

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015982.D
 Acq On : 29 Apr 2020 17:11
 Operator : JC/SP
 Sample : L2405-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:36:45 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	5.64	168	267752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	432963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	217798	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	170294	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	5.47	113	127808	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	8.70	98	527828	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.12	95	211879	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	

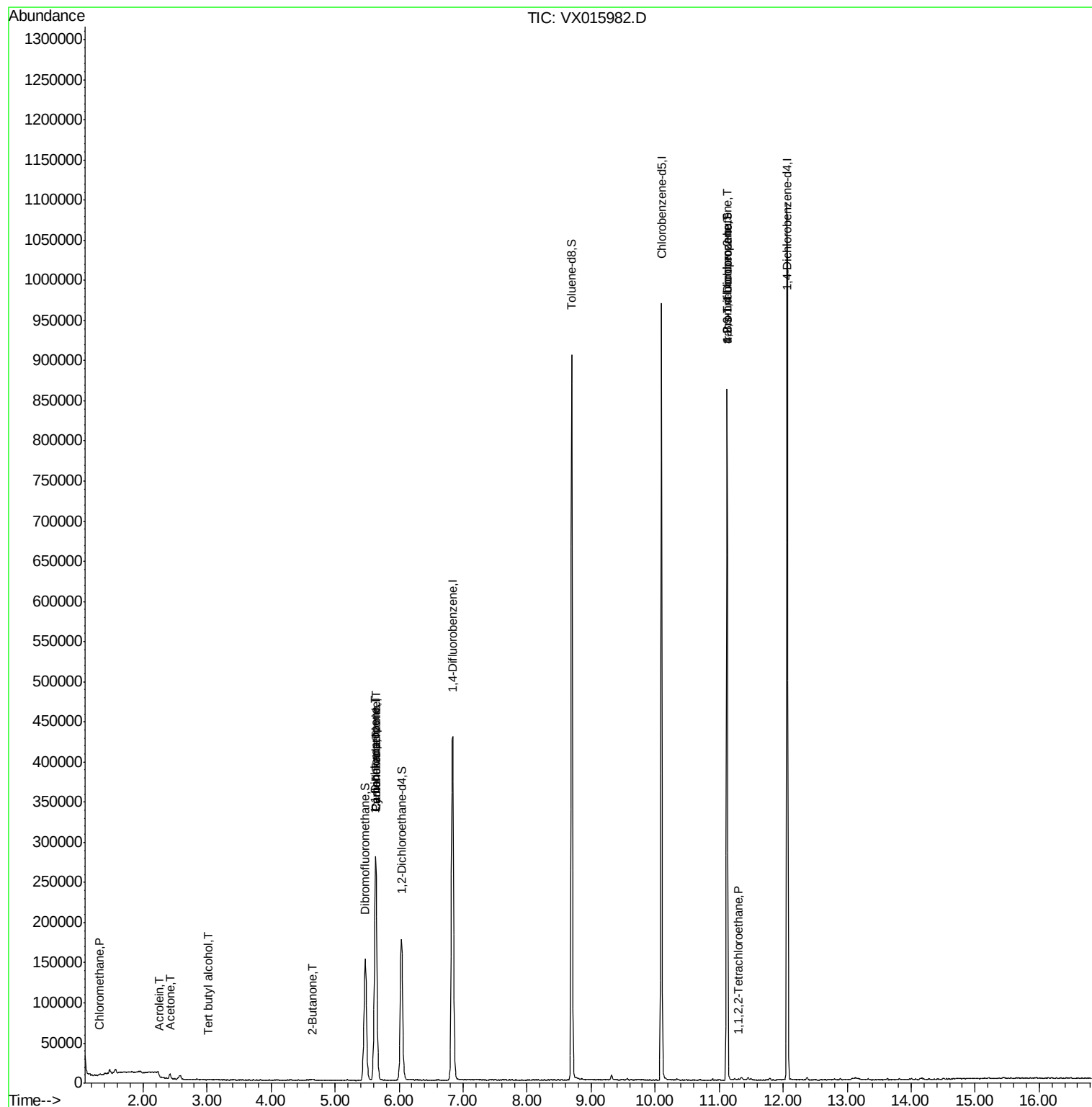
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	699	0.241	ug/l	97
11) Tert butyl alcohol	3.01	59	450	0.530	ug/l #	36
13) Acrolein	2.26	56	66	0.309	ug/l #	1
16) Acetone	2.42	43	6182	4.130	ug/l	94
25) 2-Butanone	4.65	43	1458	0.601	ug/l #	49
31) Cyclohexane	5.64	56	6254	1.389	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	21152	5.129	ug/l #	51
38) Carbon Tetrachloride	5.63	117	26649	6.118	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.29	83	28	3.708	ug/l #	92
76) 1,2,3-Trichloropropane	11.12	75	112285	24.569	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	112285	58.061	ug/l #	10

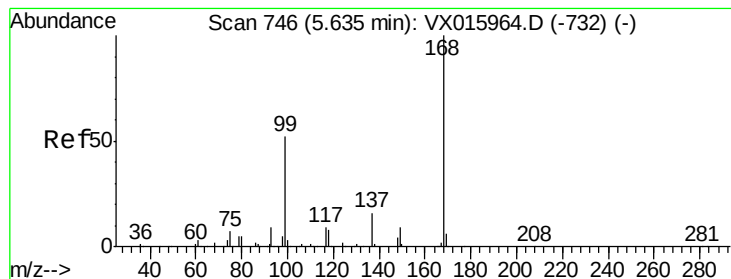
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015982.D

Acq: 29 Apr 2020 17:11

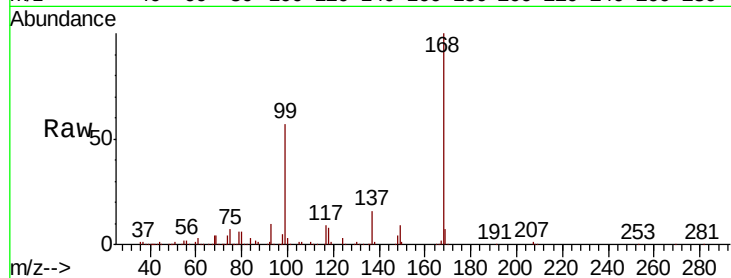
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 267752

Ion Ratio Lower Upper

168 100

99 56.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

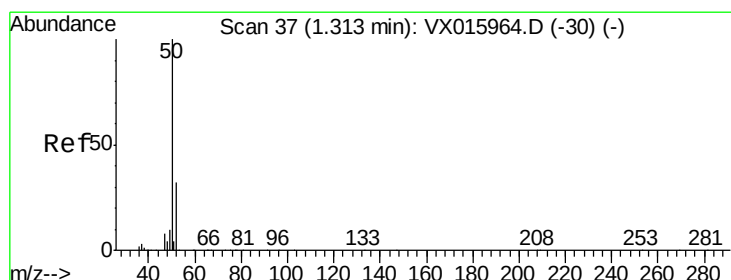
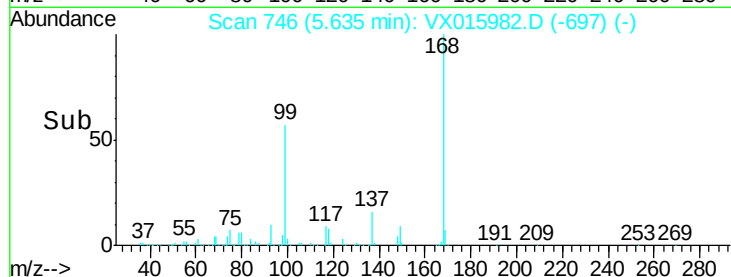
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.241 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015982.D

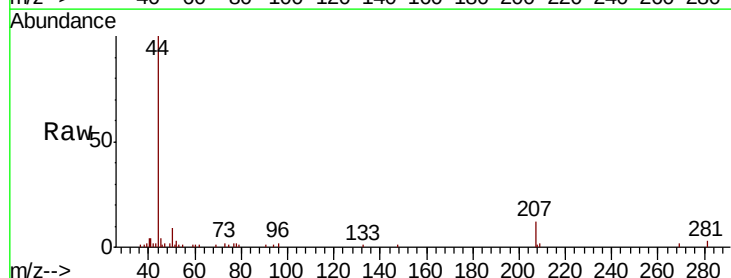
Acq: 29 Apr 2020 17:11

Tgt Ion: 50 Resp: 699

Ion Ratio Lower Upper

50 100

52 30.1 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

600

500

400

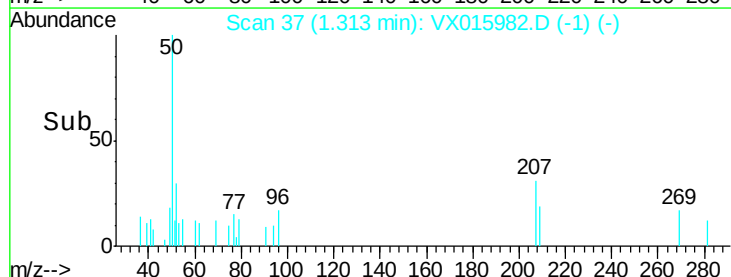
300

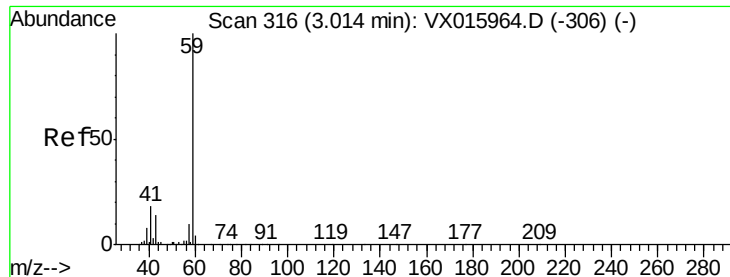
200

100

0

Time-->

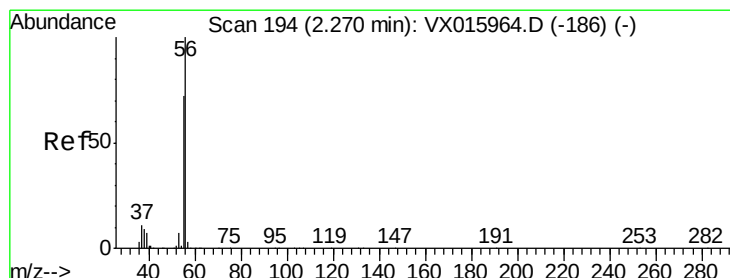
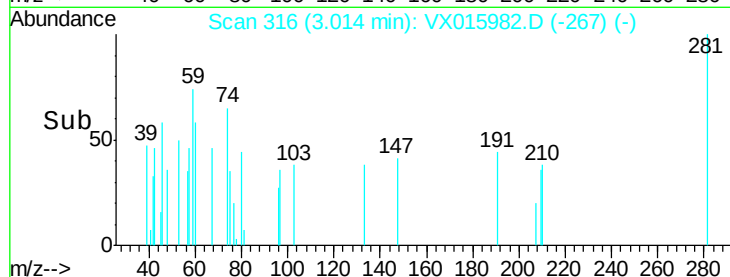
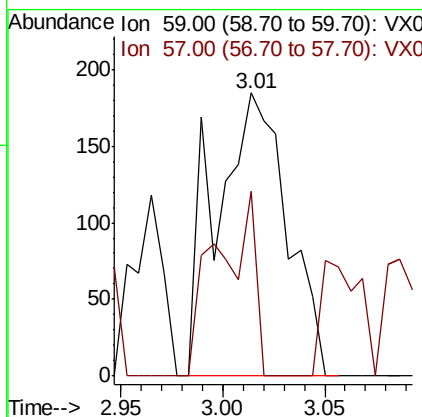
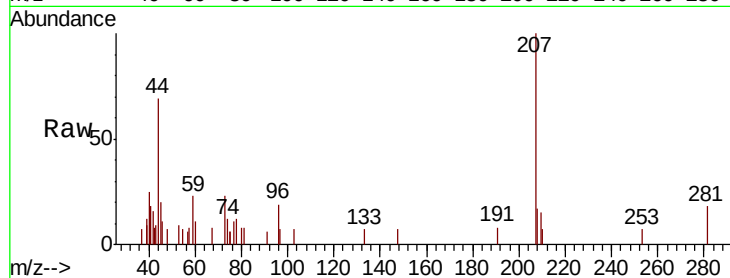




#11
Tert butyl alcohol
Concen: 0.530 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

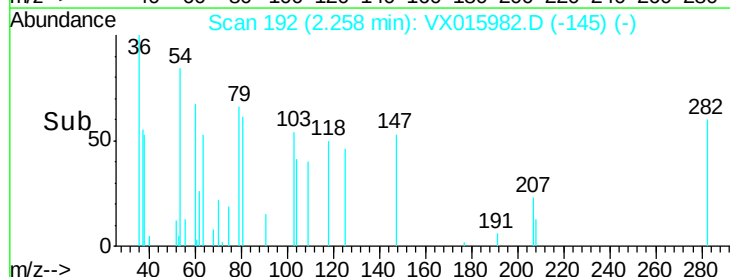
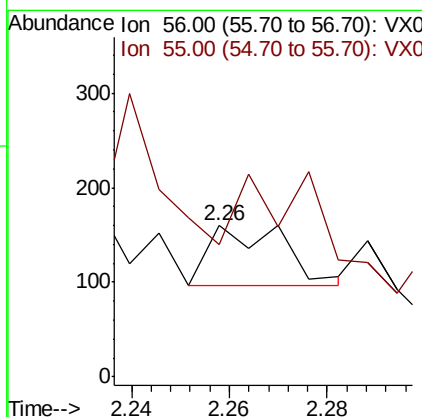
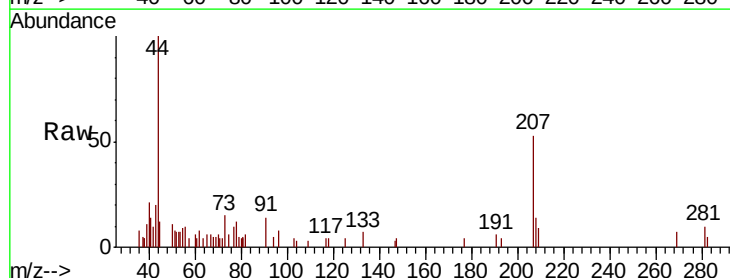
Instrument :
MSVOA_X
ClientSampleId :

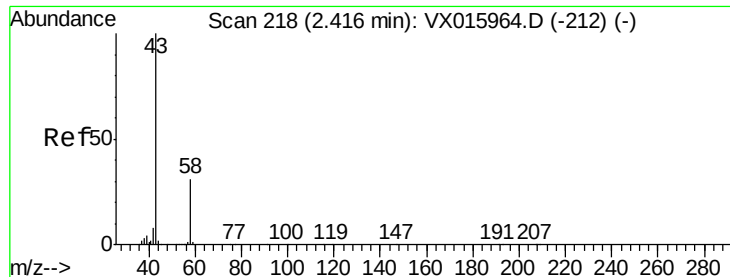
Tot Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
57 34.4 8.3 12.5#



#13
Acrolein
Concen: 0.309 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 216.7 56.9 85.3#





#16

Acetone

Concen: 4.130 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015982.D

Acq: 29 Apr 2020 17:11

Instrument :

MSVOA_X

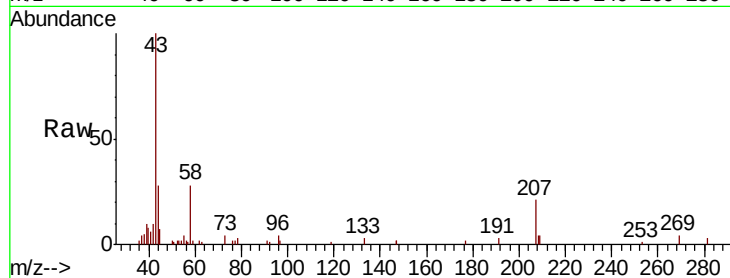
ClientSampleId :

Tot Ion: 43 Resp: 6182

Ion Ratio Lower Upper

43 100

58 27.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

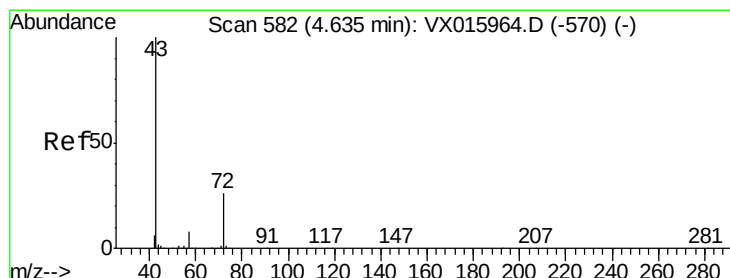
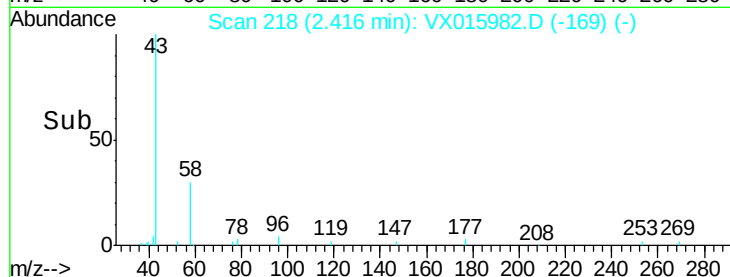
2000

1000

0

Time-->

2.35 2.40 2.45 2.50



#25

2-Butanone

Concen: 0.601 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX015982.D

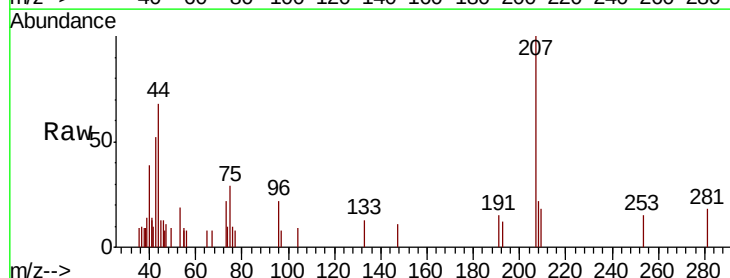
Acq: 29 Apr 2020 17:11

Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

300

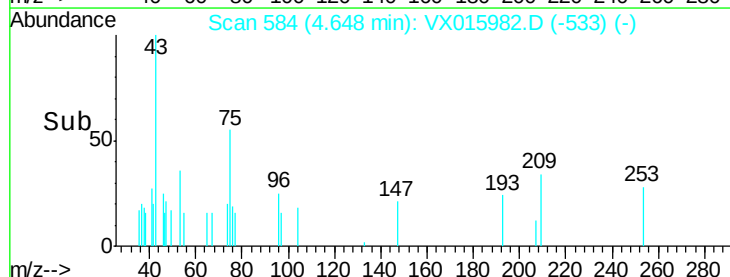
200

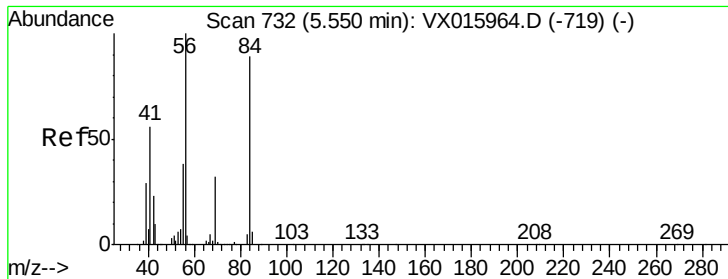
100

0

Time-->

4.55 4.60 4.65 4.70 4.75

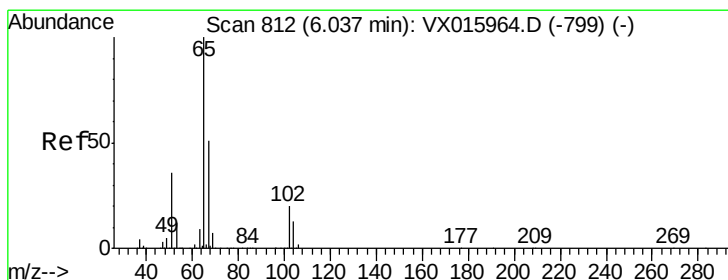
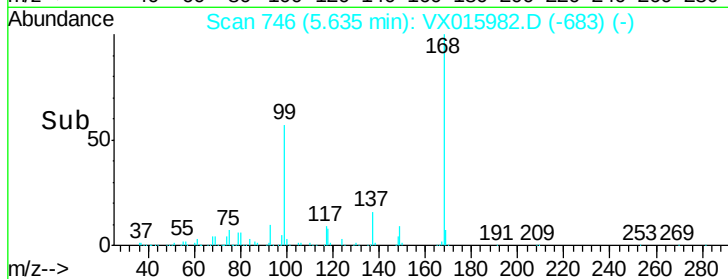
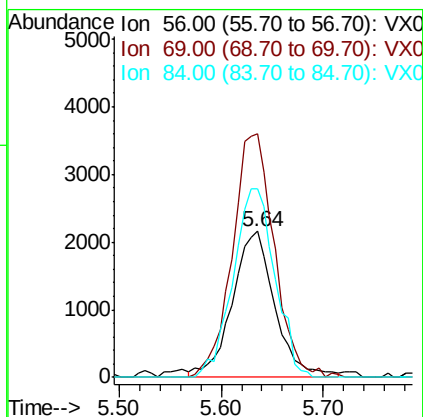
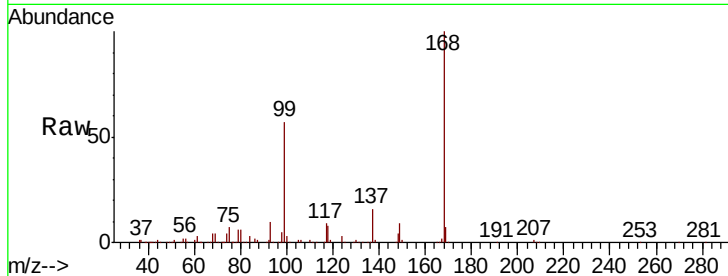




#31
Cyclohexane
Concen: 1.389 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

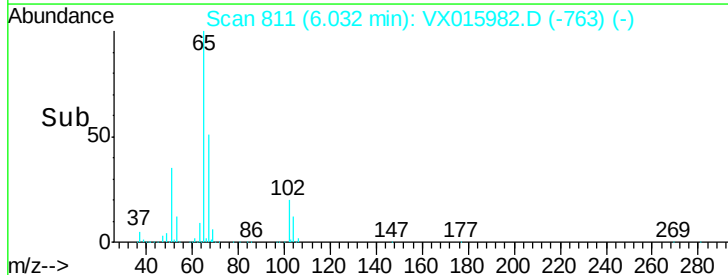
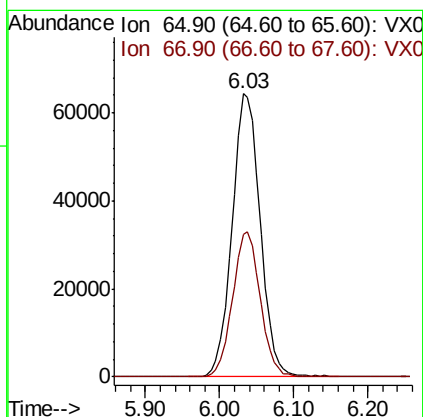
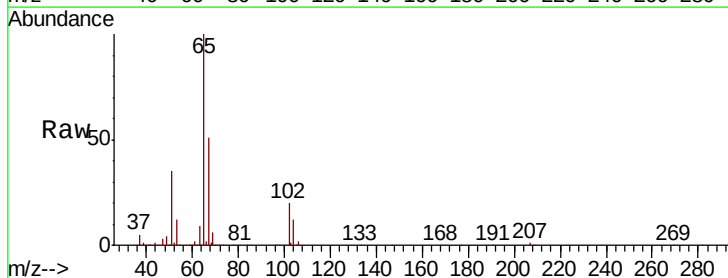
Instrument :
MSVOA_X
ClientSampleId :

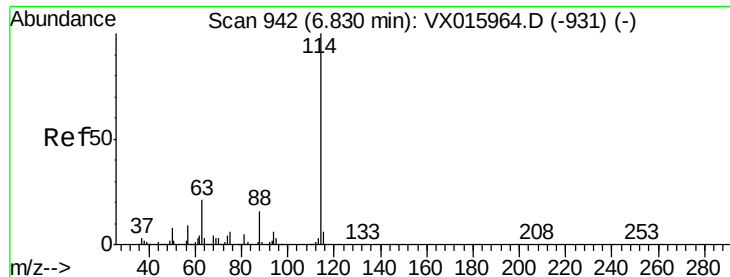
Tot Ion: 56 Resp: 6254
Ion Ratio Lower Upper
56 100
69 171.6 25.4 38.2#
84 133.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 48.645 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

Tgt Ion: 65 Resp: 170294
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015982.D

Acq: 29 Apr 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

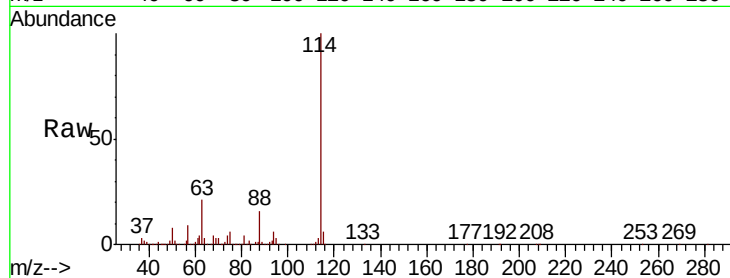
Tot Ion:114 Resp: 432963

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

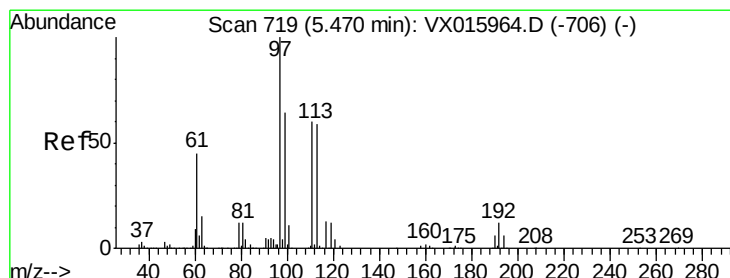
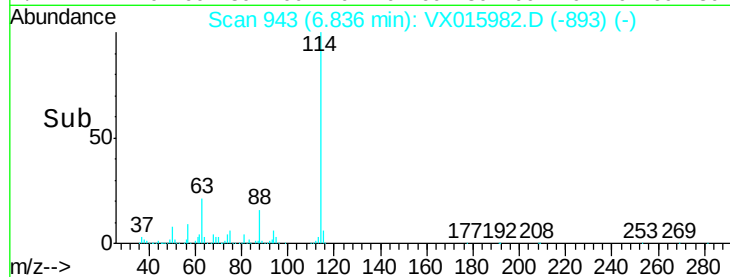
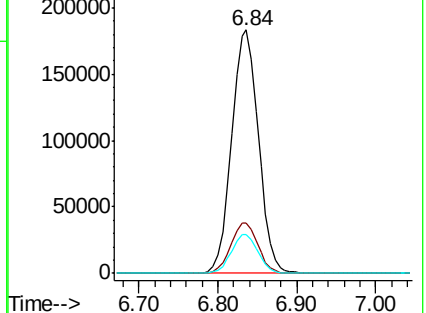
88 15.8 0.0 31.8



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: 47.321 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015982.D

Acq: 29 Apr 2020 17:11

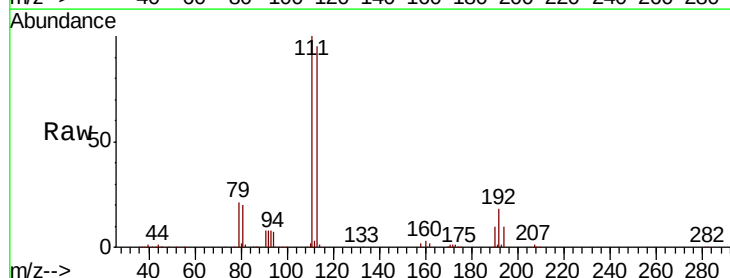
Tgt Ion:113 Resp: 127808

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

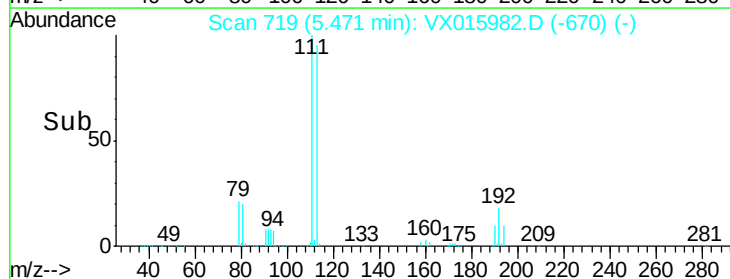
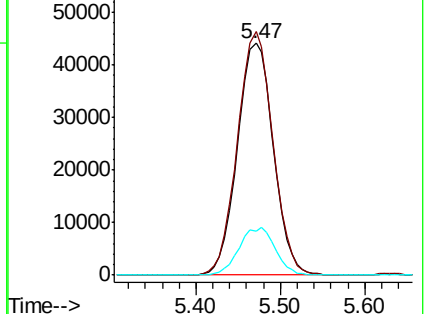
192 20.8 16.8 25.2

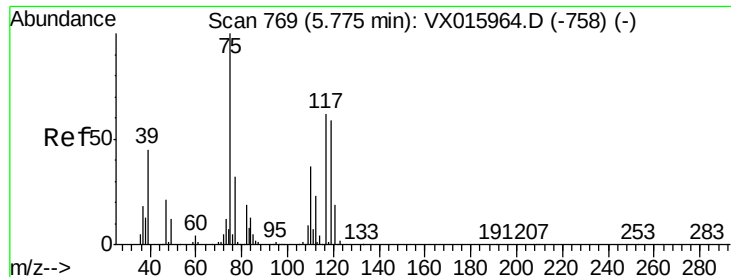


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

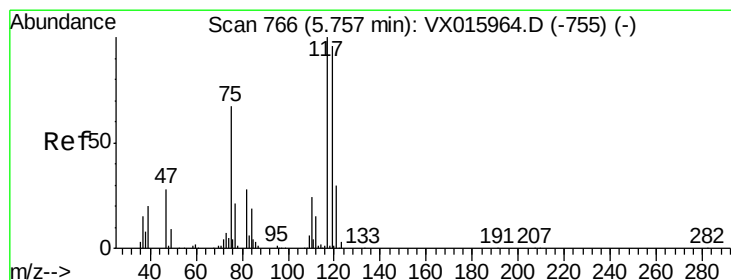
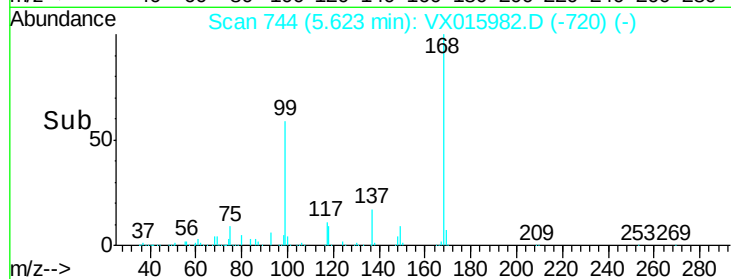
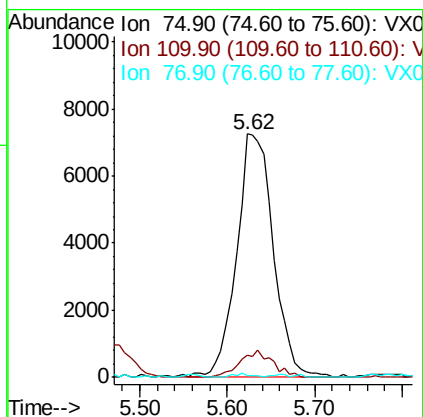
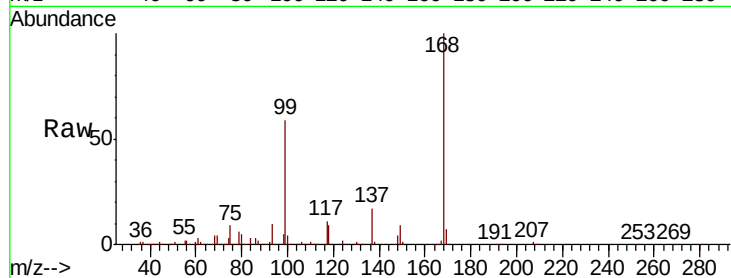




#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX015982.D
 Acq: 29 Apr 2020 17:11

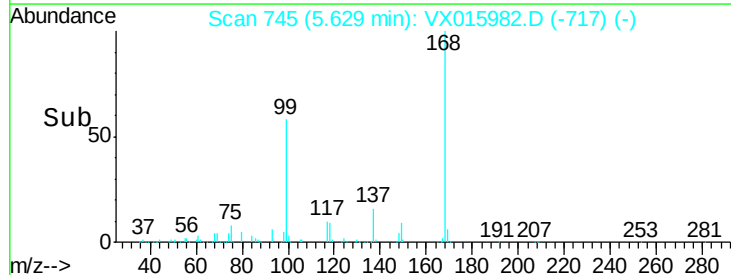
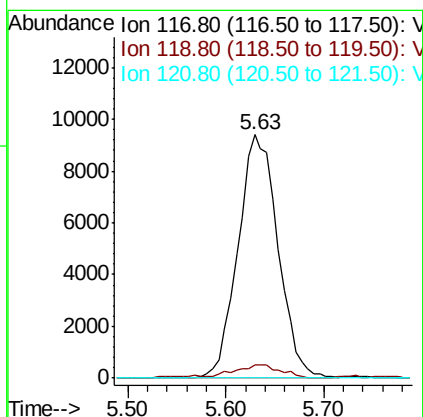
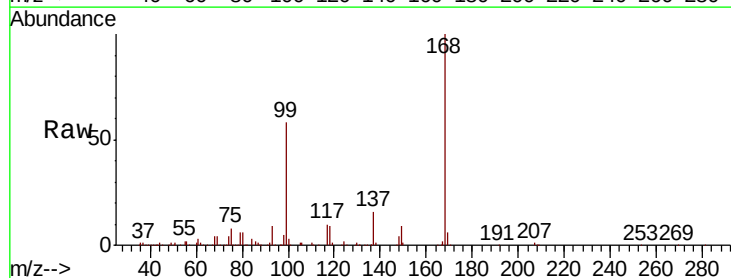
Instrument :
 MSVOA_X
 ClientSampleId :

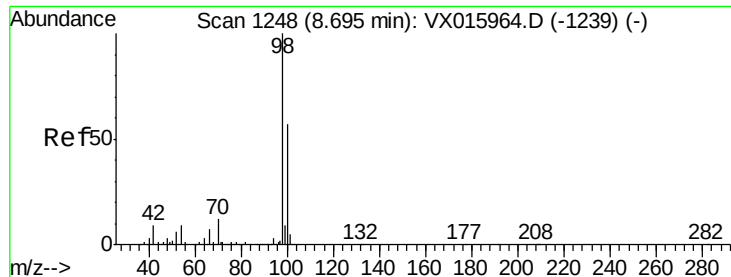
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.9	53.7#
77	0.8	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.118 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX015982.D
 Acq: 29 Apr 2020 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.4#
121	0.0	24.2	36.4#

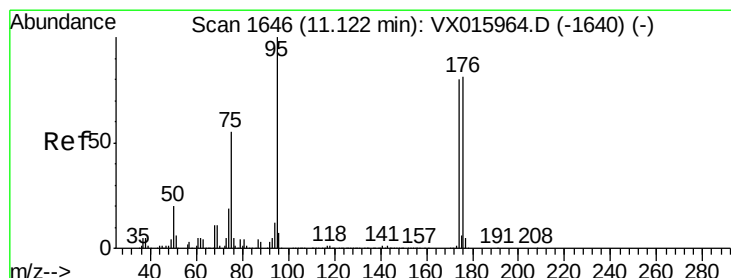
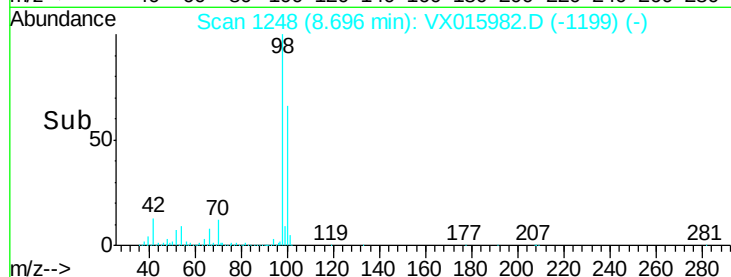
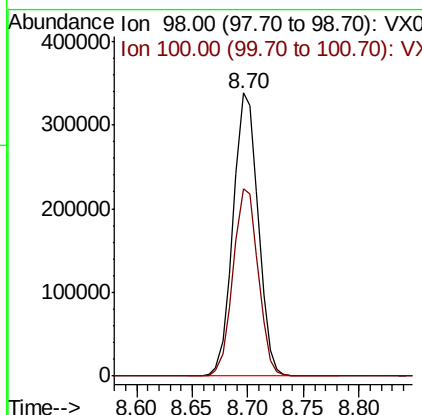
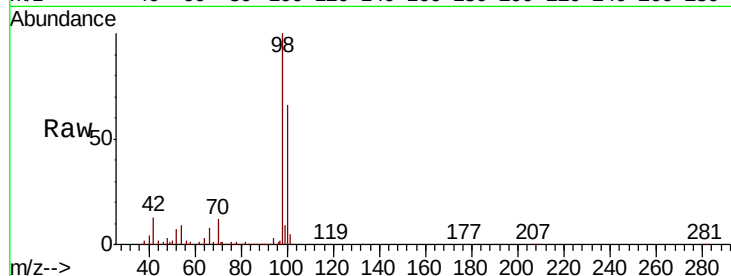




#50
Toluene-d8
Concen: 52.270 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

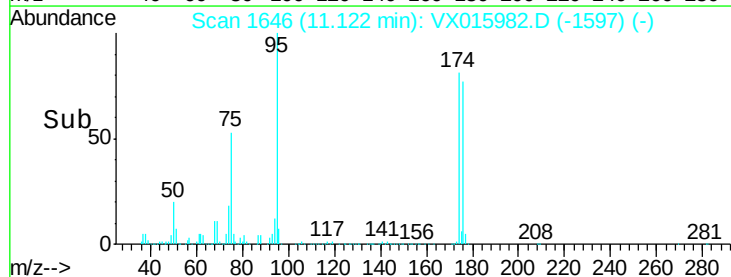
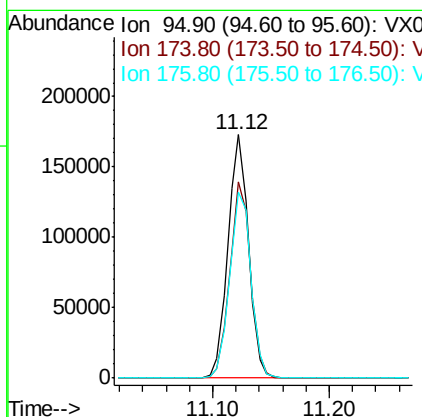
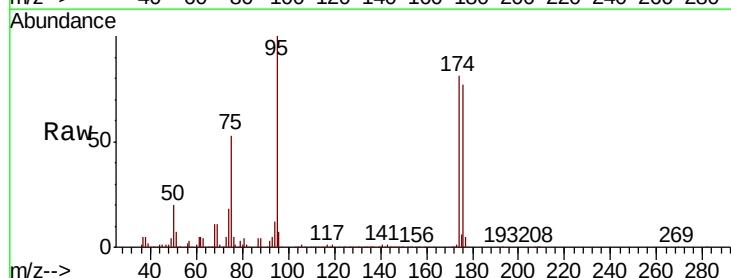
Instrument :
MSVOA_X
ClientSampleId :

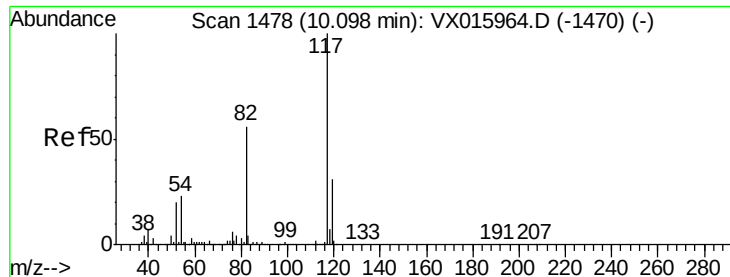
Tot Ion: 98 Resp: 527828
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.496 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

Tgt Ion: 95 Resp: 211879
Ion Ratio Lower Upper
95 100
174 81.2 0.0 165.0
176 79.7 0.0 163.2

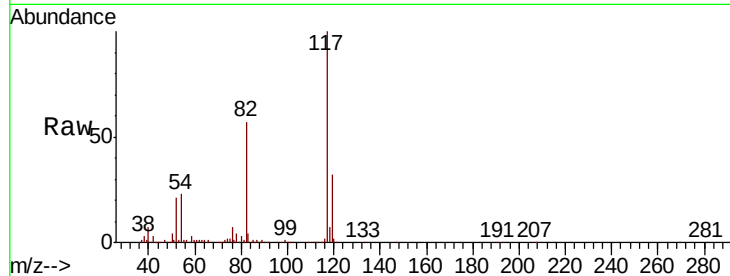




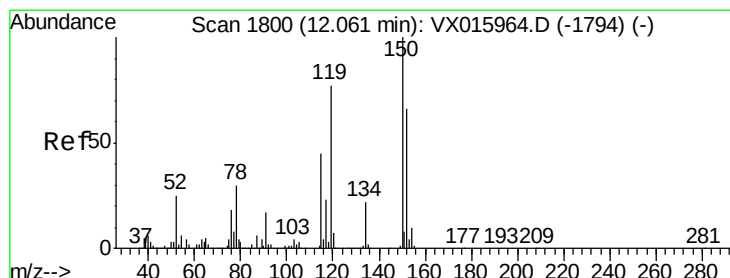
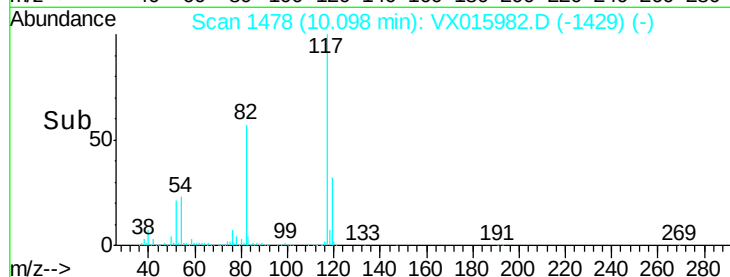
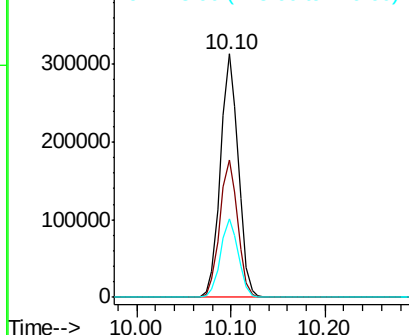
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 414209
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 32.2 25.0 37.6

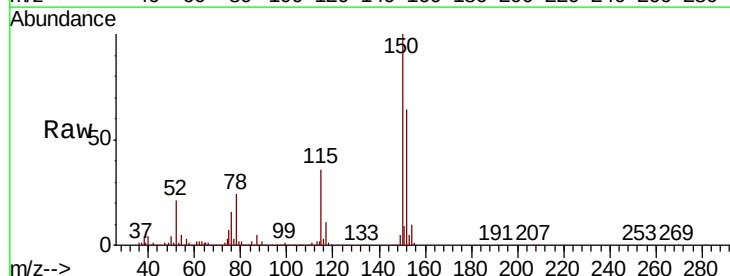


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

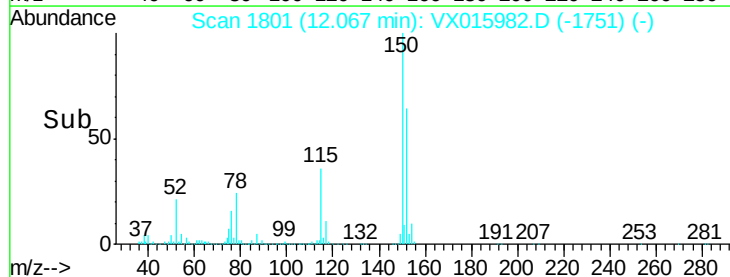
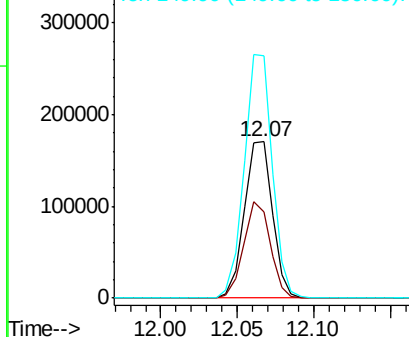


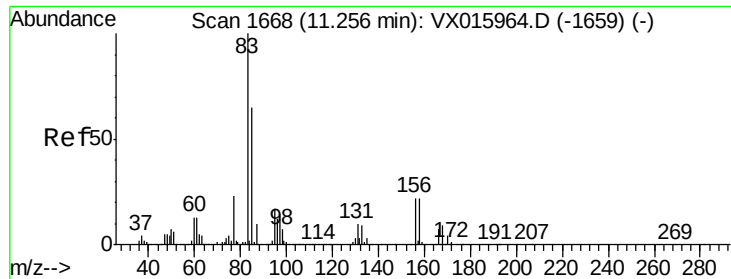
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX015982.D
Acq: 29 Apr 2020 17:11

Tgt Ion:152 Resp: 217798
Ion Ratio Lower Upper
152 100
115 58.7 40.9 122.7
150 154.7 0.0 342.4



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





#75

1,1,2,2-Tetrachloroethane

Concen: 3.708 ug/l

RT: 11.29 min Scan# 1674

Delta R.T. 0.04 min

Lab File: VX015982.D

Acq: 29 Apr 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

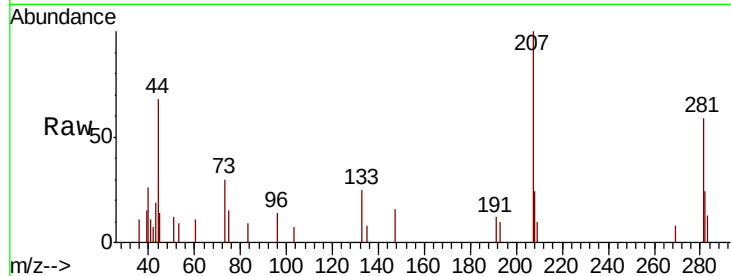
Tot Ion: 83 Resp: 28

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

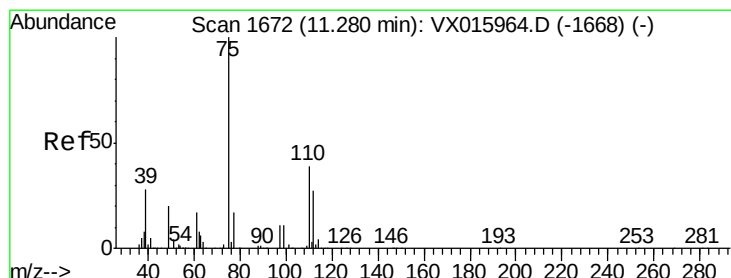
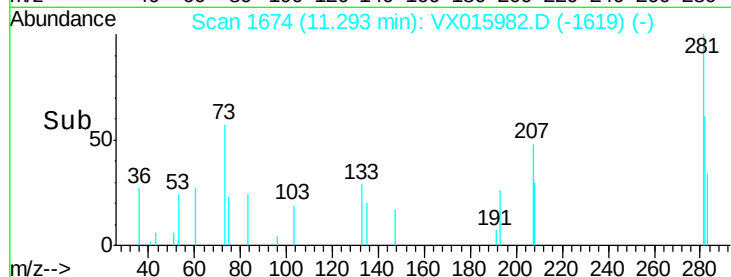
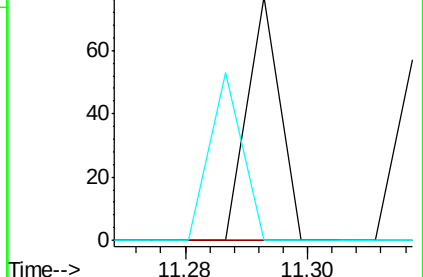
85 67.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.569 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX015982.D

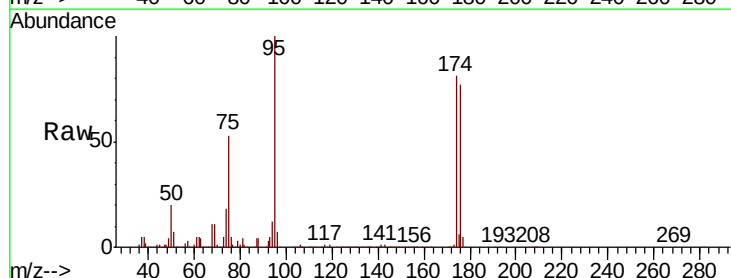
Acq: 29 Apr 2020 17:11

Tgt Ion: 75 Resp: 112285

Ion Ratio Lower Upper

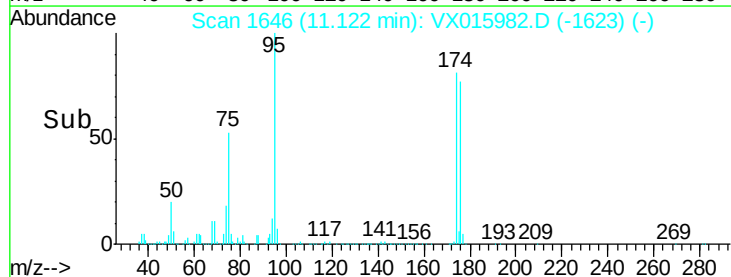
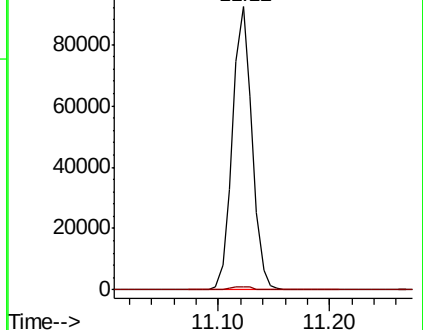
75 100

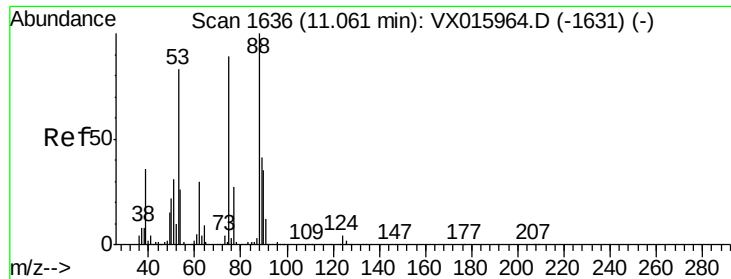
77 1.3 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

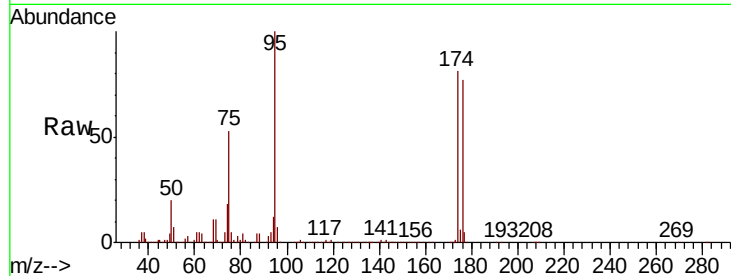




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.061 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX015982.D
 Acq: 29 Apr 2020 17:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 112285
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.3 117.5#
 89 0.0 37.2 55.8#



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

