

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028516.D
 Acq On : 06 Dec 2018 21:13
 Operator : MD/SY
 Sample : J6252-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 06:17:58 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	90582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	79234	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	4.88	113	57761	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	7.57	98	228905	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	10.31	95	83197	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	

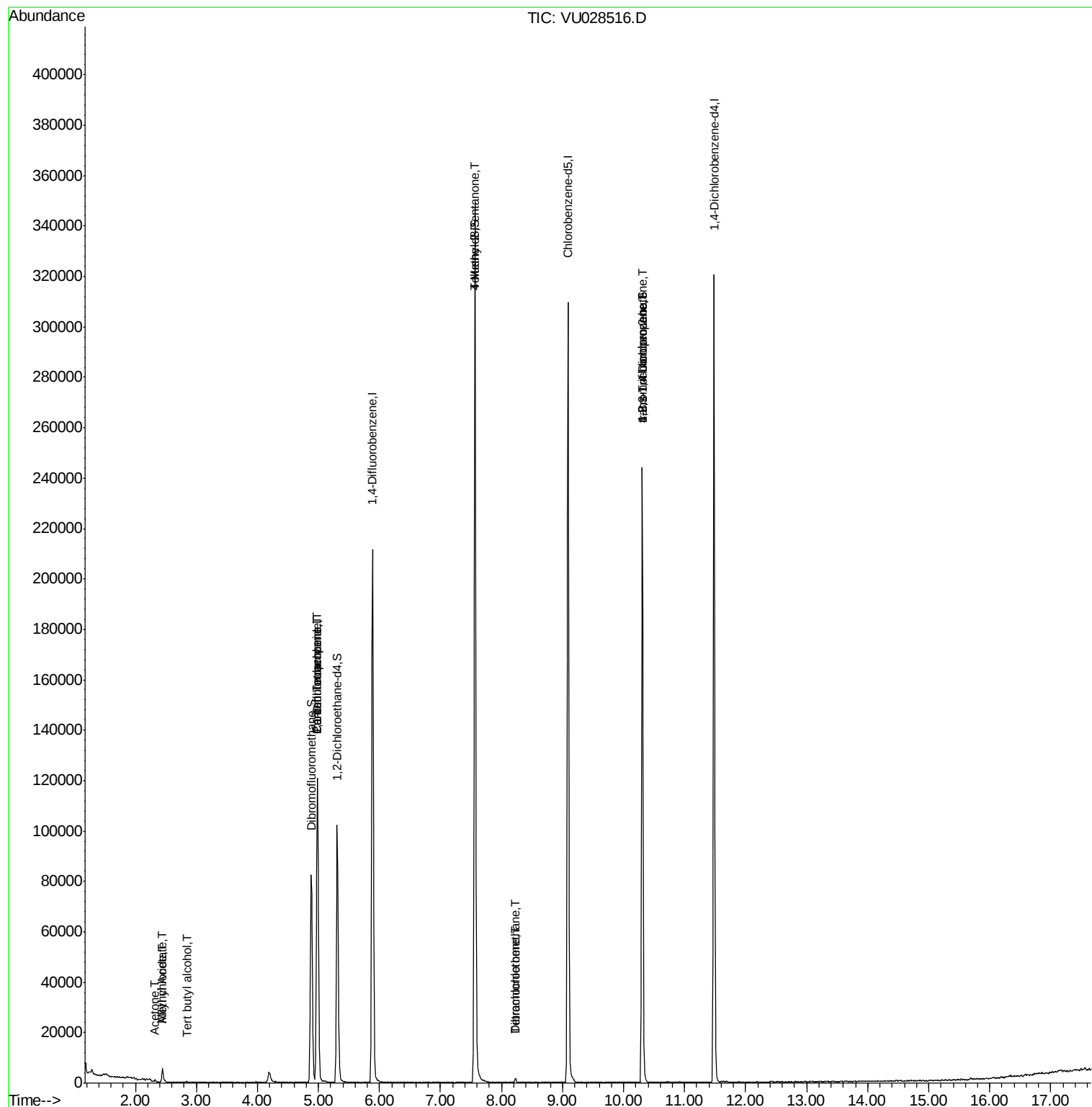
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	274	0.890	ug/l #	73
14) Allyl chloride	2.45	41	481	0.202	ug/l #	60
16) Acetone	2.33	43	1003	1.112	ug/l #	80
18) Methyl Acetate	2.44	43	1135	0.485	ug/l #	56
31) Cyclohexane	4.98	56	2171	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8304	4.359	ug/l #	46
38) Carbon Tetrachloride	4.99	117	9280	6.044	ug/l #	15
51) 4-Methyl-2-Pentanone	7.56	43	1182	0.481	ug/l #	1
60) Dibromochloromethane	8.23	129	374	0.293	ug/l #	10
64) Tetrachloroethene	8.22	164	374	0.342	ug/l	91
76) 1,2,3-Trichloropropane	10.31	75	43741	22.403	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43741	55.030	ug/l #	100

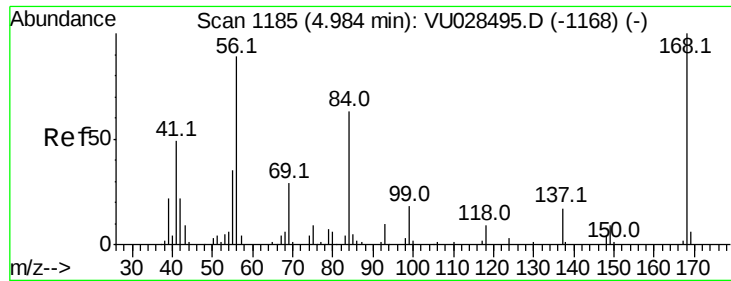
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
Data File : VU028516.D
Acq On : 06 Dec 2018 21:13
Operator : MD/SY
Sample : J6252-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 07 06:17:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

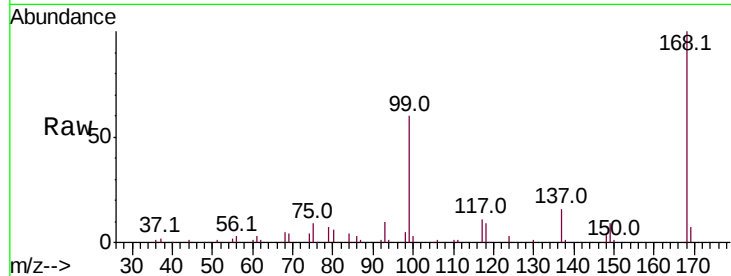
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 90582

Ion Ratio Lower Upper

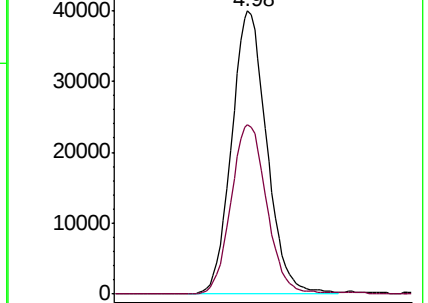
168 100

99 60.0 46.6 69.8

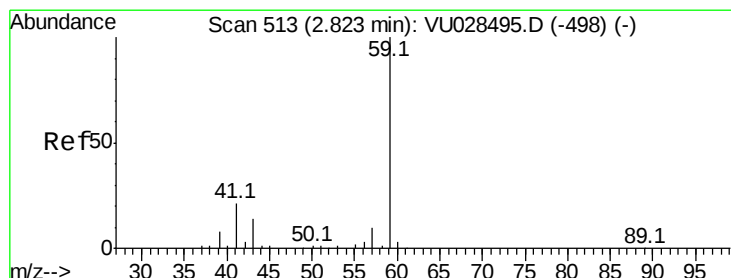
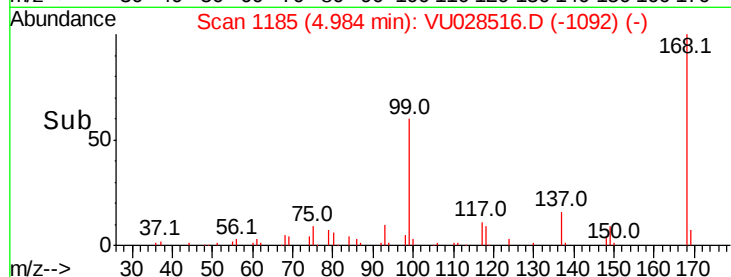


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



Time-->



#11

Tert butyl alcohol

Concen: 0.890 ug/l

RT: 2.84 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU028516.D

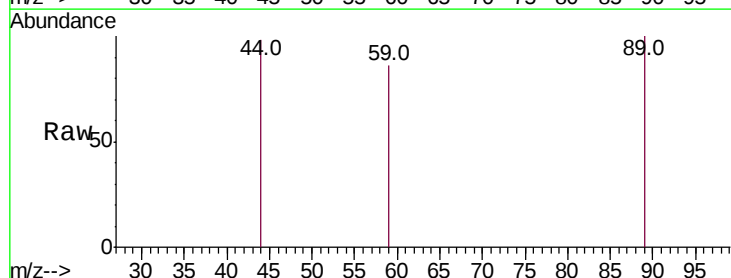
Acq: 06 Dec 2018 21:13

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

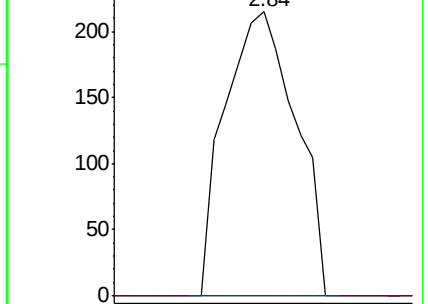
59 100

57 0.0 8.0 12.0#

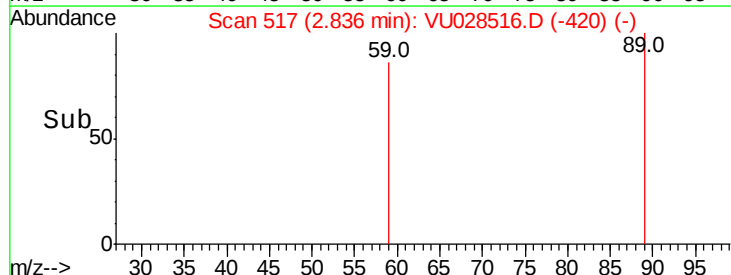


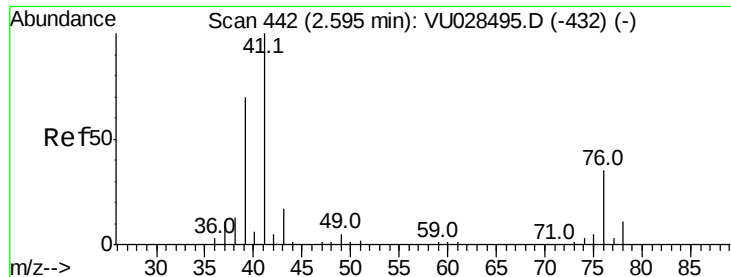
Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)



Time-->





#14

Allvl chloride

Concen: 0.202 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.15 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

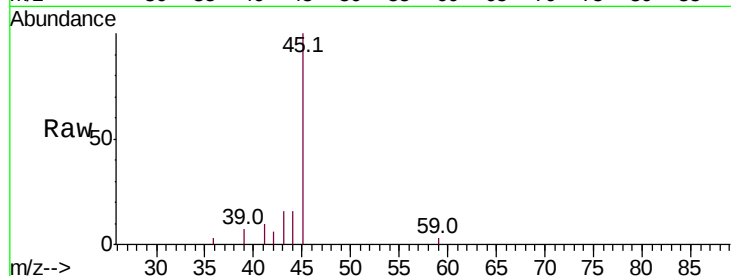
Tot Ion: 41 Resp: 481

Ion Ratio Lower Upper

41 100

39 88.4 50.8 76.2#

76 0.0 24.8 37.2#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.45

300

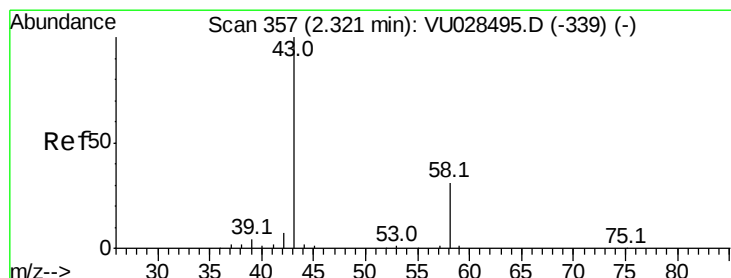
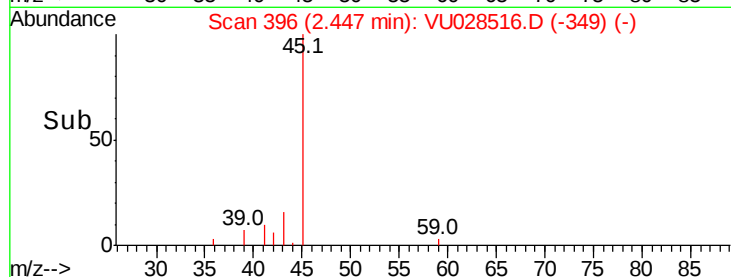
200

100

0

2.40 2.42 2.44 2.46 2.48

Time-->



#16

Acetone

Concen: 1.112 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028516.D

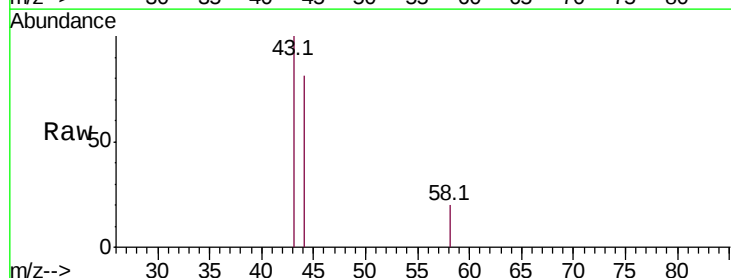
Acq: 06 Dec 2018 21:13

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 20.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

600

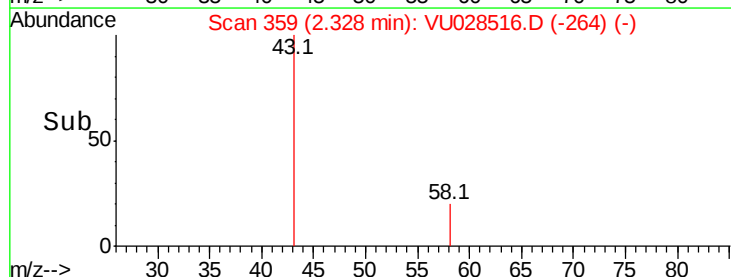
400

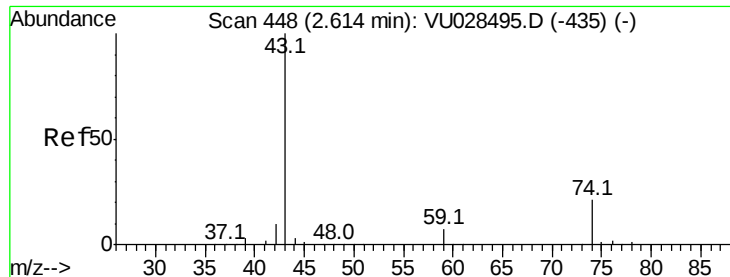
200

0

2.30 2.35

Time-->

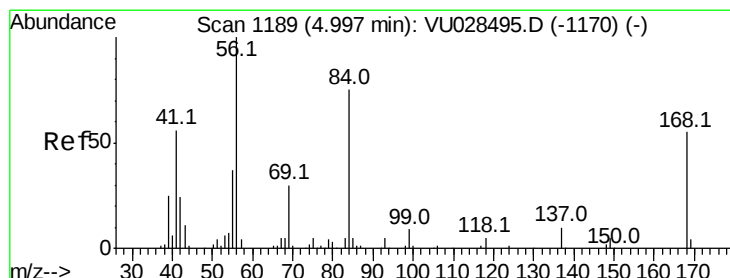
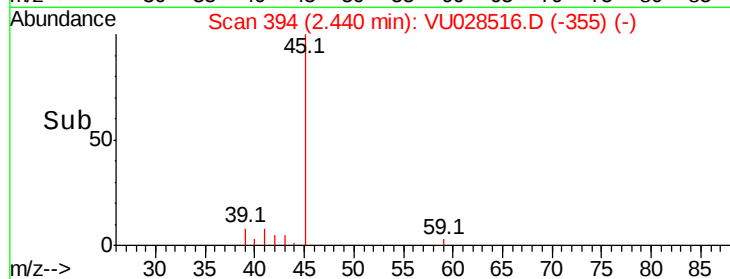
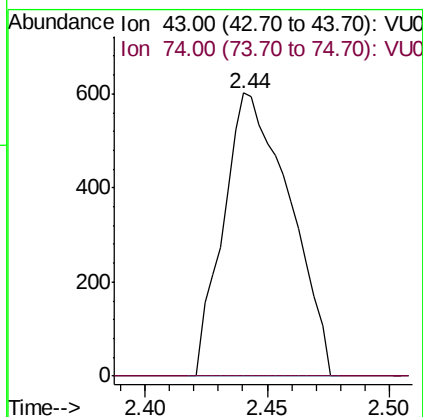
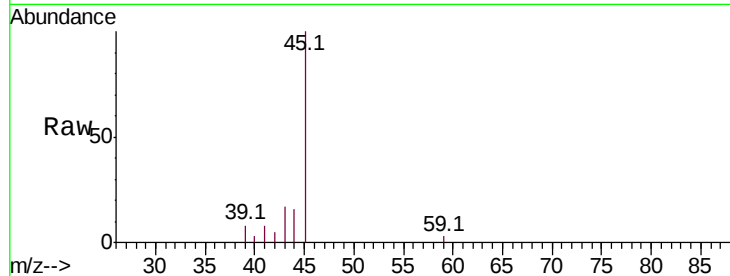




#18
Methyl Acetate
Concen: 0.485 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.17 min
Lab File: VU028516.D
Acq: 06 Dec 2018 21:13

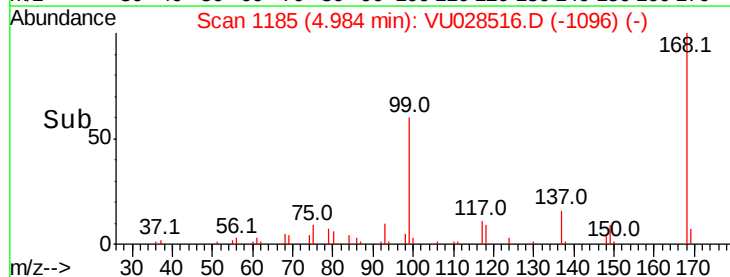
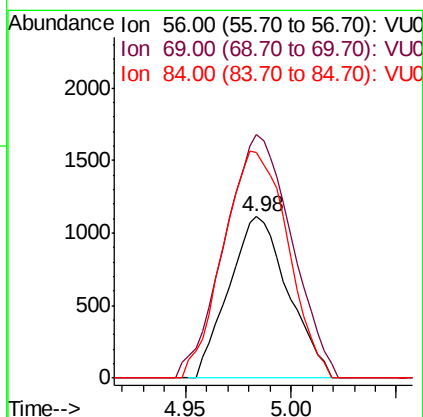
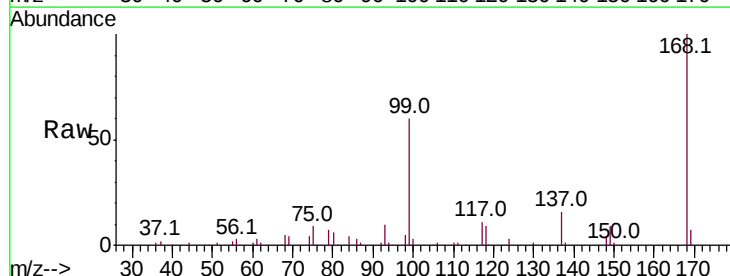
Instrument :
MSVOA_U
ClientSampleId :

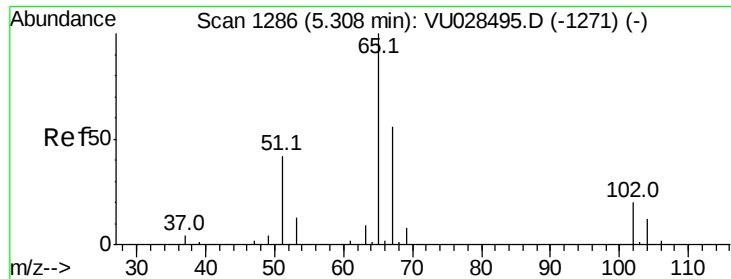
Tot Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028516.D
Acq: 06 Dec 2018 21:13

Tgt Ion: 56 Resp: 2171
Ion Ratio Lower Upper
56 100
69 150.6 24.0 36.0#
84 139.5 59.7 89.5#

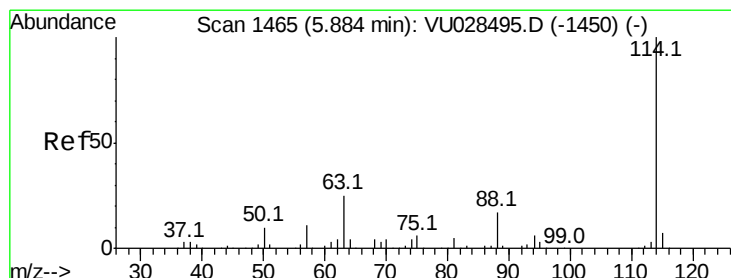
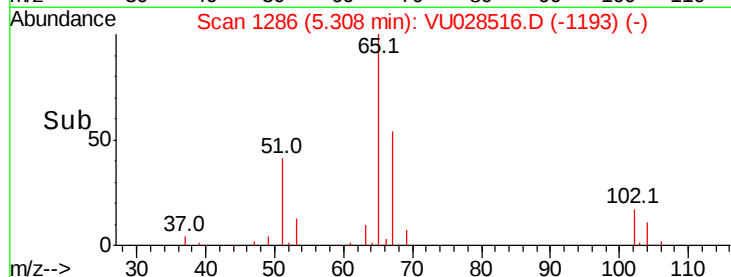
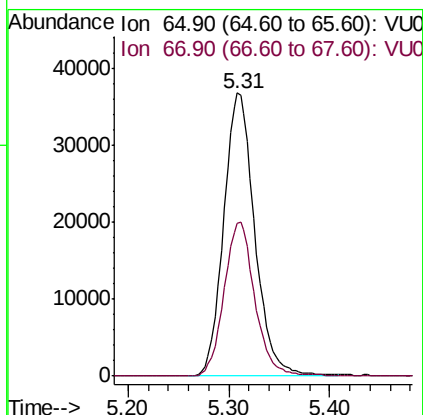
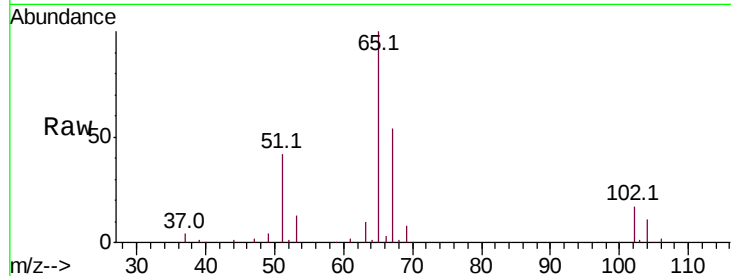




#33
 1,2-Dichloroethane-d4
 Concen: 57.319 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028516.D
 Acq: 06 Dec 2018 21:13

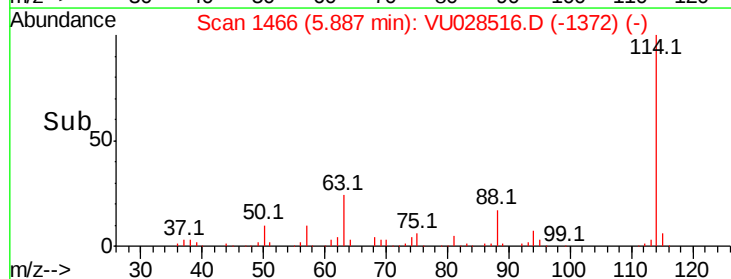
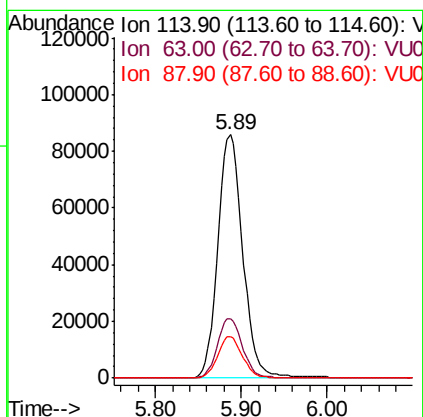
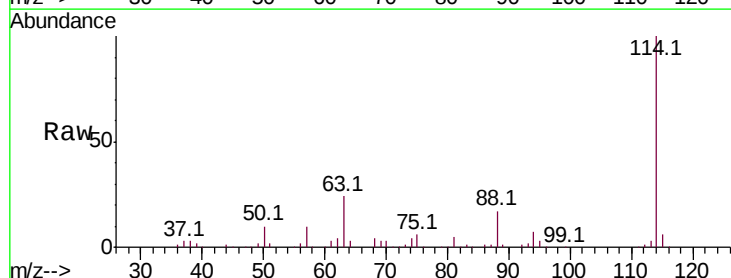
Instrument :
 MSVOA_U
 ClientSampleId :

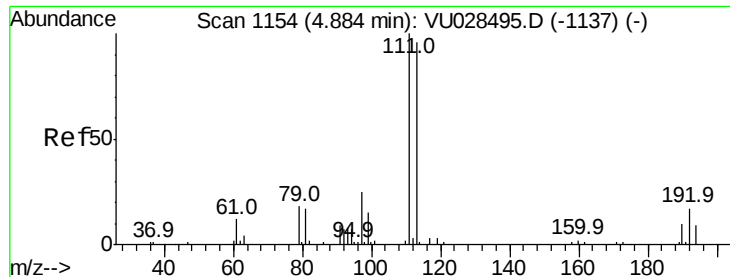
Tot Ion: 65 Resp: 79234
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028516.D
 Acq: 06 Dec 2018 21:13

Tgt Ion: 114 Resp: 174077
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :
MSVOA_U
ClientSampleId :

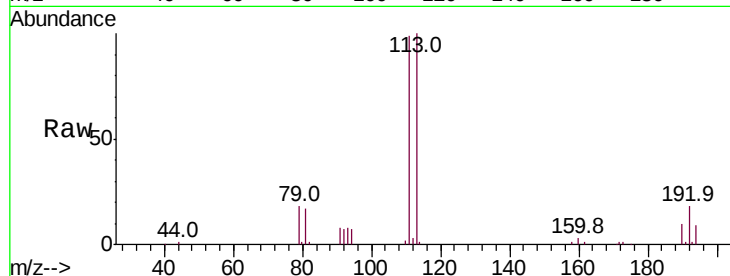
Tot Ion:113 Resp: 57761

Ion Ratio Lower Upper

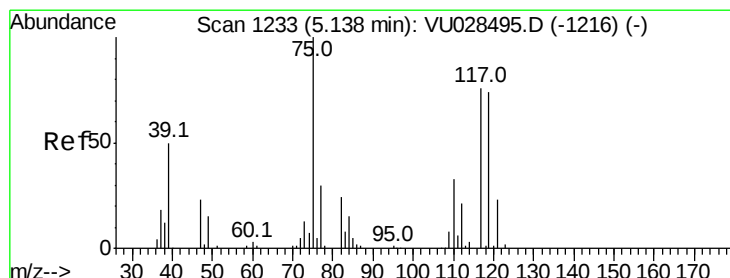
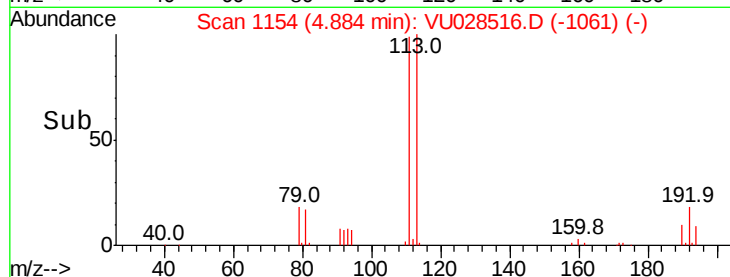
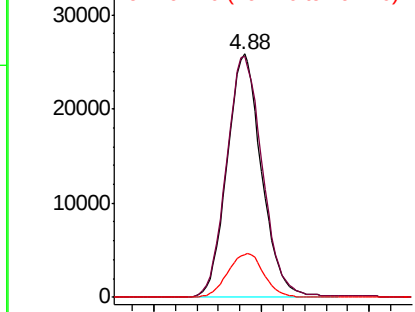
113 100

111 103.2 83.4 125.0

192 18.7 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: 4.359 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

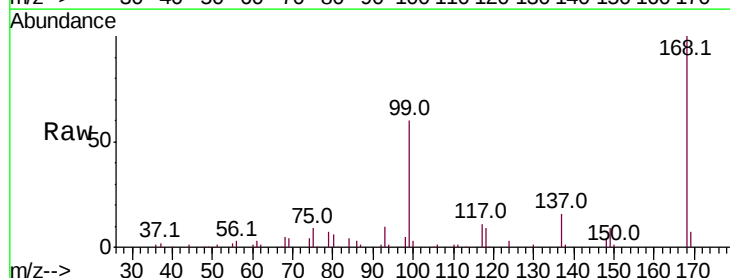
Tgt Ion: 75 Resp: 8304

Ion Ratio Lower Upper

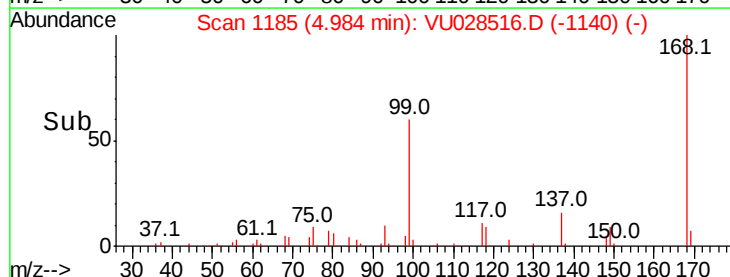
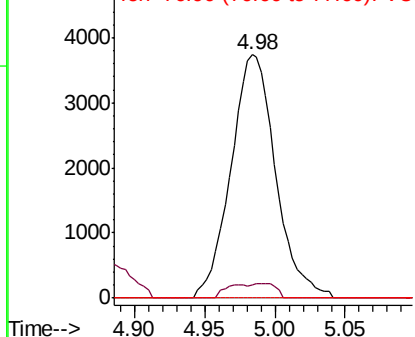
75 100

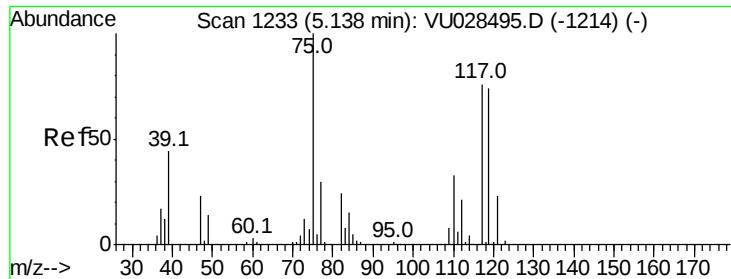
110 2.9 16.1 48.2#

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

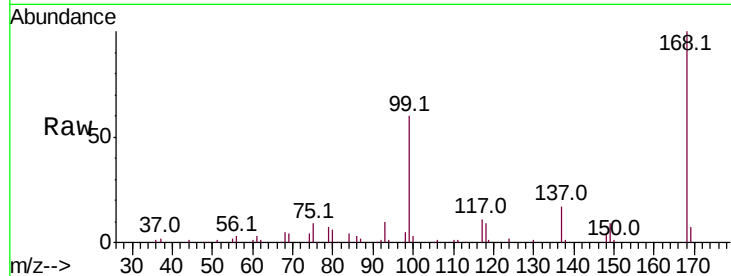




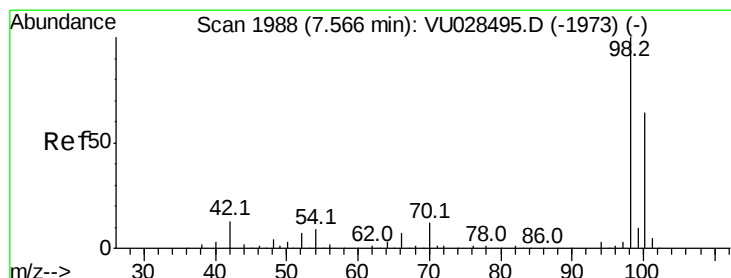
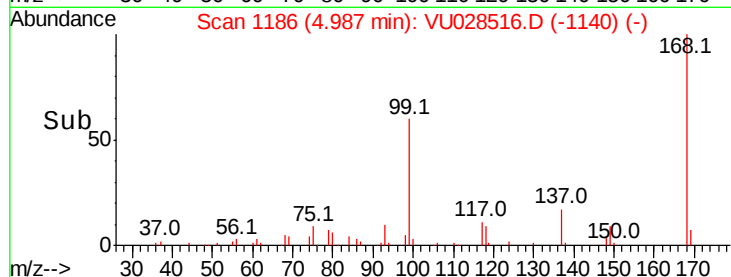
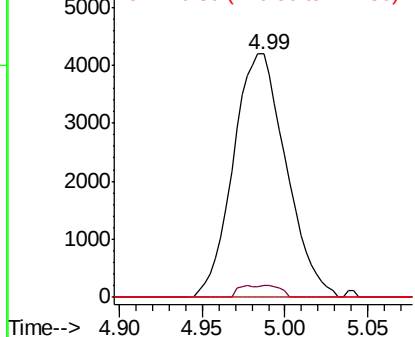
#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028516.D
Acq: 06 Dec 2018 21:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 9280
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 24.6 36.8#

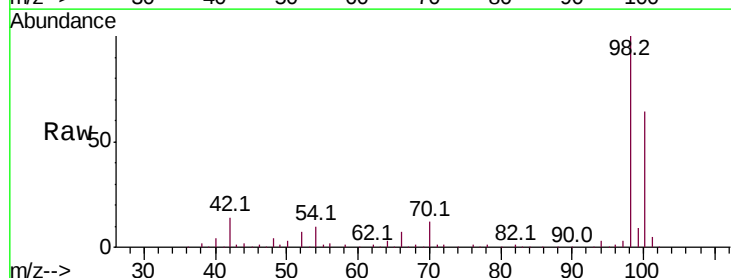


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

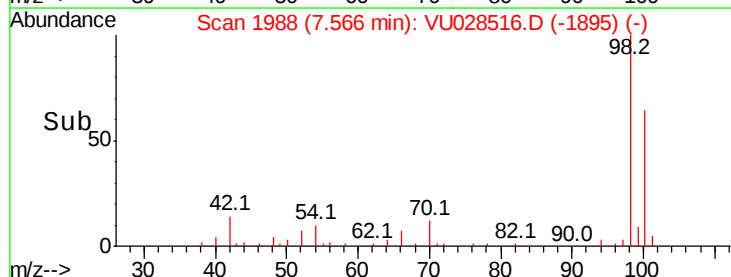
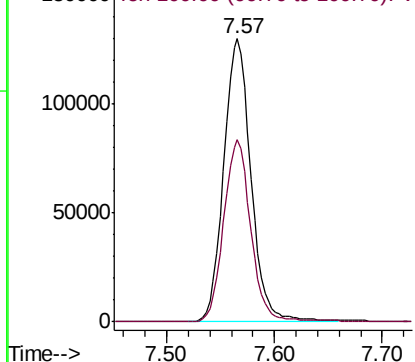


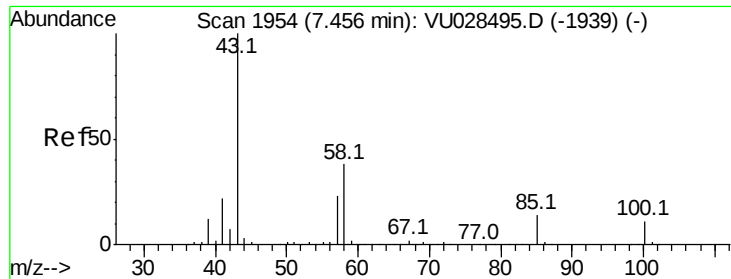
#50
Toluene-d8
Concen: 52.822 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028516.D
Acq: 06 Dec 2018 21:13

Tgt Ion: 98 Resp: 228905
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

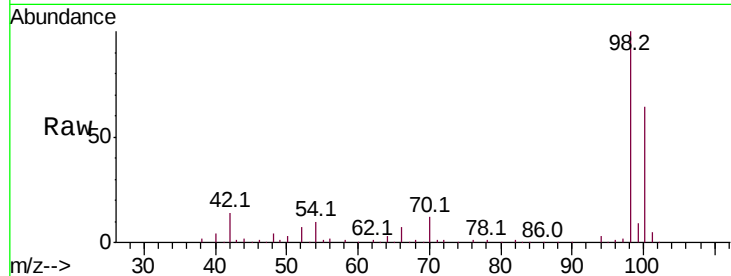
ClientSampleId :

Tot Ion: 43 Resp: 1182

Ion Ratio Lower Upper

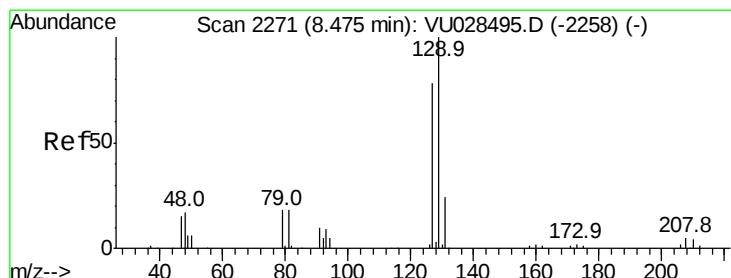
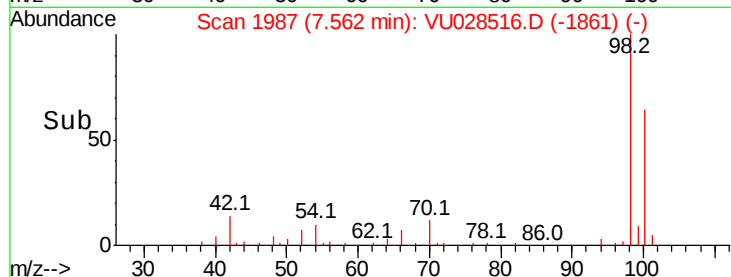
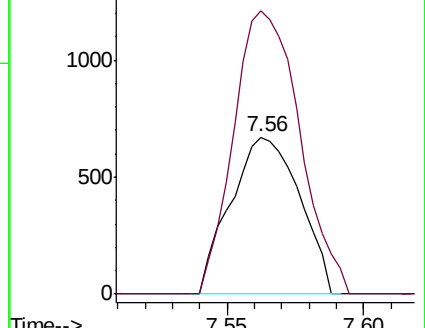
43 100

58 172.3 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)



#60

Dibromochloromethane

Concen: 0.293 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.24 min

Lab File: VU028516.D

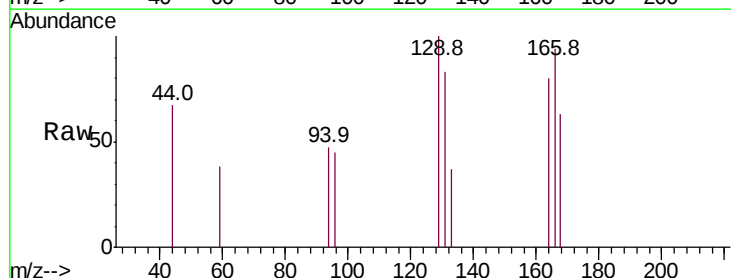
Acq: 06 Dec 2018 21:13

Tgt Ion: 129 Resp: 374

Ion Ratio Lower Upper

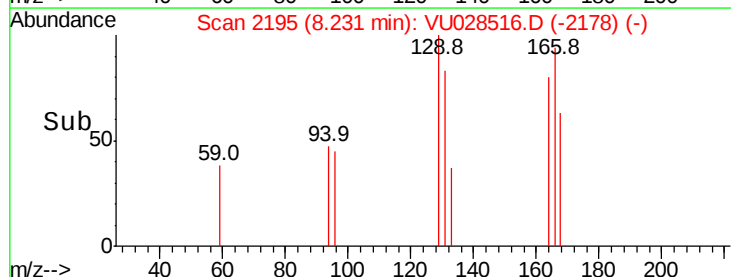
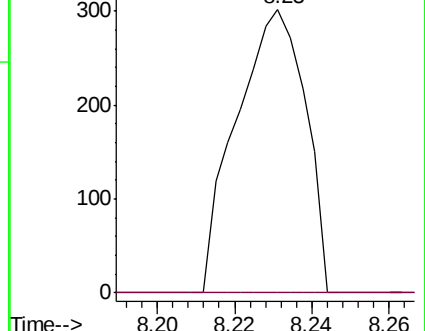
129 100

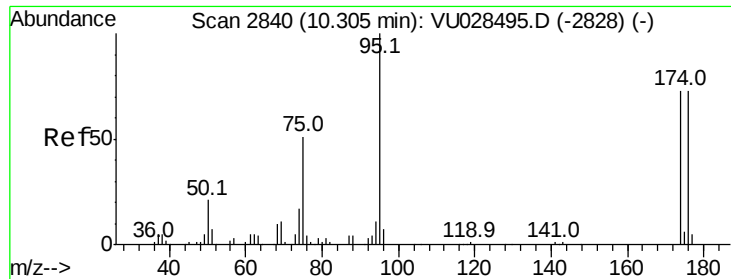
127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): VU028495.D (-2258) (-)

Ion 126.80 (126.50 to 127.50): VU028495.D (-2258) (-)





#62

4-Bromofluorobenzene

Concen: 51.365 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

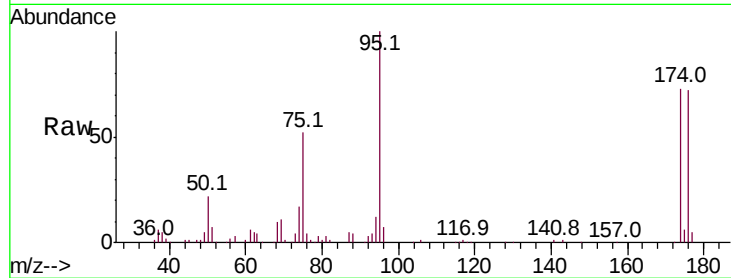
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 83197

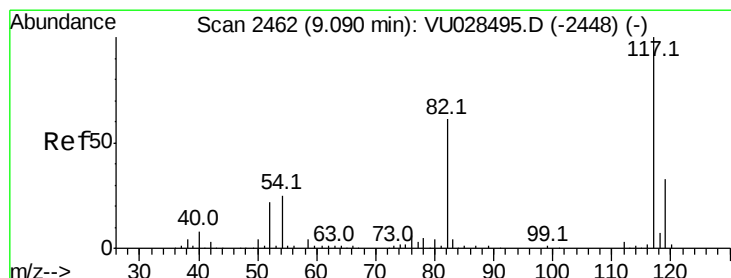
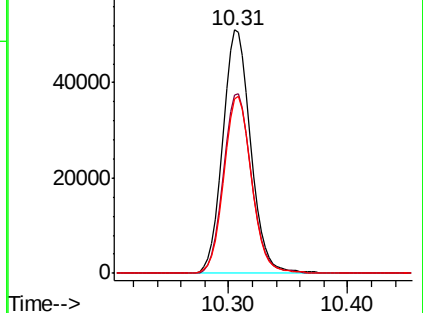
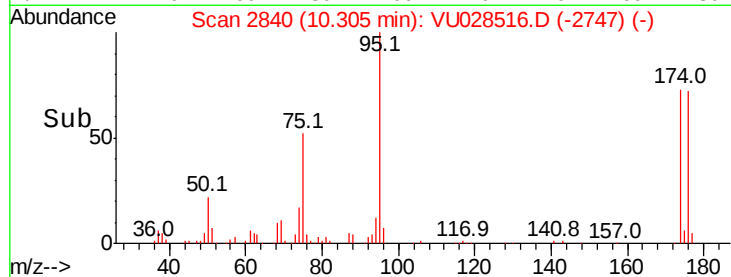
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.4
176	72.3	0.0	145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028516.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028516.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028516.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

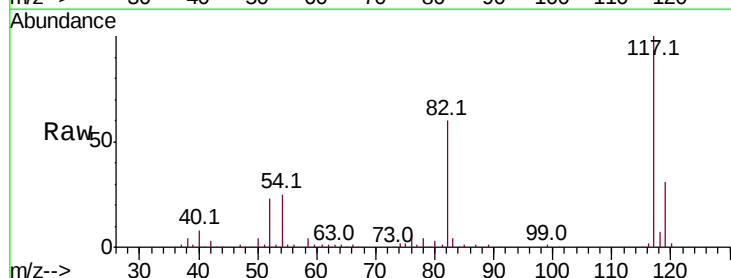
Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Tgt Ion: 117 Resp: 164037

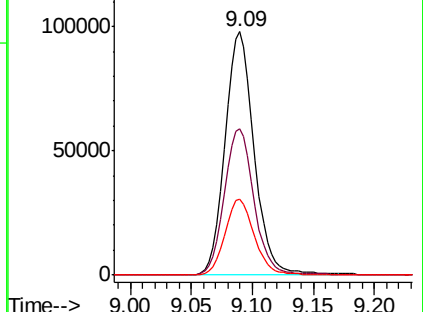
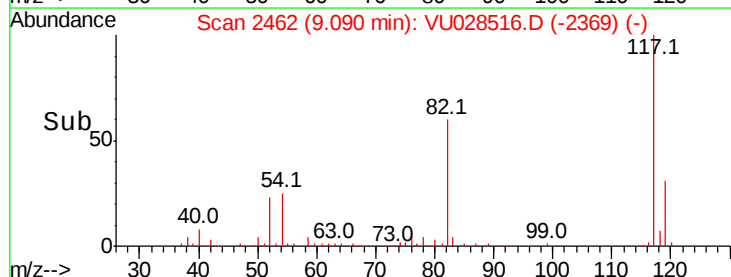
Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.9	73.3
119	31.4	26.2	39.4

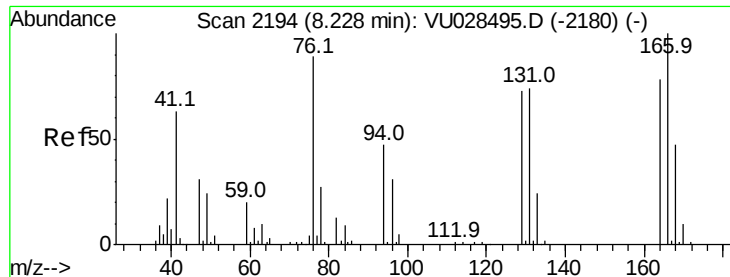


Abundance Ion 116.90 (116.60 to 117.60): VU028516.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028516.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028516.D (-2369) (-)





#64

Tetrachloroethene

Concen: 0.342 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. -0.01 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 374

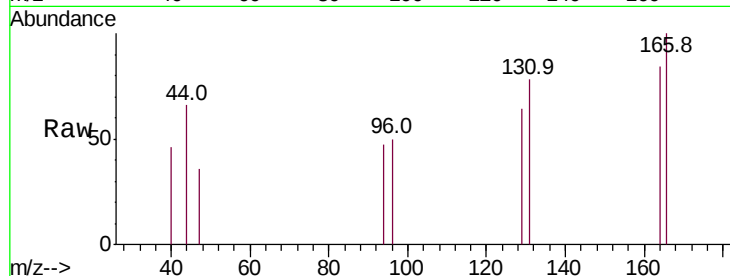
Ion Ratio Lower Upper

164 100

166 119.0 101.9 152.9

129 75.6 74.9 112.3

131 93.0 75.4 113.0

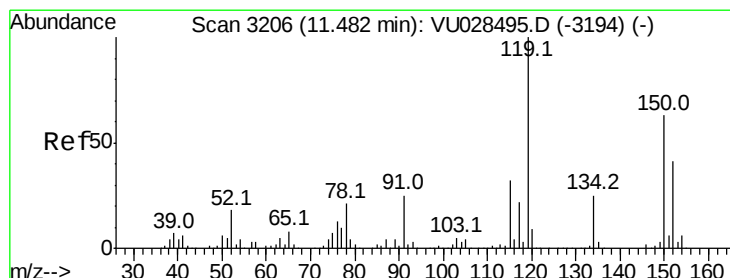
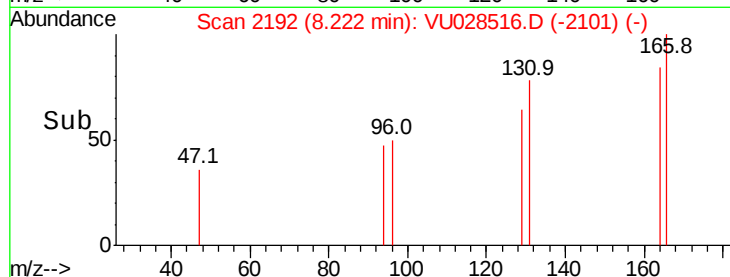
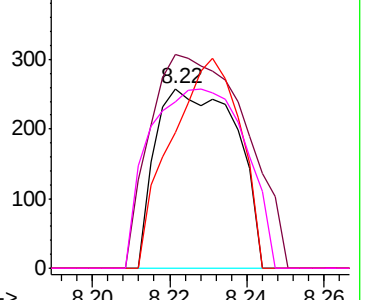


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028516.D

Acq: 06 Dec 2018 21:13

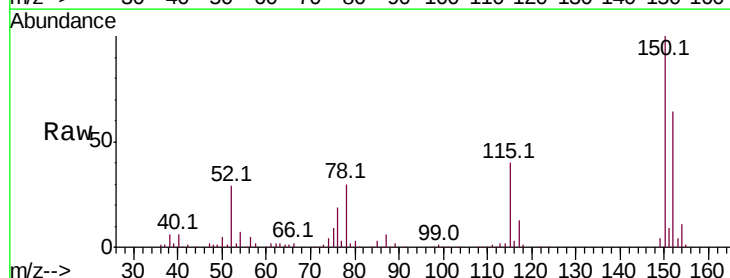
Tgt Ion:152 Resp: 76460

Ion Ratio Lower Upper

152 100

115 61.4 42.7 128.1

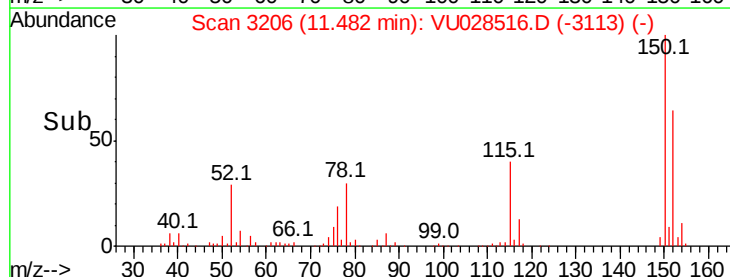
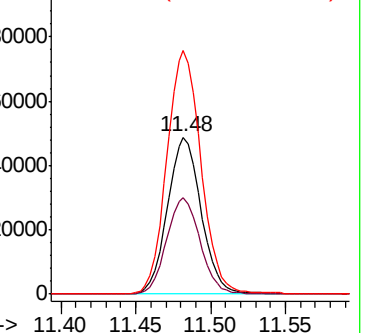
150 157.6 0.0 346.0

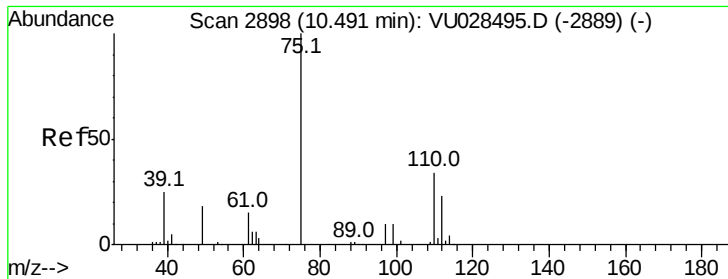


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.403 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

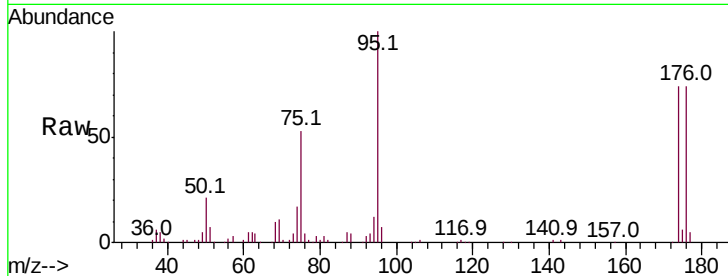
ClientSampled :

Tot Ion: 75 Resp: 43741

Ion Ratio Lower Upper

75 100

77 0.9 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

25000

20000

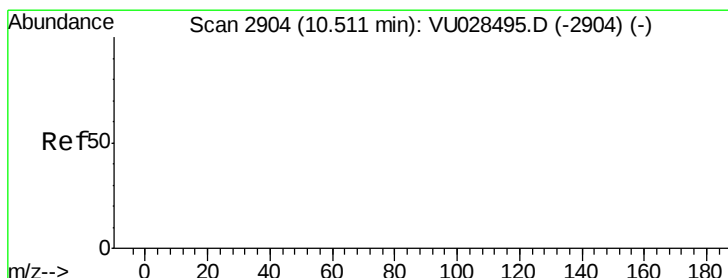
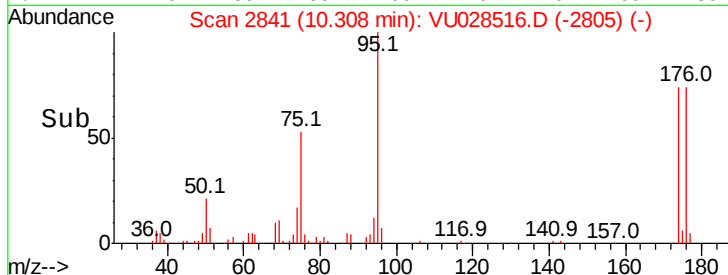
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 55.030 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

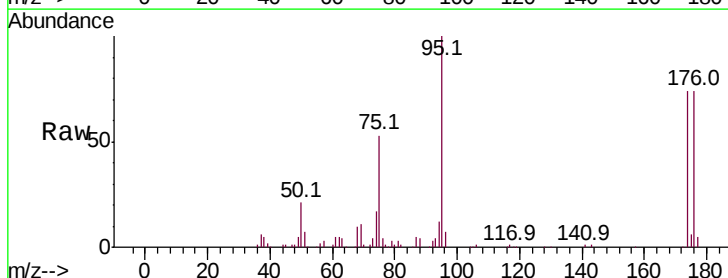
Tgt Ion: 75 Resp: 43741

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

10.31

30000

20000

10000

0

Time-->

