

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024522.D
 Acq On : 13 Jun 2018 20:50
 Operator : MD/SY
 Sample : J3461-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-49(0-5)

Quant Time: Jun 14 02:56:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

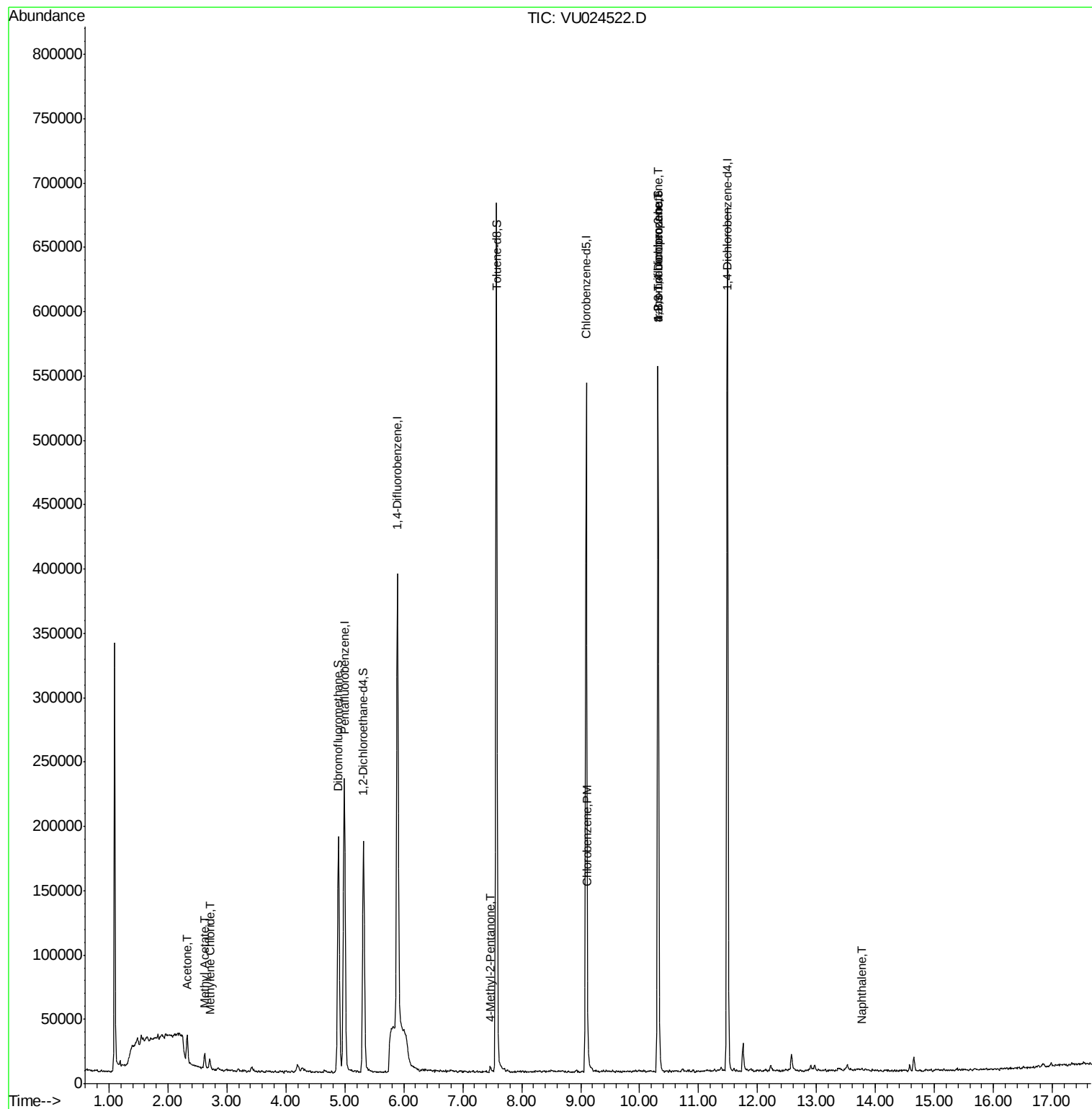
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	184298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315337	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	142457	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	4.89	113	128065	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	7.57	98	461470	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	10.31	95	183101	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
Target Compounds						
16) Acetone	2.32	43	22170	13.714	ug/l	97
18) Methyl Acetate	2.62	43	15499	4.472	ug/l	94
20) Methylene Chloride	2.71	84	4120	1.624	ug/l	93
51) 4-Methyl-2-Pentanone	7.47	43	2474	0.564	ug/l	92
65) Chlorobenzene	9.12	112	2090	0.272	ug/l #	85
76) 1,2,3-Trichloropropane	10.31	75	90958	23.328	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	90958	53.990	ug/l #	100
95) Naphthalene	13.76	128	1155	0.767	ug/l #	78

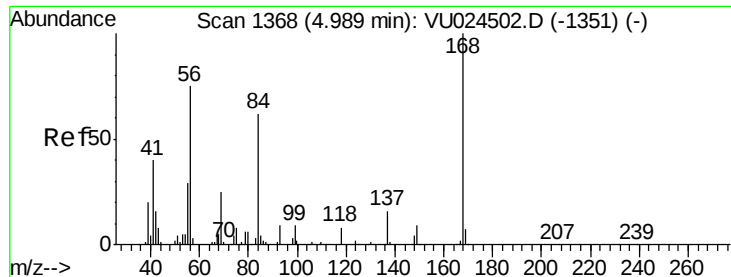
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

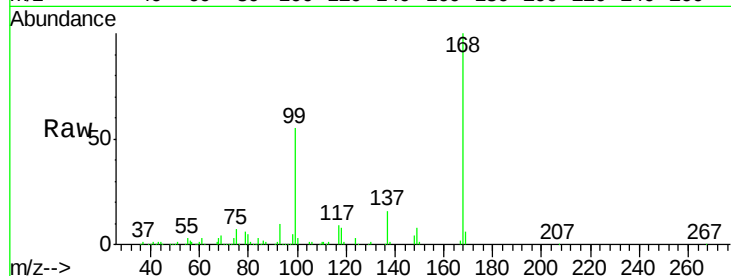
SB-49(0-5)

Tot Ion:168 Resp: 184298

Ion Ratio Lower Upper

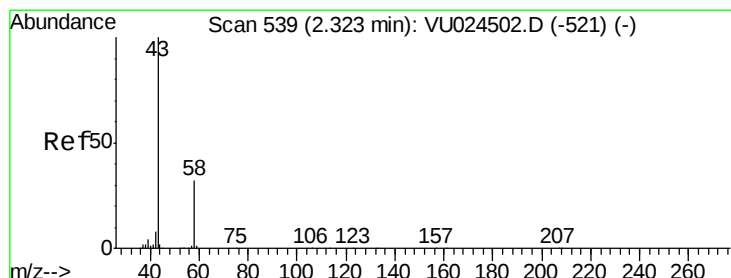
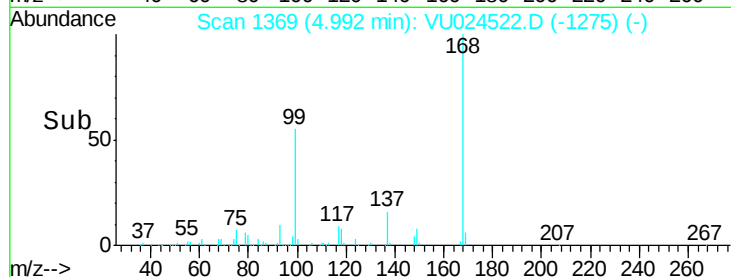
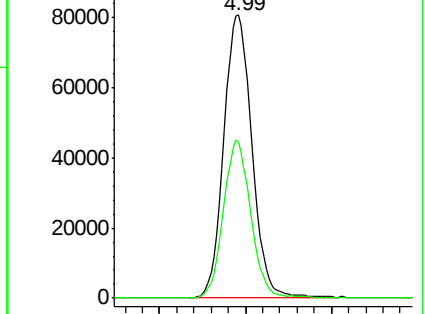
168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024522.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024522.D (-1275) (-)



#16

Acetone

Concen: 13.714 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024522.D

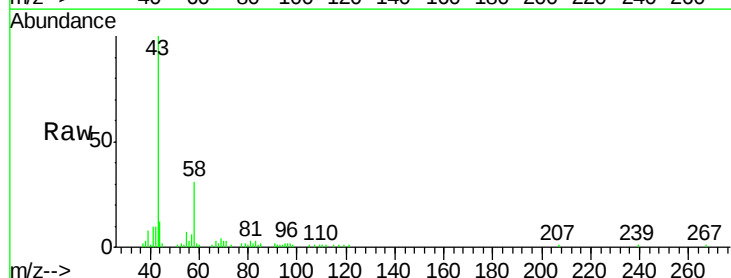
Acq: 13 Jun 2018 20:50

Tgt Ion: 43 Resp: 22170

Ion Ratio Lower Upper

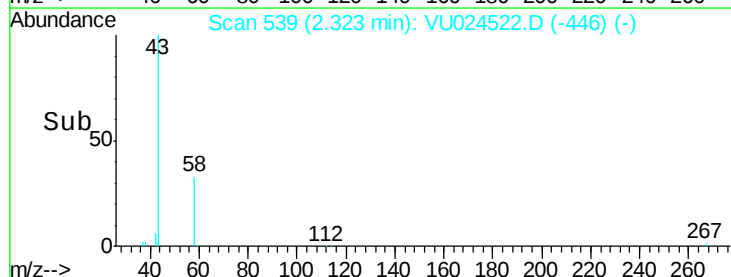
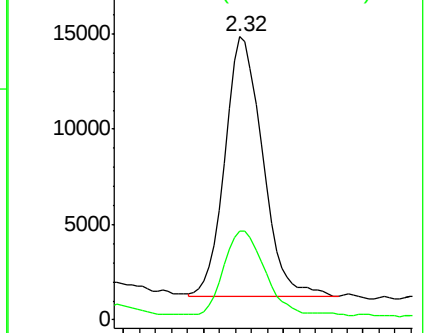
43 100

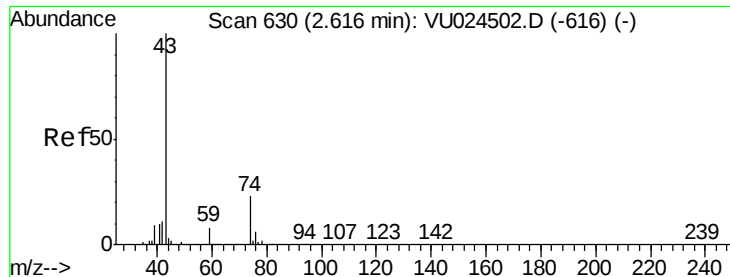
58 32.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024522.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024522.D (-446) (-)

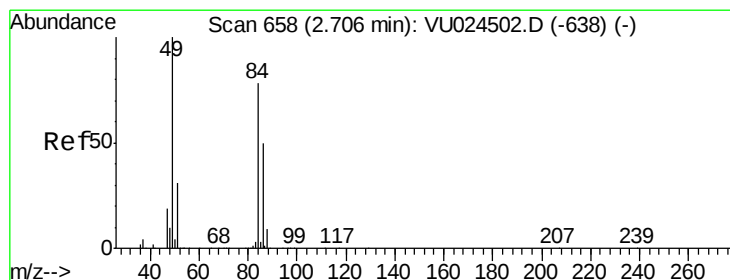
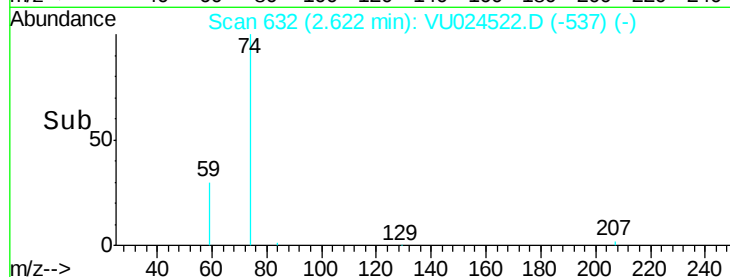
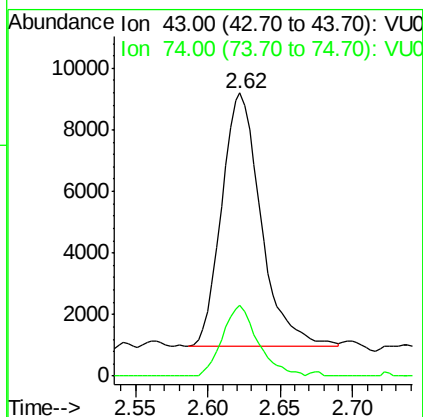
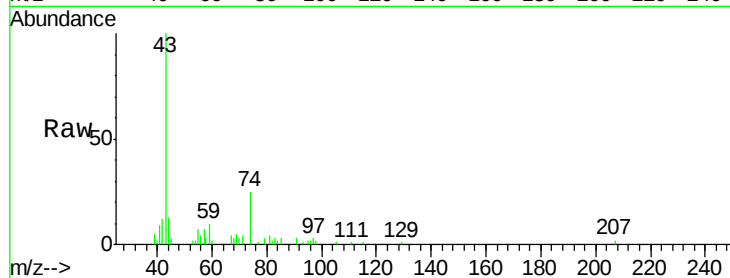




#18
Methvl Acetate
Concen: 4.472 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

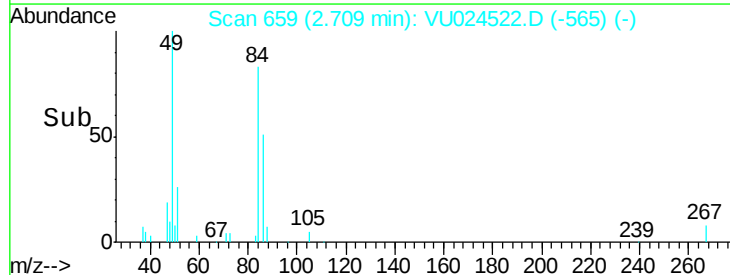
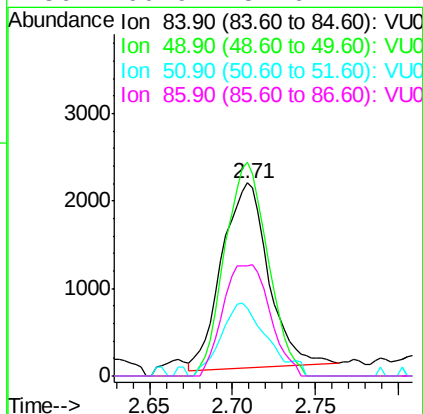
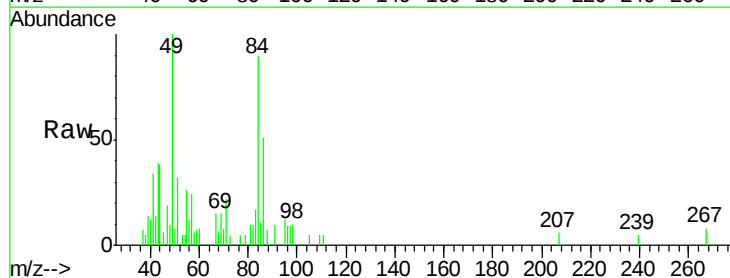
Instrument :
MSVOA_U
ClientSampleId :
SB-49(0-5)

Tot Ion: 43 Resp: 15499
Ion Ratio Lower Upper
43 100
74 25.2 18.0 27.0



#20
Methylene Chloride
Concen: 1.624 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

Tgt Ion: 84 Resp: 4120
Ion Ratio Lower Upper
84 100
49 118.6 103.8 155.8
51 37.6 32.0 48.0
86 60.9 51.6 77.4

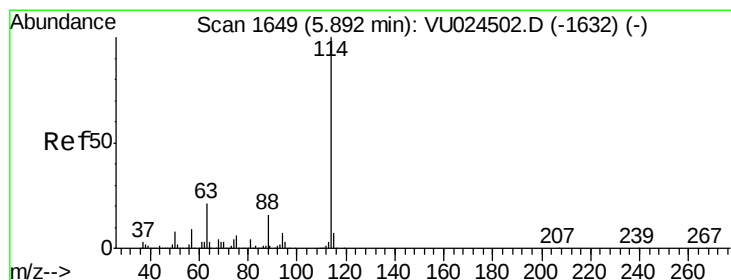
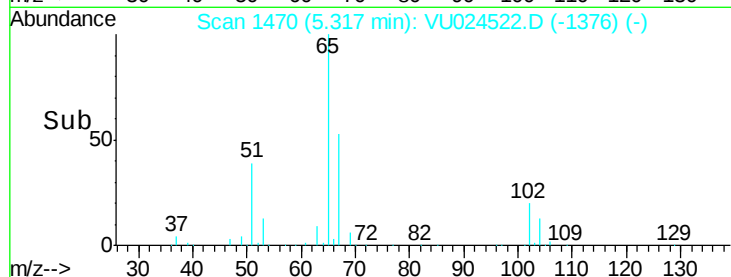
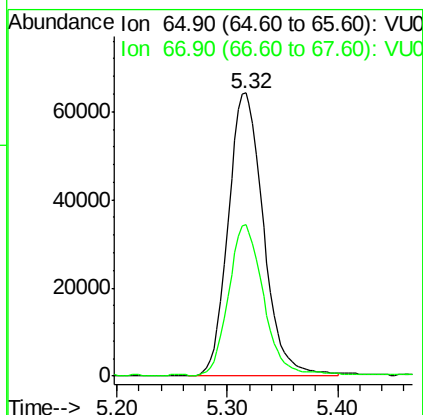
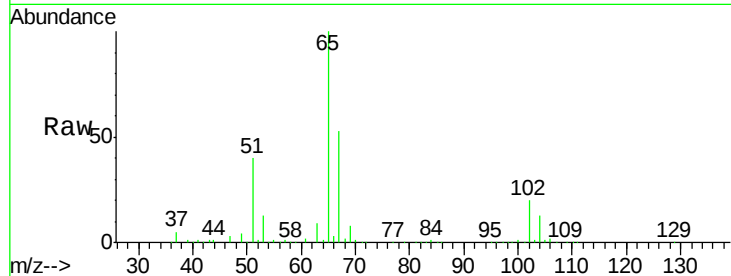




#33
 1,2-Dichloroethane-d4
 Concen: 47.348 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024522.D
 Acq: 13 Jun 2018 20:50

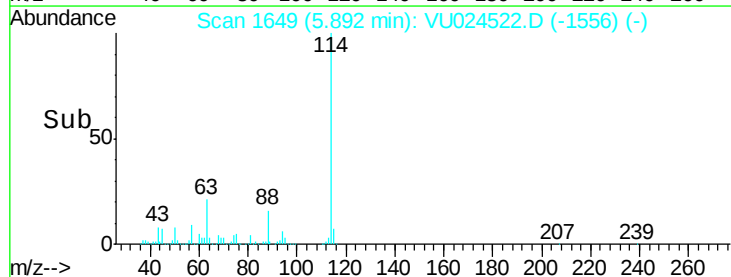
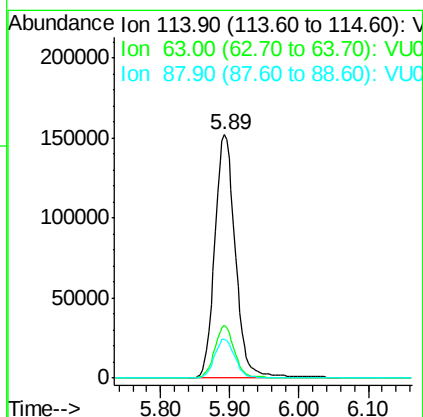
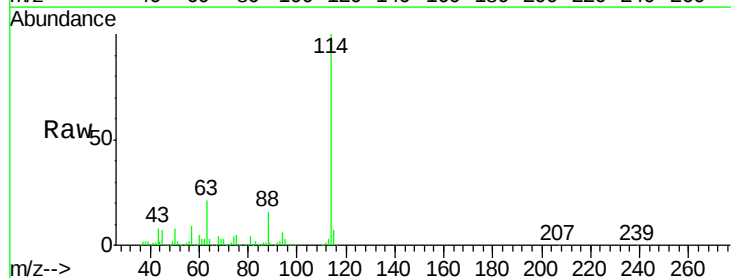
Instrument :
 MSVOA_U
 ClientSampleId :
 SB-49(0-5)

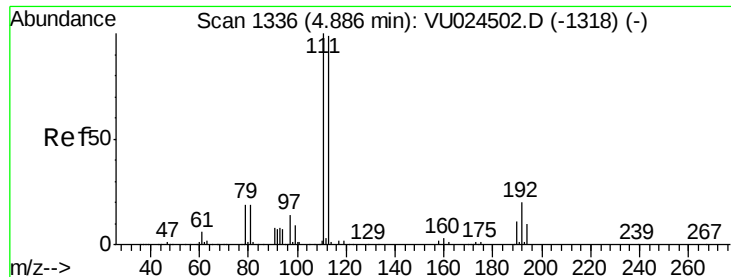
Tot Ion: 65 Resp: 142457
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024522.D
 Acq: 13 Jun 2018 20:50

Tgt Ion: 114 Resp: 315337
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.4
 88 16.1 0.0 31.0

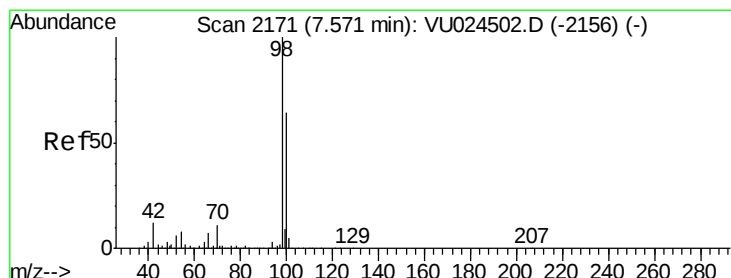
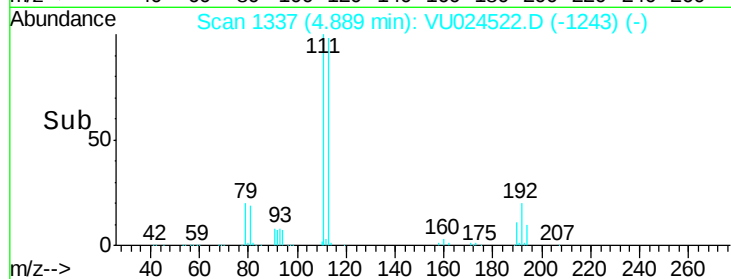
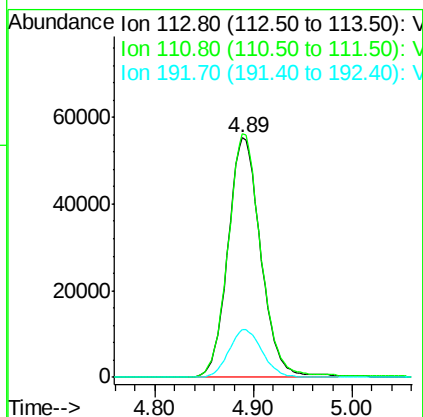
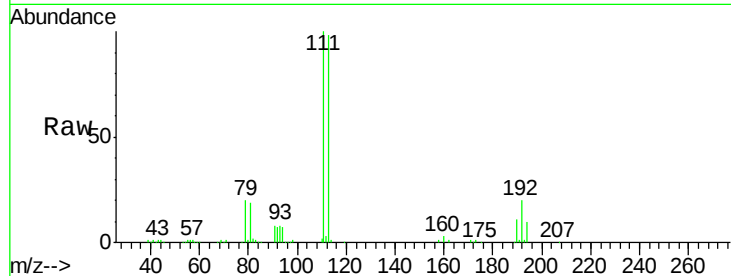




#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

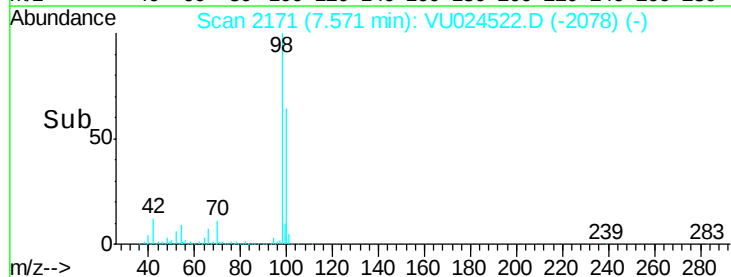
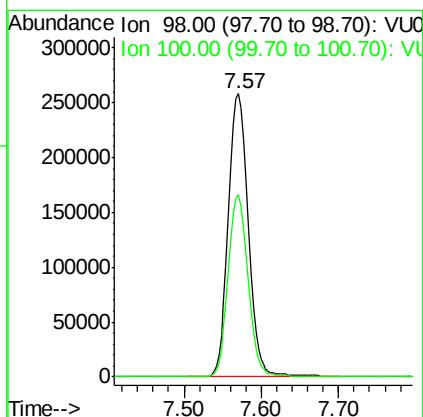
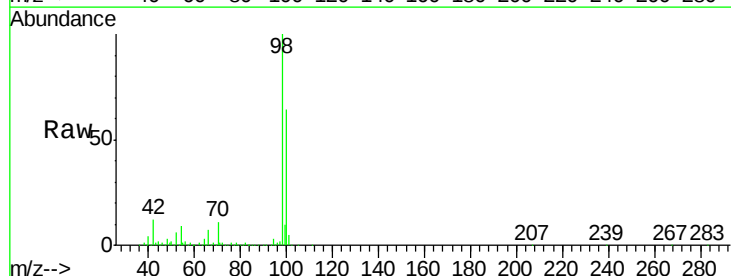
Instrument :
MSVOA_U
ClientSampleId :
SB-49(0-5)

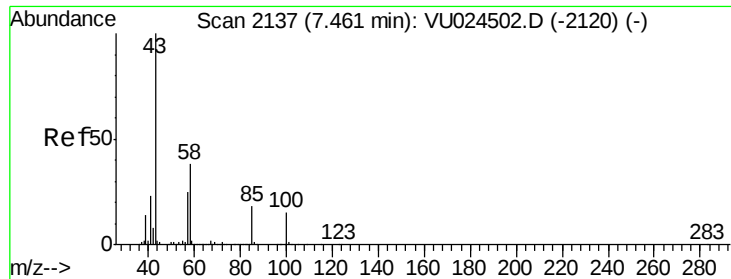
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.2	123.4
192	20.3	16.2	24.4



#50
Toluene-d8
Concen: 48.342 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

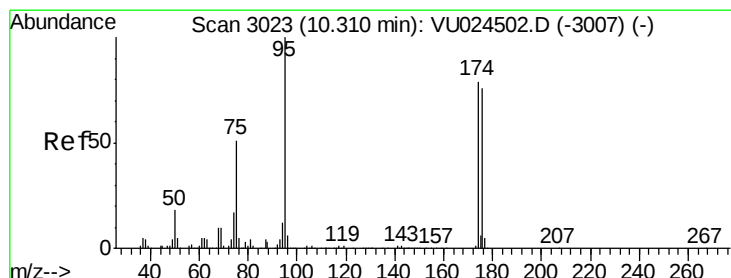
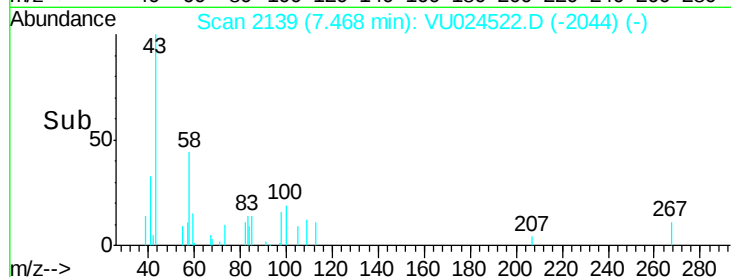
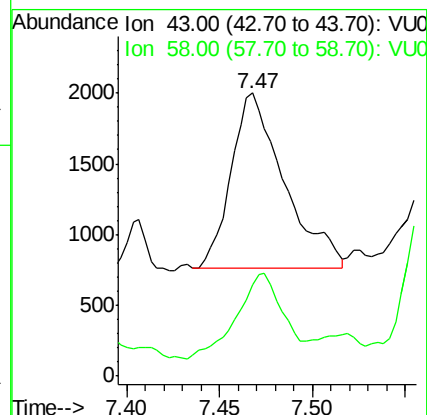
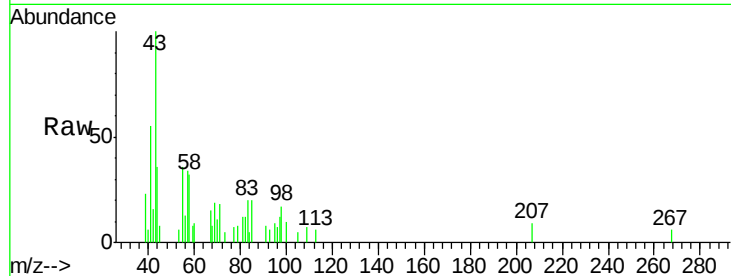
SB-49(0-5)

Tot Ion: 43 Resp: 2474

Ion Ratio Lower Upper

43 100

58 42.4 30.0 45.0



#62

4-Bromofluorobenzene

Concen: 48.310 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

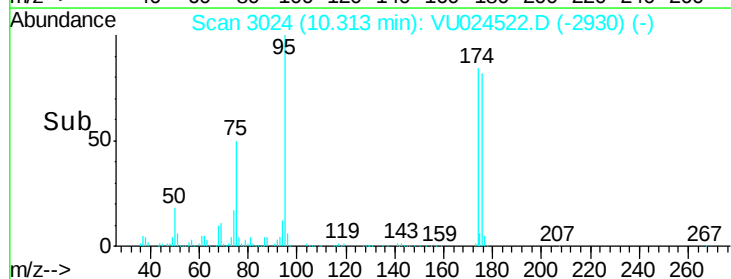
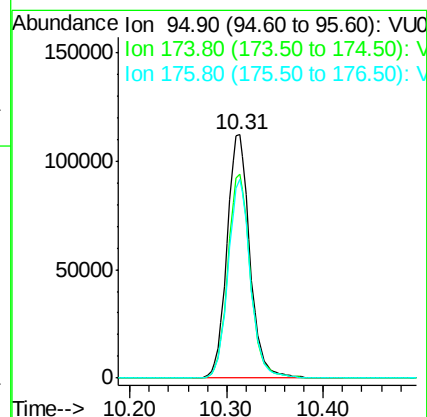
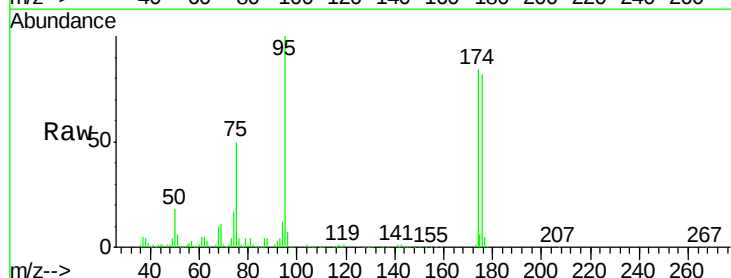
Tgt Ion: 95 Resp: 183101

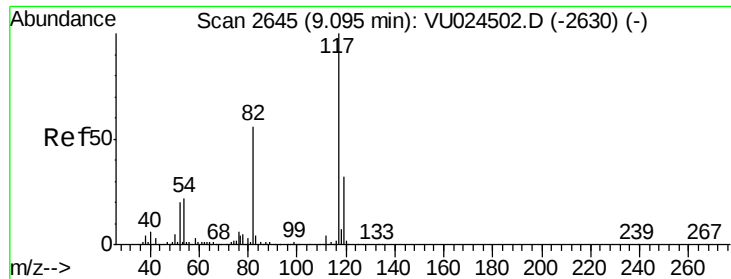
Ion Ratio Lower Upper

95 100

174 82.6 0.0 165.8

176 79.8 0.0 159.4

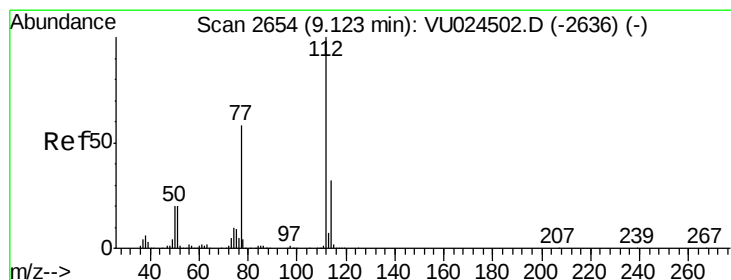
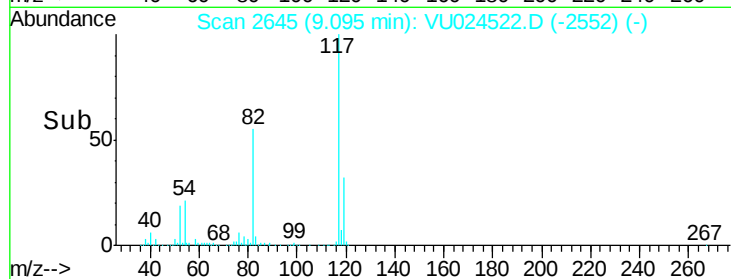
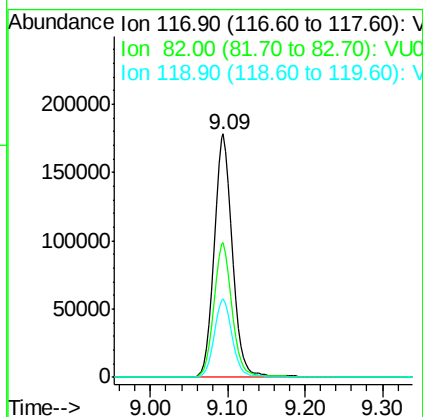
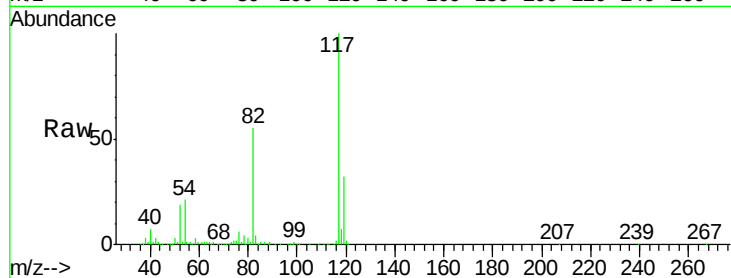




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

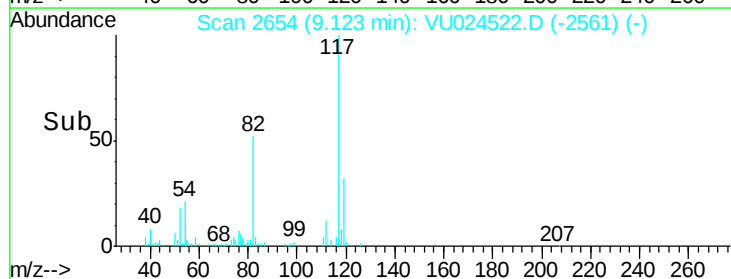
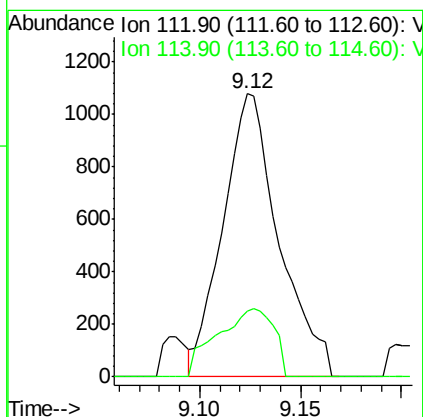
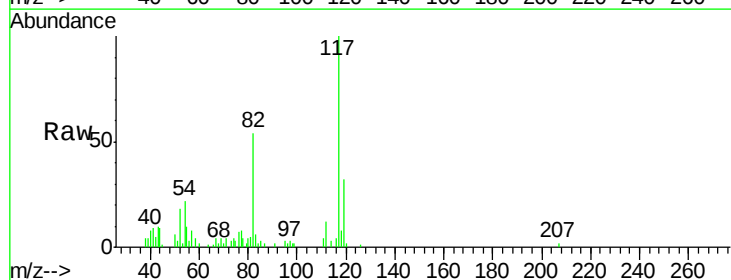
Instrument :
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SB-49(0-5)

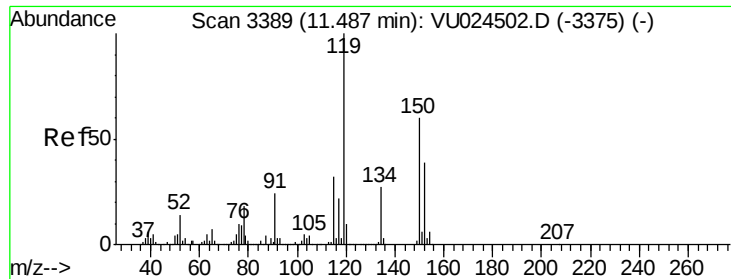
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.4	25.4	38.2



#65
Chlorobenzene
Concen: 0.272 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024522.D
Acq: 13 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	23.5	25.6	38.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

SB-49(0-5)

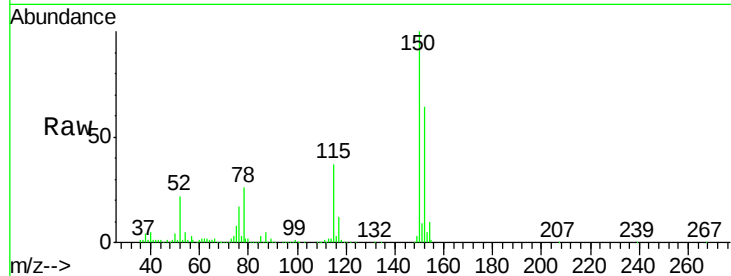
Tot Ion:152 Resp: 177102

Ion Ratio Lower Upper

152 100

115 58.0 43.0 129.0

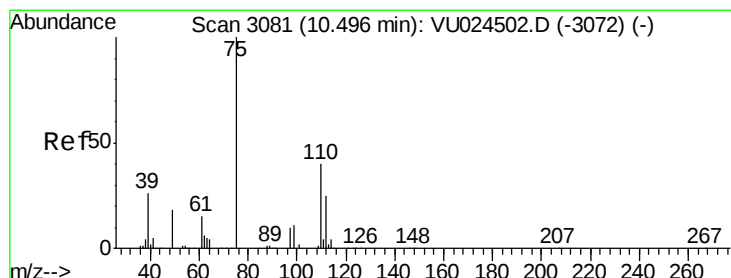
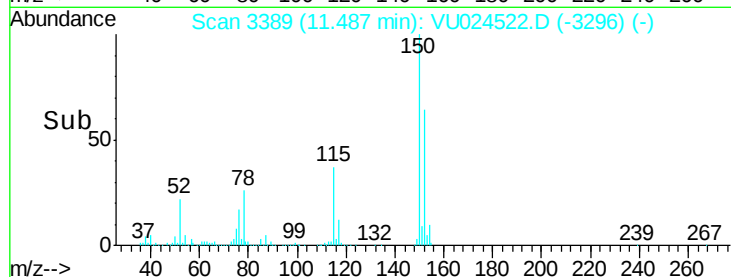
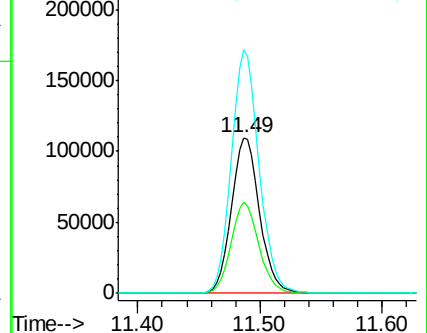
150 155.0 0.0 354.0



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: 23.328 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024522.D

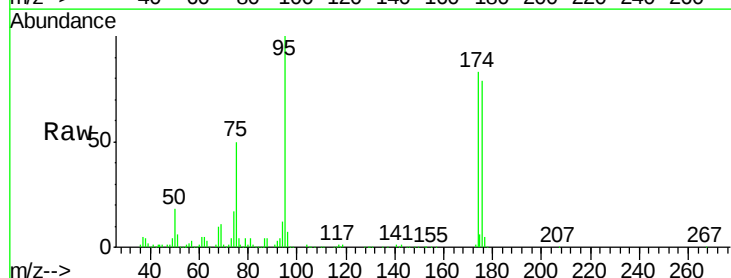
Acq: 13 Jun 2018 20:50

Tgt Ion: 75 Resp: 90958

Ion Ratio Lower Upper

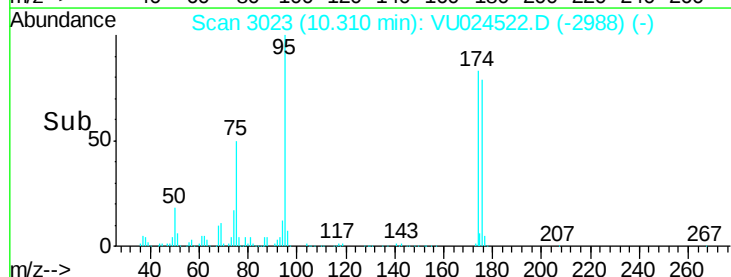
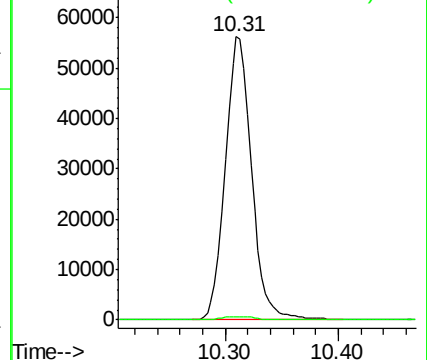
75 100

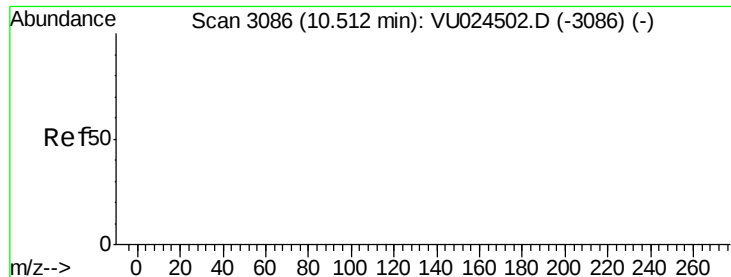
77 1.7 20.9 62.7#



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: 53.990 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

SB-49(0-5)

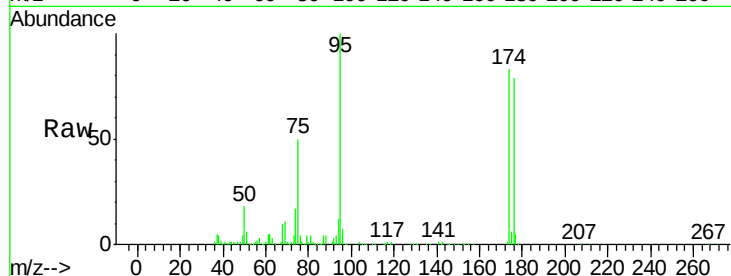
Tot Ion: 75 Resp: 90958

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

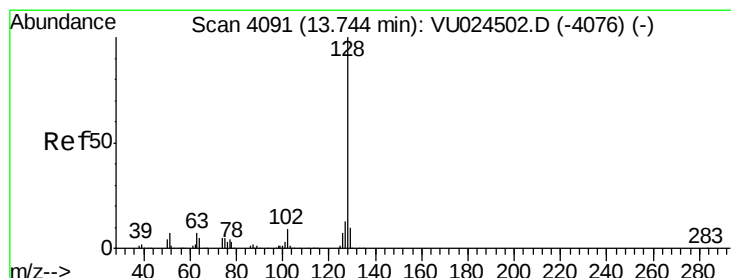
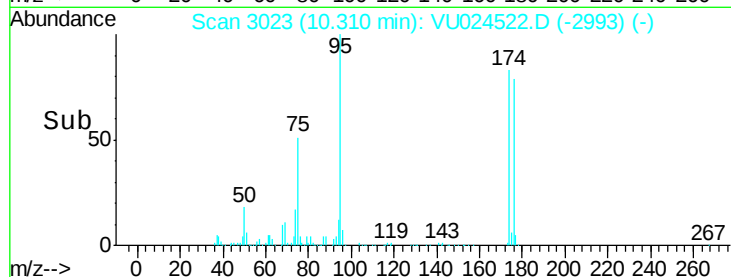
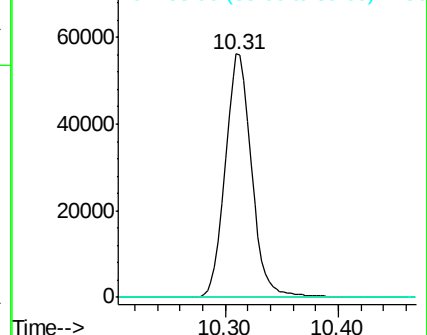
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024522.D (-2993) (-)

Ion 53.00 (52.70 to 53.70): VU024522.D (-2993) (-)

Ion 88.90 (88.60 to 89.60): VU024522.D (-2993) (-)



#95

Naphthalene

Concen: 0.767 ug/l

RT: 13.76 min Scan# 4096

Delta R.T. 0.02 min

Lab File: VU024522.D

Acq: 13 Jun 2018 20:50

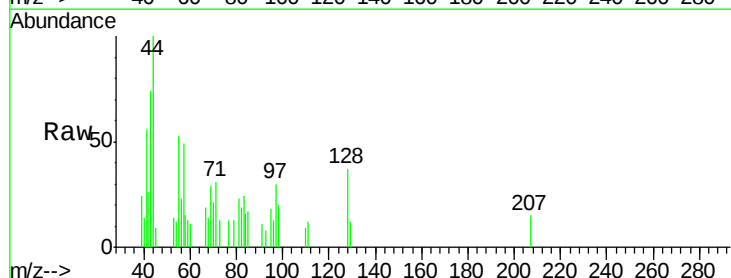
Tgt Ion:128 Resp: 1155

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 7.3 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU024522.D (-3997) (-)

Ion 127.00 (126.70 to 127.70): VU024522.D (-3997) (-)

Ion 129.00 (128.70 to 129.70): VU024522.D (-3997) (-)

