

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025679.D
 Acq On : 27 Jul 2018 19:13
 Operator : MD/SY
 Sample : J4177-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-072518

Quant Time: Jul 28 03:43:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269258	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157959	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	133341	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	4.89	113	110512	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	7.57	98	390317	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	10.31	95	149964	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	

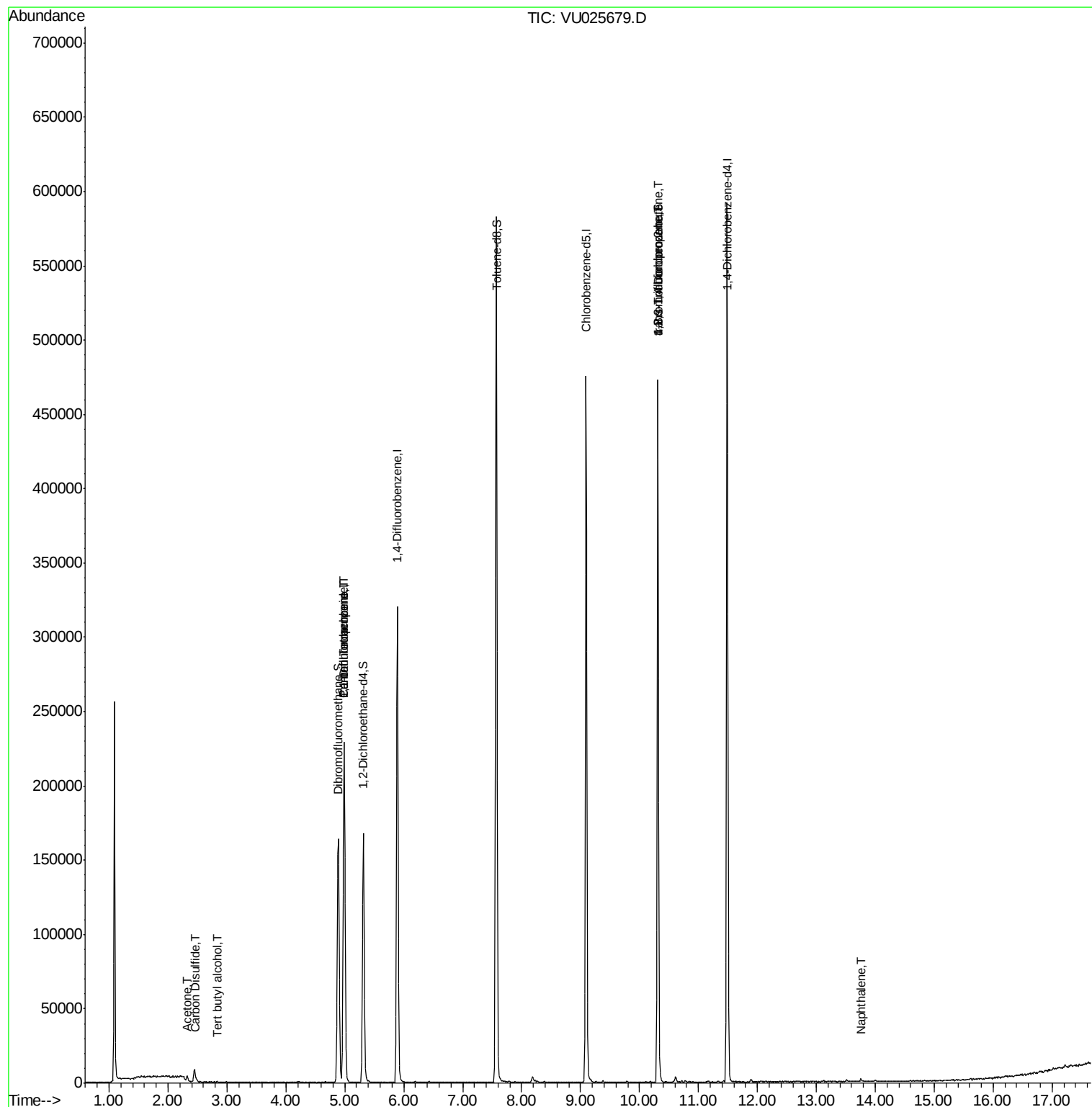
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	140	0.23	ug/l #	73
13) Acrolein	1.97	56	19	Below Cal	#	1
16) Acetone	2.33	43	3607	2.70	ug/l	97
17) Carbon Disulfide	2.48	76	1477	0.24	ug/l #	74
31) Cyclohexane	4.99	56	3533	Below Cal	#	28
36) 1,1-Dichloropropene	4.99	75	12972	4.12	ug/l #	46
38) Carbon Tetrachloride	4.99	117	17238	4.84	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	77371	22.23	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	77371	55.74	ug/l #	100
95) Naphthalene	13.76	128	2481	1.46	ug/l #	83

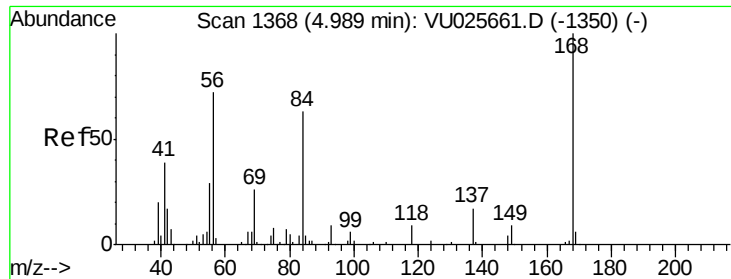
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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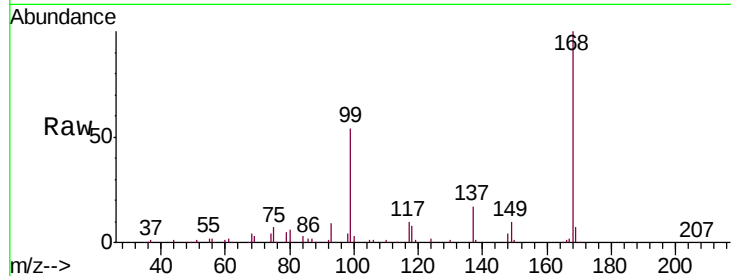




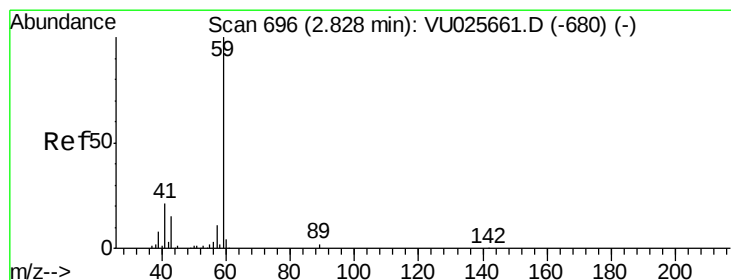
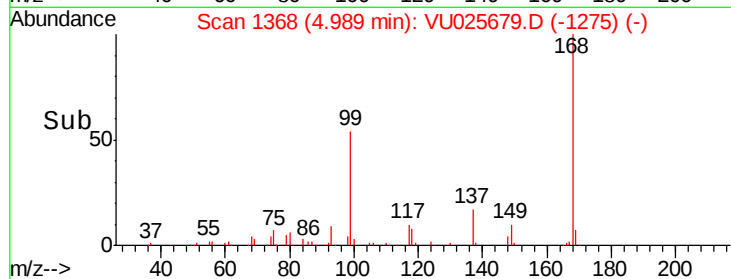
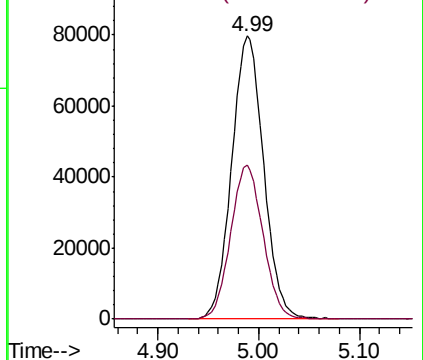
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-072518

Tot Ion:168 Resp: 175601
Ion Ratio Lower Upper
168 100
99 54.4 42.8 64.2

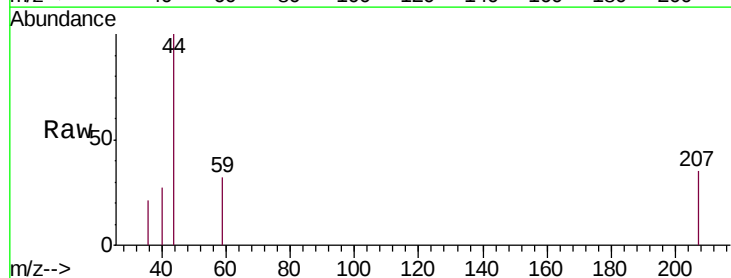


Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)
Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

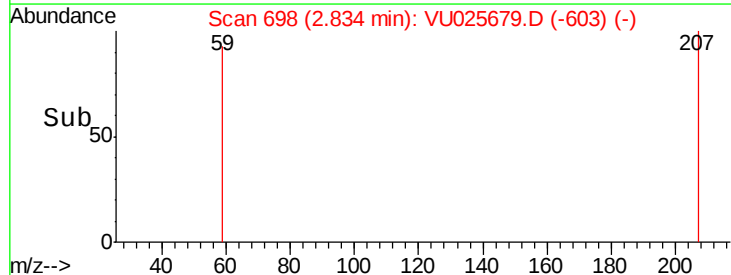
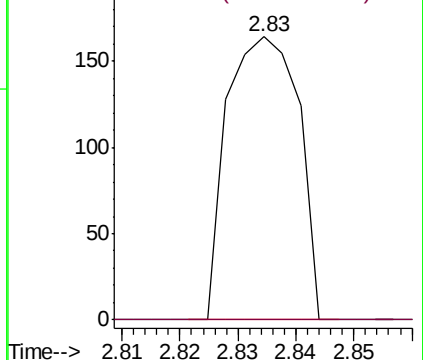


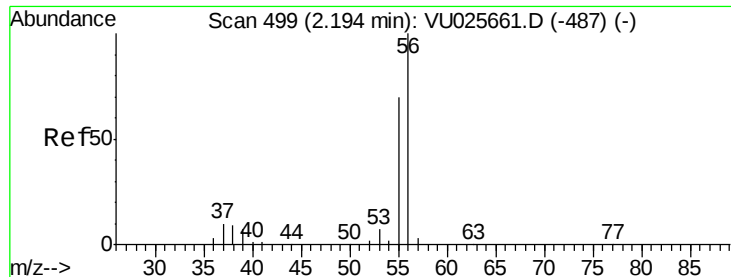
#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025661.D (-680) (-)
Ion 57.00 (56.70 to 57.70): VU025661.D (-680) (-)





#13

Acrolein

Concen: Below Cal

RT: 1.97 min Scan# 430

Delta R.T. -0.22 min

Lab File: VU025679.D

Acq: 27 Jul 2018 19:13

Instrument :

MSVOA_U

ClientSampleId :

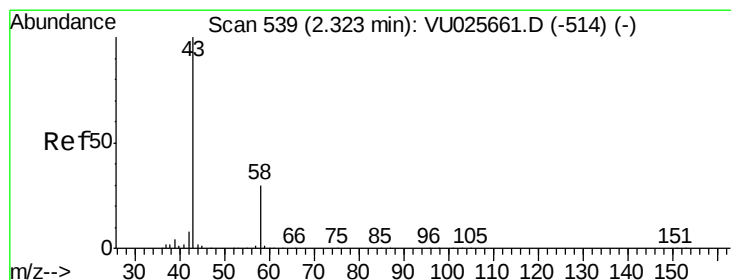
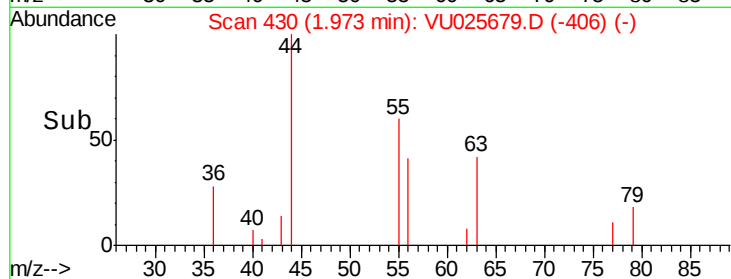
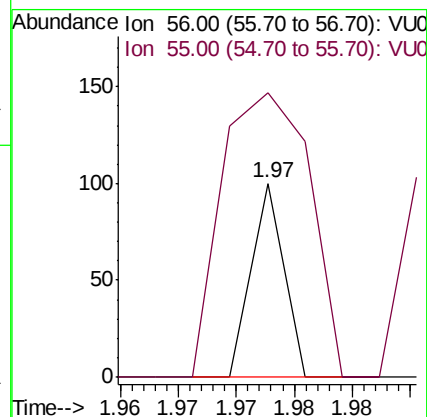
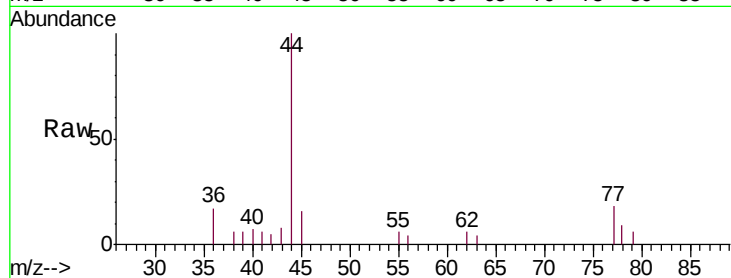
TB01-072518

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 405.3 57.2 85.8#



#16

Acetone

Concen: 2.70 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025679.D

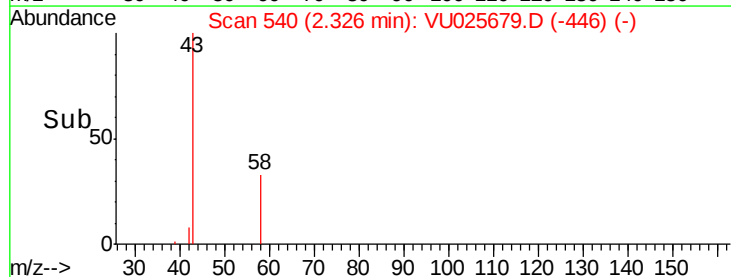
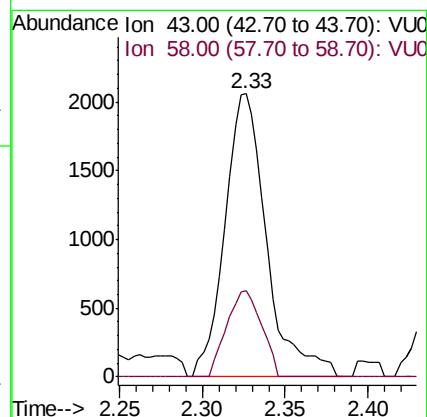
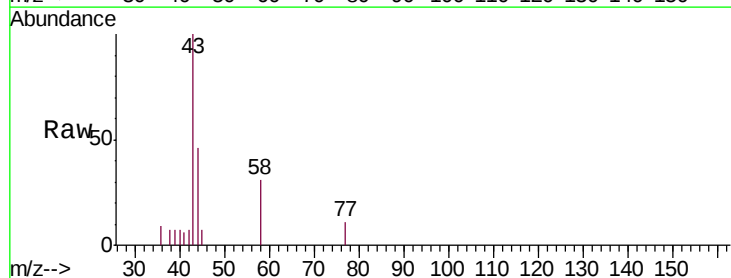
Acq: 27 Jul 2018 19:13

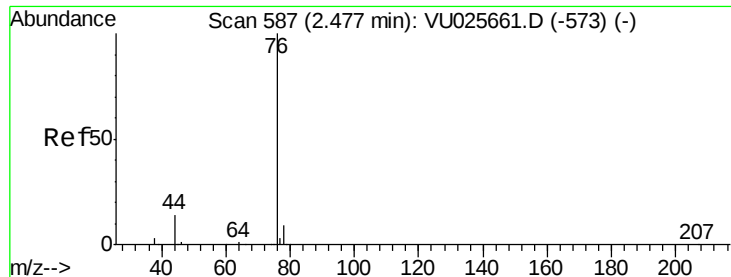
Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

43 100

58 30.6 23.1 34.7

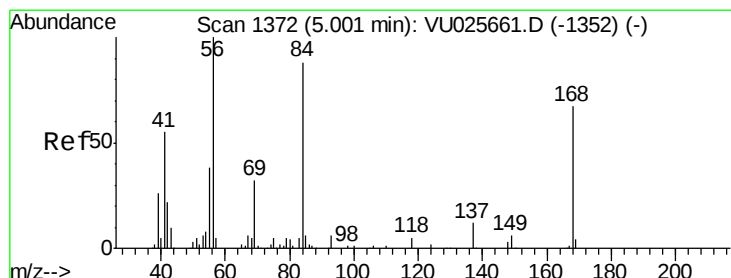
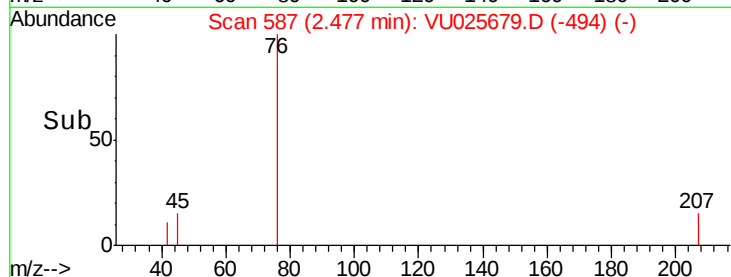
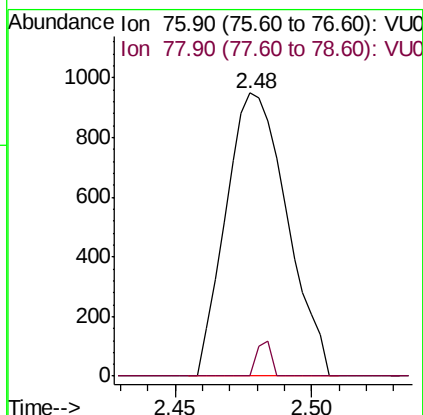
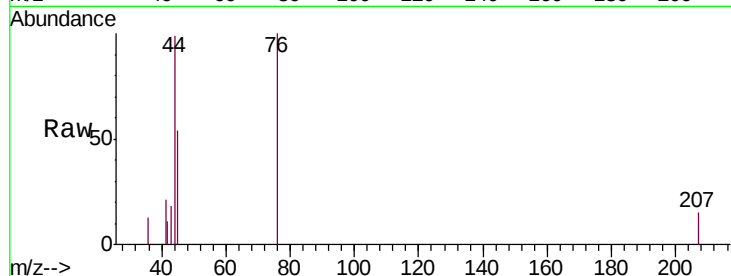




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

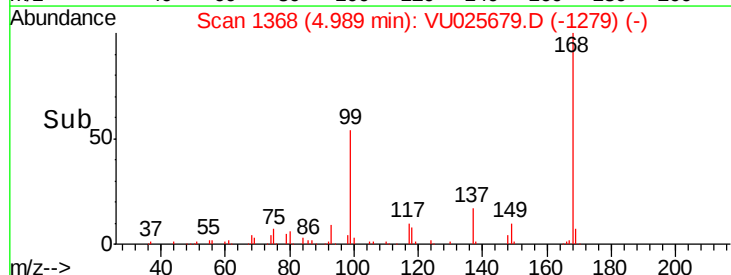
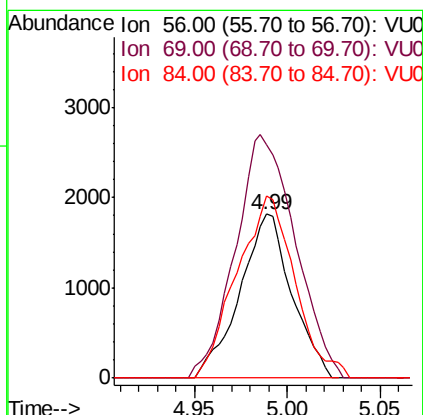
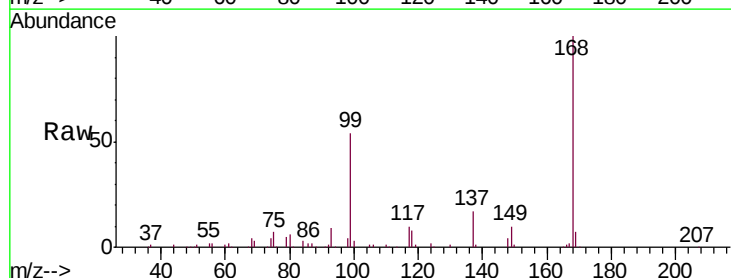
Instrument :
MSVOA_U
ClientSampleId :
TB01-072518

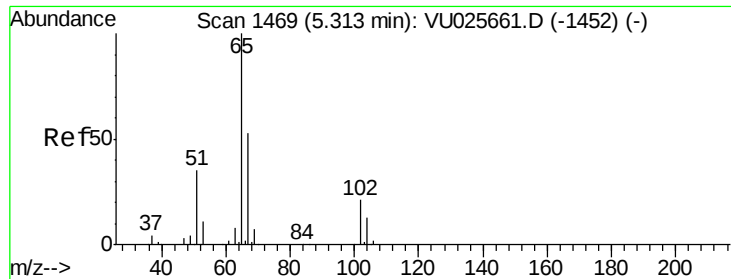
Tot Ion: 76 Resp: 1477
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Tgt Ion: 56 Resp: 3533
Ion Ratio Lower Upper
56 100
69 142.2 26.8 40.2#
84 111.1 69.7 104.5#

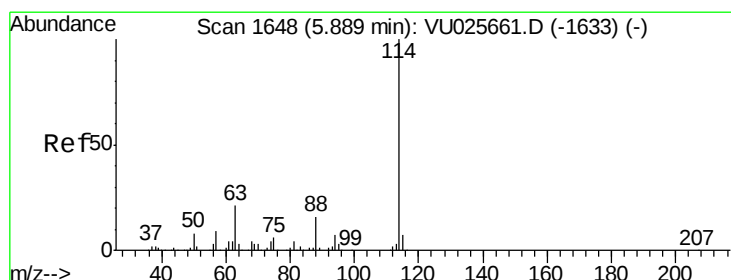
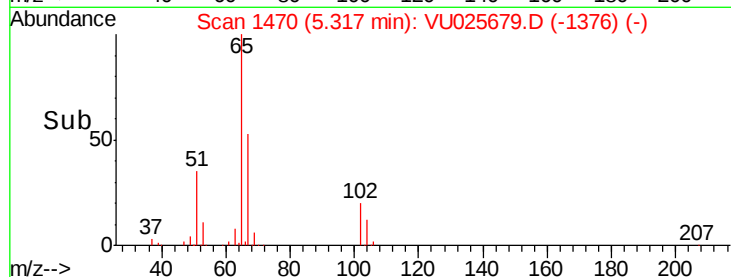
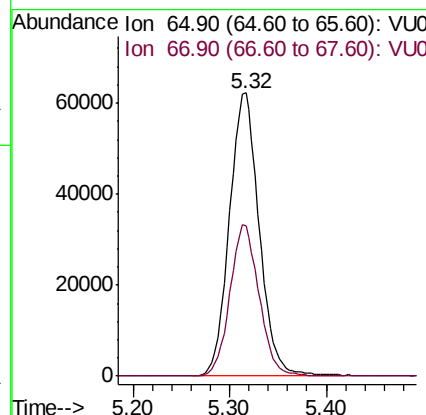
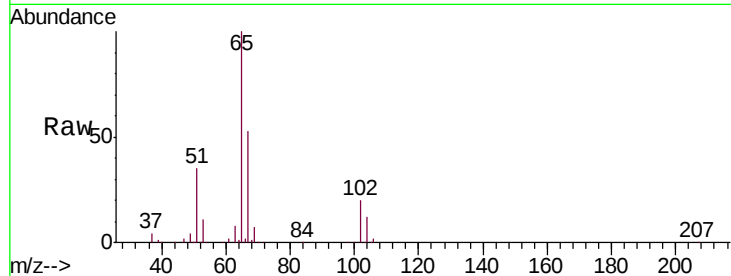




#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025679.D
 Acq: 27 Jul 2018 19:13

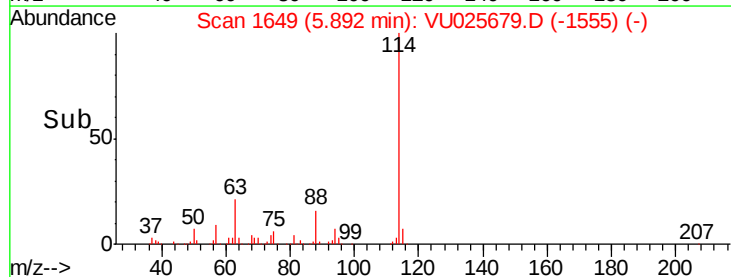
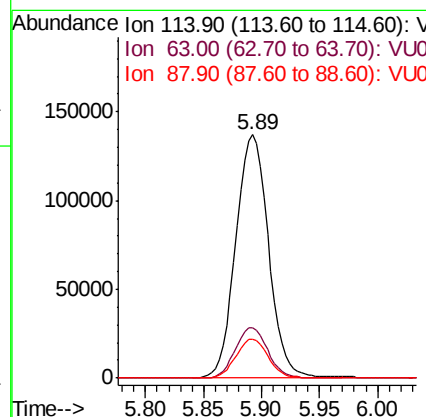
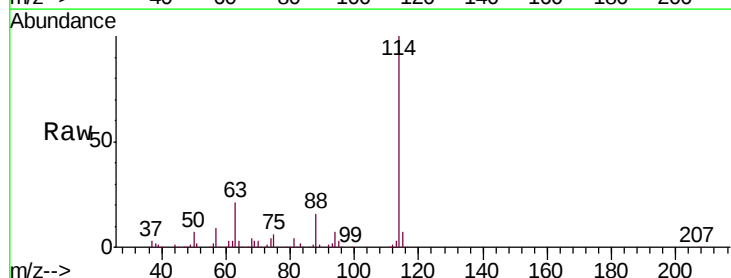
Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-072518

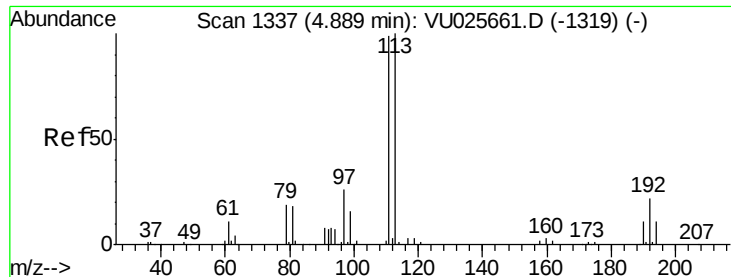
Tot Ion: 65 Resp: 133341
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025679.D
 Acq: 27 Jul 2018 19:13

Tgt Ion: 114 Resp: 269258
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 16.0 0.0 32.4

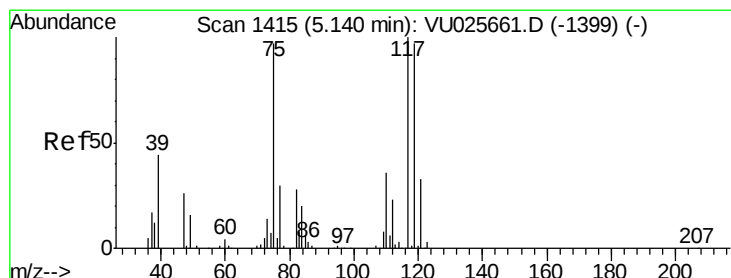
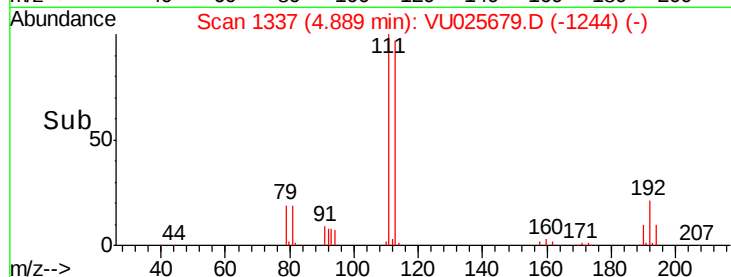
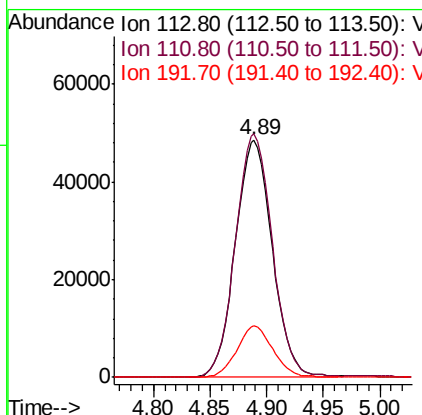
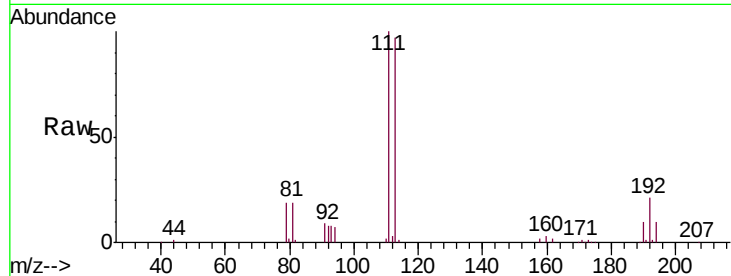




#35
Dibromofluoromethane
Concen: 47.19 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

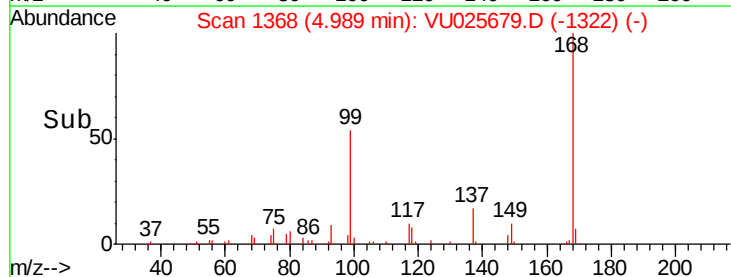
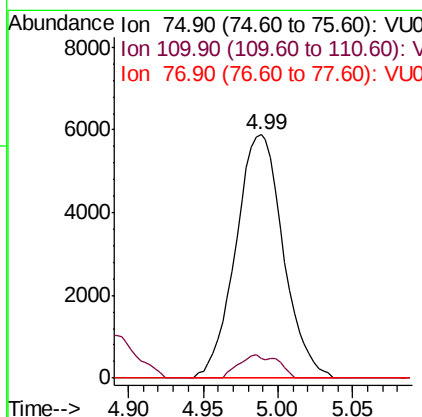
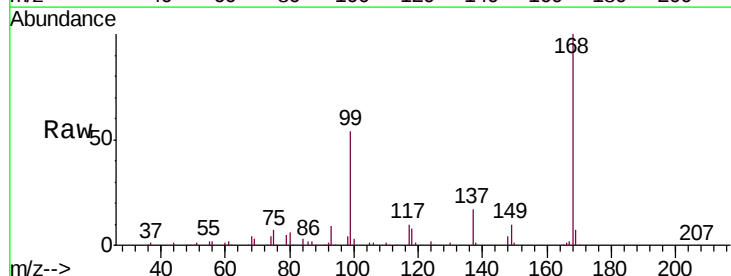
Instrument :
MSVOA_U
ClientSampleId :
TB01-072518

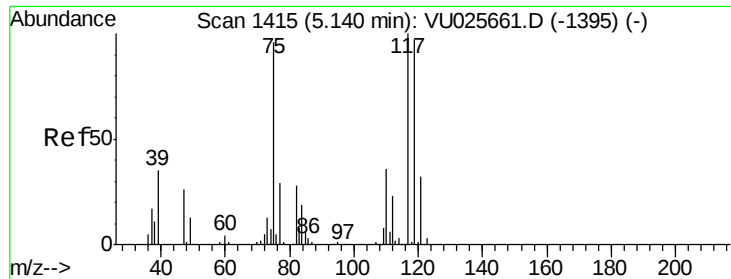
Tot Ion:113 Resp: 110512
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 21.1 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Tgt Ion: 75 Resp: 12972
Ion Ratio Lower Upper
75 100
110 5.2 17.6 52.9#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.84 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025679.D

Acq: 27 Jul 2018 19:13

Instrument :

MSVOA_U

ClientSampleId :

TB01-072518

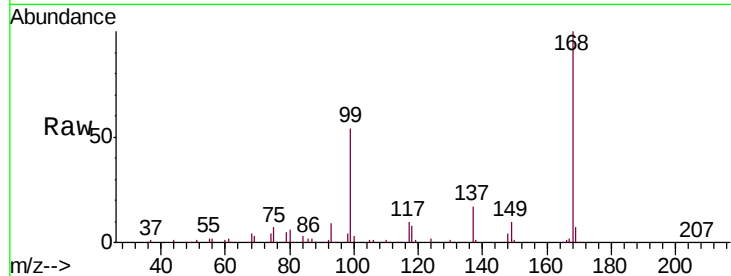
Tot Ion:117 Resp: 17238

Ion Ratio Lower Upper

117 100

119 6.4 75.7 113.5#

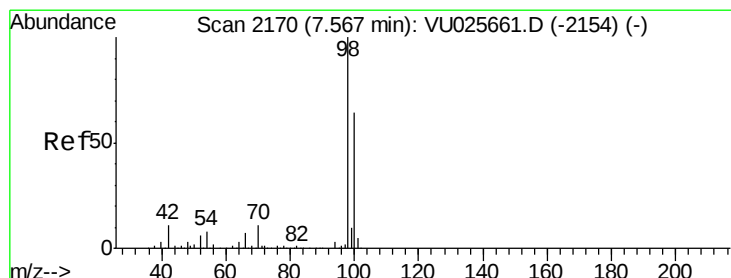
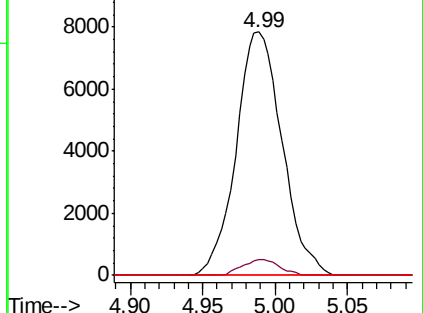
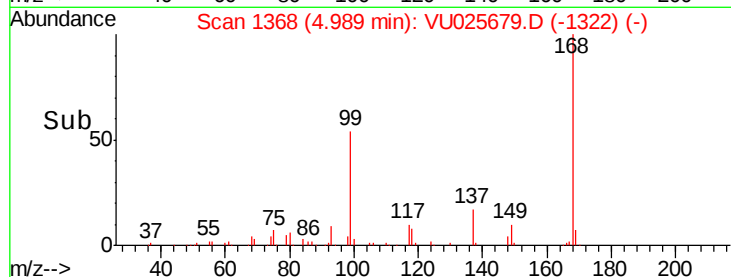
121 0.0 24.6 36.8#



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: 47.63 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025679.D

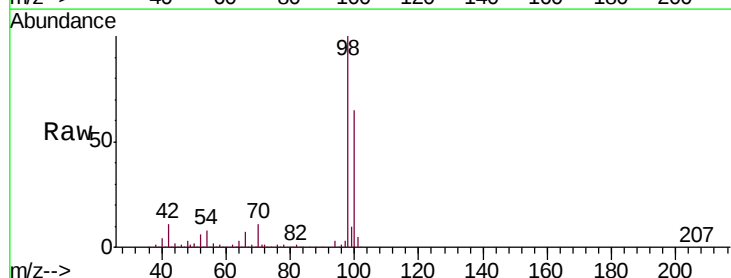
Acq: 27 Jul 2018 19:13

Tgt Ion: 98 Resp: 390317

Ion Ratio Lower Upper

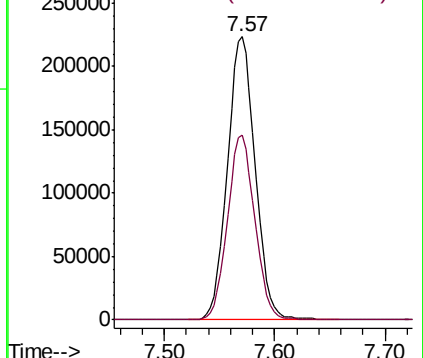
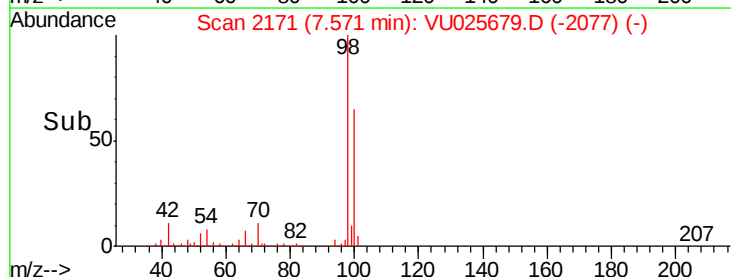
98 100

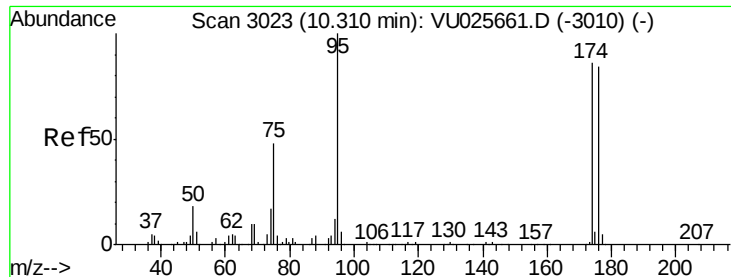
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 47.15 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025679.D

Acq: 27 Jul 2018 19:13

Instrument :

MSVOA_U

ClientSampleId :

TB01-072518

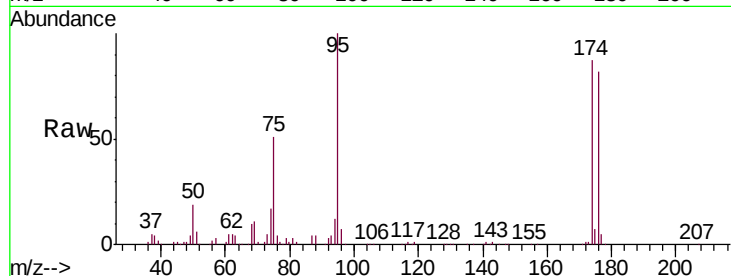
Tot Ion: 95 Resp: 149964

Ion Ratio Lower Upper

95 100

174 89.0 0.0 172.2

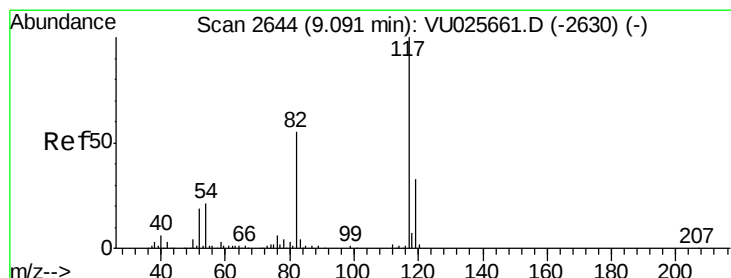
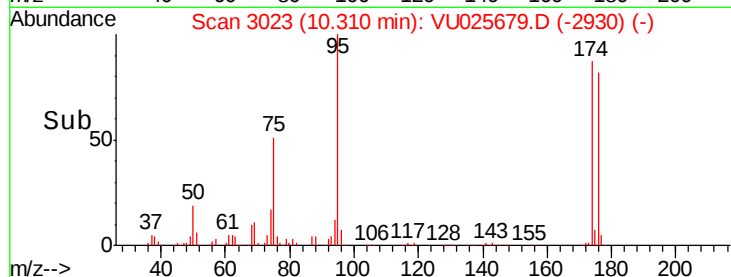
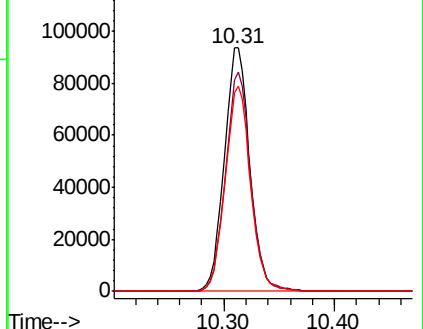
176 83.5 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025679.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025679.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025679.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025679.D

Acq: 27 Jul 2018 19:13

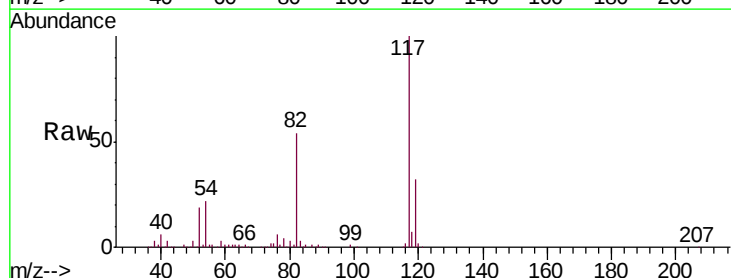
Tgt Ion: 117 Resp: 262671

Ion Ratio Lower Upper

117 100

82 54.4 46.0 69.0

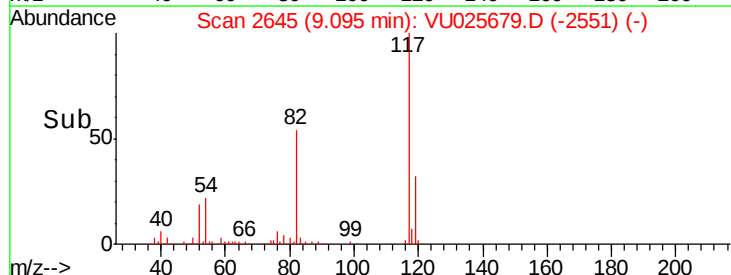
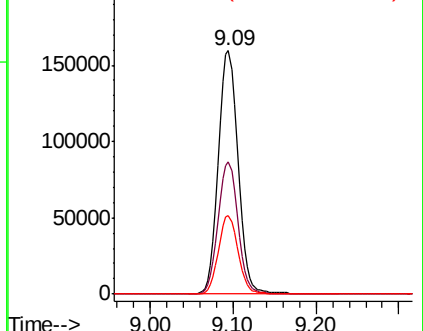
119 32.2 26.0 39.0

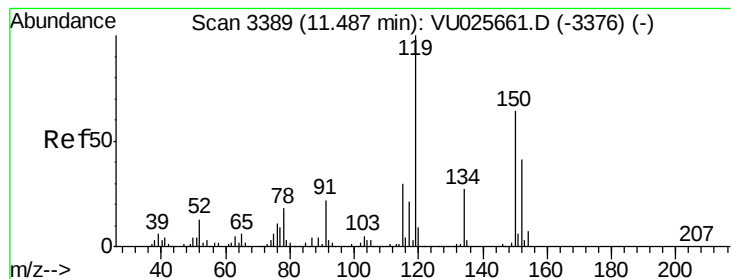


Abundance Ion 116.90 (116.60 to 117.60): VU025679.D (-2551) (-)

Ion 82.00 (81.70 to 82.70): VU025679.D (-2551) (-)

Ion 118.90 (118.60 to 119.60): VU025679.D (-2551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025679.D

Acq: 27 Jul 2018 19:13

Instrument :

MSVOA_U

ClientSampleId :

TB01-072518

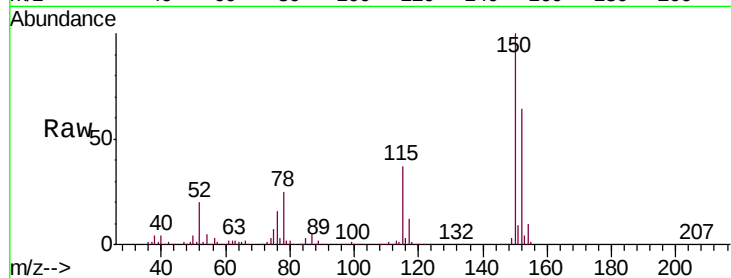
Tot Ion:152 Resp: 157959

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

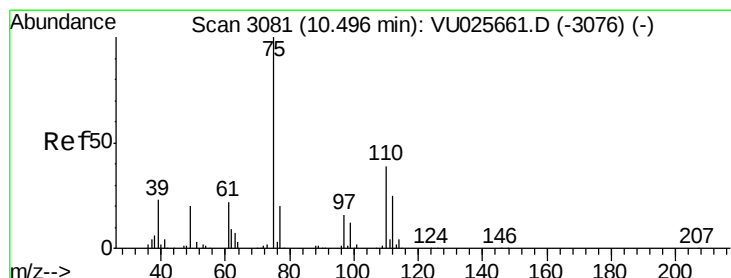
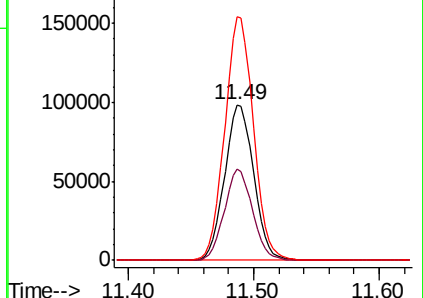
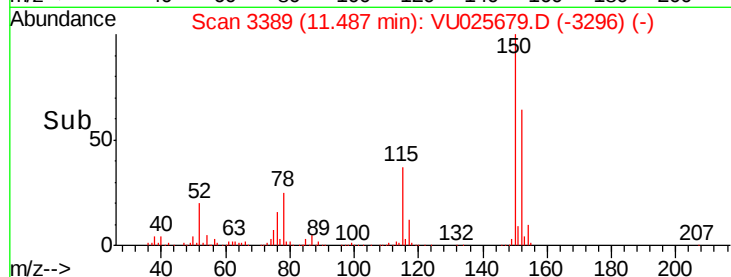
150 154.3 0.0 351.4



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: 22.23 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.18 min

Lab File: VU025679.D

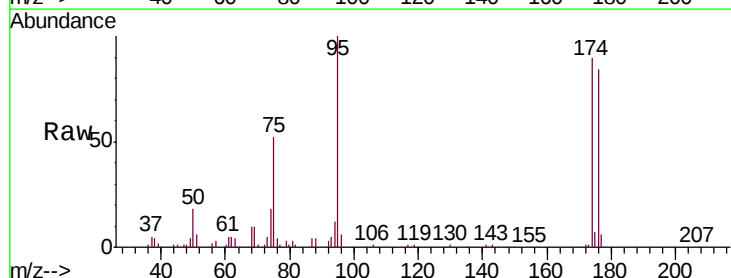
Acq: 27 Jul 2018 19:13

Tgt Ion: 75 Resp: 77371

Ion Ratio Lower Upper

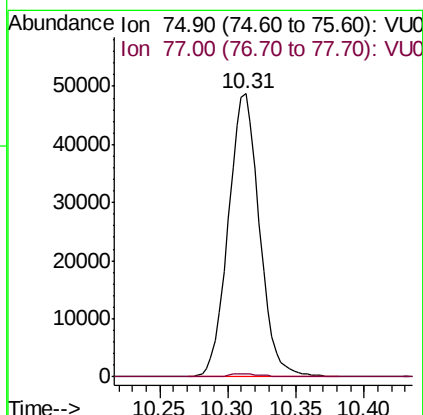
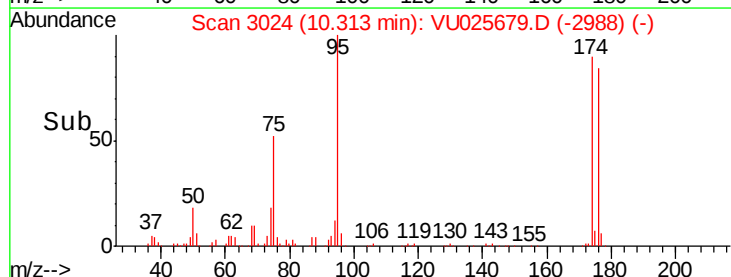
75 100

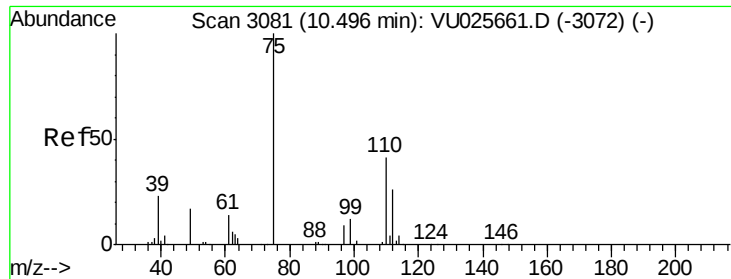
77 1.2 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

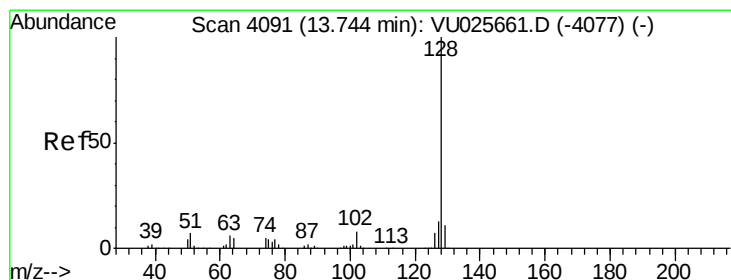
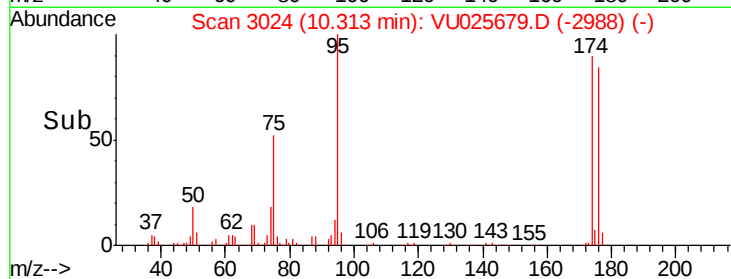
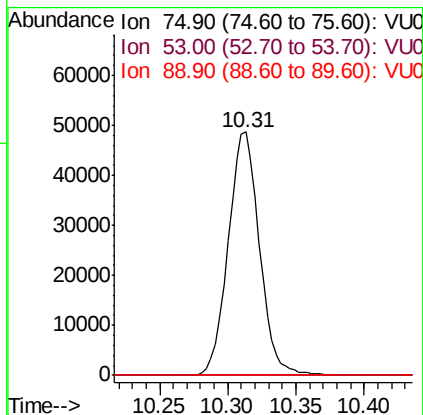
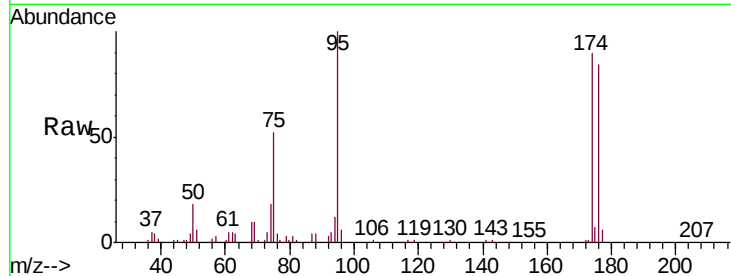




#81
trans-1,4-Dichloro-2-butene
Concen: 55.74 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.18 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-072518

Tot Ion: 75 Resp: 77371
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 1.46 ug/l
RT: 13.76 min Scan# 4095
Delta R.T. 0.01 min
Lab File: VU025679.D
Acq: 27 Jul 2018 19:13

Tgt Ion:128 Resp: 2481
Ion Ratio Lower Upper
128 100
127 7.7 10.5 15.7#
129 2.6 8.3 12.5#

