

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016395.D
 Acq On : 21 May 2020 19:35
 Operator : JC/SP
 Sample : L2732-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 09:23:22 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	5.63	168	226534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	375676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	189498	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	131986	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	5.47	113	107167	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
50) Toluene-d8	8.70	98	463078	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	181646	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	

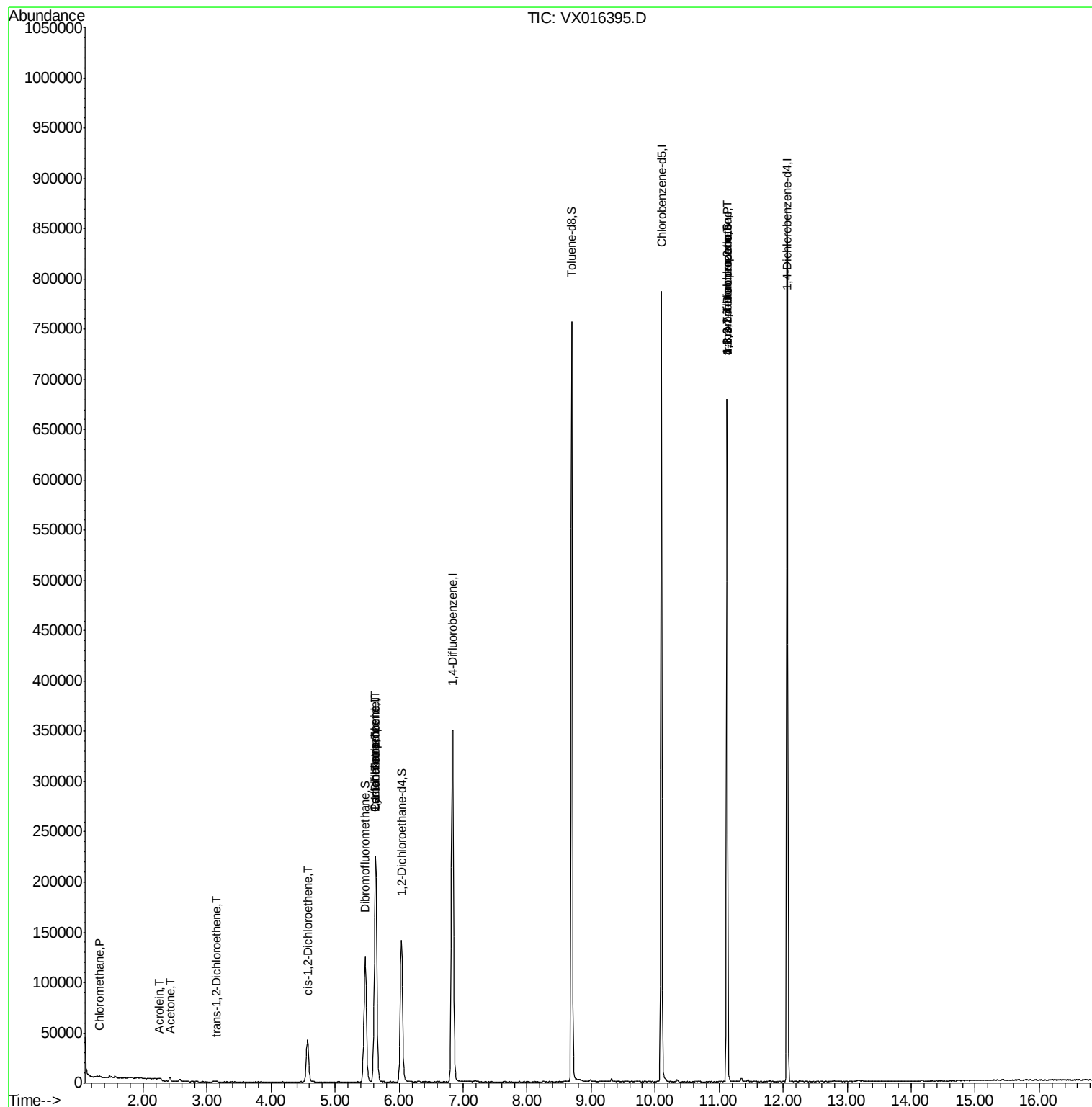
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	962	0.345	ug/l	90
13) Acrolein	2.26	56	174	0.369	ug/l #	27
16) Acetone	2.42	43	4209	3.164	ug/l	99
17) Carbon Disulfide	2.56	76	611	Below Cal	#	81
21) trans-1,2-Dichloroethene	3.14	96	701	0.267	ug/l #	61
27) cis-1,2-Dichloroethene	4.57	96	28323	9.873	ug/l	82
31) Cyclohexane	5.63	56	3943	0.952	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15788	4.269	ug/l #	50
38) Carbon Tetrachloride	5.63	117	21839	5.810	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.12	83	144	2.105	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	86863	20.200	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	86863	48.138	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: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016395.D

Acq: 21 May 2020 19:35

Instrument :

MSVOA_X

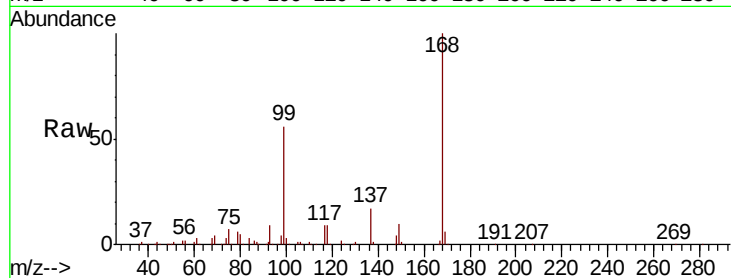
ClientSampleId :

Tot Ion:168 Resp: 226534

Ion Ratio Lower Upper

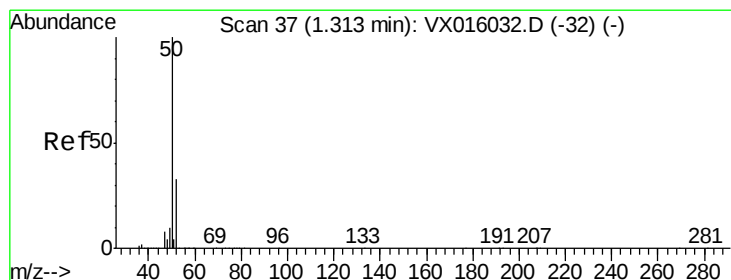
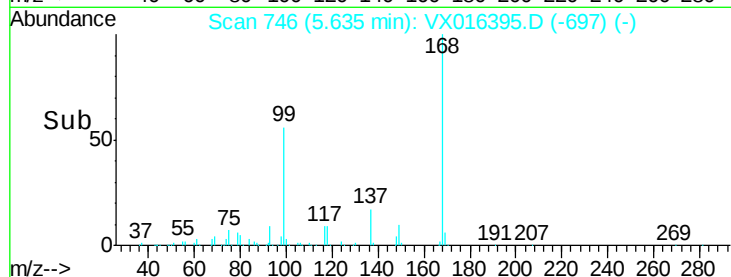
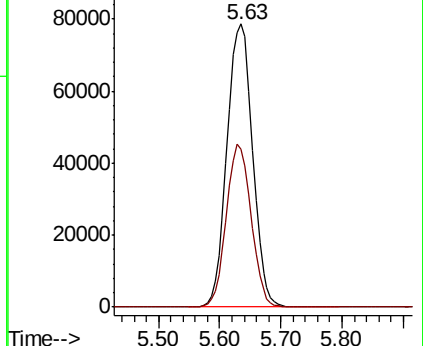
168 100

99 55.6 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: 0.345 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016395.D

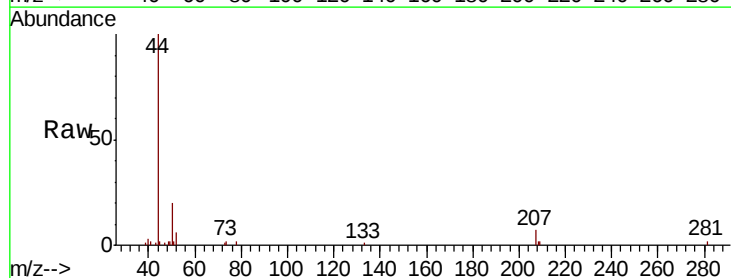
Acq: 21 May 2020 19:35

Tgt Ion: 50 Resp: 962

Ion Ratio Lower Upper

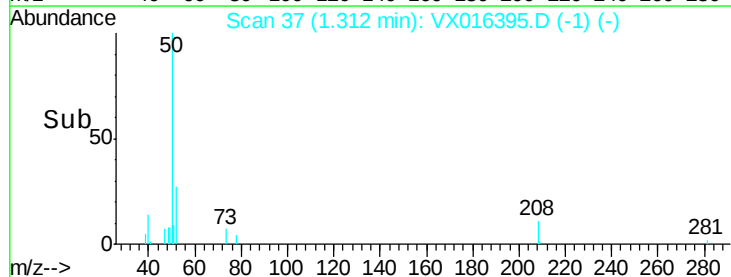
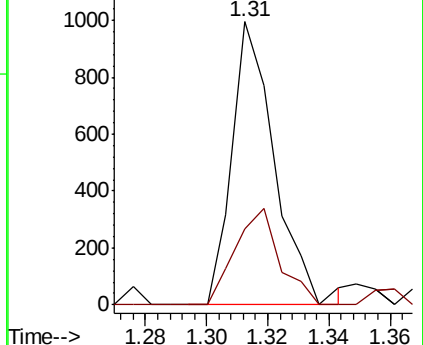
50 100

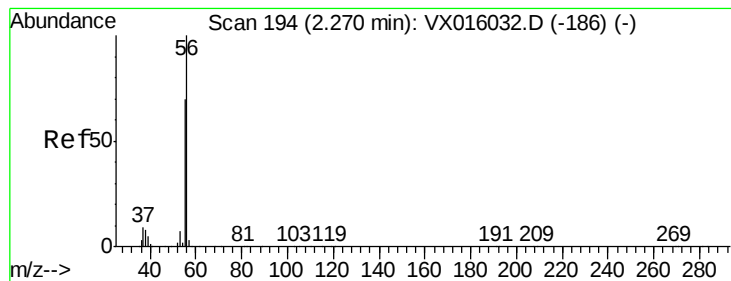
52 26.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#13

Acrolein

Concen: 0.369 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016395.D

Acq: 21 May 2020 19:35

Instrument :

MSVOA_X

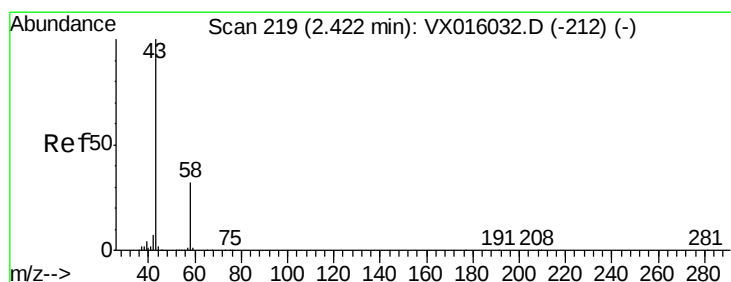
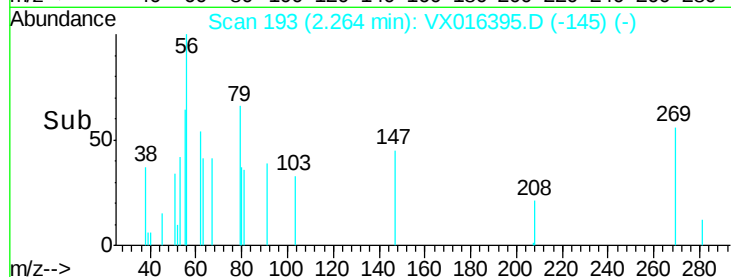
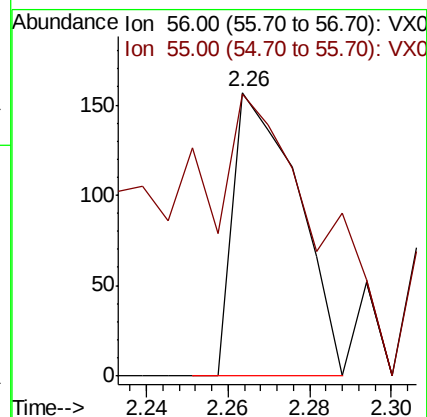
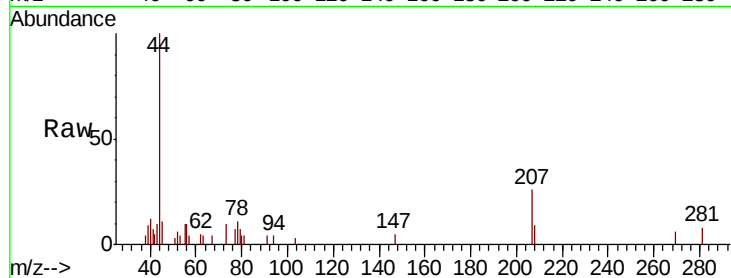
ClientSampleId :

Tot Ion: 56 Resp: 174

Ion Ratio Lower Upper

56 100

55 131.0 56.5 84.7#



#16

Acetone

Concen: 3.164 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016395.D

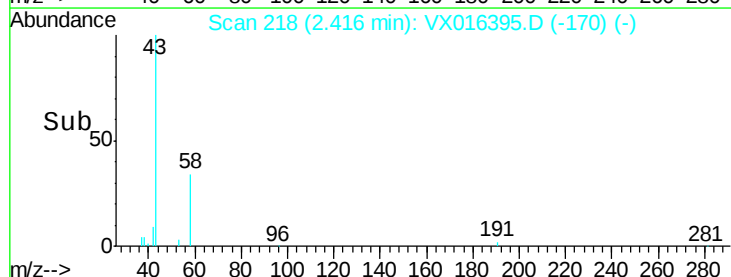
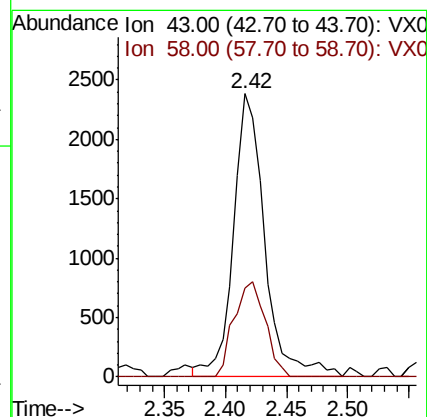
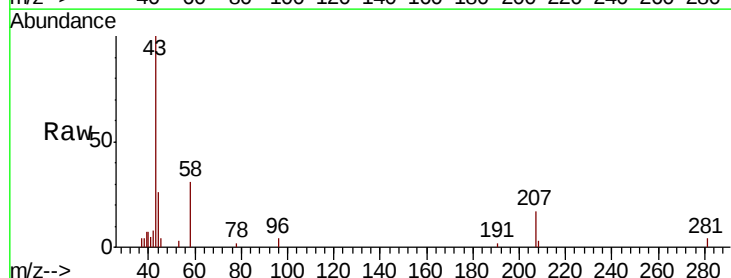
Acq: 21 May 2020 19:35

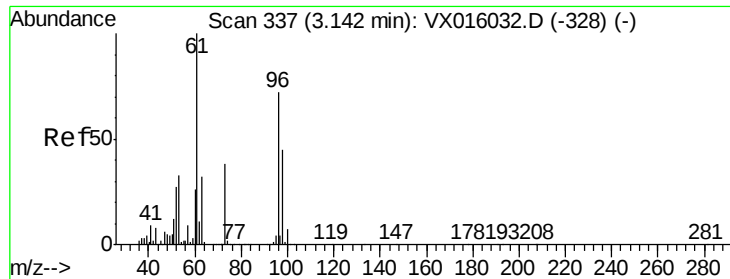
Tgt Ion: 43 Resp: 4209

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.0

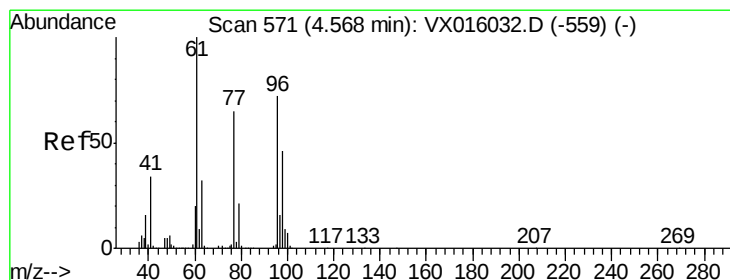
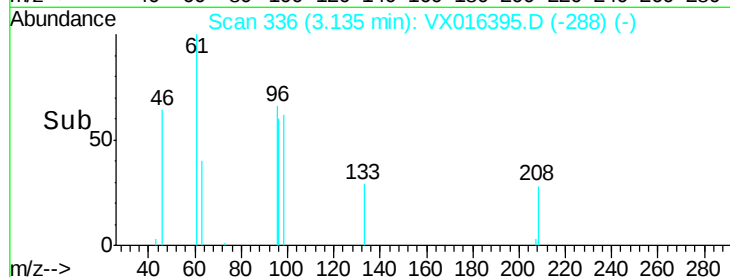
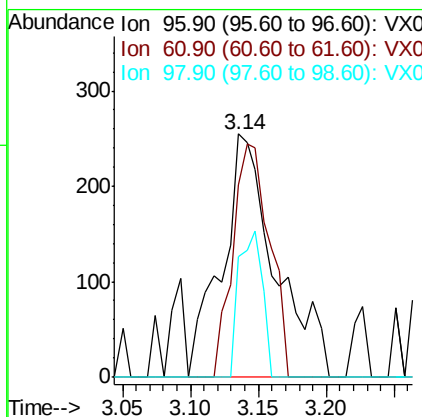
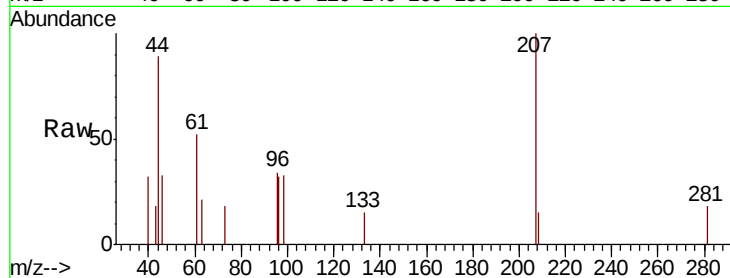




#21
trans-1,2-Dichloroethene
Concen: 0.267 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

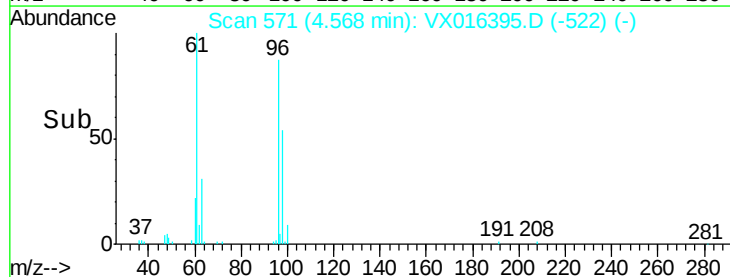
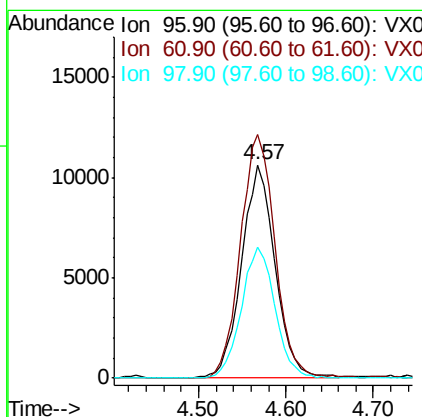
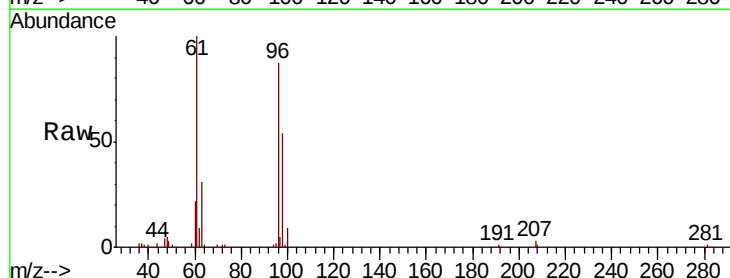
Instrument :
MSVOA_X
ClientSampleId :

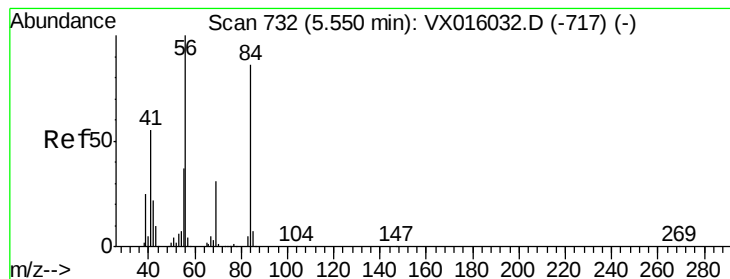
Tot Ion: 96 Resp: 701
Ion Ratio Lower Upper
96 100
61 79.2 111.2 166.8#
98 49.4 50.2 75.4#



#27
cis-1,2-Dichloroethene
Concen: 9.873 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

Tgt Ion: 96 Resp: 28323
Ion Ratio Lower Upper
96 100
61 118.0 0.0 296.2
98 61.6 0.0 129.4





#31

Cyclohexane

Concen: 0.952 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016395.D

Acq: 21 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

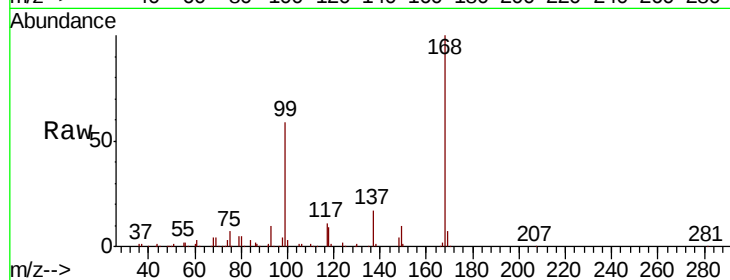
Tot Ion: 56 Resp: 3943

Ion Ratio Lower Upper

56 100

69 191.4 25.0 37.6#

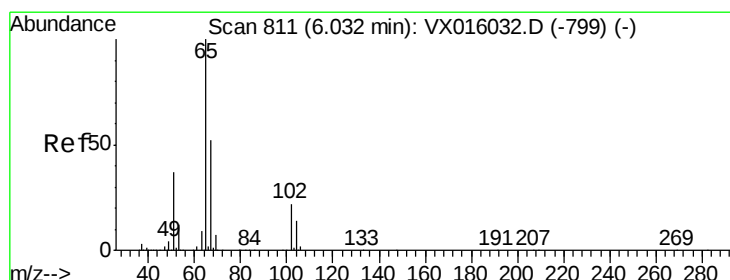
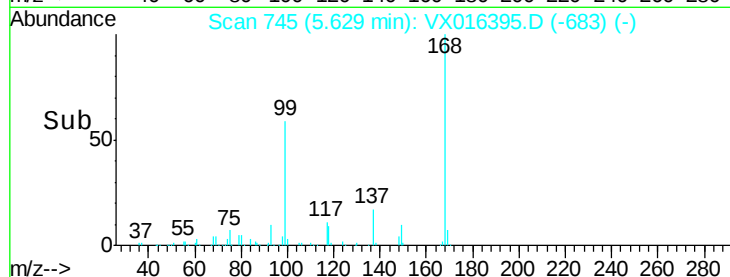
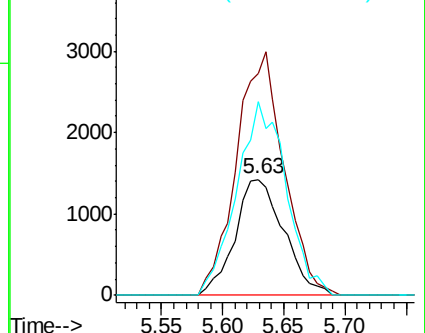
84 167.1 69.0 103.6#



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: 44.276 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016395.D

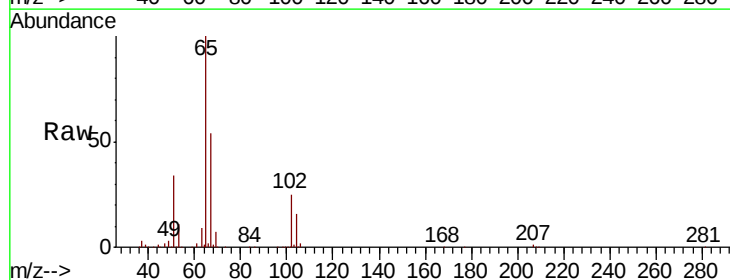
Acq: 21 May 2020 19:35

Tgt Ion: 65 Resp: 131986

Ion Ratio Lower Upper

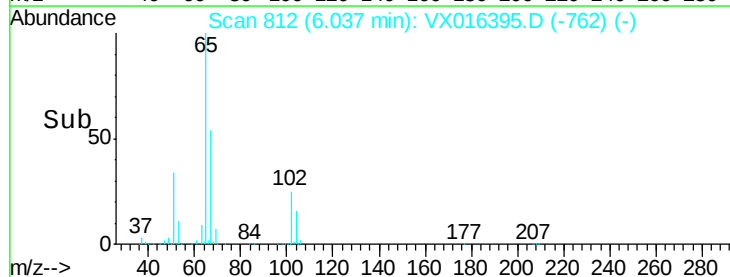
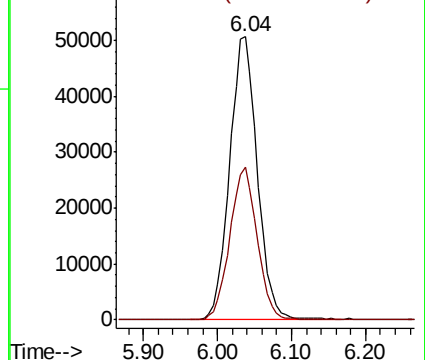
65 100

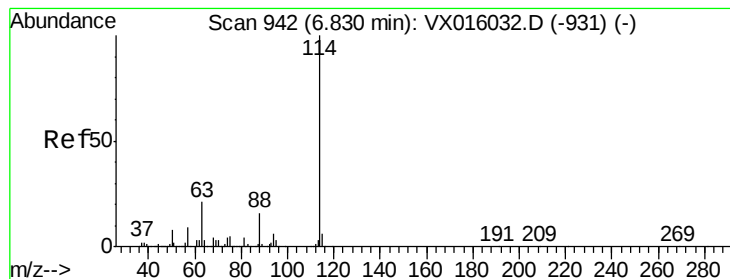
67 53.2 0.0 104.8



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: VX016395.D

Acq: 21 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

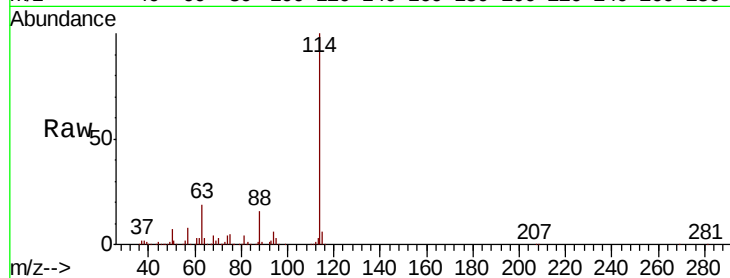
Tot Ion:114 Resp: 375676

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

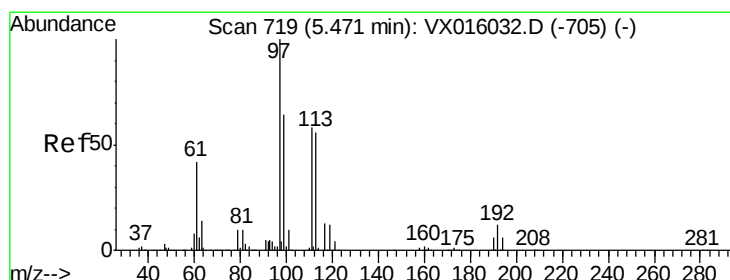
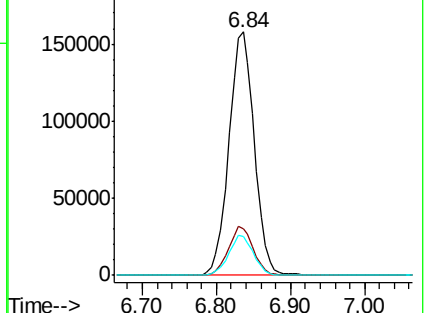
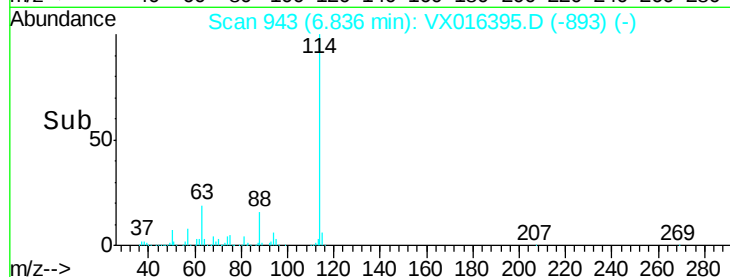
88 15.9 0.0 31.4



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: 45.027 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016395.D

Acq: 21 May 2020 19:35

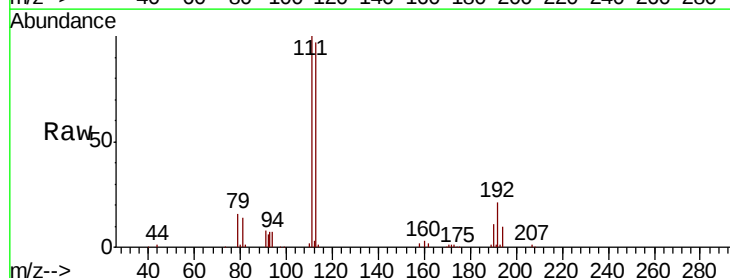
Tgt Ion:113 Resp: 107167

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

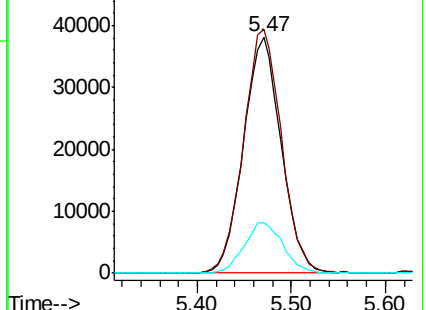
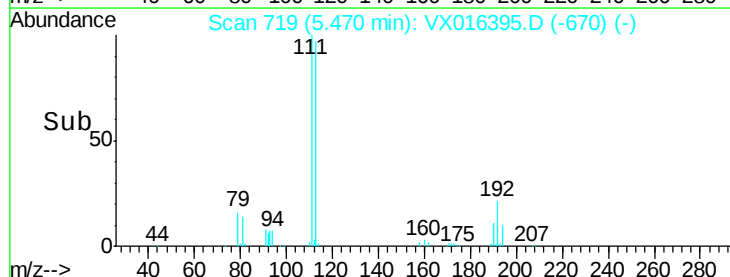
192 21.9 17.0 25.4

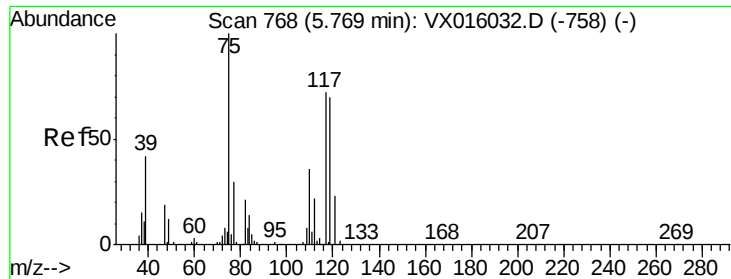


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

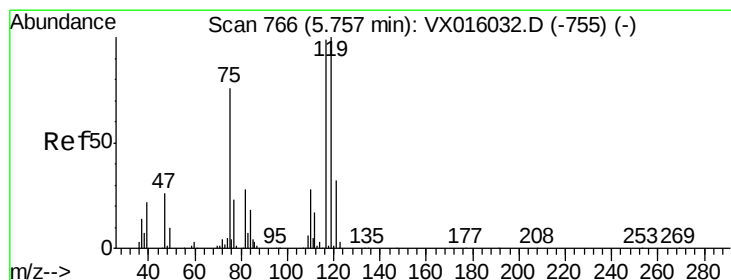
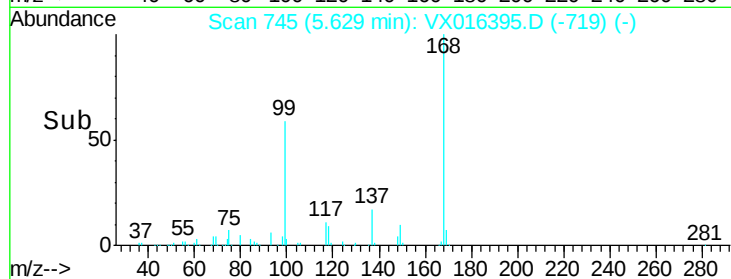
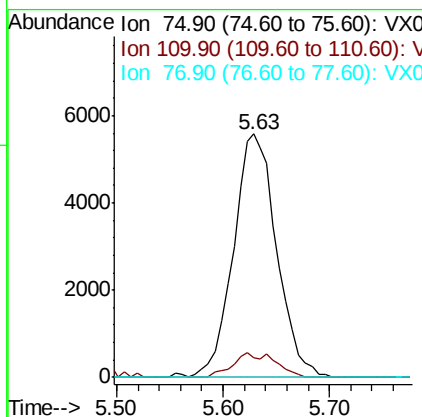
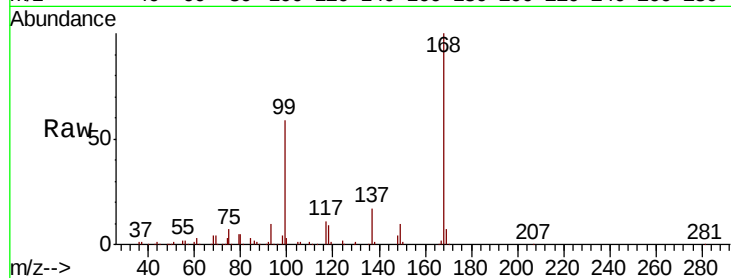




#36
 1,1-Dichloropropene
 Concen: 4.269 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016395.D
 Acq: 21 May 2020 19:35

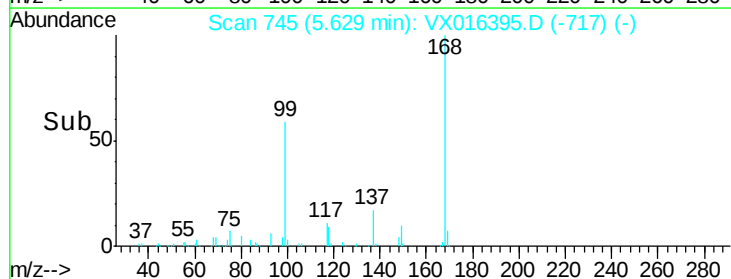
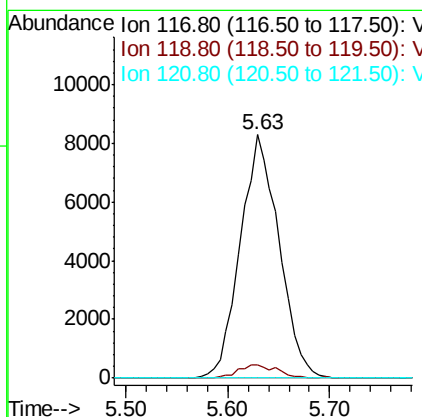
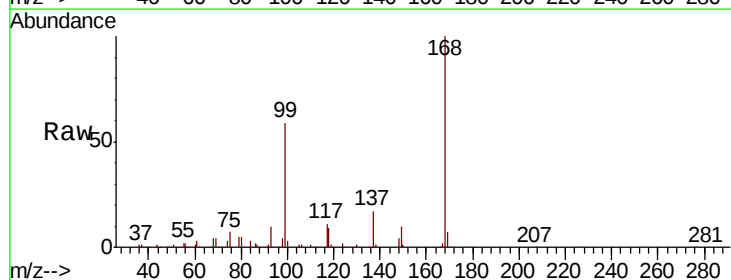
Instrument :
 MSVOA_X
 ClientSampleId :

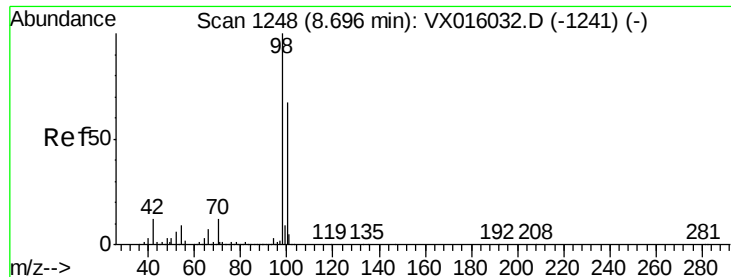
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.810 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016395.D
 Acq: 21 May 2020 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	80.3	120.5#
121	0.0	25.7	38.5#

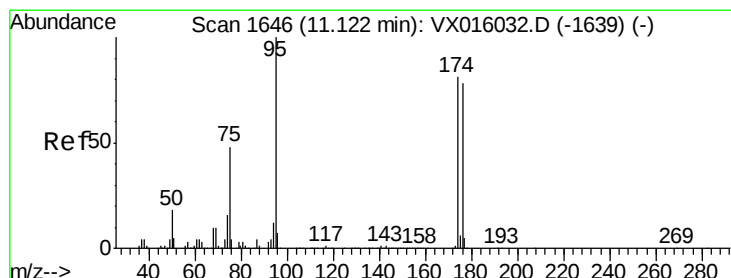
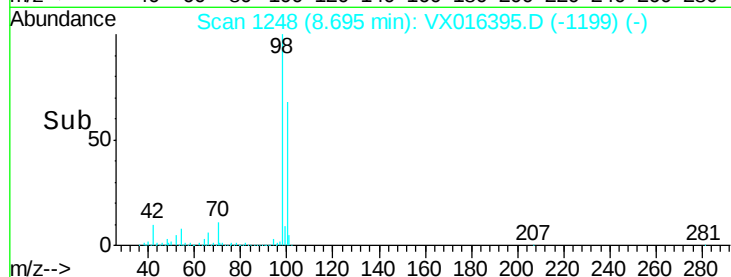
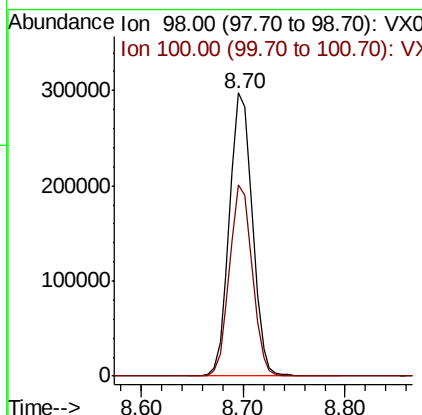
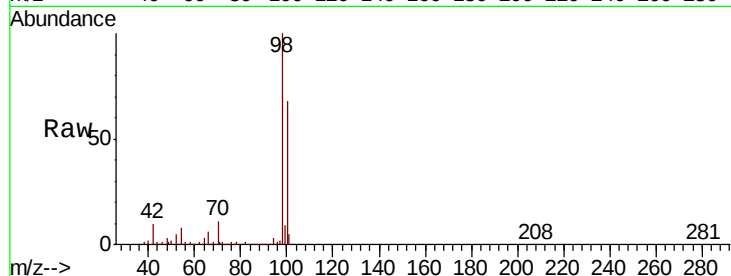




#50
Toluene-d8
Concen: 50.496 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

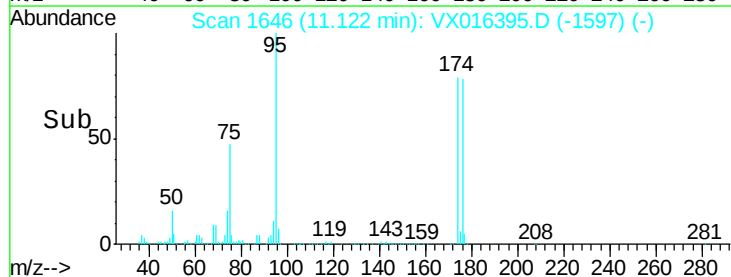
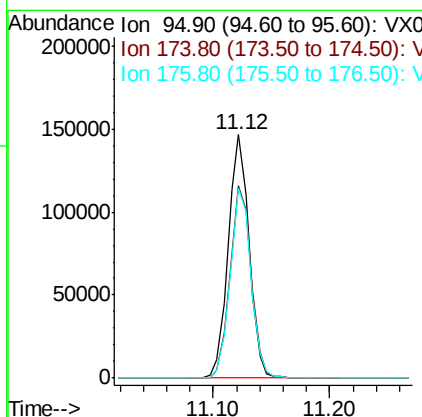
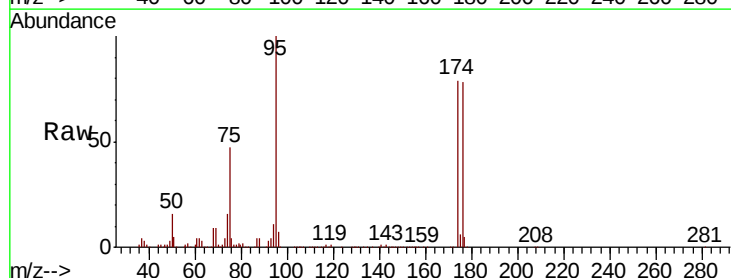
Instrument :
MSVOA_X
ClientSampleId :

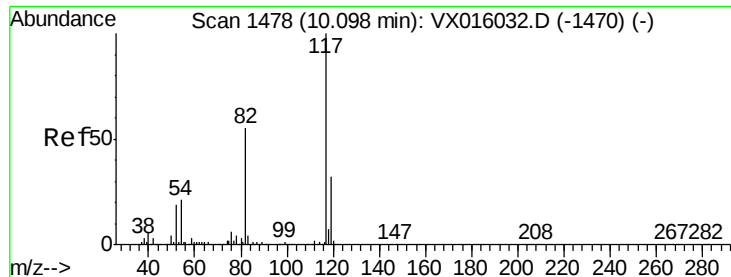
Tot Ion: 98 Resp: 463078
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 52.077 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

Tgt Ion: 95 Resp: 181646
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.4
176 78.4 0.0 157.6

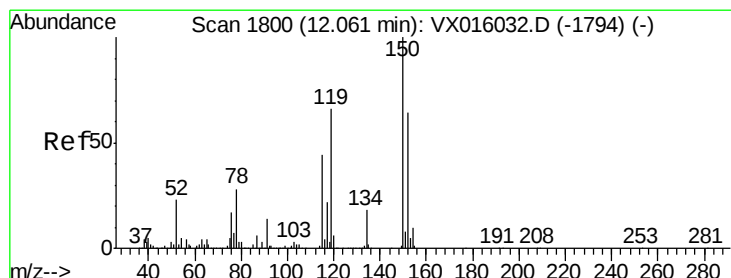
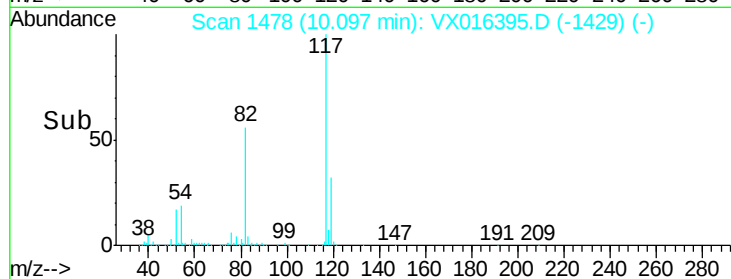
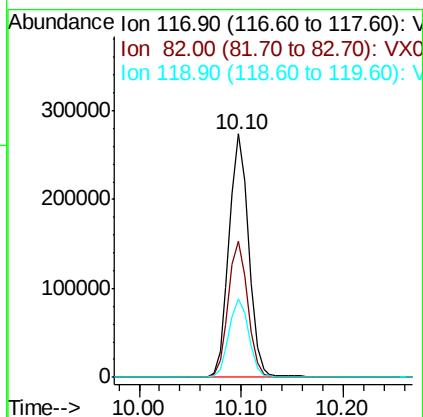
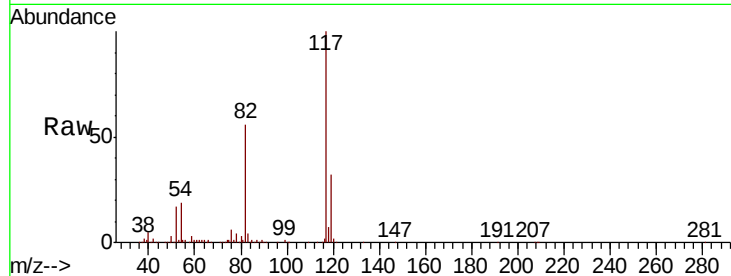




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

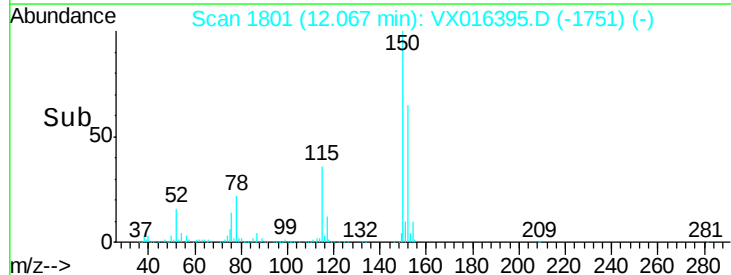
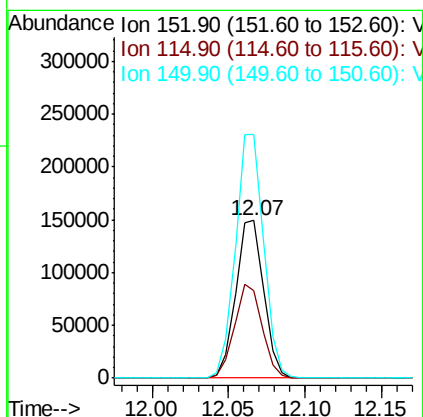
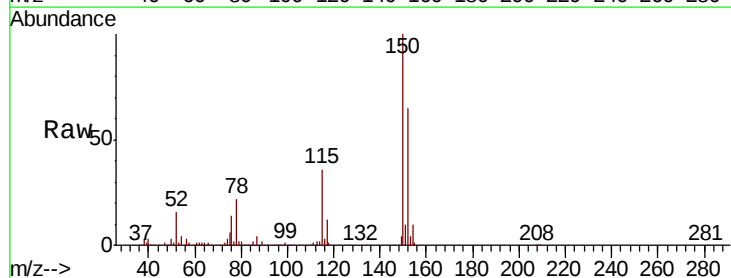
Instrument :
MSVOA_X
ClientSampleId :

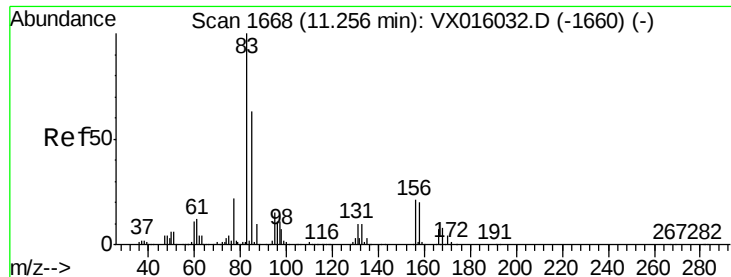
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.4	66.6
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016395.D
Acq: 21 May 2020 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	155.3	0.0	352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.105 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016395.D

Acq: 21 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

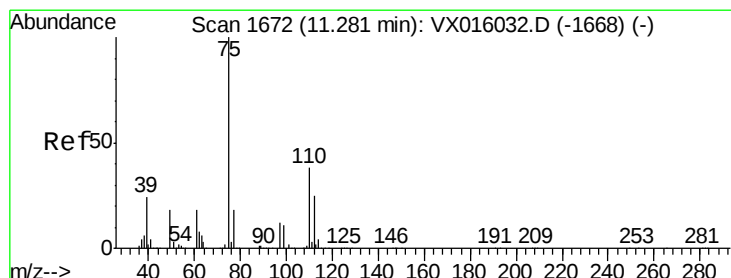
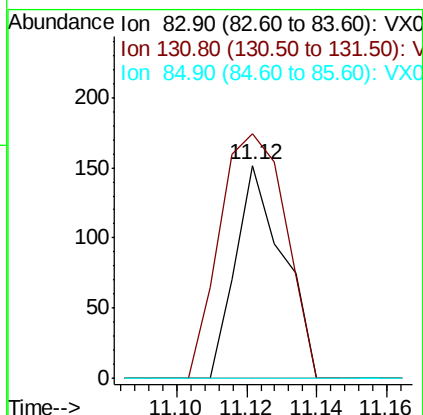
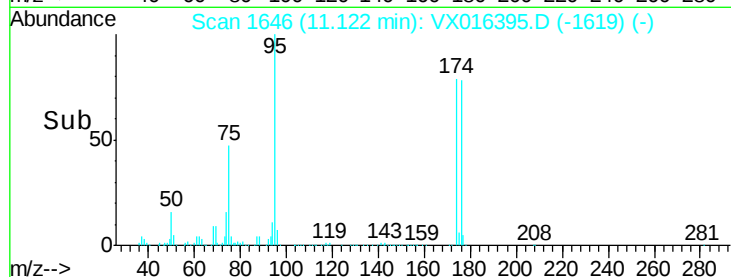
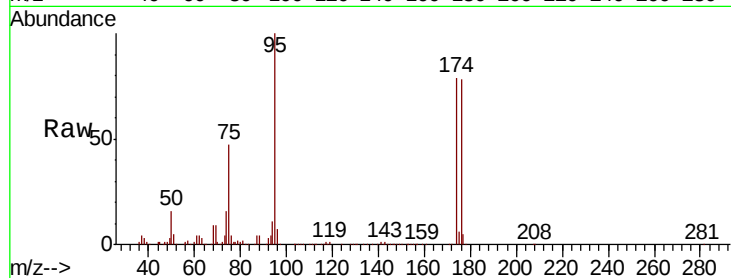
Tot Ion: 83 Resp: 144

Ion Ratio Lower Upper

83 100

131 159.0 5.1 15.4#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 20.200 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016395.D

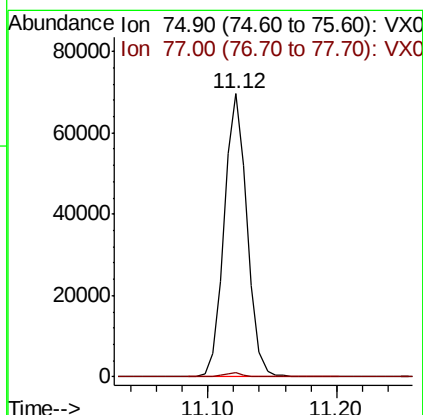
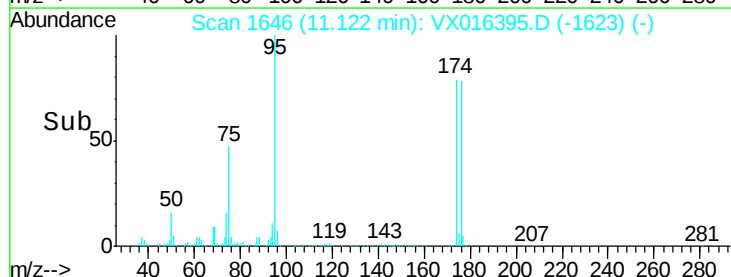
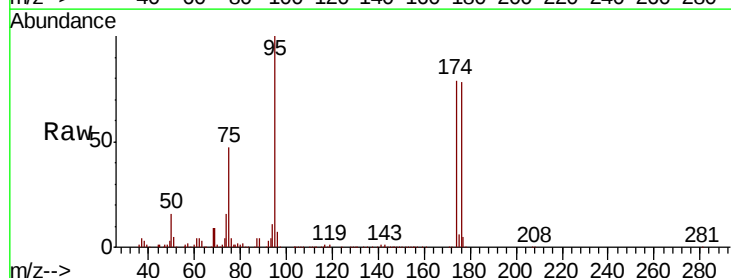
Acq: 21 May 2020 19:35

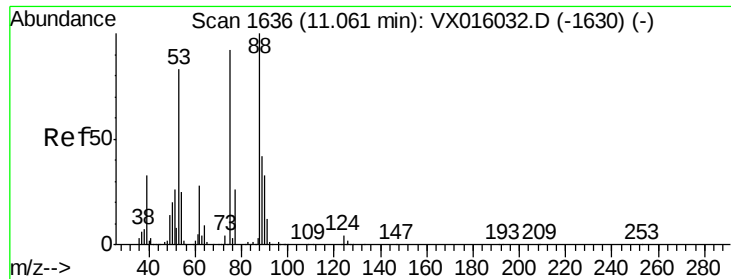
Tgt Ion: 75 Resp: 86863

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.138 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016395.D
 Acq: 21 May 2020 19:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 86863
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 36.7 55.1#

