

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016396.D
 Acq On : 21 May 2020 19:58
 Operator : JC/SP
 Sample : L2732-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 09:23:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	217151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	358436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176318	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	124693	43.64	ug/l	0.00
Spiked Amount			Recovery	=	87.28%	
35) Dibromofluoromethane	5.47	113	103319	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	
50) Toluene-d8	8.70	98	440957	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.12	95	172170	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	

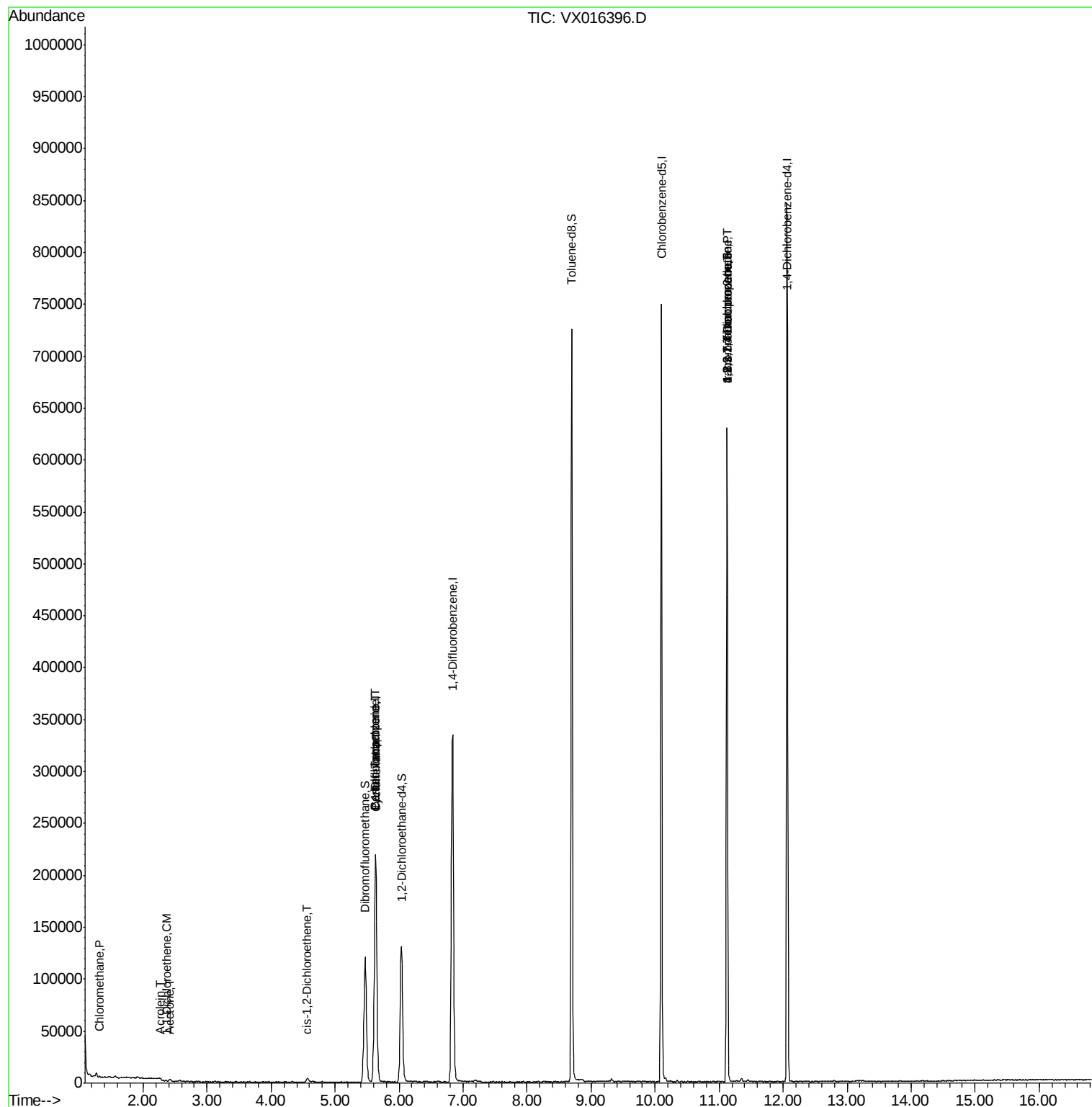
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	675	0.253	ug/l #	84
12) 1,1-Dichloroethene	2.36	96	495	0.219	ug/l #	61
13) Acrolein	2.28	56	244	0.540	ug/l #	37
16) Acetone	2.42	43	2544	1.995	ug/l	98
17) Carbon Disulfide	2.55	76	566	Below Cal	#	87
27) cis-1,2-Dichloroethene	4.57	96	2294	0.834	ug/l	79
31) Cyclohexane	5.64	56	3752	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15634	4.431	ug/l #	50
38) Carbon Tetrachloride	5.63	117	20423	5.695	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.13	83	109	2.095	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	81668	20.412	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	81668	48.642	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 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: VX016396.D

Acq: 21 May 2020 19:58

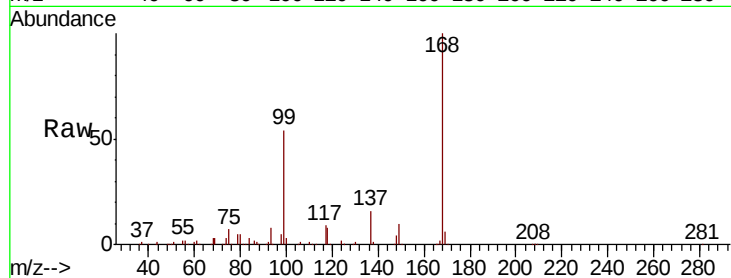
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 217151

Ion Ratio Lower Upper

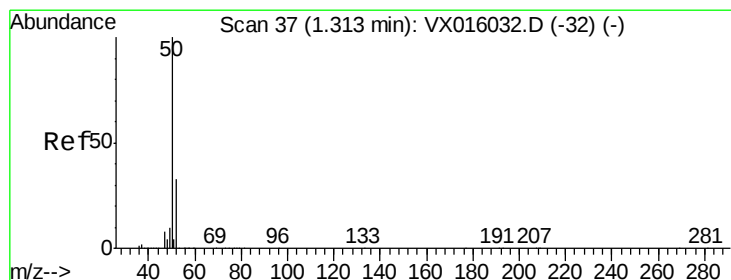
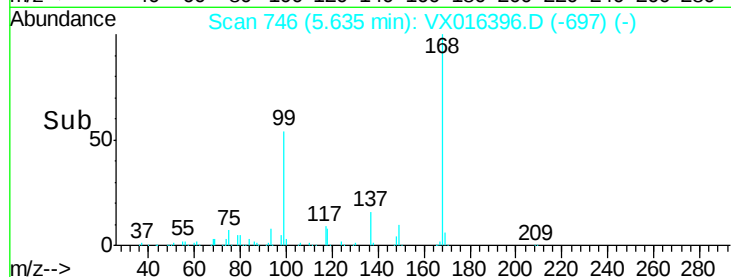
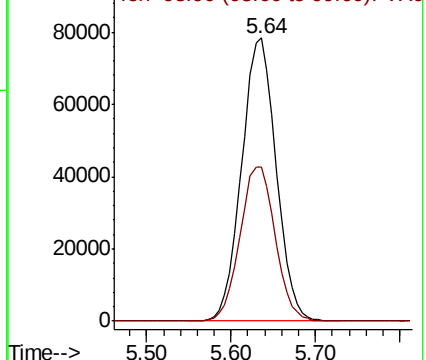
168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016396.D

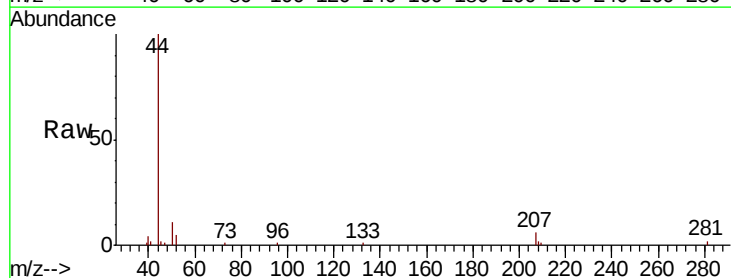
Acq: 21 May 2020 19:58

Tgt Ion: 50 Resp: 675

Ion Ratio Lower Upper

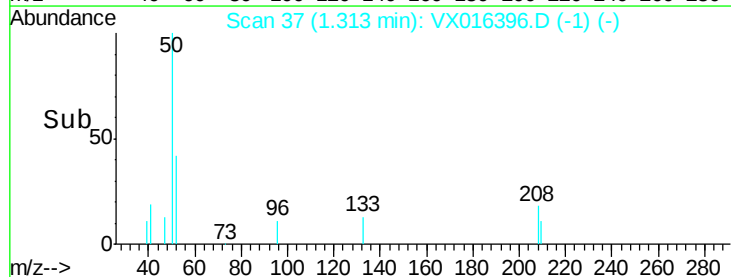
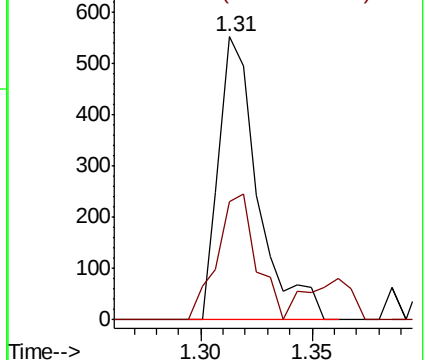
50 100

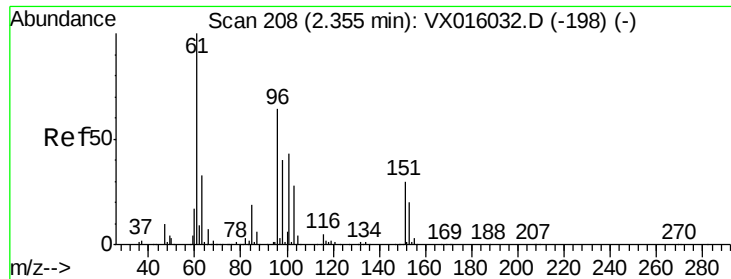
52 41.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#12

1,1-Dichloroethene

Concen: 0.219 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

Instrument :

MSVOA_X

ClientSampled :

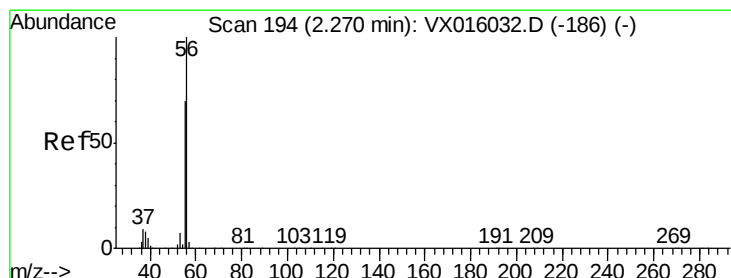
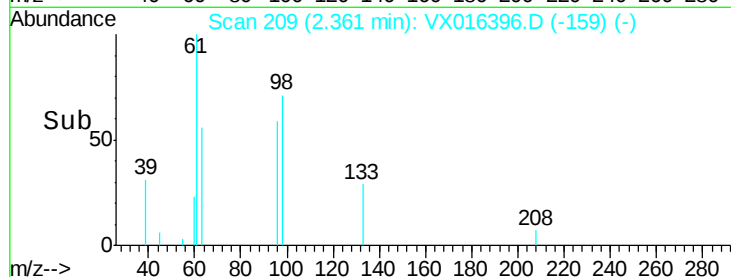
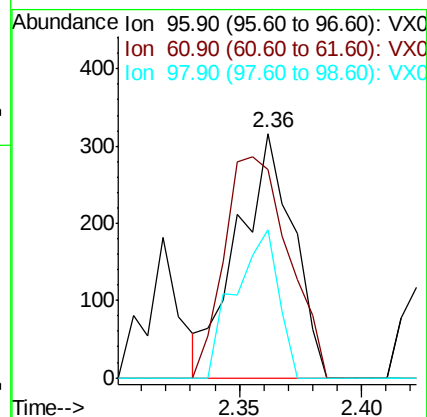
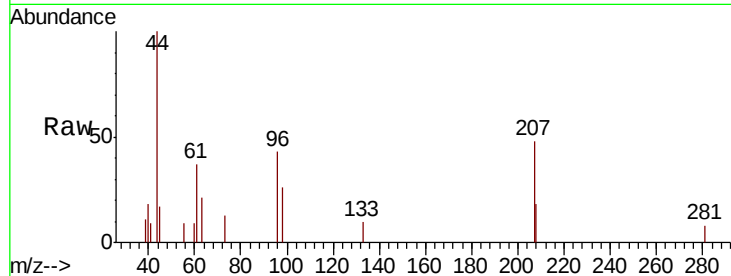
Tot Ion: 96 Resp: 495

Ion Ratio Lower Upper

96 100

61 85.1 124.8 187.2#

98 60.8 49.7 74.5



#13

Acrolein

Concen: 0.540 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016396.D

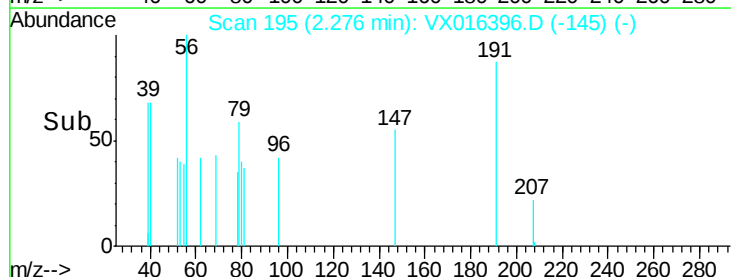
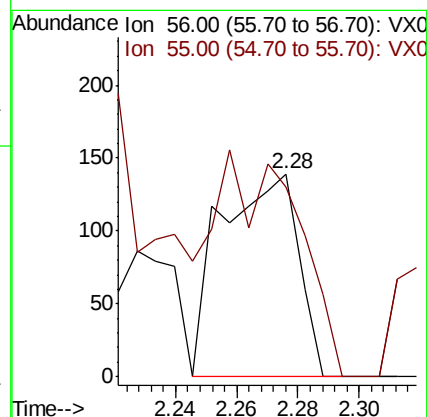
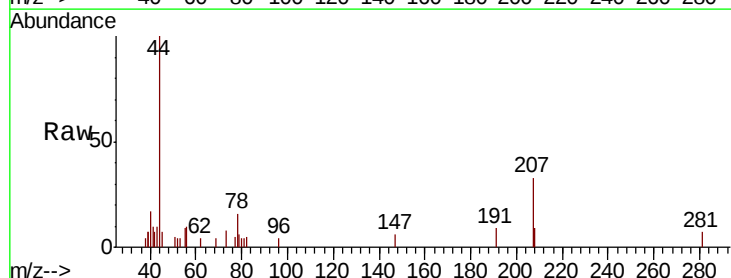
Acq: 21 May 2020 19:58

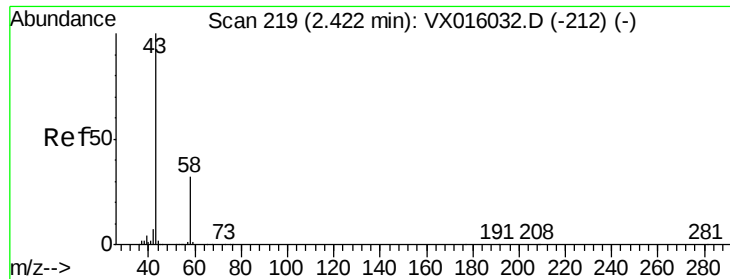
Tgt Ion: 56 Resp: 244

Ion Ratio Lower Upper

56 100

55 18.4 56.5 84.7#





#16

Acetone

Concen: 1.995 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

Instrument :

MSVOA_X

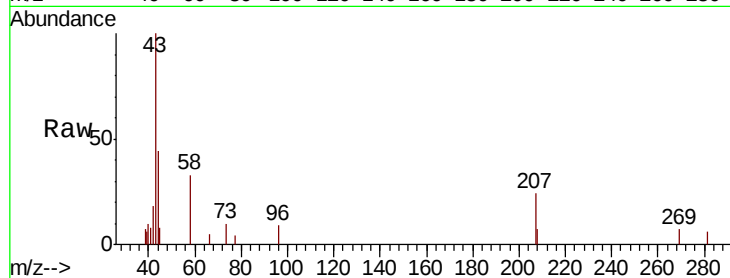
ClientSampled :

Tot Ion: 43 Resp: 2544

Ion Ratio Lower Upper

43 100

58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

1500

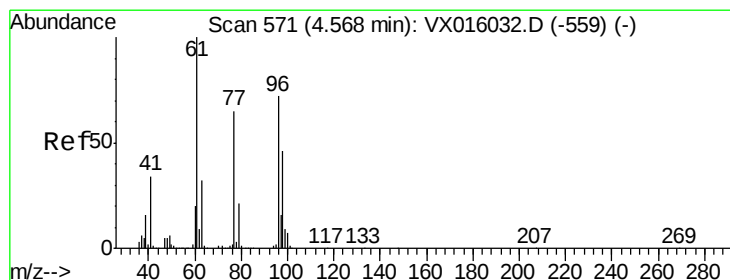
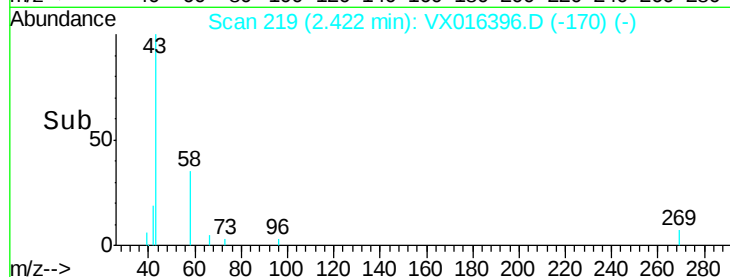
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 0.834 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

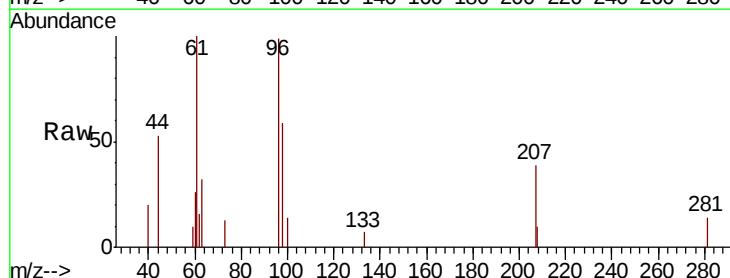
Tgt Ion: 96 Resp: 2294

Ion Ratio Lower Upper

96 100

61 111.6 0.0 296.2

98 63.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1200

1000

800

600

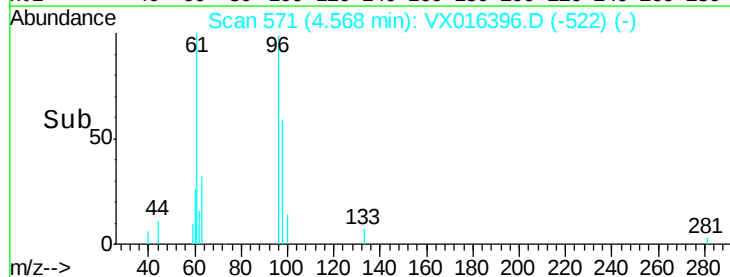
400

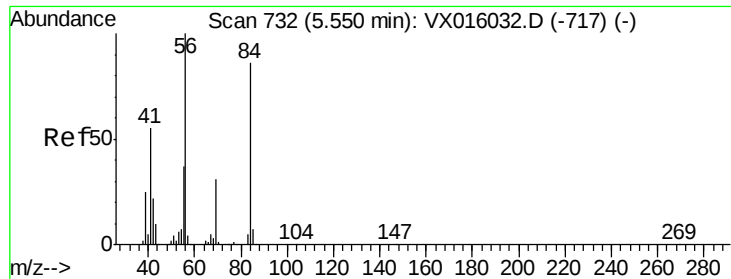
200

0

Time-->

4.45 4.50 4.55 4.60 4.65

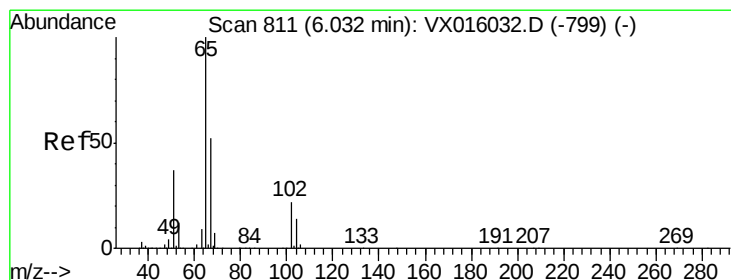
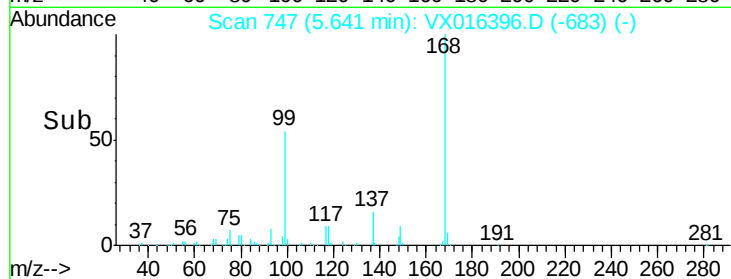
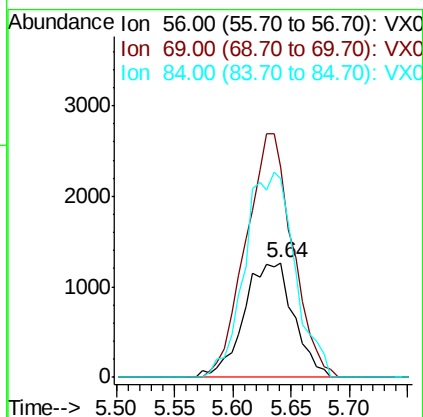
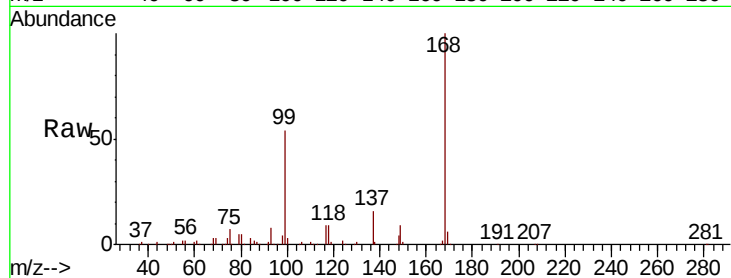




#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.09 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

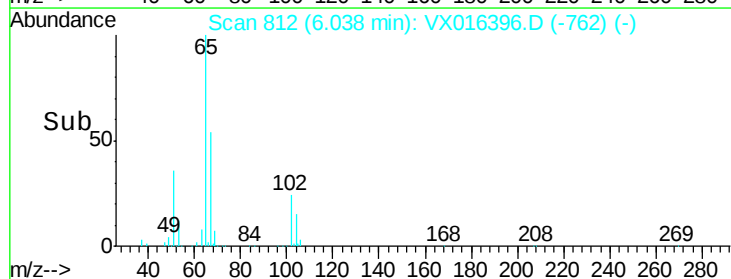
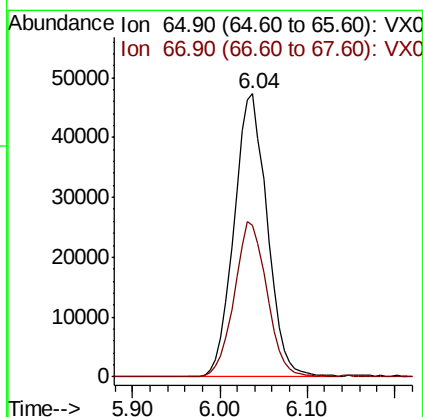
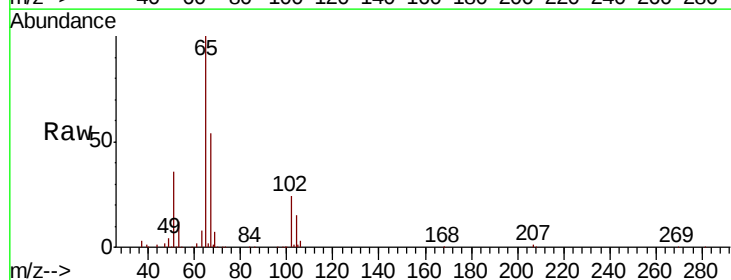
Instrument :
MSVOA_X
ClientSampleId :

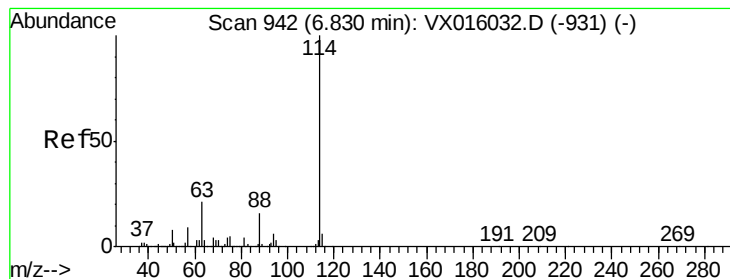
Tot Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 184.1 25.0 37.6#
84 173.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 43.637 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

Tgt Ion: 65 Resp: 124693
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

Instrument :

MSVOA_X

ClientSampleId :

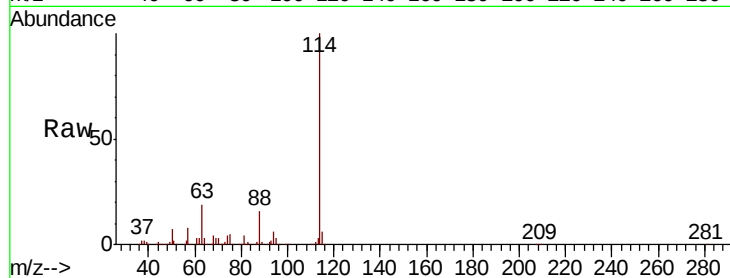
Tot Ion:114 Resp: 358436

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

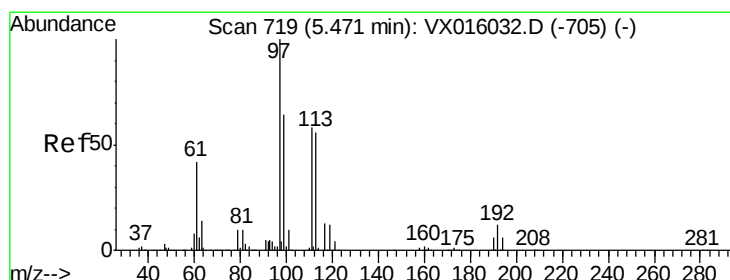
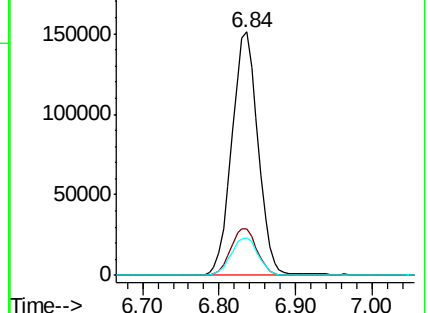
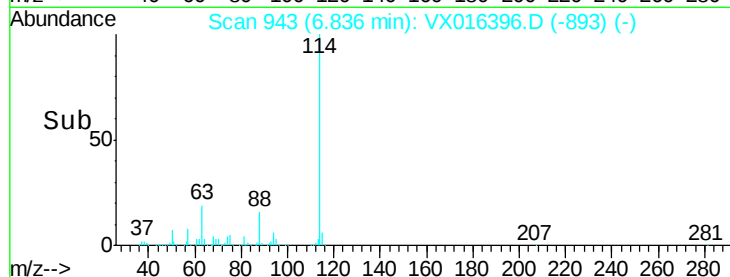
88 15.7 0.0 31.4



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: 45.498 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

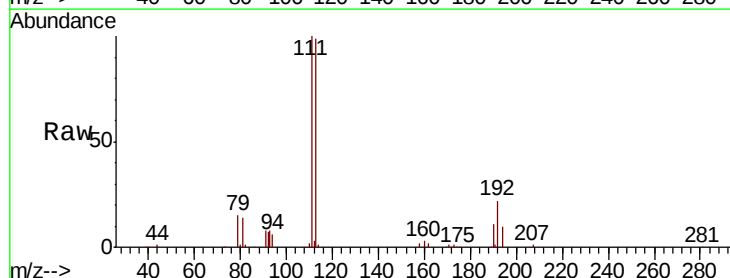
Tgt Ion:113 Resp: 103319

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

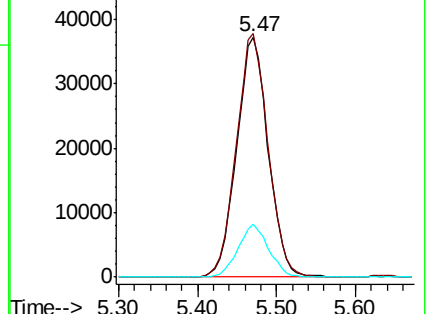
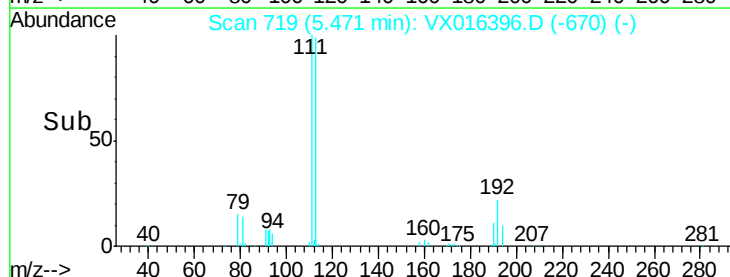
192 21.3 17.0 25.4

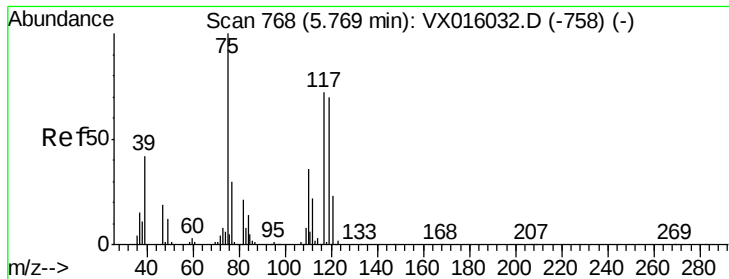


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

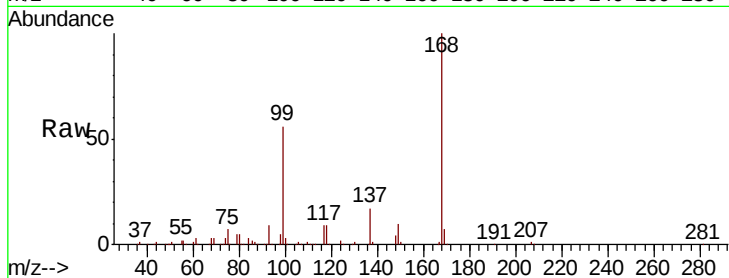




#36
 1,1-Dichloropropene
 Concen: 4.431 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016396.D
 Acq: 21 May 2020 19:58

Instrument :
 MSVOA_X
 ClientSampleId :

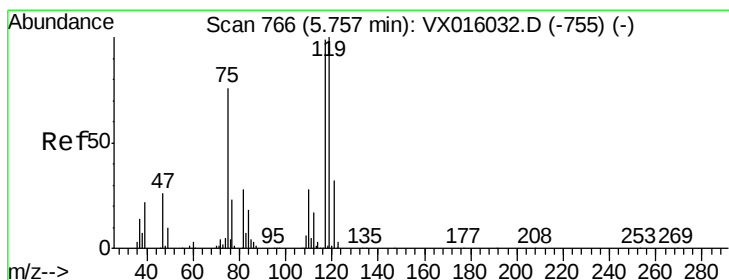
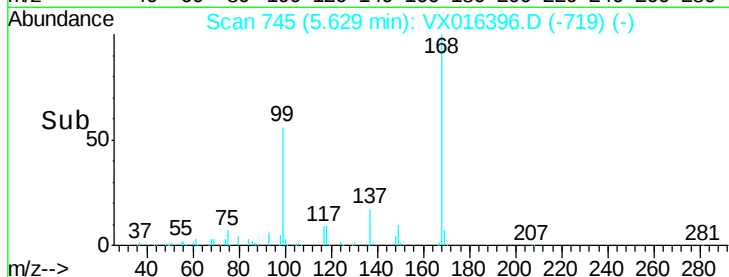
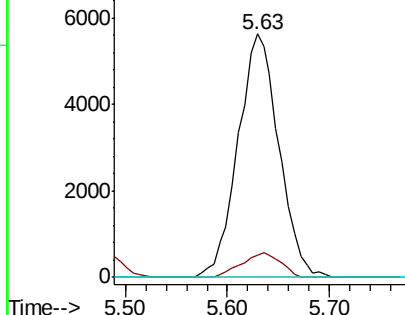
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX016032.D (-758) (-)

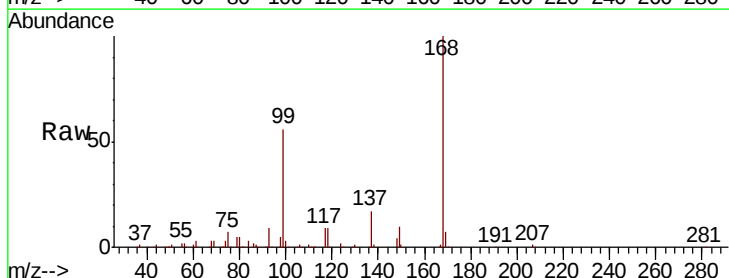
Ion 109.90 (109.60 to 110.60): VX016032.D (-758) (-)

Ion 76.90 (76.60 to 77.60): VX016032.D (-758) (-)



#38
 Carbon Tetrachloride
 Concen: 5.695 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016396.D
 Acq: 21 May 2020 19:58

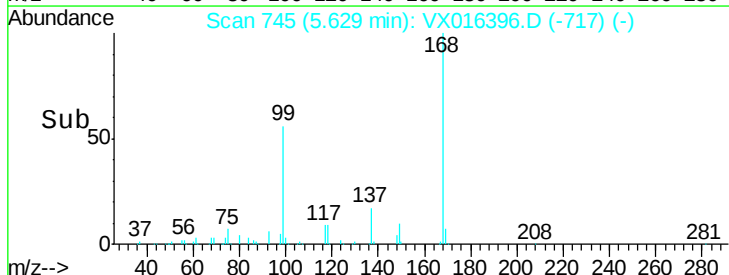
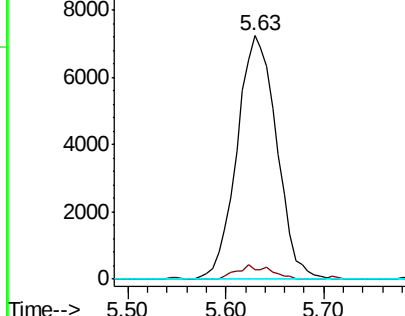
Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	80.3	120.5#
121	0.0	25.7	38.5#

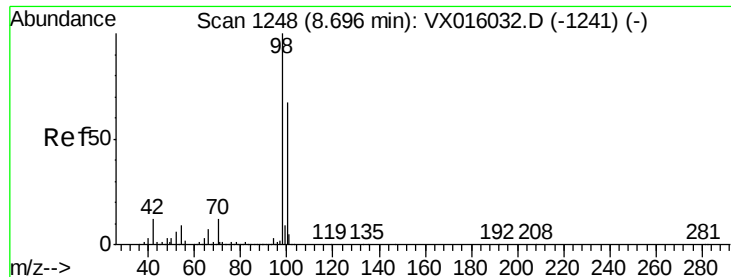


Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016032.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016032.D (-755) (-)

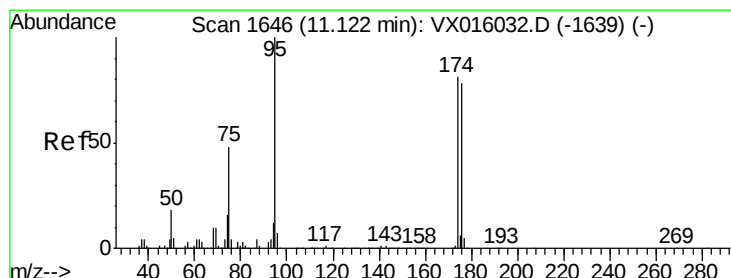
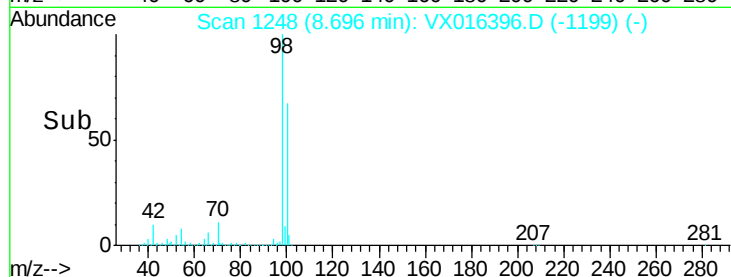
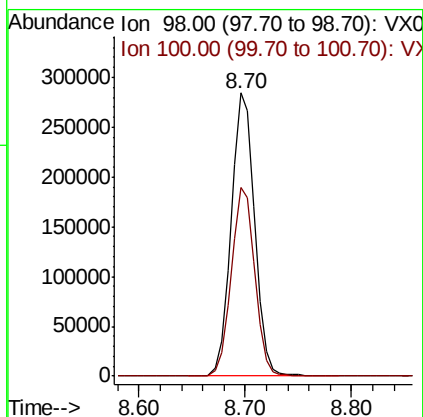
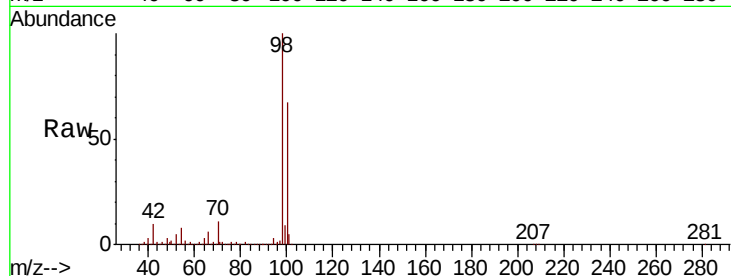




#50
Toluene-d8
Concen: 50.397 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

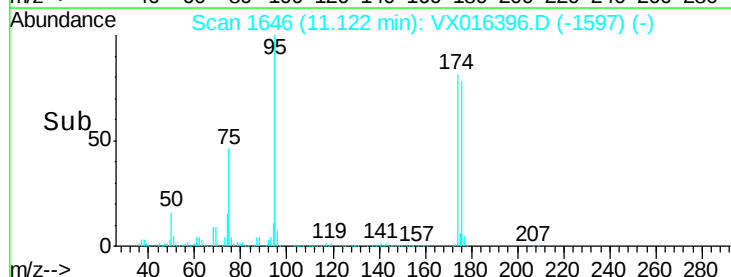
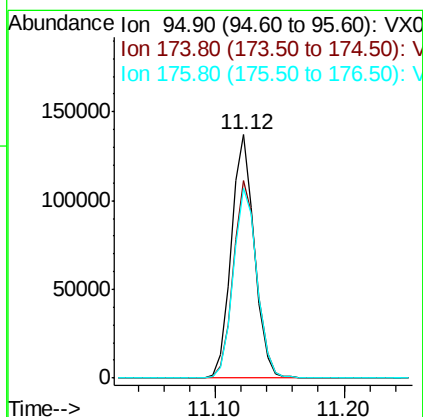
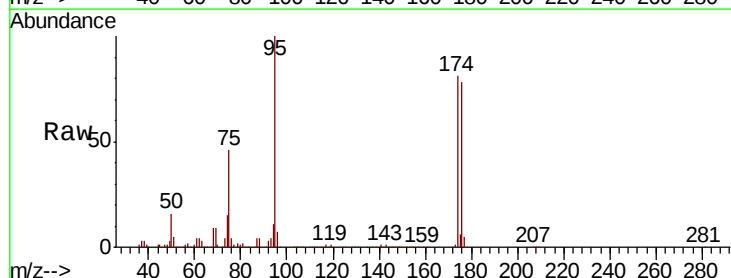
Instrument :
MSVOA_X
ClientSampleId :

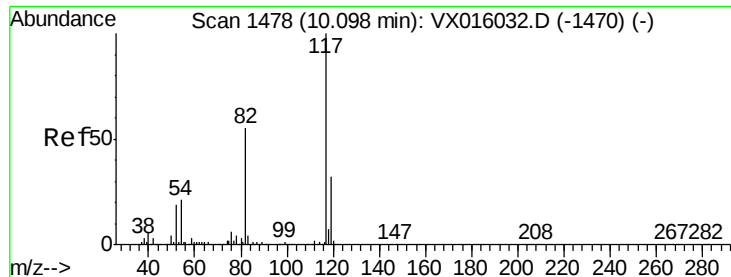
Tot Ion: 98 Resp: 440957
Ion Ratio Lower Upper
98 100
100 66.7 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 51.734 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

Tgt Ion: 95 Resp: 172170
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 79.9 0.0 157.6

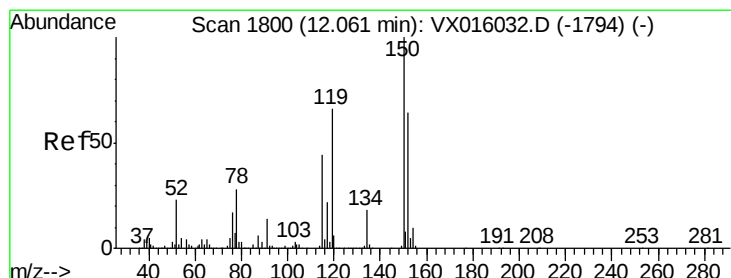
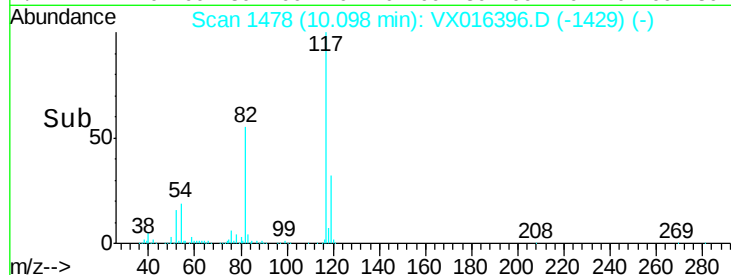
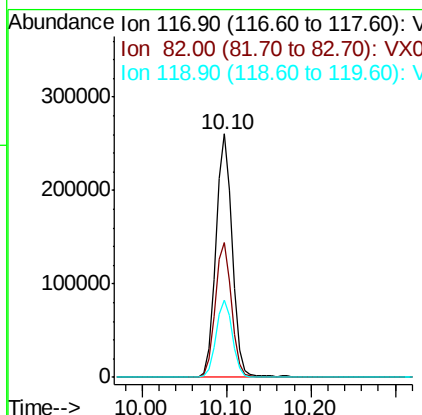
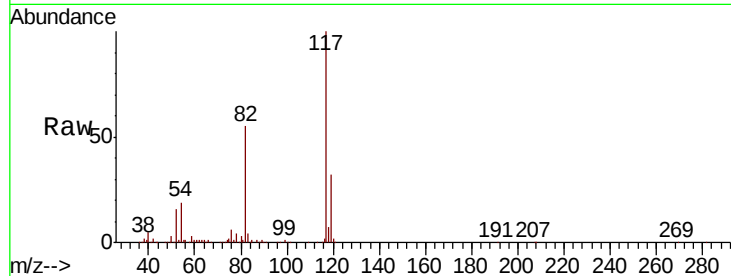




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

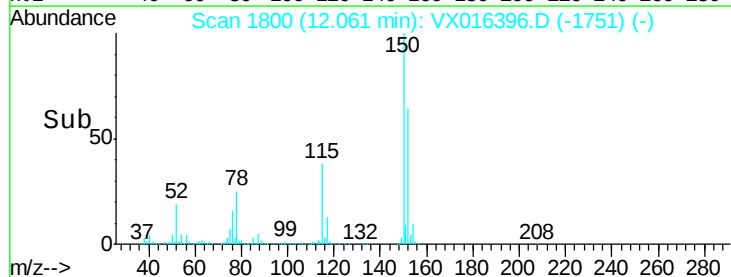
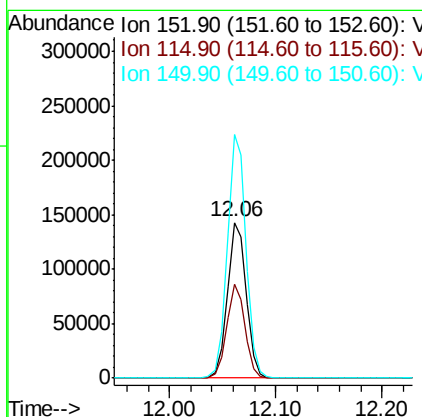
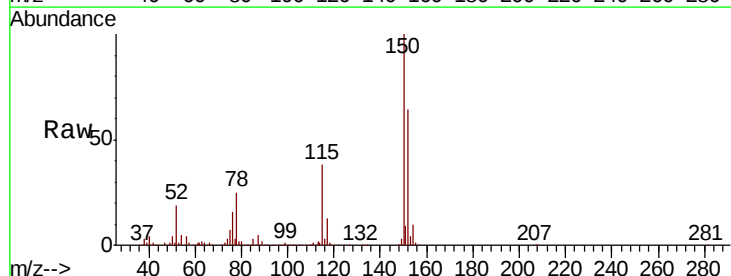
Instrument :
MSVOA_X
ClientSampleId :

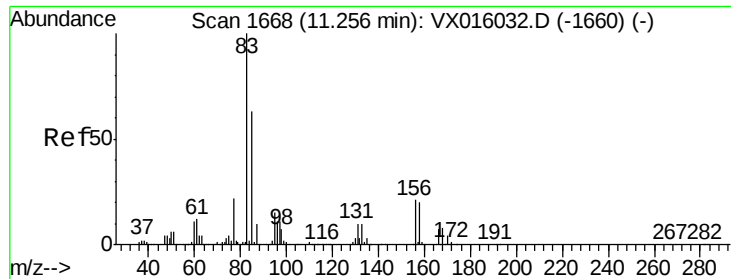
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.4	66.6
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016396.D
Acq: 21 May 2020 19:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.3	124.1
150	155.4	0.0	352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.095 ug/l

RT: 11.13 min Scan# 1647

Delta R.T. -0.13 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

Instrument :

MSVOA_X

ClientSampled :

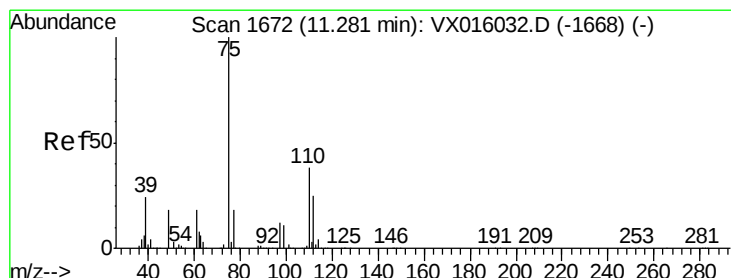
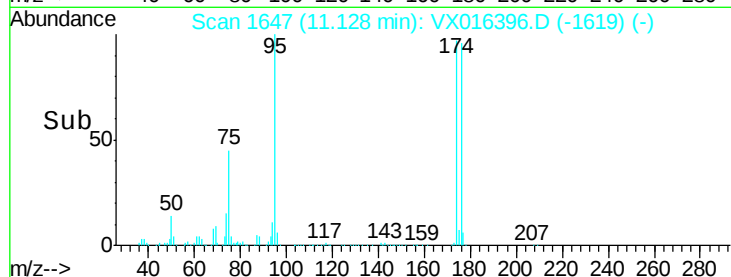
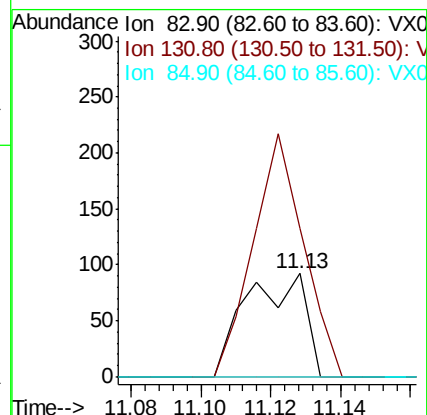
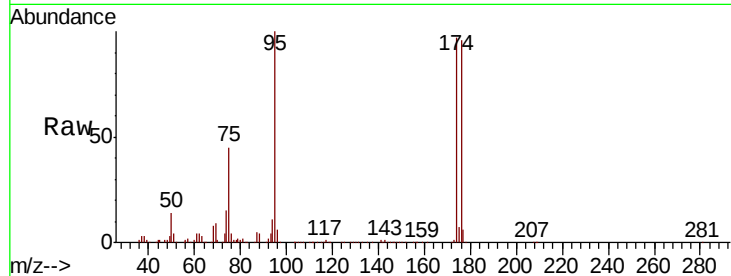
Tot Ion: 83 Resp: 109

Ion Ratio Lower Upper

83 100

131 199.1 5.1 15.4#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 20.412 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016396.D

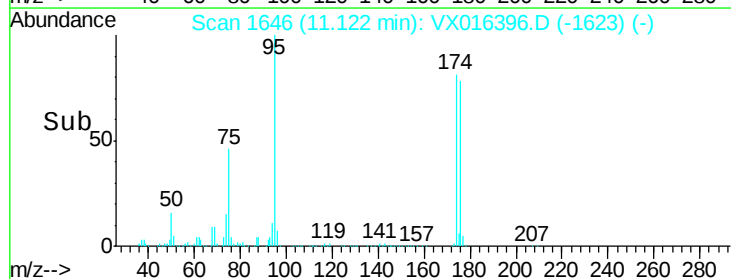
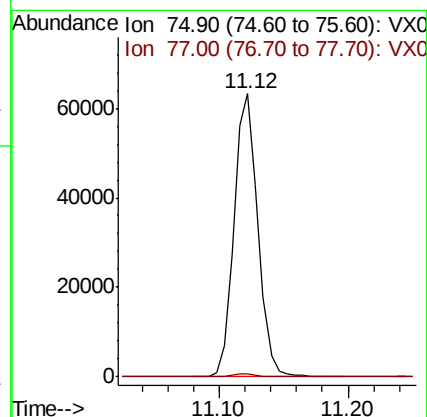
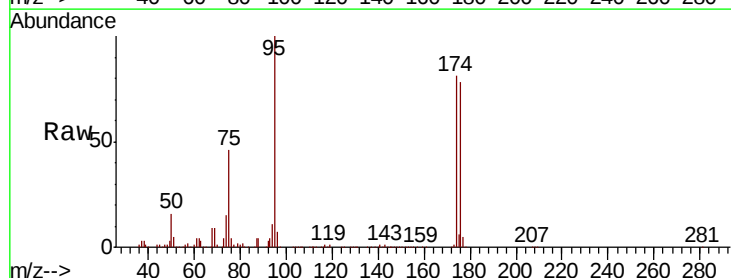
Acq: 21 May 2020 19:58

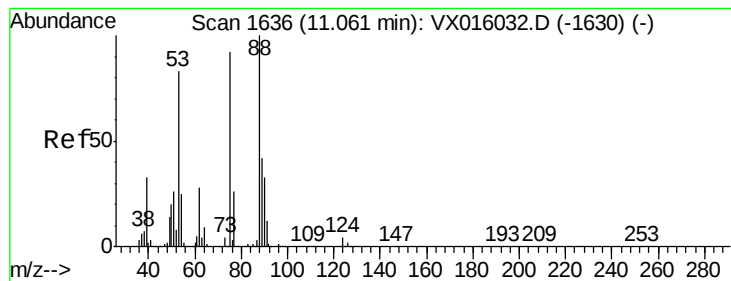
Tgt Ion: 75 Resp: 81668

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 48.642 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016396.D

Acq: 21 May 2020 19:58

Instrument :

MSVOA_X

ClientSampleId :

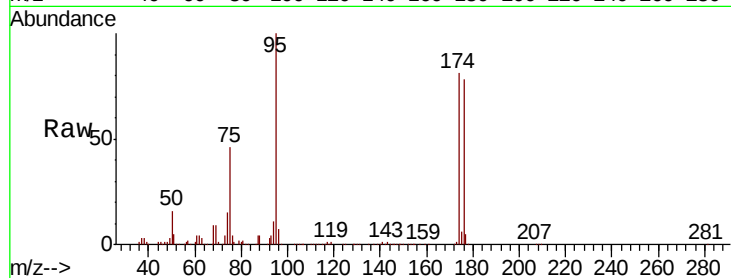
Tot Ion: 75 Resp: 81668

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#



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

