

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016346.D
 Acq On : 19 May 2020 19:35
 Operator : JC/SP
 Sample : L2648-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-B

Quant Time: May 20 03:50:57 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	261953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	436184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204708	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	151665	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
35) Dibromofluoromethane	5.46	113	125512	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
50) Toluene-d8	8.70	98	524660	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	211444	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	

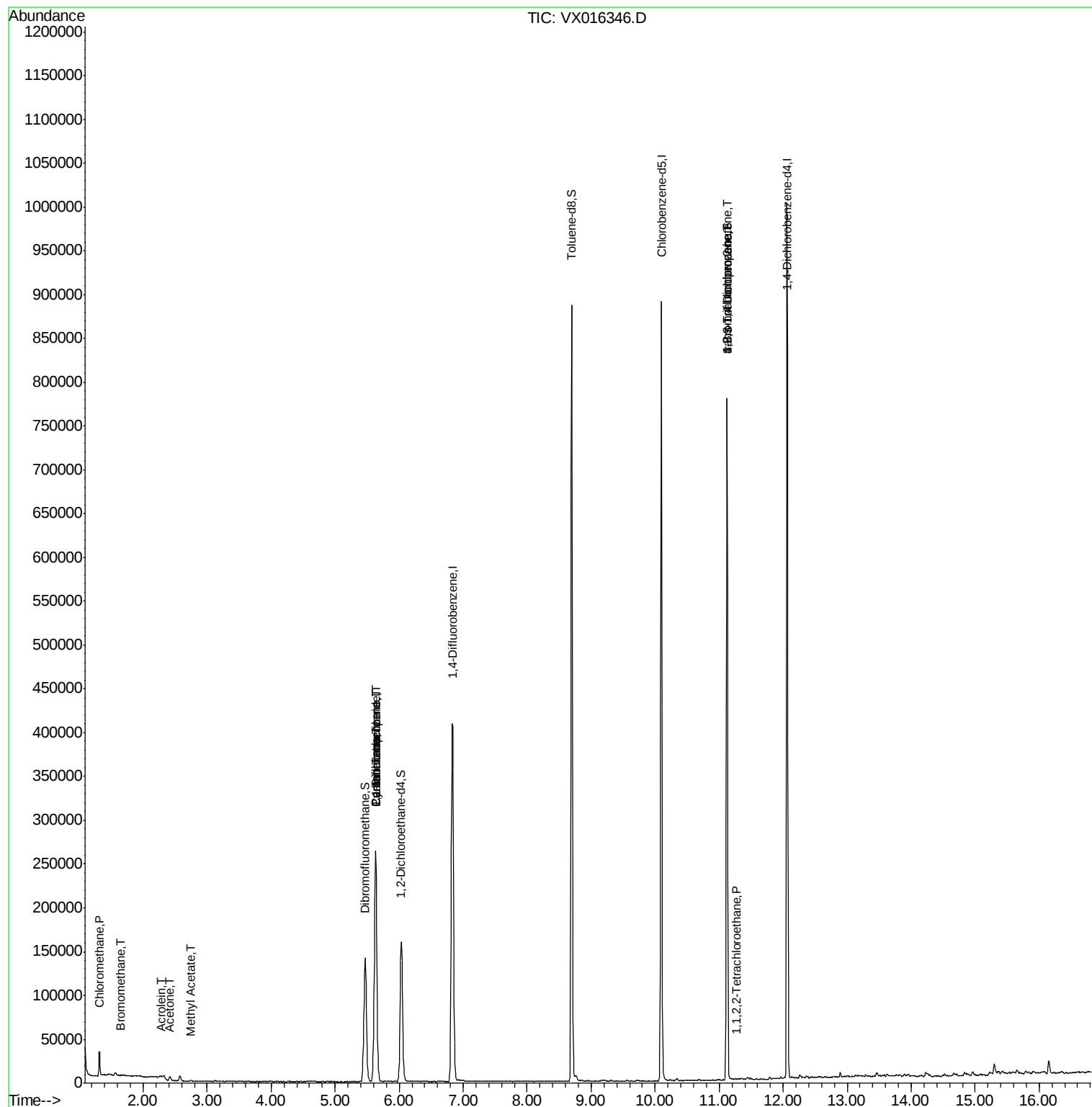
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	17740	5.509	ug/l	97
5) Bromomethane	1.64	94	569	0.329	ug/l	96
13) Acrolein	2.28	56	341	0.625	ug/l #	14
16) Acetone	2.42	43	4205	2.734	ug/l	90
17) Carbon Disulfide	2.55	76	755	Below Cal	#	84
18) Methyl Acetate	2.75	43	1019	0.269	ug/l	90
31) Cyclohexane	5.63	56	4946	1.033	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18585	4.329	ug/l #	48
38) Carbon Tetrachloride	5.64	117	24808	5.684	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.28	83	357	2.178	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	99993	21.526	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	99993	51.297	ug/l #	13

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

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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: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampled :

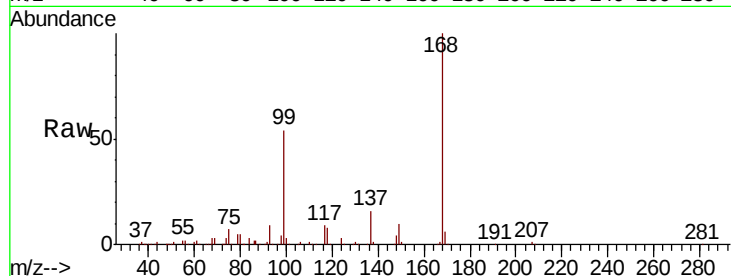
TP-B

Tot Ion:168 Resp: 261953

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

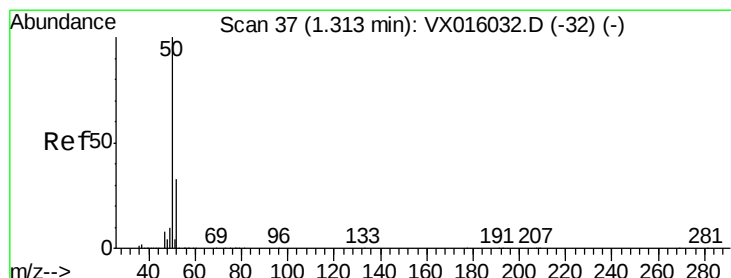
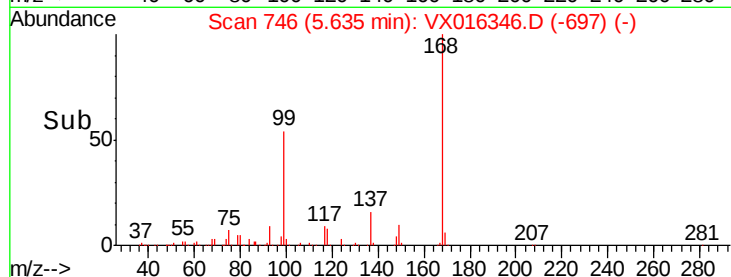
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 5.509 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016346.D

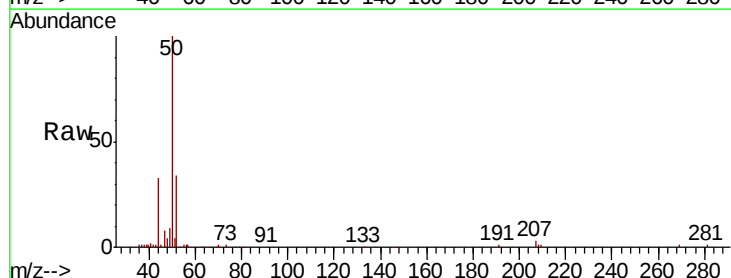
Acq: 19 May 2020 19:35

Tgt Ion: 50 Resp: 17740

Ion Ratio Lower Upper

50 100

52 34.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

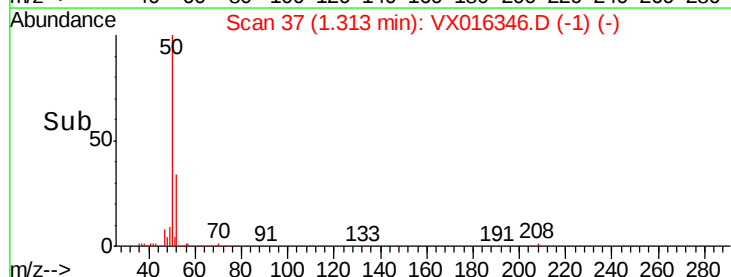
15000

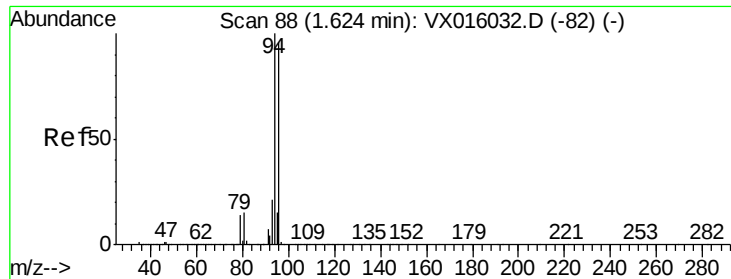
10000

5000

0

Time-->





#5

Bromomethane

Concen: 0.329 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

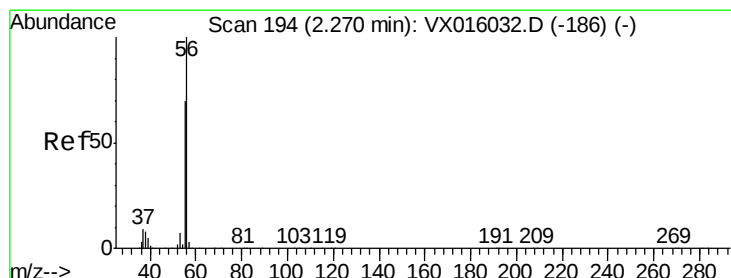
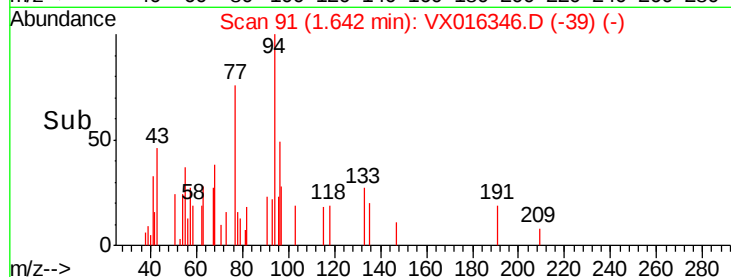
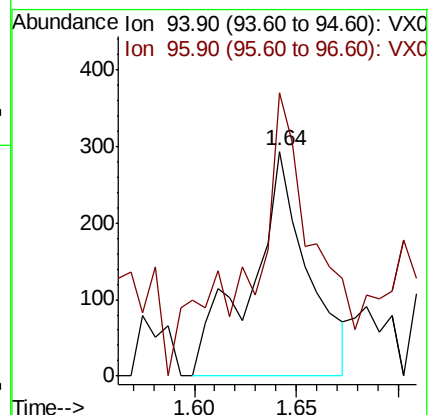
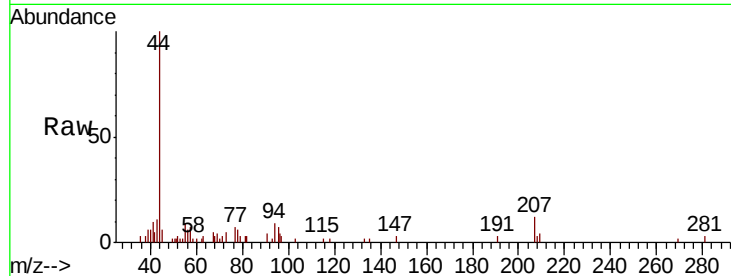
TP-B

Tot Ion: 94 Resp: 569

Ion Ratio Lower Upper

94 100

96 92.2 76.9 115.3



#13

Acrolein

Concen: 0.625 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016346.D

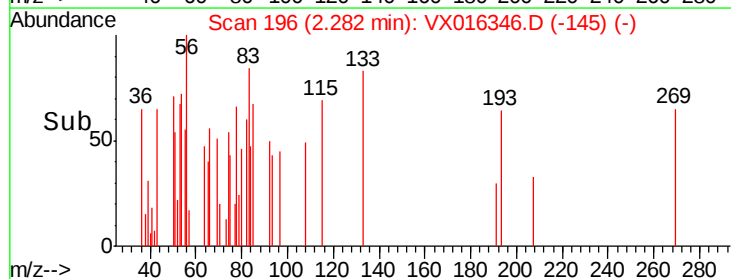
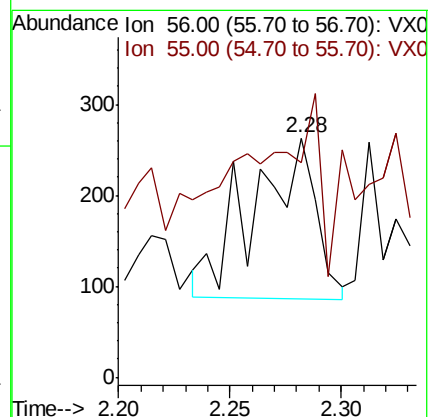
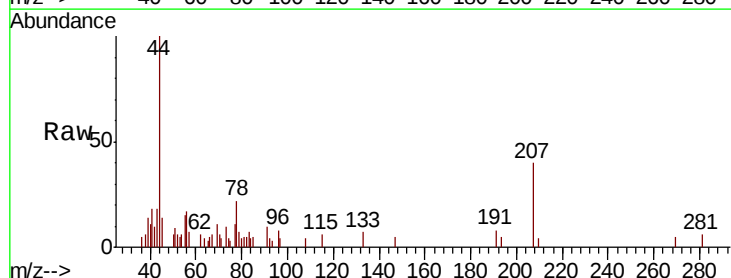
Acq: 19 May 2020 19:35

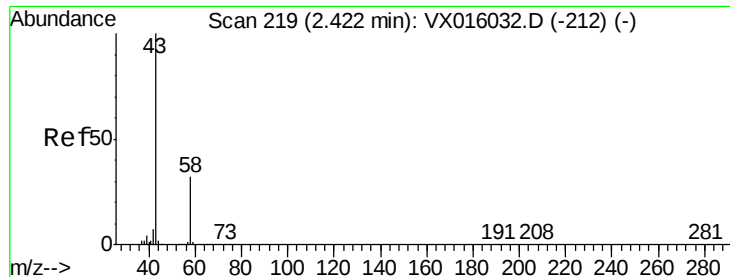
Tgt Ion: 56 Resp: 341

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#





#16

Acetone

Concen: 2.734 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampled :

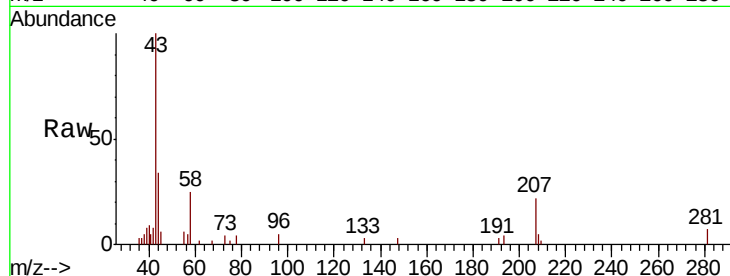
TP-B

Tot Ion: 43 Resp: 4205

Ion Ratio Lower Upper

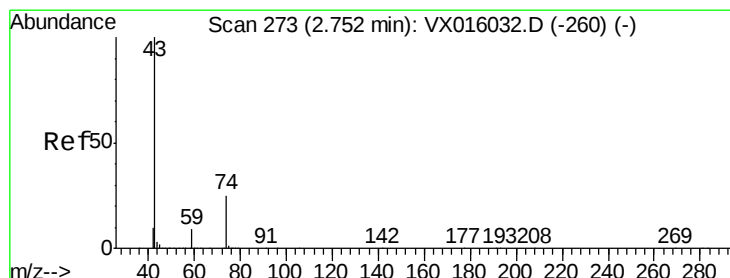
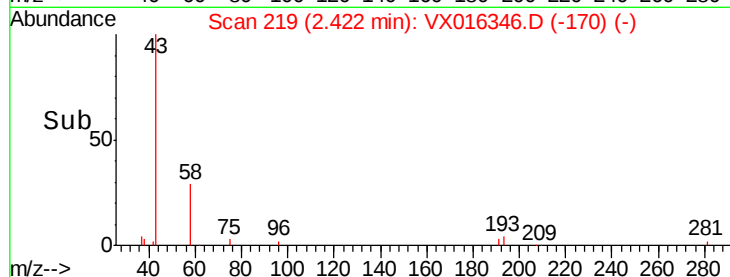
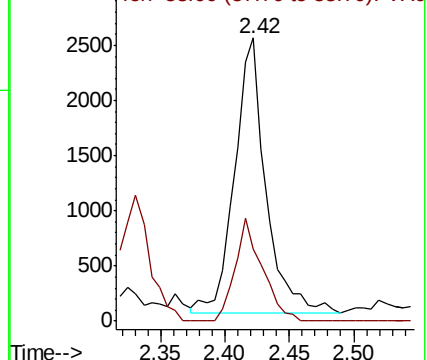
43 100

58 26.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.269 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016346.D

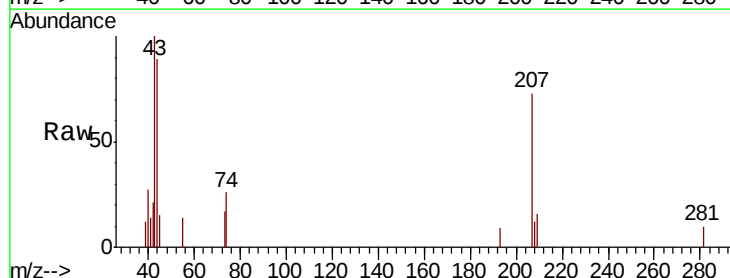
Acq: 19 May 2020 19:35

Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

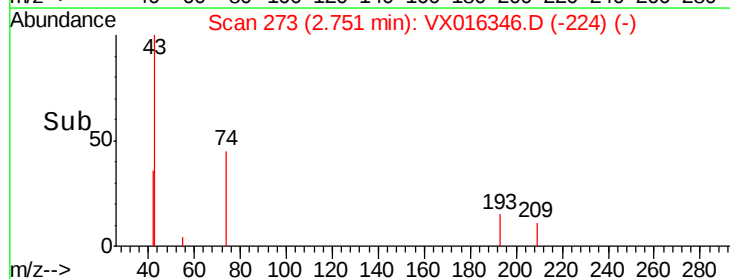
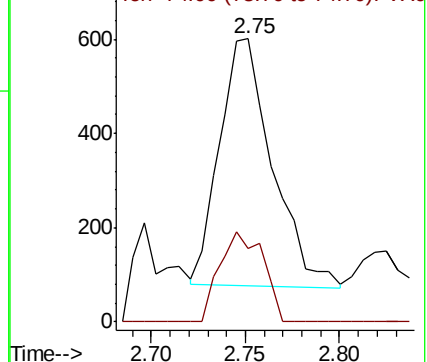
43 100

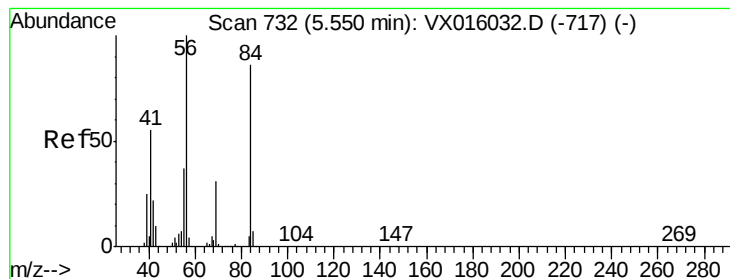
74 30.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#31

Cyclohexane

Concen: 1.033 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampled :

TP-B

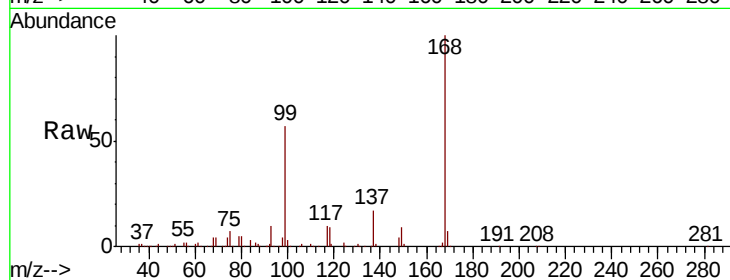
Tot Ion: 56 Resp: 4946

Ion Ratio Lower Upper

56 100

69 197.9 25.0 37.6#

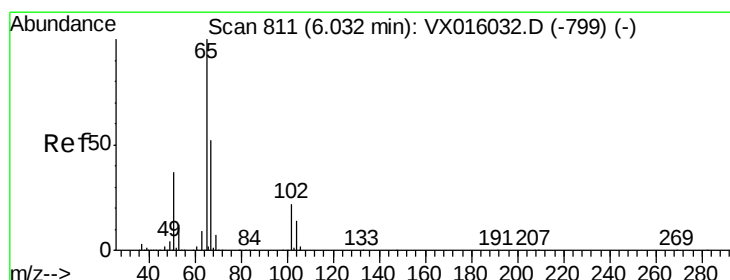
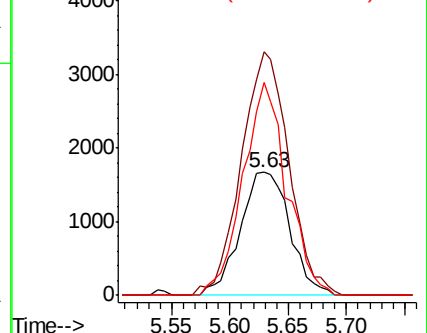
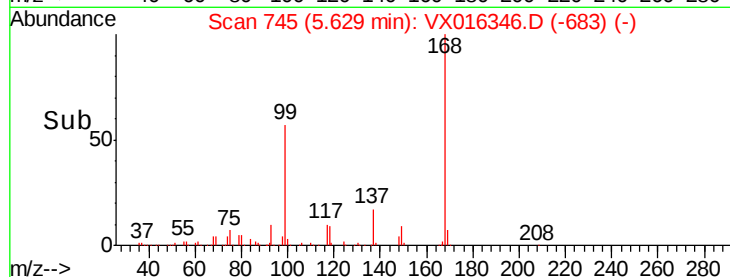
84 172.6 69.0 103.6#



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: 43.999 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016346.D

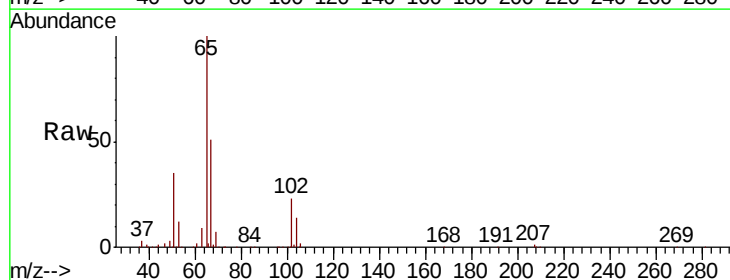
Acq: 19 May 2020 19:35

Tgt Ion: 65 Resp: 151665

Ion Ratio Lower Upper

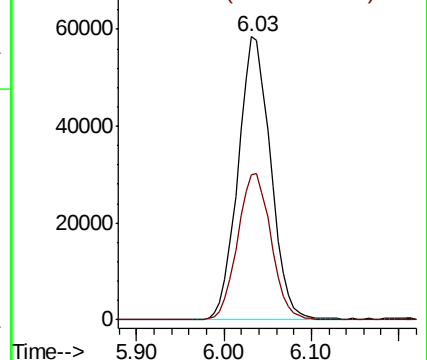
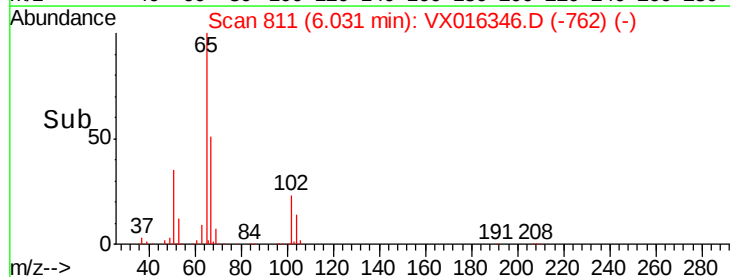
65 100

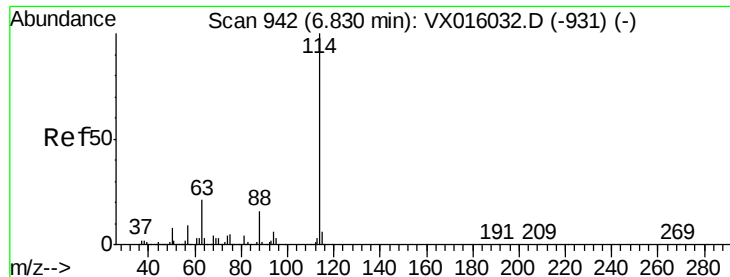
67 53.0 0.0 104.8



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: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

TP-B

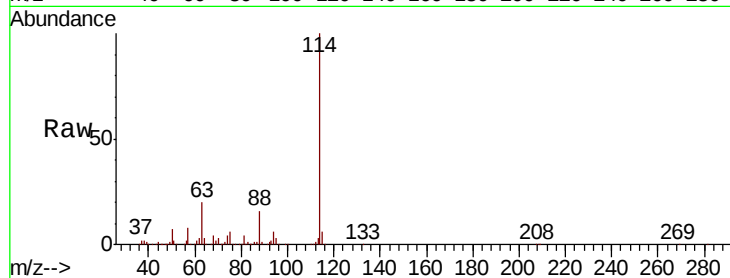
Tot Ion:114 Resp: 436184

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

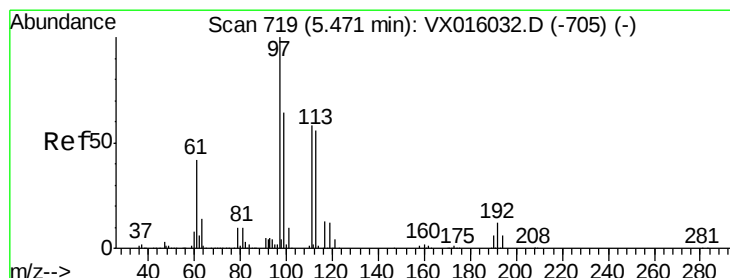
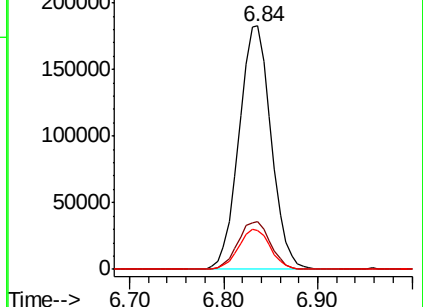
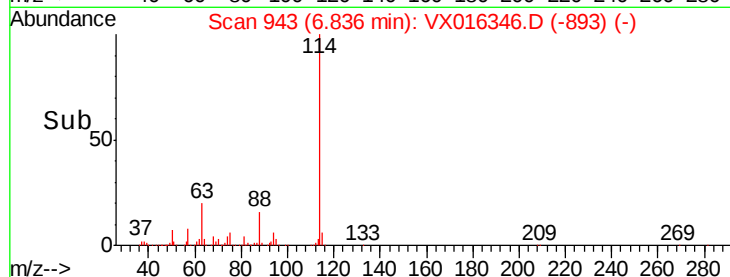
88 15.8 0.0 31.4



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: 45.419 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

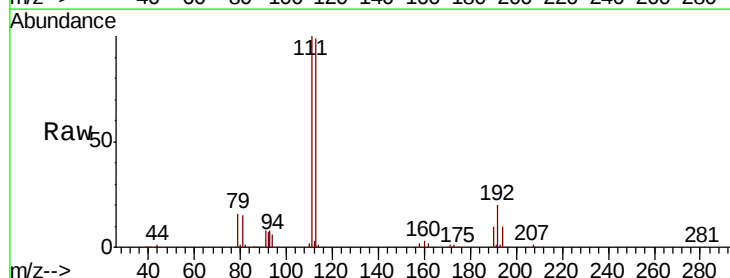
Tgt Ion:113 Resp: 125512

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

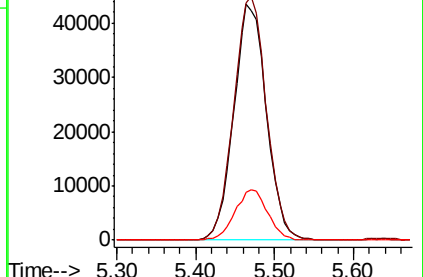
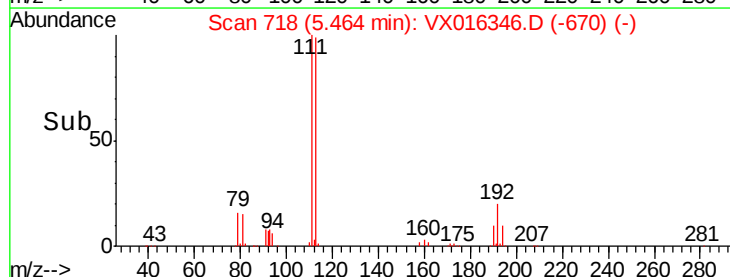
192 21.3 17.0 25.4

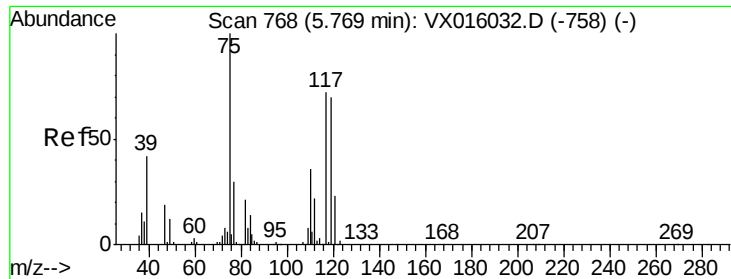


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.329 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

TP-B

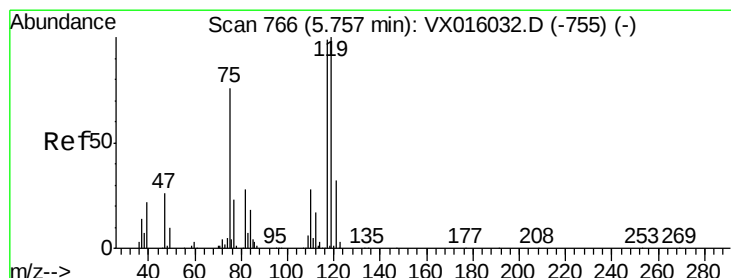
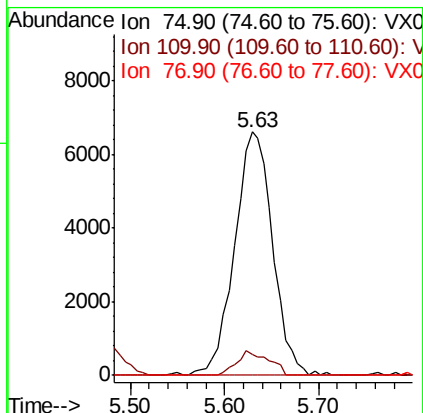
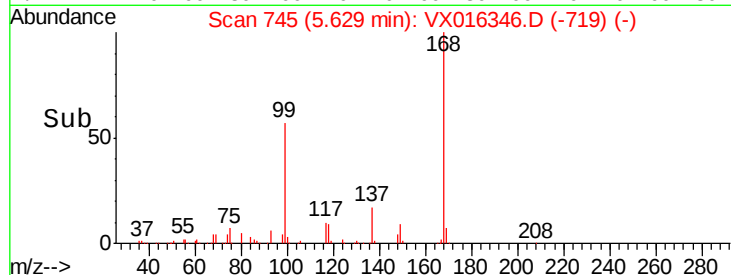
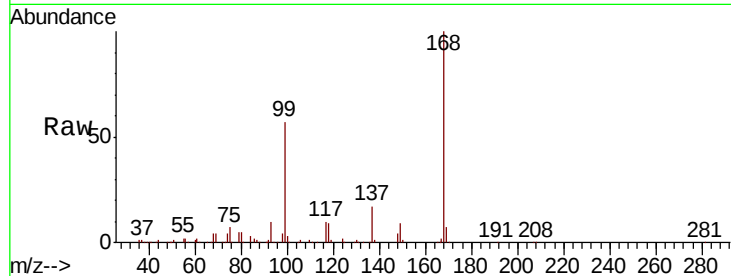
Tot Ion: 75 Resp: 18585

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.684 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

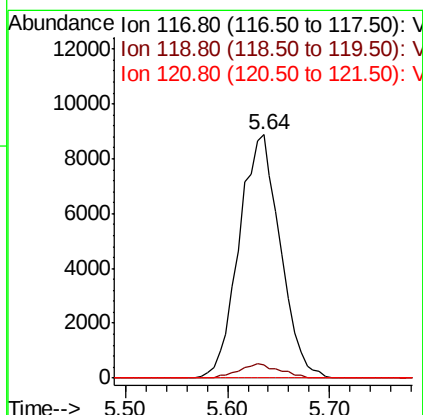
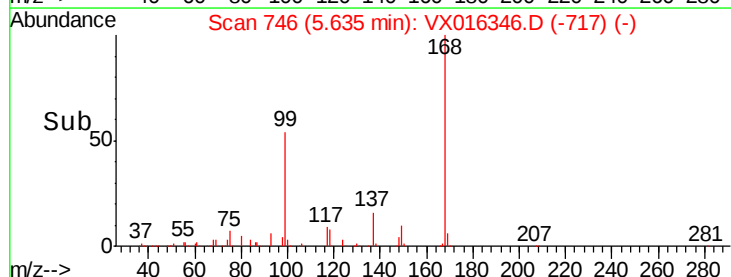
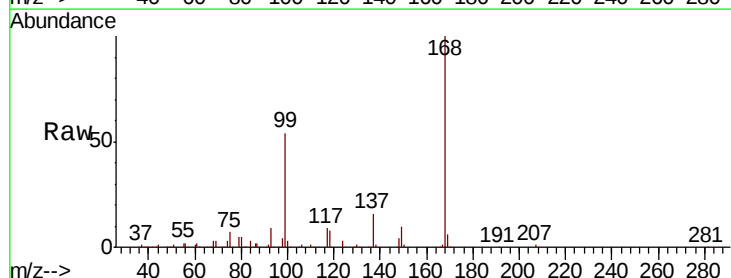
Tgt Ion: 117 Resp: 24808

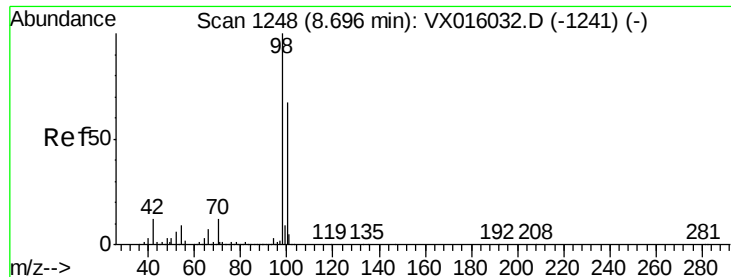
Ion Ratio Lower Upper

117 100

119 5.3 80.3 120.5#

121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 49.275 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

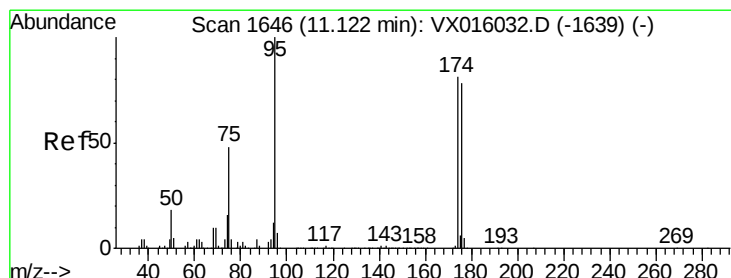
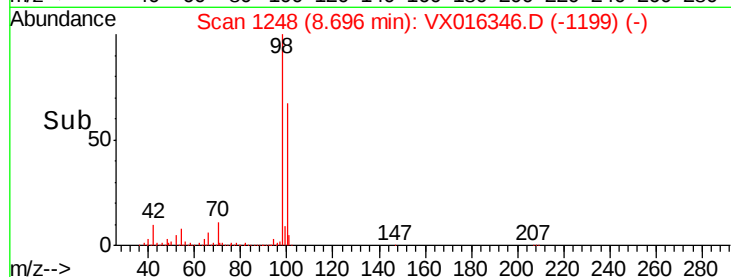
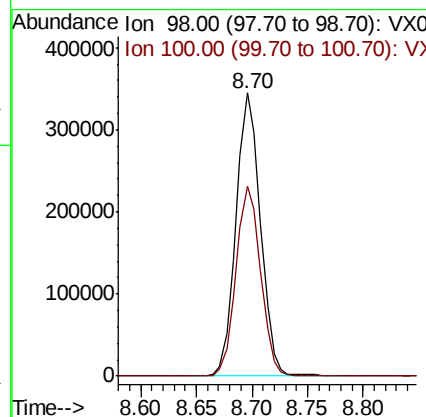
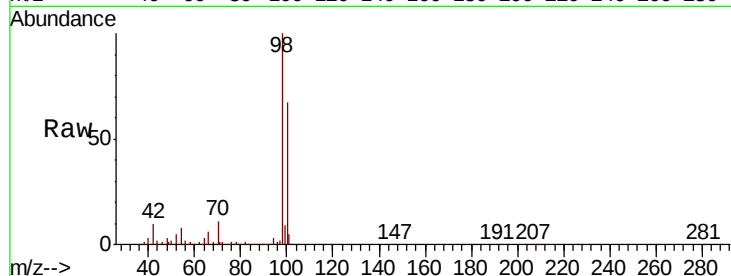
TP-B

Tot Ion: 98 Resp: 524660

Ion Ratio Lower Upper

98 100

100 67.6 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 52.210 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

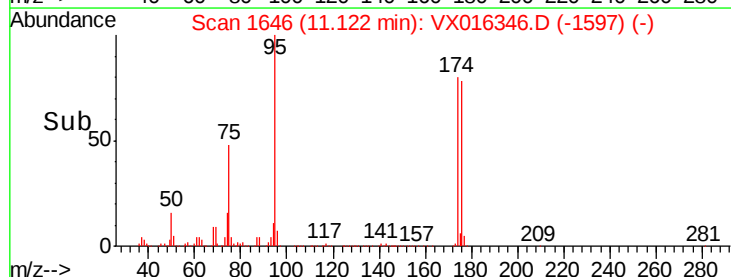
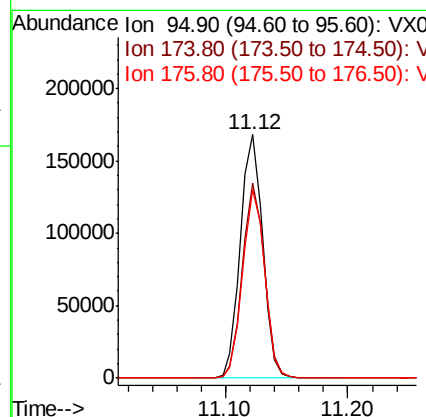
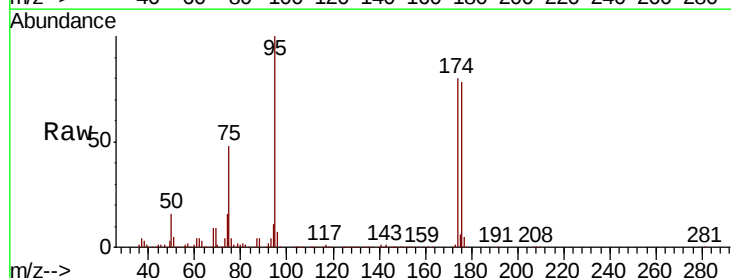
Tgt Ion: 95 Resp: 211444

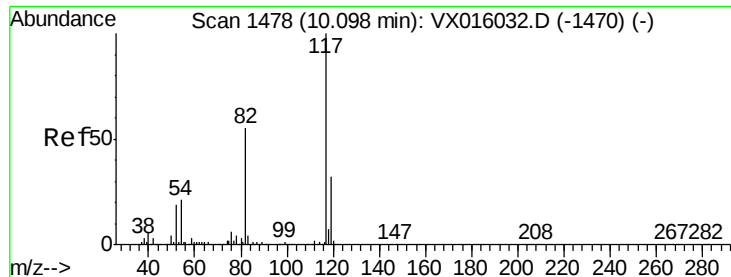
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.4

176 76.6 0.0 157.6

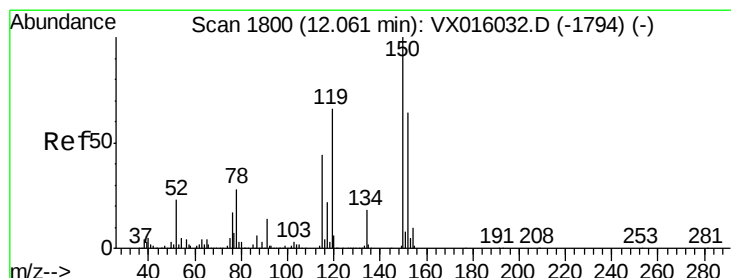
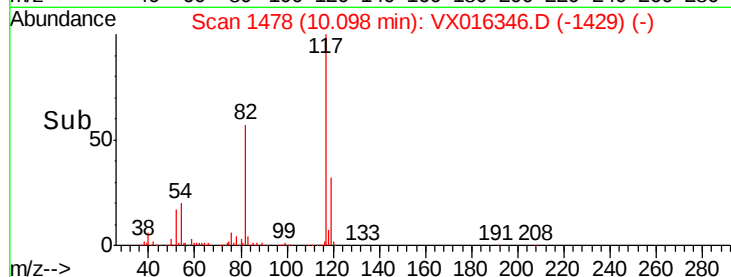
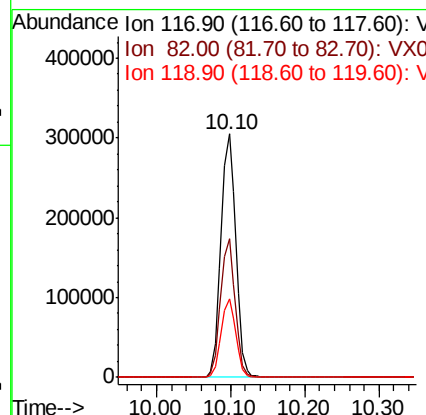
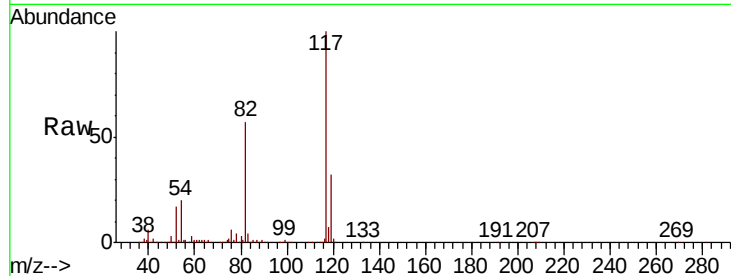




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016346.D
Acq: 19 May 2020 19:35

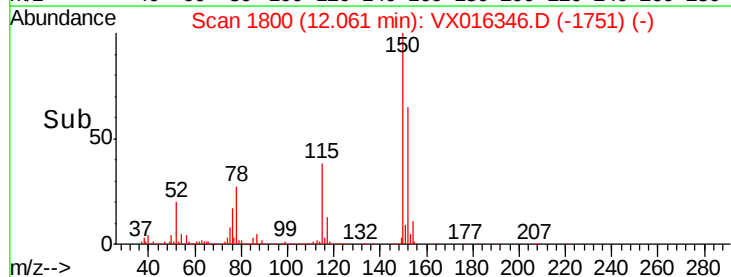
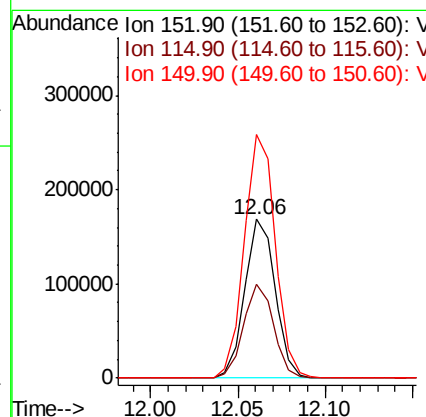
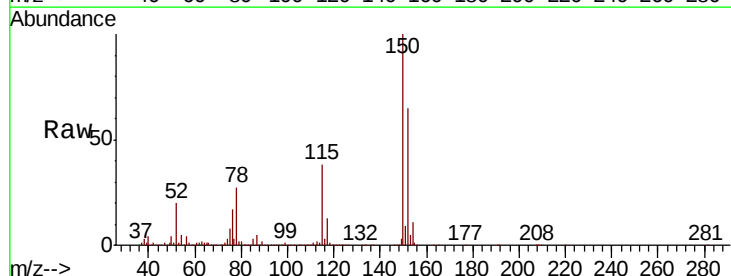
Instrument :
MSVOA_X
ClientSampleId :
TP-B

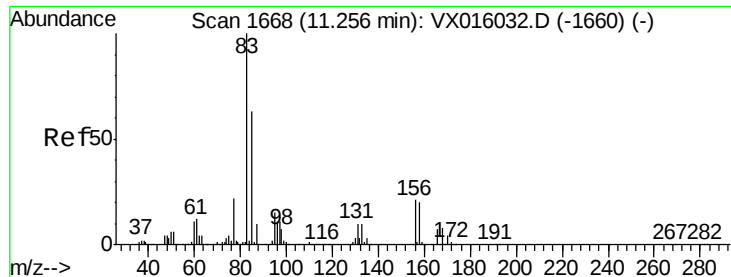
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.4	66.6
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016346.D
Acq: 19 May 2020 19:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.3	124.1
150	155.1	0.0	352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.178 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.02 min

Lab File: VX016346.D

Acq: 19 May 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

TP-B

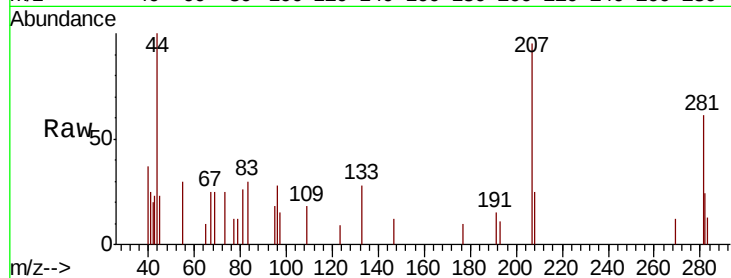
Tot Ion: 83 Resp: 357

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

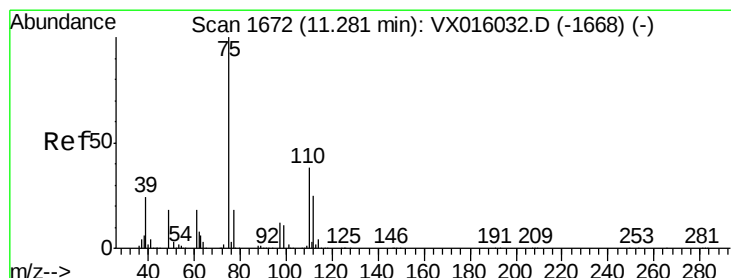
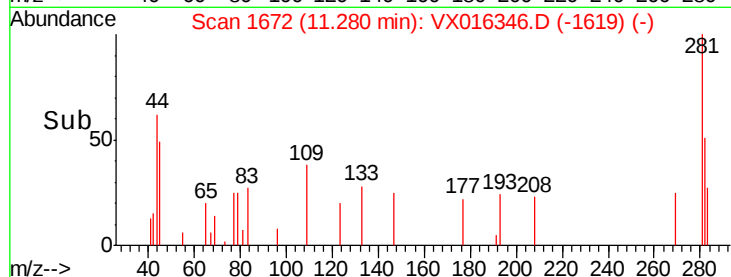
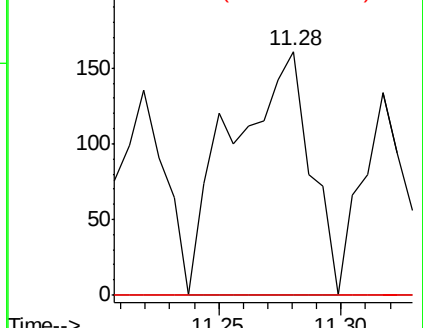
85 0.0 32.0 96.0#



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: 21.526 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016346.D

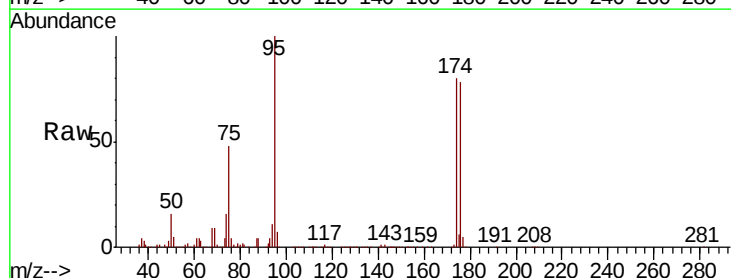
Acq: 19 May 2020 19:35

Tgt Ion: 75 Resp: 99993

Ion Ratio Lower Upper

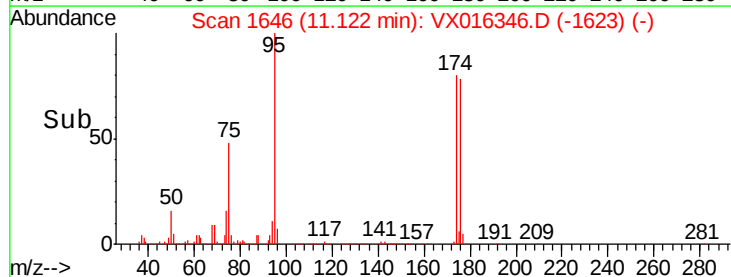
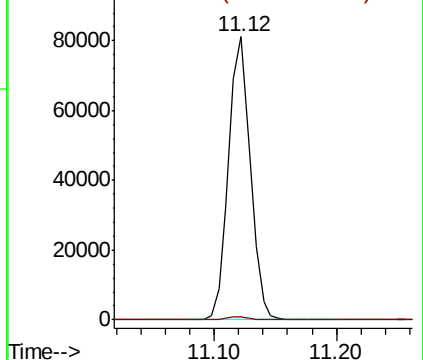
75 100

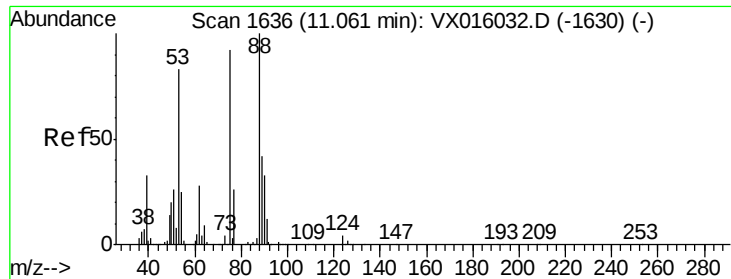
77 1.6 21.2 63.6#



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: 51.297 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016346.D
 Acq: 19 May 2020 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-B

Tot Ion: 75 Resp: 99993
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.1 109.7#
 89 0.0 36.7 55.1#

