

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016780.D
 Acq On : 16 Jun 2020 15:30
 Operator : JC/SP
 Sample : L2993-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC50MW002-200610

Quant Time: Jun 17 03:56:32 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	229322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186894	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	131664	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	5.47	113	108841	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	8.70	98	445602	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	11.12	95	179723	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	

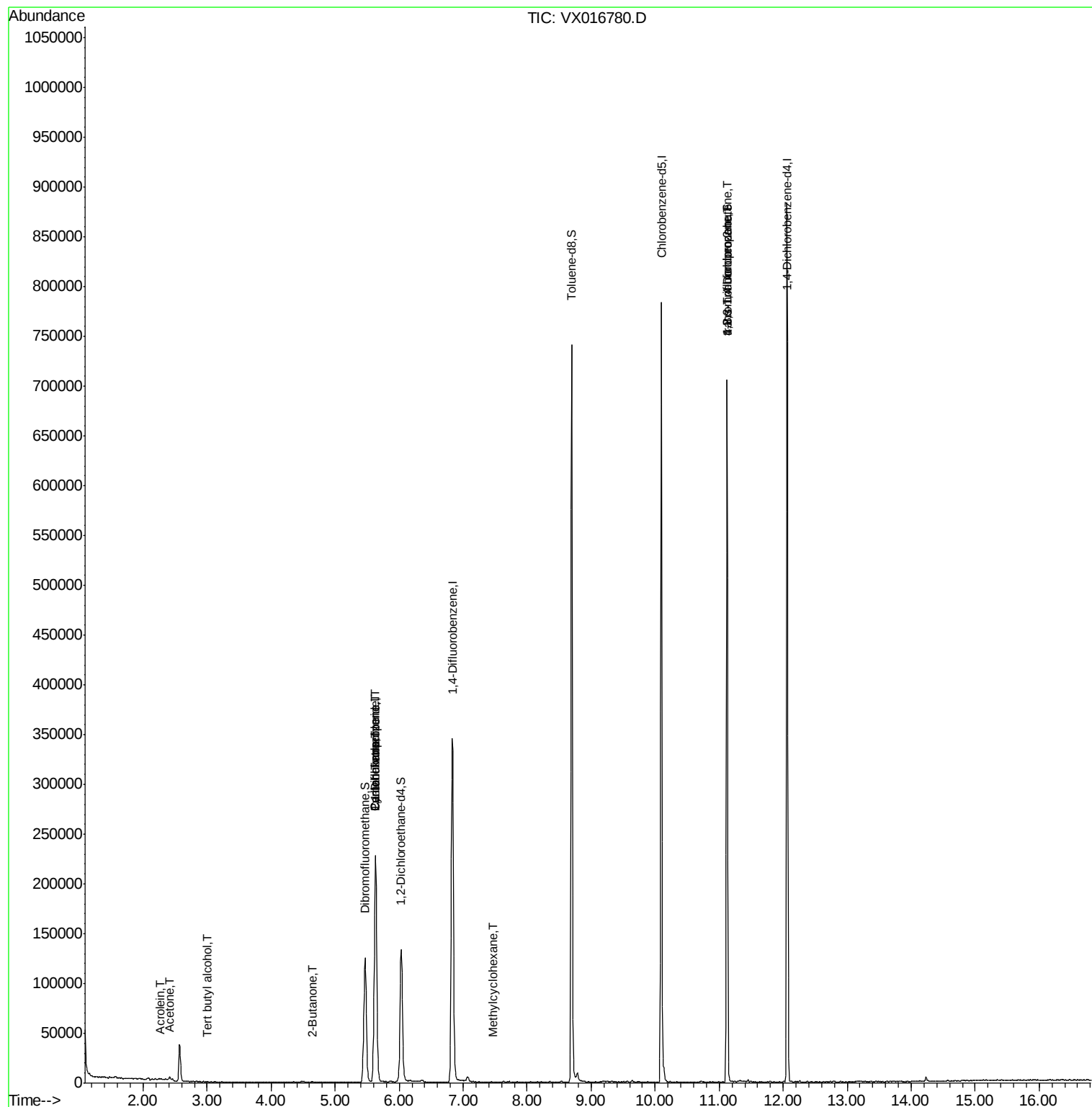
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.00	59	472	0.728	ug/l #	73
13) Acrolein	2.28	56	307	3.408	ug/l #	17
16) Acetone	2.42	43	2260	1.932	ug/l	93
25) 2-Butanone	4.65	43	422	0.239	ug/l #	44
31) Cyclohexane	5.63	56	3959	1.872	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	15521	4.802	ug/l #	50
38) Carbon Tetrachloride	5.63	117	21154	5.762	ug/l #	17
39) Methylcyclohexane	7.47	83	43	0.964	ug/l #	19
76) 1,2,3-Trichloropropane	11.12	75	85286	21.700	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	85286	54.628	ug/l #	13

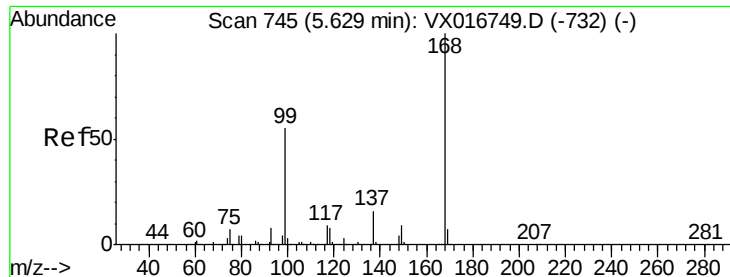
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
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: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

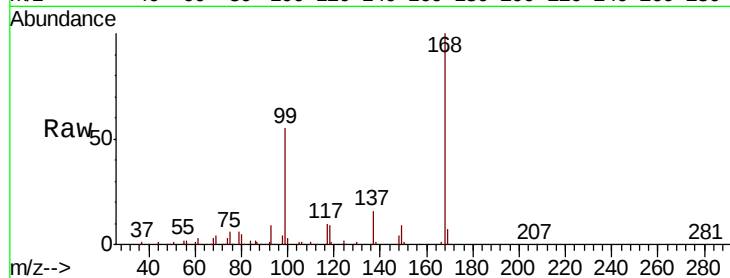
AOC50MW002-200610

Tot Ion:168 Resp: 229322

Ion Ratio Lower Upper

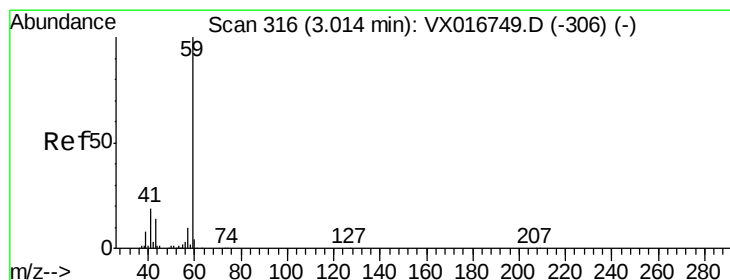
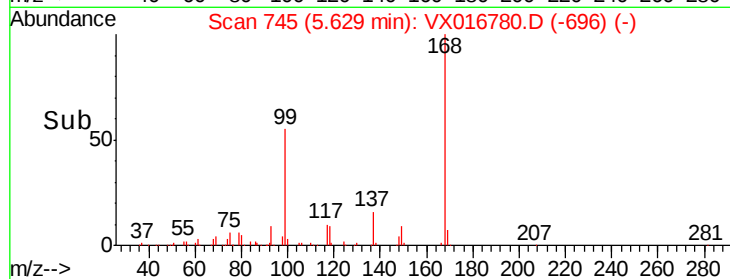
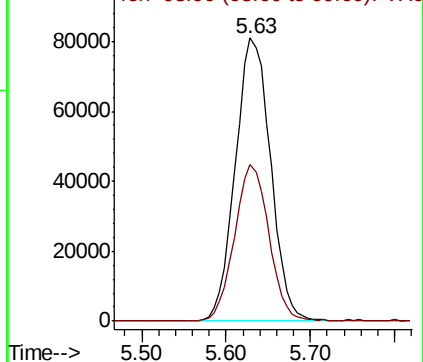
168 100

99 55.1 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: 0.728 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016780.D

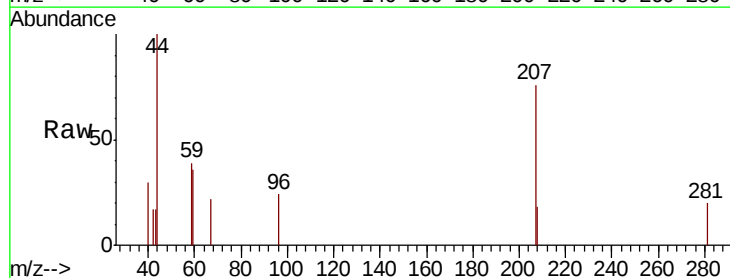
Acq: 16 Jun 2020 15:30

Tgt Ion: 59 Resp: 472

Ion Ratio Lower Upper

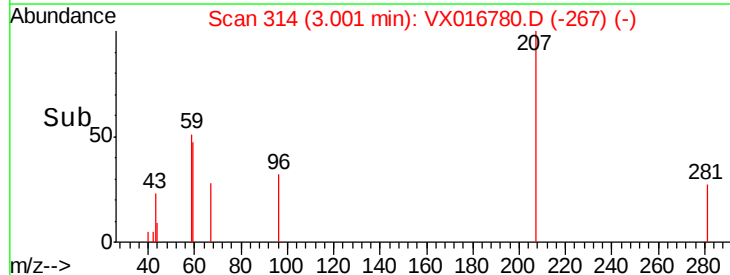
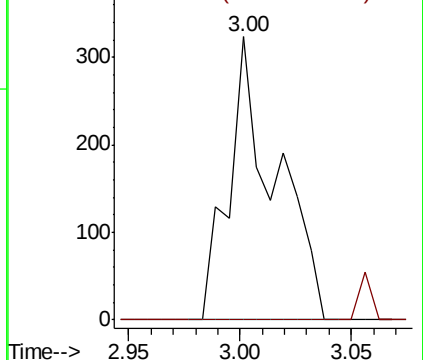
59 100

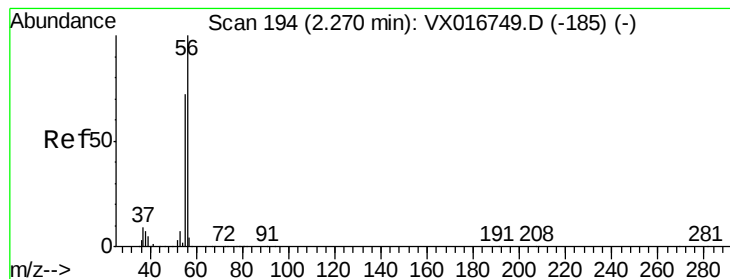
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 3.408 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

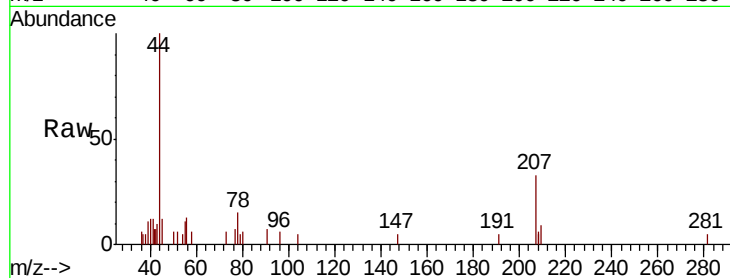
AOC50MW002-200610

Tot Ion: 56 Resp: 307

Ion Ratio Lower Upper

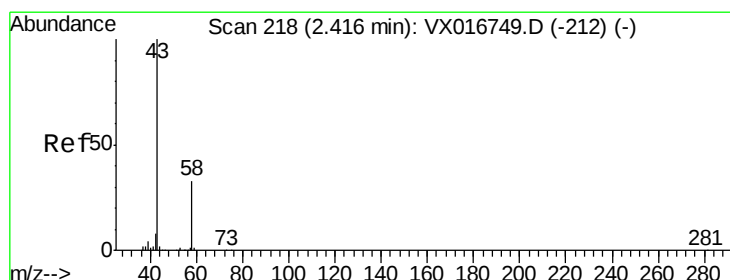
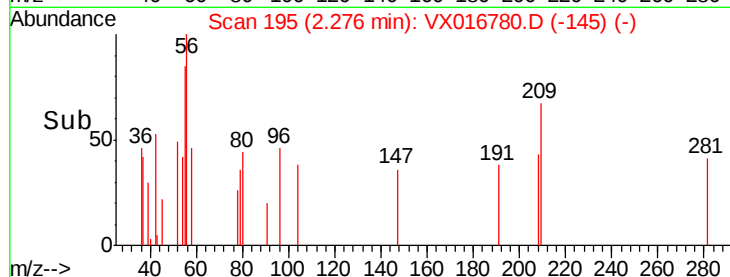
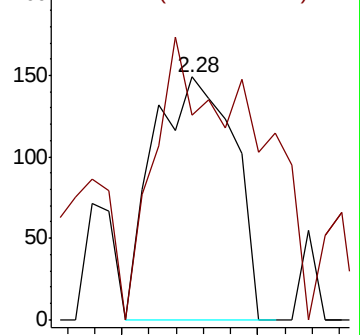
56 100

55 142.7 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.932 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016780.D

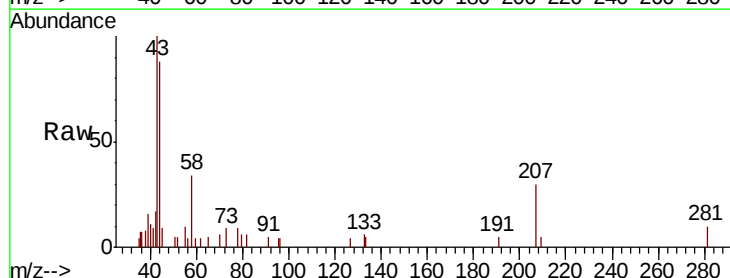
Acq: 16 Jun 2020 15:30

Tgt Ion: 43 Resp: 2260

Ion Ratio Lower Upper

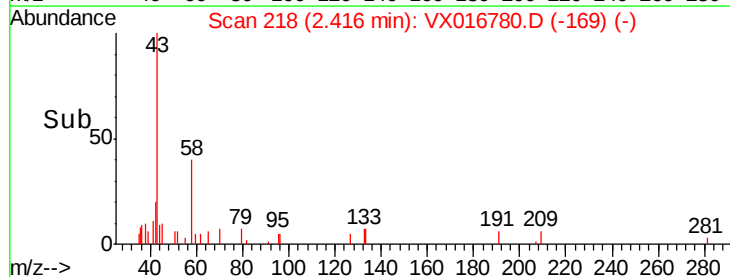
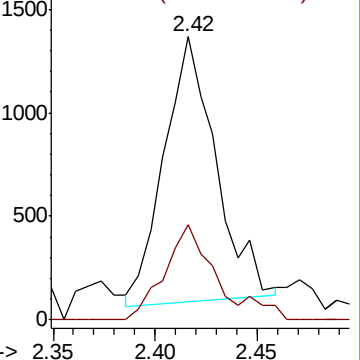
43 100

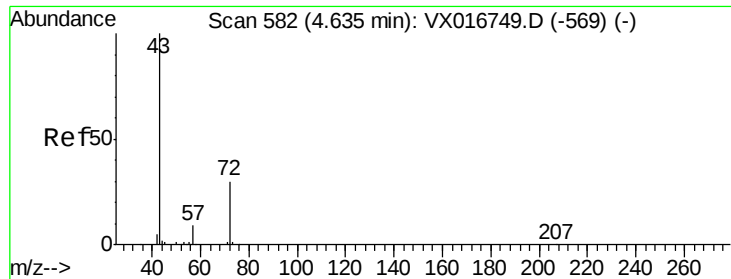
58 36.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 0.239 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

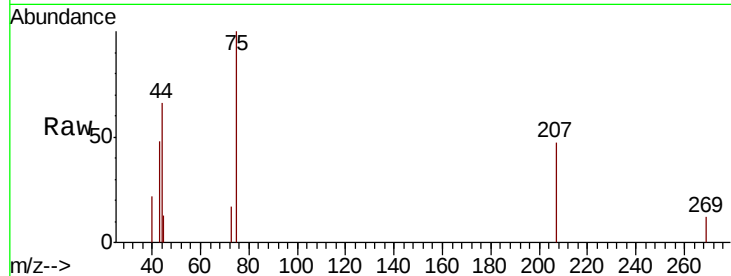
AOC50MW002-200610

Tot Ion: 43 Resp: 422

Ion Ratio Lower Upper

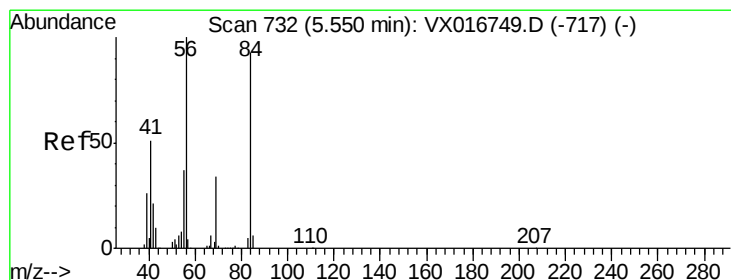
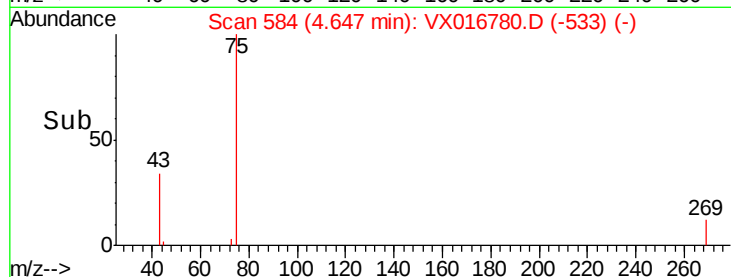
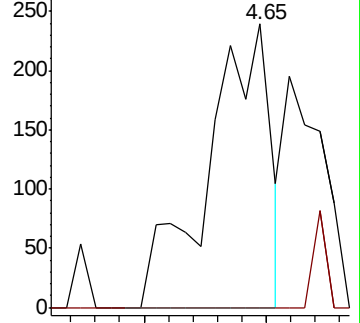
43 100

72 0.0 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.872 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

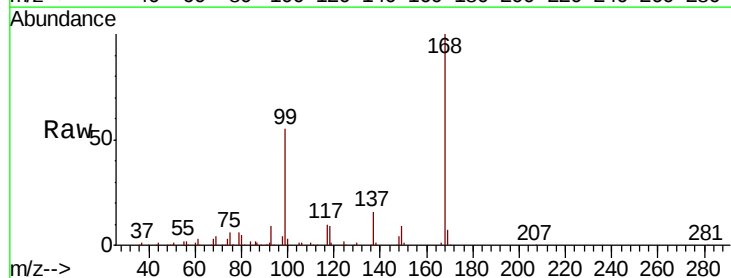
Tgt Ion: 56 Resp: 3959

Ion Ratio Lower Upper

56 100

69 201.9 27.1 40.7#

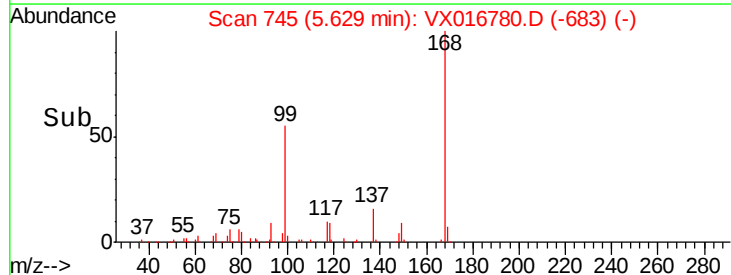
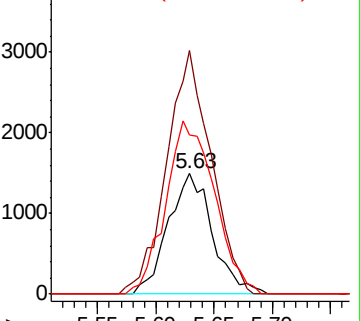
84 131.8 74.0 111.0#

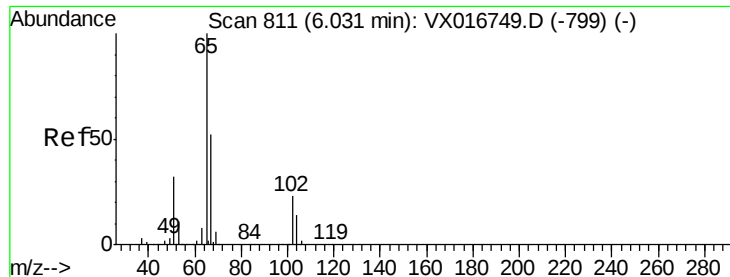


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.045 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

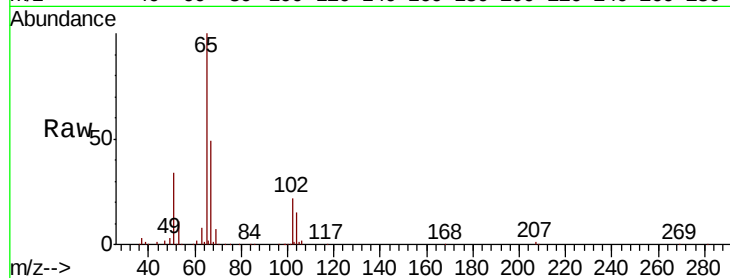
AOC50MW002-200610

Tot Ion: 65 Resp: 131664

Ion Ratio Lower Upper

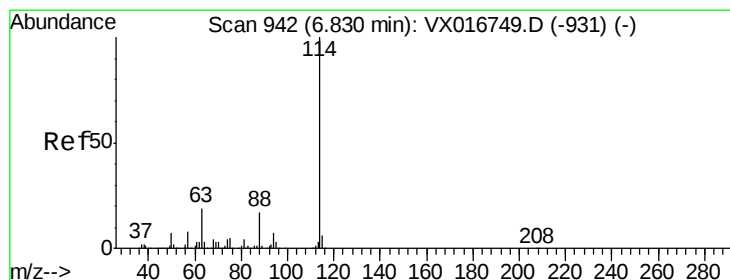
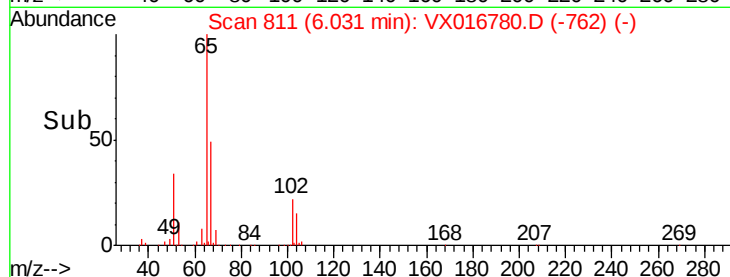
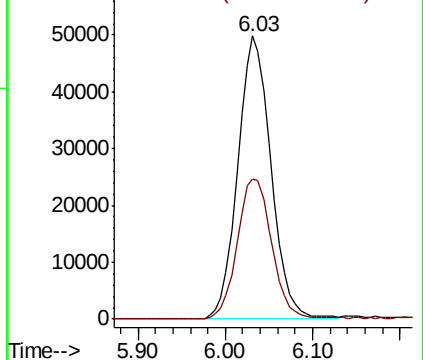
65 100

67 51.1 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: VX016780.D

Acq: 16 Jun 2020 15:30

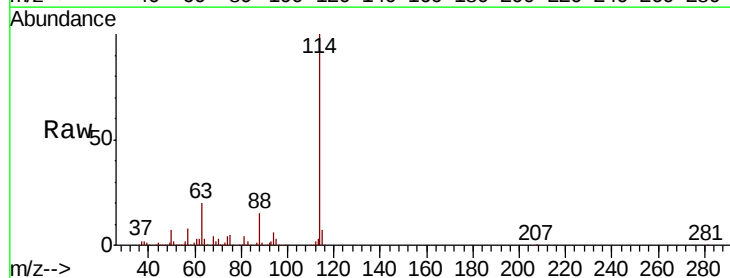
Tgt Ion: 114 Resp: 365777

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

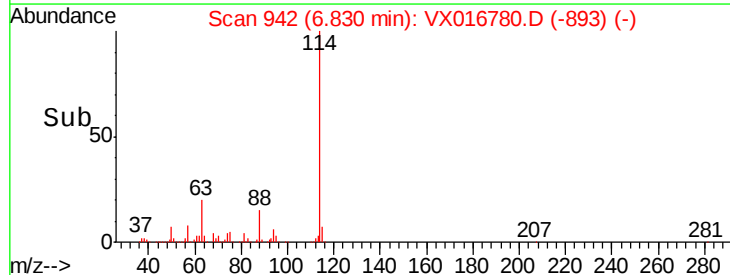
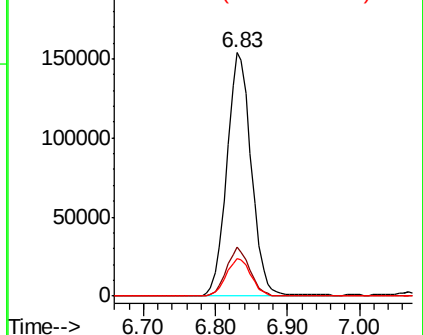
88 15.2 0.0 33.4

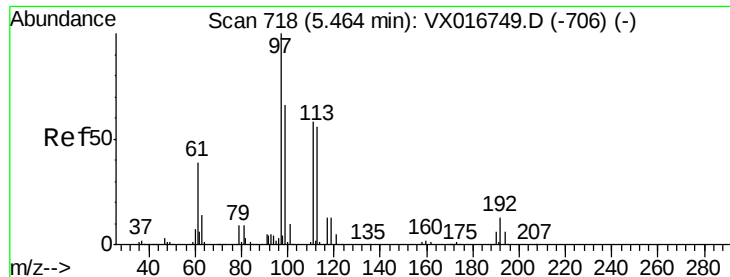


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

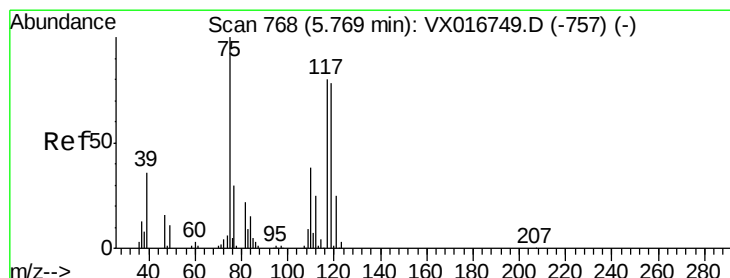
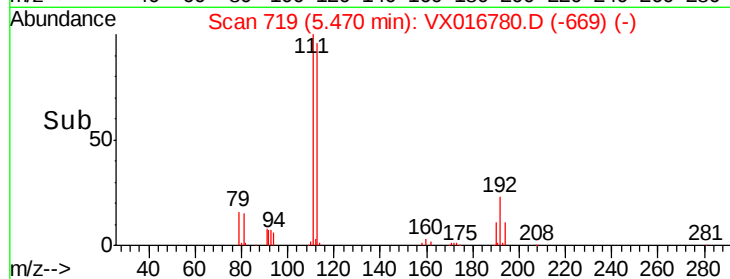
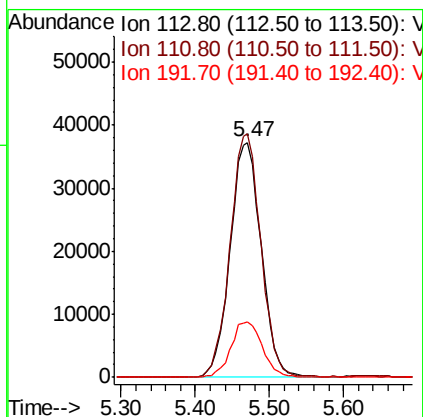
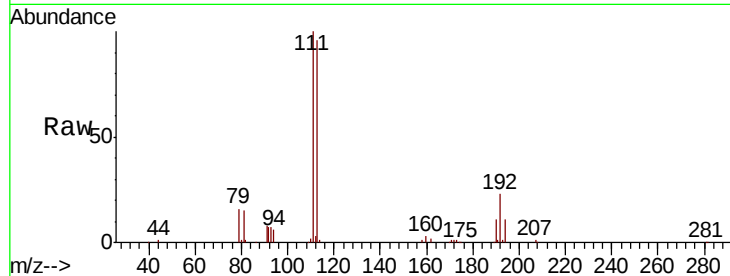




#35
 Dibromofluoromethane
 Concen: 48.228 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016780.D
 Acq: 16 Jun 2020 15:30

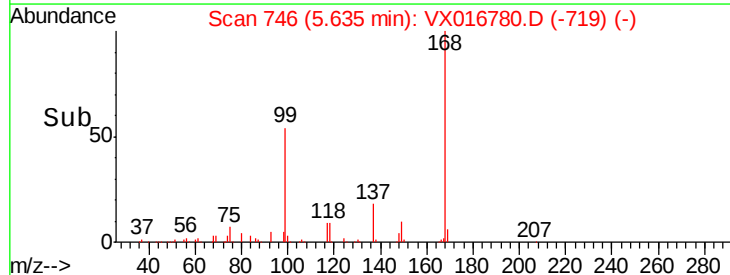
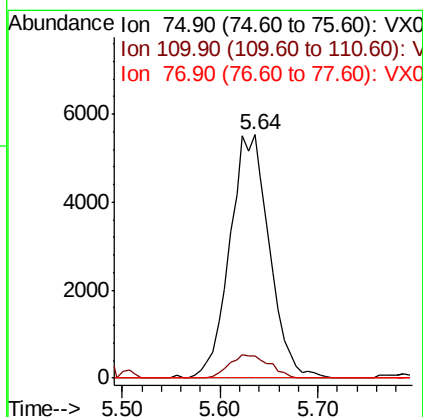
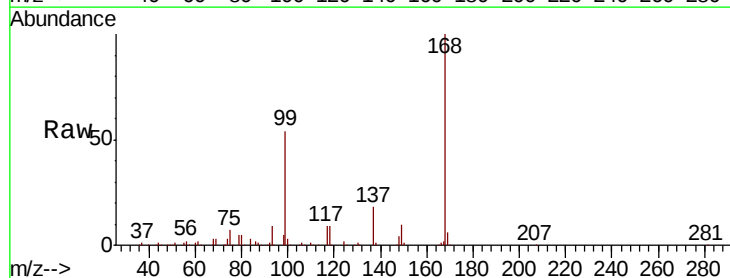
Instrument :
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 AOC50MW002-200610

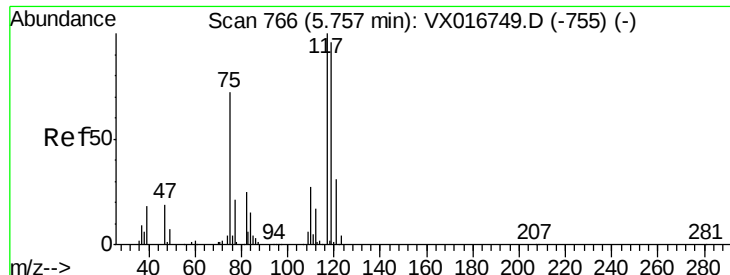
Tot Ion:113 Resp: 108841
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 23.9 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016780.D
 Acq: 16 Jun 2020 15:30

Tgt Ion: 75 Resp: 15521
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.4 55.2#
 77 0.0 24.7 37.1#

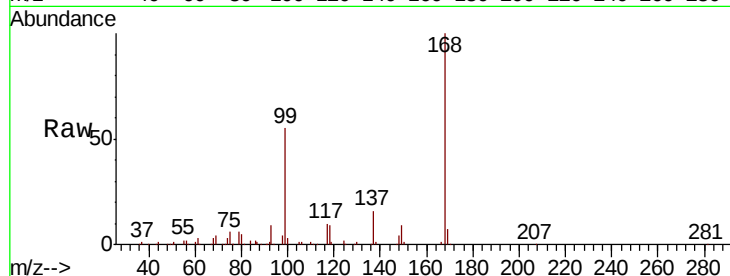




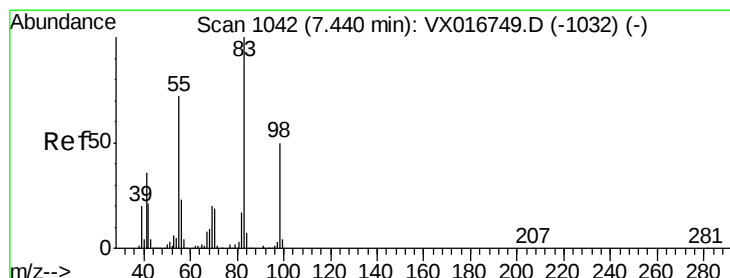
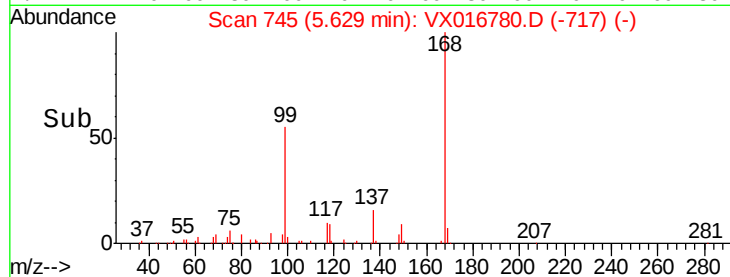
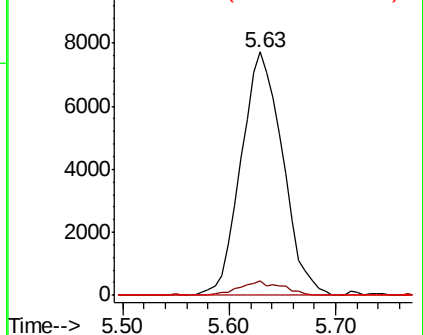
#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016780.D
Acq: 16 Jun 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
AOC50MW002-200610

Tot Ion:117 Resp: 21154
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 24.7 37.1#

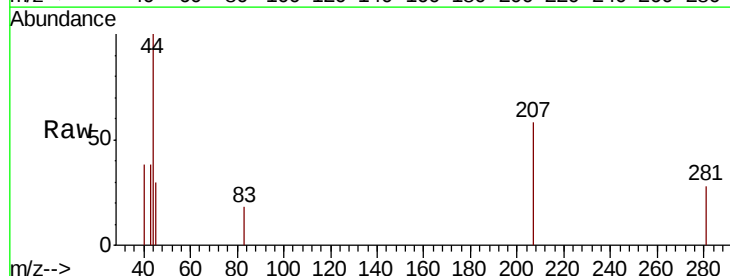


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

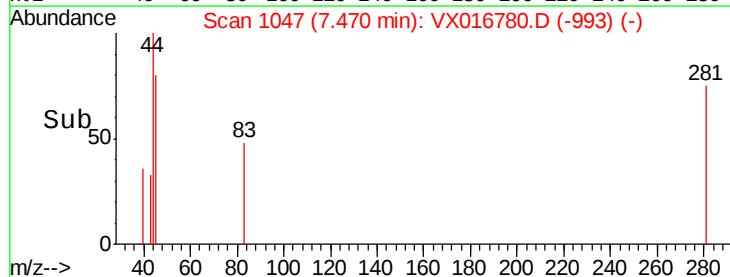
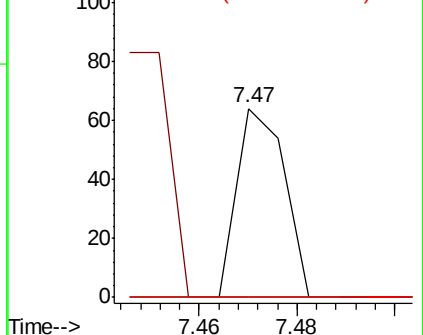


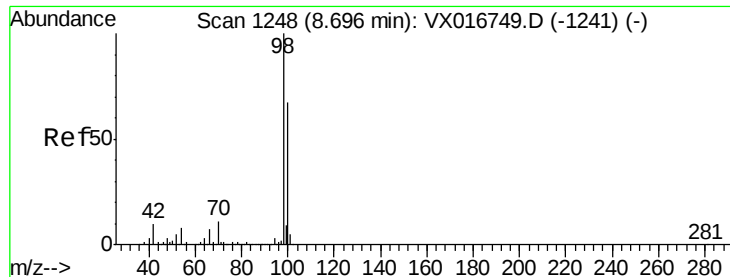
#39
Methylcyclohexane
Concen: 0.964 ug/l
RT: 7.47 min Scan# 1047
Delta R.T. 0.03 min
Lab File: VX016780.D
Acq: 16 Jun 2020 15:30

Tgt Ion: 83 Resp: 43
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 40.3 60.5#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 53.549 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

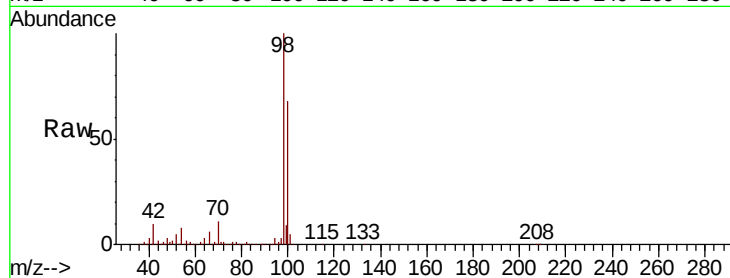
AOC50MW002-200610

Tot Ion: 98 Resp: 445602

Ion Ratio Lower Upper

98 100

100 67.0 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

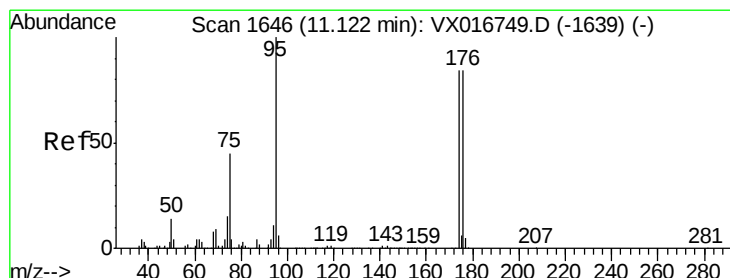
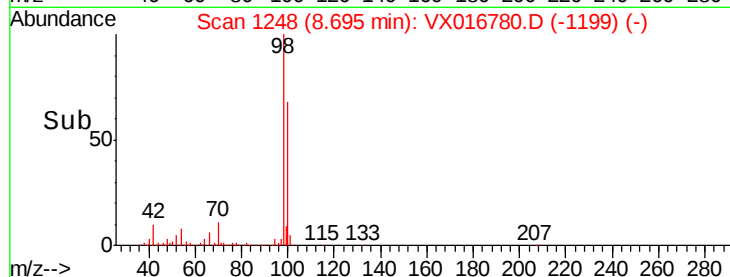
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.465 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

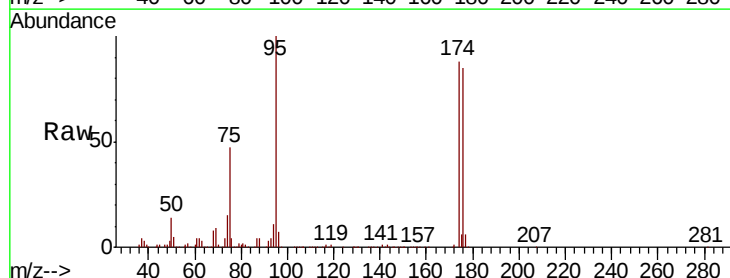
Tgt Ion: 95 Resp: 179723

Ion Ratio Lower Upper

95 100

174 86.9 0.0 171.0

176 85.1 0.0 166.2



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

200000

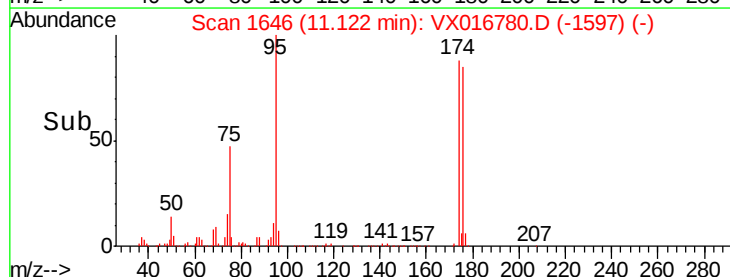
150000

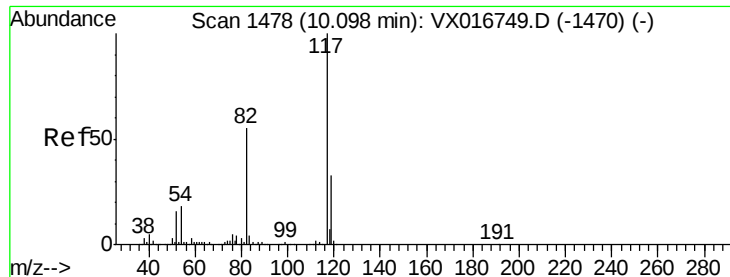
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Time-->

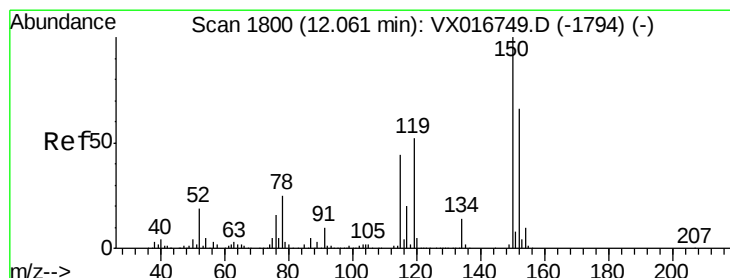
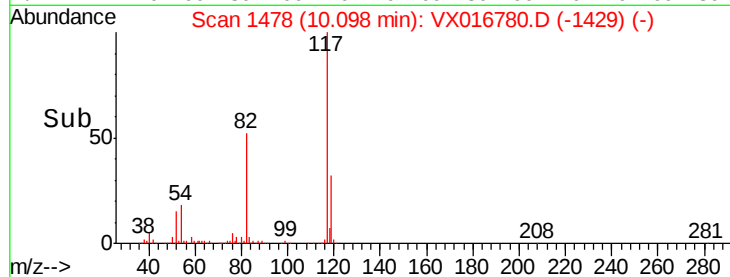
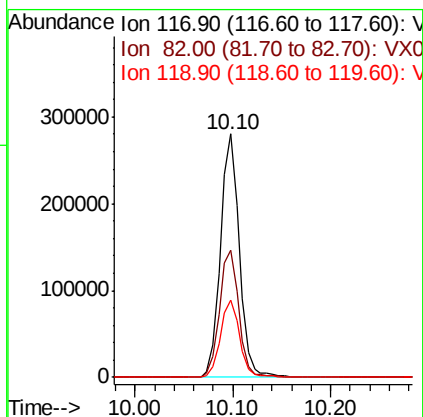
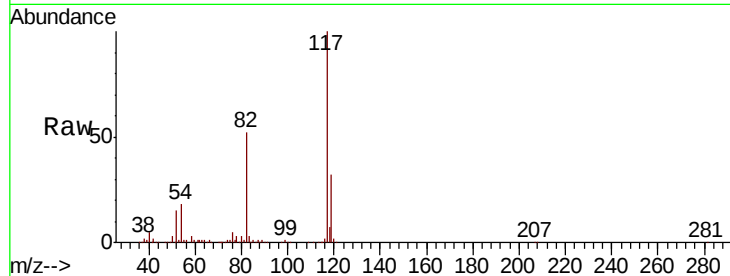




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016780.D
Acq: 16 Jun 2020 15:30

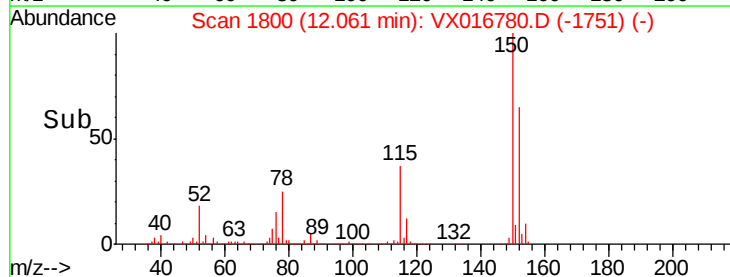
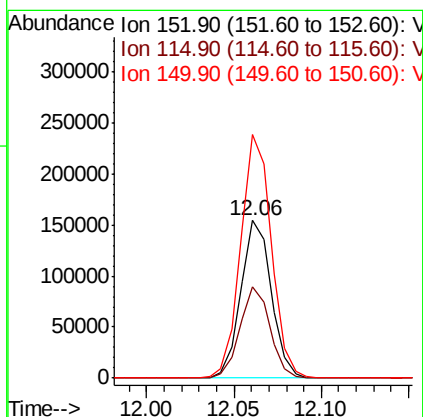
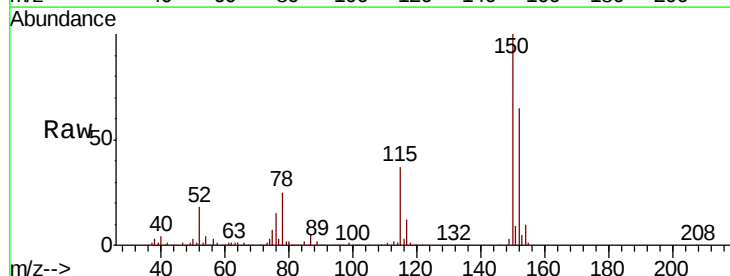
Instrument :
MSVOA_X
ClientSampleId :
AOC50MW002-200610

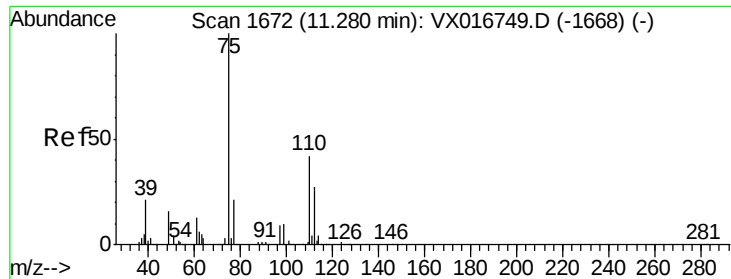
Tot Ion:117 Resp: 374813
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.6
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016780.D
Acq: 16 Jun 2020 15:30

Tgt Ion:152 Resp: 186894
Ion Ratio Lower Upper
152 100
115 57.1 40.3 120.8
150 155.4 0.0 337.4





#76

1,2,3-Trichloropropane

Concen: 21.700 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

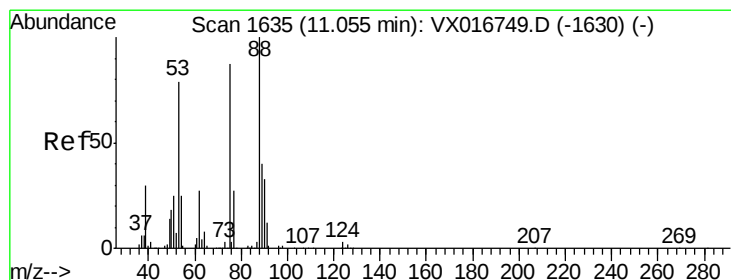
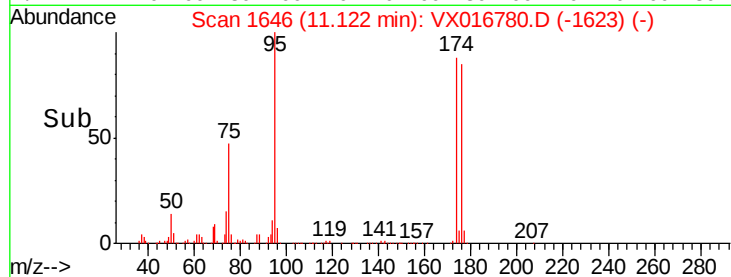
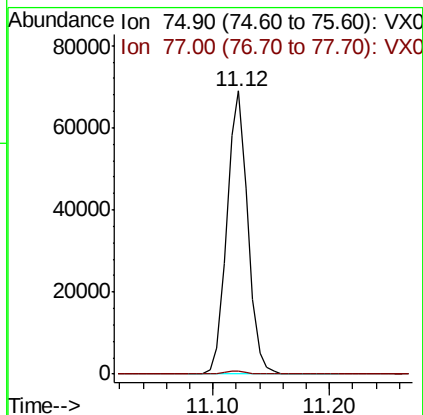
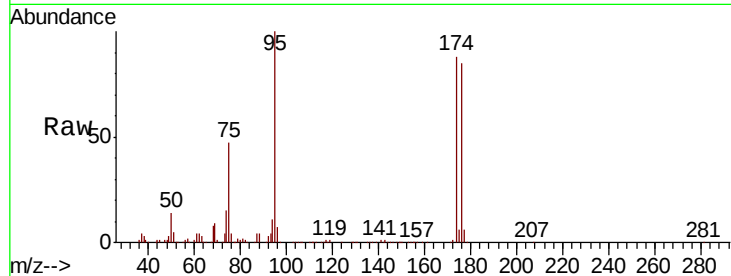
AOC50MW002-200610

Tot Ion: 75 Resp: 85286

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.628 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Tgt Ion: 75 Resp: 85286

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.0#

89 0.0 39.1 58.7#

