

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016104.D
 Acq On : 07 May 2020 19:06
 Operator : JC/SP
 Sample : L2532-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB1-200506

Quant Time: May 08 02:06:29 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	277463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	462996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	173791	47.60	ug/l	0.00
Spiked Amount						
			Recovery	=	95.20%	
35) Dibromofluoromethane	5.47	113	136149	46.42	ug/l	0.00
Spiked Amount						
			Recovery	=	92.84%	
50) Toluene-d8	8.70	98	572557	50.66	ug/l	0.00
Spiked Amount						
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	234728	54.60	ug/l	0.00
Spiked Amount						
			Recovery	=	109.20%	

Target Compounds

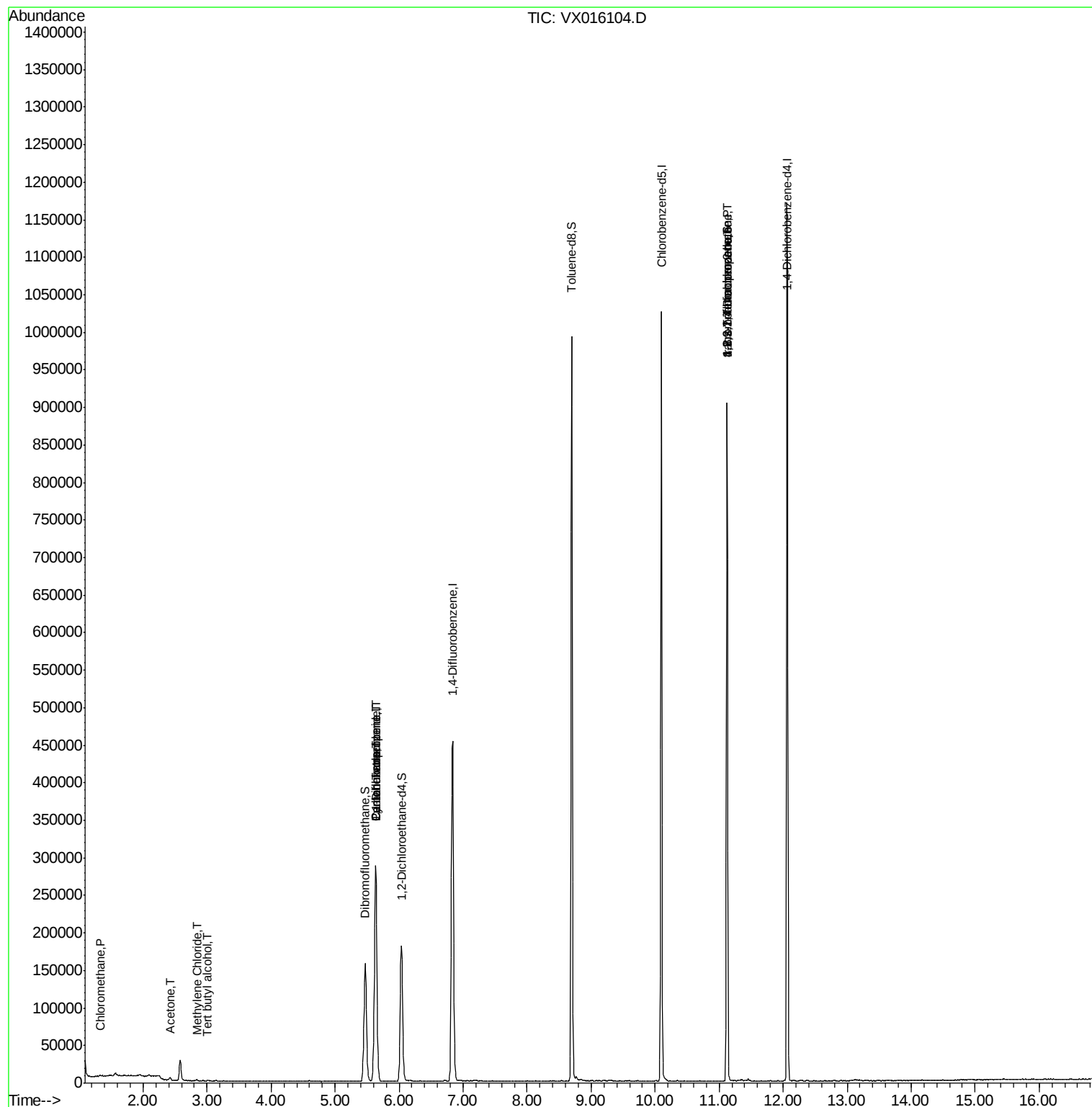
					Qvalue	
3) Chloromethane	1.32	50	898	0.263	ug/l	100
11) Tert butyl alcohol	3.01	59	835	0.904	ug/l #	94
16) Acetone	2.42	43	3828	2.350	ug/l	95
17) Carbon Disulfide	2.56	76	1196	Below Cal	#	81
20) Methylene Chloride	2.84	84	880	0.262	ug/l	93
31) Cyclohexane	5.64	56	5597	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	20606	4.521	ug/l #	50
38) Carbon Tetrachloride	5.64	117	27179	5.867	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.12	83	168	2.100	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	117592	21.433	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	117592	51.076	ug/l #	13

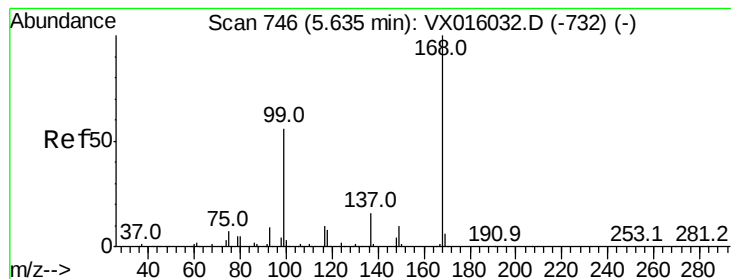
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 02:06:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

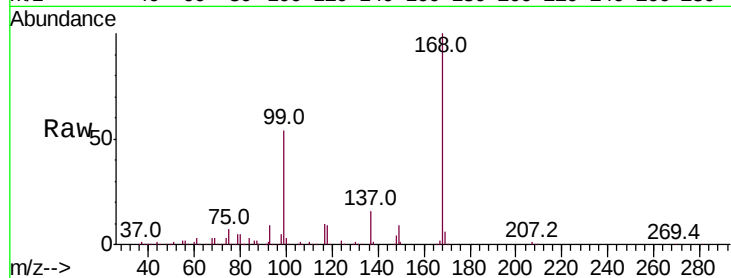
Z4-TB1-200506

Tot Ion:168 Resp: 277463

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

5.64

100000

80000

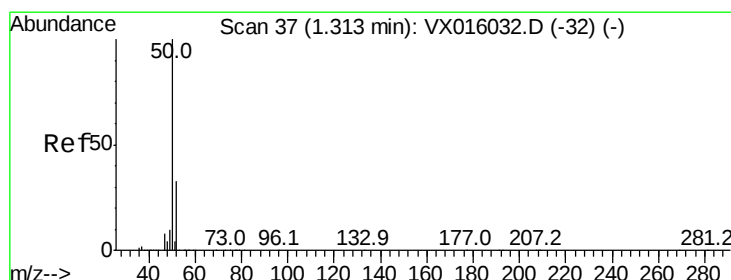
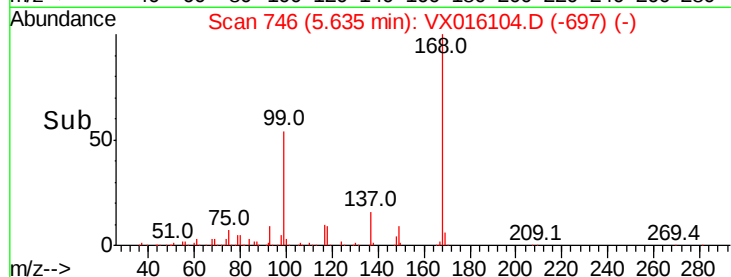
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.263 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016104.D

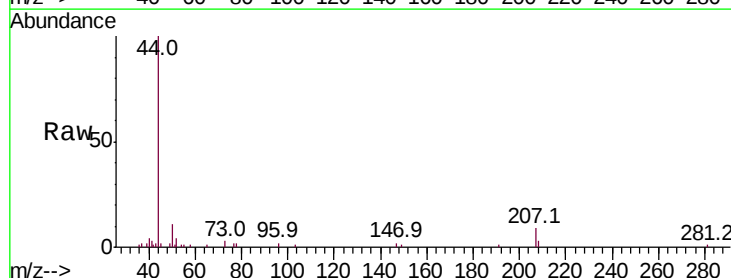
Acq: 07 May 2020 19:06

Tgt Ion: 50 Resp: 898

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

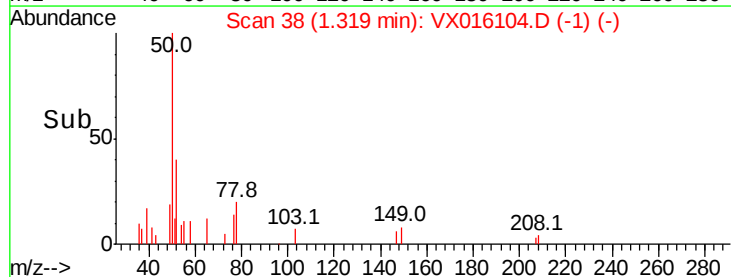
600

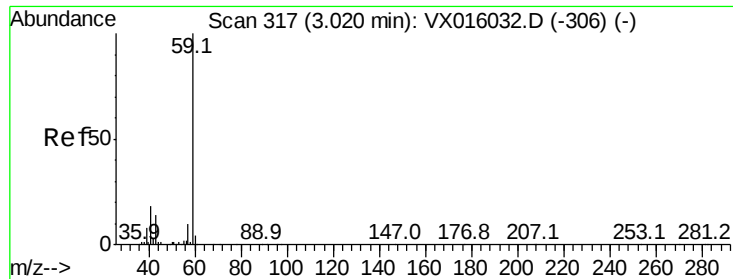
400

200

0

Time-->

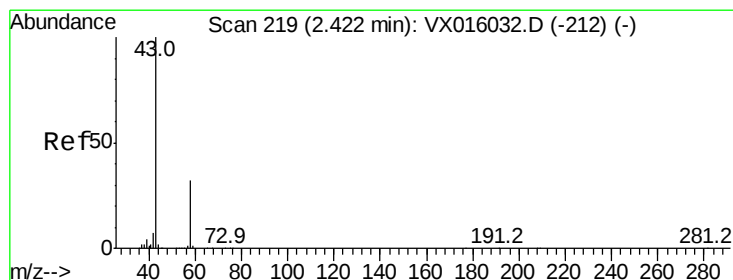
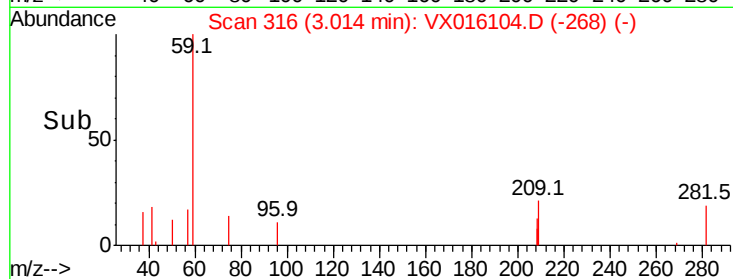
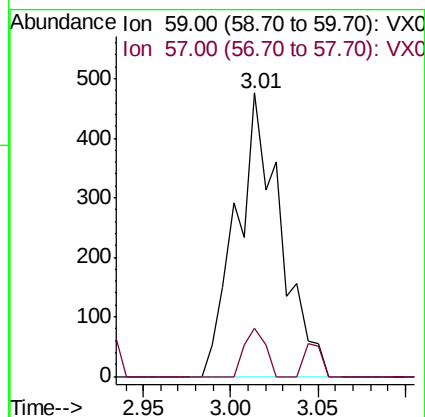
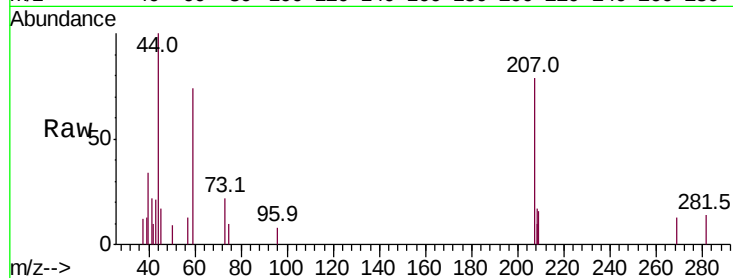




#11
Tert butyl alcohol
Concen: 0.904 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

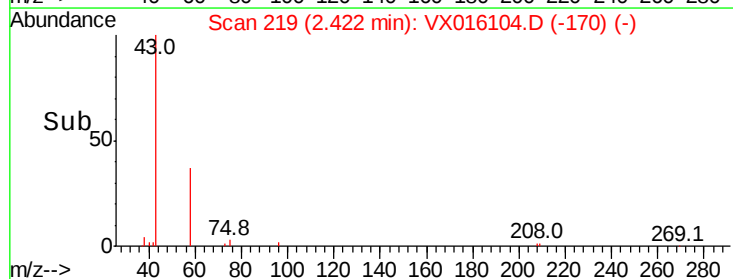
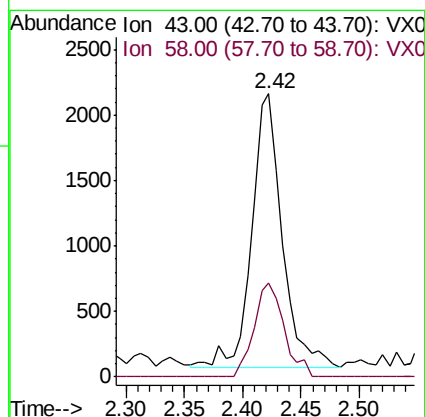
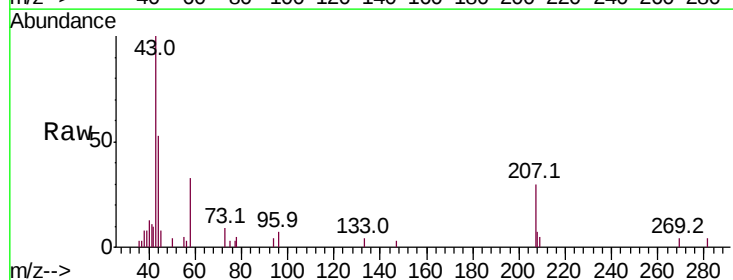
Instrument :
MSVOA_X
ClientSampleId :
Z4-TB1-200506

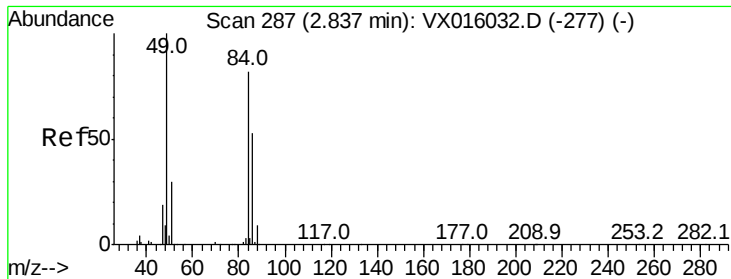
Tot Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.4#



#16
Acetone
Concen: 2.350 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 34.4 25.4 38.0

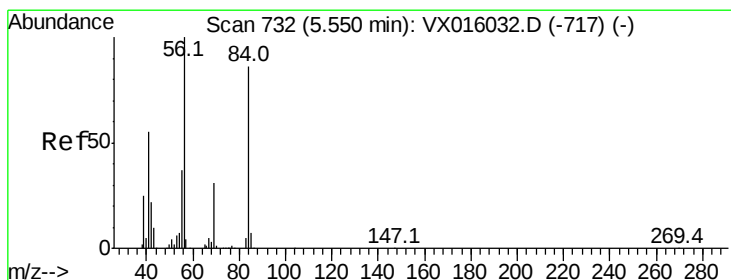
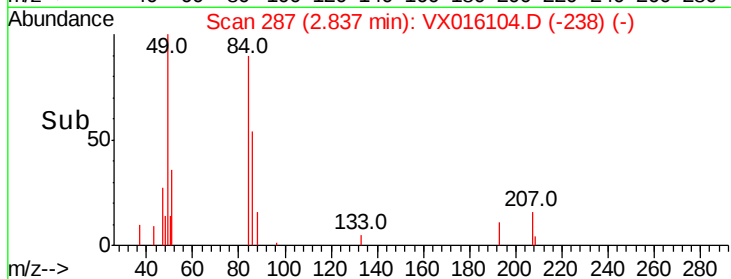
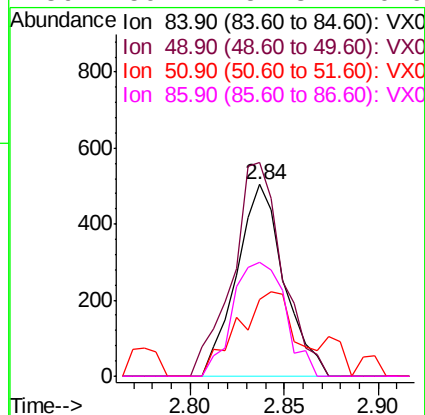
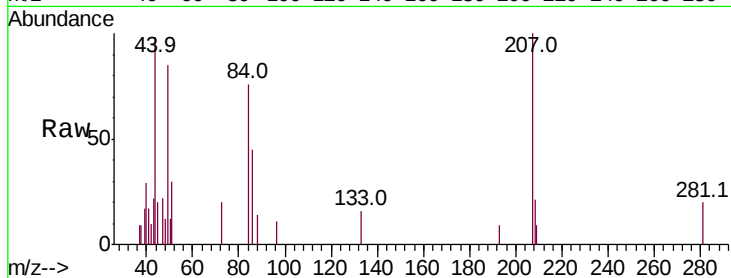




#20
Methvlene Chloride
Concen: 0.262 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

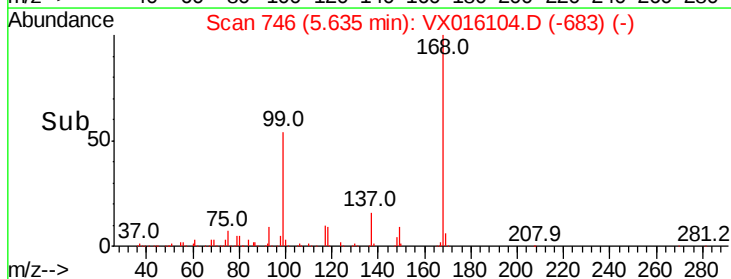
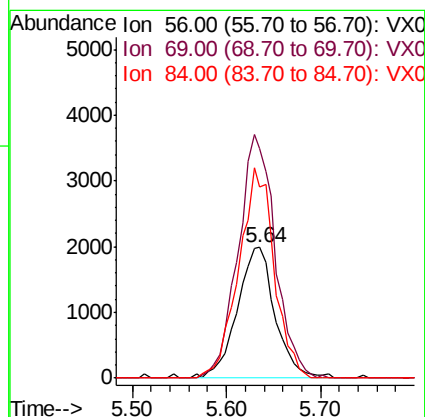
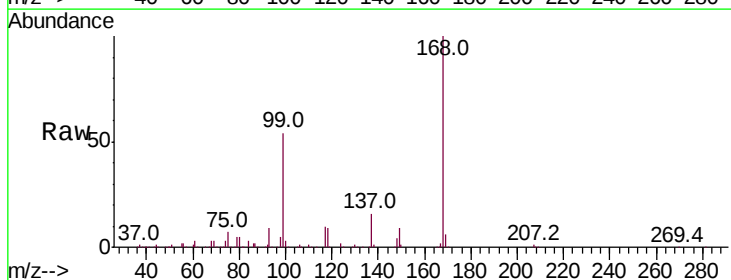
Instrument :
MSVOA_X
ClientSampleId :
Z4-TB1-200506

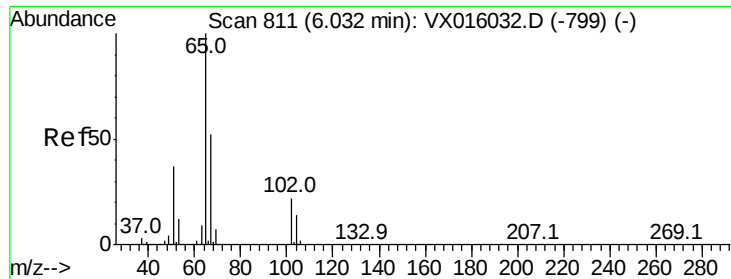
Tot Ion:	84	Resp:	880
Ion	Ratio	Lower	Upper
84	100		
49	111.5	97.3	145.9
51	39.9	29.3	43.9
86	59.7	51.3	76.9



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016104.D
Acq: 07 May 2020 19:06

Tgt Ion:	56	Resp:	5597
Ion	Ratio	Lower	Upper
56	100		
69	175.8	25.0	37.6#
84	146.2	69.0	103.6#





#33

1,2-Dichloroethane-d4

Concen: 47.599 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

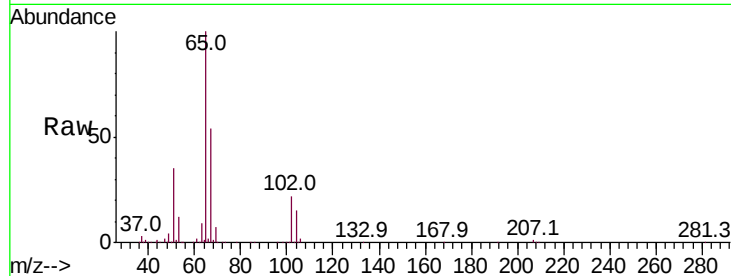
Z4-TB1-200506

Tot Ion: 65 Resp: 173791

Ion Ratio Lower Upper

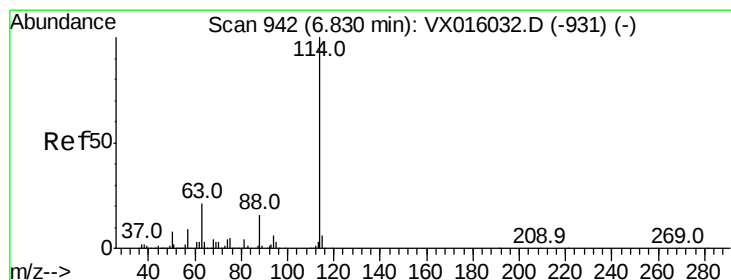
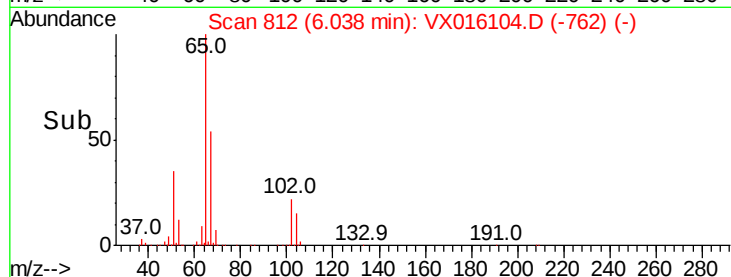
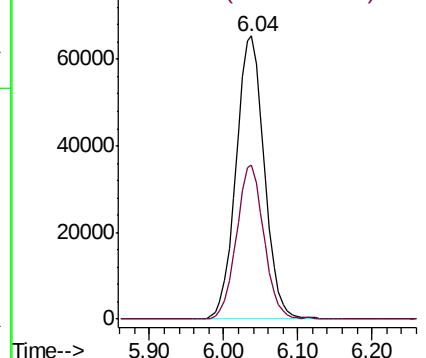
65 100

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: VX016104.D

Acq: 07 May 2020 19:06

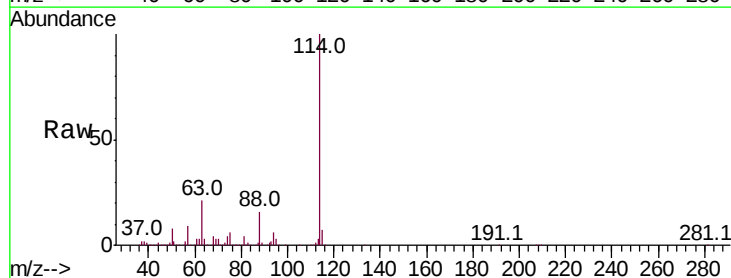
Tgt Ion: 114 Resp: 462996

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

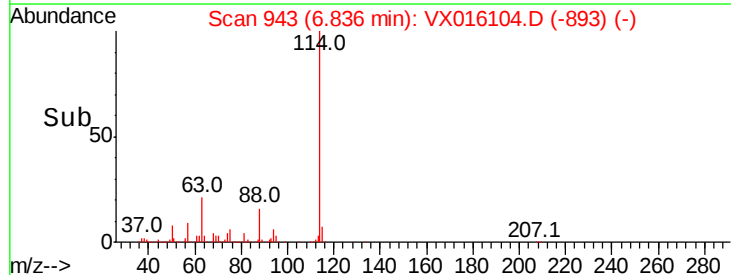
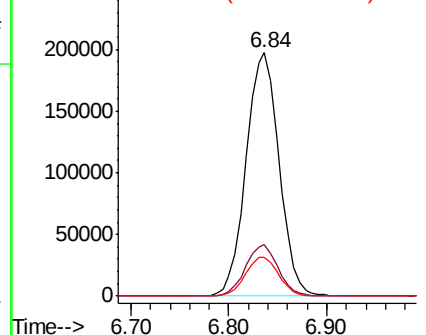
88 15.8 0.0 31.4

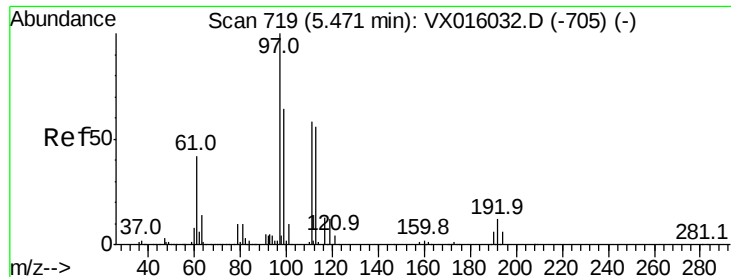


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.415 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB1-200506

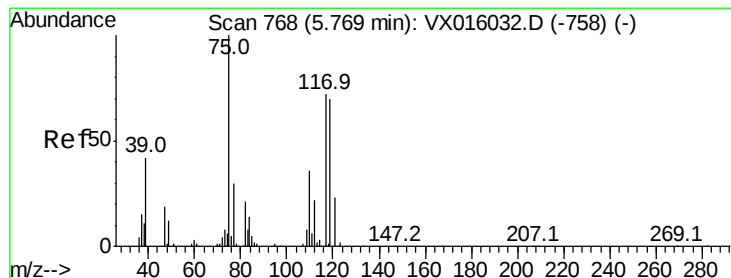
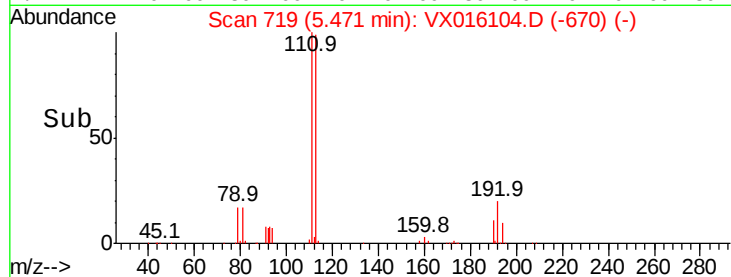
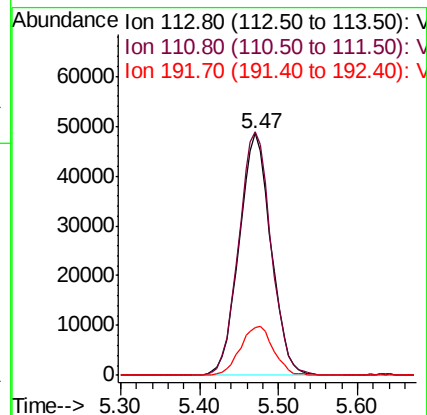
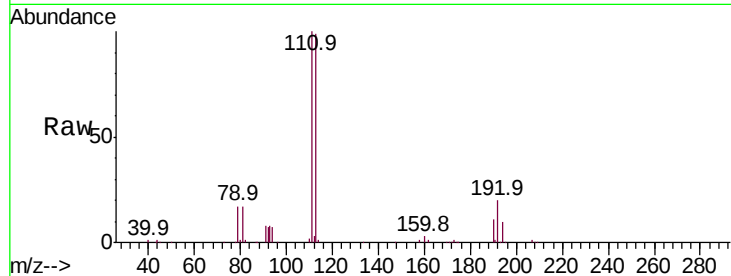
Tot Ion:113 Resp: 136149

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

192 21.0 17.0 25.4



#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

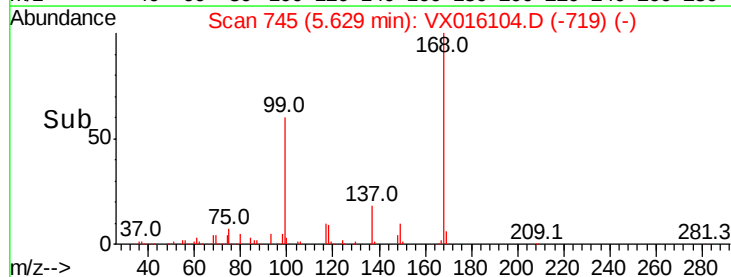
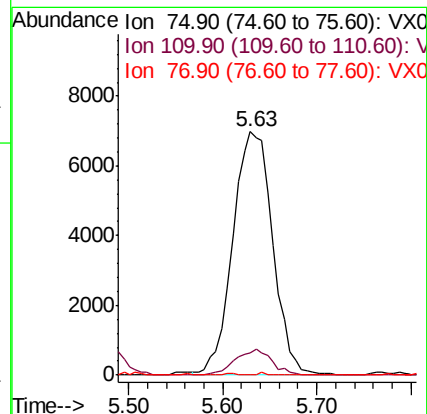
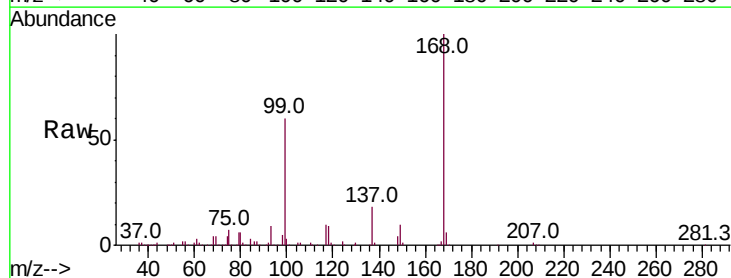
Tgt Ion: 75 Resp: 20606

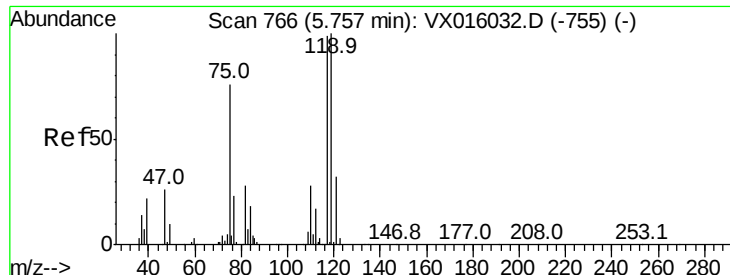
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.1#

77 0.1 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.867 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB1-200506

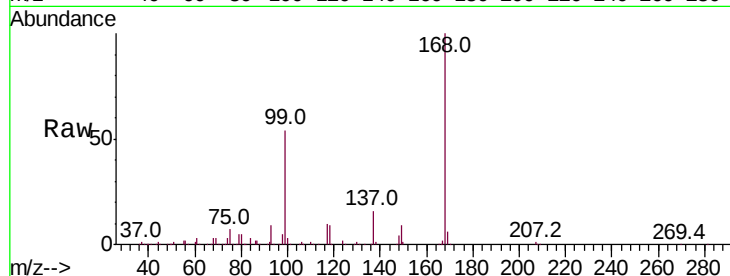
Tot Ion:117 Resp: 27179

Ion Ratio Lower Upper

117 100

119 4.4 80.3 120.5#

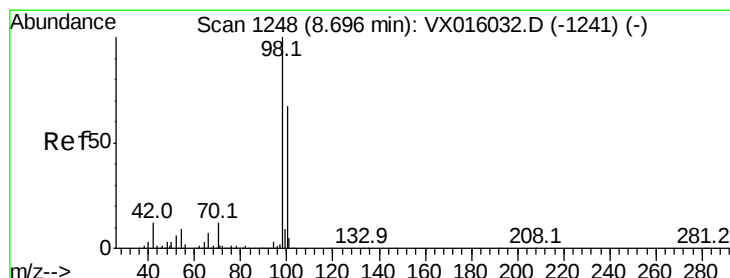
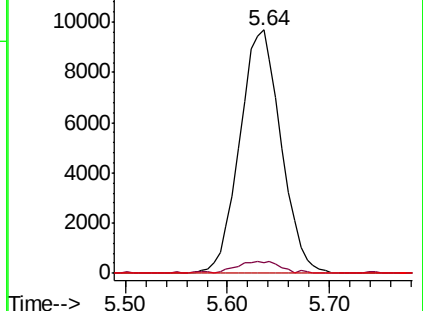
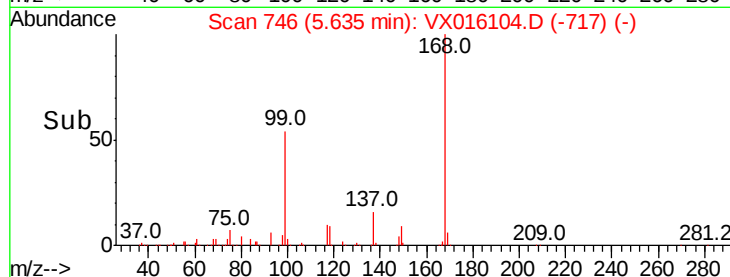
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.659 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016104.D

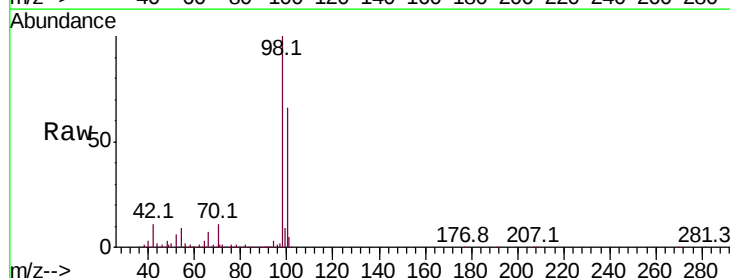
Acq: 07 May 2020 19:06

Tgt Ion: 98 Resp: 572557

Ion Ratio Lower Upper

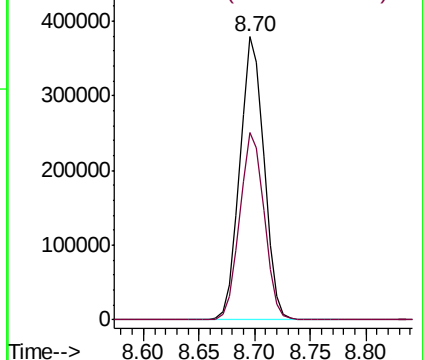
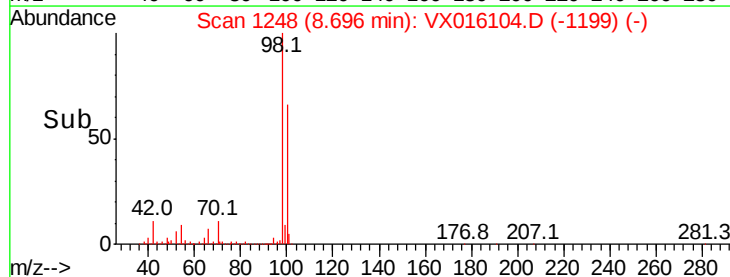
98 100

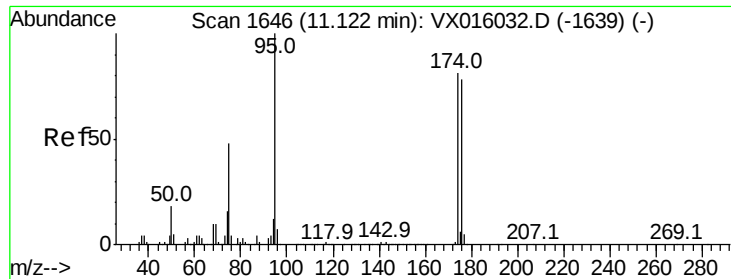
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.603 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

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ClientSampleId :

Z4-TB1-200506

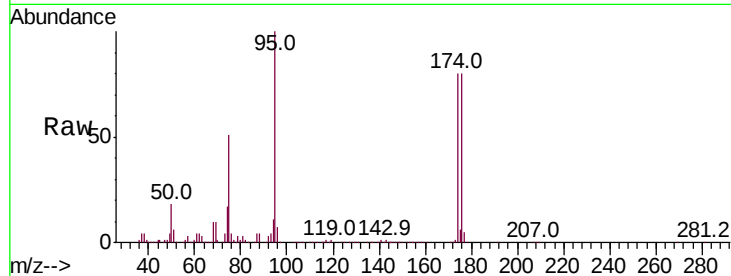
Tot Ion: 95 Resp: 234728

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

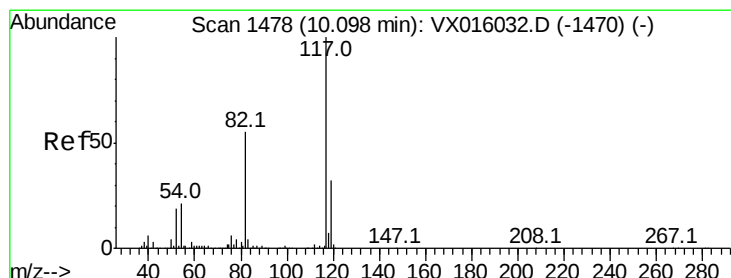
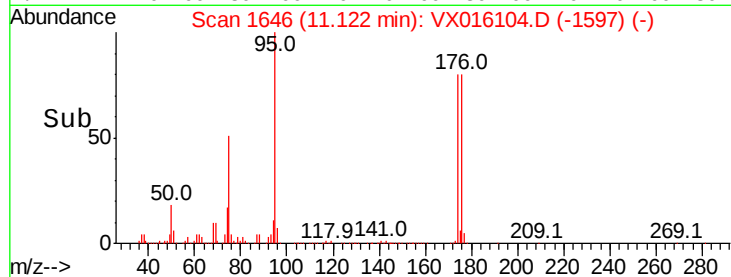
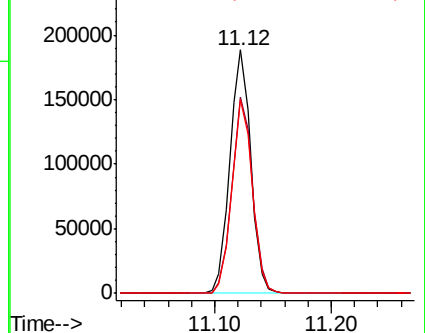
176 78.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

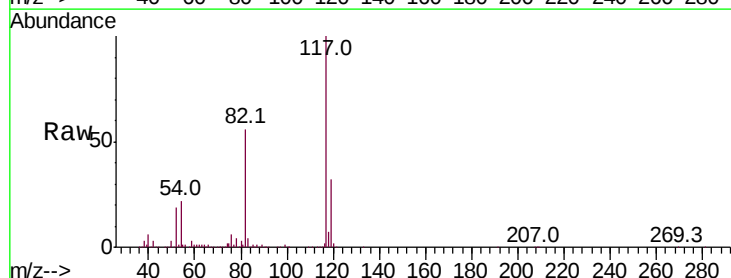
Tgt Ion: 117 Resp: 454555

Ion Ratio Lower Upper

117 100

82 56.2 44.4 66.6

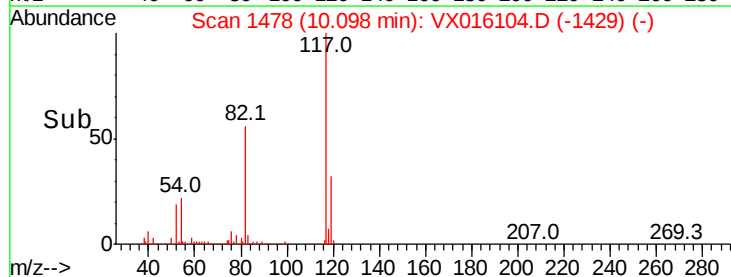
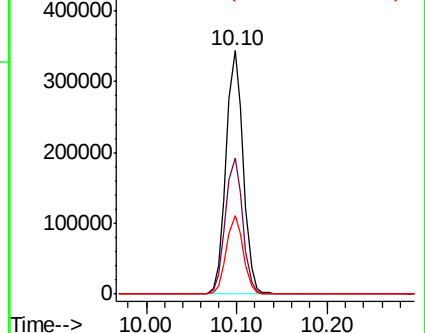
119 32.5 25.5 38.3

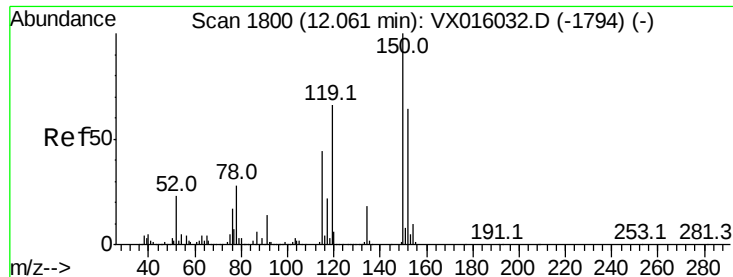


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB1-200506

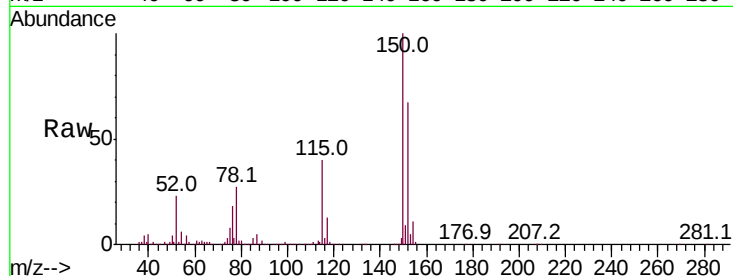
Tot Ion:152 Resp: 241781

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

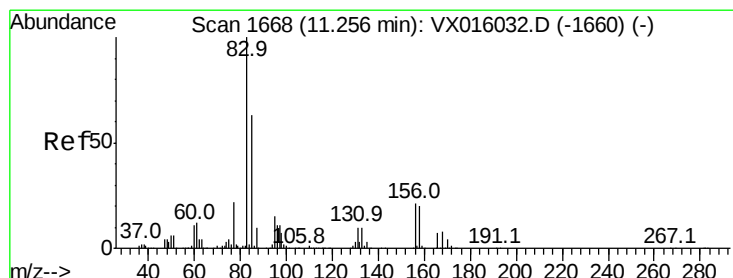
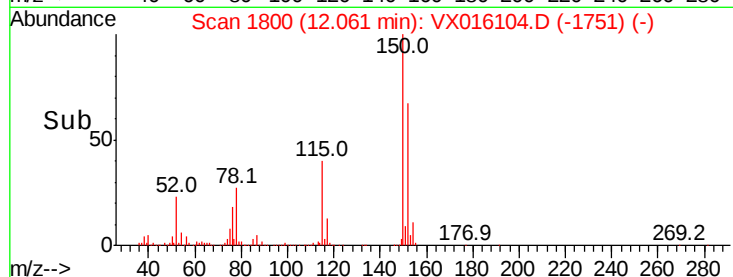
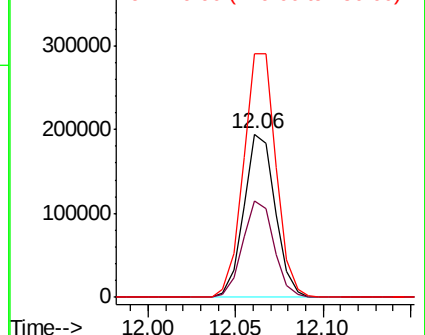
150 154.4 0.0 352.2



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: 2.100 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.14 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

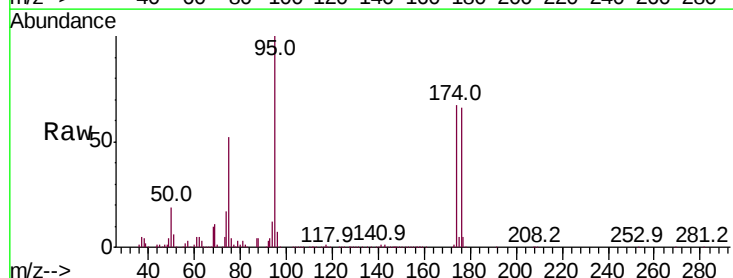
Tgt Ion: 83 Resp: 168

Ion Ratio Lower Upper

83 100

131 220.2 5.1 15.4#

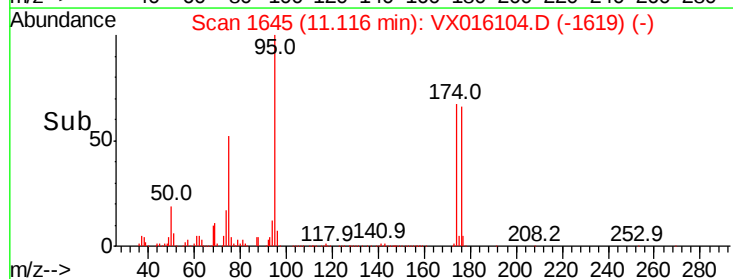
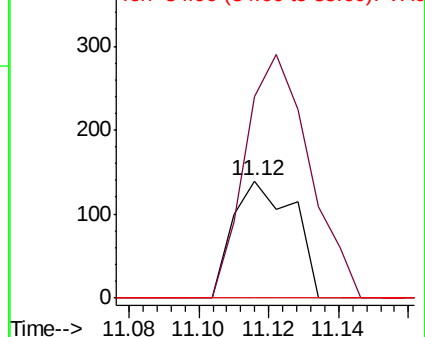
85 0.0 32.0 96.0#

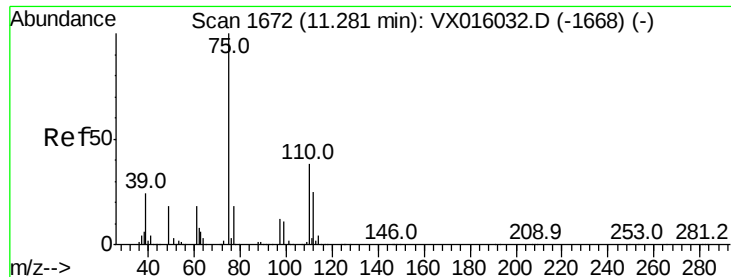


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.433 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

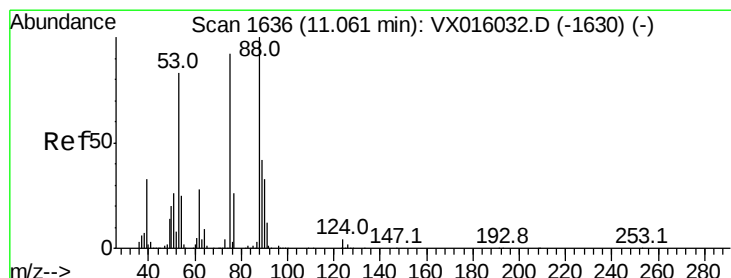
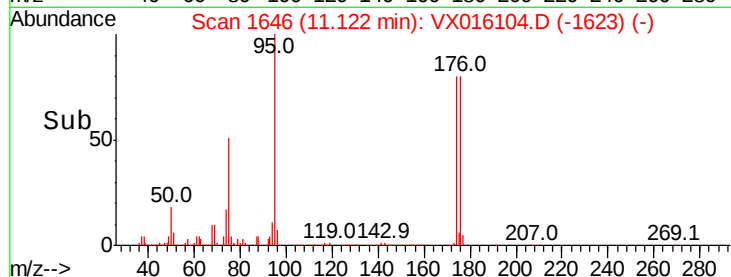
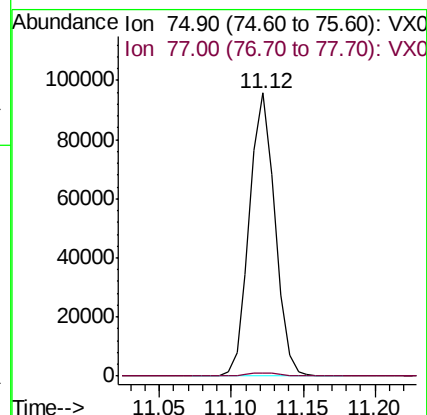
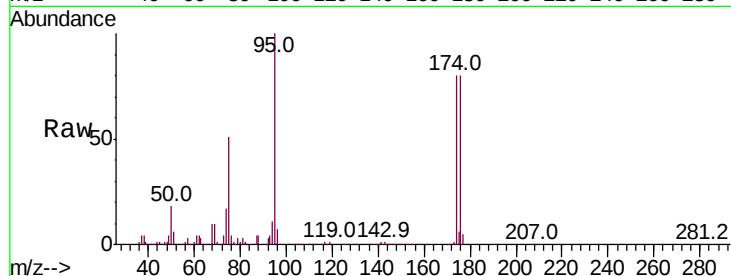
Z4-TB1-200506

Tot Ion: 75 Resp: 117592

Ion Ratio Lower Upper

75 100

77 1.4 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.076 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016104.D

Acq: 07 May 2020 19:06

Tgt Ion: 75 Resp: 117592

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#

