

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015979.D
 Acq On : 29 Apr 2020 16:03
 Operator : JC/SP
 Sample : L2405-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:35:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	437122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	427993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226318	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	169521	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
35) Dibromofluoromethane	5.47	113	128007	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
50) Toluene-d8	8.70	98	532269	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.12	95	214224	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	

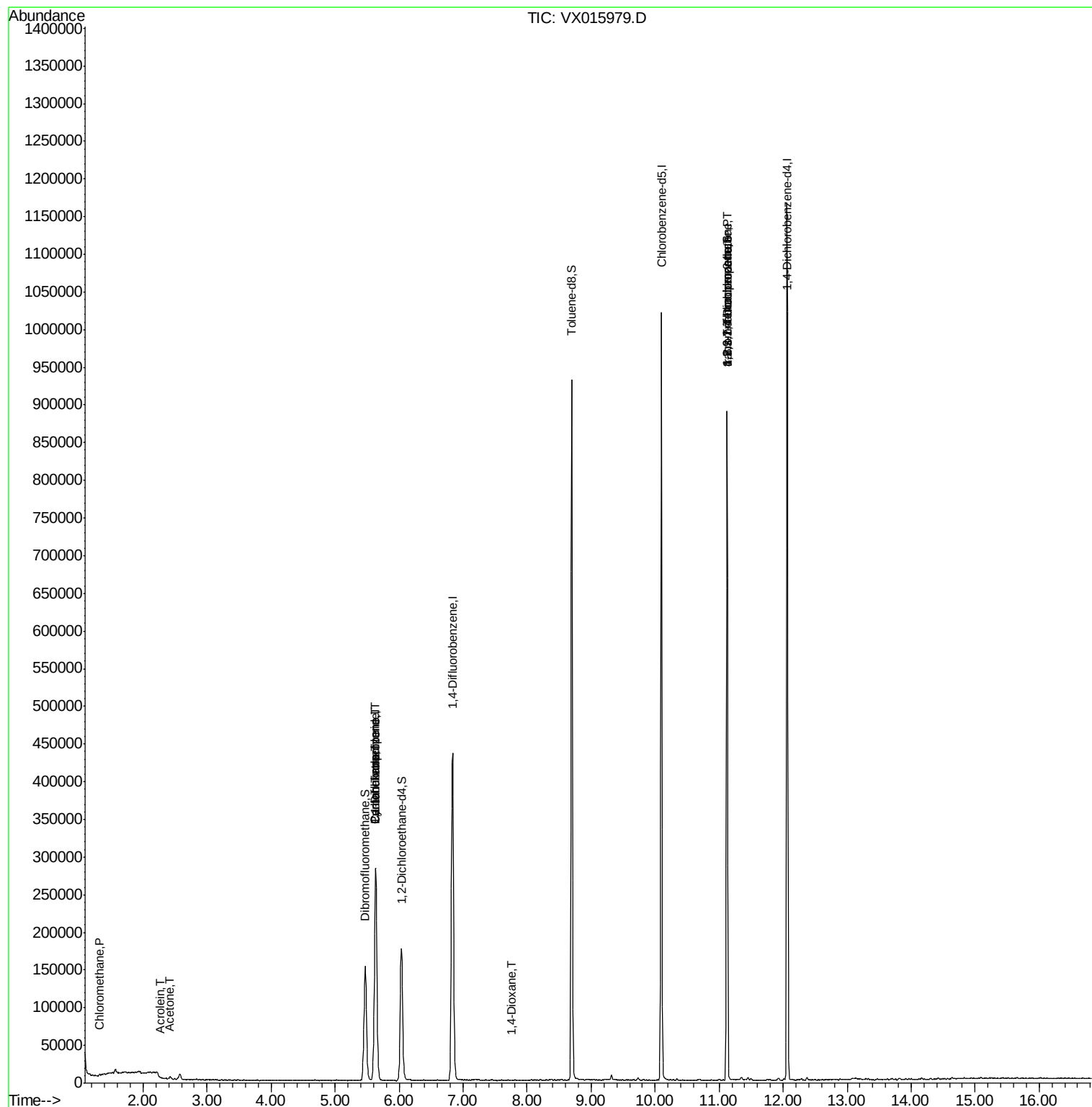
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1171	0.402	ug/l	92
13) Acrolein	2.27	56	292	1.363	ug/l #	77
16) Acetone	2.42	43	3247	2.161	ug/l	99
31) Cyclohexane	5.64	56	5587	1.236	ug/l #	24
36) 1,1-Dichloropropene	5.63	75	21235	5.100	ug/l #	50
38) Carbon Tetrachloride	5.64	117	26679	6.067	ug/l #	15
49) 1,4-Dioxane	7.76	88	22	0.256	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.13	83	202	3.753	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	114832	24.181	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	114832	57.143	ug/l #	10

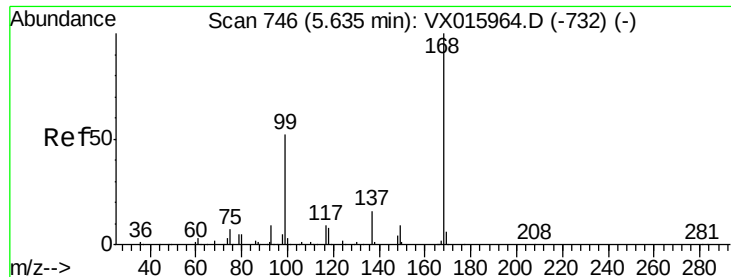
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 17:30:11 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: VX015979.D

Acq: 29 Apr 2020 16:03

Instrument :

MSVOA_X

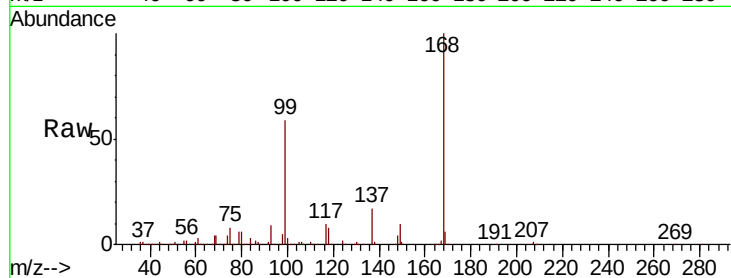
ClientSampleId :

Tot Ion:168 Resp: 268684

Ion Ratio Lower Upper

168 100

99 58.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

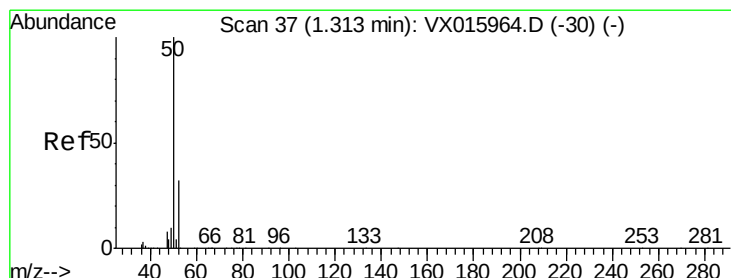
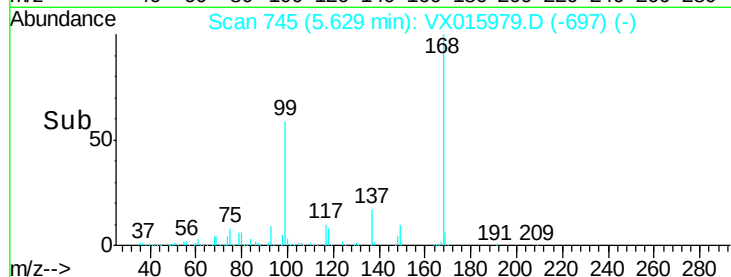
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.402 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015979.D

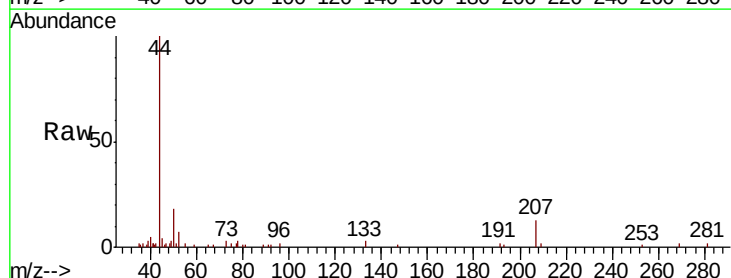
Acq: 29 Apr 2020 16:03

Tgt Ion: 50 Resp: 1171

Ion Ratio Lower Upper

50 100

52 36.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1200

1000

800

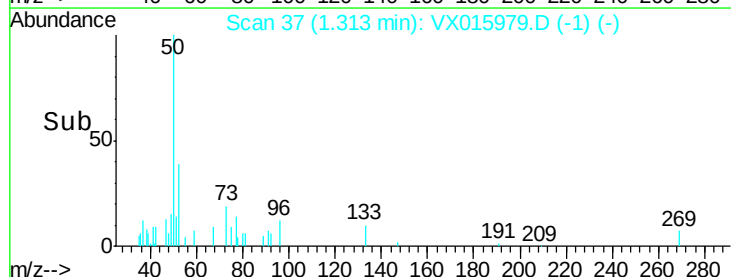
600

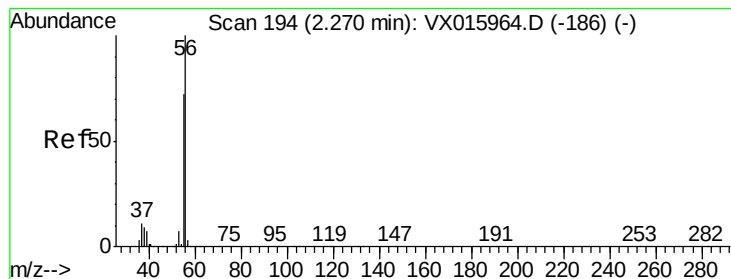
400

200

0

Time-->





#13

Acrolein

Concen: 1.363 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

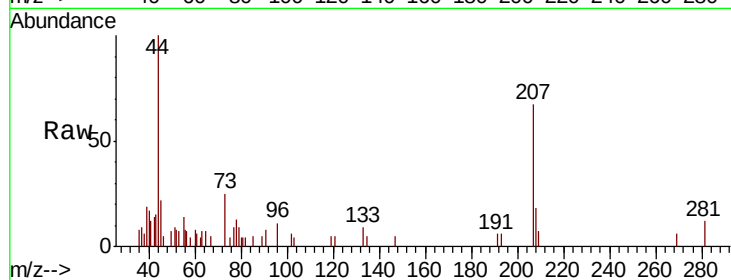
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 292

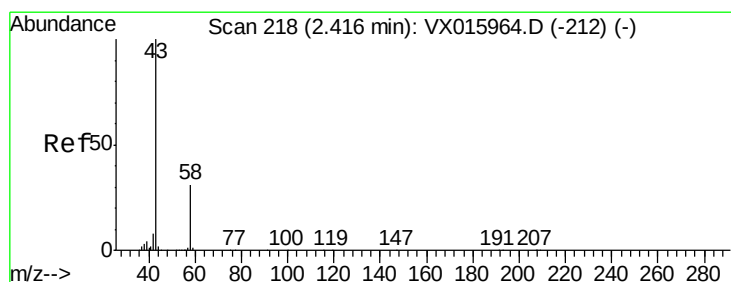
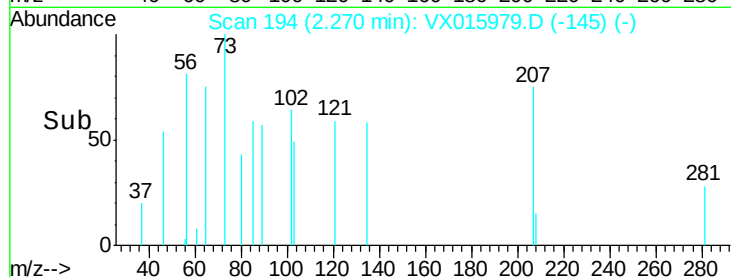
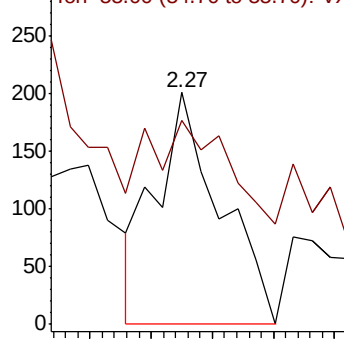
Ion Ratio Lower Upper

56 100

55 51.7 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.161 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015979.D

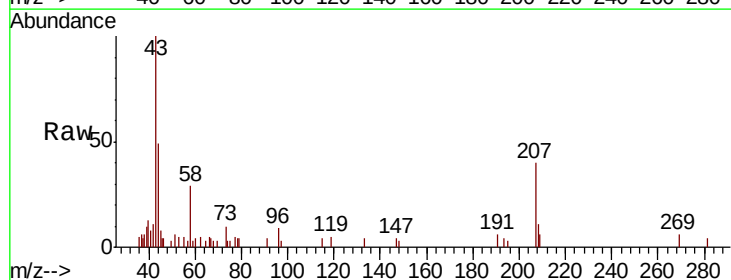
Acq: 29 Apr 2020 16:03

Tgt Ion: 43 Resp: 3247

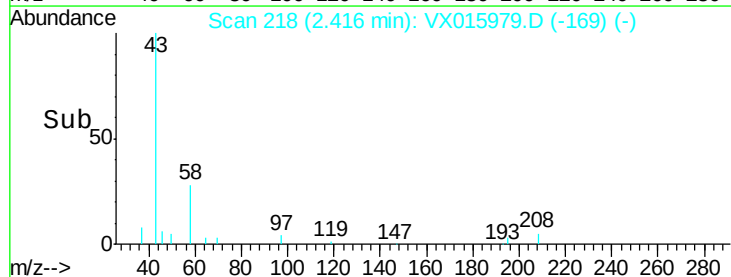
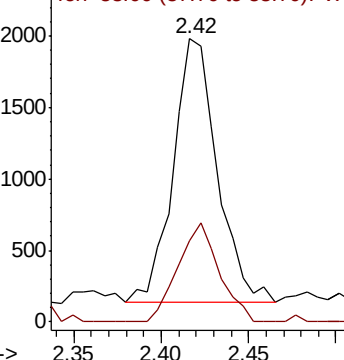
Ion Ratio Lower Upper

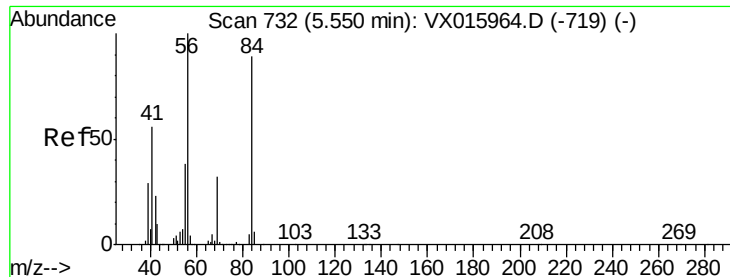
43 100

58 30.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 1.236 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.09 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

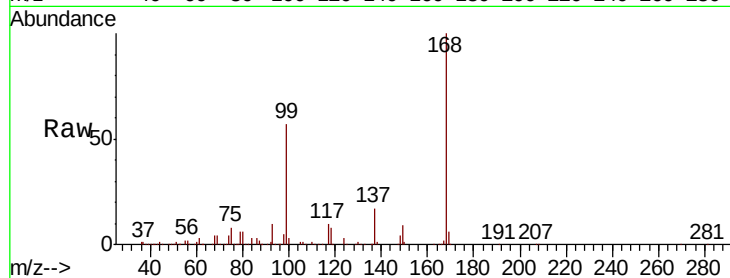
Tot Ion: 56 Resp: 5587

Ion Ratio Lower Upper

56 100

69 152.7 25.4 38.2#

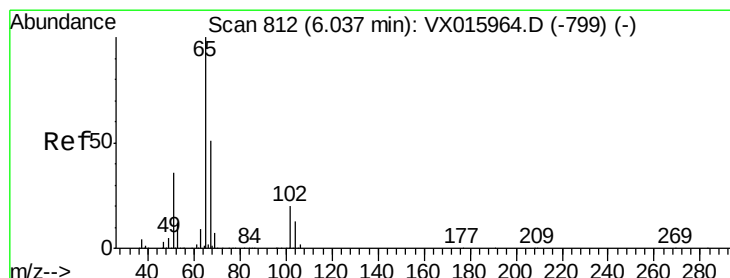
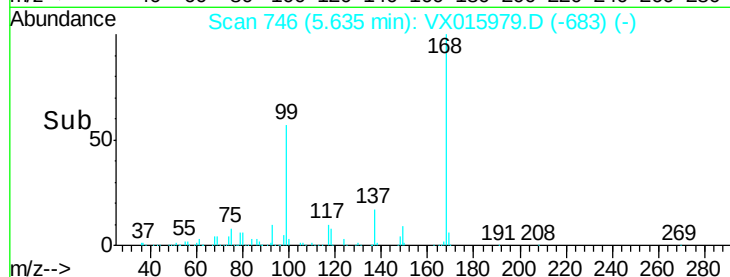
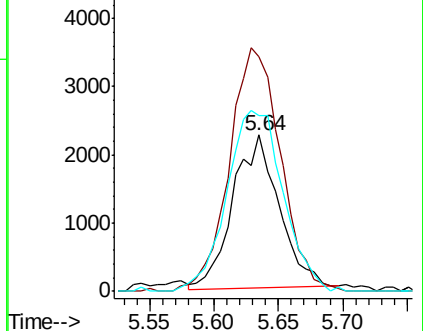
84 113.1 71.0 106.6#



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: 48.256 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015979.D

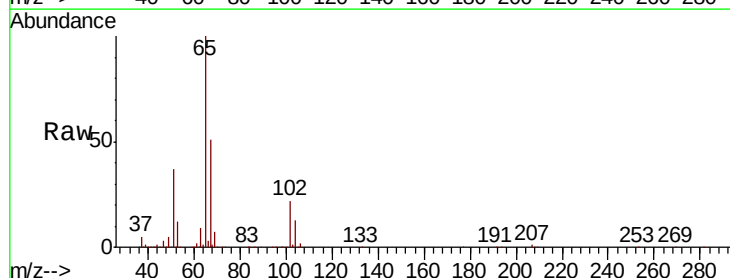
Acq: 29 Apr 2020 16:03

Tgt Ion: 65 Resp: 169521

Ion Ratio Lower Upper

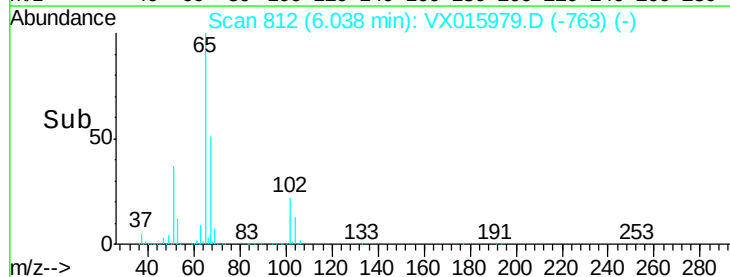
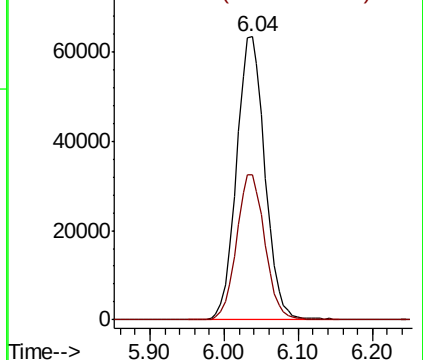
65 100

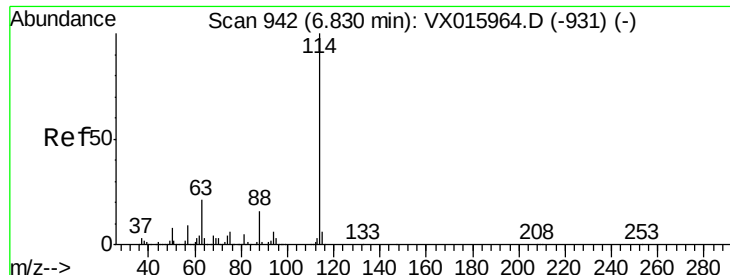
67 50.9 0.0 102.4



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

Instrument :

MSVOA_X

ClientSampleId :

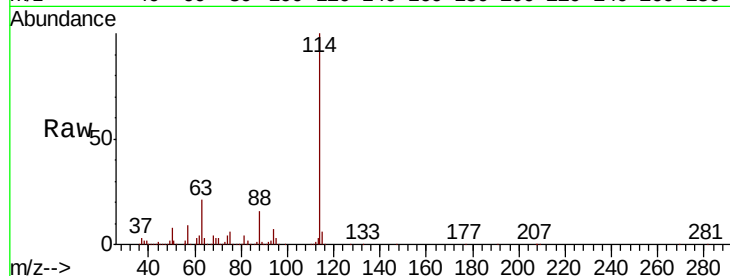
Tot Ion:114 Resp: 437122

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

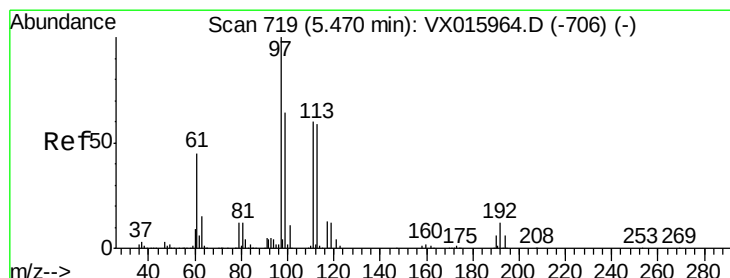
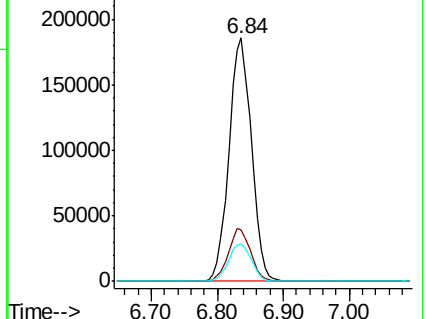
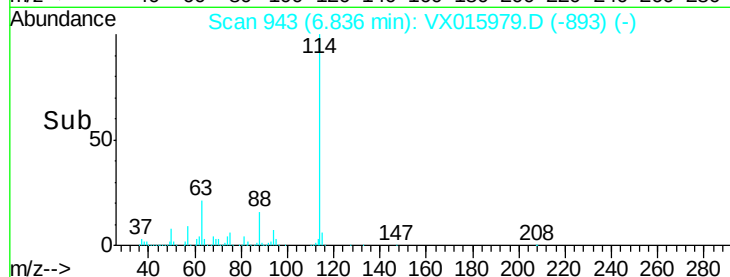
88 15.6 0.0 31.8



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: 46.944 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

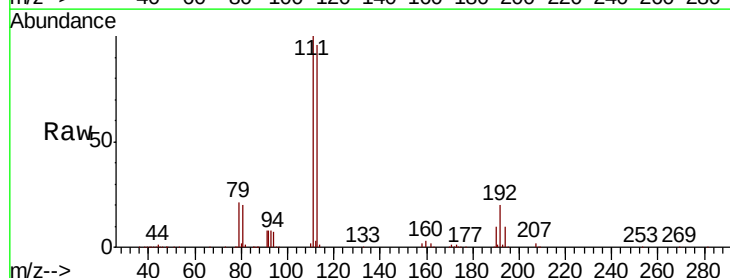
Tgt Ion:113 Resp: 128007

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

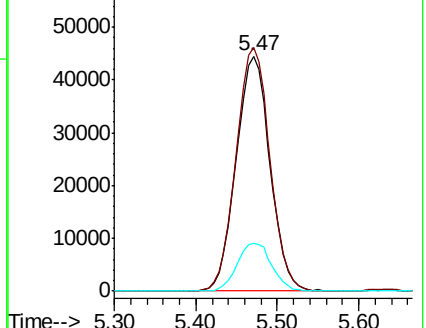
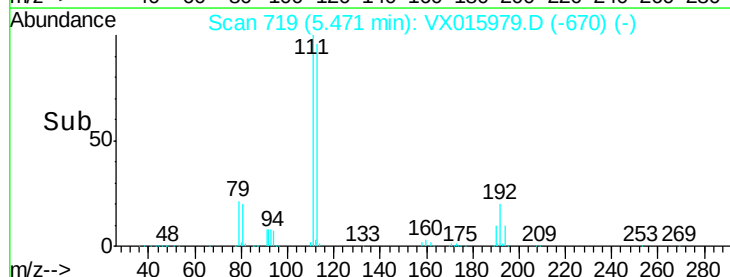
192 20.9 16.8 25.2

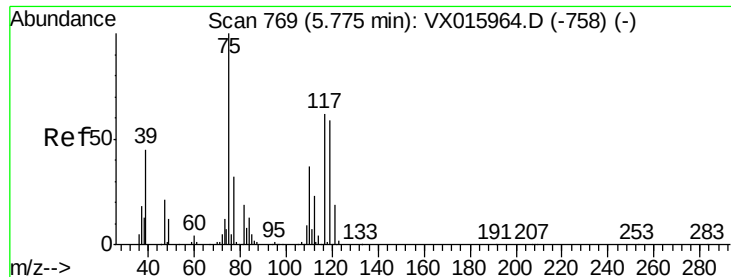


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

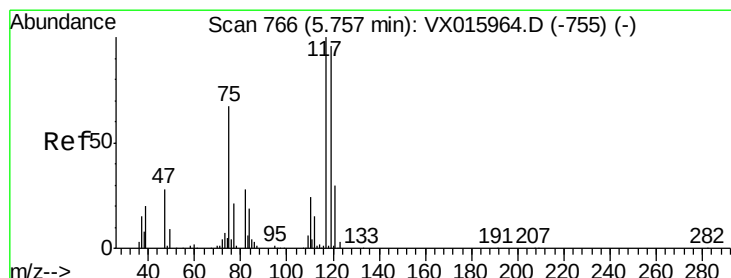
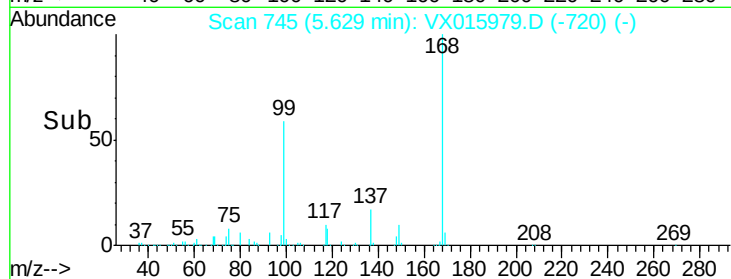
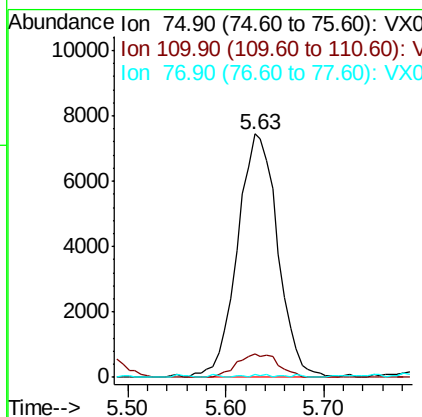
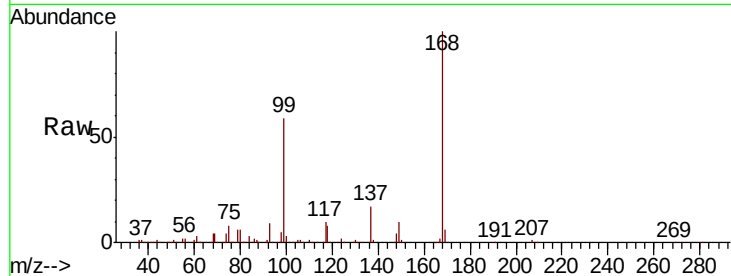




#36
 1,1-Dichloropropene
 Concen: 5.100 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.15 min
 Lab File: VX015979.D
 Acq: 29 Apr 2020 16:03

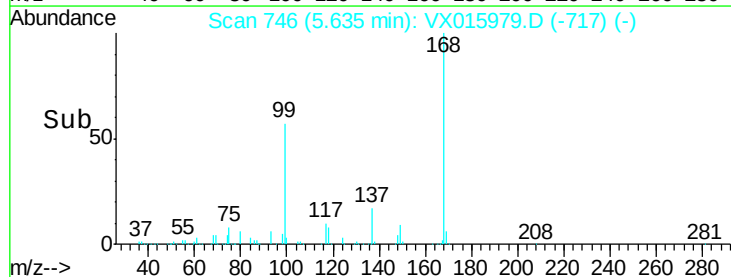
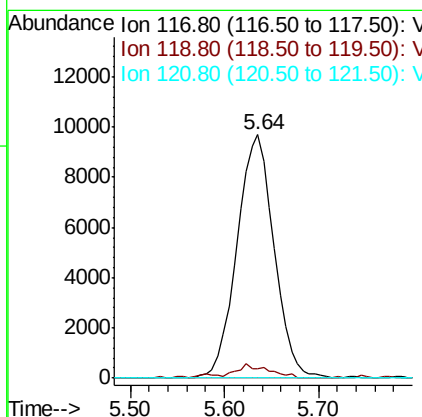
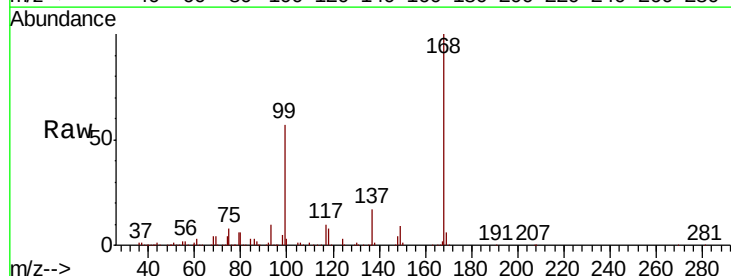
Instrument :
 MSVOA_X
 ClientSampleId :

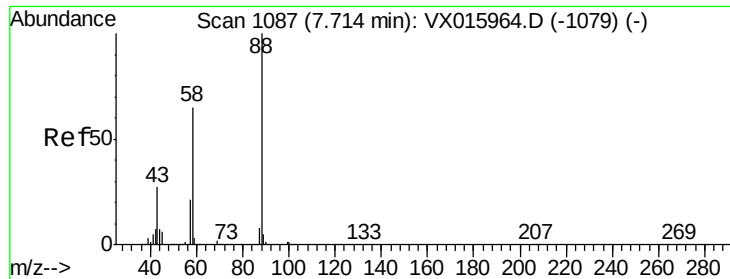
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.9	53.7#
77	0.4	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.067 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX015979.D
 Acq: 29 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.4#
121	0.0	24.2	36.4#

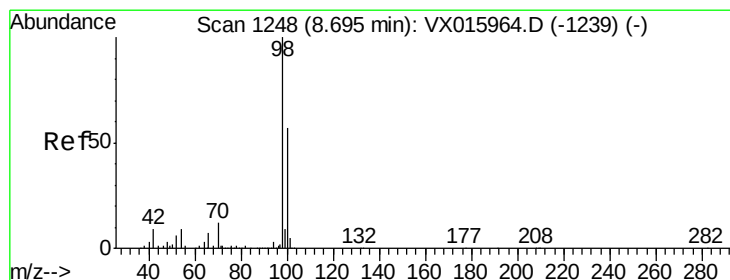
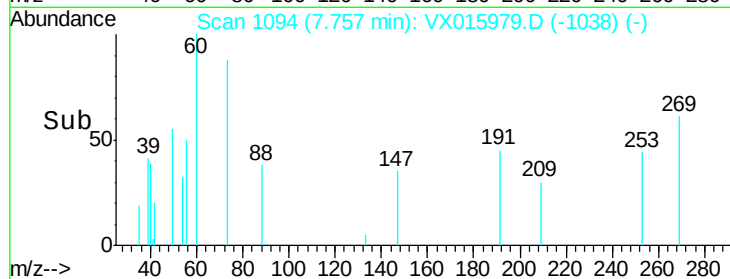
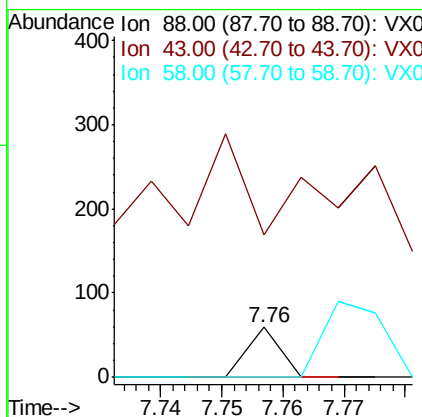
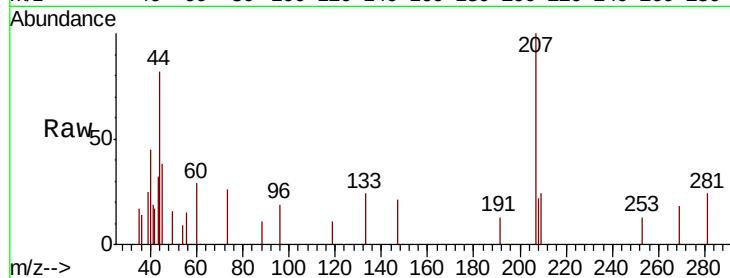




#49
1,4-Dioxane
Concen: 0.256 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX015979.D
Acq: 29 Apr 2020 16:03

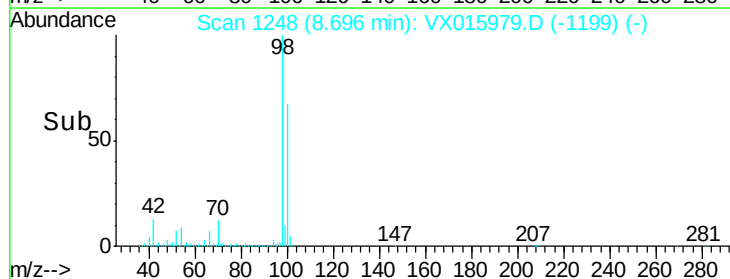
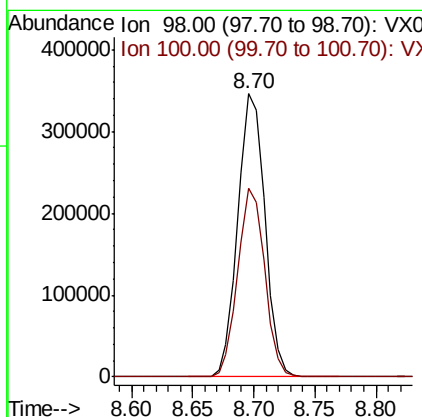
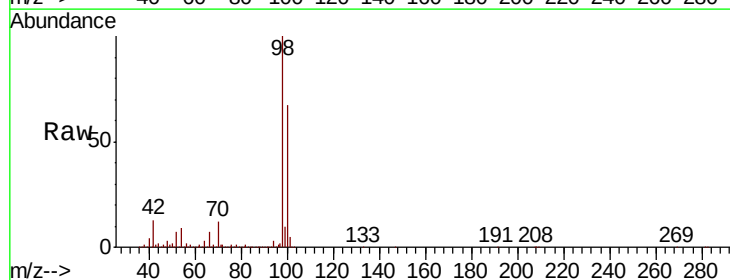
Instrument :
MSVOA_X
ClientSampleId :

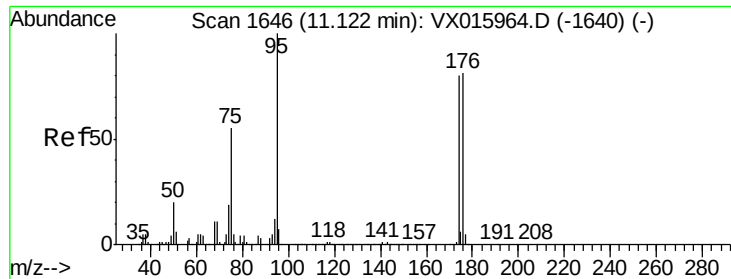
Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 322.7 26.6 39.8#
58 277.3 54.8 82.2#



#50
Toluene-d8
Concen: 52.208 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015979.D
Acq: 29 Apr 2020 16:03

Tgt Ion: 98 Resp: 532269
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

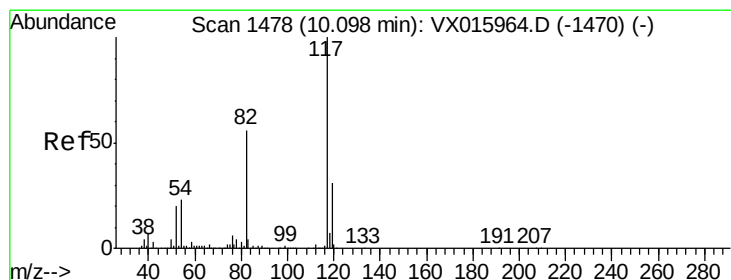
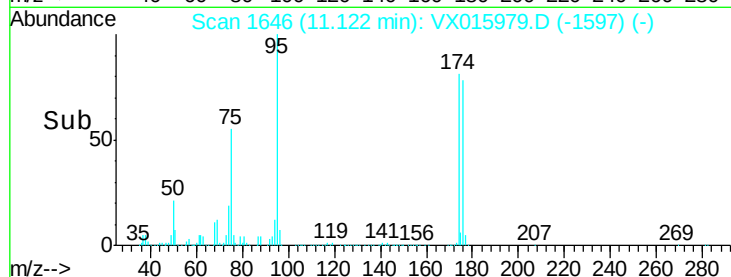
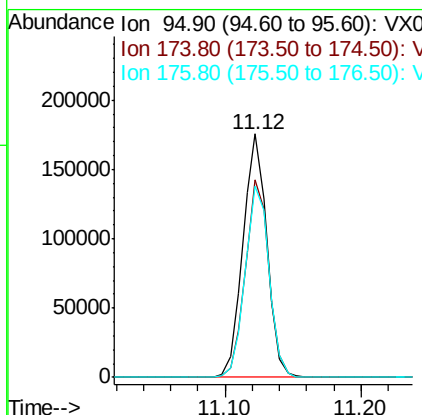
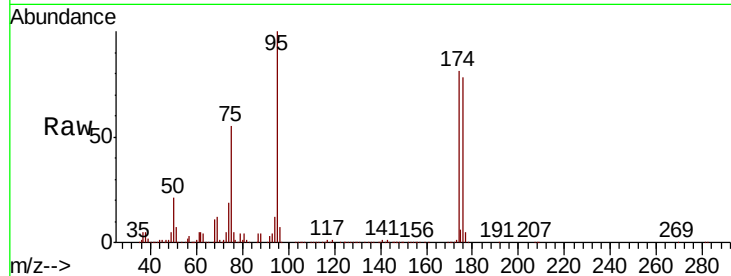




#62
4-Bromofluorobenzene
Concen: 53.573 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015979.D
Acq: 29 Apr 2020 16:03

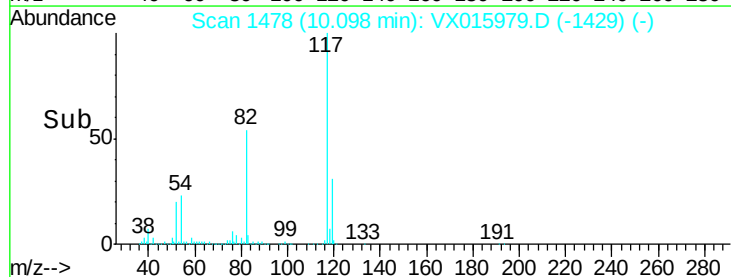
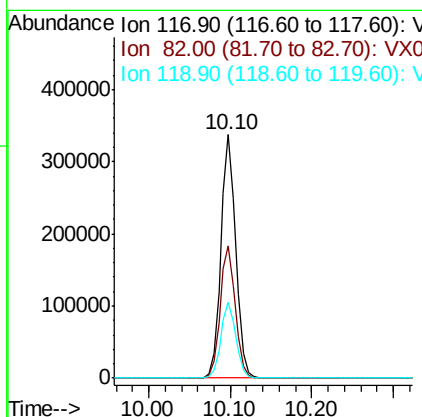
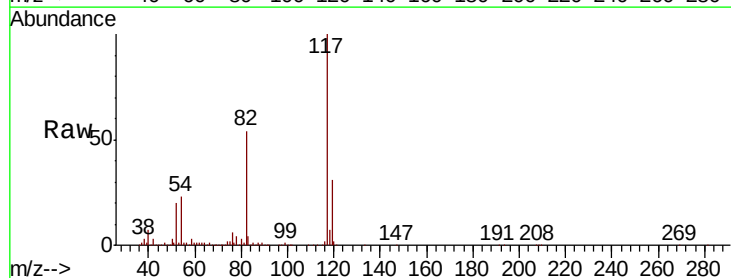
Instrument :
MSVOA_X
ClientSampleId :

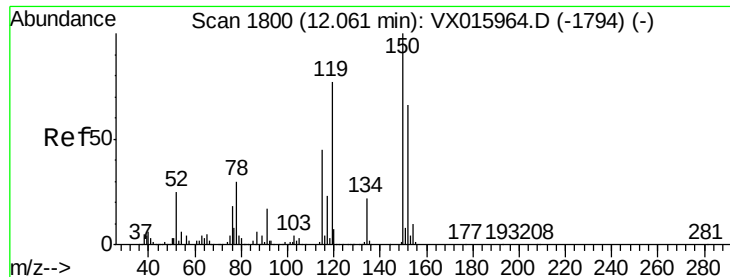
Tot Ion: 95 Resp: 214224
Ion Ratio Lower Upper
95 100
174 80.3 0.0 165.0
176 79.3 0.0 163.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015979.D
Acq: 29 Apr 2020 16:03

Tgt Ion: 117 Resp: 427993
Ion Ratio Lower Upper
117 100
82 54.4 44.5 66.7
119 31.4 25.0 37.6

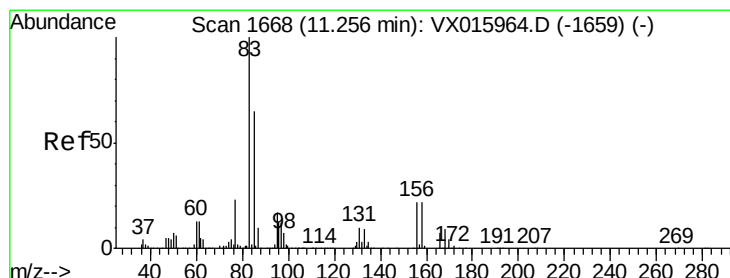
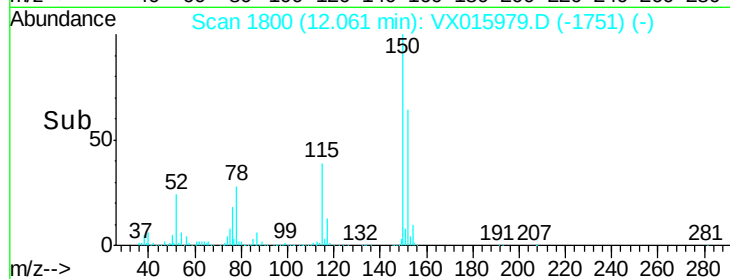
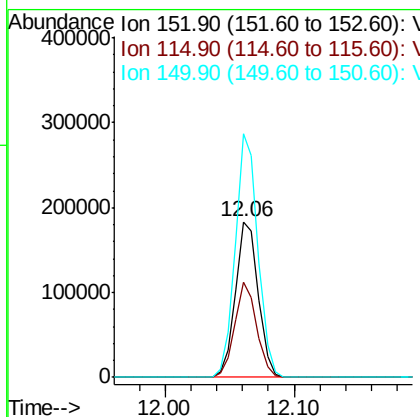
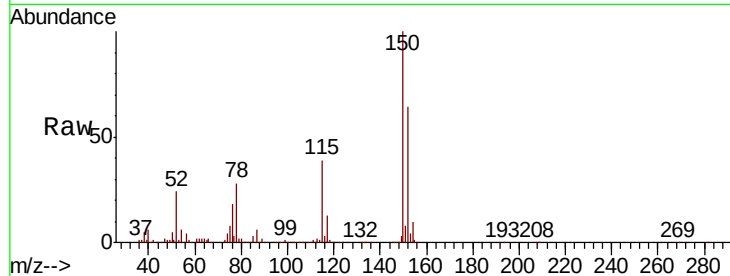




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VX015979.D
 Acq: 29 Apr 2020 16:03

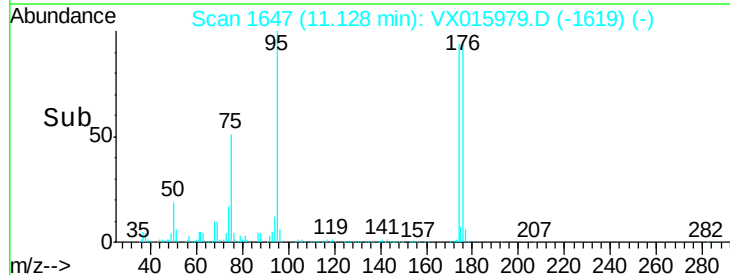
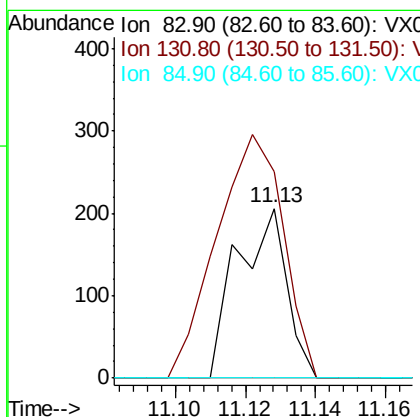
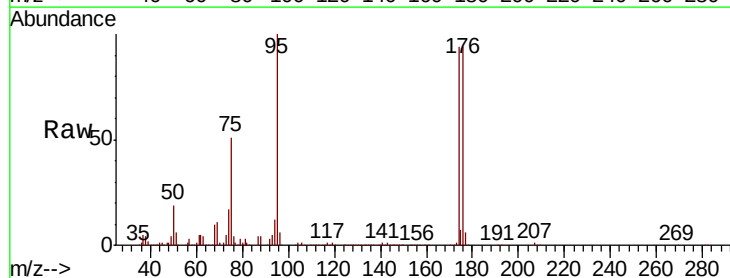
Instrument :
 MSVOA_X
 ClientSampleId :

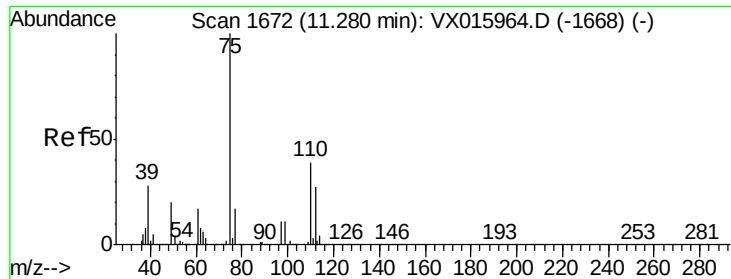
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	40.9	122.7
150	154.6	0.0	342.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.753 ug/l
 RT: 11.13 min Scan# 1647
 Delta R.T. -0.13 min
 Lab File: VX015979.D
 Acq: 29 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
131	193.1	5.1	15.4#
85	0.0	32.2	96.6#





#76

1,2,3-Trichloropropane

Concen: 24.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

Instrument :

MSVOA_X

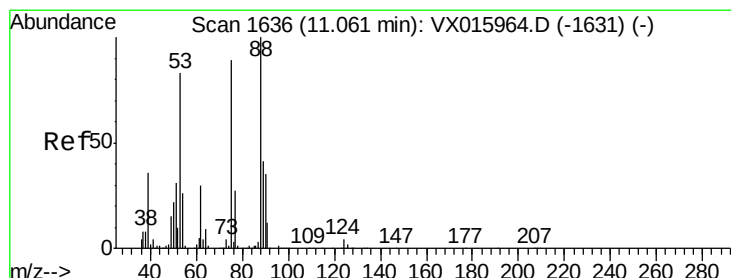
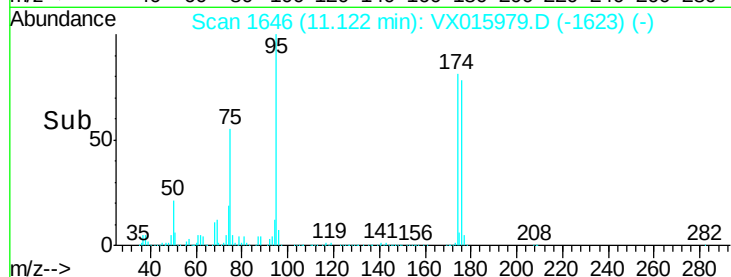
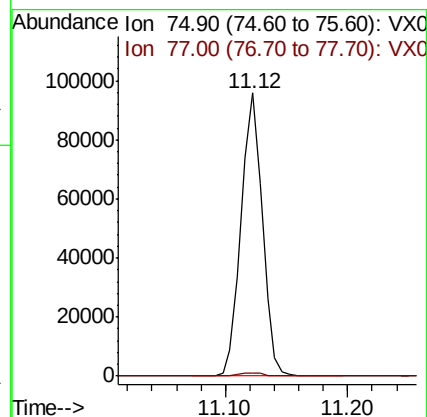
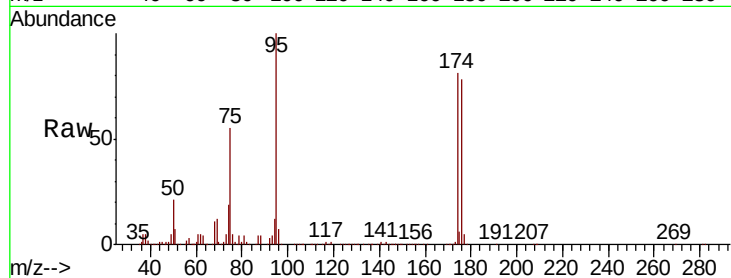
ClientSampled :

Tot Ion: 75 Resp: 114832

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.143 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX015979.D

Acq: 29 Apr 2020 16:03

Tgt Ion: 75 Resp: 114832

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

89 0.0 37.2 55.8#

