

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016776.D
 Acq On : 16 Jun 2020 13:59
 Operator : JC/SP
 Sample : L3004-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB9-200611

Quant Time: Jun 17 03:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	373097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	382500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189952	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	133297	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	5.47	113	110573	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	8.70	98	451603	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	11.12	95	184299	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	

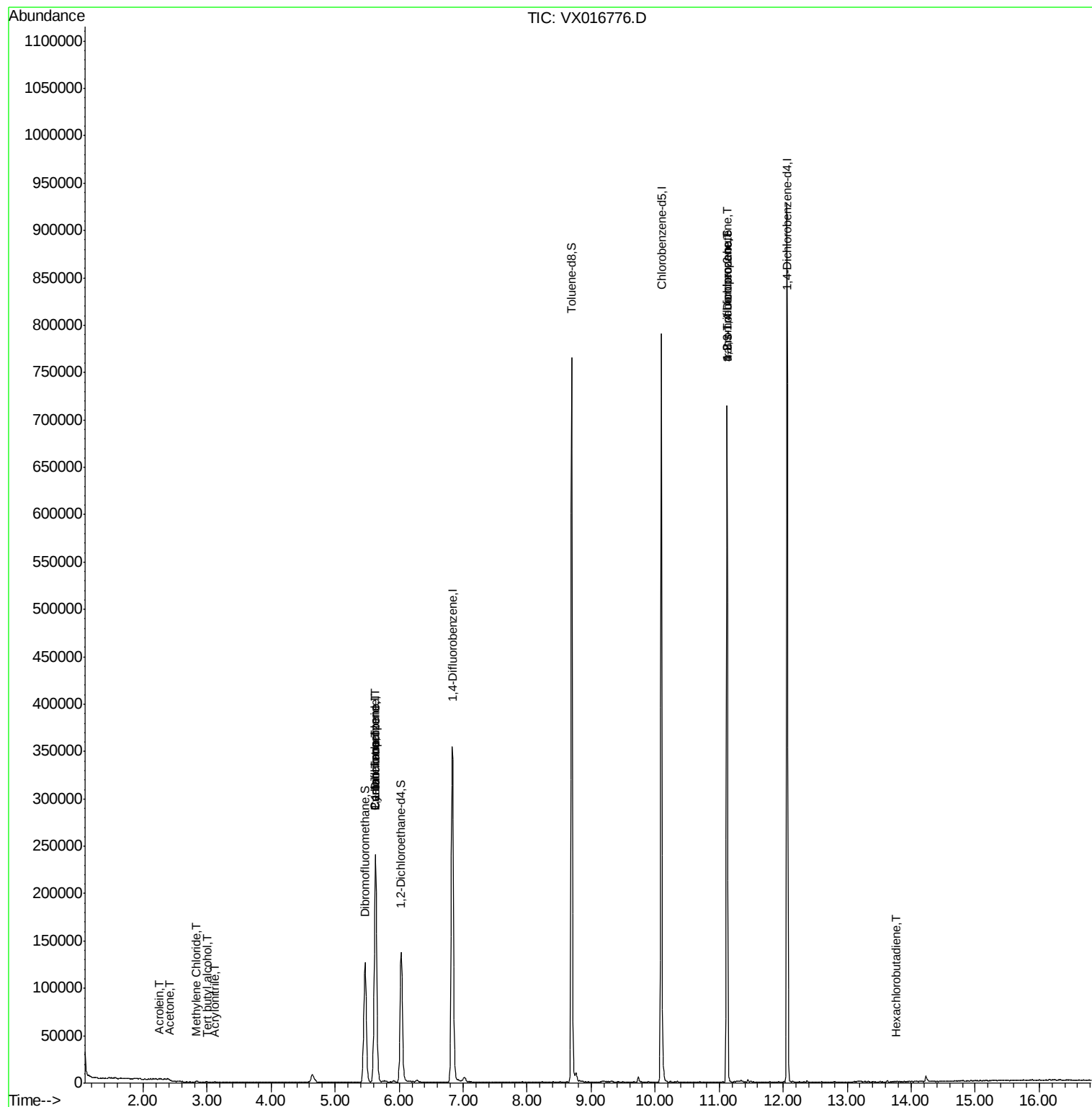
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	368	0.549	ug/l #	73
13) Acrolein	2.26	56	330	3.452	ug/l #	34
15) Acrylonitrile	3.12	53	365	0.269	ug/l #	90
16) Acetone	2.42	43	749	0.619	ug/l #	75
20) Methylene Chloride	2.84	84	598	0.230	ug/l #	77
31) Cyclohexane	5.63	56	3845	1.801	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	16244	4.927	ug/l #	50
38) Carbon Tetrachloride	5.62	117	22586	6.032	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	88206	22.081	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	88206	55.589	ug/l #	13
94) Hexachlorobutadiene	13.76	225	29	0.429	ug/l #	50

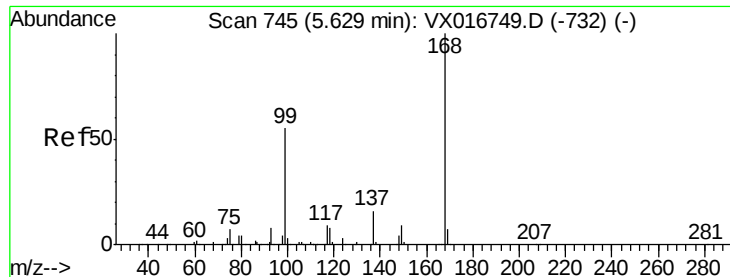
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

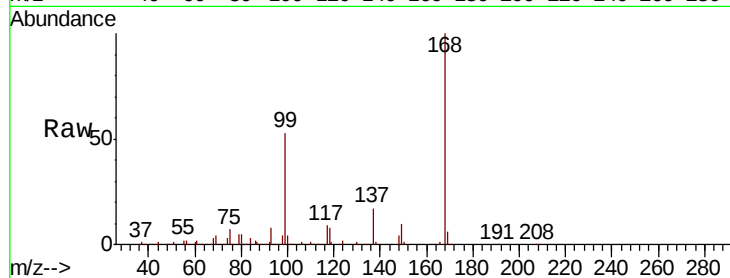
Z1-TB9-200611

Tot Ion:168 Resp: 237011

Ion Ratio Lower Upper

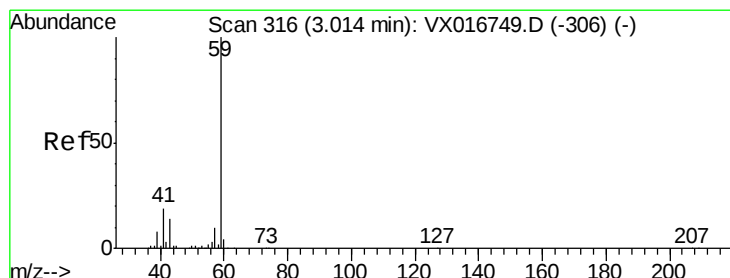
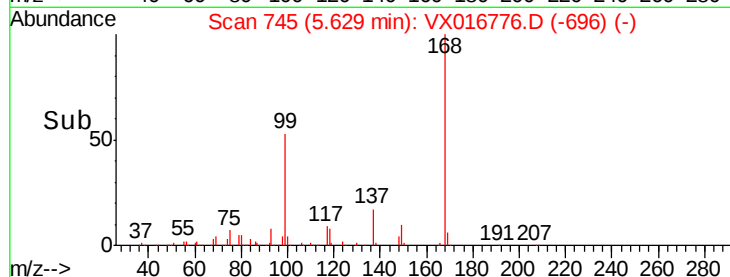
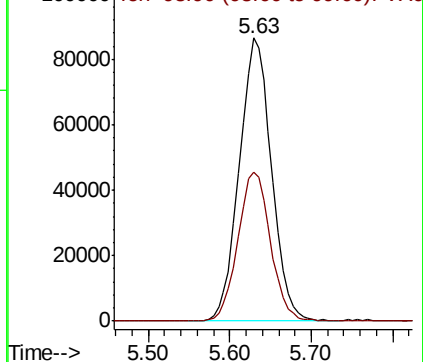
168 100

99 52.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.549 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016776.D

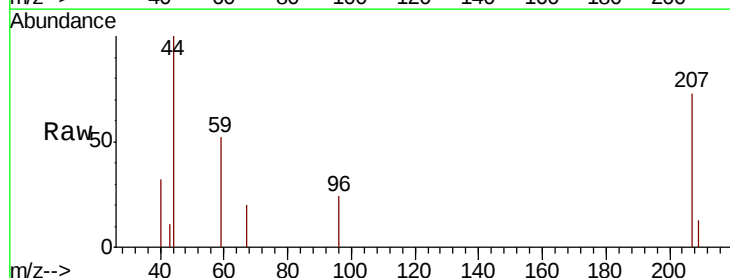
Acq: 16 Jun 2020 13:59

Tgt Ion: 59 Resp: 368

Ion Ratio Lower Upper

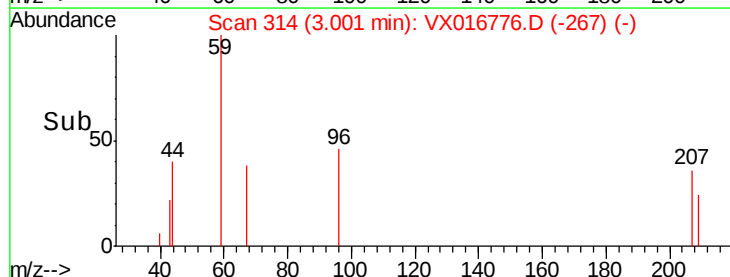
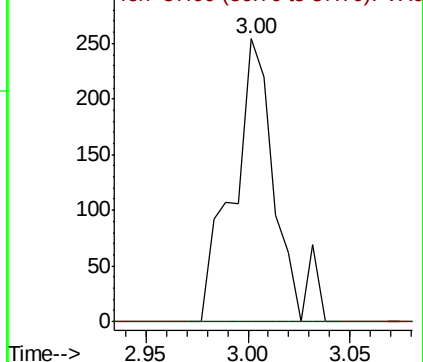
59 100

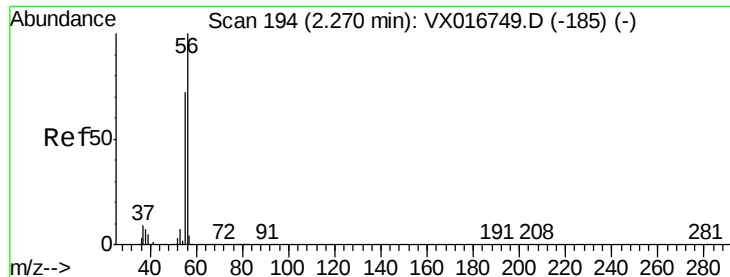
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

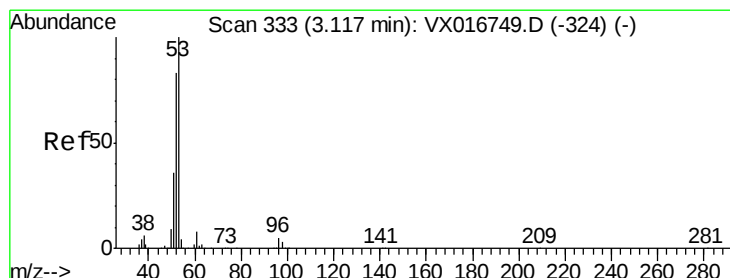
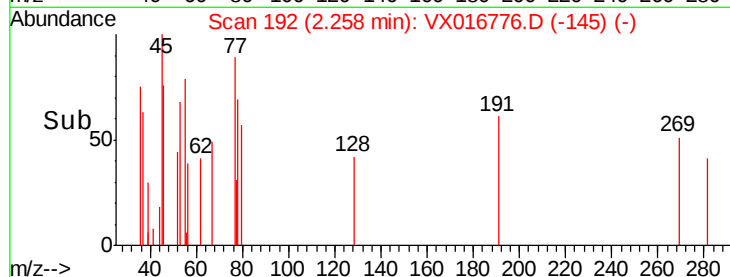
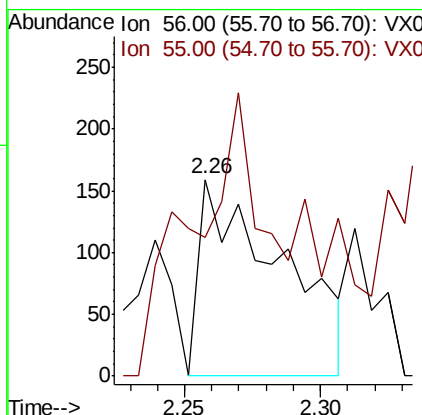
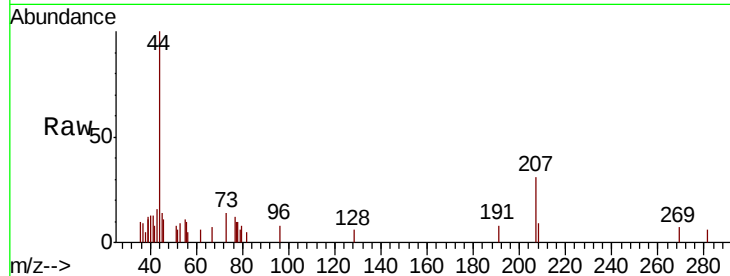




#13
Acrolein
Concen: 3.452 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

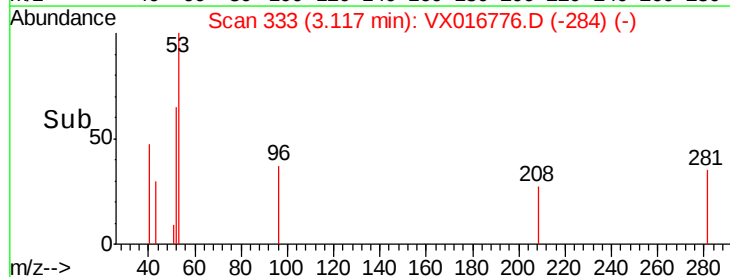
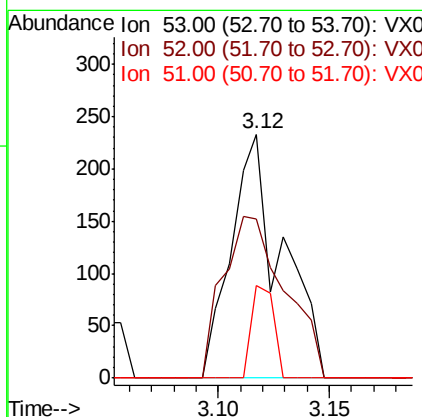
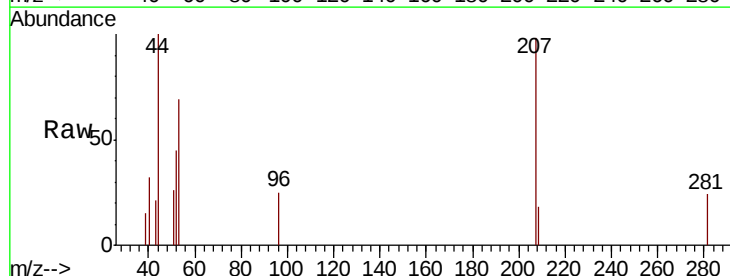
Instrument :
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ClientSampleId :
Z1-TB9-200611

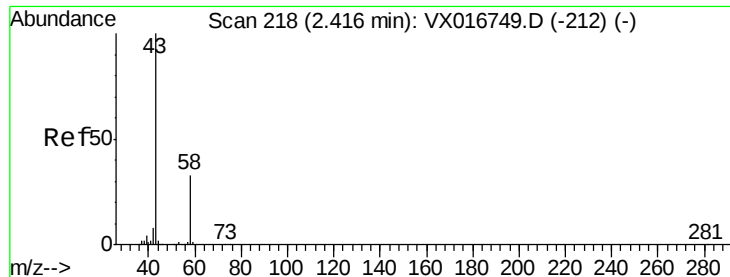
Tot Ion: 56 Resp: 330
Ion Ratio Lower Upper
56 100
55 127.9 58.2 87.4#



#15
Acrylonitrile
Concen: 0.269 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Tgt Ion: 53 Resp: 365
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 17.0 28.6 42.8#





#16

Acetone

Concen: 0.619 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

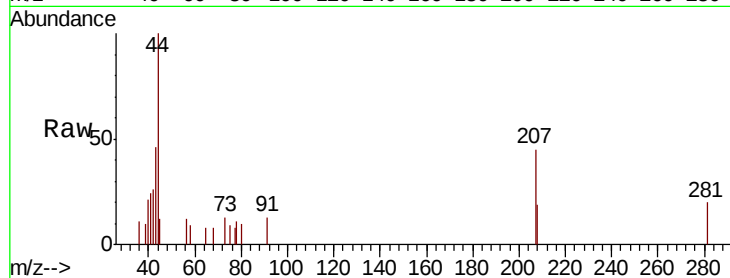
Z1-TB9-200611

Tot Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

58 18.5 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

300

200

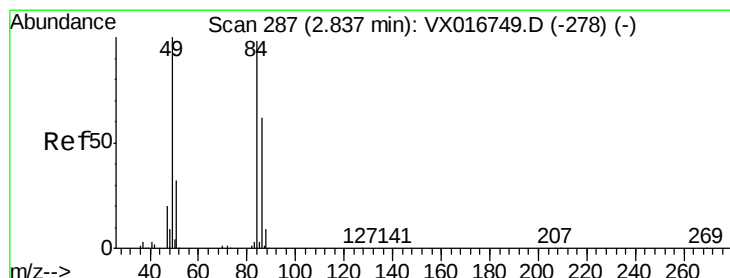
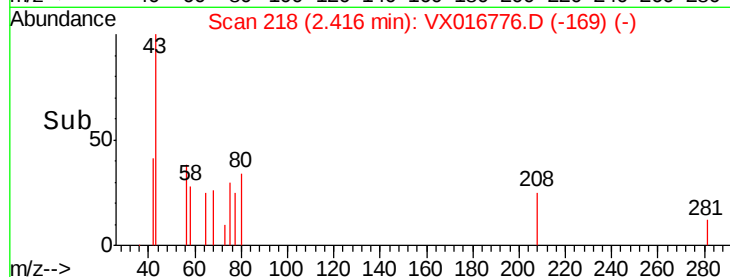
100

0

2.40

2.45

Time-->



#20

Methylene Chloride

Concen: 0.230 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

Tgt Ion: 84 Resp: 598

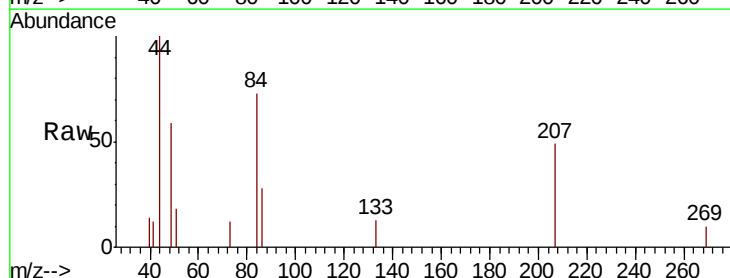
Ion Ratio Lower Upper

84 100

49 80.9 81.8 122.8#

51 24.7 25.8 38.8#

86 38.6 50.4 75.6#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600

500

400

300

200

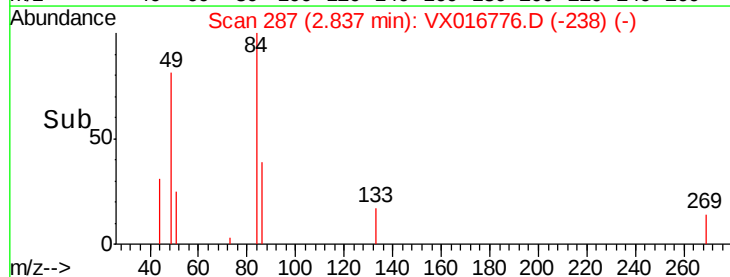
100

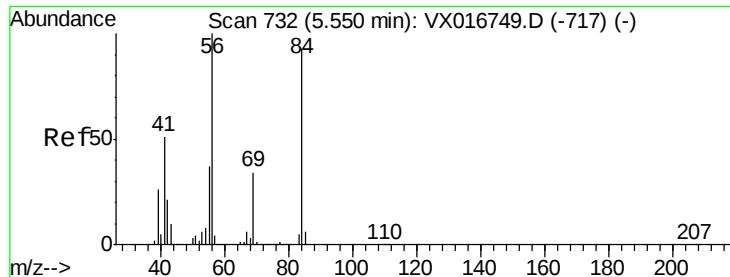
0

2.80

2.85

Time-->

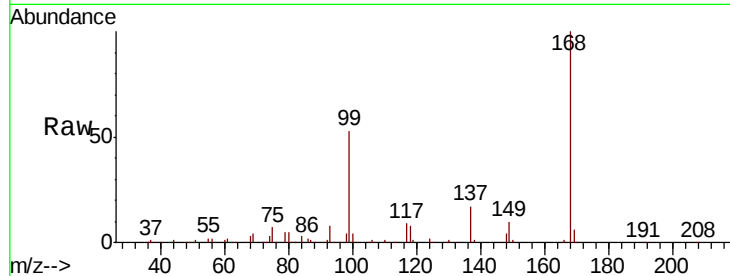




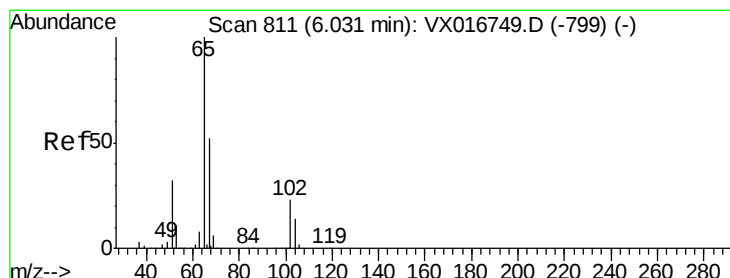
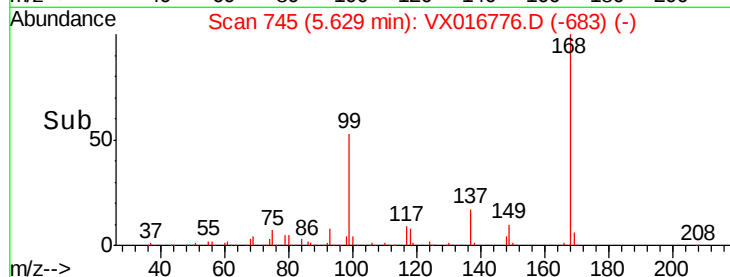
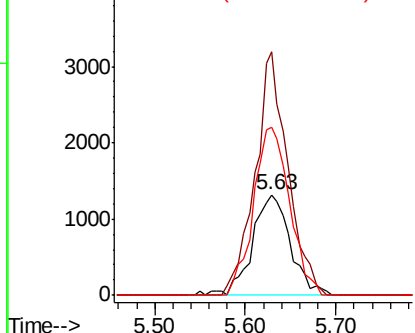
#31
Cyclohexane
Concen: 1.801 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB9-200611

Tot Ion: 56 Resp: 3845
Ion Ratio Lower Upper
56 100
69 242.4 27.1 40.7#
84 167.1 74.0 111.0#

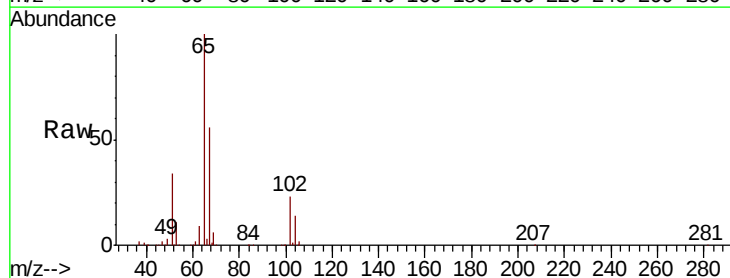


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

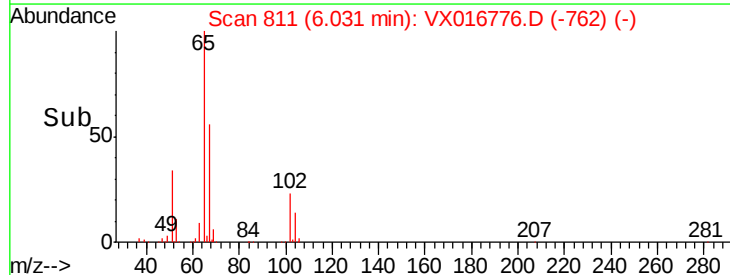
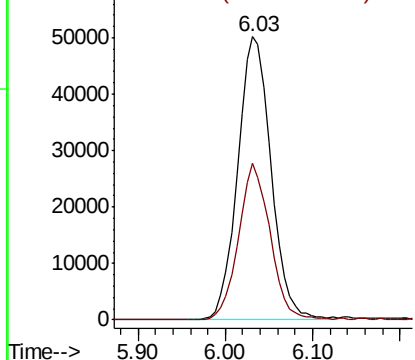


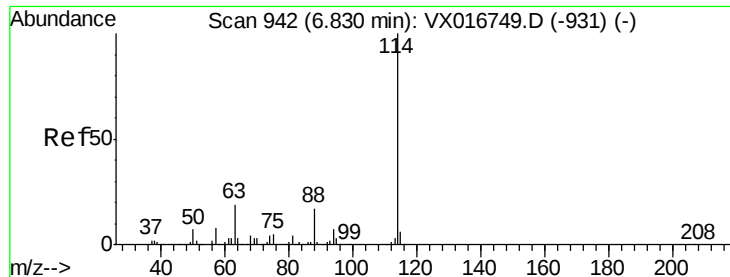
#33
1,2-Dichloroethane-d4
Concen: 50.003 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Tgt Ion: 65 Resp: 133297
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB9-200611

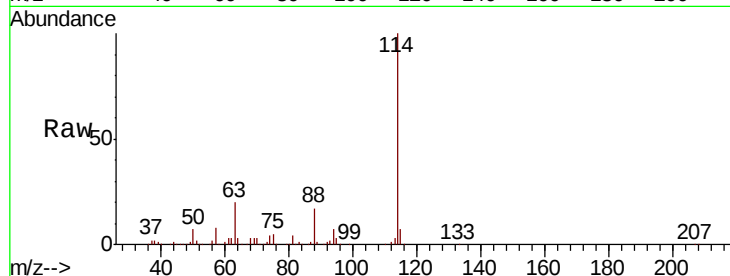
Tot Ion:114 Resp: 373097

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

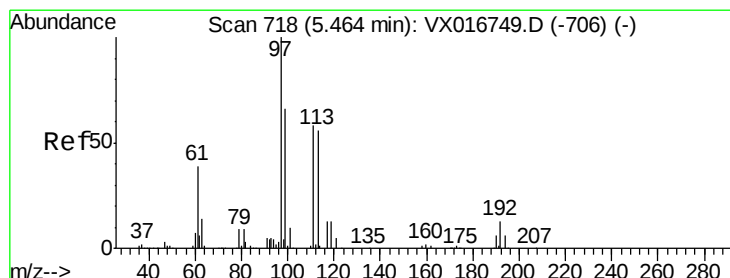
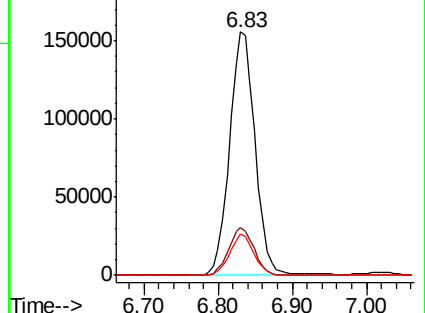
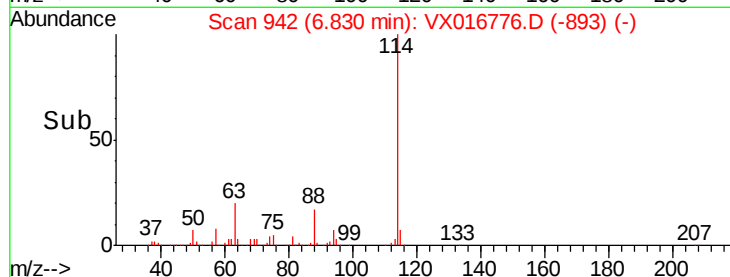
88 17.0 0.0 33.4



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: 48.035 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

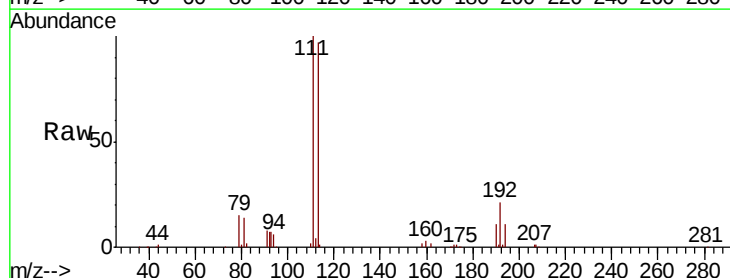
Tgt Ion:113 Resp: 110573

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

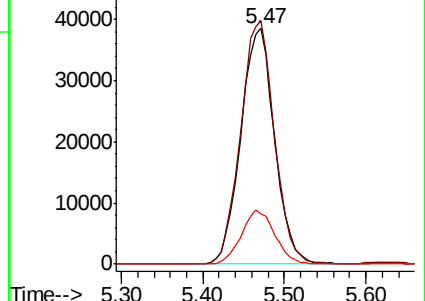
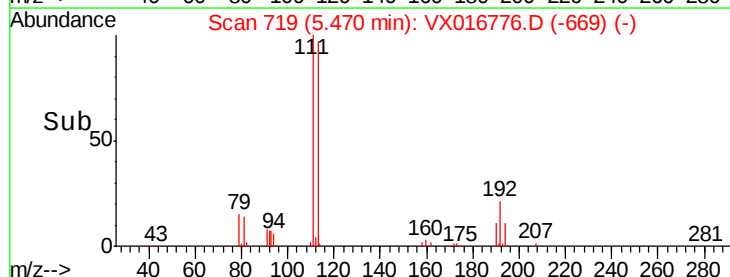
192 22.9 18.2 27.4

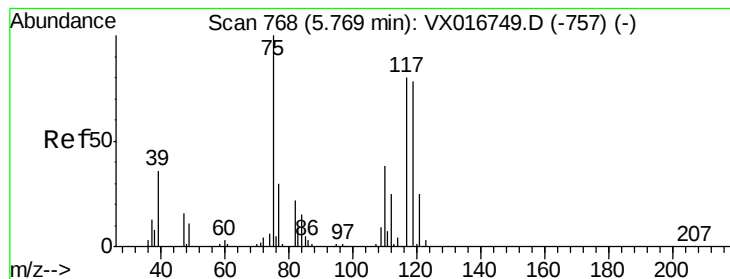


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

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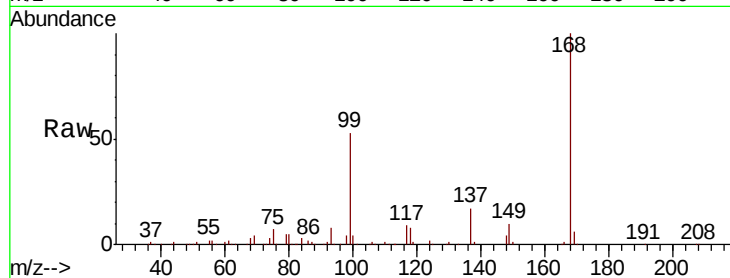
Tot Ion: 75 Resp: 16244

Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.2#

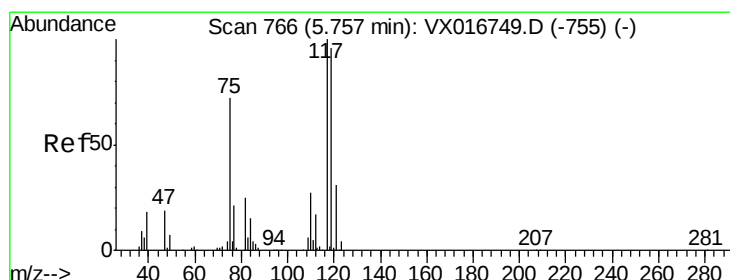
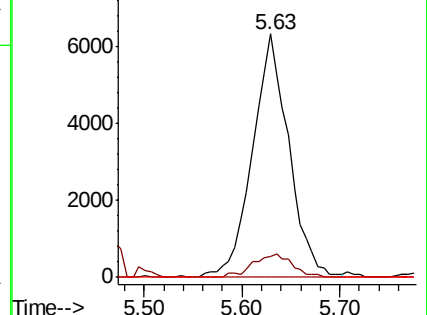
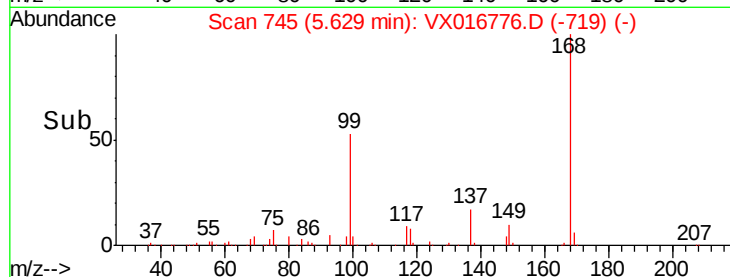
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.032 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

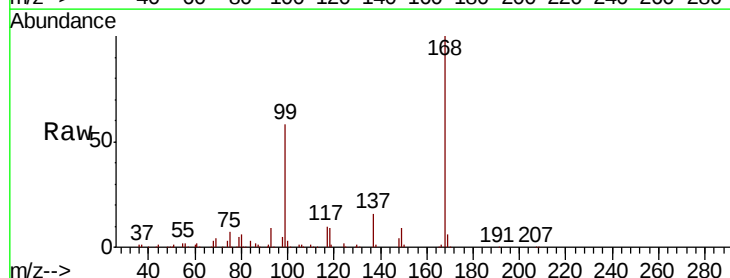
Tgt Ion: 117 Resp: 22586

Ion Ratio Lower Upper

117 100

119 5.9 76.7 115.1#

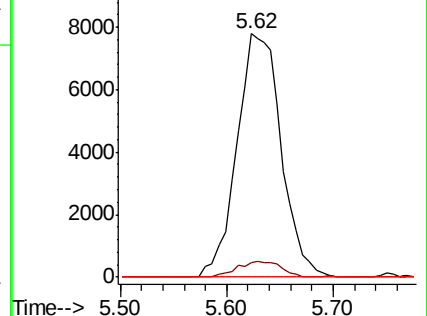
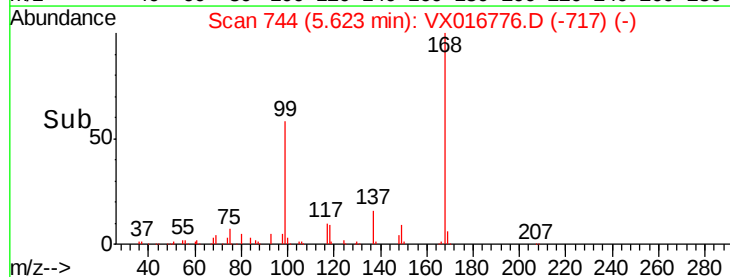
121 0.0 24.7 37.1#

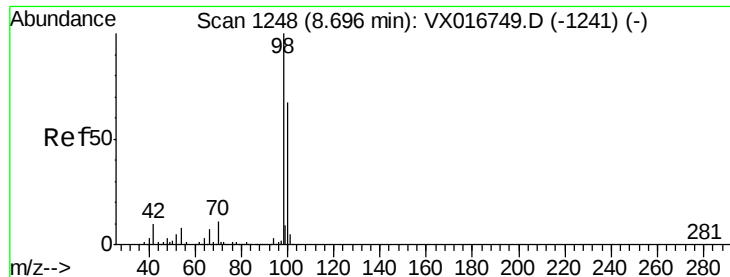


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

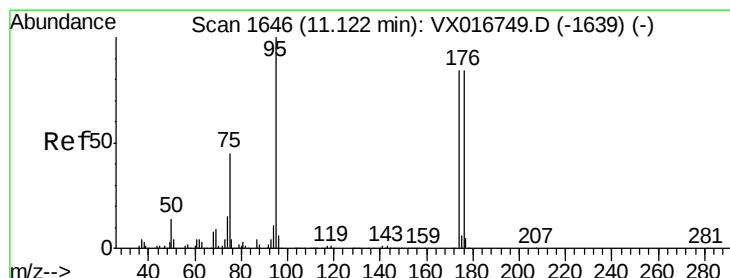
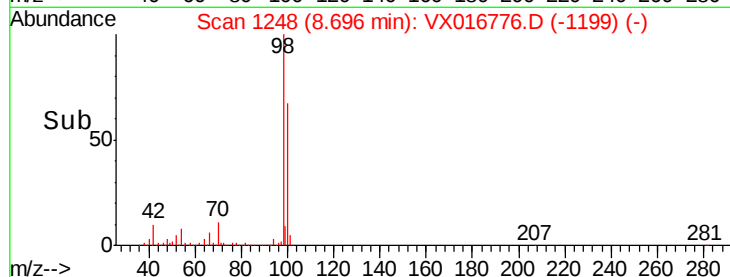
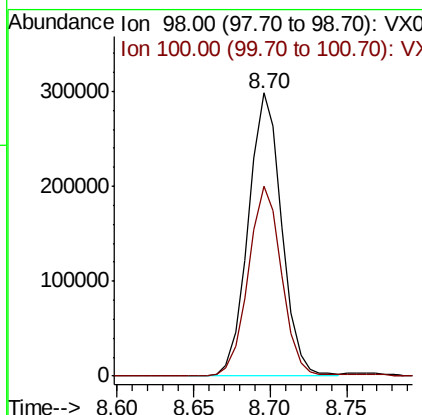
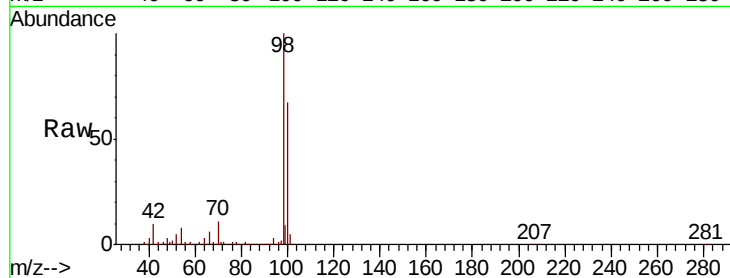




#50
Toluene-d8
Concen: 53.206 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

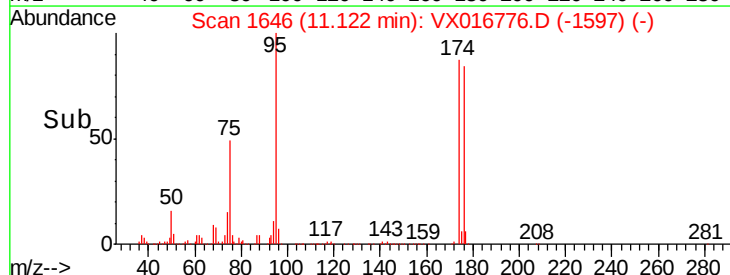
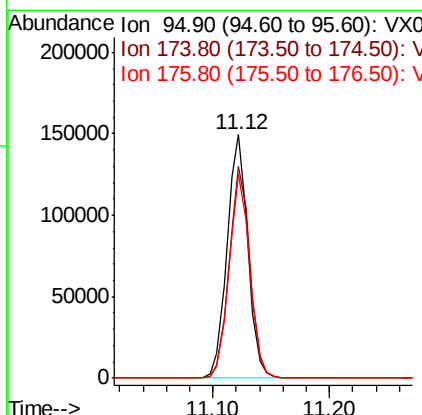
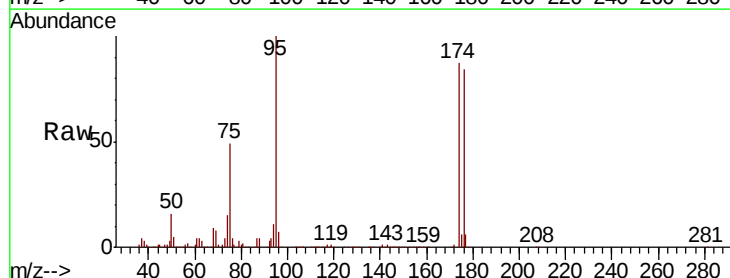
Instrument :
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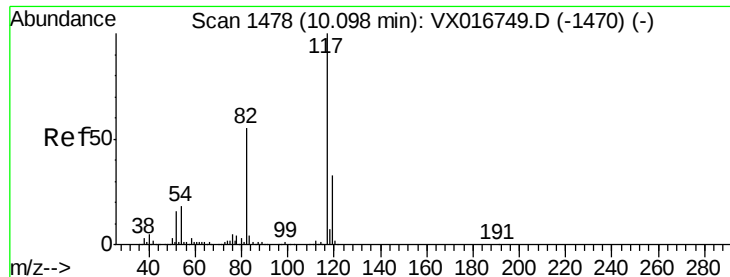
Tot Ion: 98 Resp: 451603
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.766 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Tgt Ion: 95 Resp: 184299
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.0
176 83.3 0.0 166.2

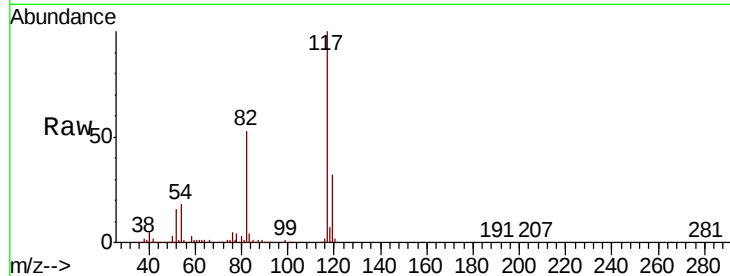




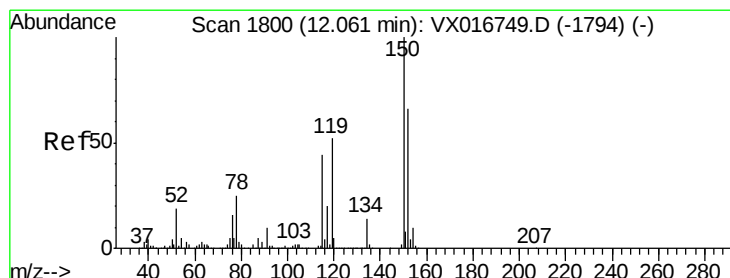
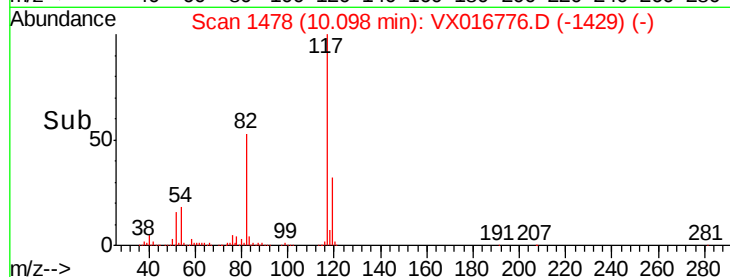
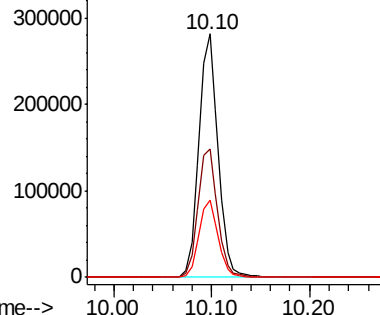
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB9-200611

Tot Ion:117 Resp: 382500
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.6
119 31.9 26.2 39.4

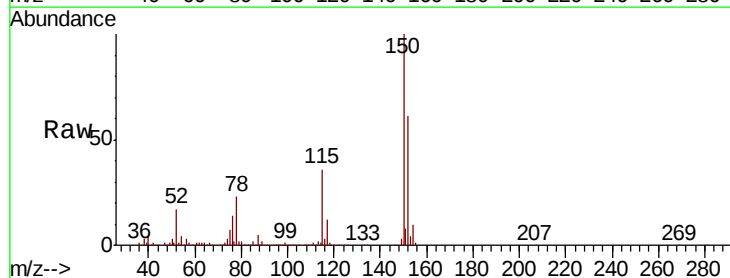


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

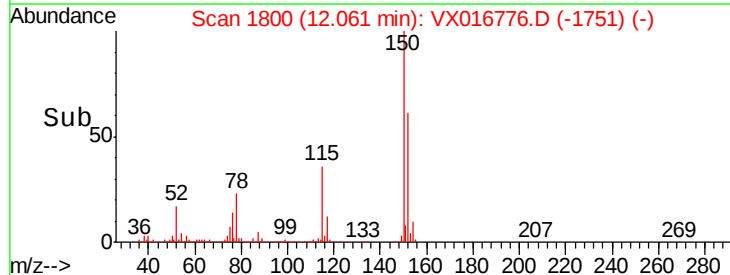
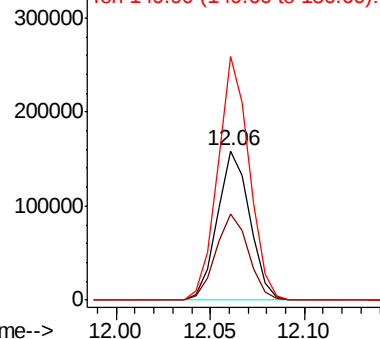


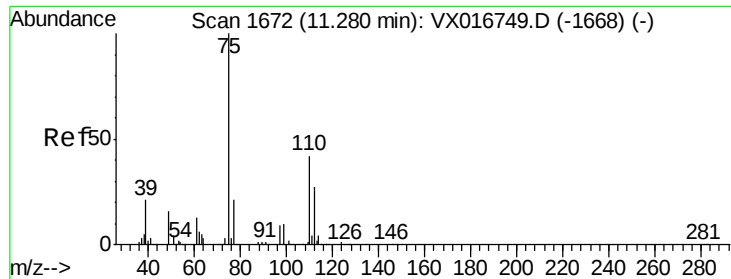
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016776.D
Acq: 16 Jun 2020 13:59

Tgt Ion:152 Resp: 189952
Ion Ratio Lower Upper
152 100
115 58.0 40.3 120.8
150 157.8 0.0 337.4



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





#76

1,2,3-Trichloropropane

Concen: 22.081 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

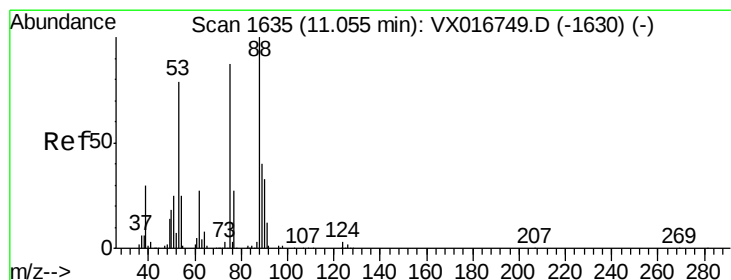
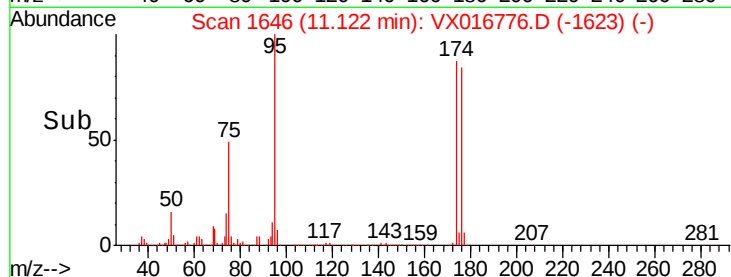
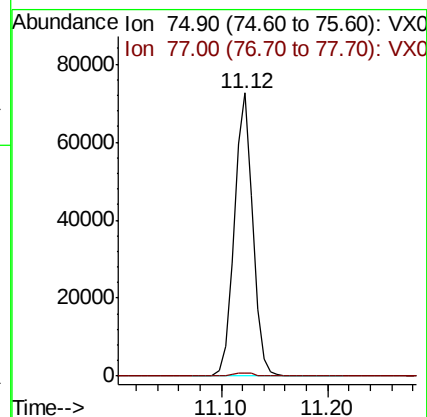
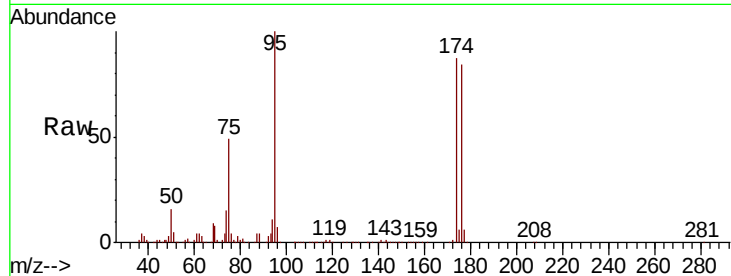
Z1-TB9-200611

Tot Ion: 75 Resp: 88206

Ion Ratio Lower Upper

75 100

77 1.4 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.589 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

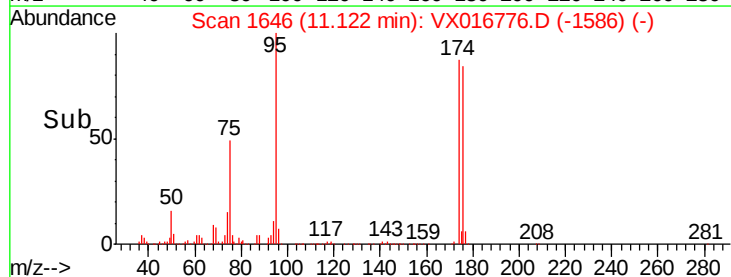
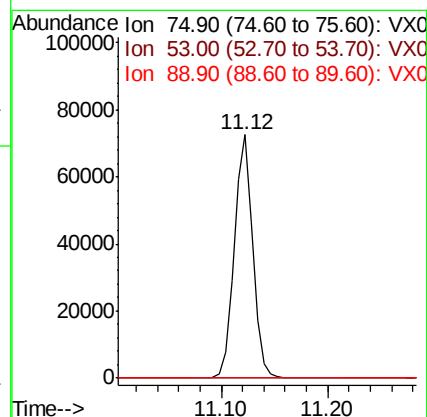
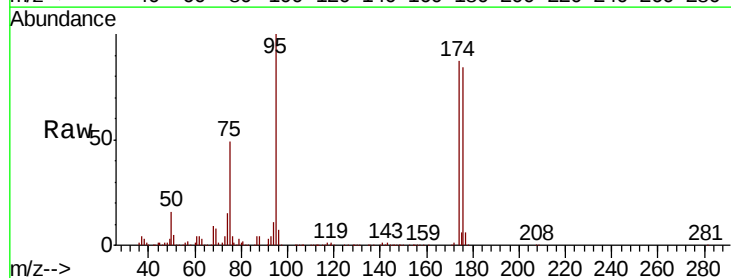
Tgt Ion: 75 Resp: 88206

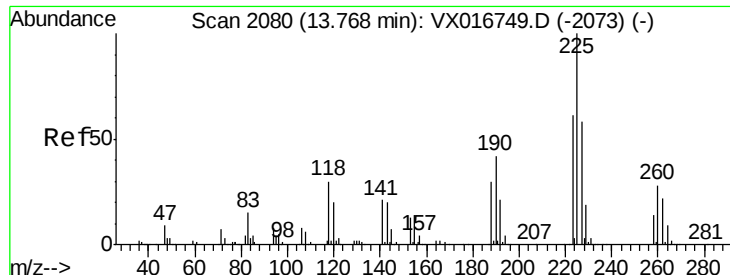
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.0#

89 0.0 39.1 58.7#





#94

Hexachlorobutadiene

Concen: 0.429 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016776.D

Acq: 16 Jun 2020 13:59

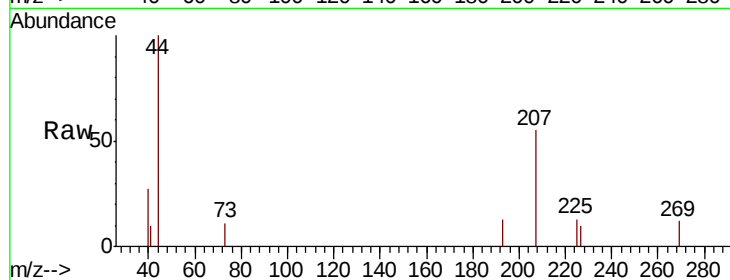
Instrument :

MSVOA_X

ClientSampleId :

Z1-TB9-200611

Tot Ion:	225	Resp:	29
Ion Ratio	Lower	Upper	
225	100		
223	0.0	31.1	93.5#
227	75.9	30.9	92.7



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

