

Data File : VX016716.D
Acq On : 11 Jun 2020 19:43
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 12 07:00:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	206183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	330090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	123090	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.46	113	104077	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.70	98	406800	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.12	95	165092	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

Target Compounds

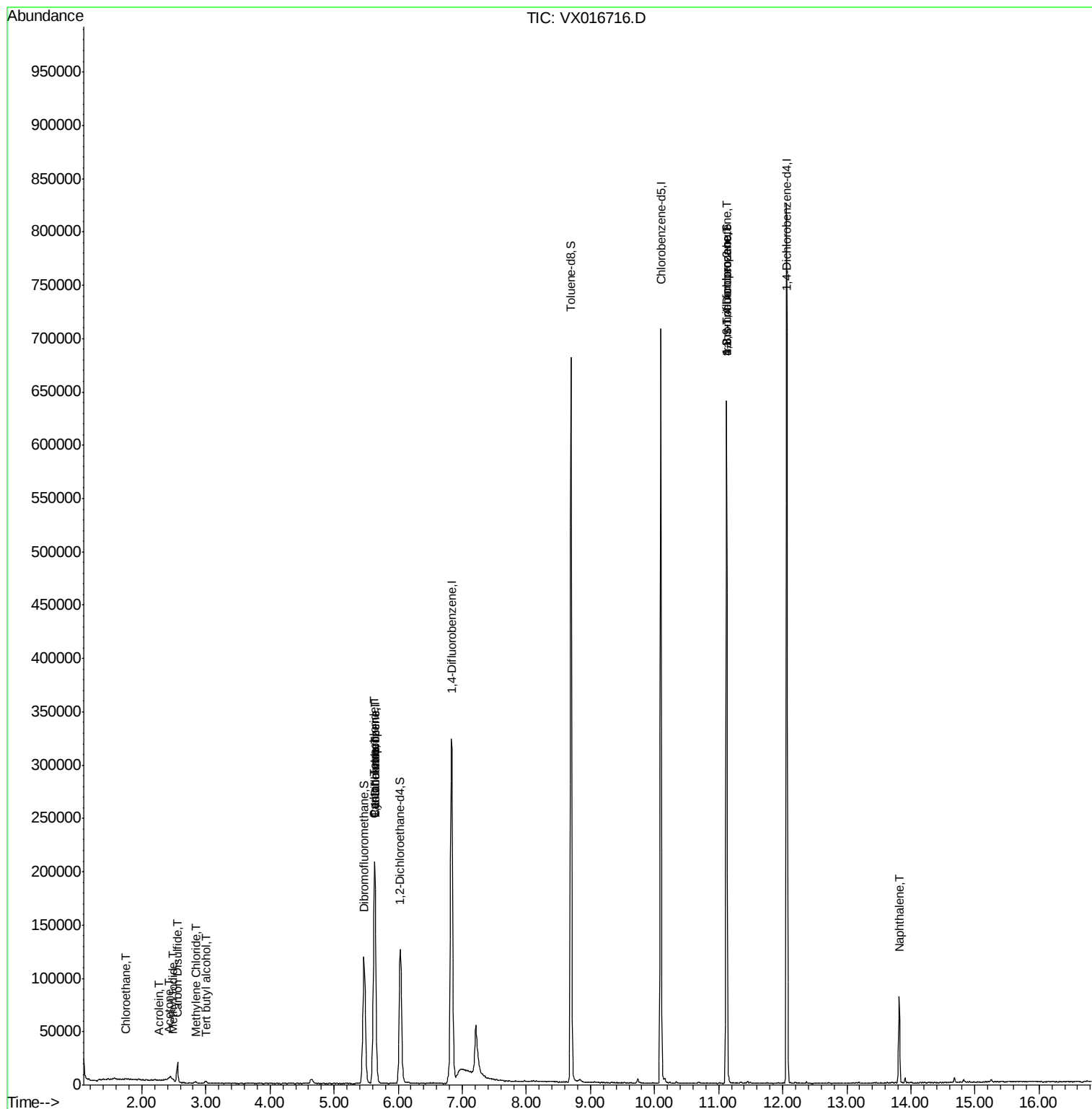
						Qvalue
6) Chloroethane	1.75	64	745	0.493	ug/l #	41
10) Methyl Iodide	2.48	142	27	3.067	ug/l #	40
11) Tert butyl alcohol	3.00	59	1382	2.105	ug/l #	72
13) Acrolein	2.27	56	78	0.279	ug/l #	13
16) Acetone	2.42	43	715	0.637	ug/l #	78
17) Carbon Disulfide	2.55	76	23758	4.033	ug/l	95
20) Methylene Chloride	2.84	84	690	0.297	ug/l #	84
31) Cyclohexane	5.64	56	3486	0.980	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14549	4.655	ug/l #	46
38) Carbon Tetrachloride	5.62	117	19834	6.039	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	78811	20.573	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	78811	50.607	ug/l #	14
95) Naphthalene	13.82	128	49742	4.110	ug/l	99

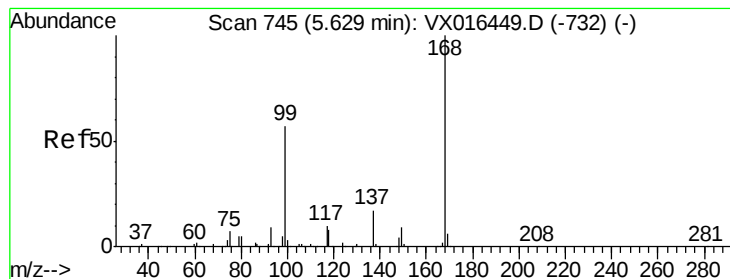
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

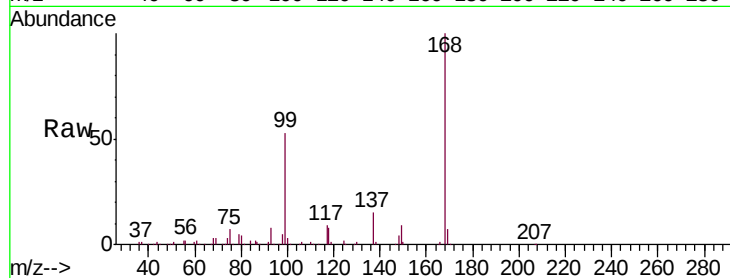
IBLK

Tgt Ion:168 Resp: 206183

Ion Ratio Lower Upper

168 100

99 52.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

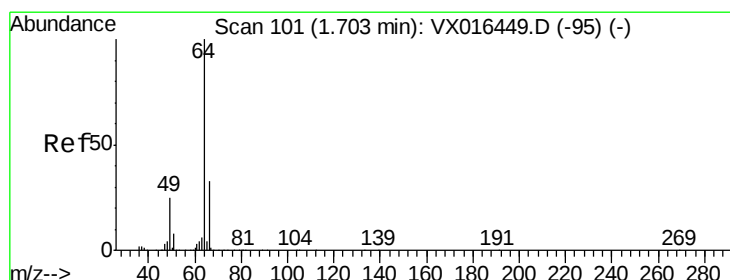
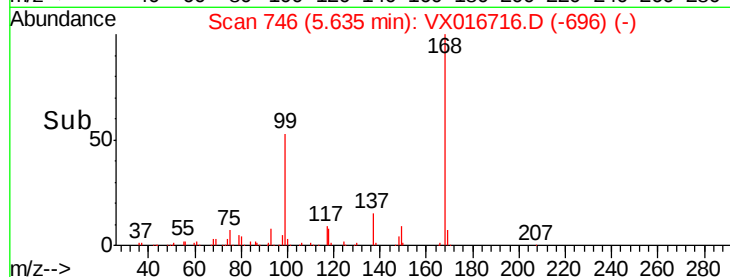
40000

20000

0

Time-->

5.50 5.60 5.70



#6

Chloroethane

Concen: 0.493 ug/l

RT: 1.75 min Scan# 108

Delta R.T. 0.04 min

Lab File: VX016716.D

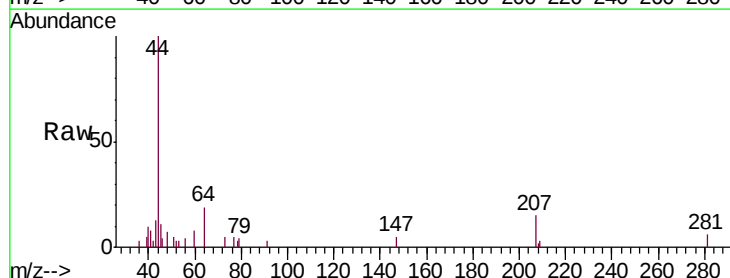
Acq: 11 Jun 2020 19:43

Tgt Ion: 64 Resp: 745

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

500

400

300

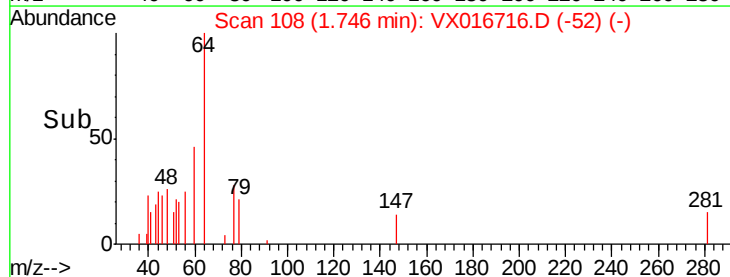
200

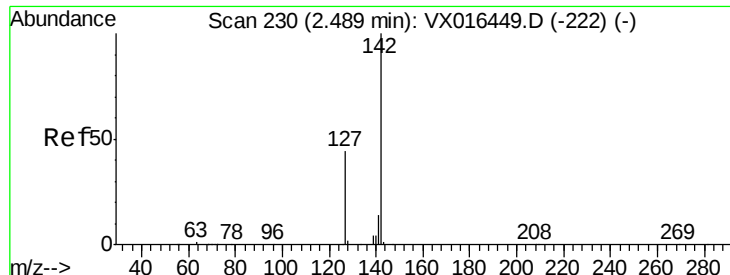
100

0

Time-->

1.70 1.75

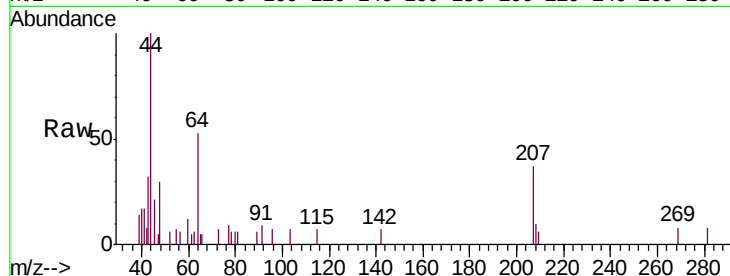




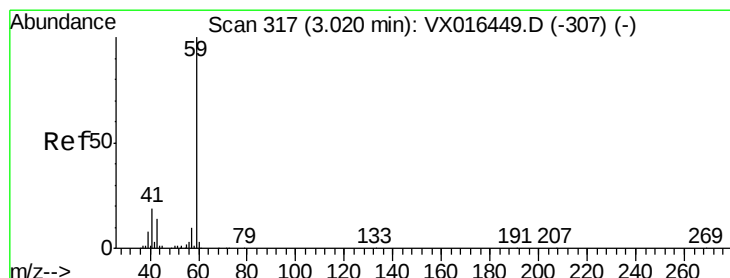
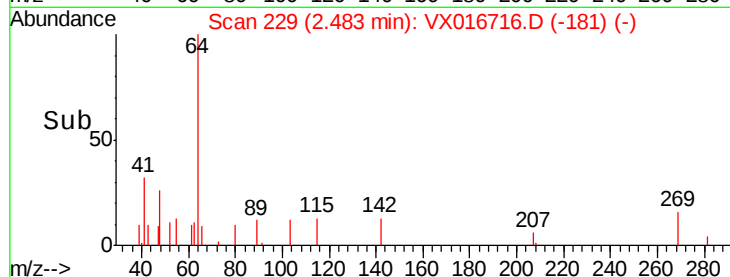
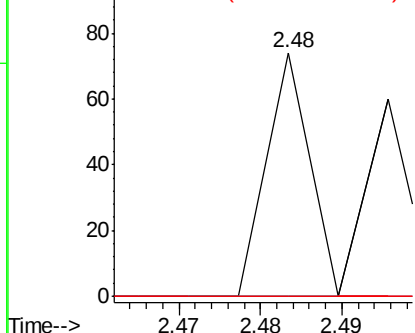
#10
Methyl Iodide
Concen: 3.067 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

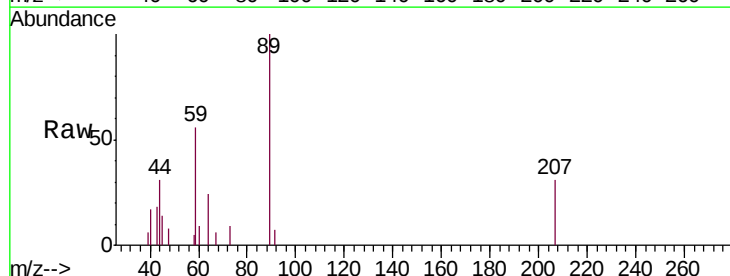


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

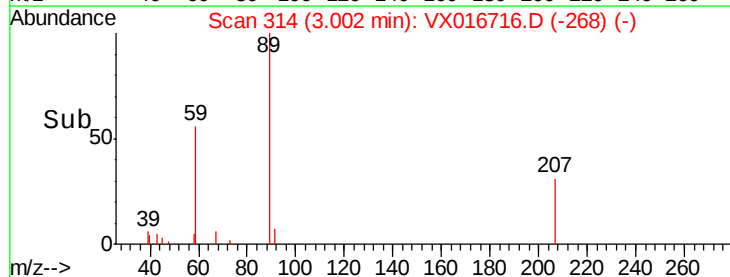
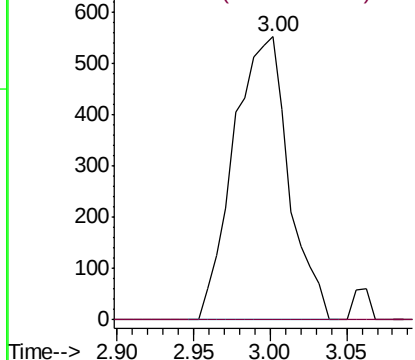


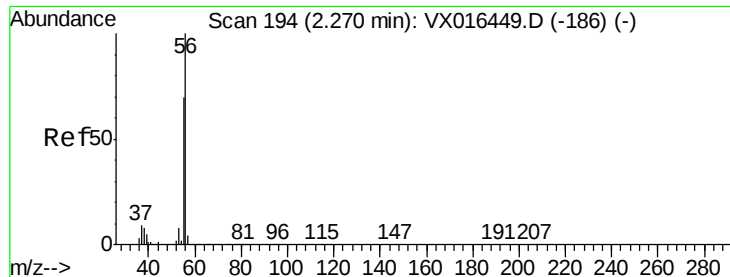
#11
Tert butyl alcohol
Concen: 2.105 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Tgt Ion: 59 Resp: 1382
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.279 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

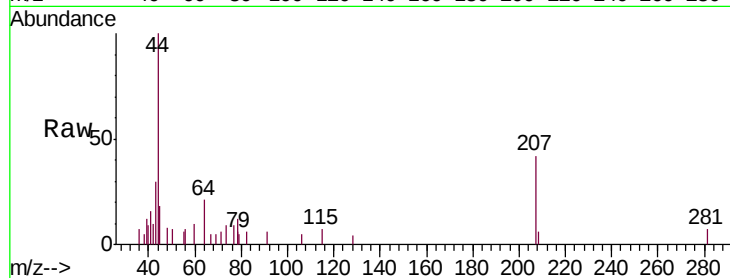
IBLK

Tgt Ion: 56 Resp: 78

Ion Ratio Lower Upper

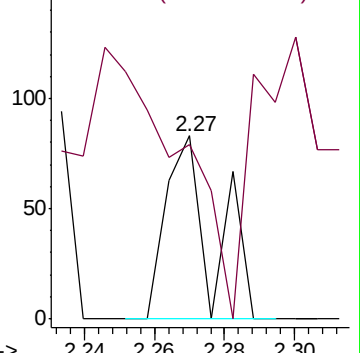
56 100

55 0.0 58.3 87.5#

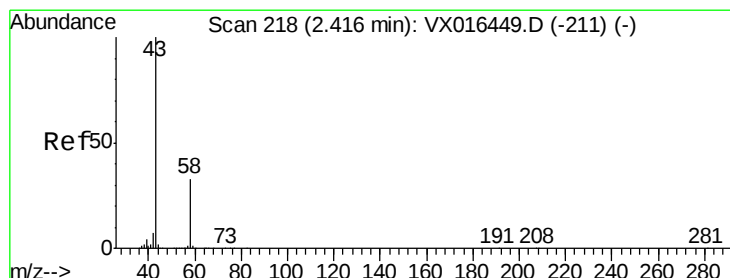
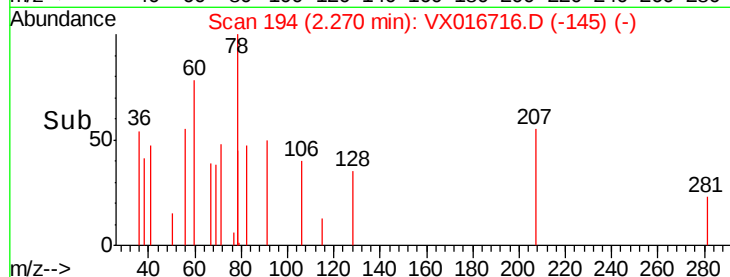


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.637 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016716.D

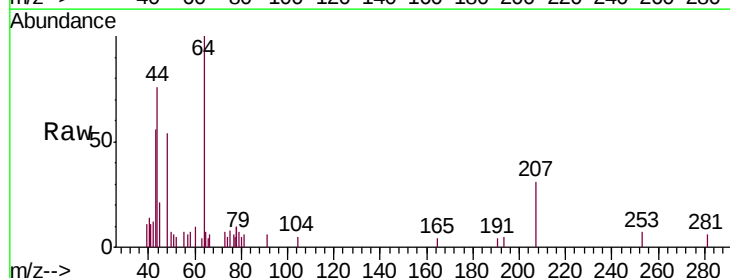
Acq: 11 Jun 2020 19:43

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

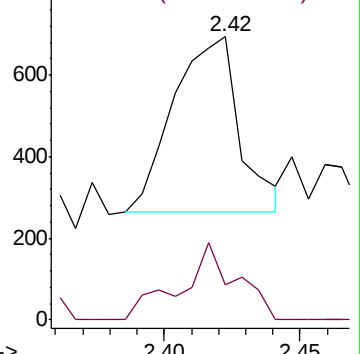
43 100

58 20.1 26.1 39.1#

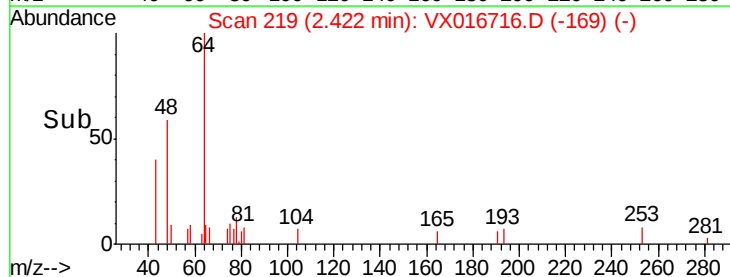


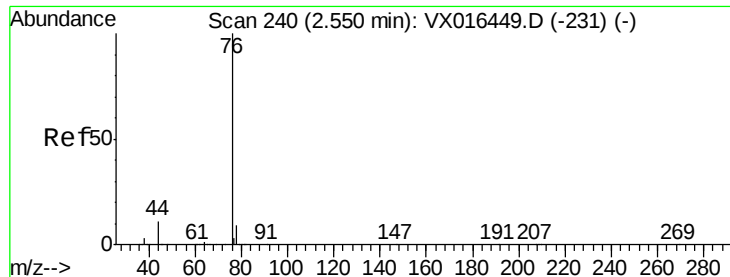
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

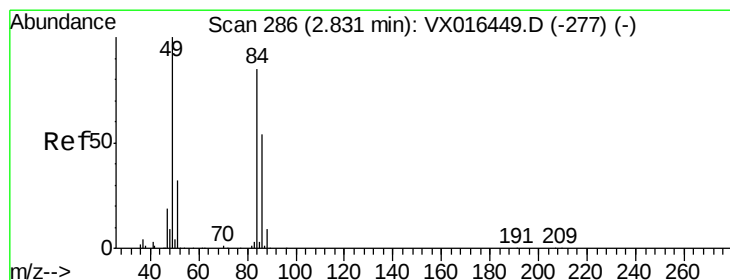
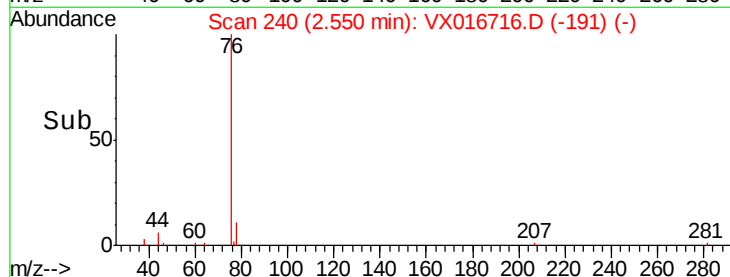
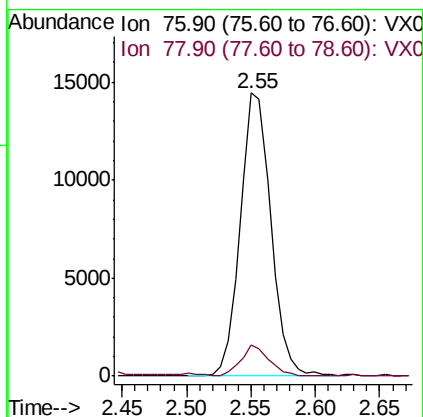
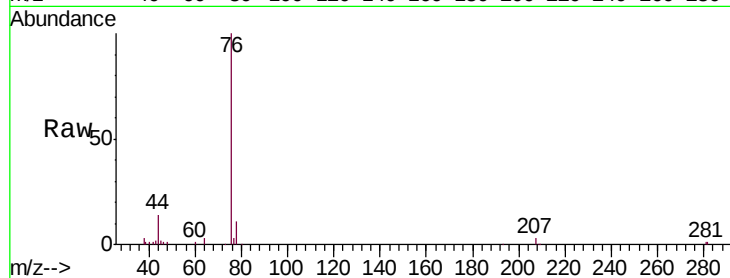




#17
Carbon Disulfide
Concen: 4.033 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

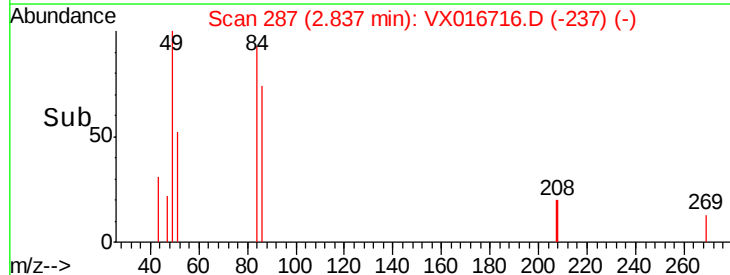
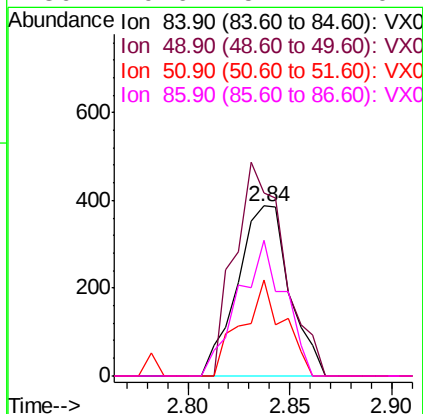
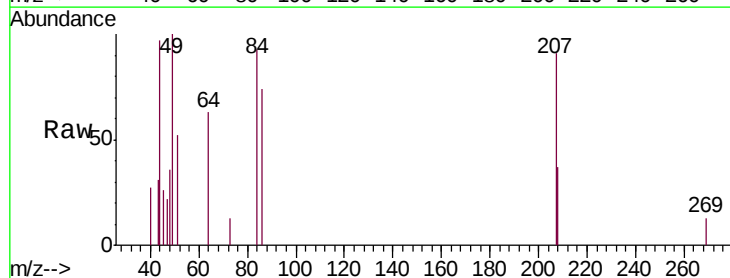
Instrument :
MSVOA_X
ClientSampleId :
IBLK

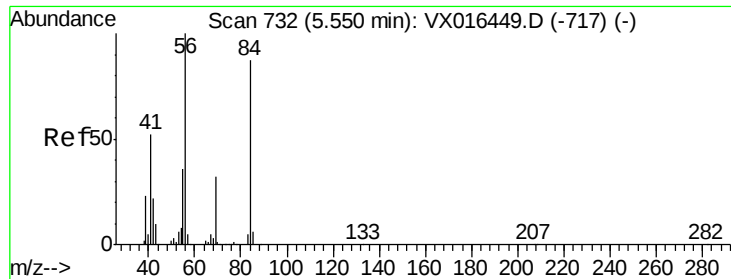
Tgt Ion: 76 Resp: 23758
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 108.0 94.5 141.7
51 56.3 30.2 45.4#
86 79.6 51.1 76.7#

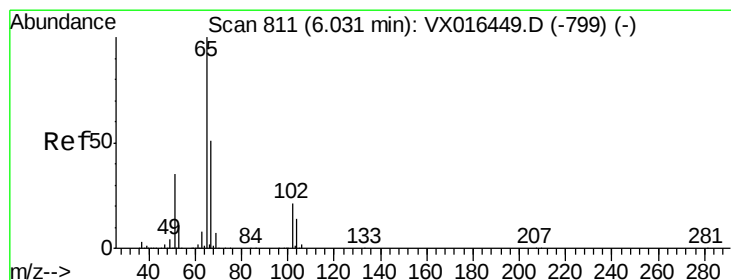
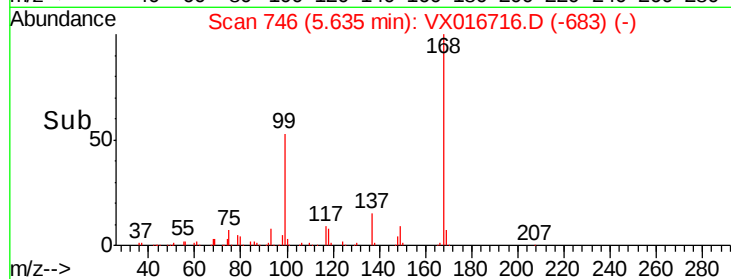
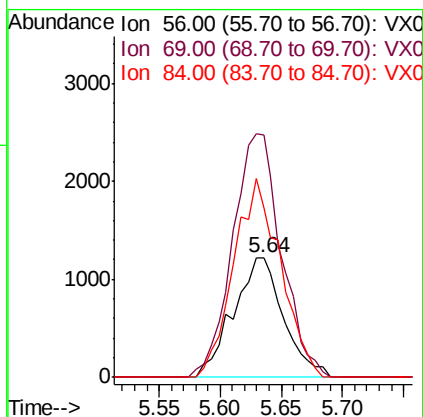
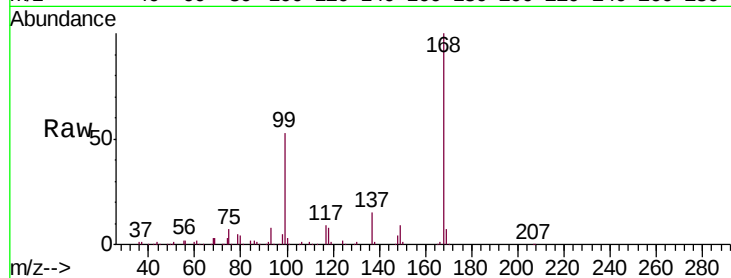




#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

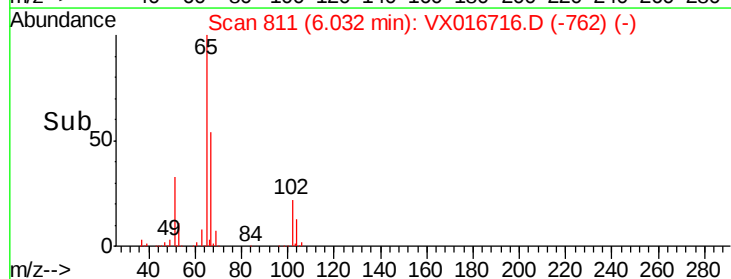
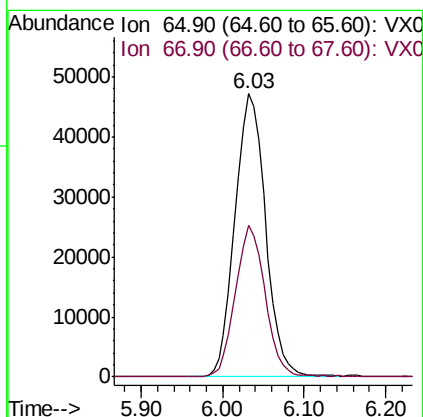
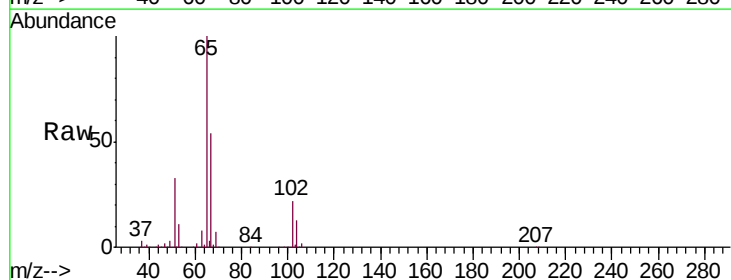
Instrument :
MSVOA_X
ClientSampleId :
IBLK

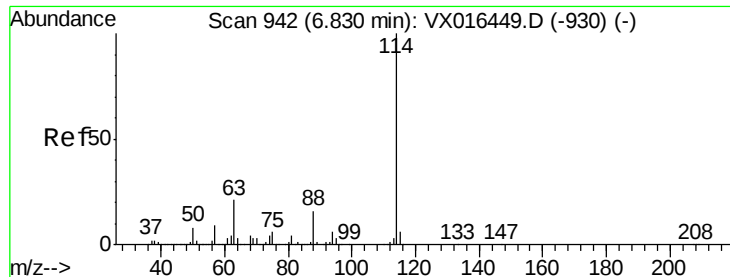
Tgt Ion: 56 Resp: 3486
Ion Ratio Lower Upper
56 100
69 201.7 25.7 38.5#
84 141.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.072 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Tgt Ion: 65 Resp: 123090
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

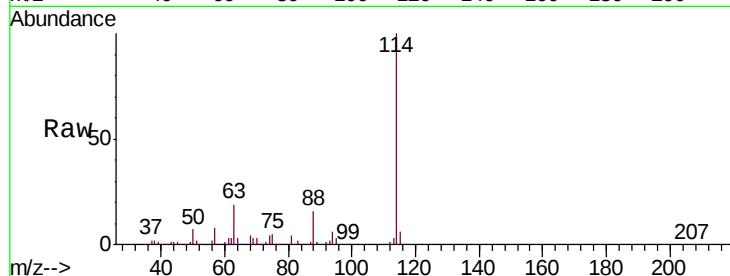
Tgt Ion:114 Resp: 330090

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

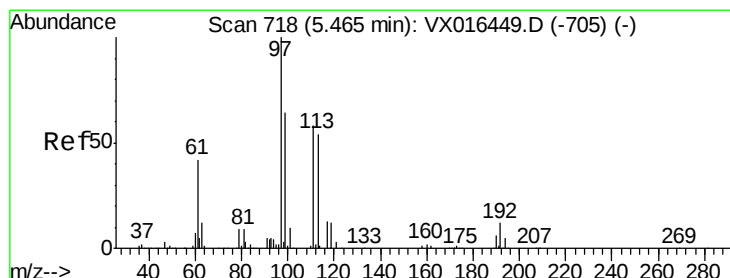
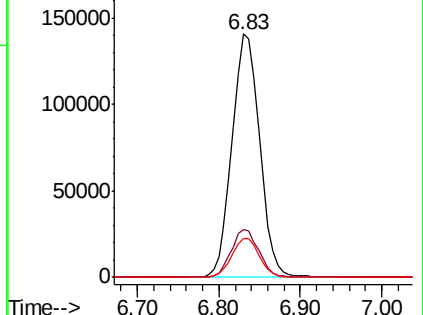
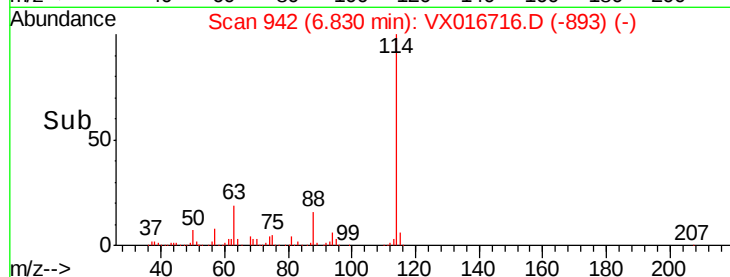
88 15.8 0.0 32.8



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: 51.206 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

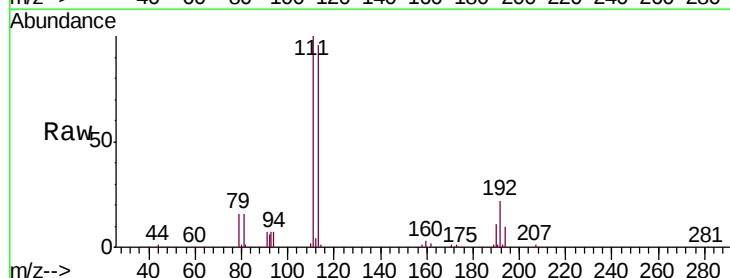
Tgt Ion:113 Resp: 104077

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

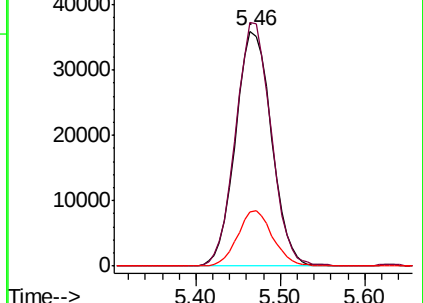
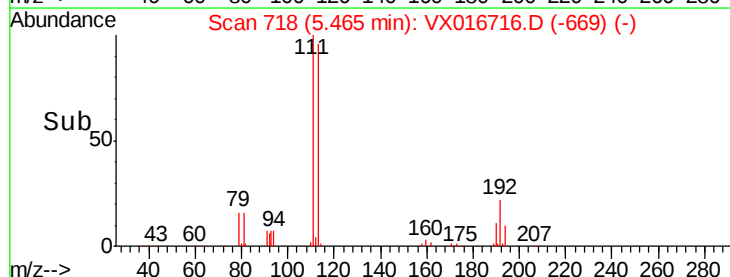
192 22.8 17.7 26.5

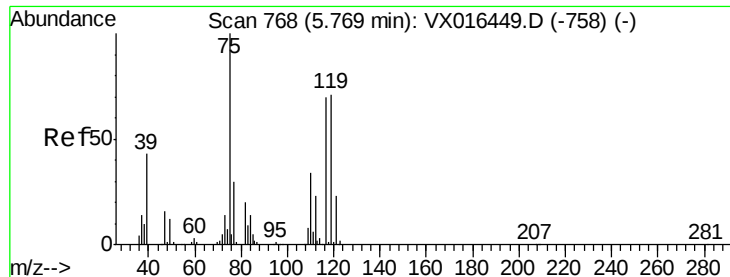


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

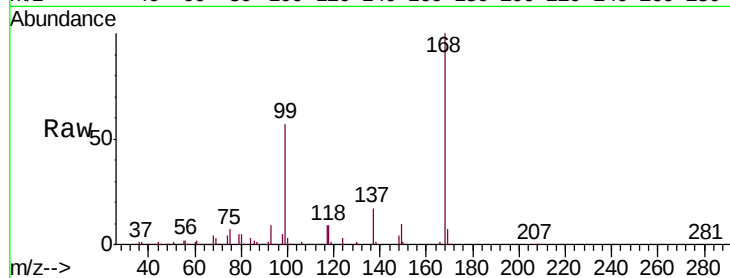
Tgt Ion: 75 Resp: 14549

Ion Ratio Lower Upper

75 100

110 4.9 17.4 52.3#

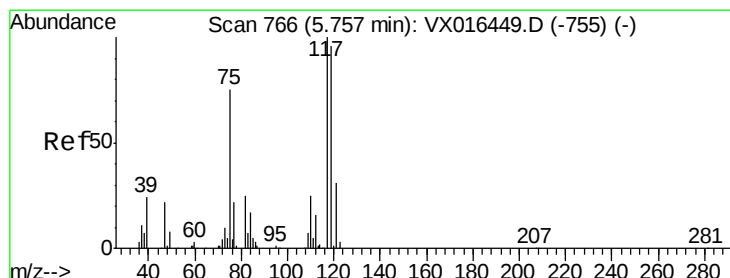
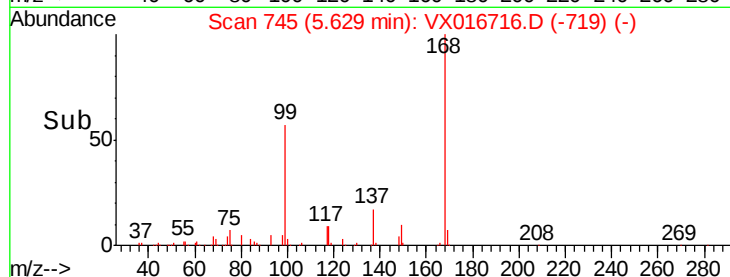
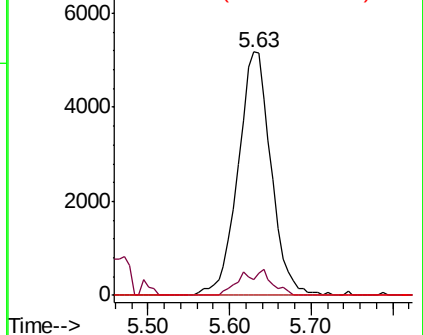
77 0.0 24.2 36.4#



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: 6.039 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

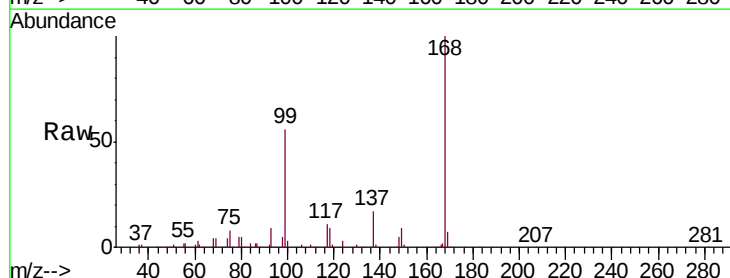
Tgt Ion: 117 Resp: 19834

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

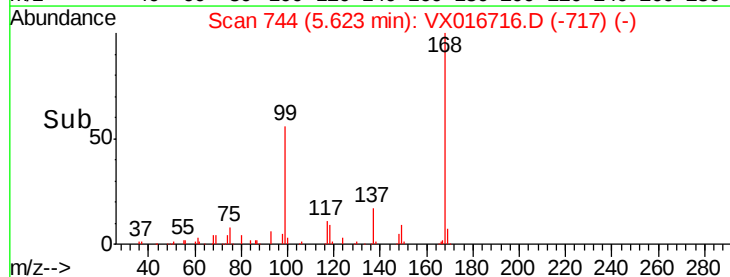
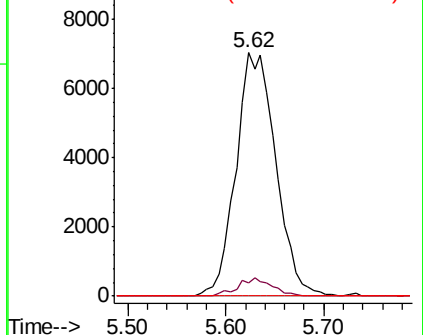
121 0.0 24.6 37.0#

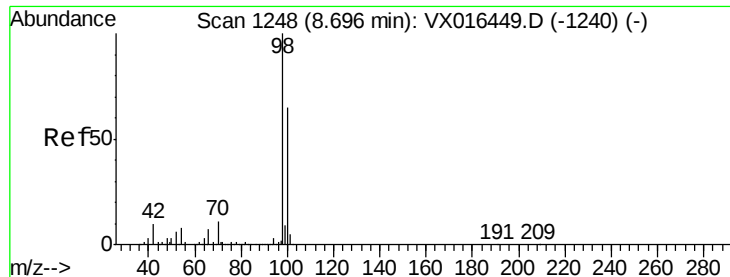


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

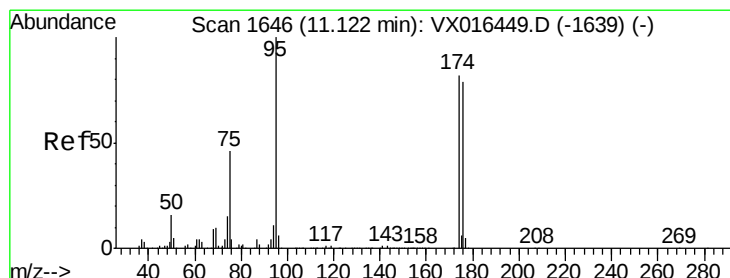
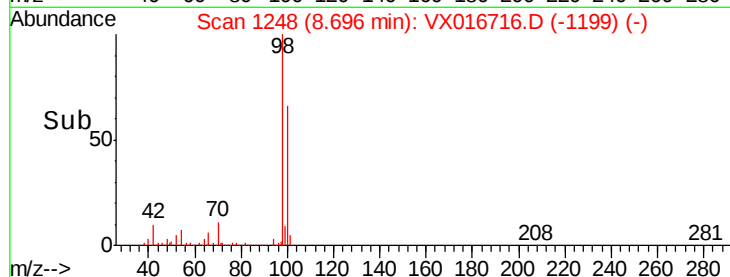
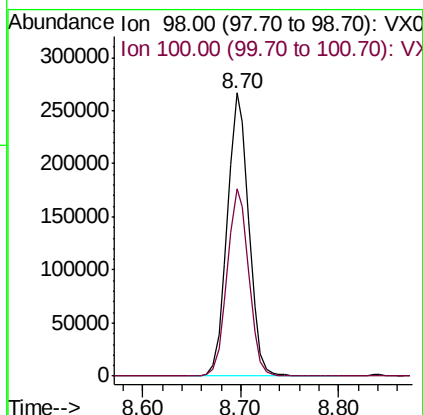
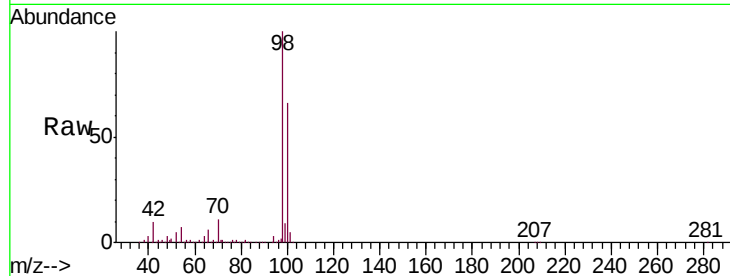




#50
Toluene-d8
Concen: 51.422 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

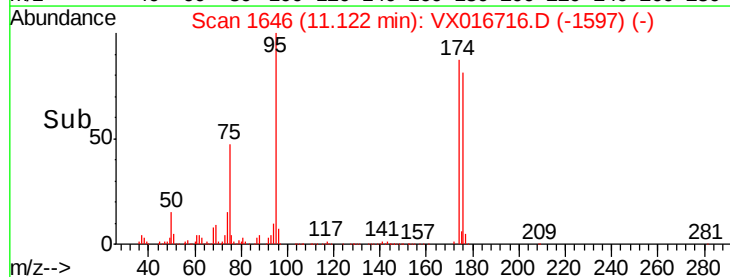
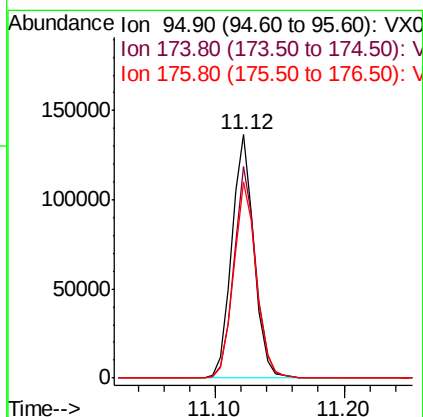
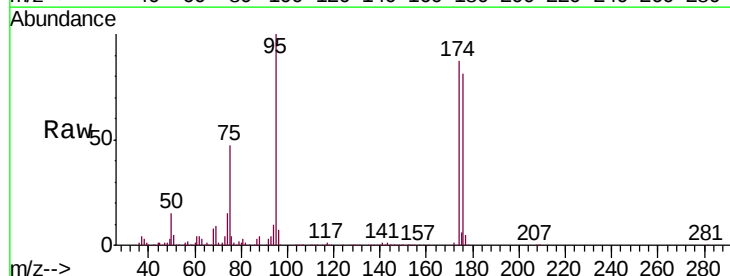
Instrument :
MSVOA_X
ClientSampleId :
IBLK

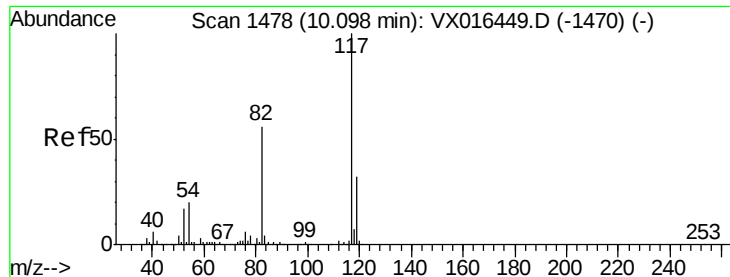
Tgt Ion: 98 Resp: 406800
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.008 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Tgt Ion: 95 Resp: 165092
Ion Ratio Lower Upper
95 100
174 86.1 0.0 163.0
176 81.7 0.0 156.8

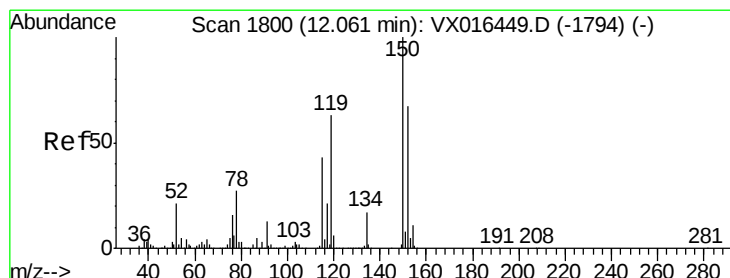
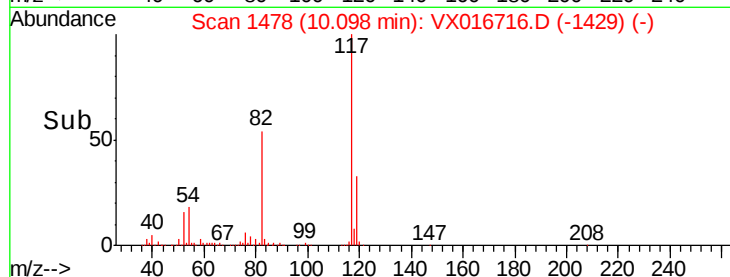
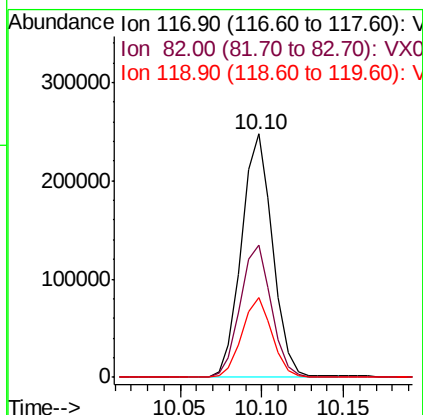
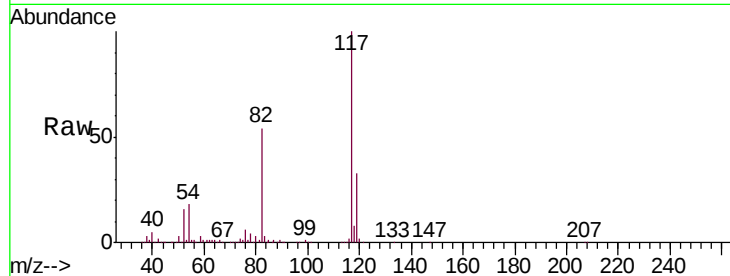




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

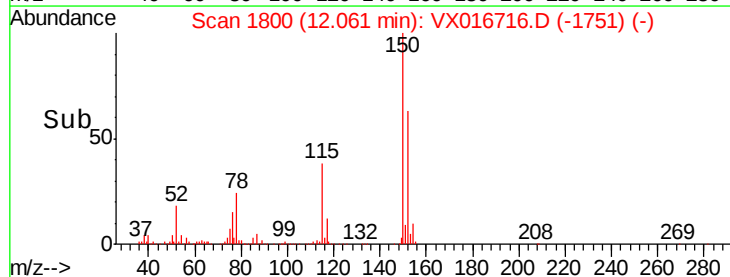
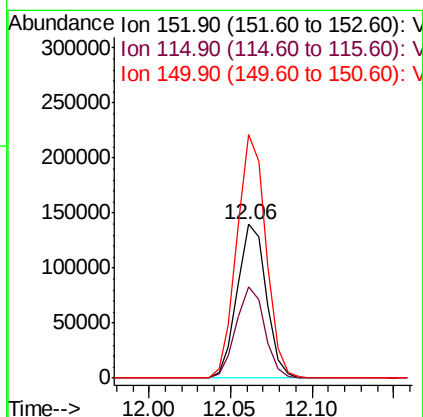
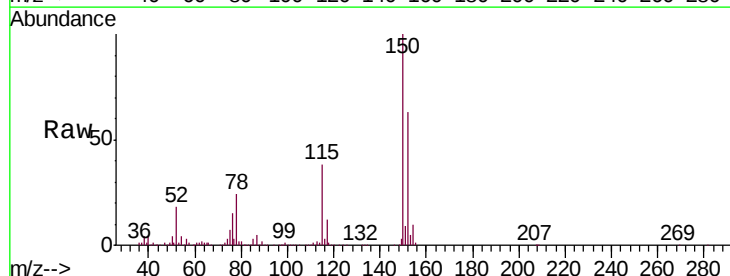
Instrument :
MSVOA_X
ClientSampleId :
IBLK

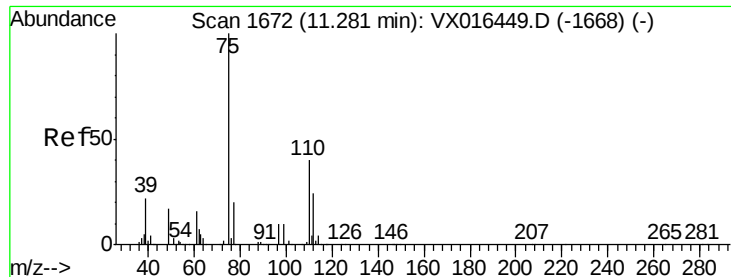
Tgt Ion:117 Resp: 330484
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016716.D
Acq: 11 Jun 2020 19:43

Tgt Ion:152 Resp: 174280
Ion Ratio Lower Upper
152 100
115 58.2 39.9 119.6
150 157.9 0.0 341.0

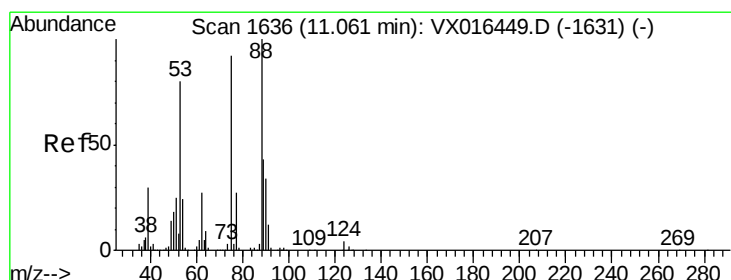
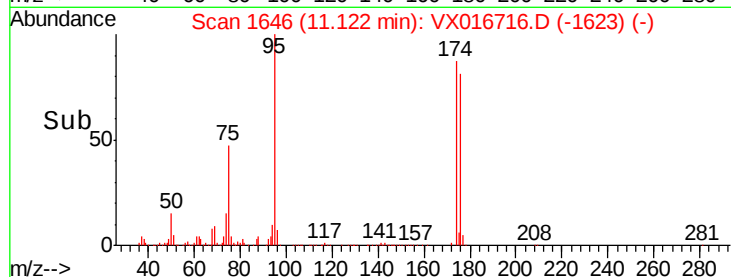
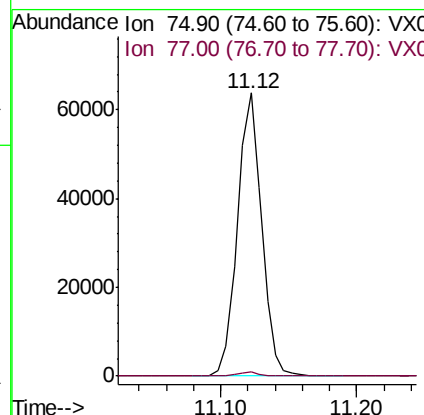
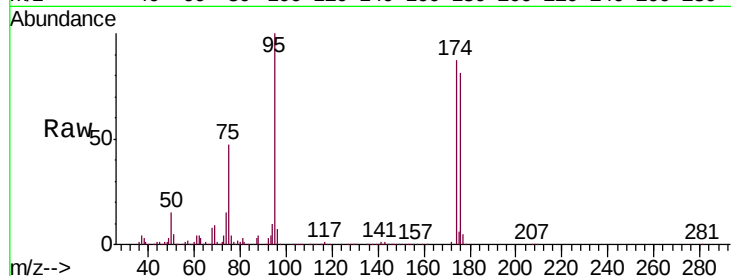




#76
 1,2,3-Trichloropropane
 Concen: 20.573 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016716.D
 Acq: 11 Jun 2020 19:43

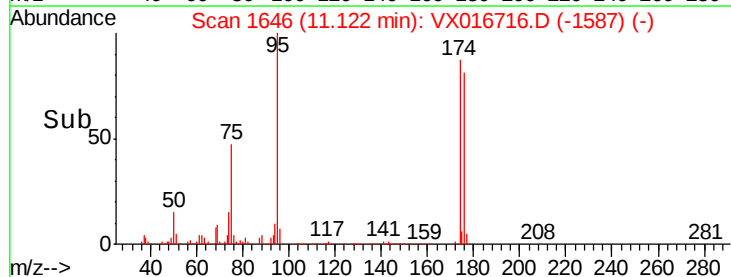
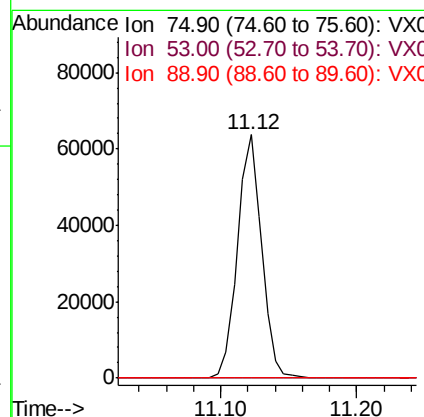
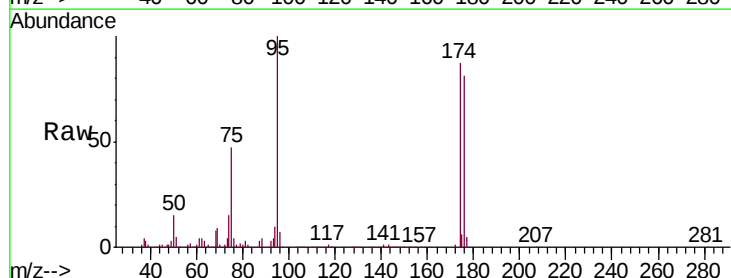
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

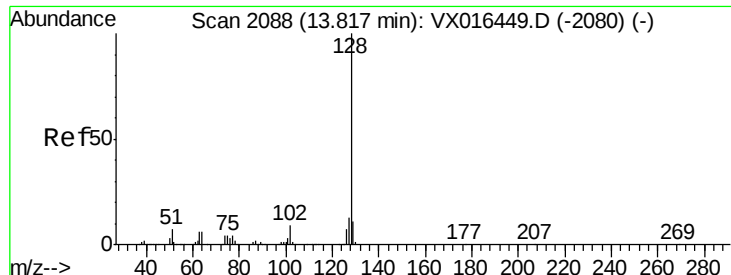
Tgt Ion: 75 Resp: 78811
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.607 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016716.D
 Acq: 11 Jun 2020 19:43

Tgt Ion: 75 Resp: 78811
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.3 106.9#
 89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 4.110 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016716.D

Acq: 11 Jun 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

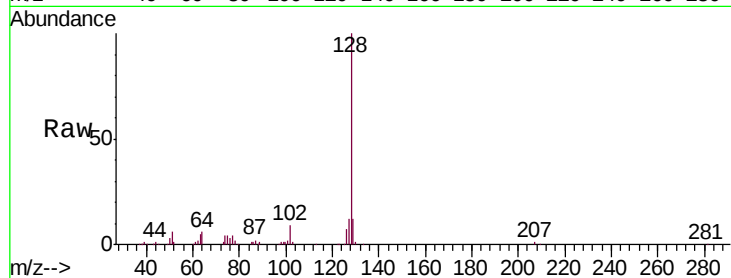
Tgt Ion:128 Resp: 49742

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

