

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028691.D
 Acq On : 14 Dec 2018 18:27
 Operator : MD/SY
 Sample : J6393-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

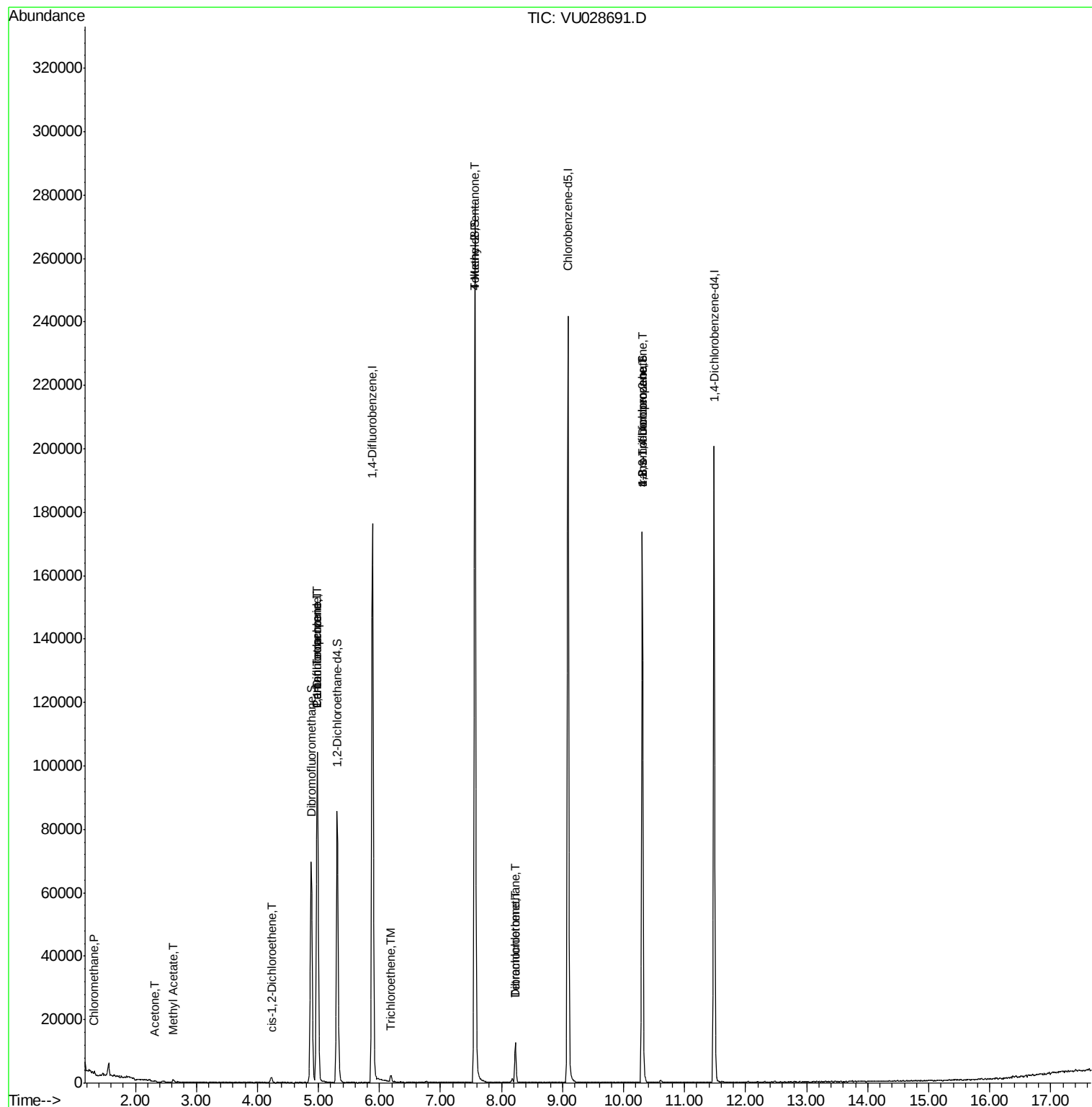
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65816	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
35) Dibromofluoromethane	4.88	113	47986	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
50) Toluene-d8	7.57	98	179568	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	10.30	95	58621	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	803	0.417	ug/l	97
16) Acetone	2.32	43	537	0.690	ug/l	89
18) Methyl Acetate	2.63	43	1303	0.646	ug/l #	67
27) cis-1,2-Dichloroethene	4.22	96	530	0.478	ug/l	36
31) Cyclohexane	4.98	56	1802	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6845	4.439	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7685	6.184	ug/l #	15
44) Trichloroethene	6.18	130	770	0.763	ug/l	82
51) 4-Methyl-2-Pentanone	7.57	43	937	0.471	ug/l #	1
60) Dibromochloromethane	8.22	129	2681	2.592	ug/l #	10
64) Tetrachloroethene	8.23	164	2844	3.371	ug/l	96
76) 1,2,3-Trichloropropane	10.30	75	30171	24.121	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	30171	59.208	ug/l #	100

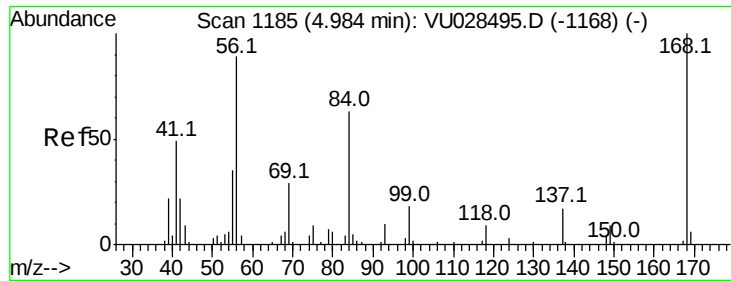
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 00:39:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

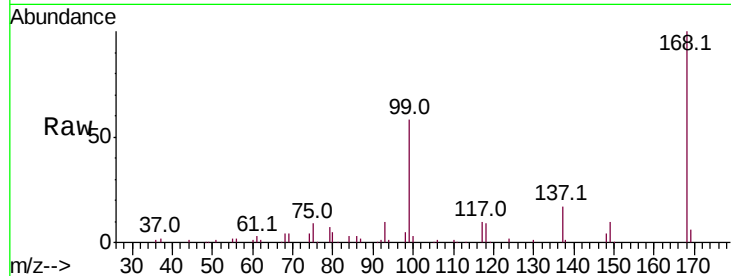
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 78187

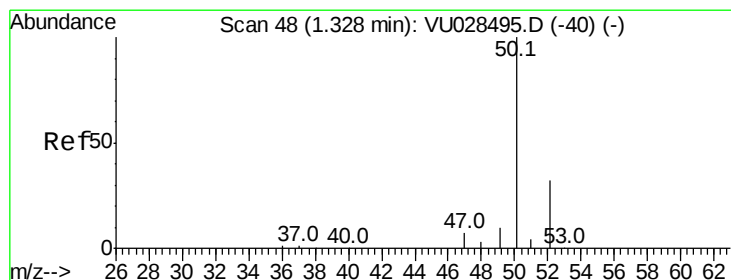
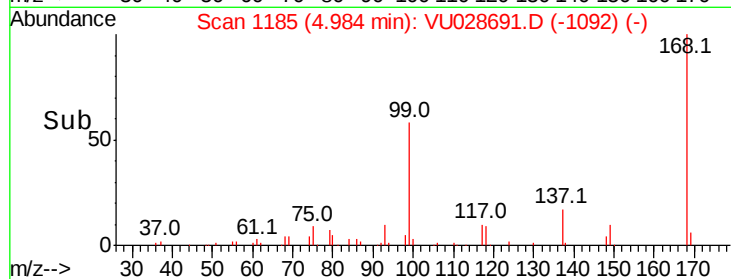
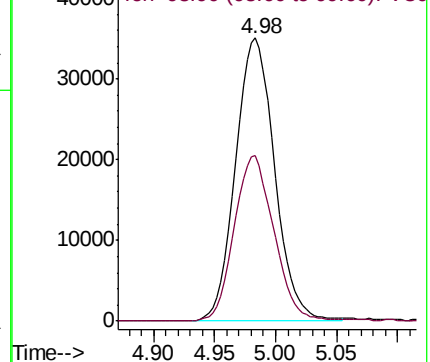
Ion Ratio Lower Upper

168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.417 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028691.D

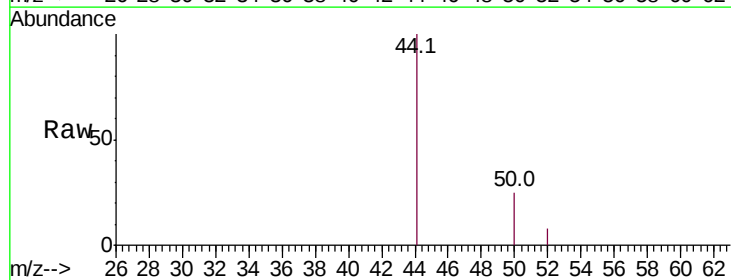
Acq: 14 Dec 2018 18:27

Tgt Ion: 50 Resp: 803

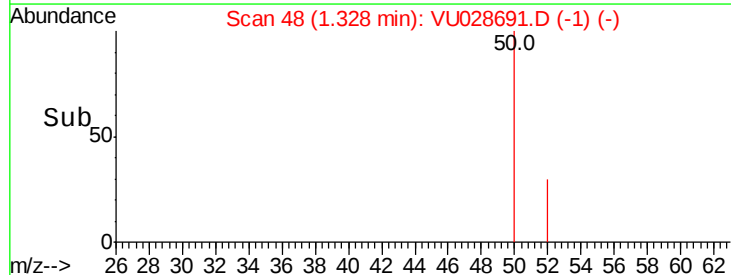
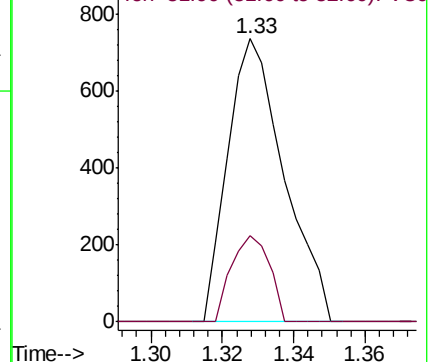
Ion Ratio Lower Upper

50 100

52 30.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)





#16

Acetone

Concen: 0.690 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

Instrument :

MSVOA_U

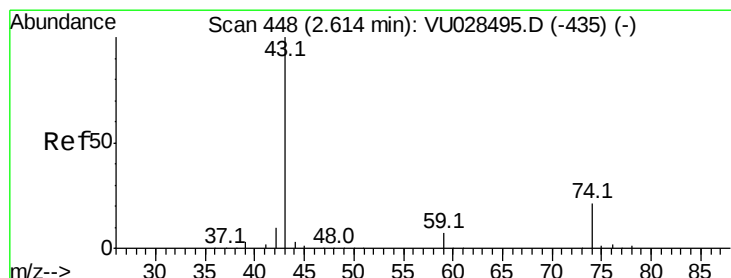
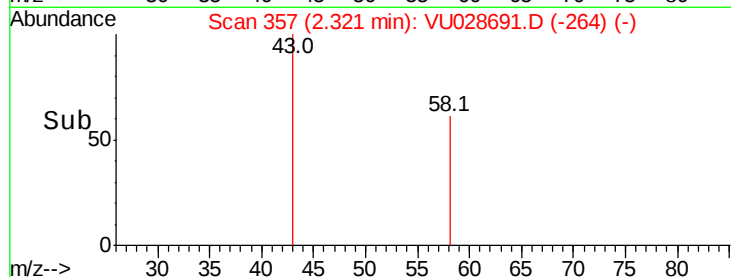
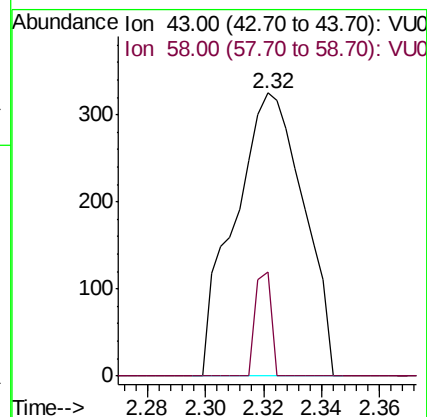
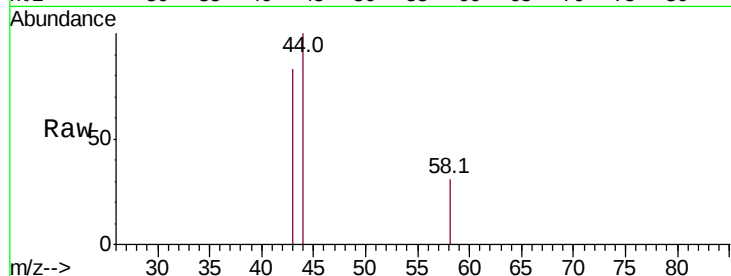
ClientSampleId :

Tot Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

58 36.6 24.6 37.0



#18

Methyl Acetate

Concen: 0.646 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028691.D

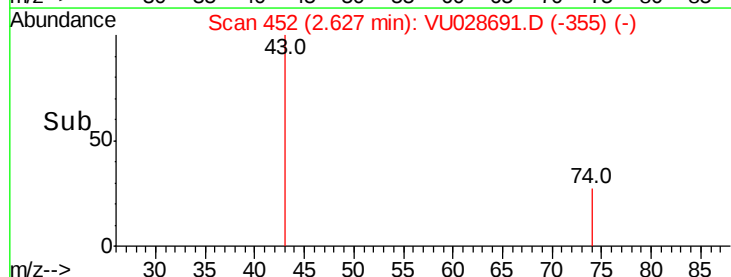
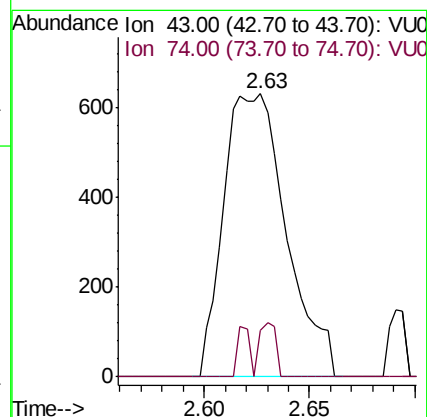
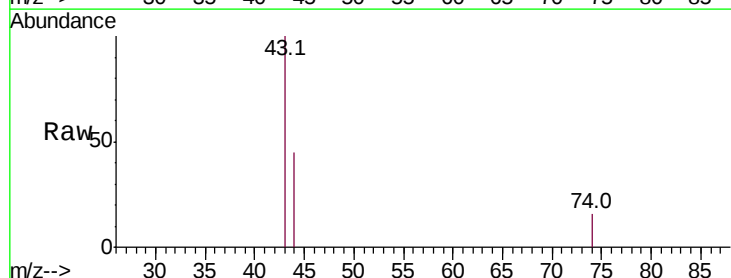
Acq: 14 Dec 2018 18:27

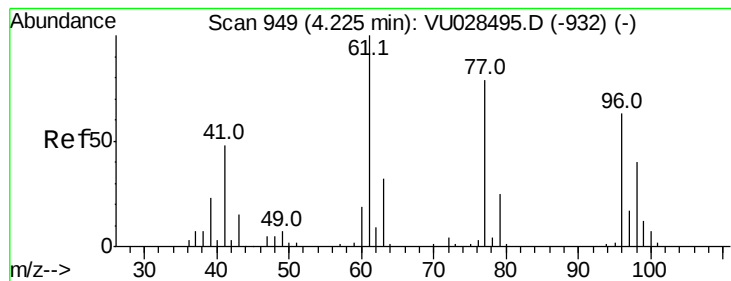
Tgt Ion: 43 Resp: 1303

Ion Ratio Lower Upper

43 100

74 5.0 16.4 24.6#



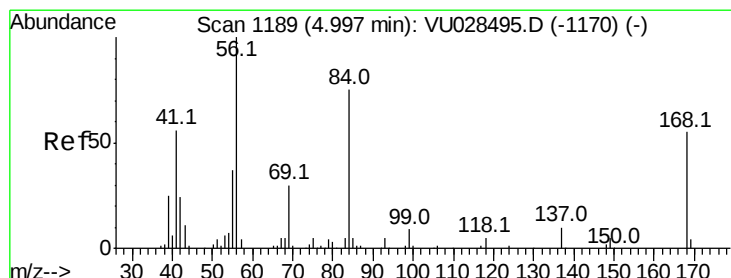
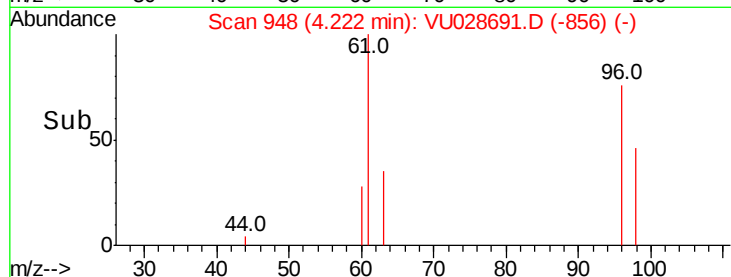
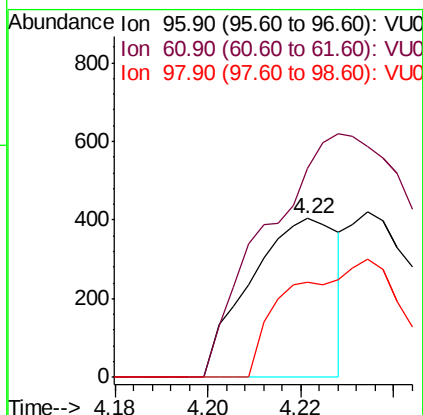
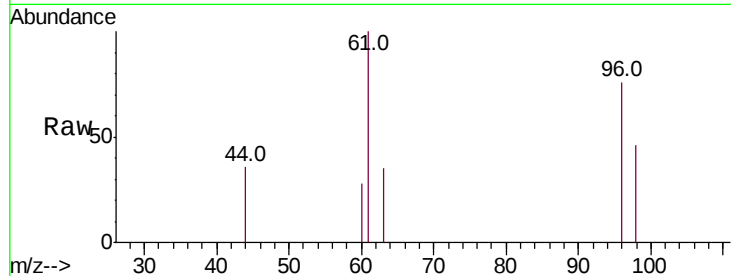


#27

cis-1,2-Dichloroethene
 Concen: 0.478 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

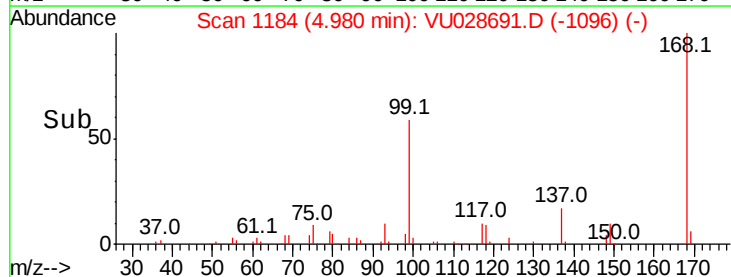
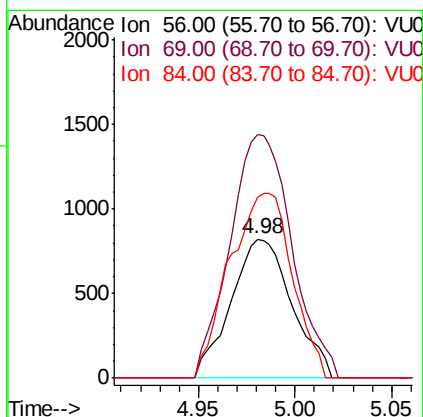
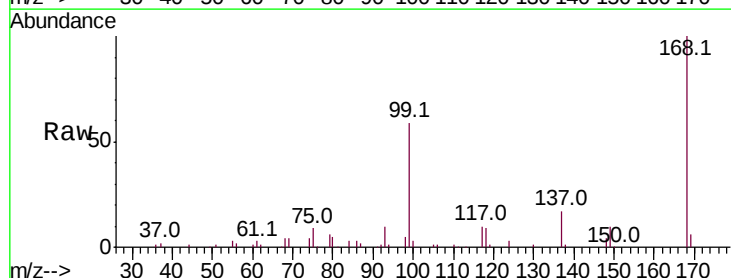
Tot Ion: 96 Resp: 530
 Ion Ratio Lower Upper
 96 100
 61 267.2 0.0 332.4
 98 94.3 0.0 129.0

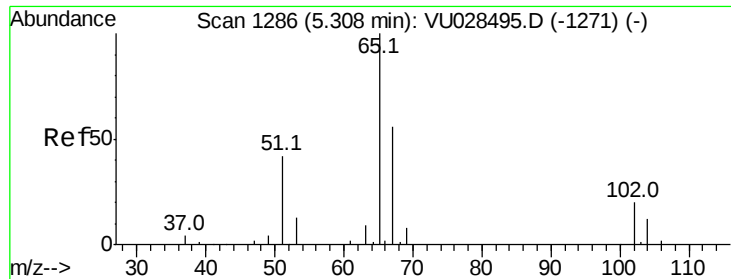


#31

Cyclohexane
 Concen: Below Cal
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Tgt Ion: 56 Resp: 1802
 Ion Ratio Lower Upper
 56 100
 69 175.4 24.0 36.0#
 84 130.5 59.7 89.5#

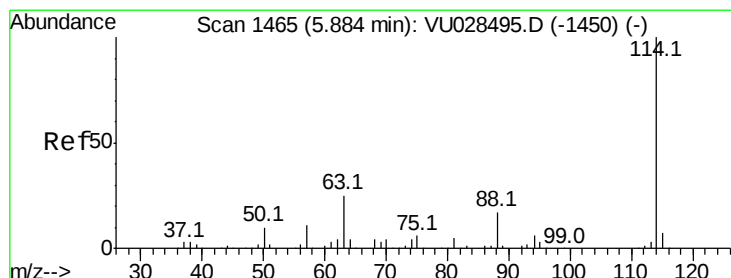
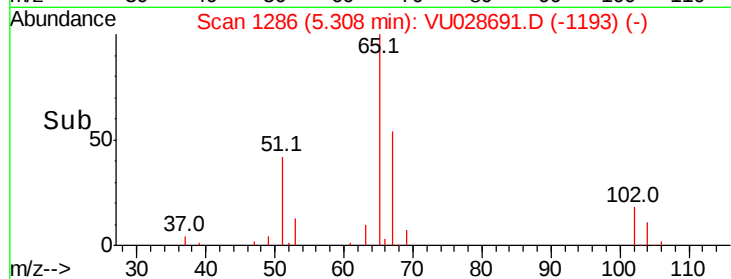
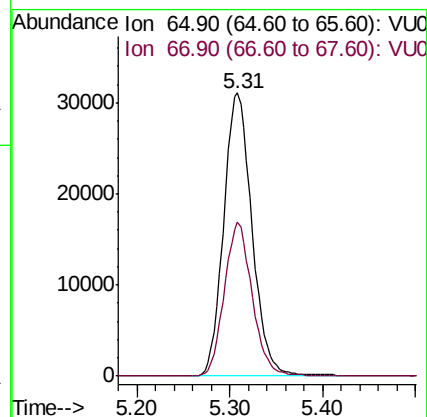
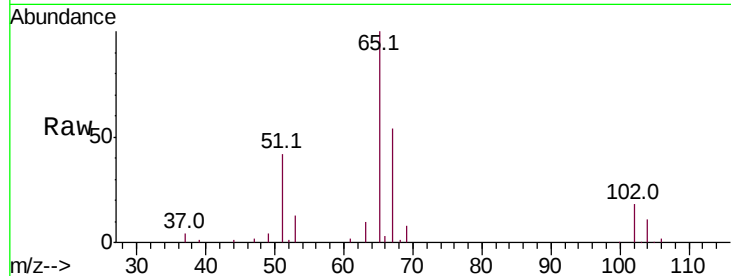




#33
 1,2-Dichloroethane-d4
 Concen: 55.160 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

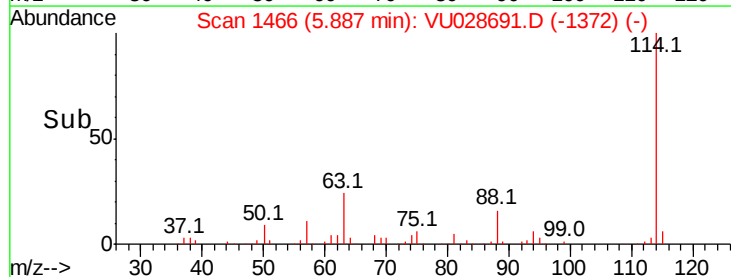
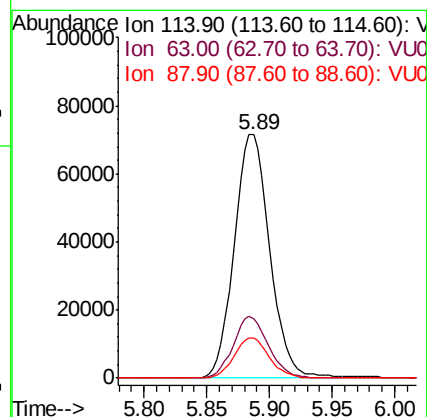
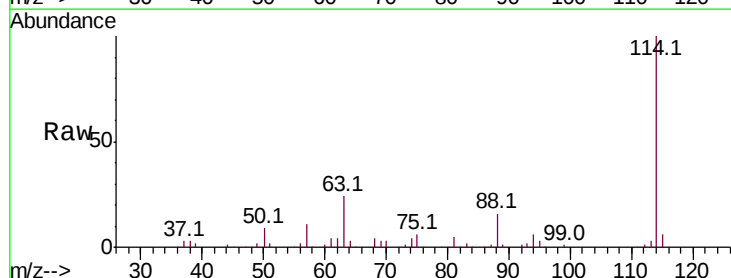
Instrument :
 MSVOA_U
 ClientSampleId :

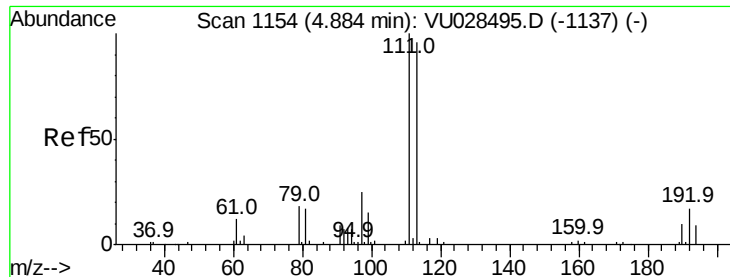
Tot Ion: 65 Resp: 65816
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Tgt Ion: 114 Resp: 140904
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.5 0.0 33.4

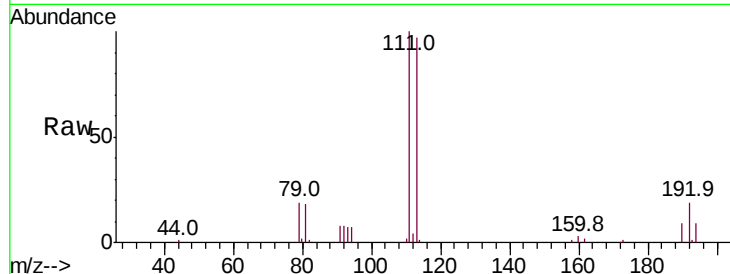




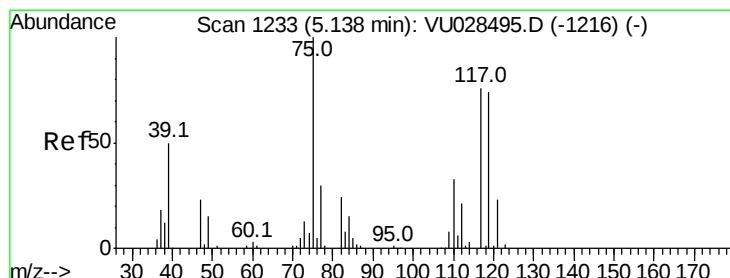
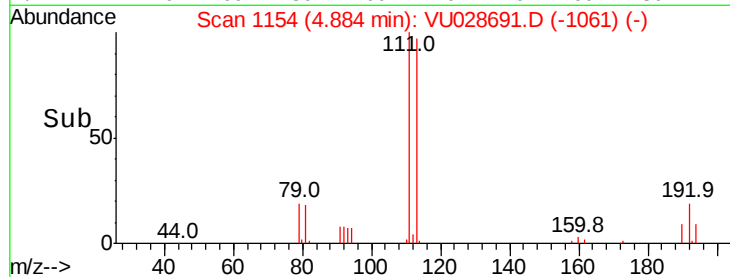
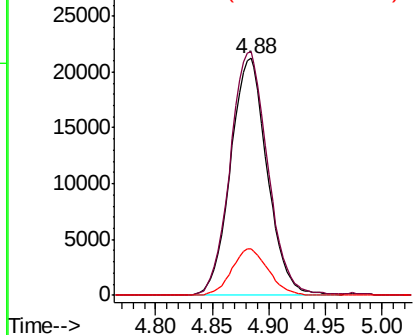
#35
 Dibromofluoromethane
 Concen: 54.116 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:113 Resp: 47986
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.4 125.0
 192 19.4 14.8 22.2

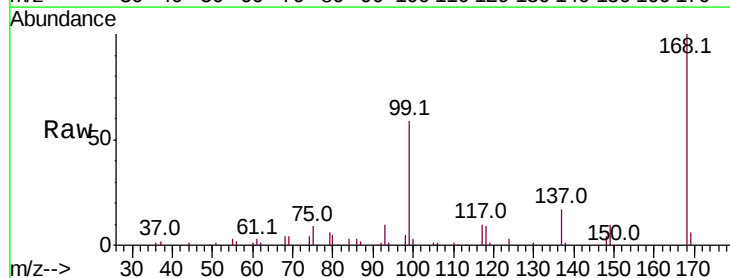


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

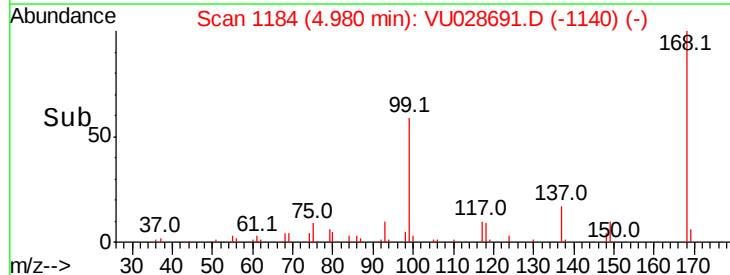
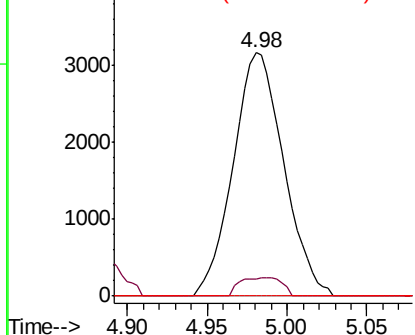


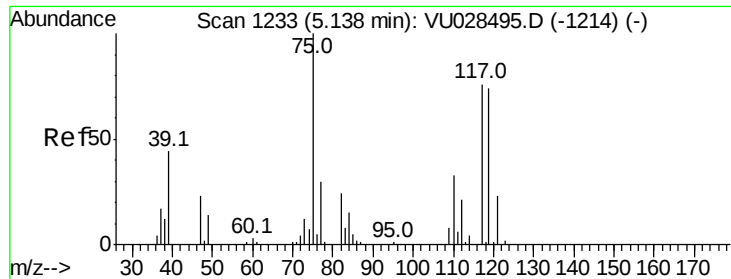
#36
 1,1-Dichloropropene
 Concen: 4.439 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Tgt Ion: 75 Resp: 6845
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.1 48.2#
 77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

Instrument :
MSVOA_U
ClientSampleId :

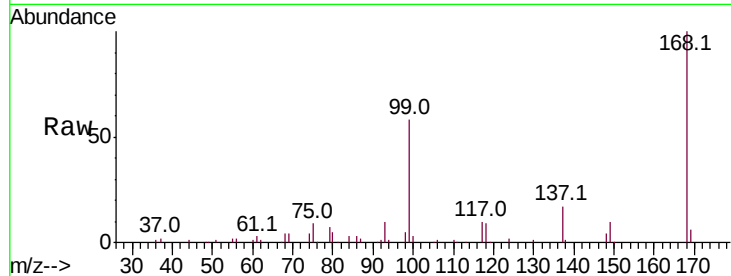
Tot Ion:117 Resp: 7685

Ion Ratio Lower Upper

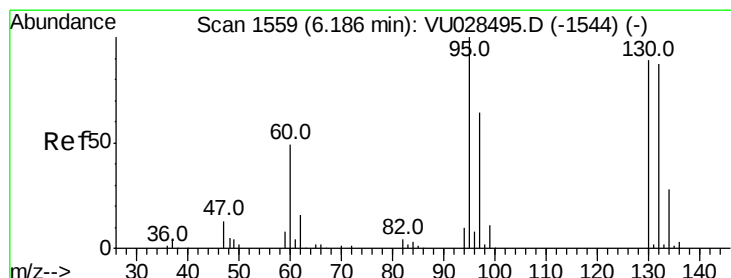
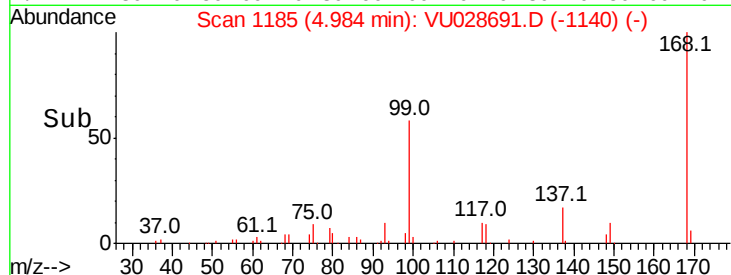
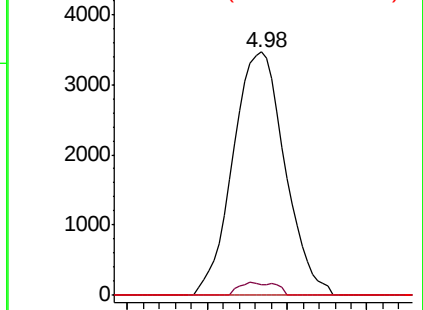
117 100

119 4.4 77.6 116.4#

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



#44

Trichloroethene

Concen: 0.763 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028691.D

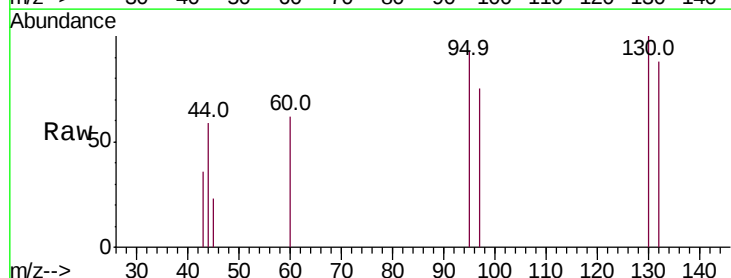
Acq: 14 Dec 2018 18:27

Tgt Ion:130 Resp: 770

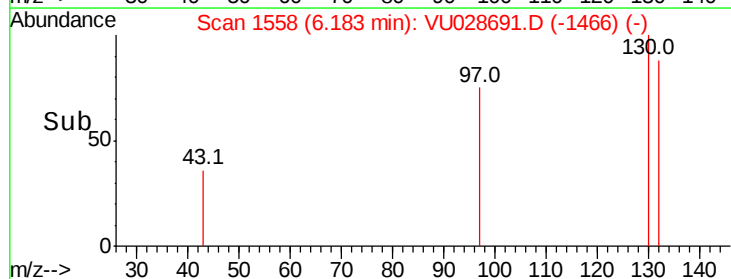
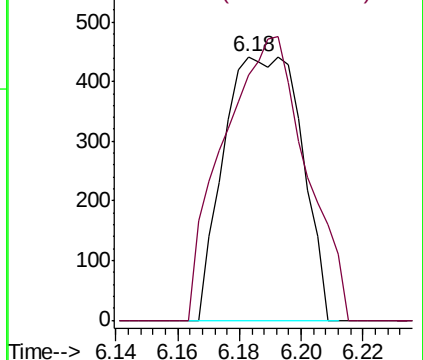
Ion Ratio Lower Upper

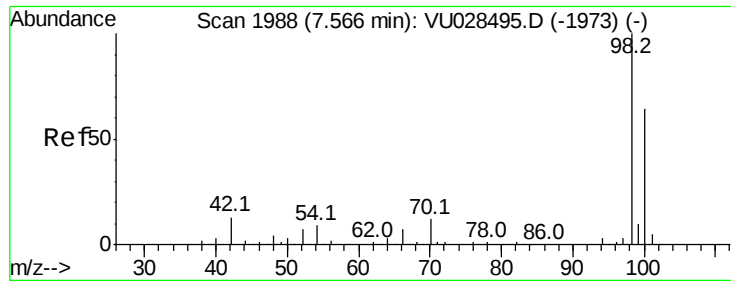
130 100

95 93.0 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

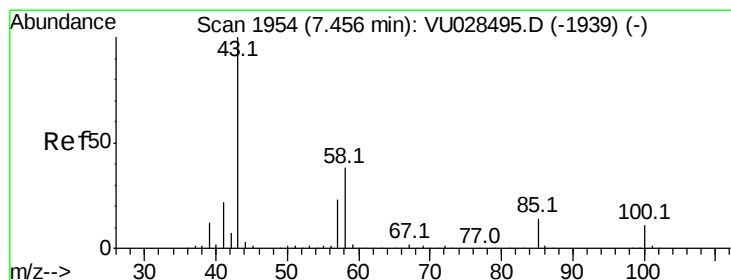
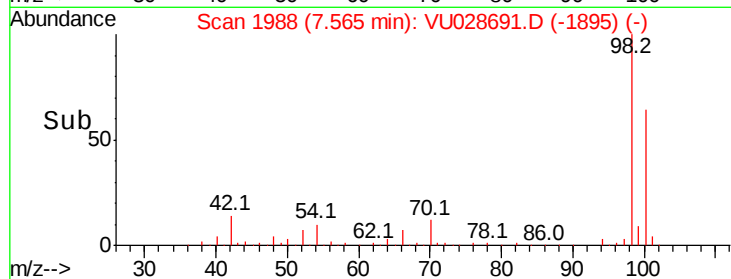
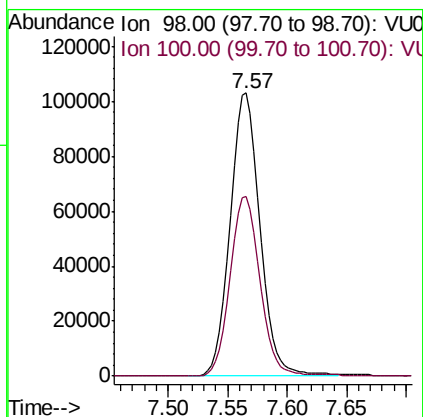
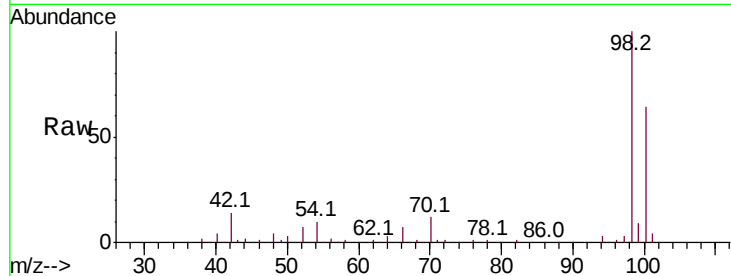




#50
Toluene-d8
Concen: 51.193 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

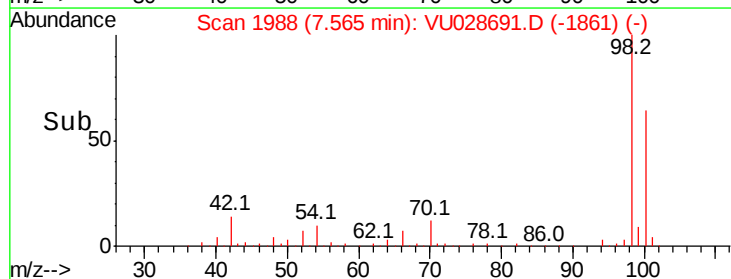
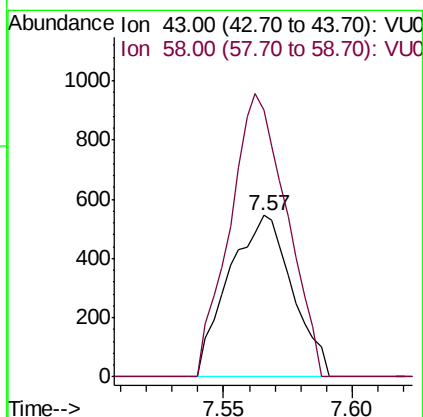
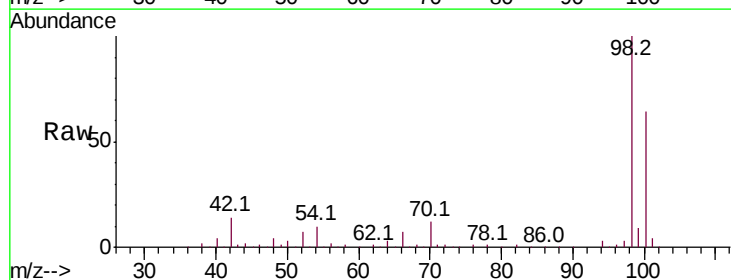
Instrument :
MSVOA_U
ClientSampled :

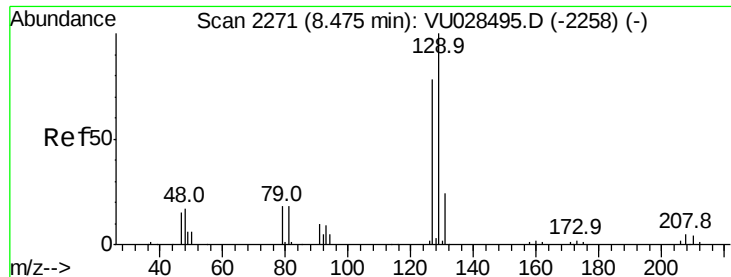
Tot Ion: 98 Resp: 179568
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 156.5 30.2 45.2#





#60

Dibromochloromethane

Concen: 2.592 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

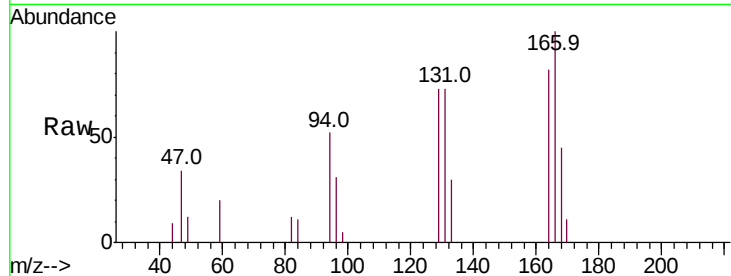
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 2681

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.22

1500

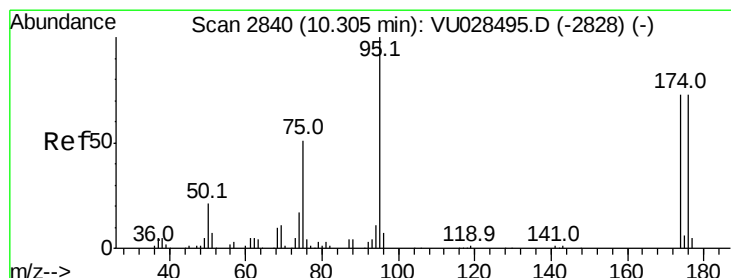
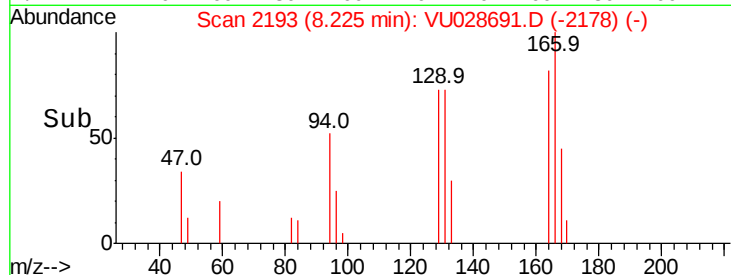
1000

500

0

8.20 8.25

Time-->



#62

4-Bromofluorobenzene

Concen: 44.713 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

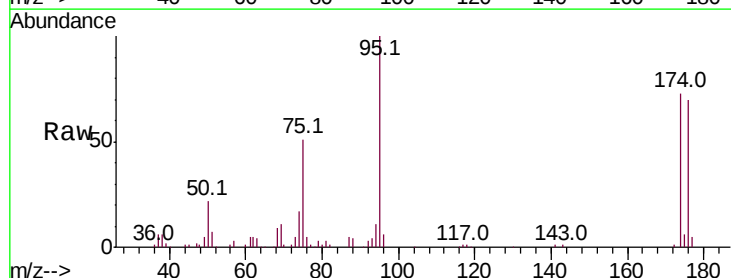
Tgt Ion: 95 Resp: 58621

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 72.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

20000

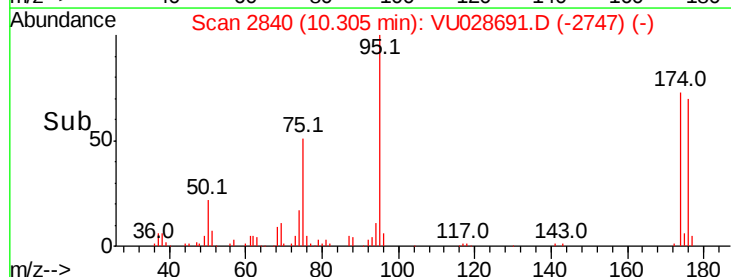
10000

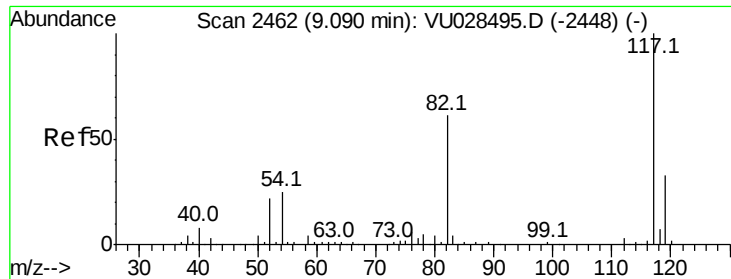
0

10.30

10.40

Time-->

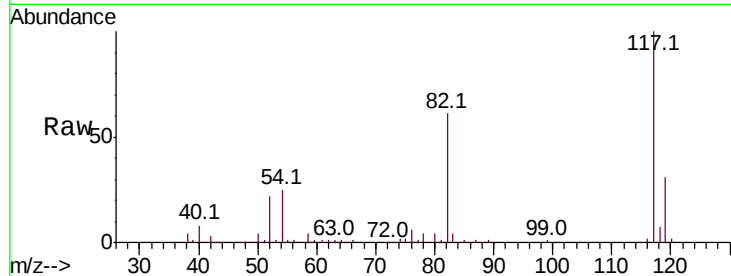




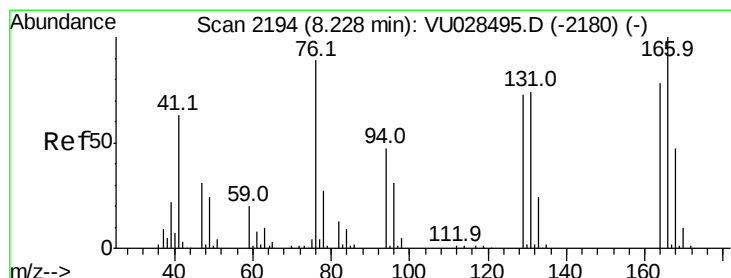
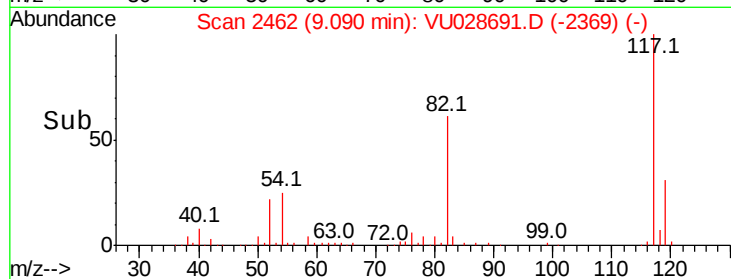
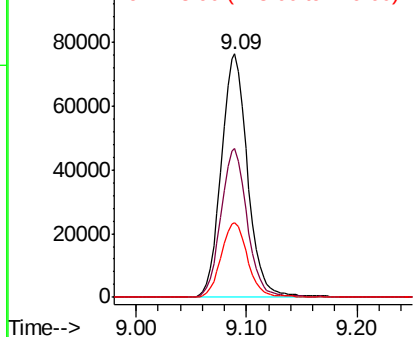
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 126475
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 30.8 26.2 39.4



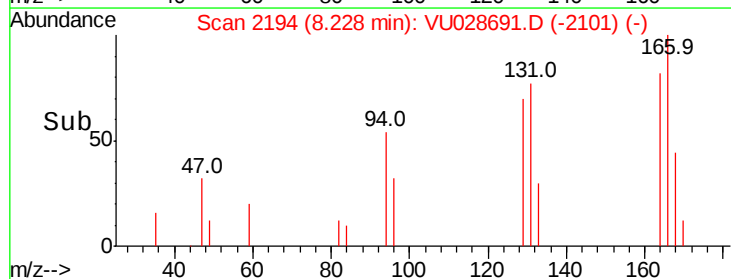
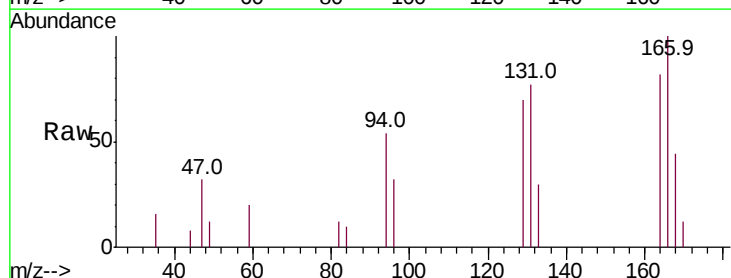
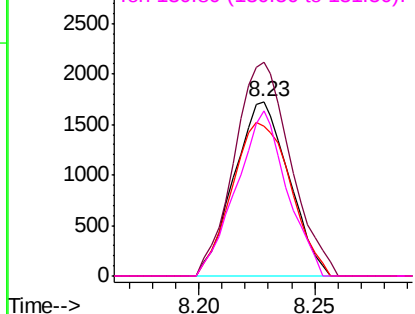
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

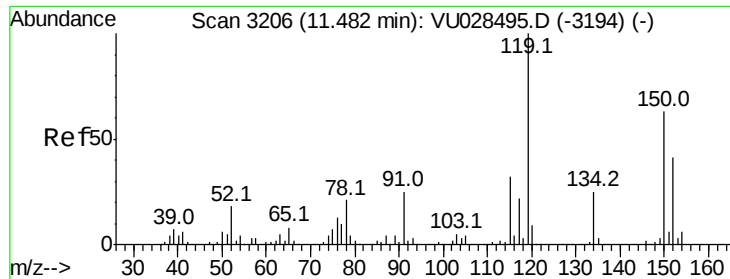


#64
Tetrachloroethene
Concen: 3.371 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Tgt Ion:164 Resp: 2844
Ion Ratio Lower Upper
164 100
166 122.6 101.9 152.9
129 86.2 74.9 112.3
131 95.0 75.4 113.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



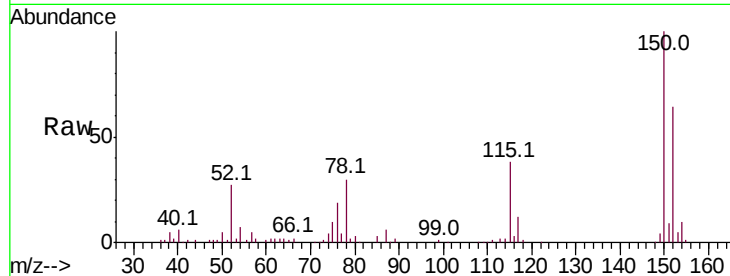


#72

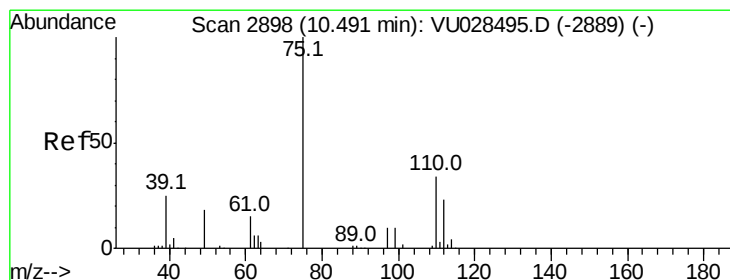
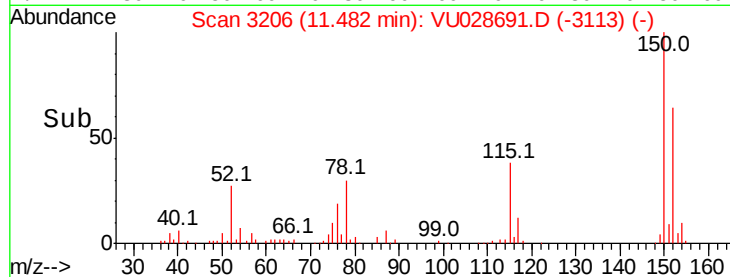
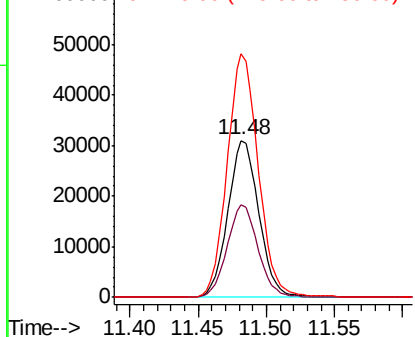
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:152 Resp: 48984
Ion Ratio Lower Upper
152 100
115 58.7 42.7 128.1
150 155.4 0.0 346.0



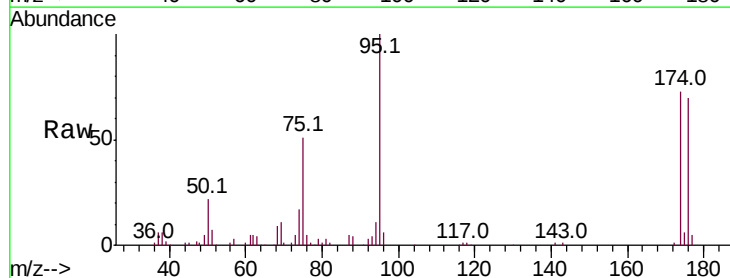
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



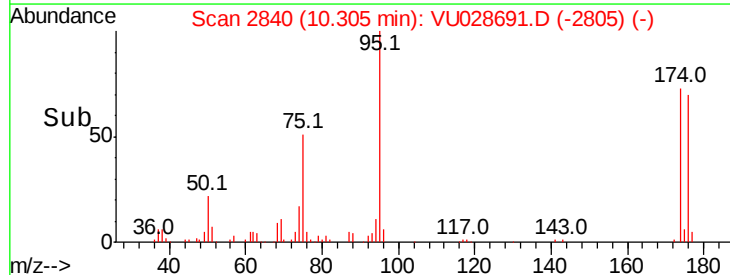
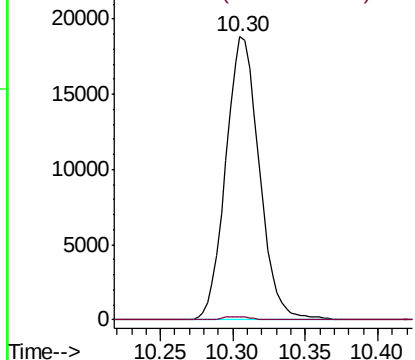
#76

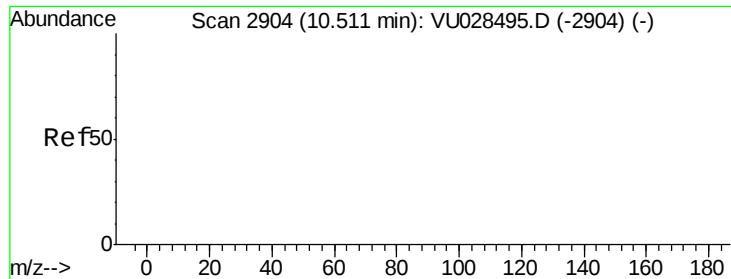
1,2,3-Trichloropropane
Concen: 24.121 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Tgt Ion: 75 Resp: 30171
Ion Ratio Lower Upper
75 100
77 0.8 20.8 62.4#



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: 59.208 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 30171
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

