

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010016.D
 Acq On : 01 Jun 2019 04:28
 Operator : JC/SP
 Sample : K3129-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0526-190528

Quant Time: Jun 01 06:19:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111109	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	115956	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	5.50	113	85412	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	349886	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	121247	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	

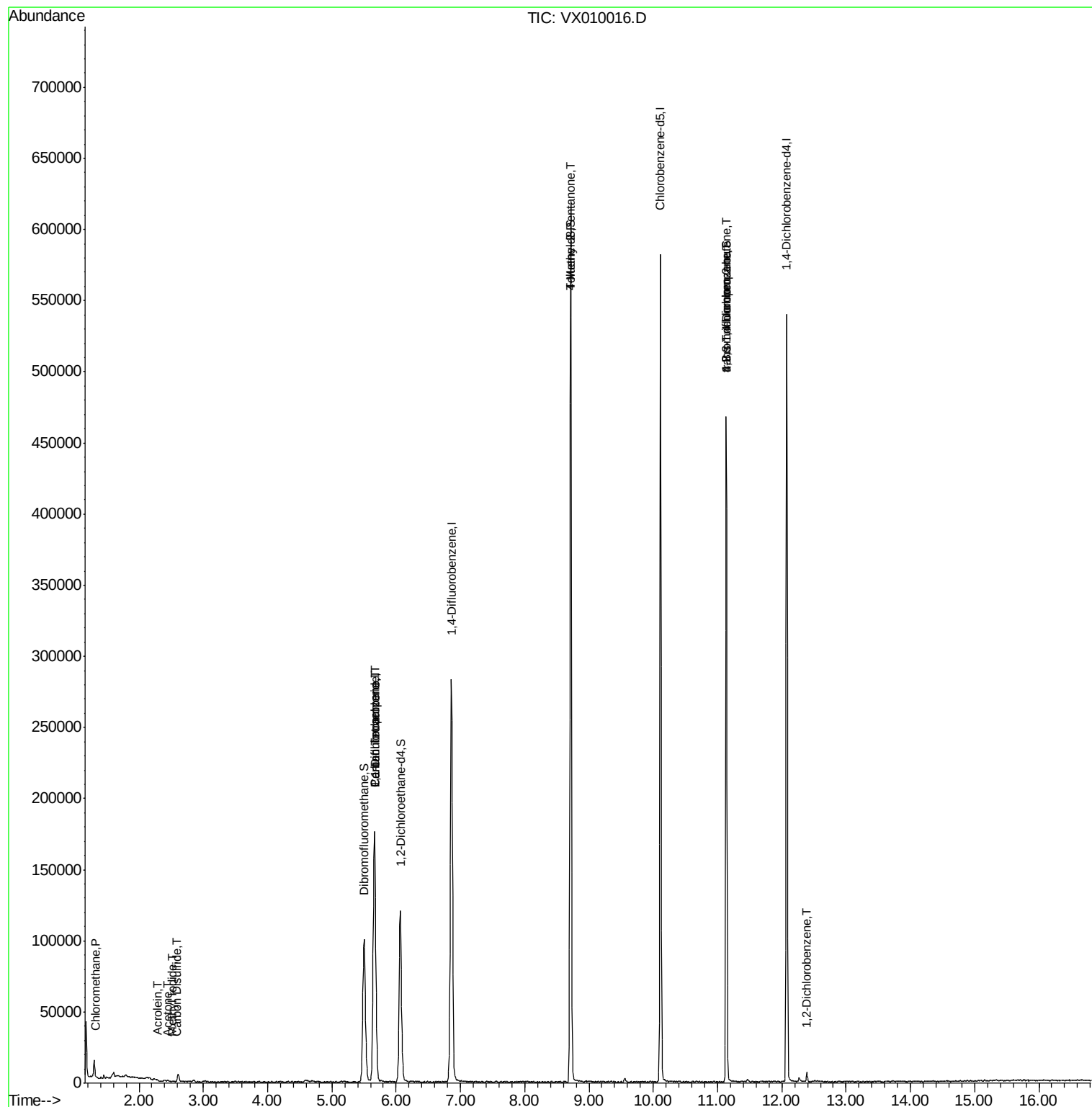
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	650	0.226	ug/l #	78
10) Methyl Iodide	2.51	142	20	4.665	ug/l #	42
13) Acrolein	2.29	56	222	21.569	ug/l	92
16) Acetone	2.45	43	1035	0.726	ug/l #	71
17) Carbon Disulfide	2.57	76	562	0.489	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	13497	4.786	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16156	6.630	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	2005	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61767	23.247	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61767	57.517	ug/l #	10
91) 1,2-Dichlorobenzene	12.39	146	1829	0.499	ug/l	98

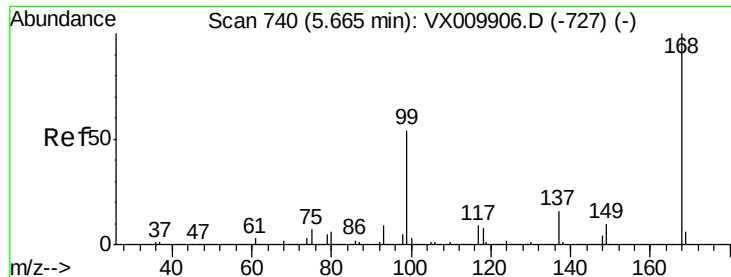
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053119\
Data File : VX010016.D
Acq On : 01 Jun 2019 04:28
Operator : JC/SP
Sample : K3129-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0526-190528

Quant Time: Jun 01 06:19:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

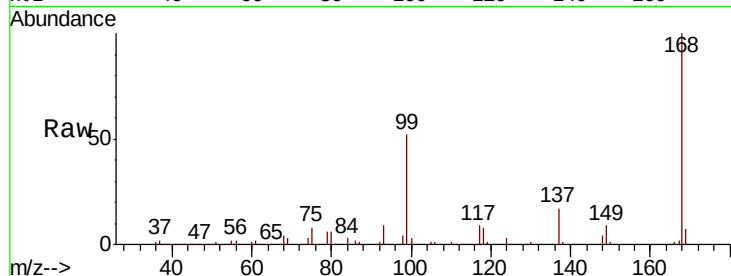
DUP-0526-190528

Tot Ion:168 Resp: 174689

Ion Ratio Lower Upper

168 100

99 51.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

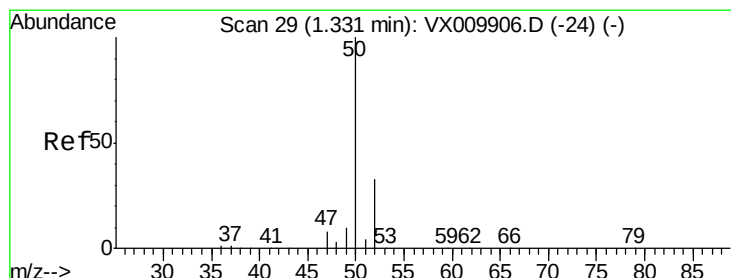
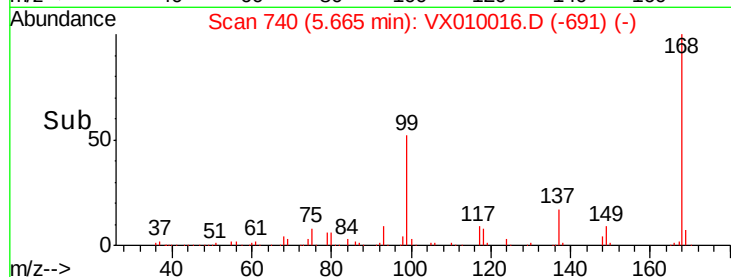
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.226 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010016.D

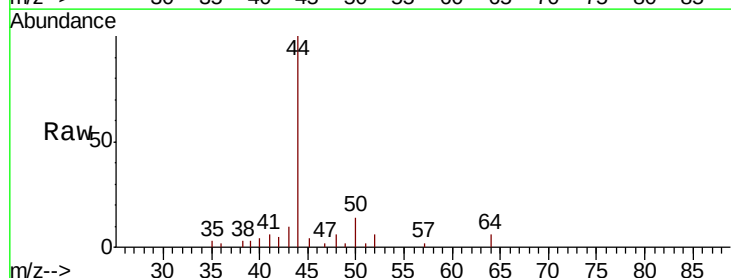
Acq: 01 Jun 2019 04:28

Tgt Ion: 50 Resp: 650

Ion Ratio Lower Upper

50 100

52 45.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

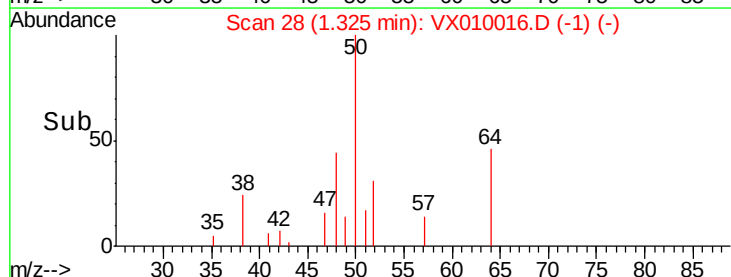
300

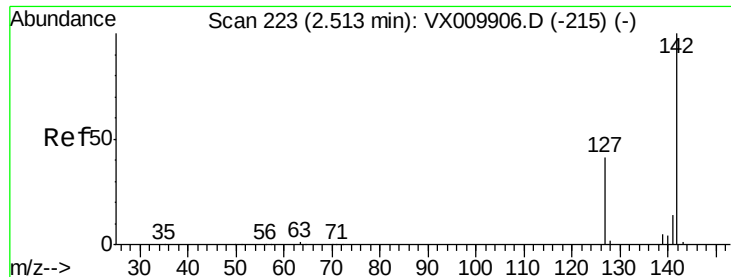
200

100

0

Time--> 1.25 1.30 1.35

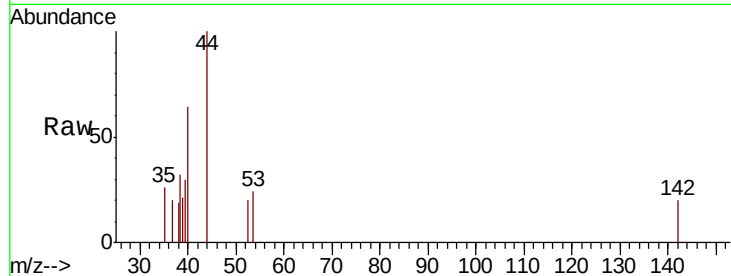




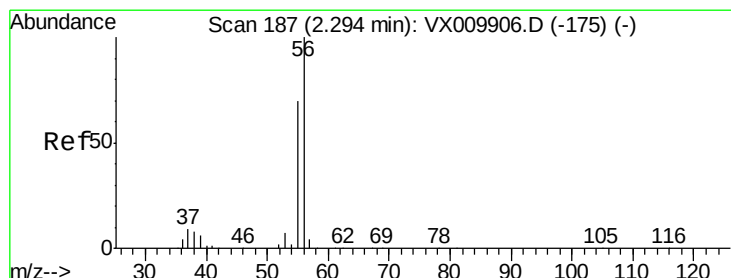
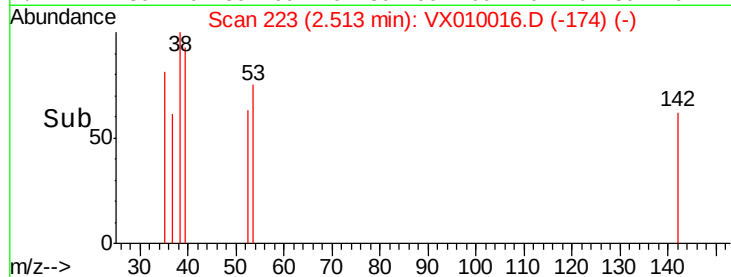
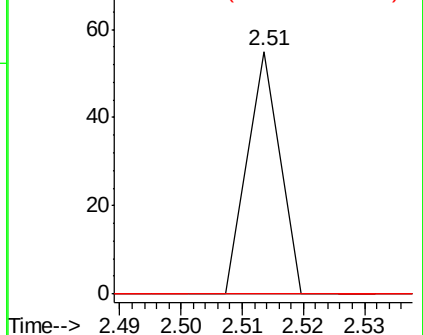
#10
Methvl Iodide
Concen: 4.665 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-0526-190528

Tot Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.4#
141 0.0 11.4 17.0#

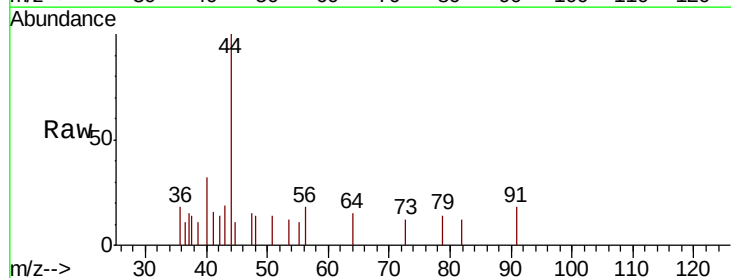


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

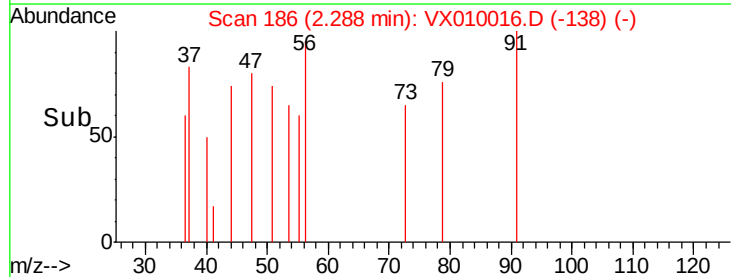
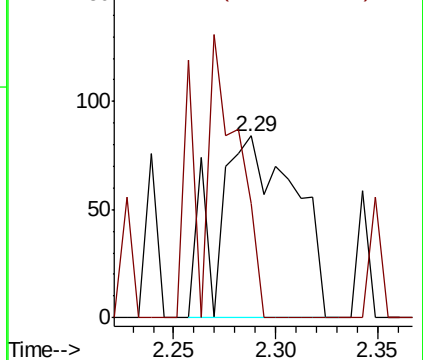


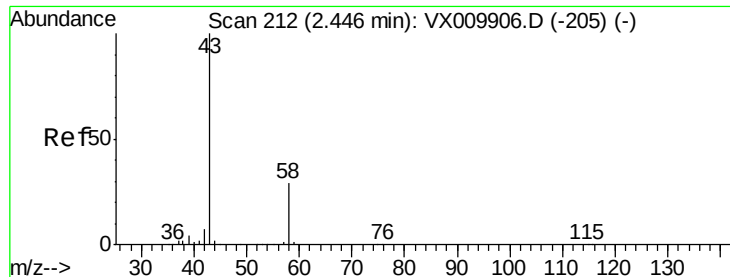
#13
Acrolein
Concen: 21.569 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 77.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.726 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

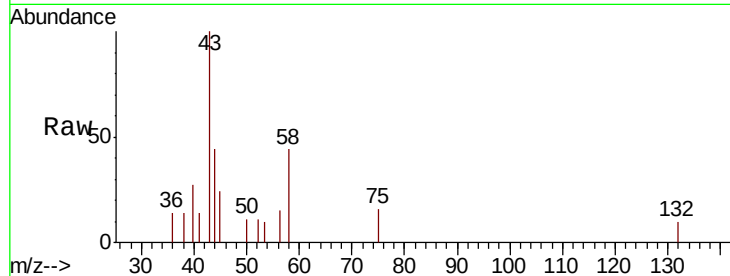
DUP-0526-190528

Tot Ion: 43 Resp: 1035

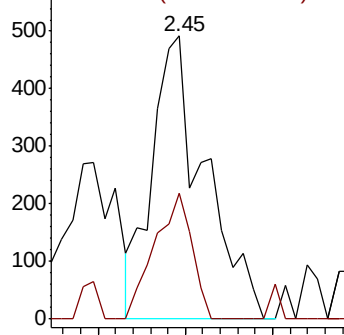
Ion Ratio Lower Upper

43 100

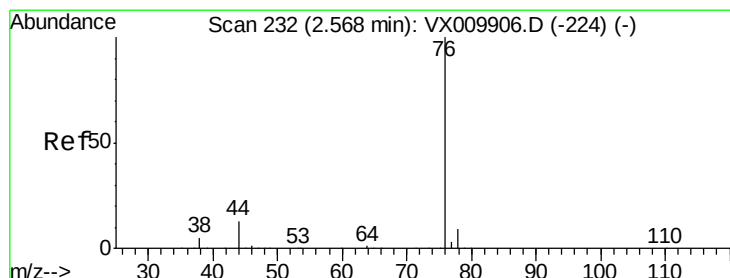
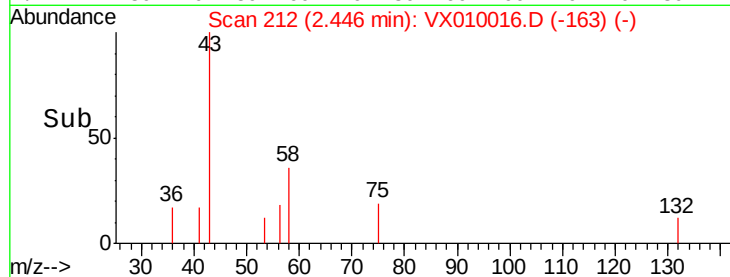
58 44.3 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.489 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010016.D

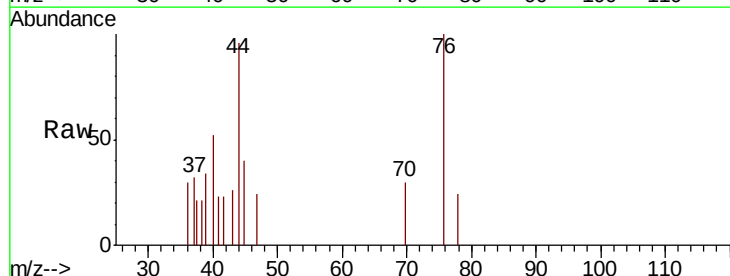
Acq: 01 Jun 2019 04:28

Tgt Ion: 76 Resp: 562

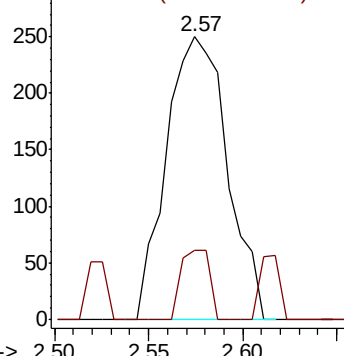
Ion Ratio Lower Upper

76 100

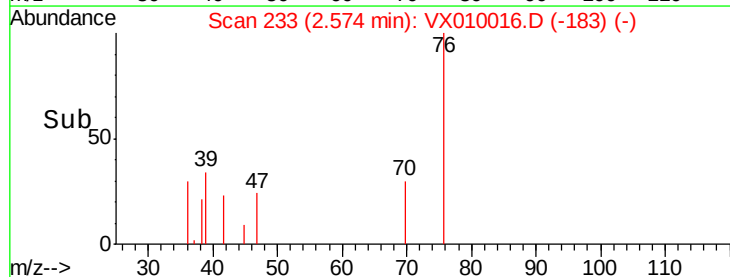
78 24.4 7.0 10.6#

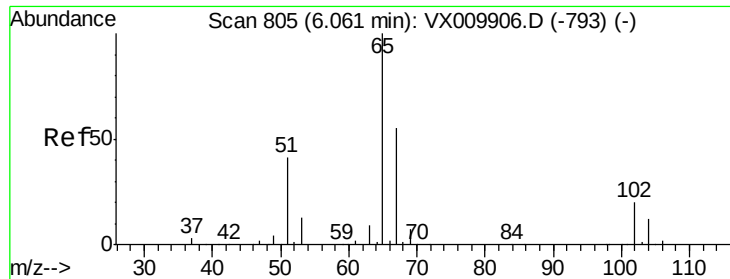


Abundance Ion 75.90 (75.60 to 76.60): VX0



Time-->

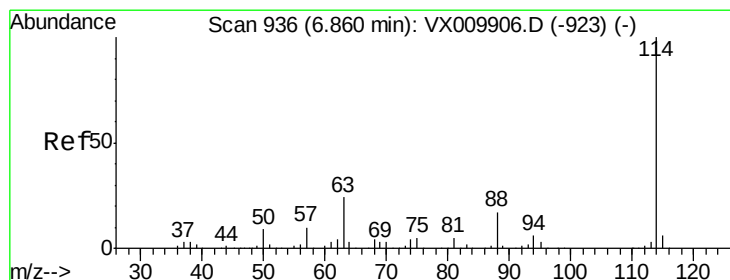
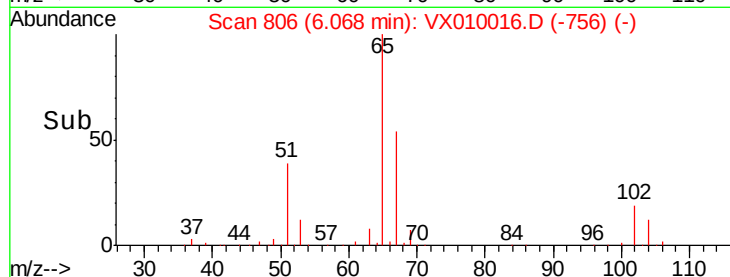
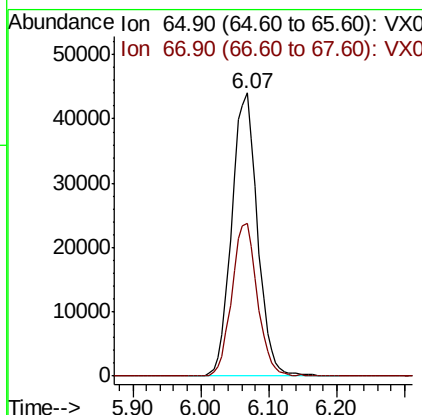
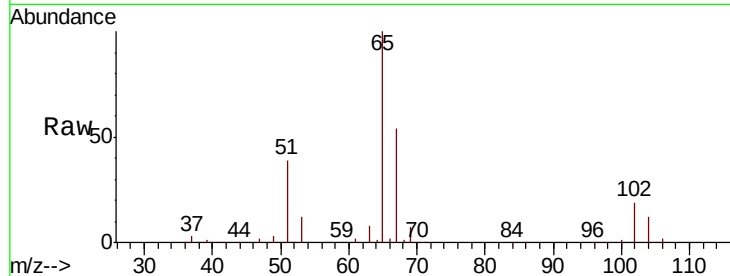




#33
 1,2-Dichloroethane-d4
 Concen: 46.991 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010016.D
 Acq: 01 Jun 2019 04:28

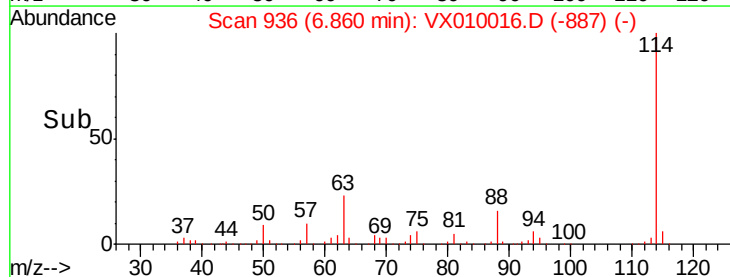
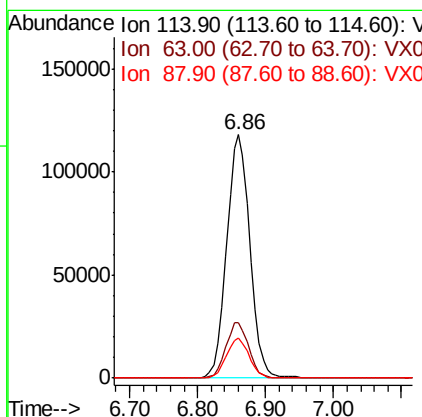
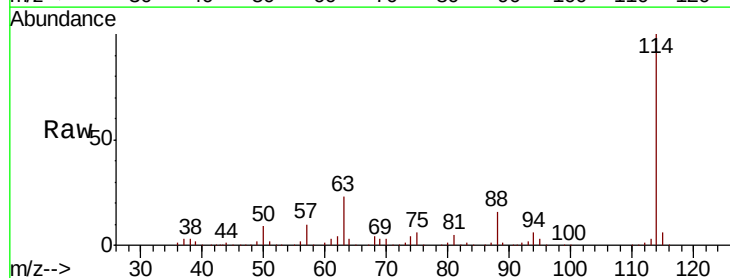
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0526-190528

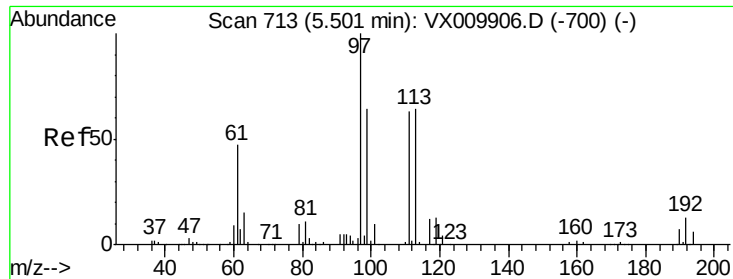
Tot Ion: 65 Resp: 115956
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010016.D
 Acq: 01 Jun 2019 04:28

Tgt Ion: 114 Resp: 277942
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.879 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

DUP-0526-190528

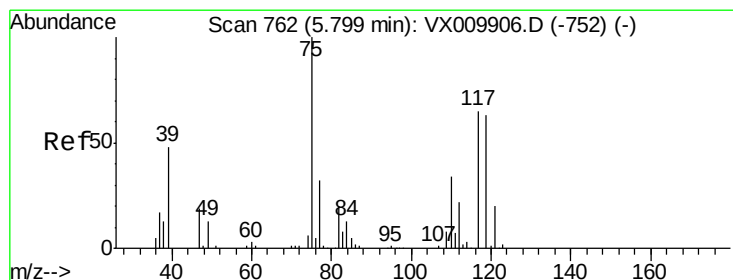
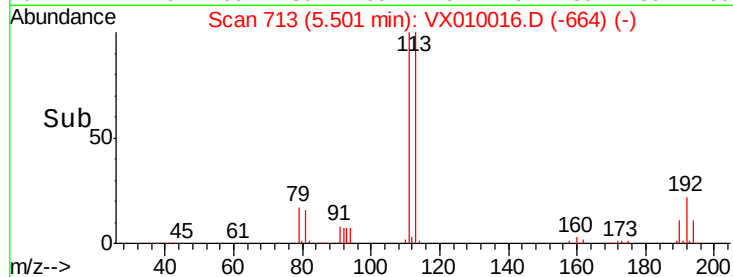
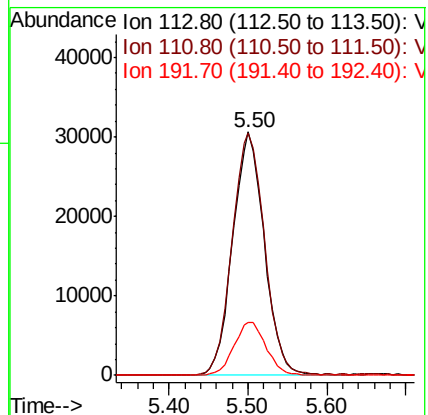
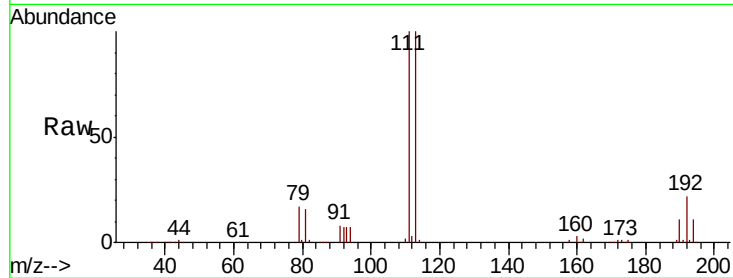
Tot Ion:113 Resp: 85412

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 22.2 17.1 25.7



#36

1,1-Dichloropropene

Concen: 4.786 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

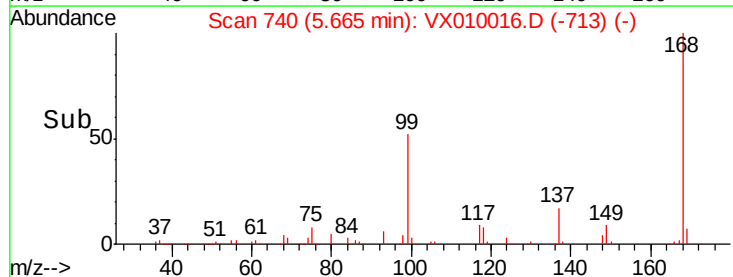
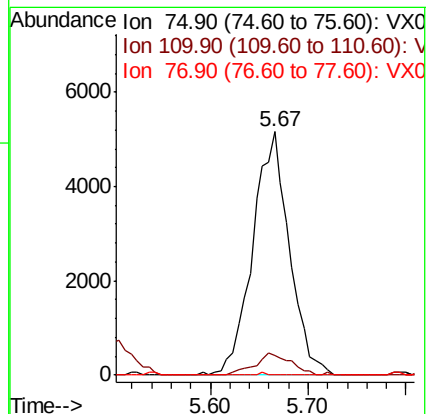
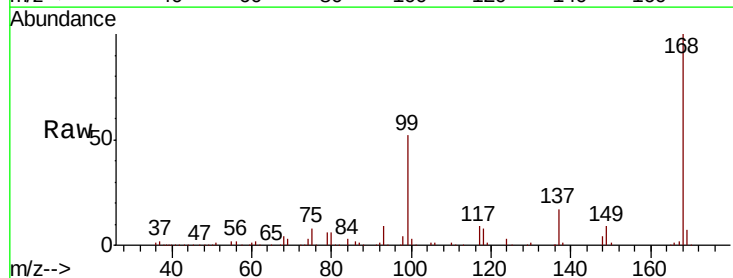
Tgt Ion: 75 Resp: 13497

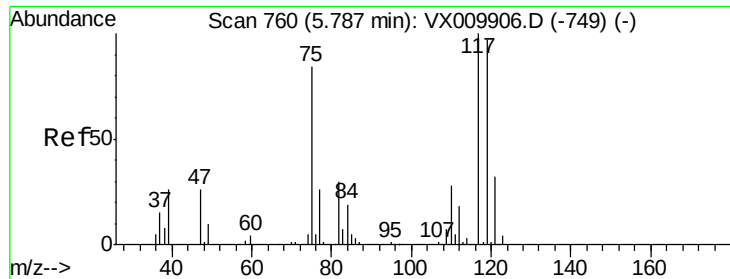
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 0.1 25.0 37.4#

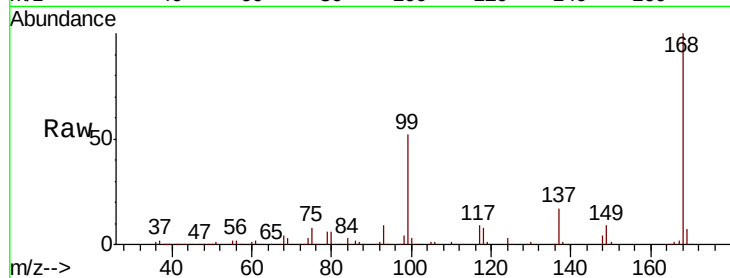




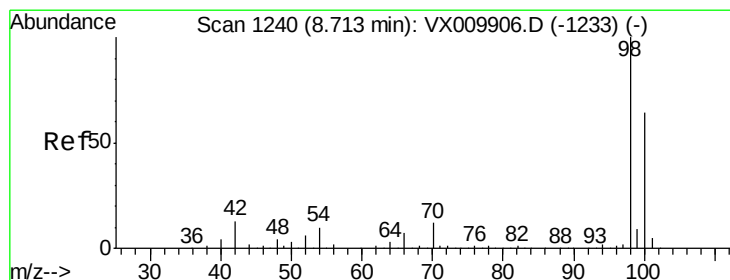
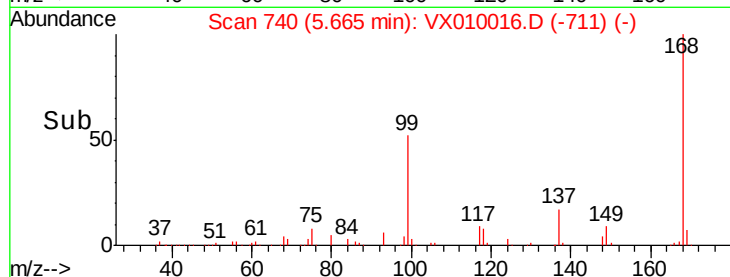
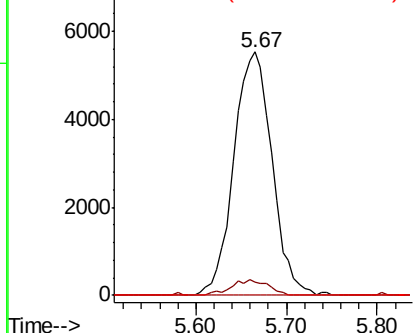
#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-0526-190528

Tot Ion:117 Resp: 16156
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 25.4 38.0#

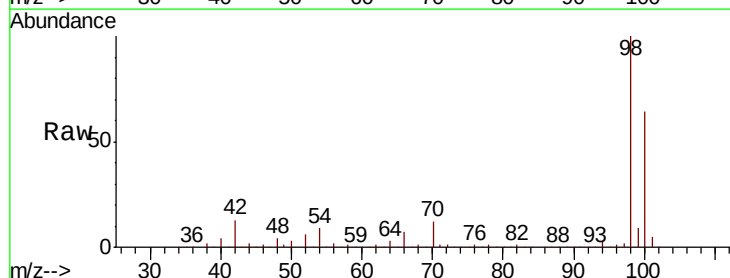


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

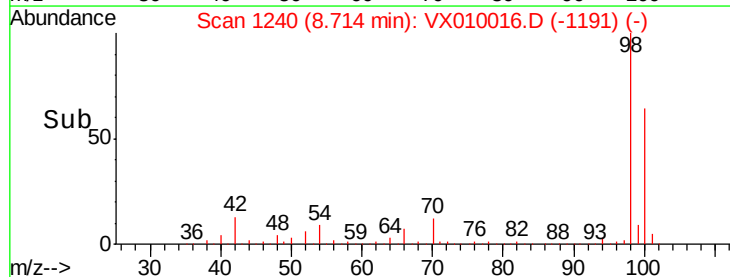
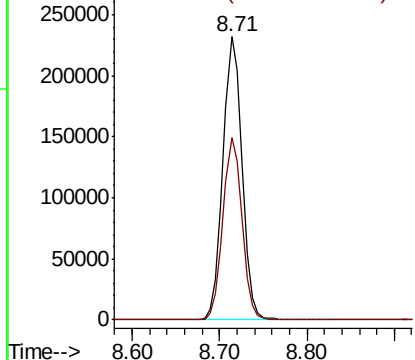


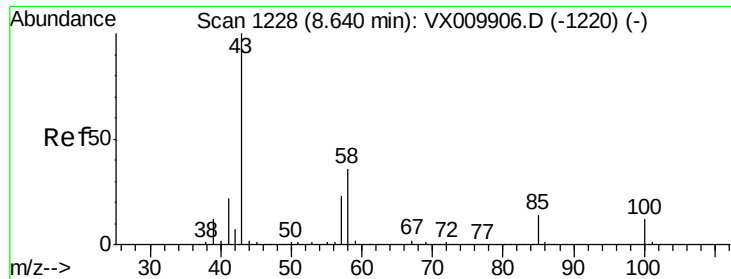
#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Tgt Ion: 98 Resp: 349886
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.07 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

Instrument :

MSVOA_X

ClientSampleId :

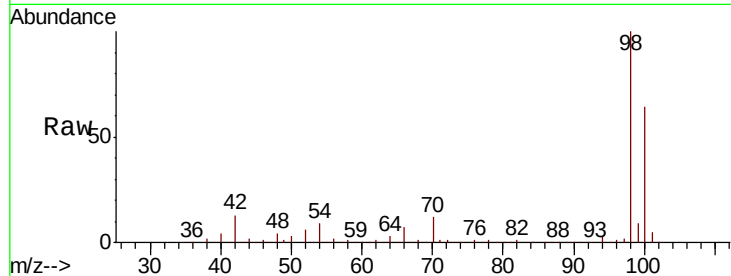
DUP-0526-190528

Tot Ion: 43 Resp: 2005

Ion Ratio Lower Upper

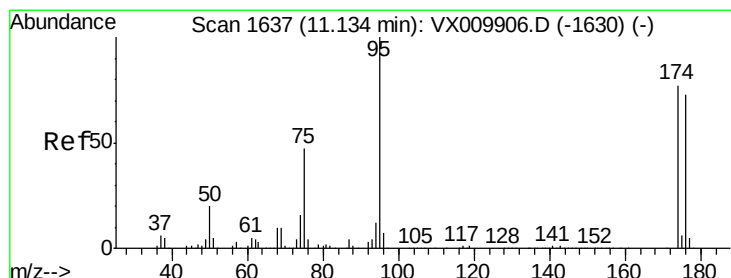
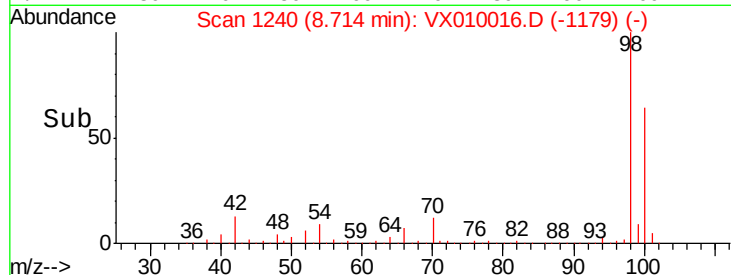
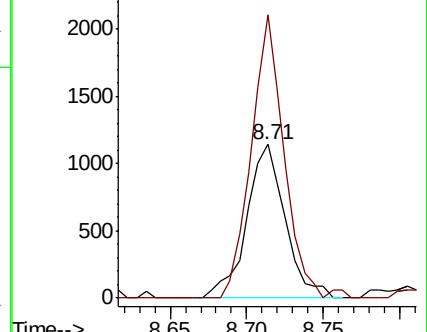
43 100

58 157.2 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.572 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010016.D

Acq: 01 Jun 2019 04:28

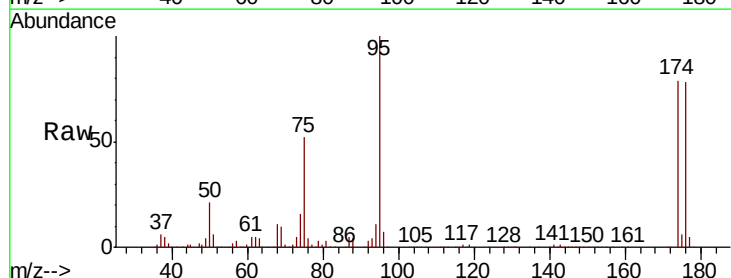
Tgt Ion: 95 Resp: 121247

Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.4

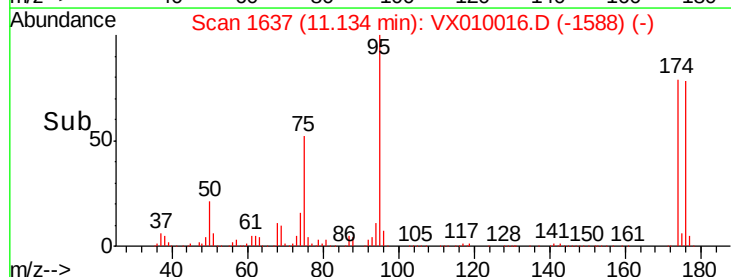
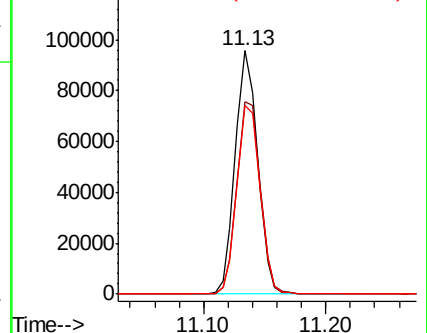
176 80.2 0.0 154.6

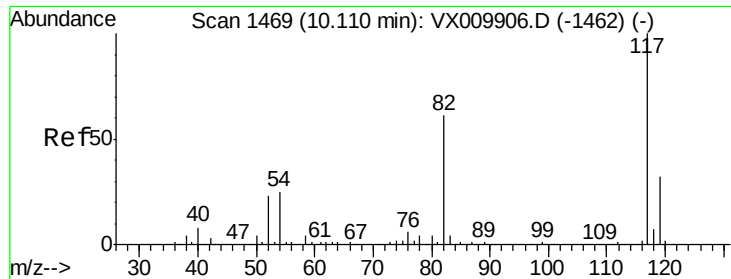


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

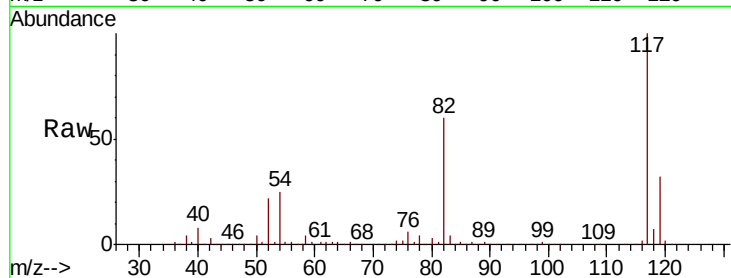




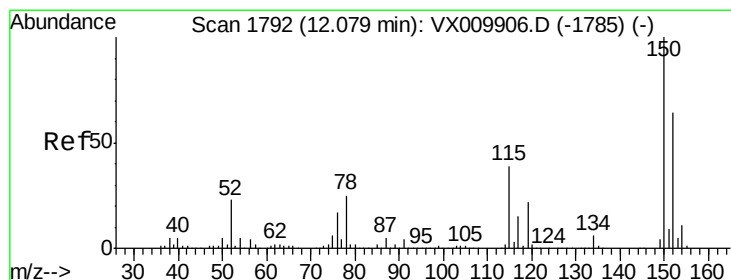
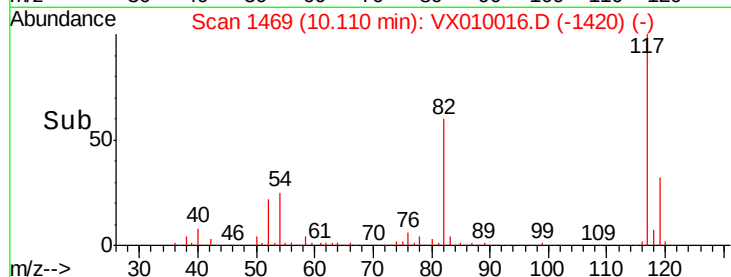
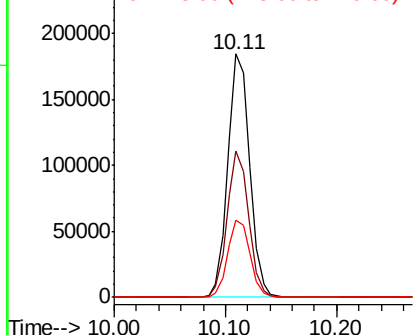
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-0526-190528

Tot Ion:117 Resp: 251447
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.7 25.2 37.8

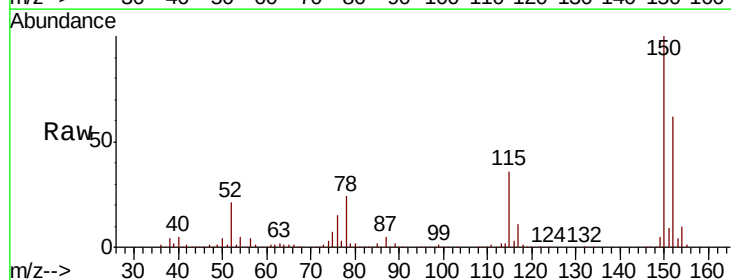


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

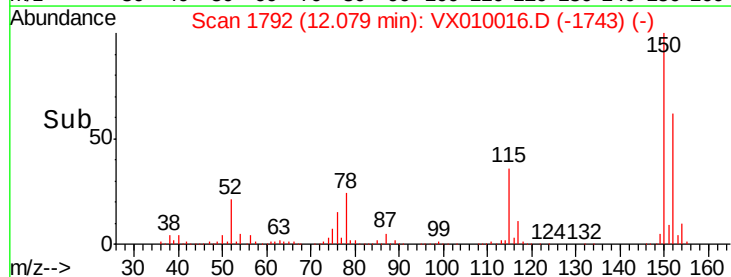
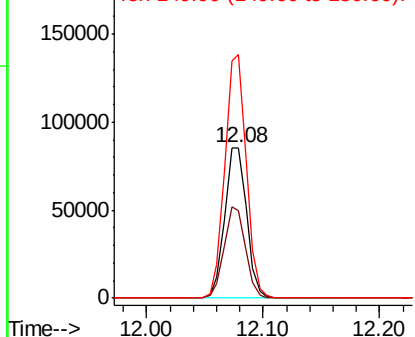


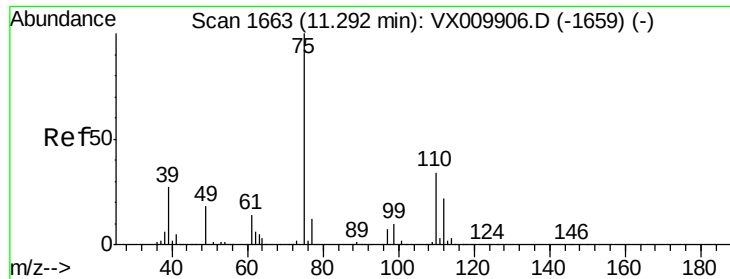
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010016.D
Acq: 01 Jun 2019 04:28

Tgt Ion:152 Resp: 111109
Ion Ratio Lower Upper
152 100
115 59.1 41.4 124.2
150 158.6 0.0 345.2



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

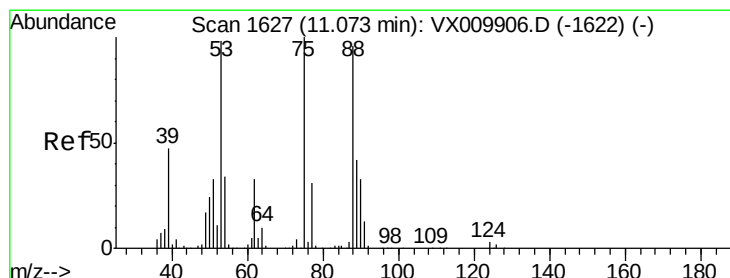
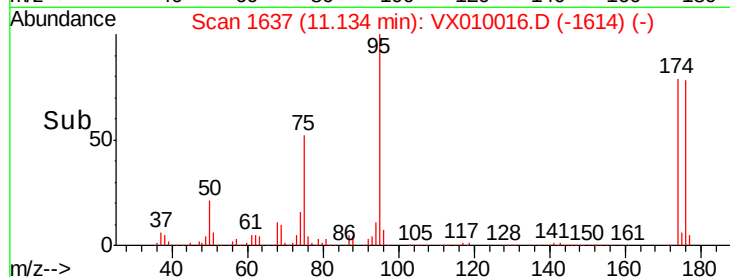
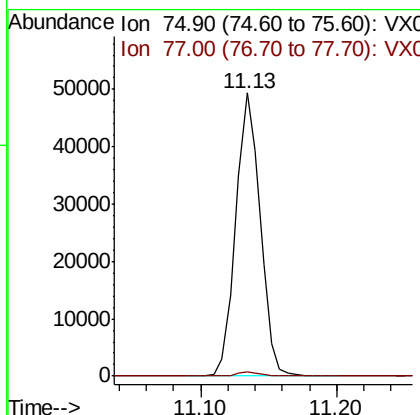
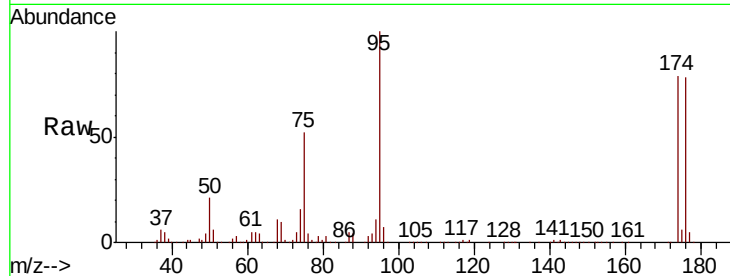




#76
 1,2,3-Trichloropropane
 Concen: 23.247 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010016.D
 Acq: 01 Jun 2019 04:28

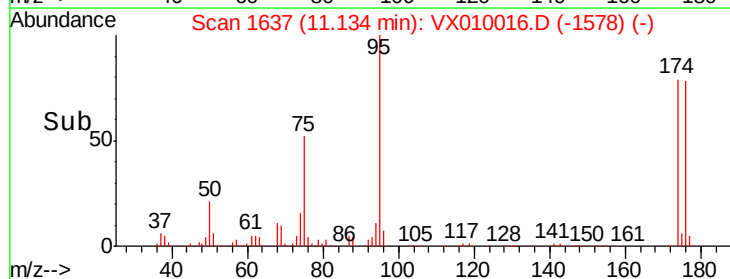
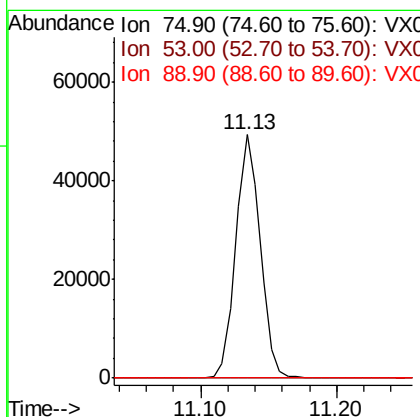
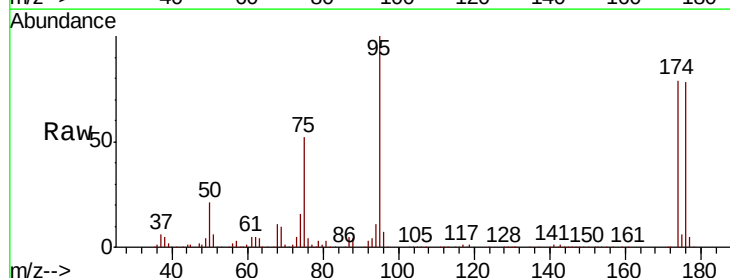
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0526-190528

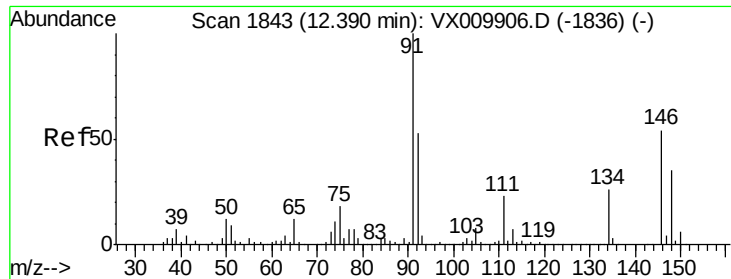
Tot Ion: 75 Resp: 61767
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.517 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010016.D
 Acq: 01 Jun 2019 04:28

Tgt Ion: 75 Resp: 61767
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.1 34.2 51.4#

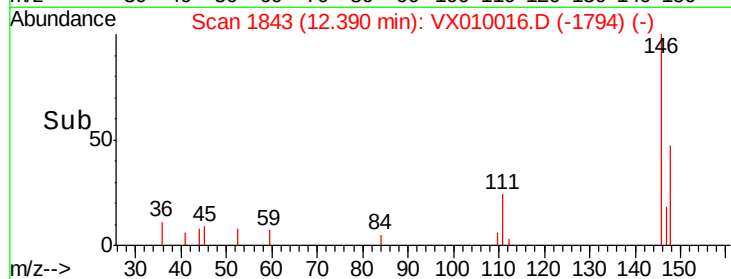
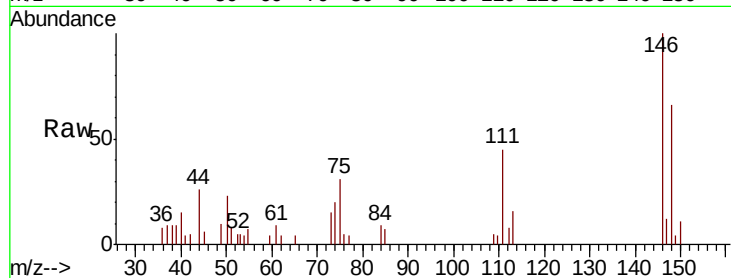




#91
 1,2-Dichlorobenzene
 Concen: 0.499 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010016.D
 Acq: 01 Jun 2019 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0526-190528

Tot Ion:146 Resp: 1829
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.1
 148 66.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

