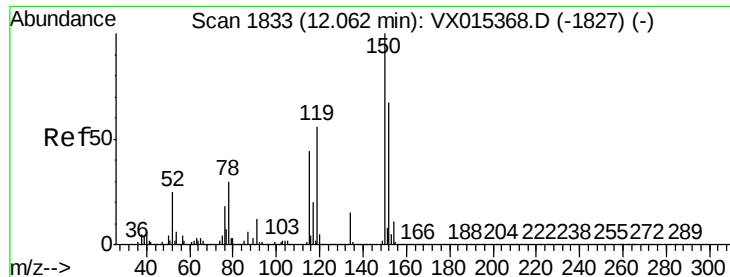


Abundance Ion 116.90 (116.60 to 117.60): VX015621.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015621.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015621.D (-1462) (-)

Time-->

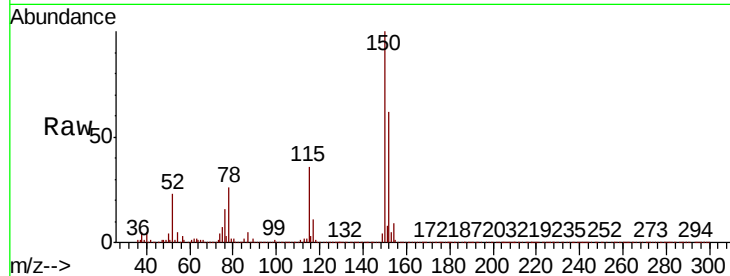


#72

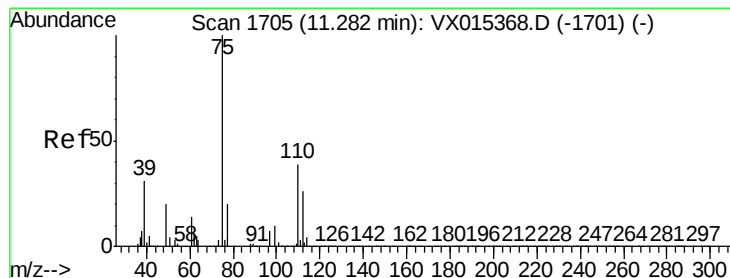
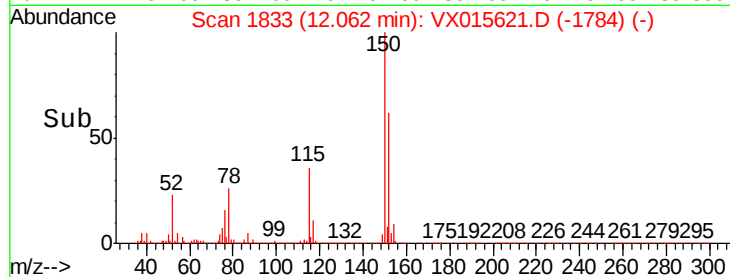
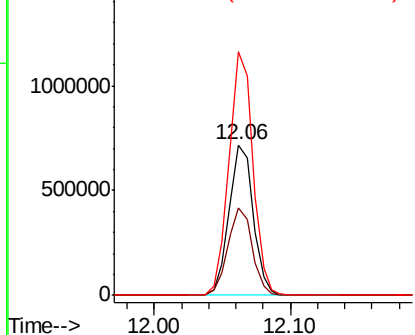
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	39.0	116.9
150	160.1	0.0	340.8



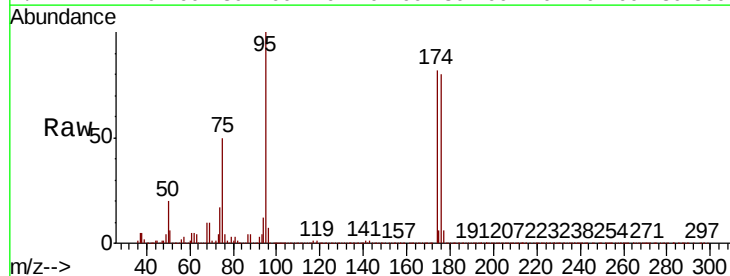
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



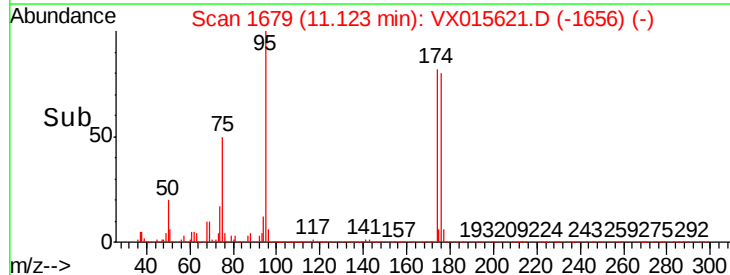
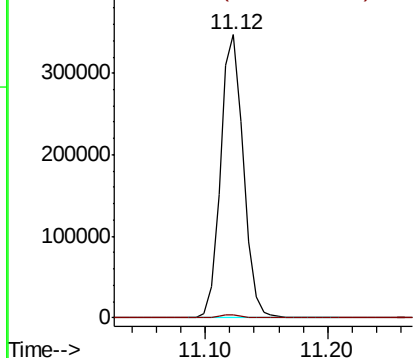
#76

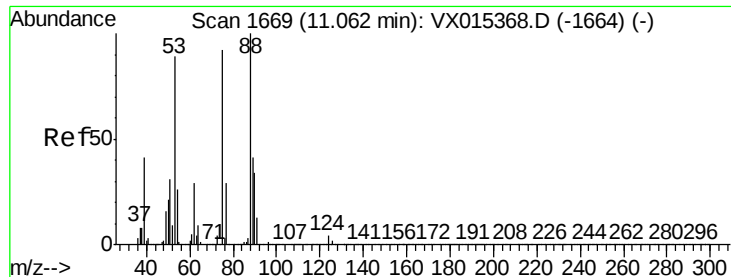
1,2,3-Trichloropropane
Concen: 24.588 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015621.D
Acq: 10 Apr 2020 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 58.998 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015621.D
 Acq: 10 Apr 2020 15:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.1	120.1#
89	0.1	36.1	54.1#

