

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028634.D
 Acq On : 12 Dec 2018 02:05
 Operator : MD/SY
 Sample : J6298-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OWS

Quant Time: Dec 12 05:59:56 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	90330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	163529	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64639	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	74132	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	4.88	113	54433	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
50) Toluene-d8	7.56	98	214698	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	10.31	95	71447	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	

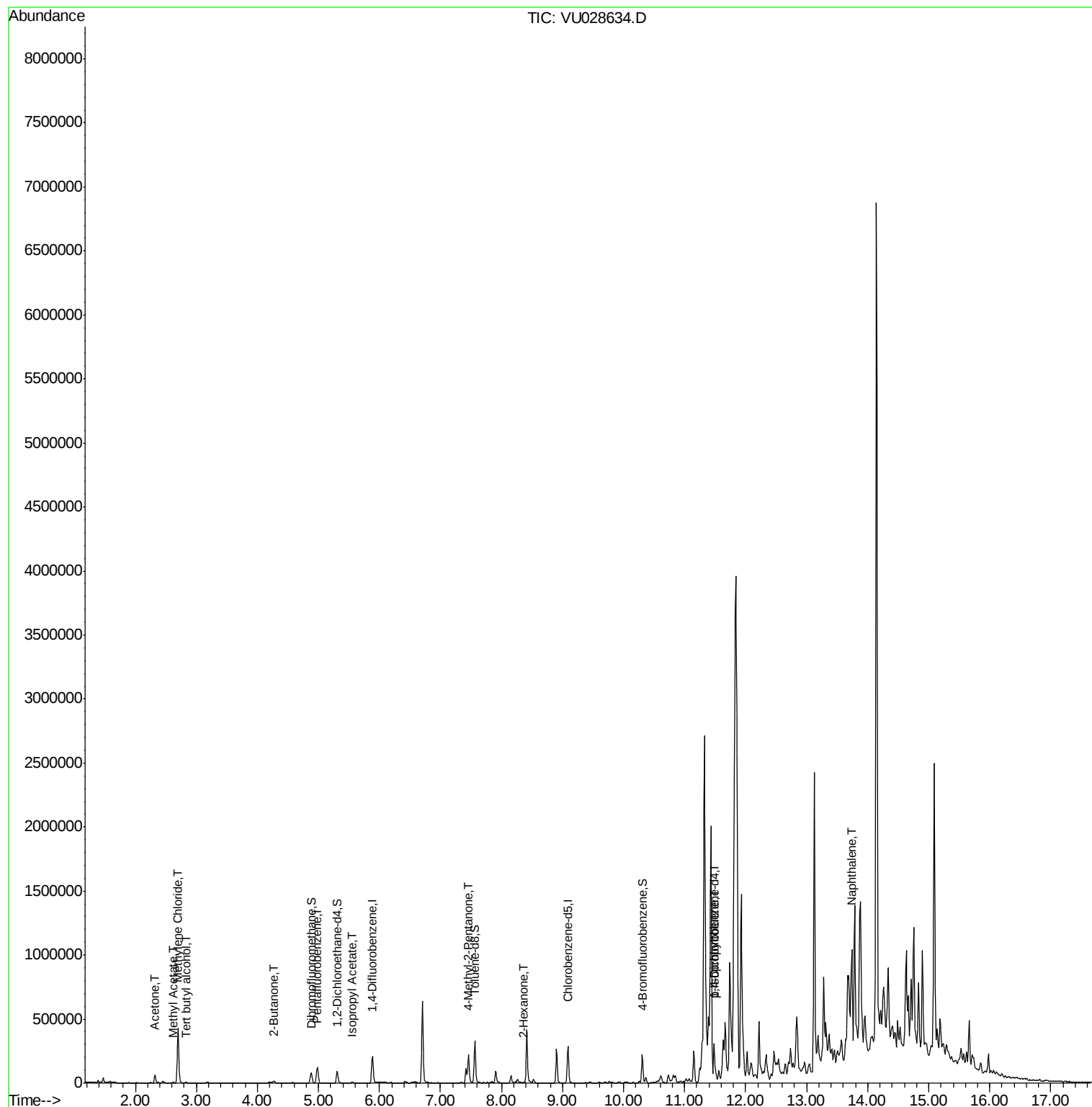
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	4890	15.922	ug/l #	79
16) Acetone	2.32	43	68967	76.670	ug/l	99
18) Methyl Acetate	2.62	43	6869	2.946	ug/l	92
20) Methylene Chloride	2.70	84	180150	135.855	ug/l	99
25) 2-Butanone	4.26	43	29441	23.949	ug/l	97
43) Isopropyl Acetate	5.55	43	11694	3.196	ug/l #	92
51) 4-Methyl-2-Pentanone	7.46	43	158125	68.521	ug/l	98
59) 2-Hexanone	8.37	43	3862	2.111	ug/l	91
86) p-Isopropyltoluene	11.48	119	11746	2.720	ug/l #	73
95) Naphthalene	13.74	128	7429	1.413	ug/l #	83

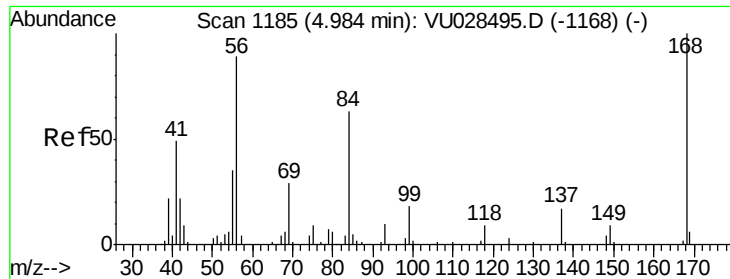
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
Data File : VU028634.D
Acq On : 12 Dec 2018 02:05
Operator : MD/SY
Sample : J6298-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OWS

Quant Time: Dec 12 05:59:56 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# 1184

Delta R.T. -0.00 min

Lab File: VU028634.D

Acq: 12 Dec 2018 02:05

Instrument :

MSVOA_U

ClientSampleId :

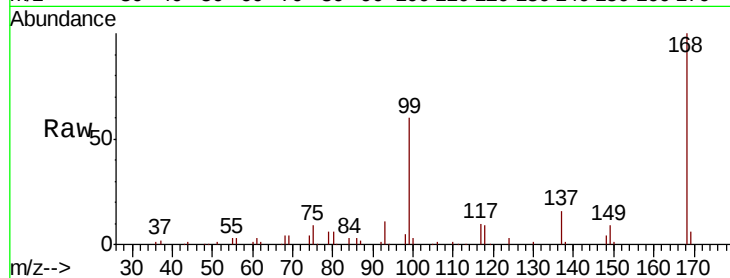
OVS

Tot Ion:168 Resp: 90330

Ion Ratio Lower Upper

168 100

99 59.9 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

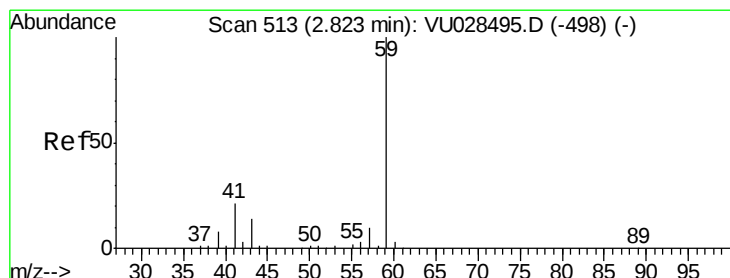
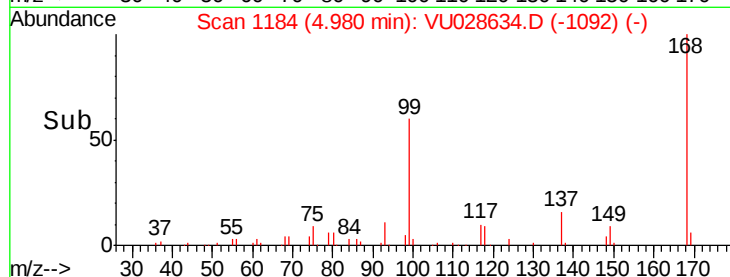
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 15.922 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028634.D

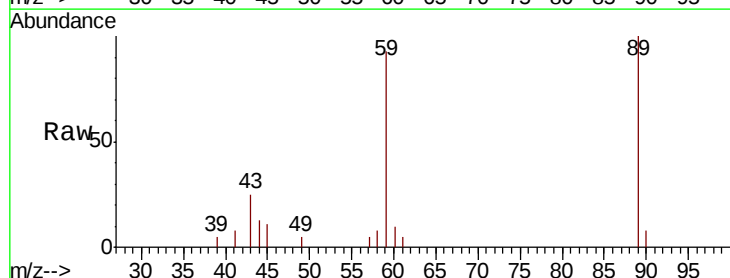
Acq: 12 Dec 2018 02:05

Tgt Ion: 59 Resp: 4890

Ion Ratio Lower Upper

59 100

57 2.4 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) (-)

2.84

2500

2000

1500

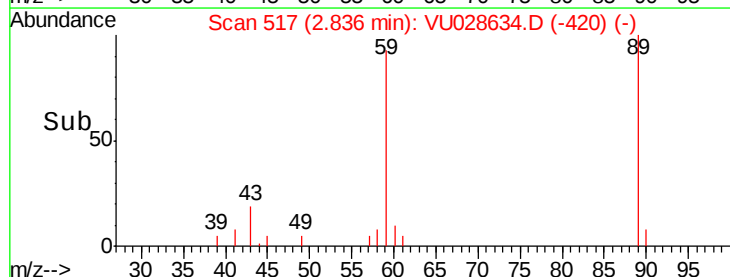
1000

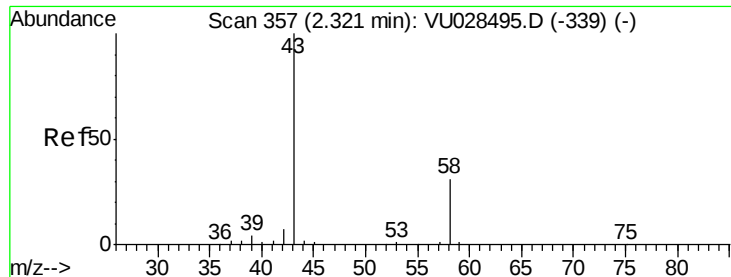
500

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 76.670 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028634.D

Acq: 12 Dec 2018 02:05

Instrument :

MSVOA_U

ClientSampleId :

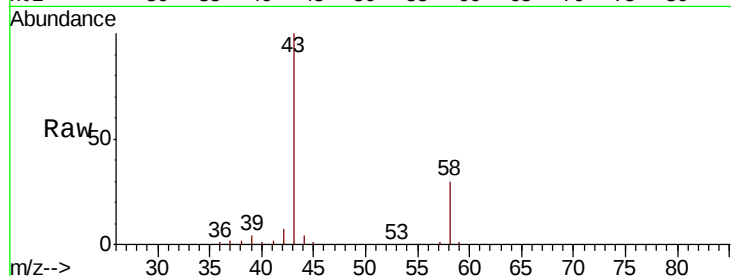
OVS

Tot Ion: 43 Resp: 68967

Ion Ratio Lower Upper

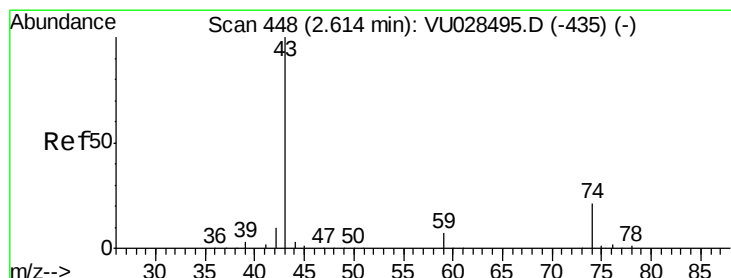
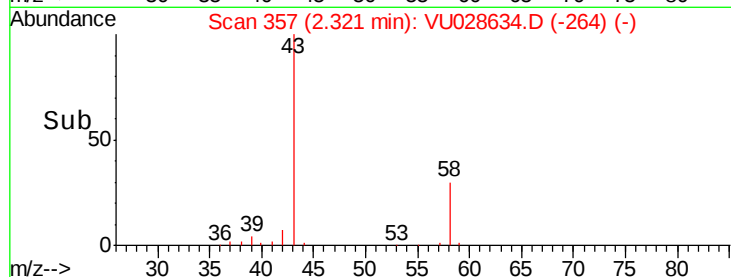
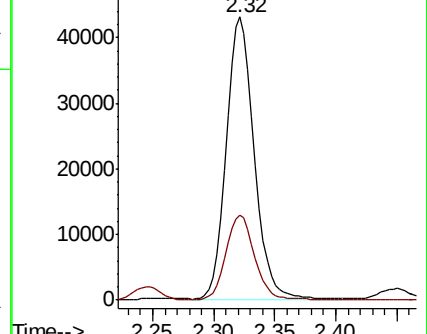
43 100

58 30.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 2.946 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028634.D

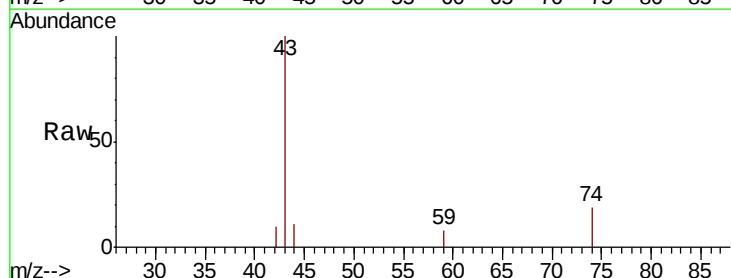
Acq: 12 Dec 2018 02:05

Tgt Ion: 43 Resp: 6869

Ion Ratio Lower Upper

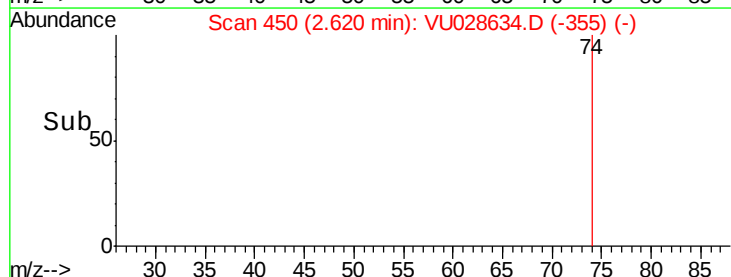
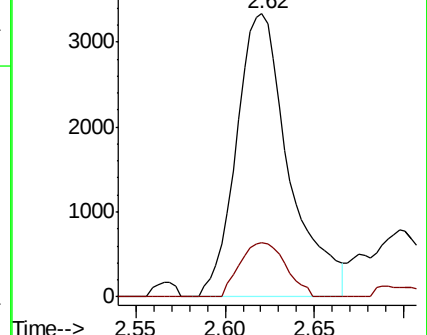
43 100

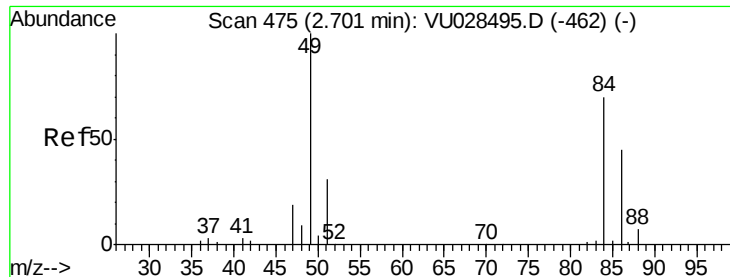
74 16.7 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

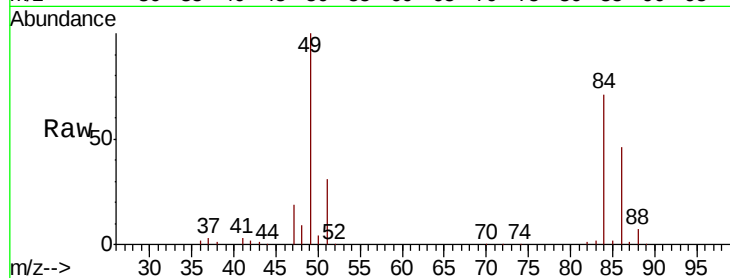




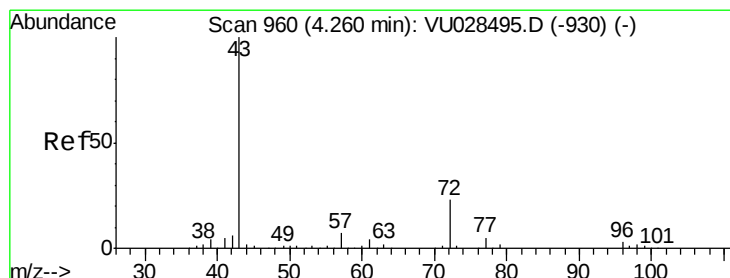
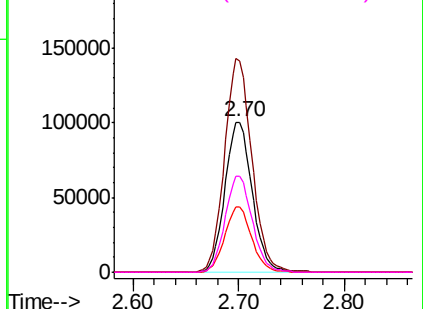
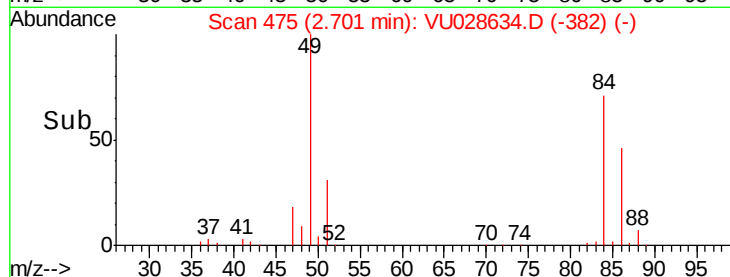
#20
Methvlene Chloride
Concen: 135.855 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

Instrument :
MSVOA_U
ClientSampleId :
OWS

Tot Ion: 84 Resp: 180150
Ion Ratio Lower Upper
84 100
49 140.9 114.0 171.0
51 43.9 35.1 52.7
86 64.1 51.0 76.6

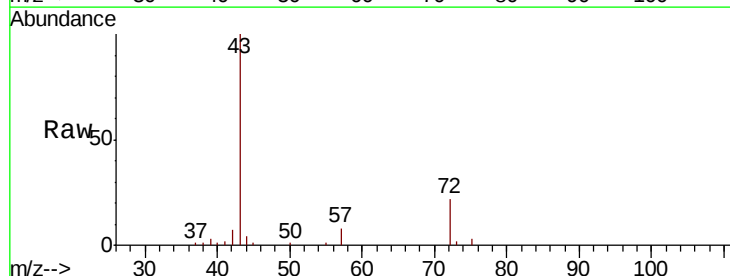


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

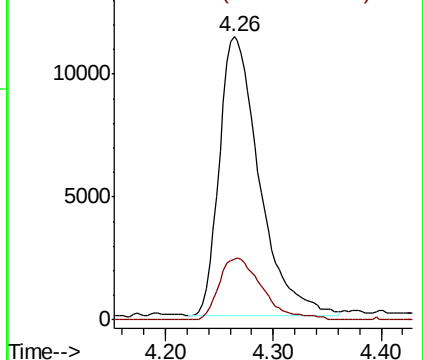
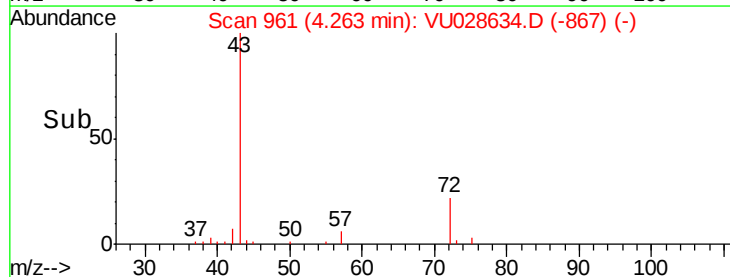


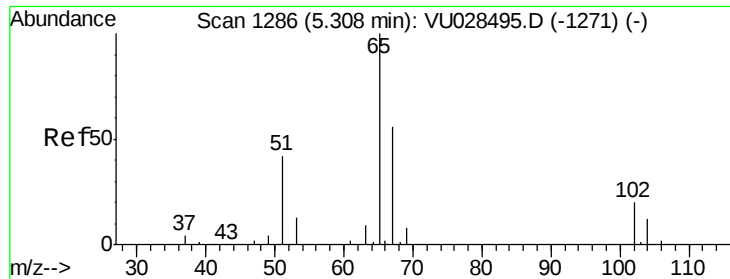
#25
2-Butanone
Concen: 23.949 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

Tgt Ion: 43 Resp: 29441
Ion Ratio Lower Upper
43 100
72 22.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

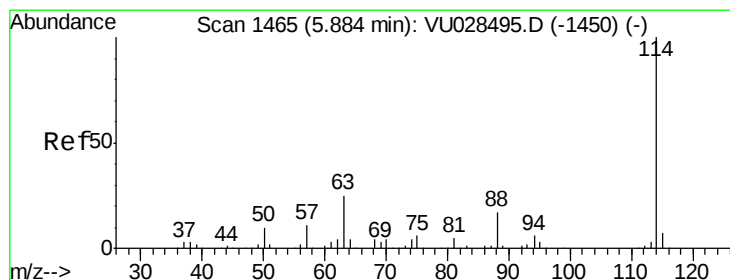
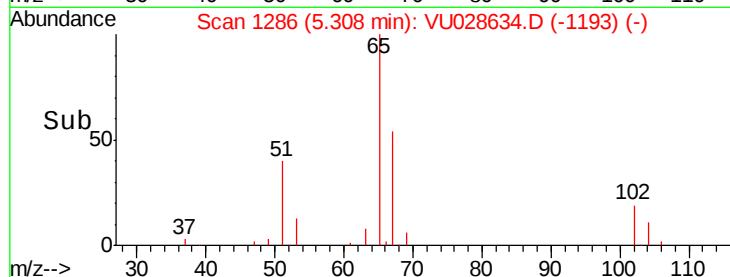
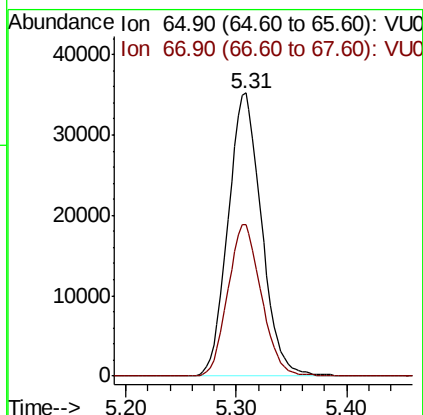
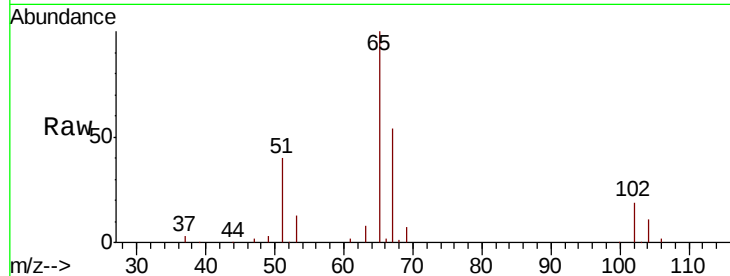




#33
 1,2-Dichloroethane-d4
 Concen: 53.778 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

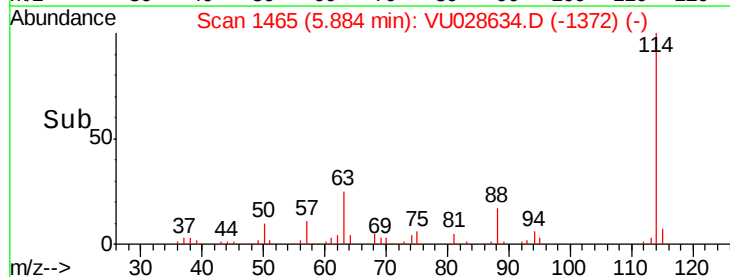
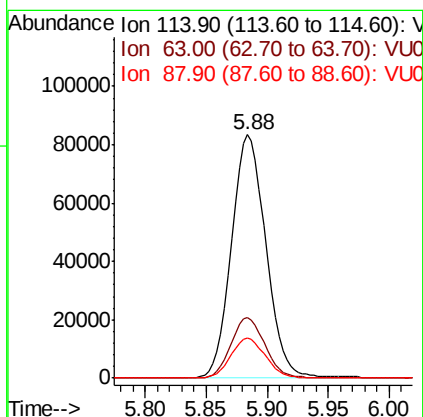
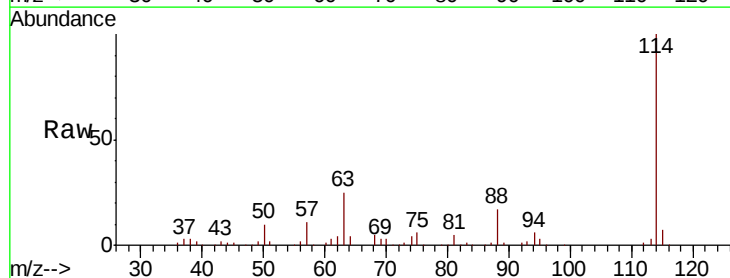
Instrument :
 MSVOA_U
 ClientSampleId :
 OWS

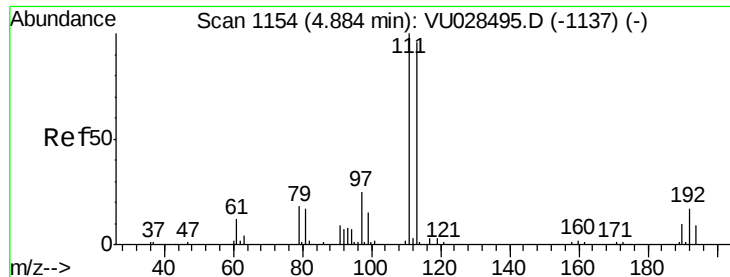
Tot Ion: 65 Resp: 74132
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

Tgt Ion: 114 Resp: 163529
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.5 0.0 33.4

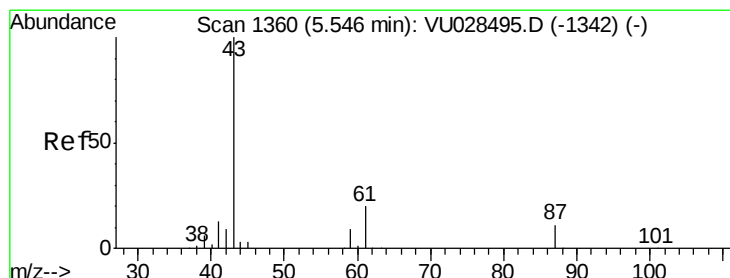
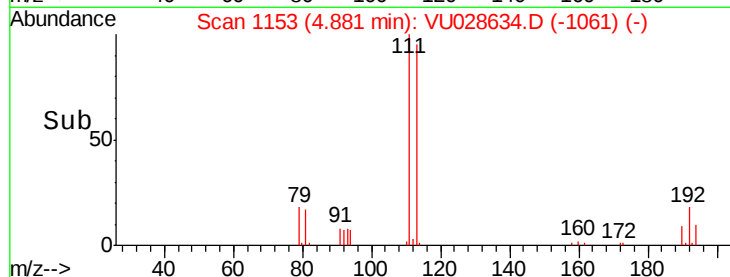
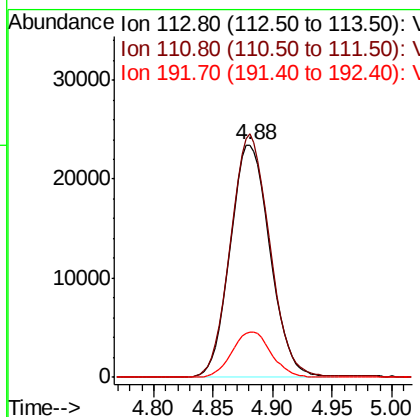
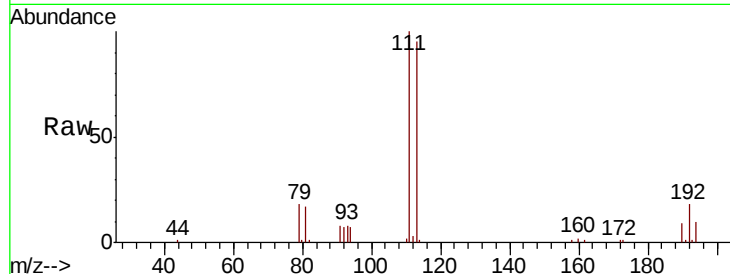




#35
 Dibromofluoromethane
 Concen: 52.894 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

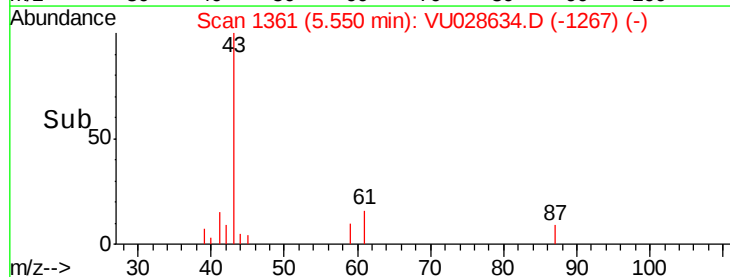
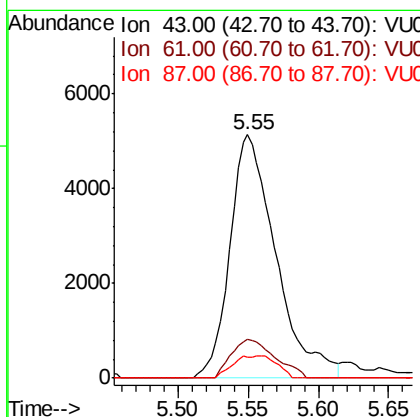
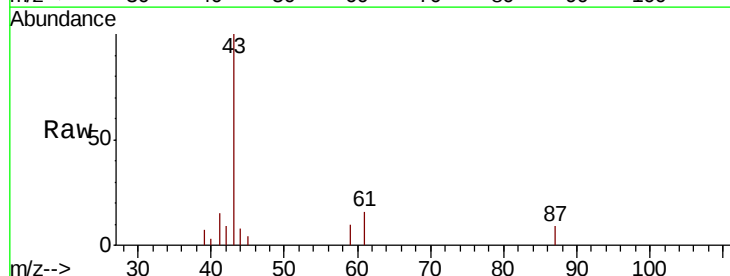
Instrument :
 MSVOA_U
 ClientSampleId :
 OWS

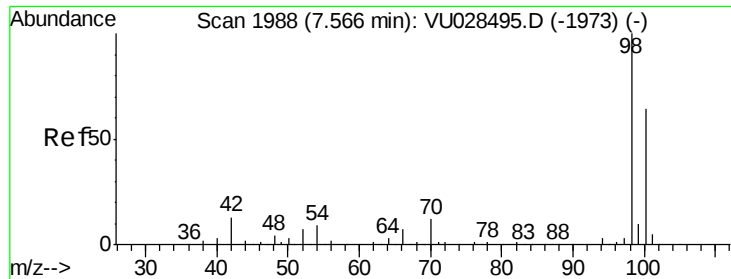
Tot Ion:113 Resp: 54433
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.0
 192 19.1 14.8 22.2



#43
 Isopropyl Acetate
 Concen: 3.196 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

Tgt Ion: 43 Resp: 11694
 Ion Ratio Lower Upper
 43 100
 61 15.1 15.5 23.3#
 87 8.8 8.7 13.1





#50

Toluene-d8

Concen: 52.739 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028634.D

Acq: 12 Dec 2018 02:05

Instrument :

MSVOA_U

ClientSampleId :

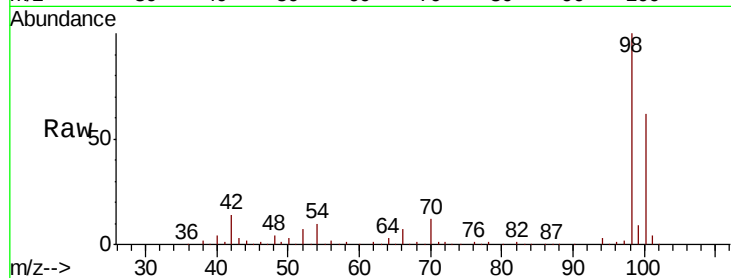
OWS

Tot Ion: 98 Resp: 214698

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

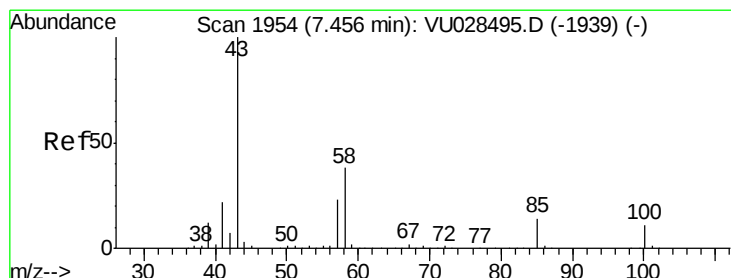
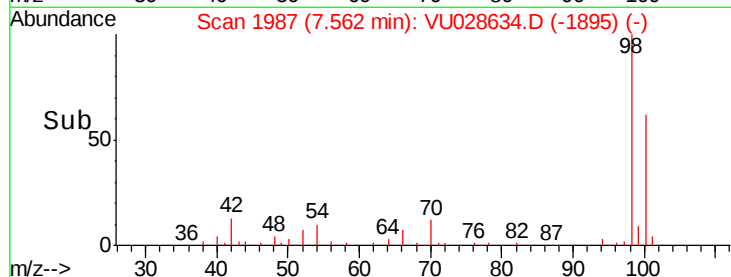
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 68.521 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028634.D

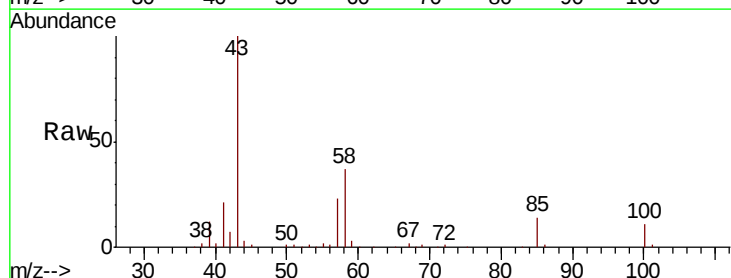
Acq: 12 Dec 2018 02:05

Tgt Ion: 43 Resp: 158125

Ion Ratio Lower Upper

43 100

58 38.8 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) (-)

7.46

100000

80000

60000

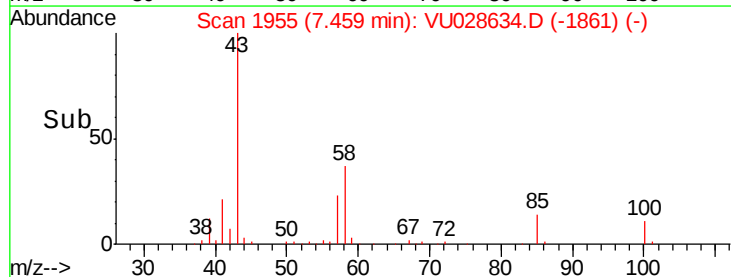
40000

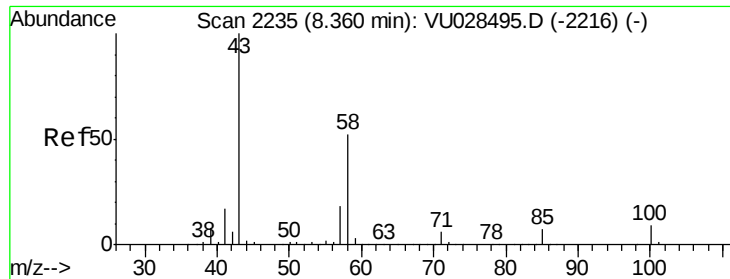
20000

0

7.40 7.45 7.50 7.55

Time-->

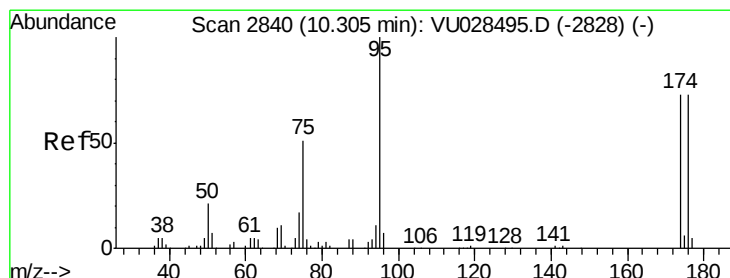
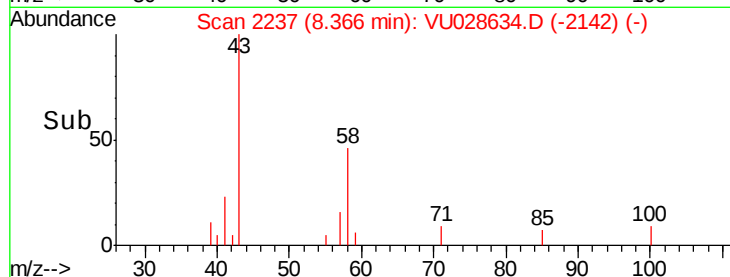
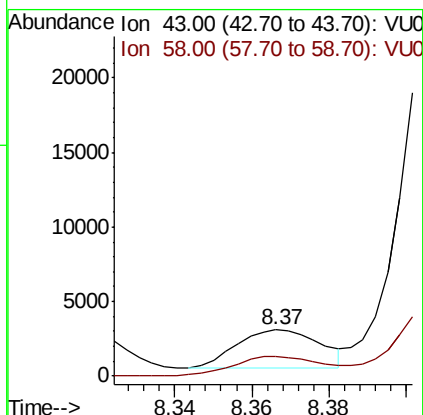
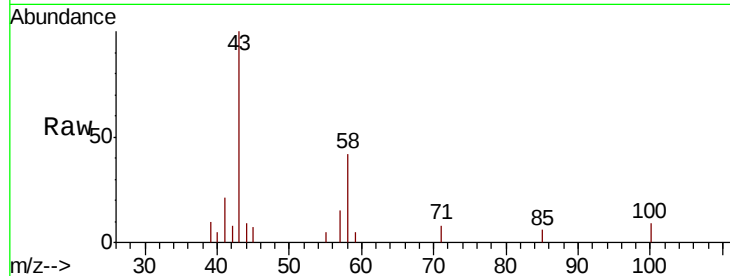




#59
2-Hexanone
Concen: 2.111 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.01 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

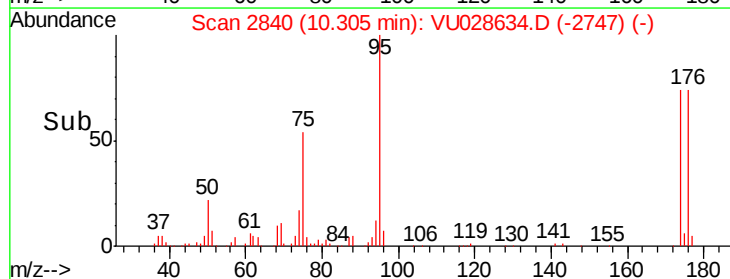
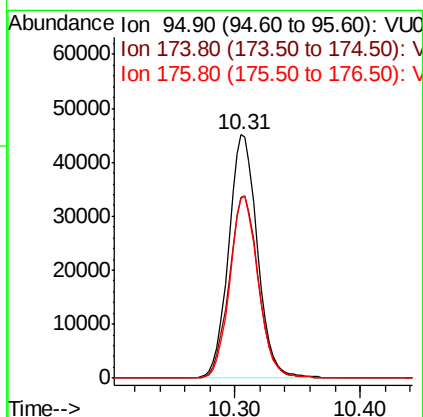
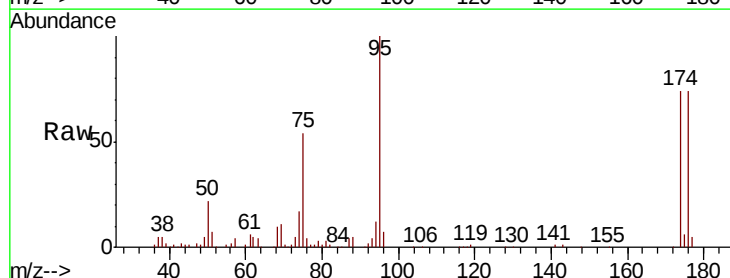
Instrument :
MSVOA_U
ClientSampleId :
OWS

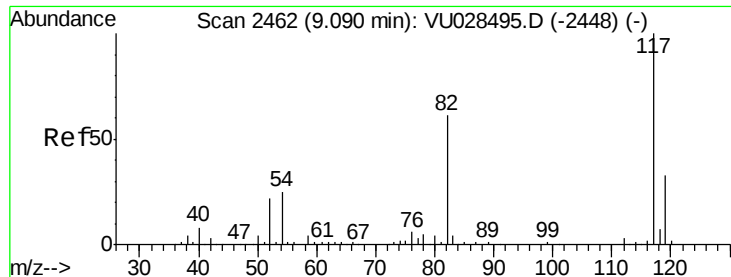
Tot Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 58.0 25.9 77.6



#62
4-Bromofluorobenzene
Concen: 46.956 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

Tgt Ion: 95 Resp: 71447
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.4
176 74.3 0.0 145.2

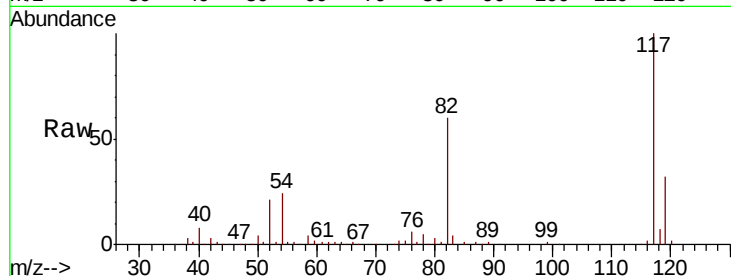




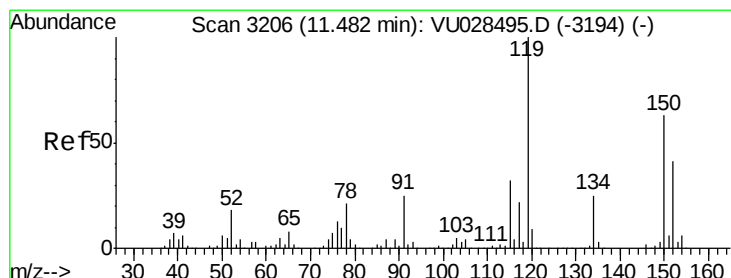
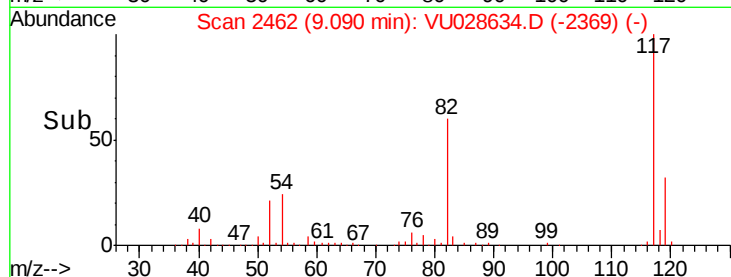
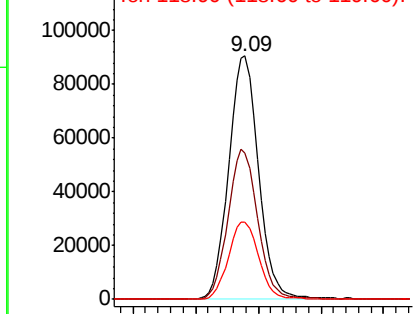
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

Instrument :
MSVOA_U
ClientSampleId :
OWS

Tot Ion:117 Resp: 150088
Ion Ratio Lower Upper
117 100
82 60.2 48.9 73.3
119 31.8 26.2 39.4

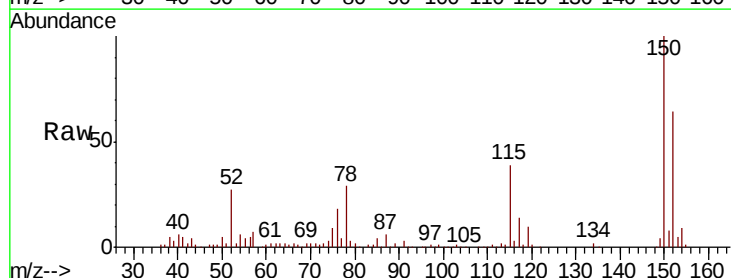


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

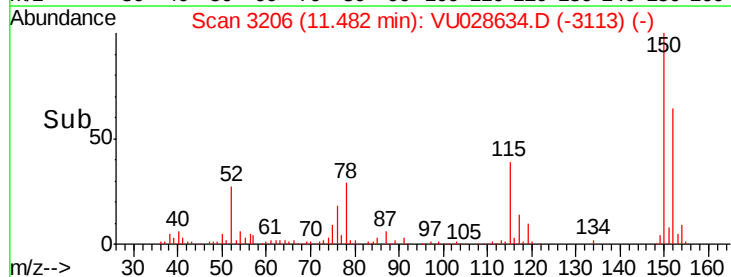
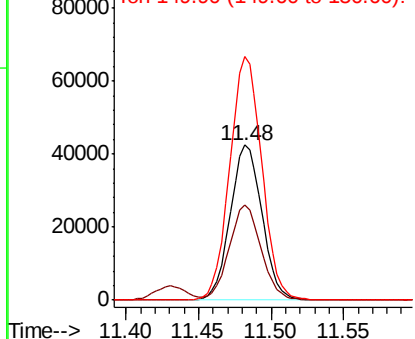


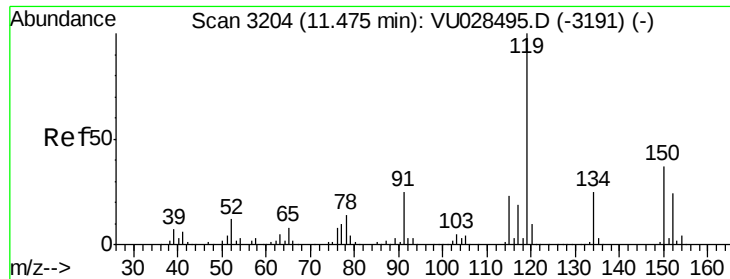
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028634.D
Acq: 12 Dec 2018 02:05

Tgt Ion:152 Resp: 64639
Ion Ratio Lower Upper
152 100
115 61.3 42.7 128.1
150 157.9 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

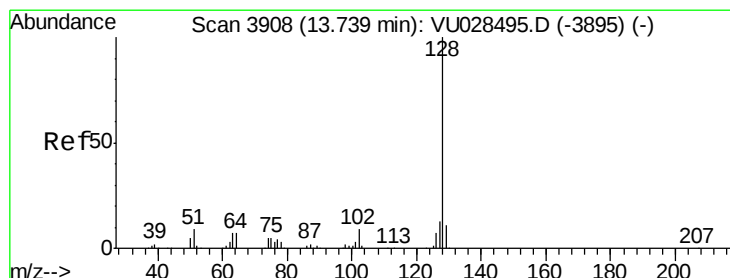
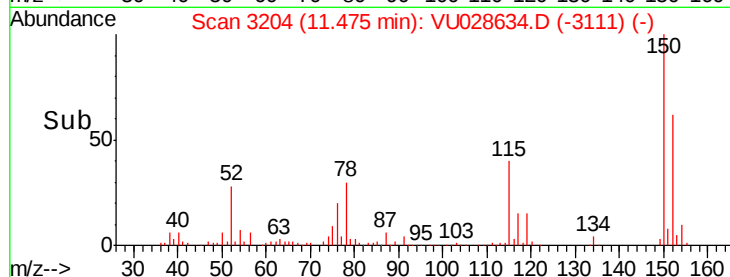
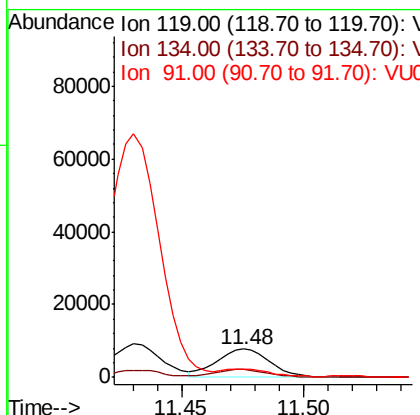
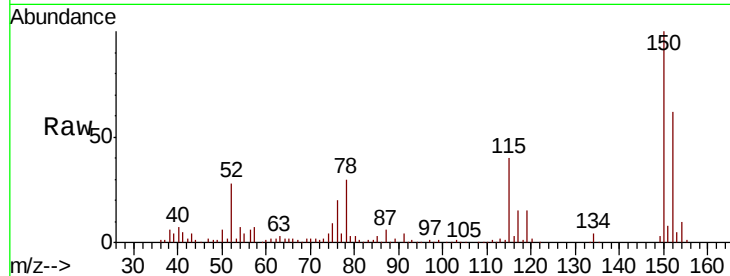




#86
 p-Isopropyltoluene
 Concen: 2.720 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

Instrument :
 MSVOA_U
 ClientSampled :
 OWS

Tot Ion:119 Resp: 11746
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.7 38.1
 91 0.0 12.6 37.6#



#95
 Naphthalene
 Concen: 1.413 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028634.D
 Acq: 12 Dec 2018 02:05

Tgt Ion:128 Resp: 7429
 Ion Ratio Lower Upper
 128 100
 127 24.6 10.4 15.6#
 129 11.5 8.6 13.0

