

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028576.D
 Acq On : 11 Dec 2018 02:03
 Operator : MD/SY
 Sample : VU1211WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL02

Quant Time: Dec 11 03:25:32 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	84524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	151291	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	135568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50454	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	71057	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	
35) Dibromofluoromethane	4.88	113	51599	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
50) Toluene-d8	7.57	98	197803	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	10.31	95	62995	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	

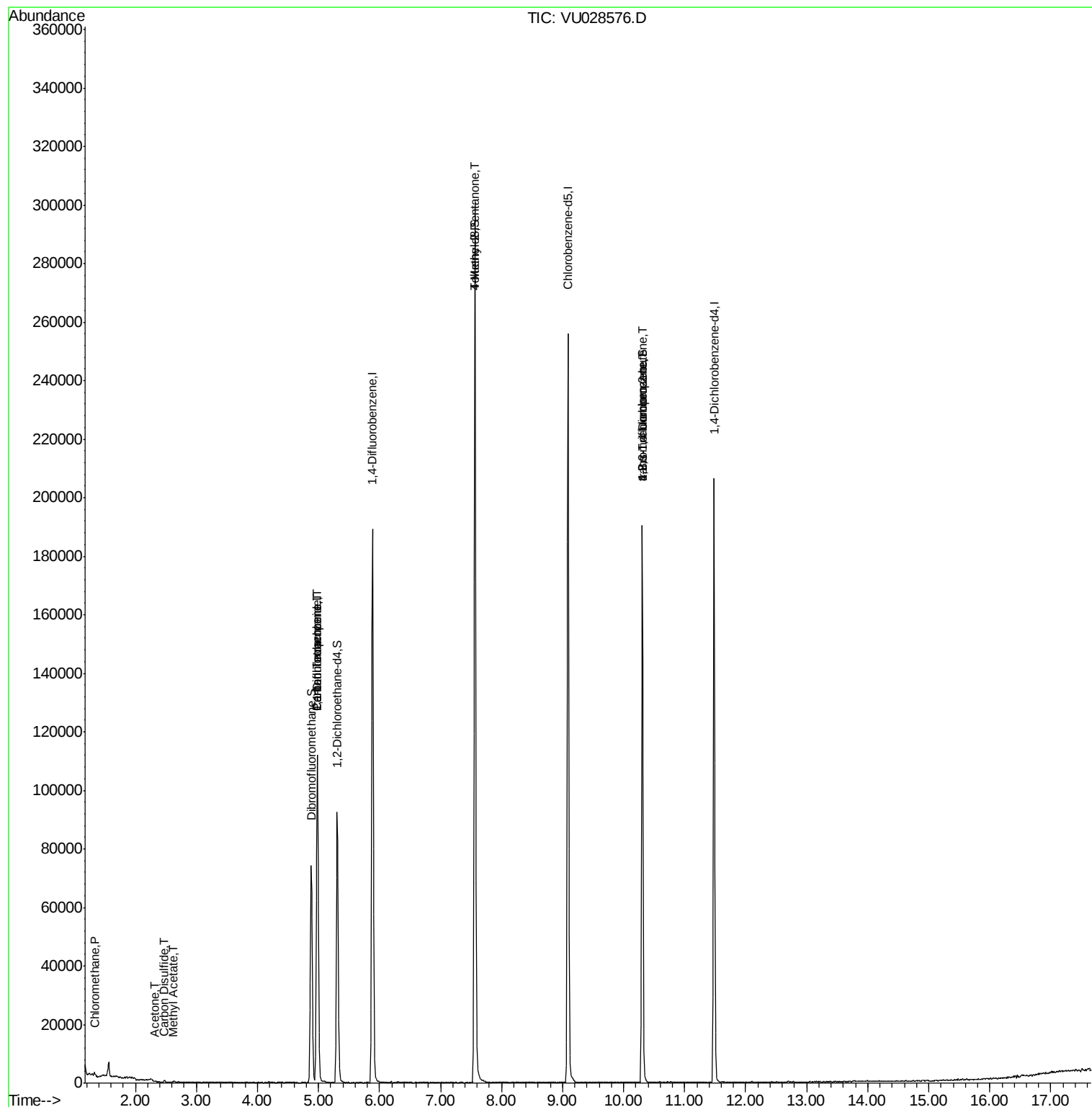
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1009	0.484	ug/l	98
16) Acetone	2.32	43	171	0.203	ug/l #	44
17) Carbon Disulfide	2.48	76	768	0.227	ug/l #	75
18) Methyl Acetate	2.62	43	597	0.274	ug/l #	56
31) Cyclohexane	4.98	56	2016	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6949	4.197	ug/l #	47
38) Carbon Tetrachloride	4.98	117	8544	6.403	ug/l #	15
51) 4-Methyl-2-Pentanone	7.57	43	891	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	33133	25.717	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	33133	63.092	ug/l #	100

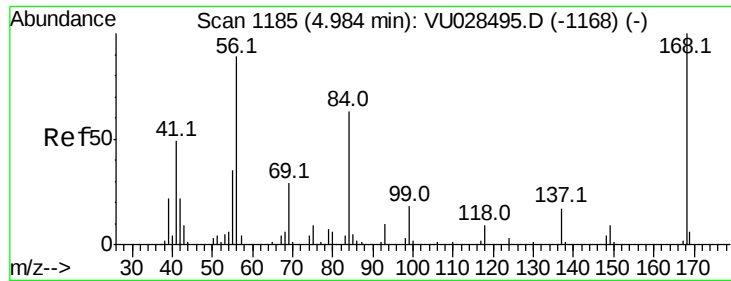
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VU1211WBL02

Quant Time: Dec 11 03:25:32 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: VU028576.D

Acq: 11 Dec 2018 02:03

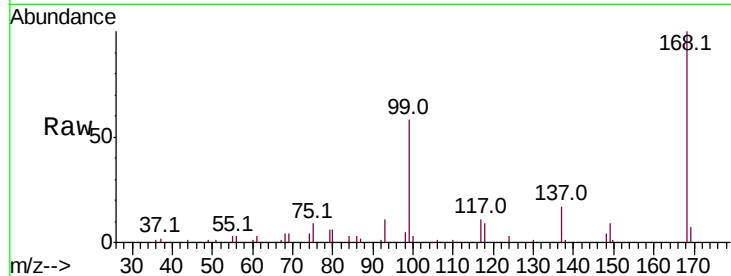
Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL02

Tot Ion:168 Resp: 84524

Ion Ratio Lower Upper

168 100

99 57.6 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) (-)

4.98

40000

30000

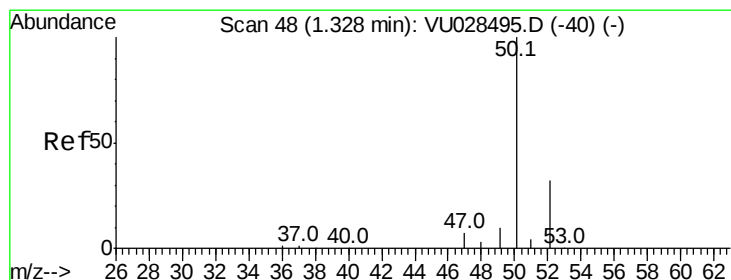
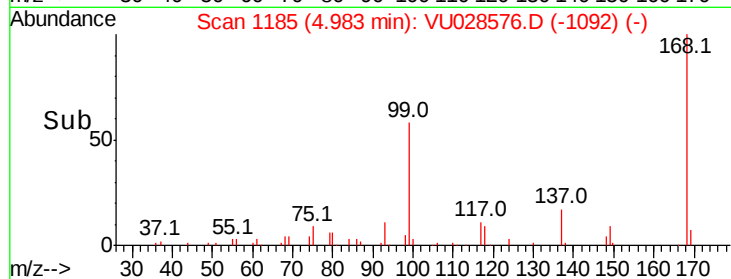
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.484 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028576.D

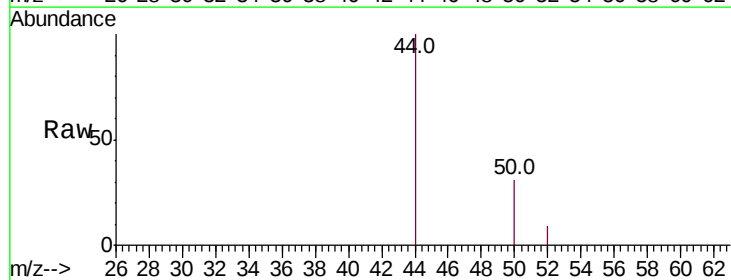
Acq: 11 Dec 2018 02:03

Tgt Ion: 50 Resp: 1009

Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

800

600

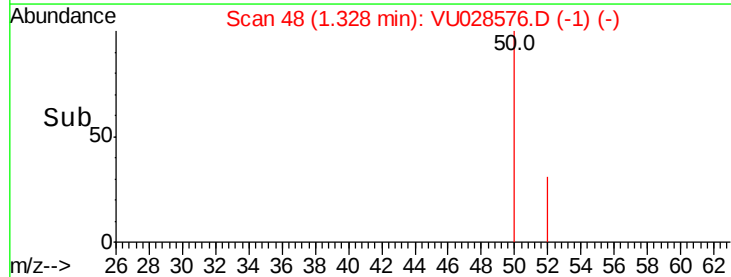
400

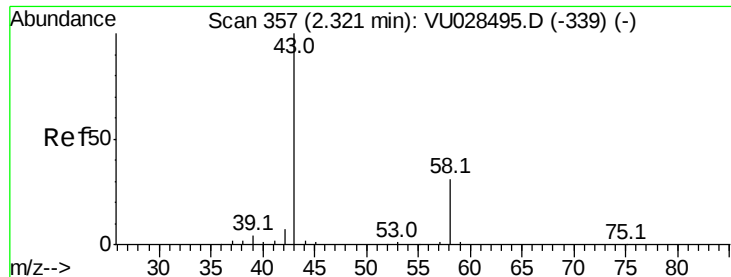
200

0

1.30 1.32 1.34 1.36

Time-->





#16

Acetone

Concen: 0.203 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

Instrument :

MSVOA_U

ClientSampleId :

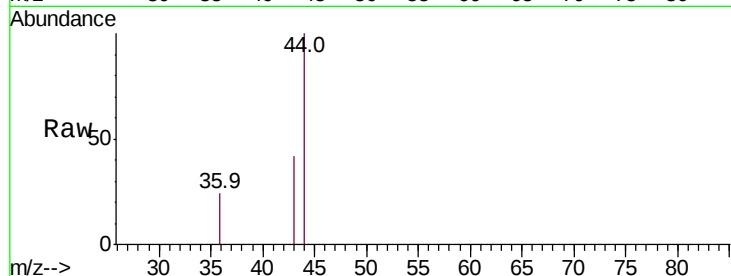
VU1211WBL02

Tot Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

200

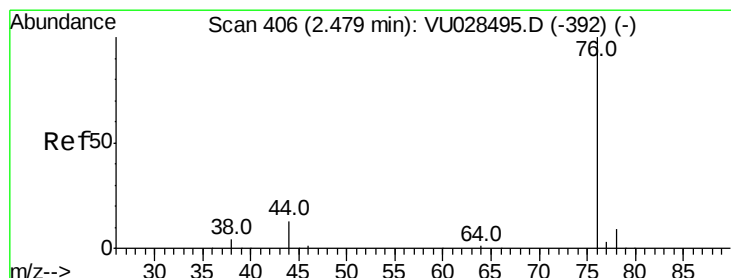
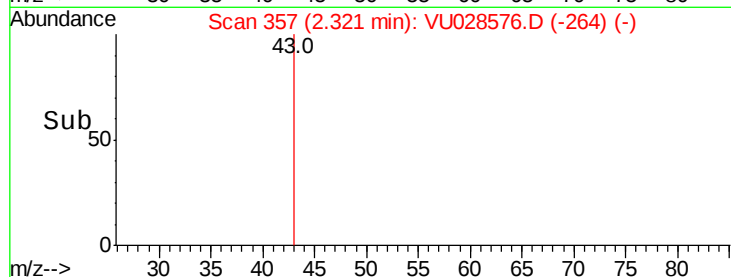
150

100

50

0

Time--> 2.30 2.32 2.34



#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028576.D

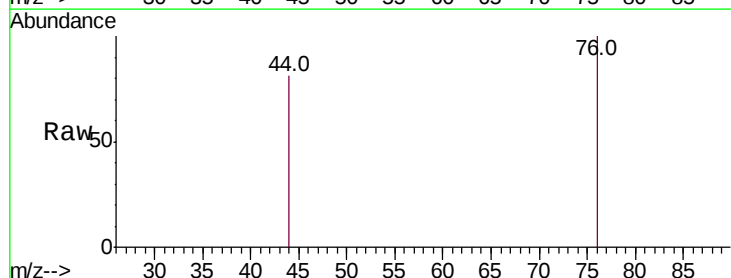
Acq: 11 Dec 2018 02:03

Tgt Ion: 76 Resp: 768

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

600

500

400

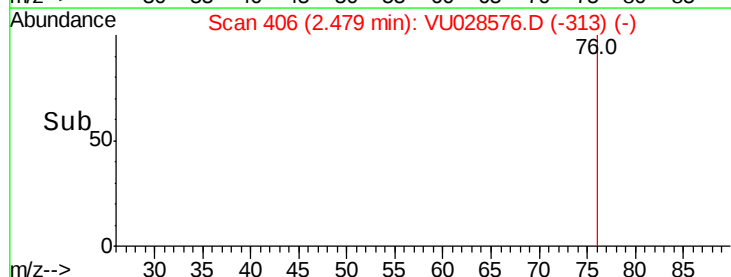
300

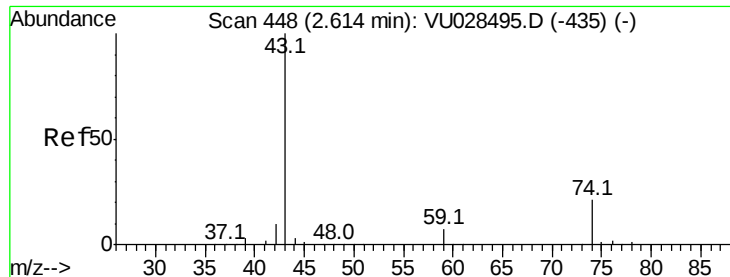
200

100

0

Time--> 2.44 2.46 2.48 2.50

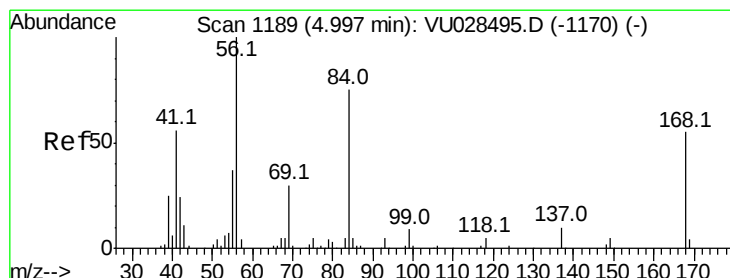
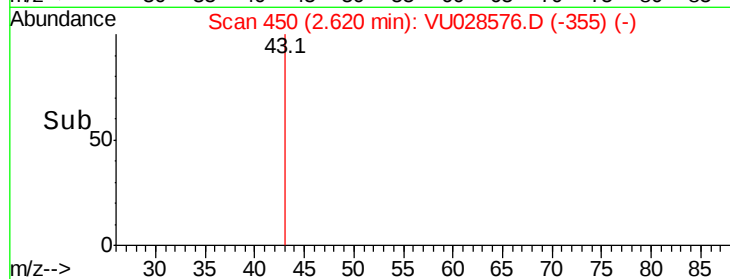
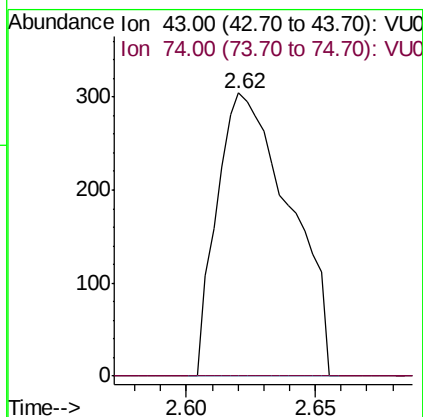
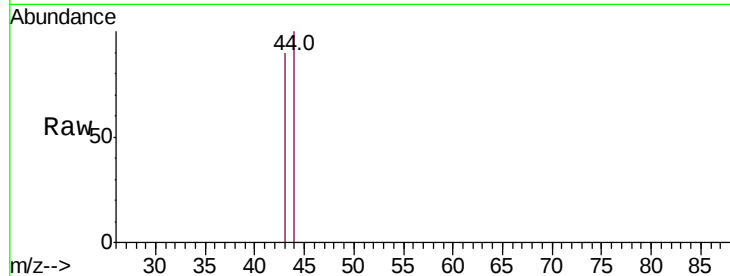




#18
Methvl Acetate
Concen: 0.274 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028576.D
Acq: 11 Dec 2018 02:03

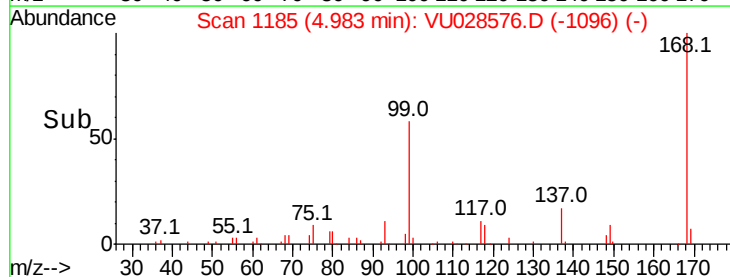
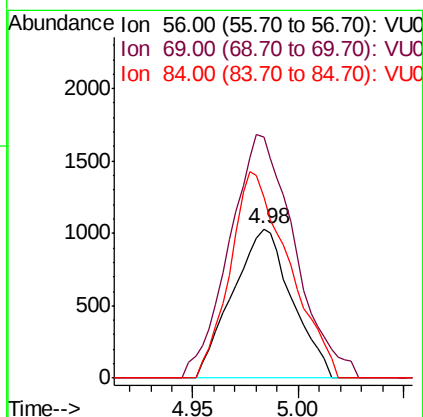
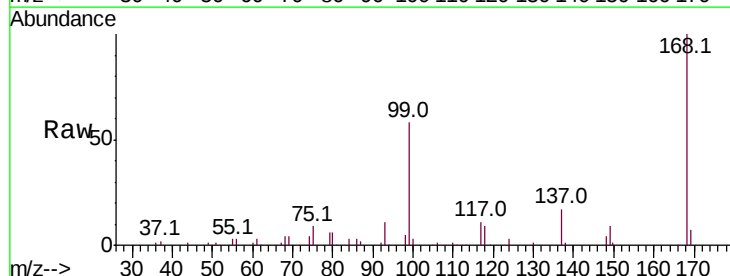
Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL02

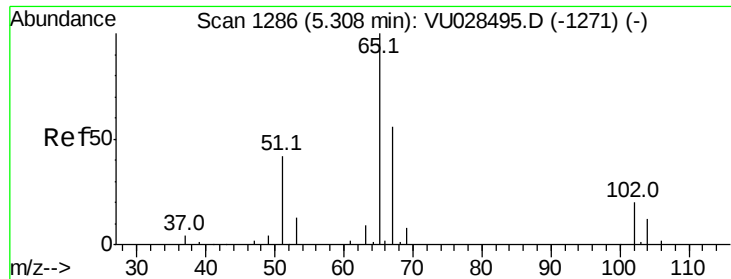
Tot Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028576.D
Acq: 11 Dec 2018 02:03

Tgt Ion: 56 Resp: 2016
Ion Ratio Lower Upper
56 100
69 150.9 24.0 36.0#
84 120.9 59.7 89.5#

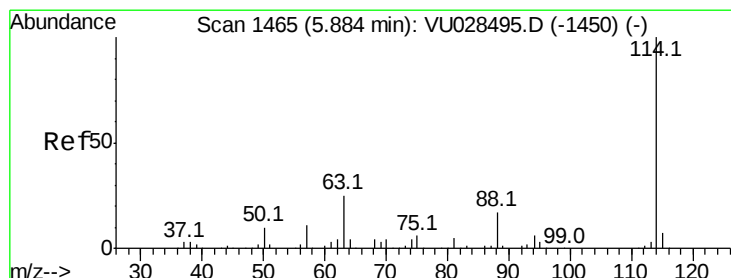
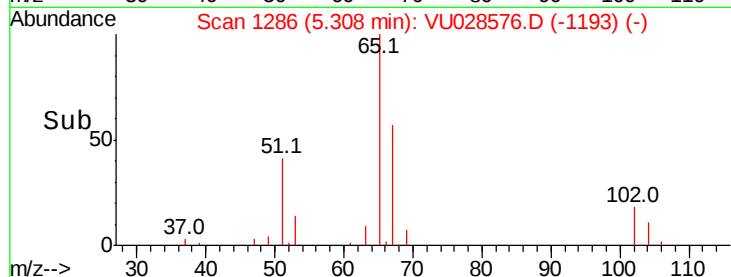
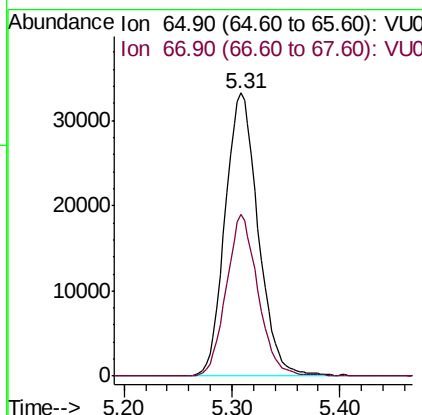
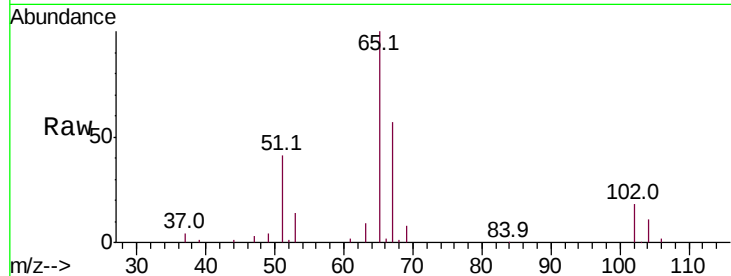




#33
 1,2-Dichloroethane-d4
 Concen: 55.088 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028576.D
 Acq: 11 Dec 2018 02:03

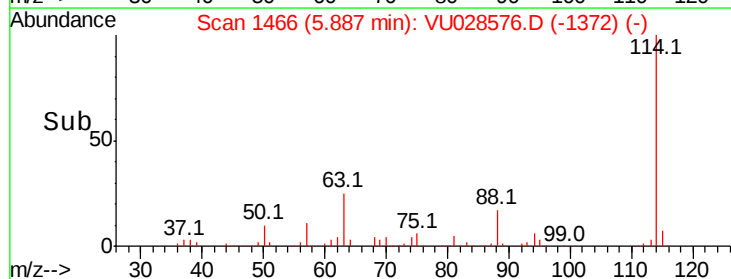
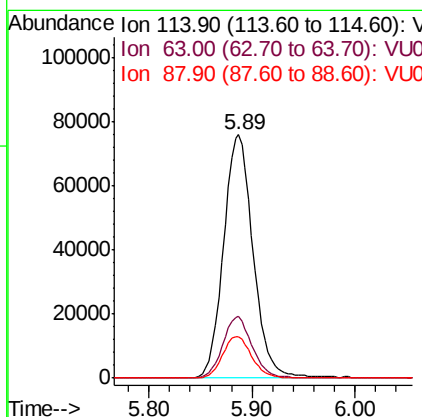
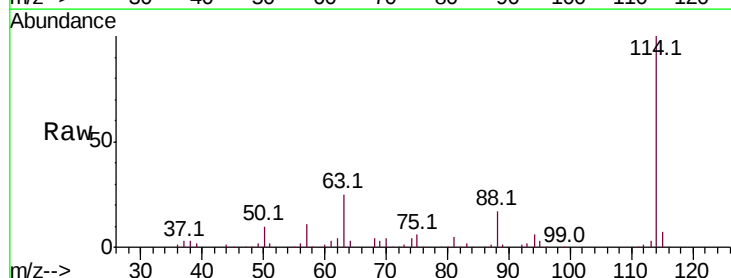
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL02

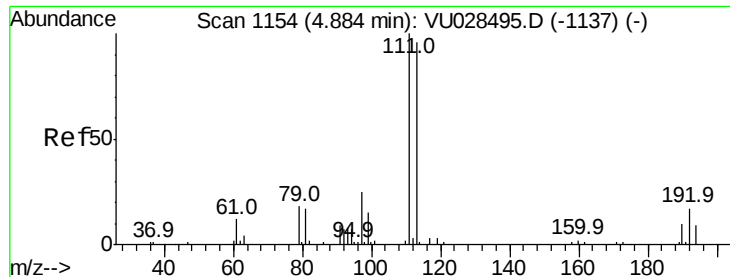
Tot Ion: 65 Resp: 71057
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028576.D
 Acq: 11 Dec 2018 02:03

Tgt Ion: 114 Resp: 151291
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.196 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

Instrument :

MSVOA_U

ClientSampleId :

VU1211WBL02

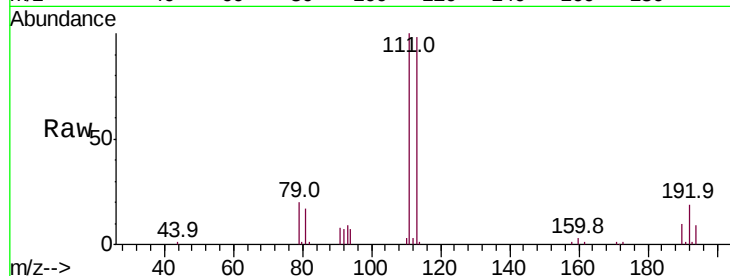
Tot Ion:113 Resp: 51599

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.0

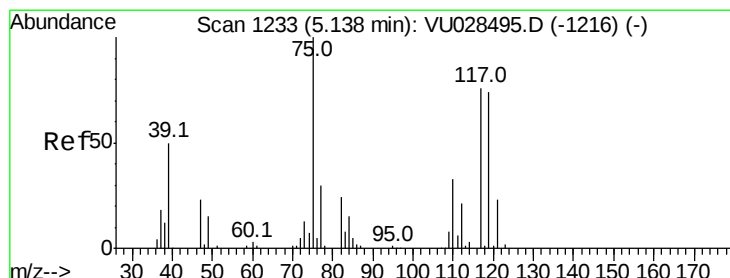
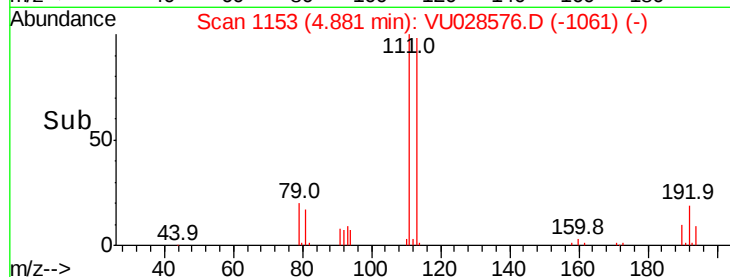
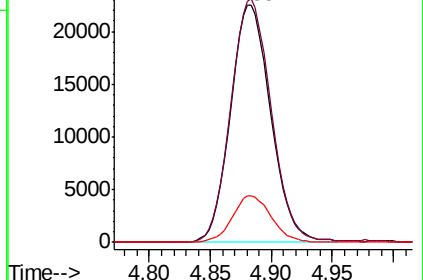
192 18.7 14.8 22.2



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: 4.197 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

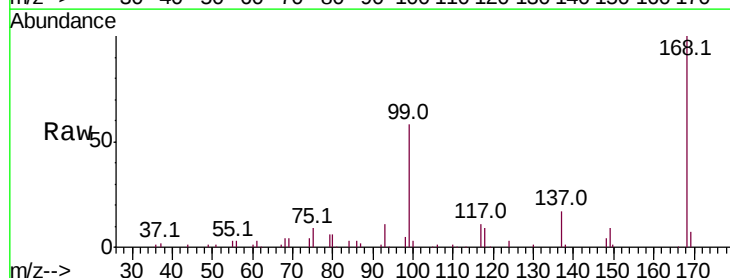
Tgt Ion: 75 Resp: 6949

Ion Ratio Lower Upper

75 100

110 3.6 16.1 48.2#

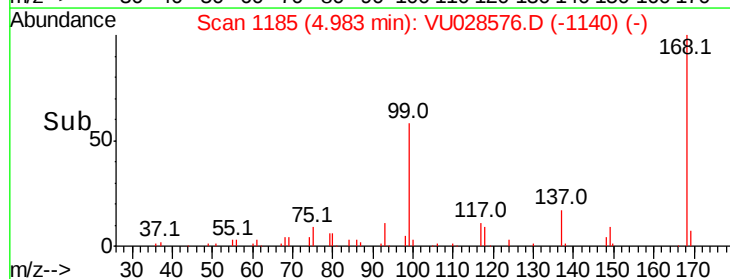
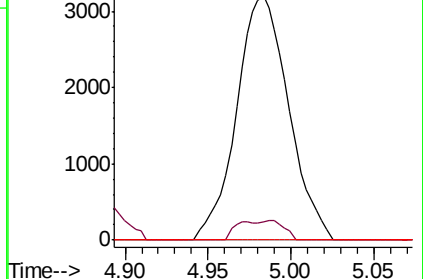
77 0.0 24.5 36.7#

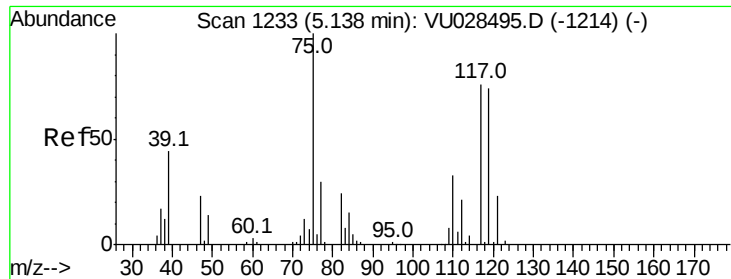


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.403 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

Instrument :

MSVOA_U

ClientSampleId :

VU1211WBL02

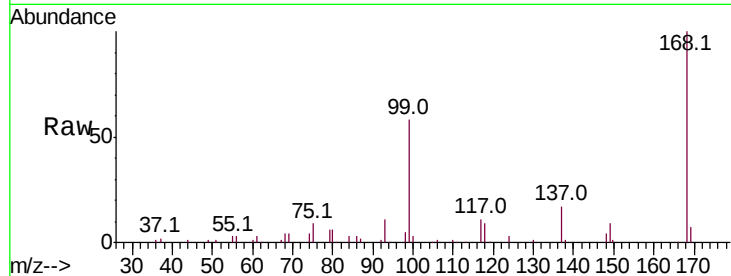
Tot Ion:117 Resp: 8544

Ion Ratio Lower Upper

117 100

119 4.3 77.6 116.4#

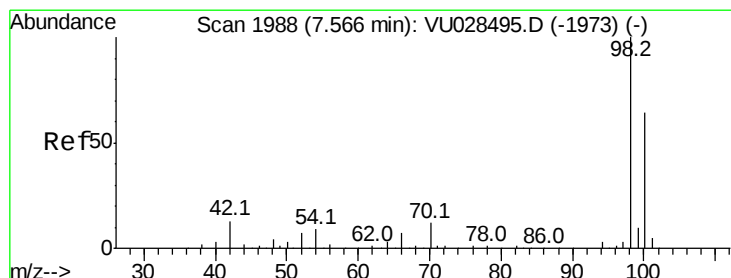
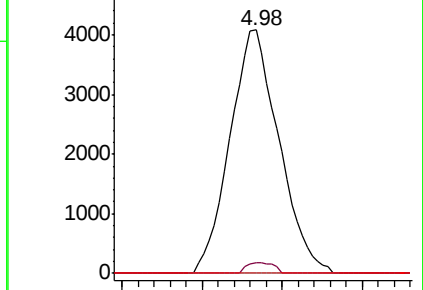
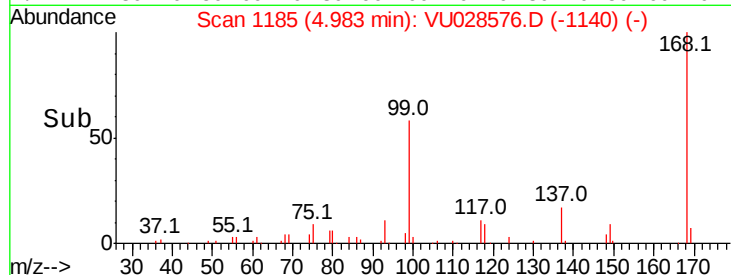
121 0.0 24.6 36.8#



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: 52.519 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028576.D

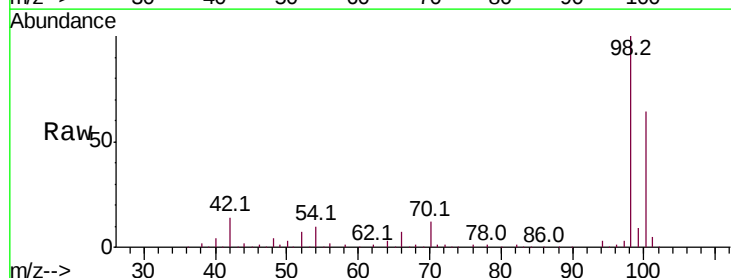
Acq: 11 Dec 2018 02:03

Tgt Ion: 98 Resp: 197803

Ion Ratio Lower Upper

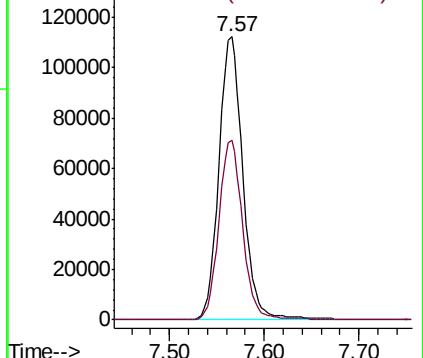
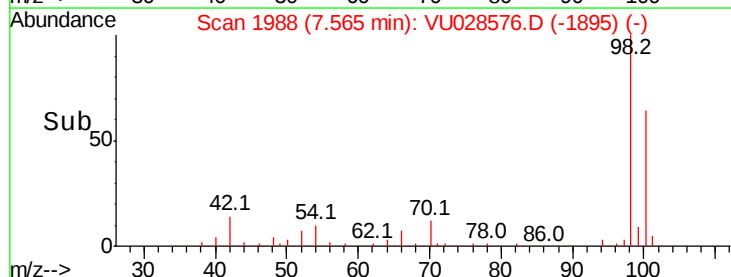
98 100

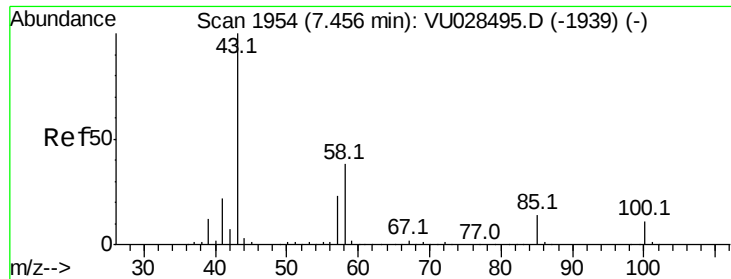
100 62.6 51.0 76.6



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: 0.417 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

Instrument :

MSVOA_U

ClientSampleId :

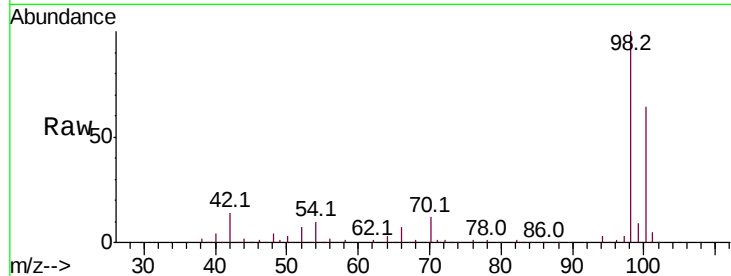
VU1211WBL02

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

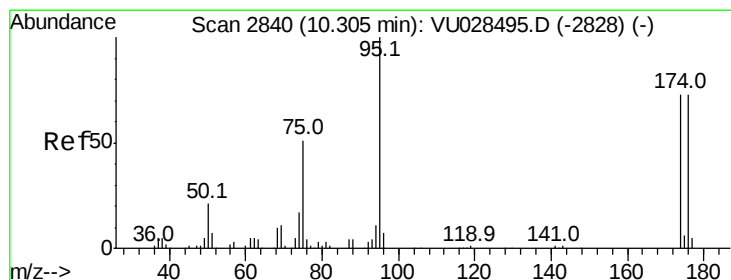
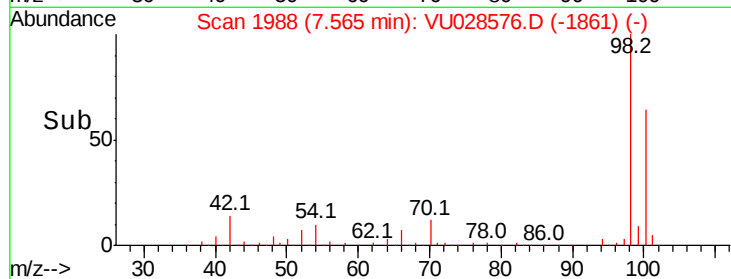
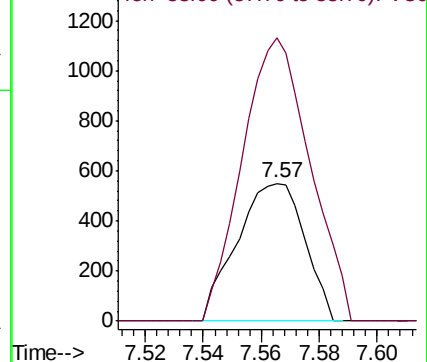
43 100

58 205.8 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.750 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

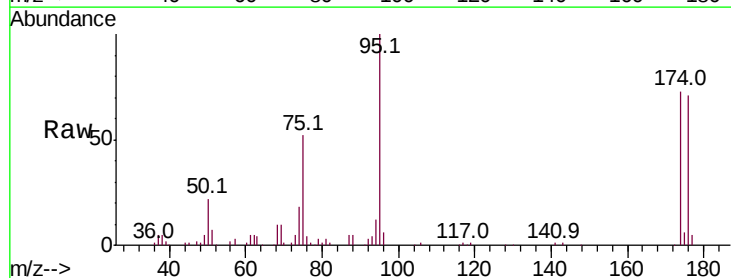
Tgt Ion: 95 Resp: 62995

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

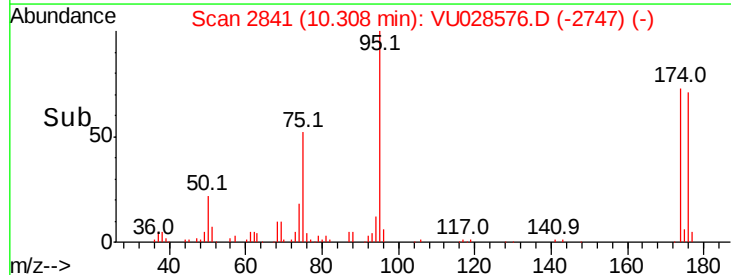
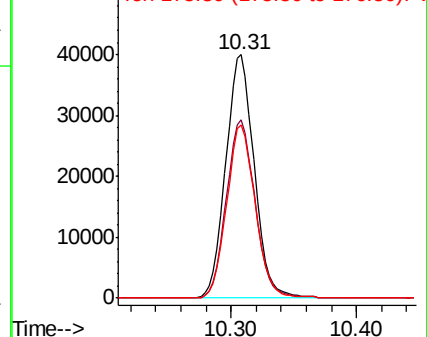
176 71.3 0.0 145.2

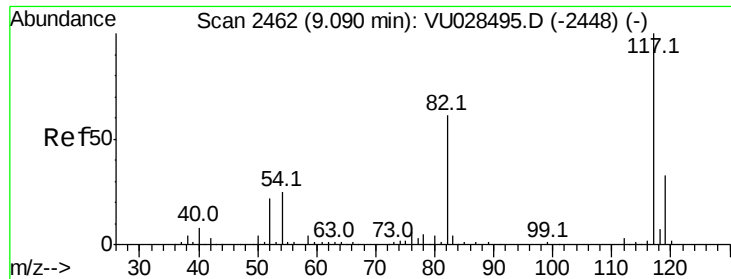


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

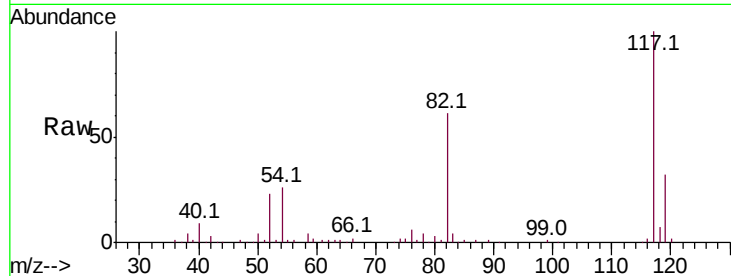




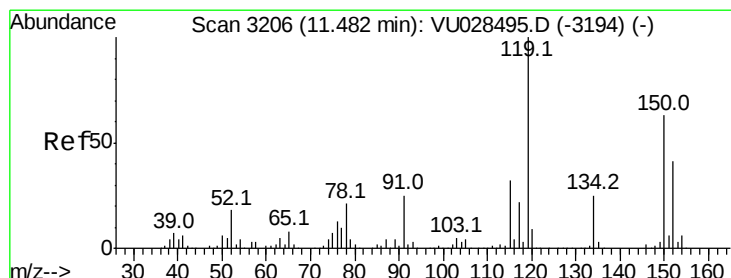
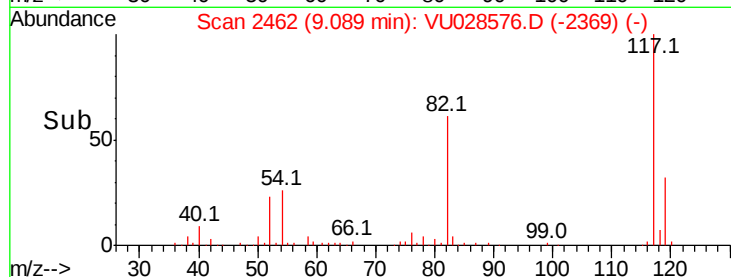
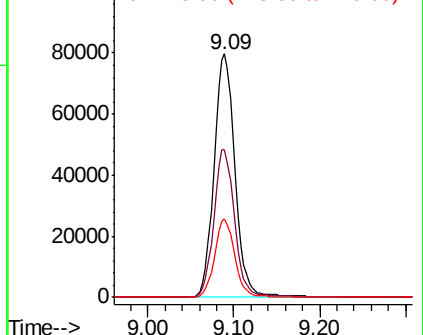
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028576.D
Acq: 11 Dec 2018 02:03

Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL02

Tot Ion:117 Resp: 135568
Ion Ratio Lower Upper
117 100
82 60.8 48.9 73.3
119 32.3 26.2 39.4

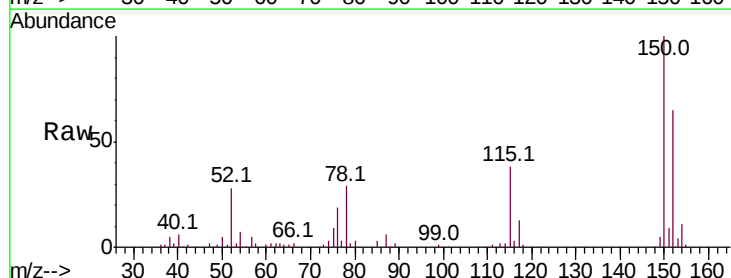


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

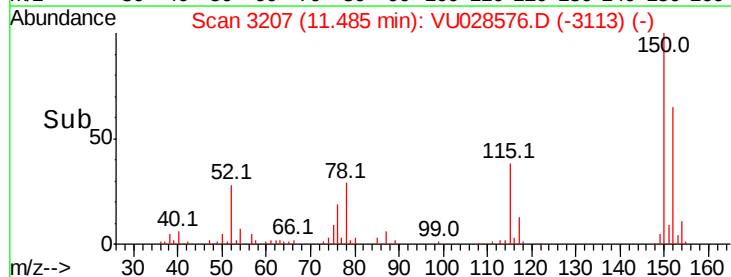
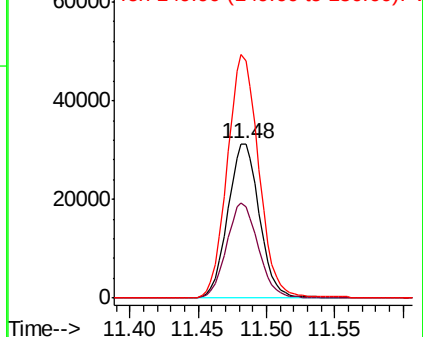


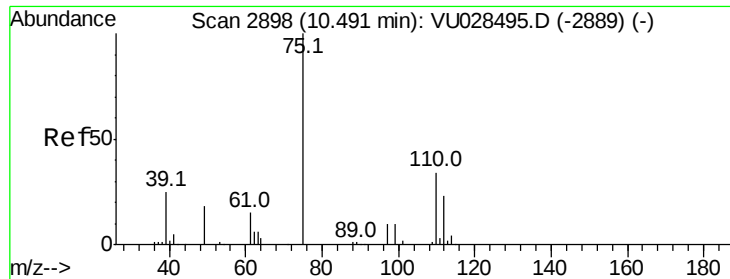
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028576.D
Acq: 11 Dec 2018 02:03

Tgt Ion:152 Resp: 50454
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 157.7 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: 25.717 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

Instrument :

MSVOA_U

ClientSampleId :

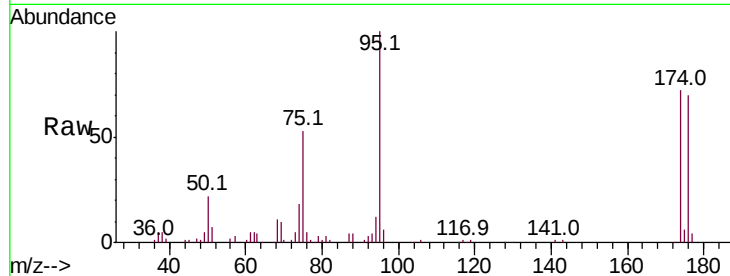
VU1211WBL02

Tot Ion: 75 Resp: 33133

Ion Ratio Lower Upper

75 100

77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

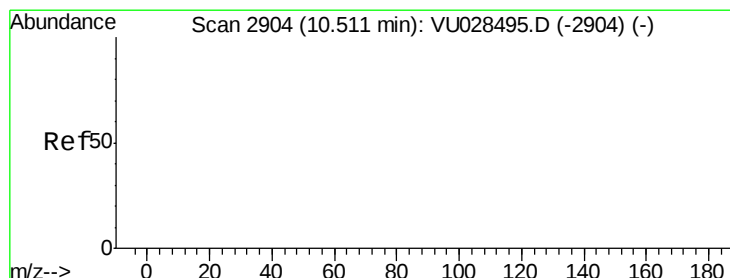
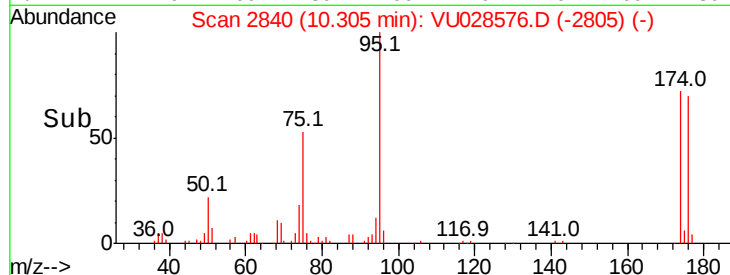
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 63.092 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028576.D

Acq: 11 Dec 2018 02:03

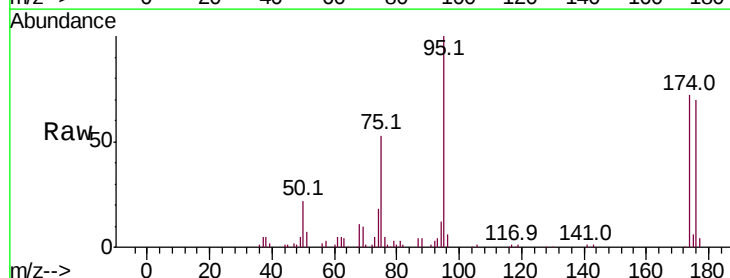
Tgt Ion: 75 Resp: 33133

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

25000

20000

15000

10000

5000

0

10.25 10.30 10.35 10.40

Time-->

