

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029117.D
 Acq On : 10 Jan 2019 14:40
 Operator : MD/SY
 Sample : K1116-01
 Misc : 6.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Quant Time: Jan 11 02:47:08 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	142854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	246873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	232491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	91573	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	4.88	113	78968	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	7.56	98	308610	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	10.31	95	113588	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

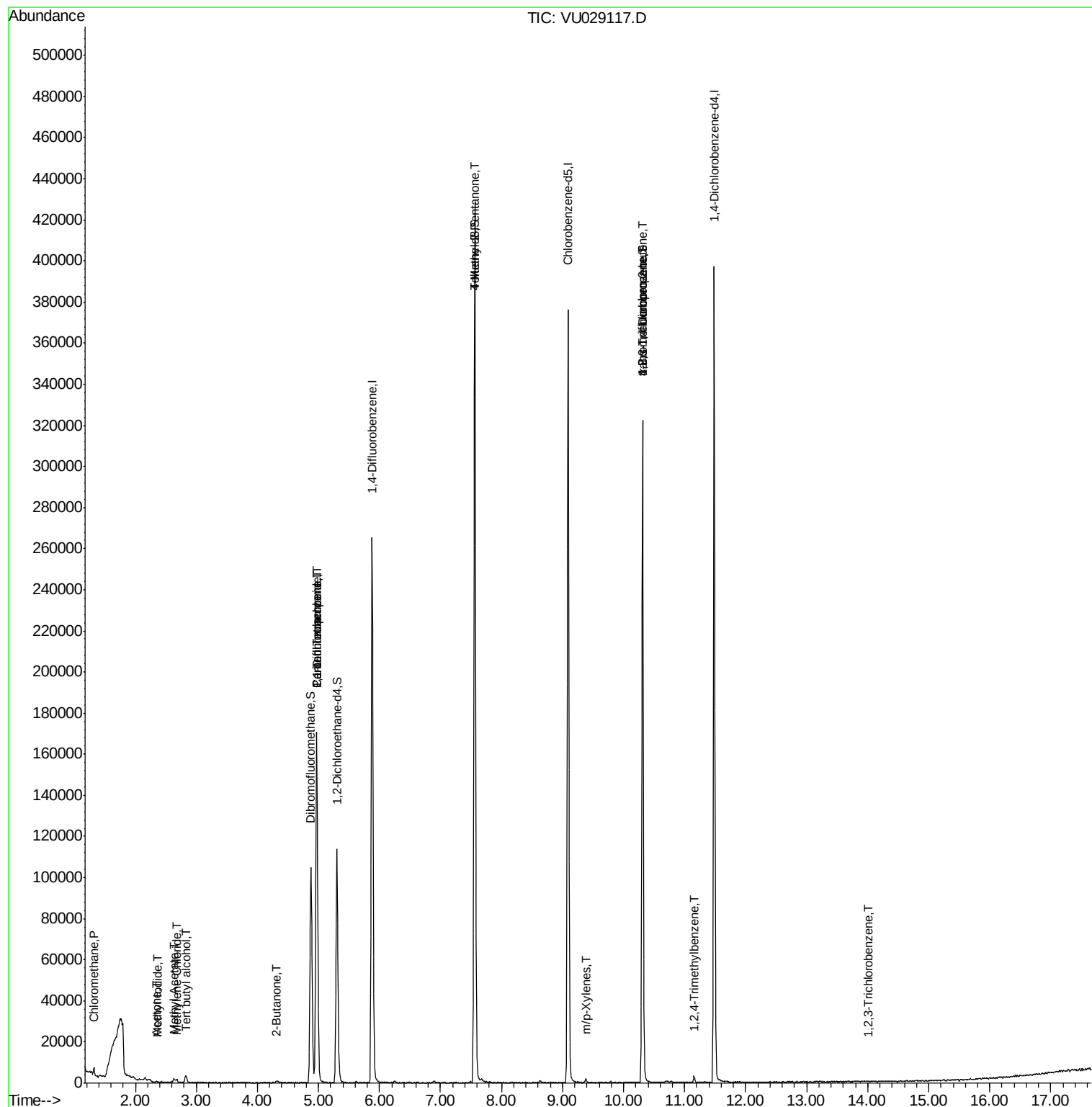
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2966	0.622	ug/l	96
5) Bromomethane	1.60	94	669	Below Cal		87
10) Methyl Iodide	2.38	142	295	0.206	ug/l #	45
11) Tert butyl alcohol	2.83	59	2297	5.117	ug/l #	73
16) Acetone	2.35	43	356	0.320	ug/l #	39
17) Carbon Disulfide	2.42	76	425	Below Cal	#	75
18) Methyl Acetate	2.63	43	3882	1.501	ug/l #	85
20) Methylene Chloride	2.68	84	425	0.225	ug/l #	88
25) 2-Butanone	4.30	43	818	0.544	ug/l	95
31) Cyclohexane	4.97	56	2472	Below Cal	#	1
36) 1,1-Dichloropropene	4.97	75	10512	4.260	ug/l #	47
38) Carbon Tetrachloride	4.97	117	12890	6.263	ug/l #	18
51) 4-Methyl-2-Pentanone	7.56	43	1151	0.407	ug/l #	1
68) m/p-Xylenes	9.38	106	725	0.214	ug/l	76
76) 1,2,3-Trichloropropane	10.31	75	53823	20.421	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	53823	52.668	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2390	0.360	ug/l	94
96) 1,2,3-Trichlorobenzene	14.01	180	40	0.791	ug/l #	12

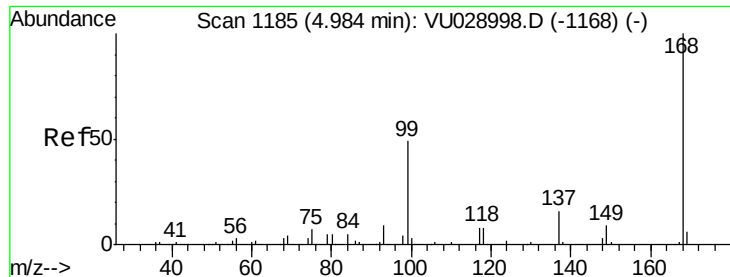
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029117.D
Acq On : 10 Jan 2019 14:40
Operator : MD/SY
Sample : K1116-01
Misc : 6.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
S49-IDW03

Quant Time: Jan 11 02:47:08 2019
Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

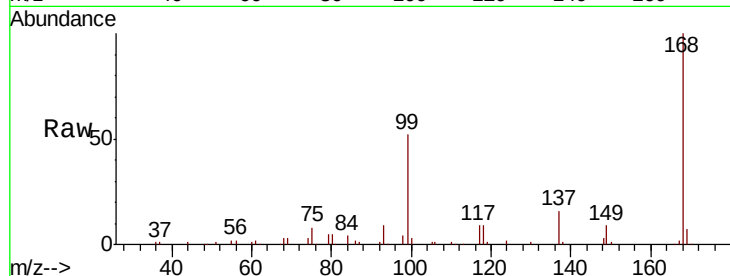
S49-IDW03

Tgt Ion: 168 Resp: 142854

Ion Ratio Lower Upper

168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.97

60000

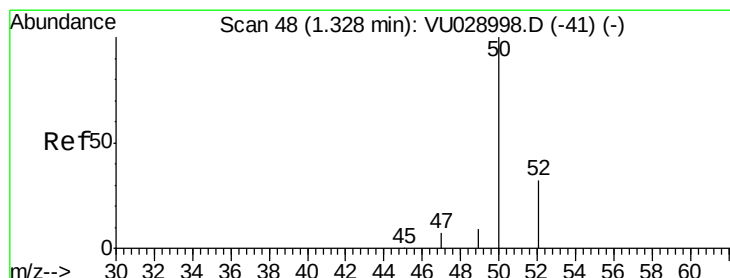
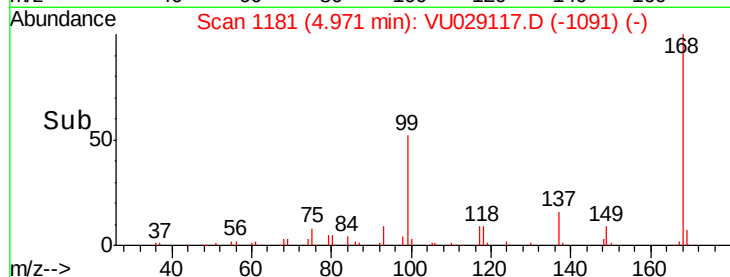
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.622 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029117.D

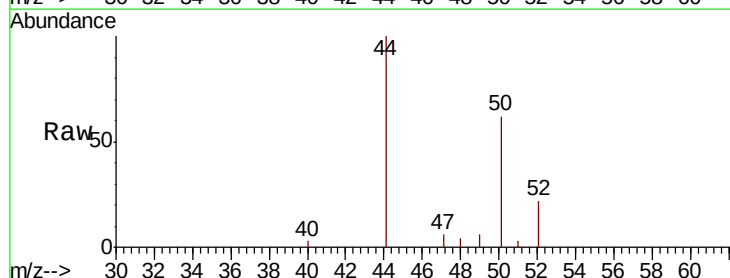
Acq: 10 Jan 2019 14:40

Tgt Ion: 50 Resp: 2966

Ion Ratio Lower Upper

50 100

52 35.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VU028998.D (-41) (-)

1.32

2500

2000

1500

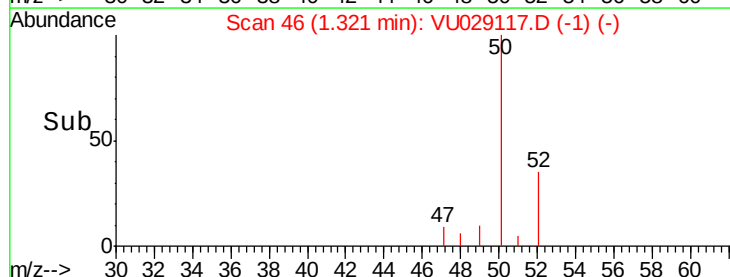
1000

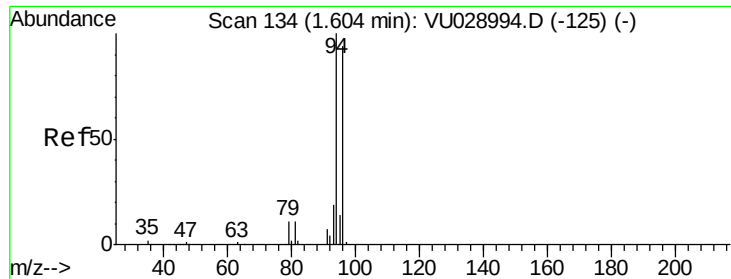
500

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

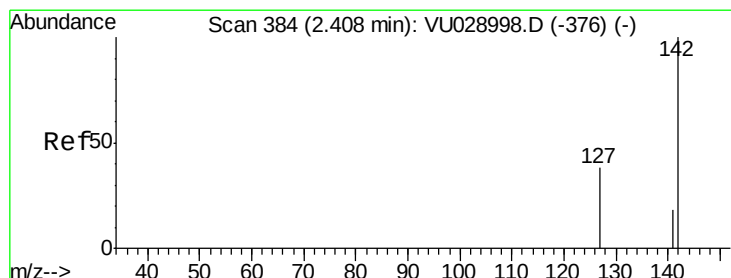
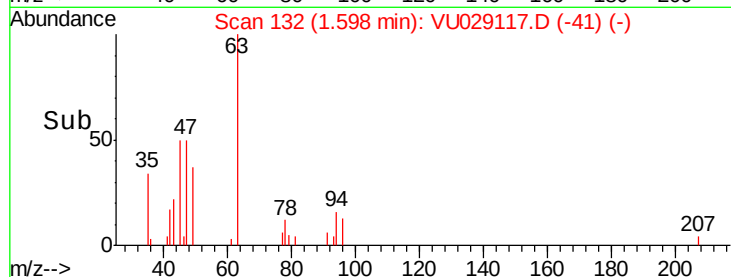
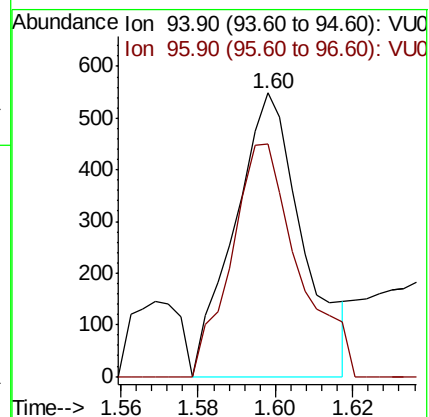
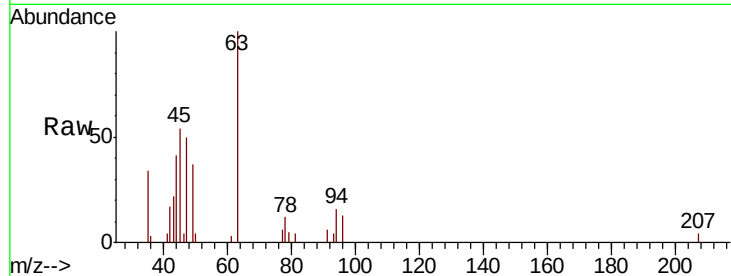
S49-IDW03

Tgt Ion: 94 Resp: 669

Ion Ratio Lower Upper

94 100

96 81.9 75.5 113.3



#10

Methyl Iodide

Concen: 0.206 ug/l

RT: 2.38 min Scan# 374

Delta R.T. -0.03 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

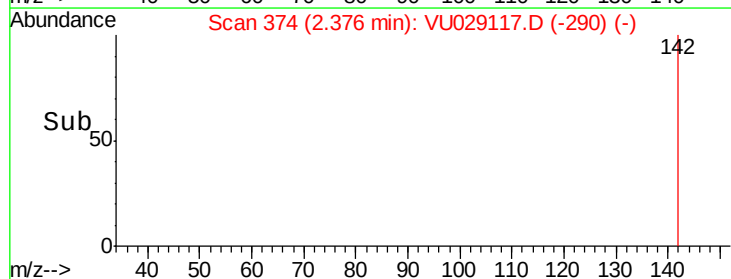
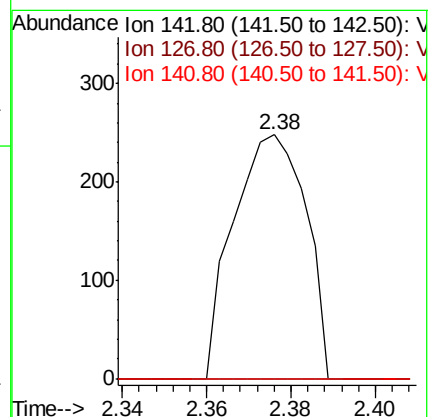
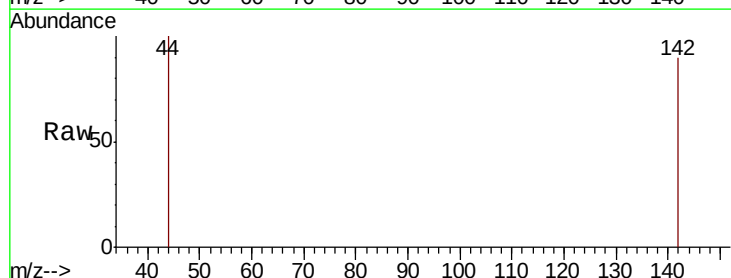
Tgt Ion: 142 Resp: 295

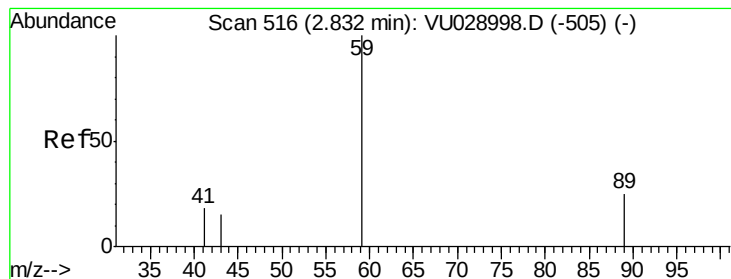
Ion Ratio Lower Upper

142 100

127 0.0 29.8 44.6#

141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 5.117 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.01 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

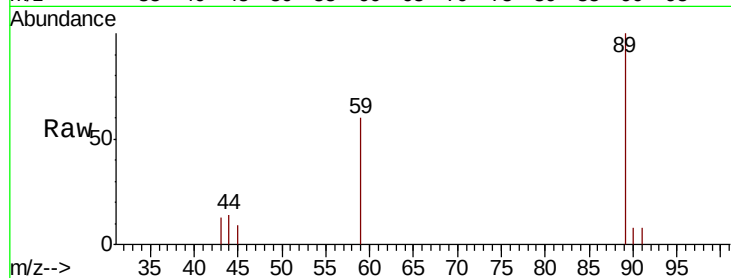
S49-IDW03

Tgt Ion: 59 Resp: 2297

Ion Ratio Lower Upper

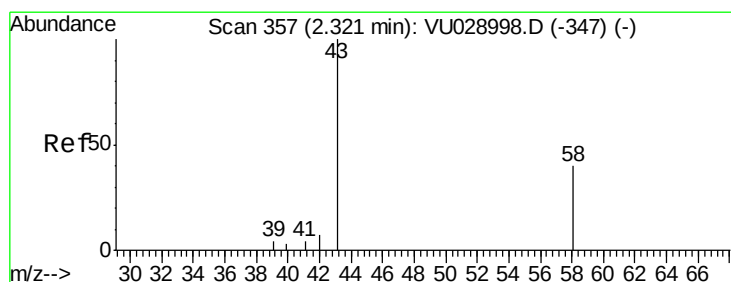
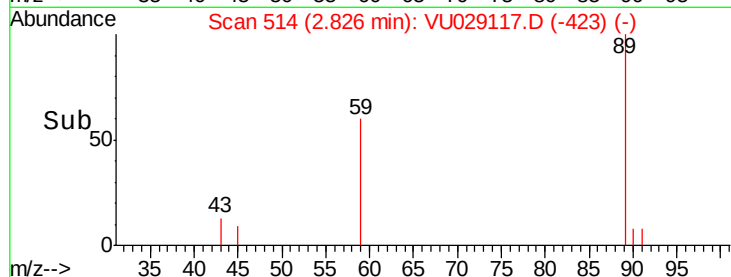
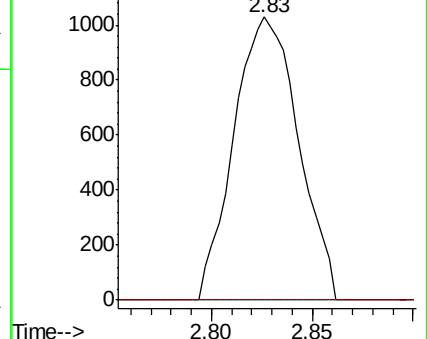
59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#16

Acetone

Concen: 0.320 ug/l

RT: 2.35 min Scan# 367

Delta R.T. 0.03 min

Lab File: VU029117.D

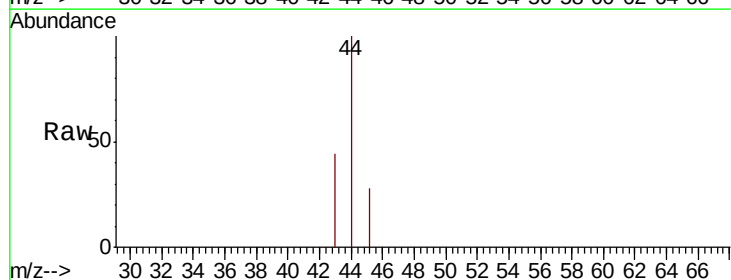
Acq: 10 Jan 2019 14:40

Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

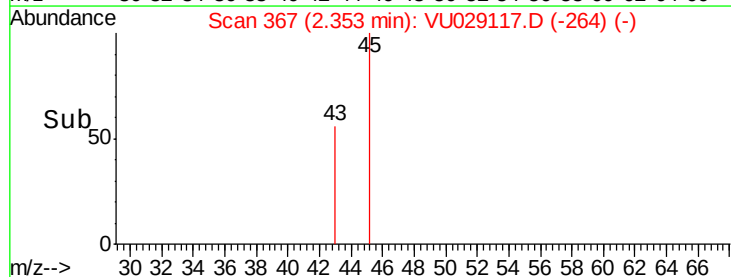
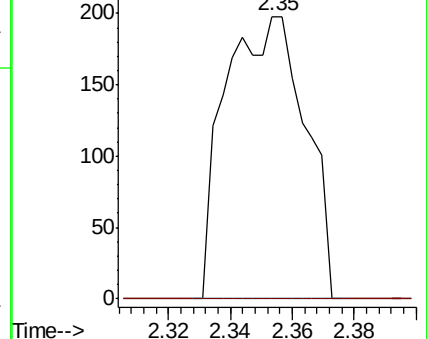
43 100

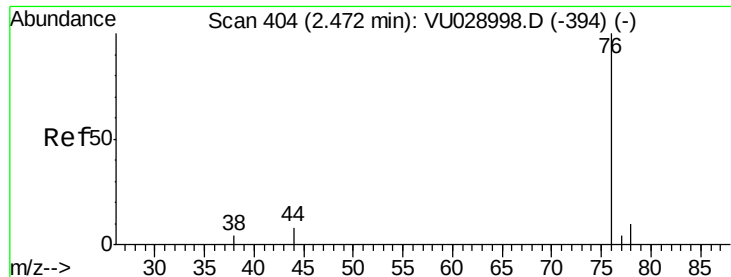
58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.42 min Scan# 389

Delta R.T. -0.05 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

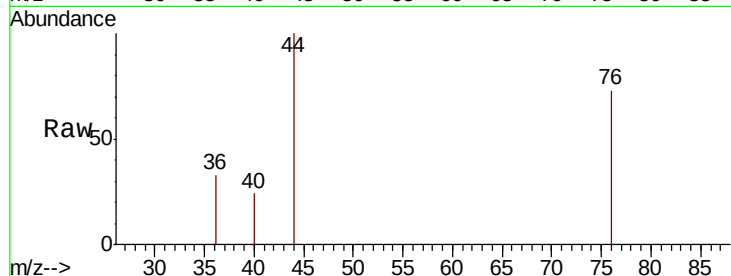
S49-IDW03

Tgt Ion: 76 Resp: 425

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

2.42

300

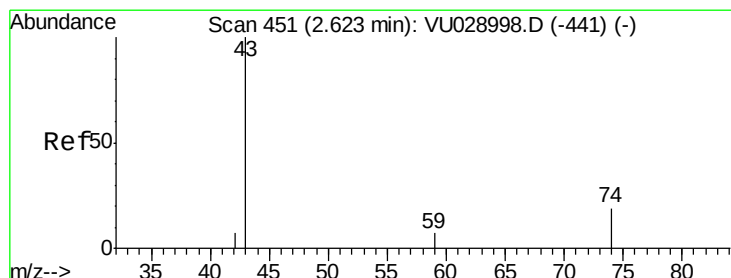
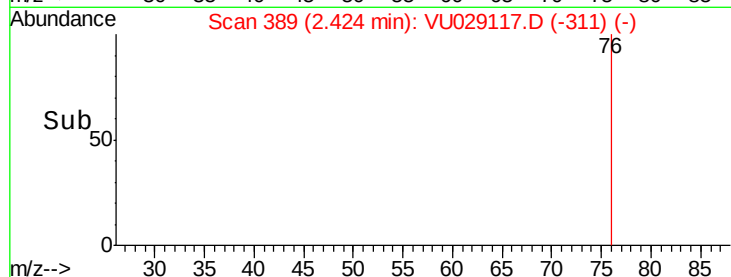
200

100

0

Time-->

2.40 2.42 2.44 2.46



#18

Methyl Acetate

Concen: 1.501 ug/l

RT: 2.63 min Scan# 454

Delta R.T. 0.02 min

Lab File: VU029117.D

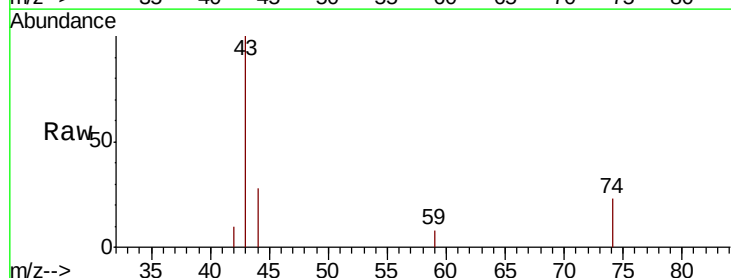
Acq: 10 Jan 2019 14:40

Tgt Ion: 43 Resp: 3882

Ion Ratio Lower Upper

43 100

74 17.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.63

1500

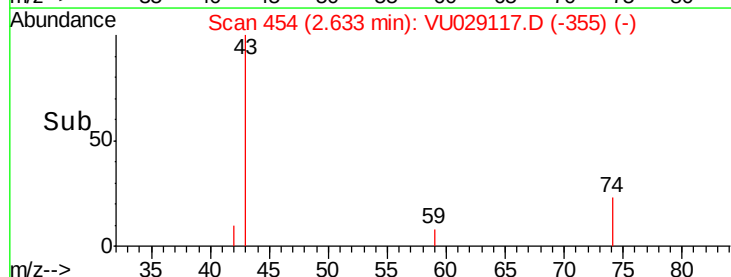
1000

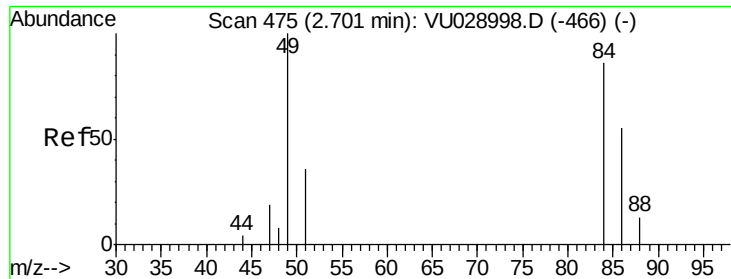
500

0

Time-->

2.55 2.60 2.65 2.70 2.75

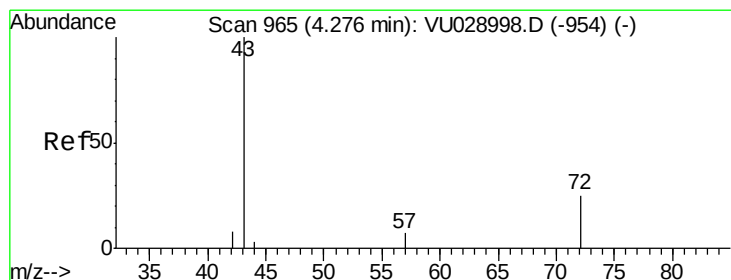
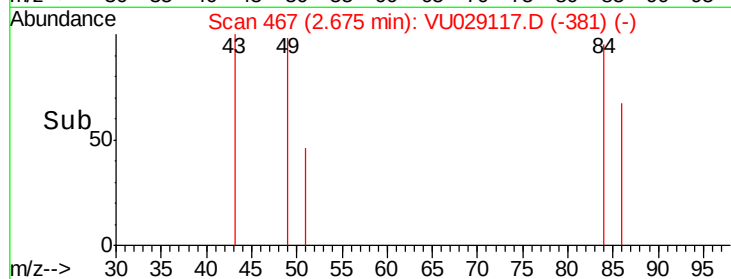
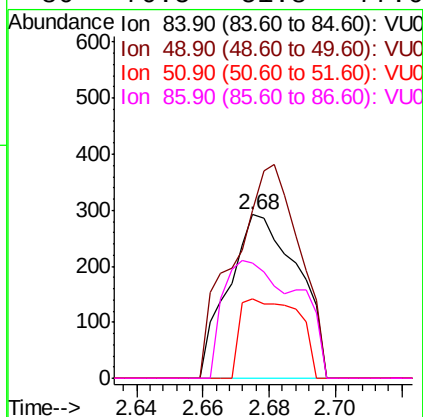
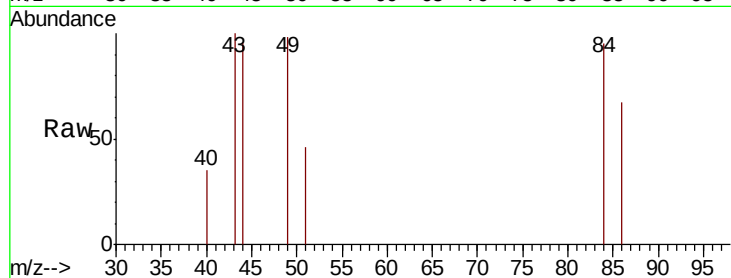




#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.68 min Scan# 467
Delta R.T. -0.02 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

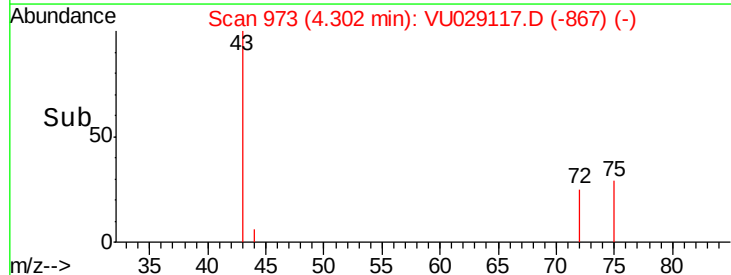
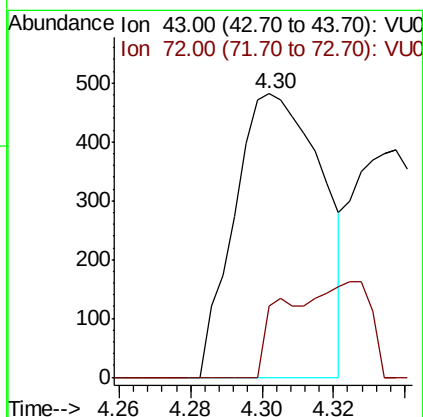
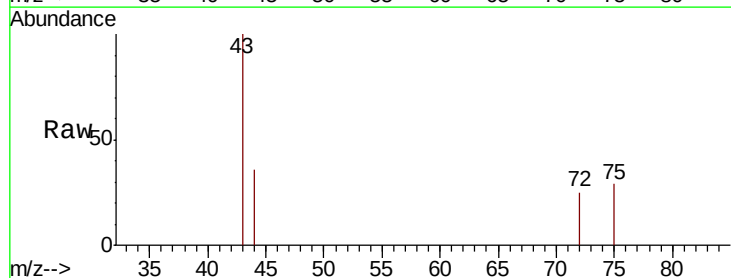
Instrument :
MSVOA_U
ClientSampleId :
S49-IDW03

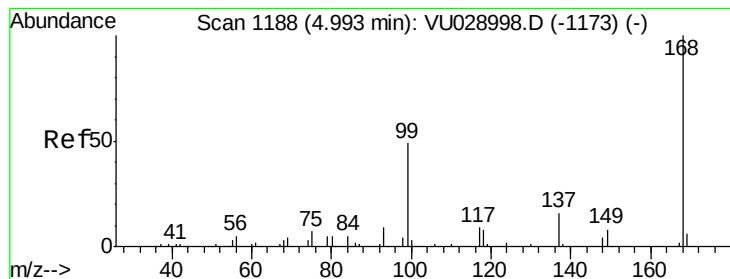
Tgt Ion: 84 Resp: 425
Ion Ratio Lower Upper
84 100
49 102.7 91.9 137.9
51 48.6 29.2 43.8#
86 70.5 51.8 77.6



#25
2-Butanone
Concen: 0.544 ug/l
RT: 4.30 min Scan# 973
Delta R.T. 0.04 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 25.3 22.6 33.8





#31

Cyclohexane

Concen: Below Cal

RT: 4.97 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

S49-IDW03

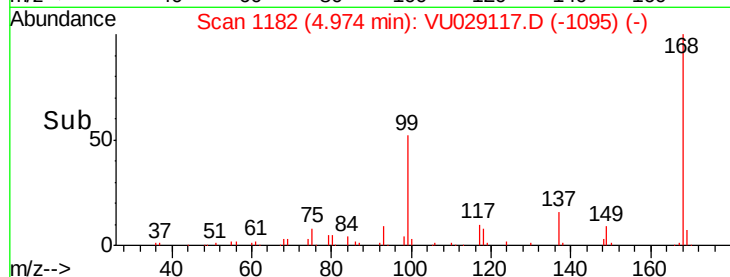
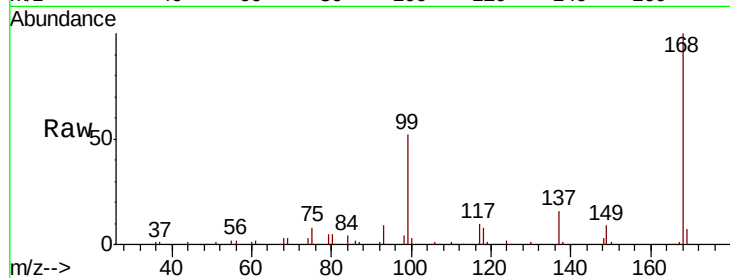
Tgt Ion: 56 Resp: 2472

Ion Ratio Lower Upper

56 100

69 182.7 26.7 40.1#

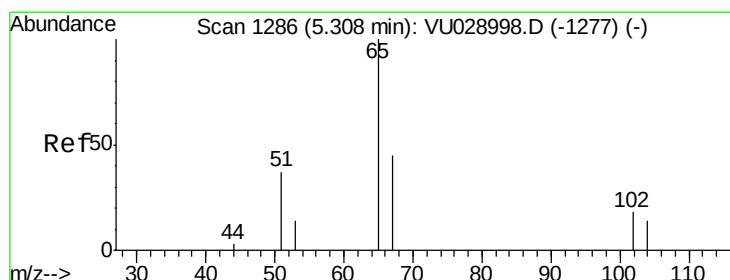
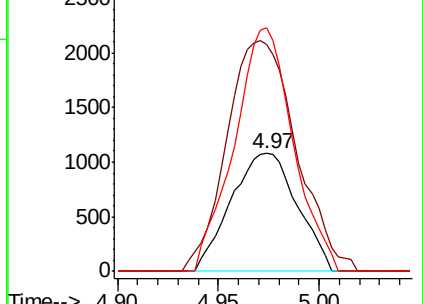
84 206.5 65.7 98.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU029117.D

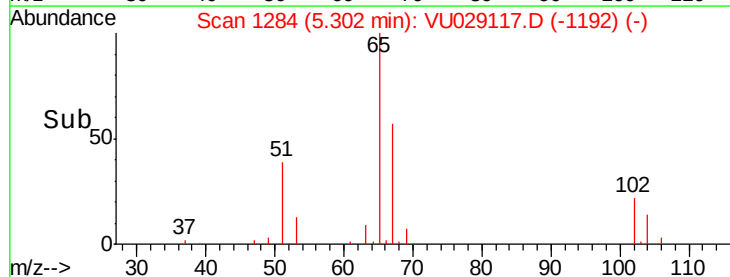
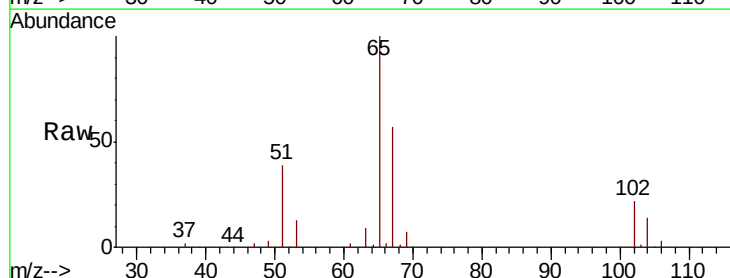
Acq: 10 Jan 2019 14:40

Tgt Ion: 65 Resp: 91573

Ion Ratio Lower Upper

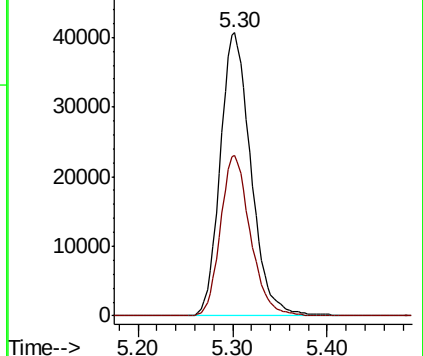
65 100

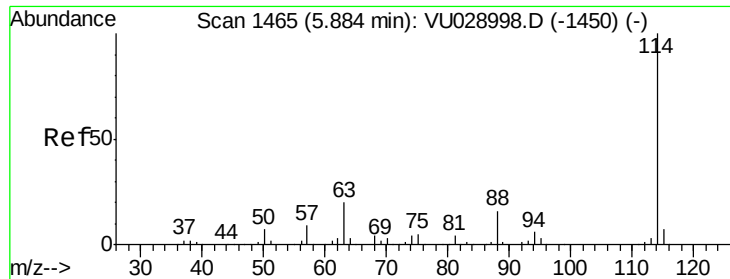
67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

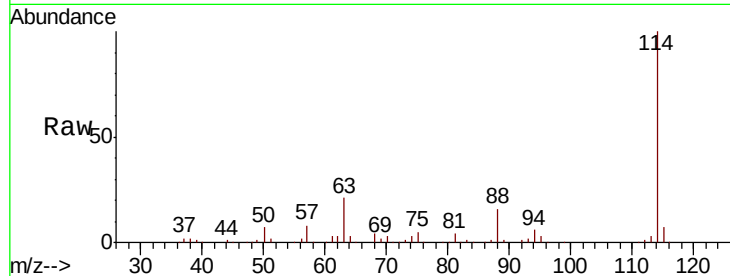




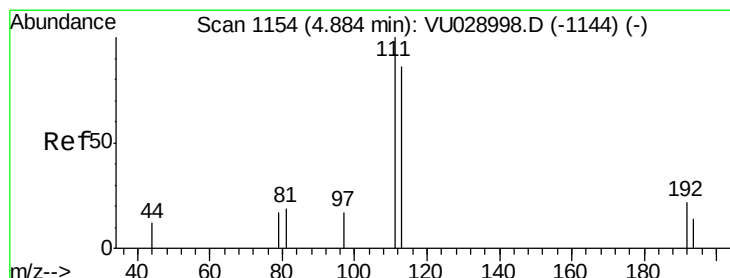
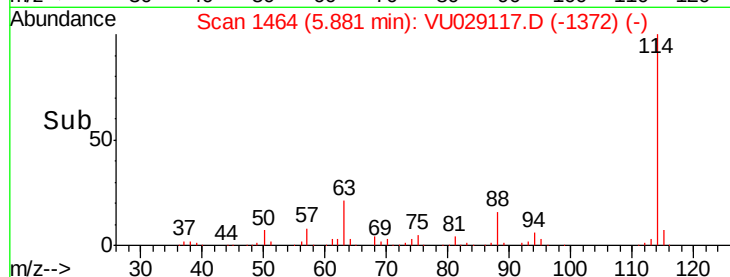
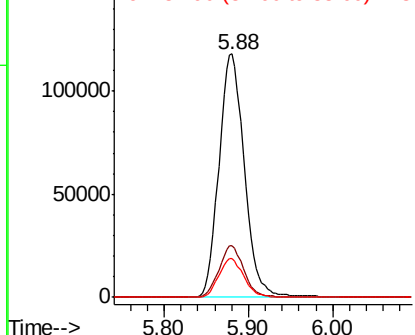
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Tgt Ion:114 Resp: 246873
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.7 0.0 30.4

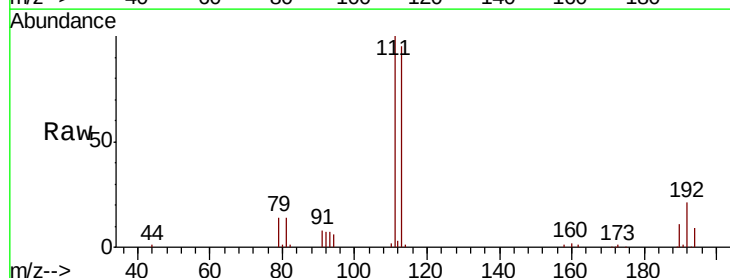


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

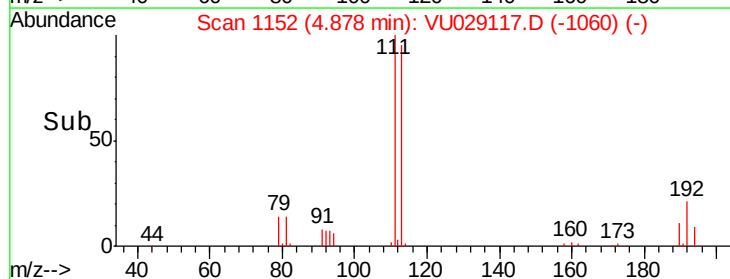
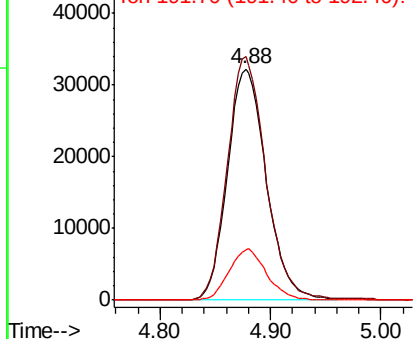


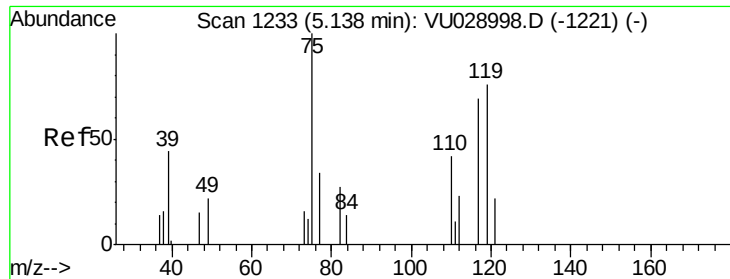
#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Tgt Ion:113 Resp: 78968
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.4 122.2
 192 21.3 16.8 25.2



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

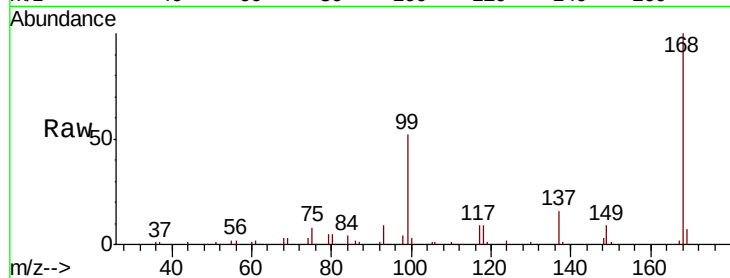




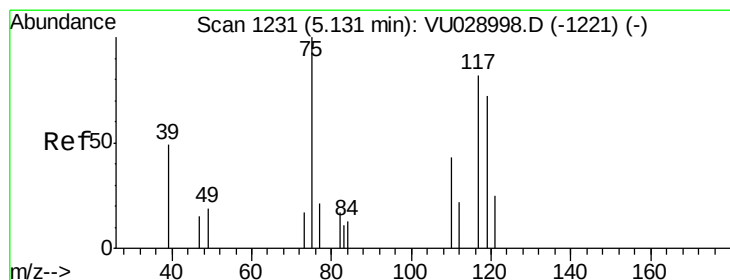
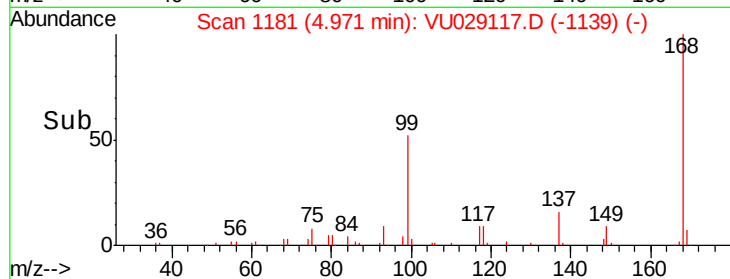
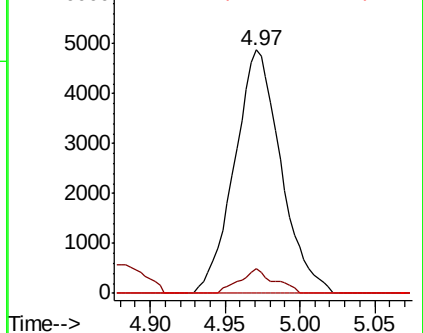
#36
 1,1-Dichloropropene
 Concen: 4.260 ug/l
 RT: 4.97 min Scan# 1181
 Delta R.T. -0.16 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Tgt Ion: 75 Resp: 10512
 Ion Ratio Lower Upper
 75 100
 110 7.5 18.4 55.4#
 77 0.0 25.1 37.7#

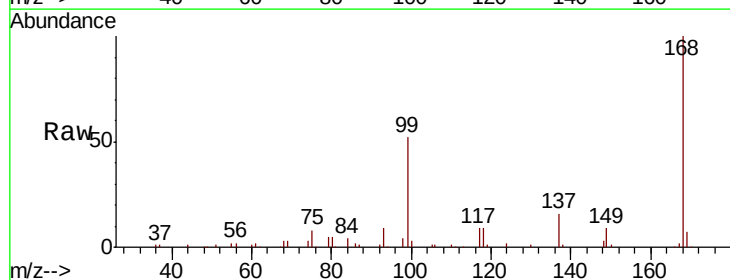


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

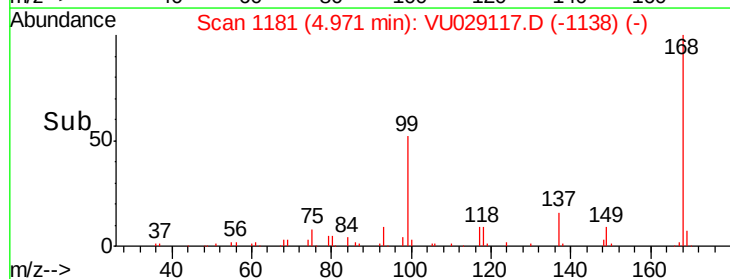
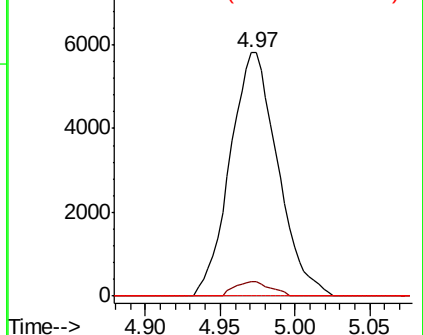


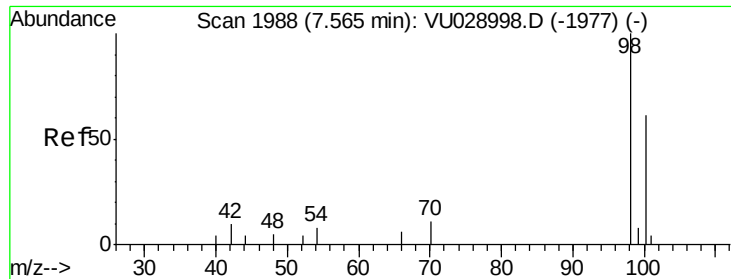
#38
 Carbon Tetrachloride
 Concen: 6.263 ug/l
 RT: 4.97 min Scan# 1181
 Delta R.T. -0.16 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Tgt Ion: 117 Resp: 12890
 Ion Ratio Lower Upper
 117 100
 119 6.0 74.6 111.8#
 121 0.0 25.0 37.6#



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

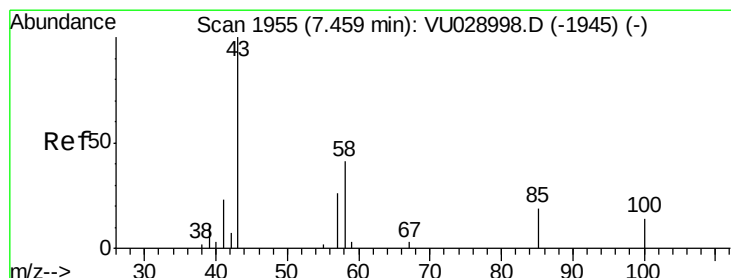
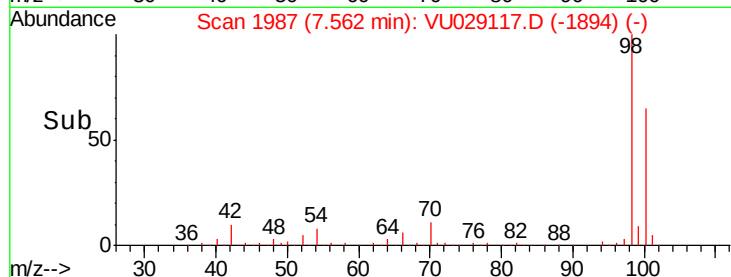
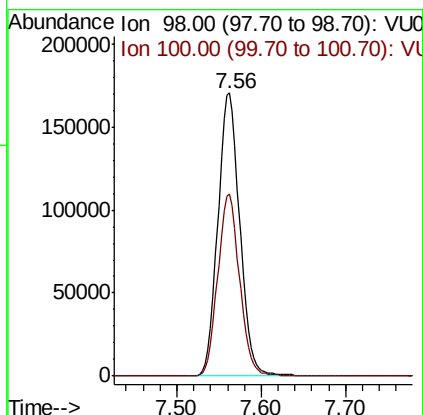
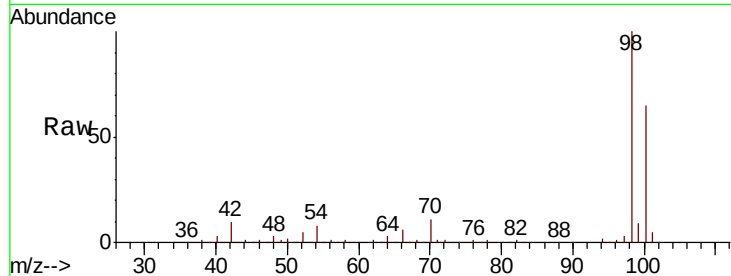




#50
Toluene-d8
Concen: 48.848 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

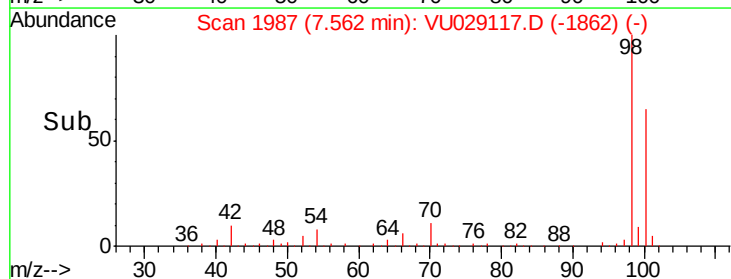
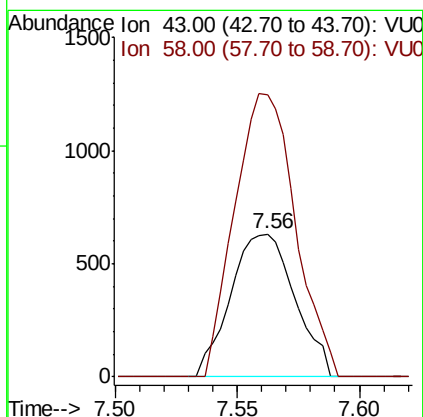
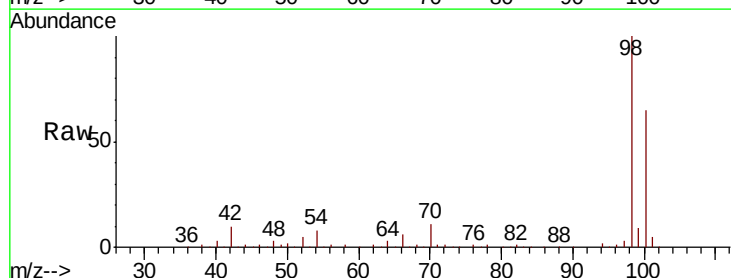
Instrument :
MSVOA_U
ClientSampleId :
S49-IDW03

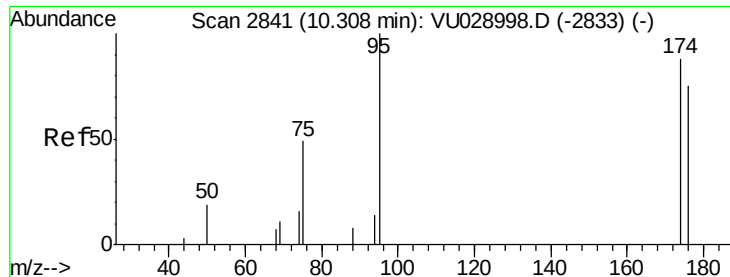
Tgt Ion: 98 Resp: 308610
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.407 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 187.8 33.9 50.9#

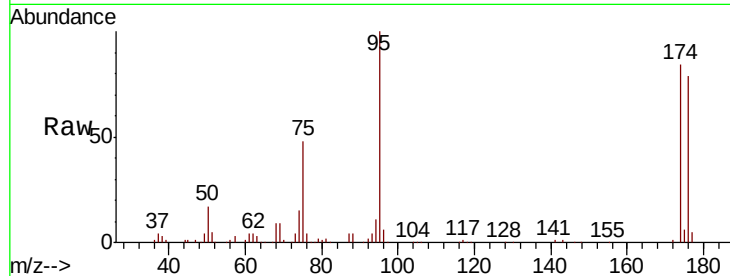




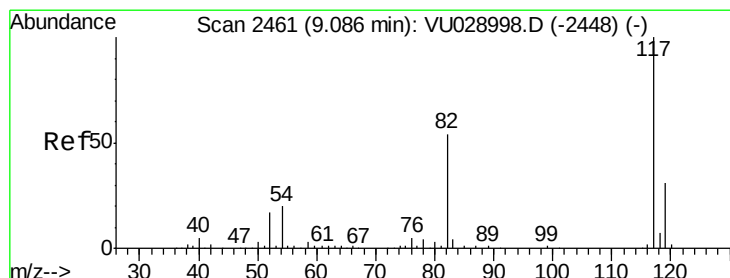
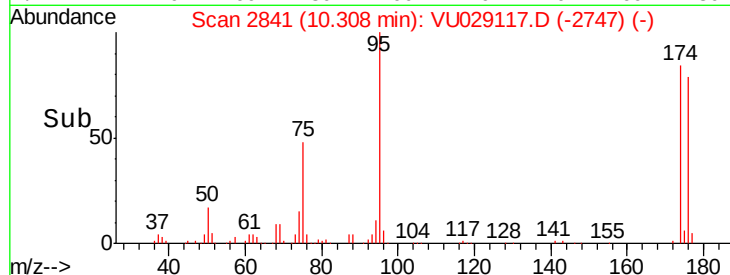
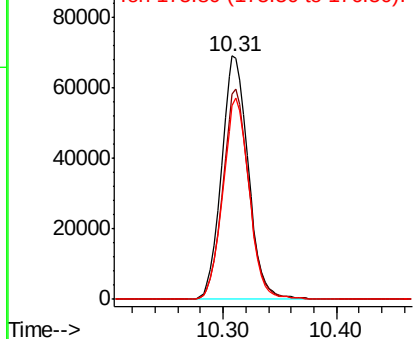
#62
 4-Bromofluorobenzene
 Concen: 50.028 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Tgt Ion: 95 Resp: 113588
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 170.6
 176 81.3 0.0 165.0

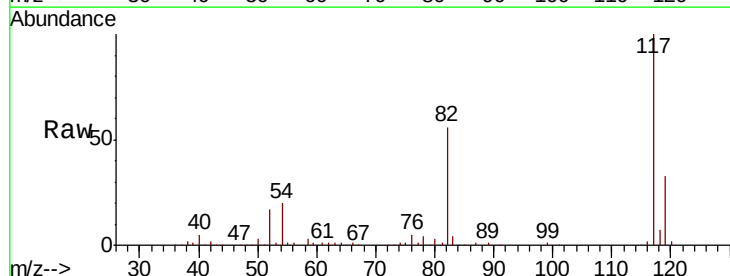


Abundance Ion 94.90 (94.60 to 95.60): VU
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

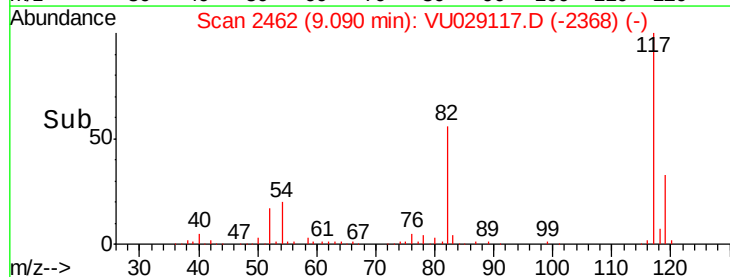
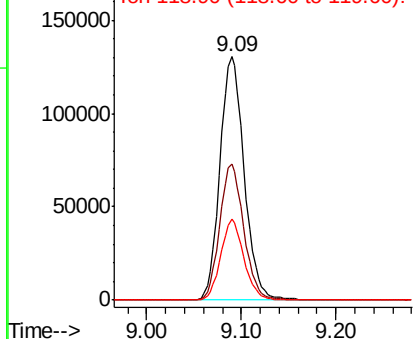


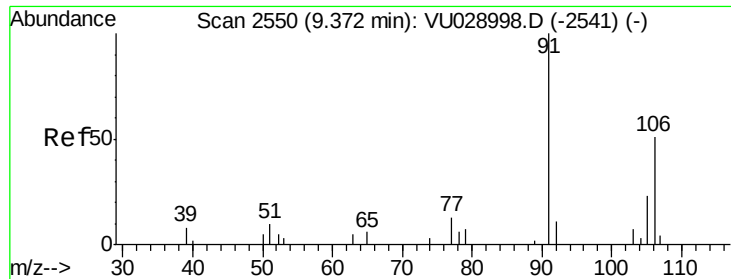
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Tgt Ion: 117 Resp: 232491
 Ion Ratio Lower Upper
 117 100
 82 56.0 43.9 65.9
 119 33.0 26.0 39.0



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

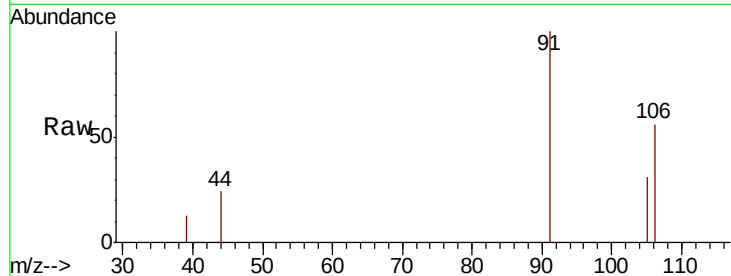




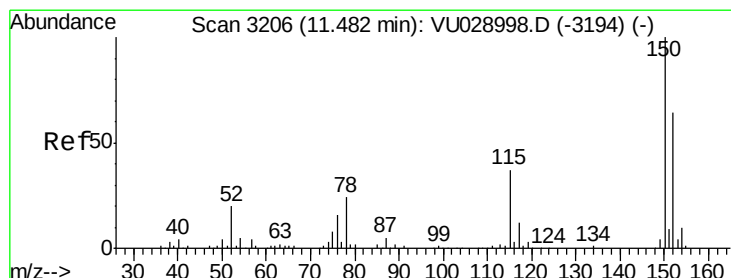
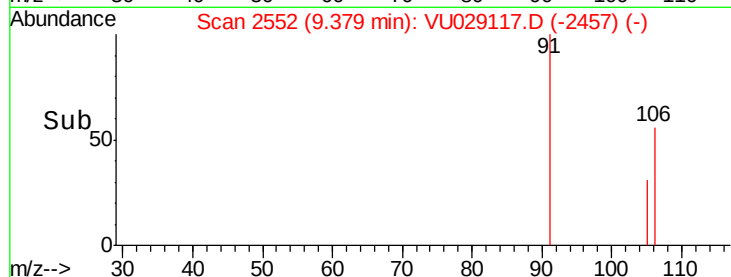
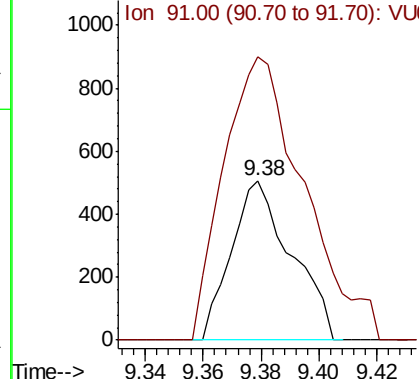
#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Instrument :
MSVOA_U
ClientSampleId :
S49-IDW03

Tgt Ion:106 Resp: 725
Ion Ratio Lower Upper
106 100
91 238.9 161.7 242.5

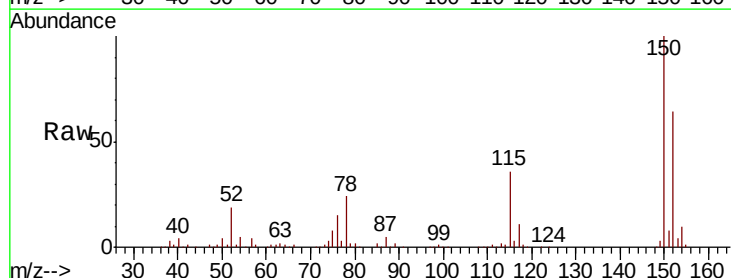


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

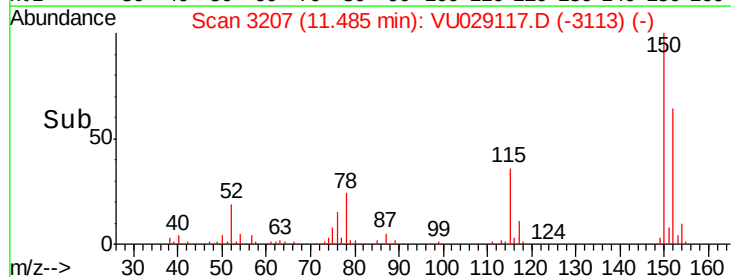
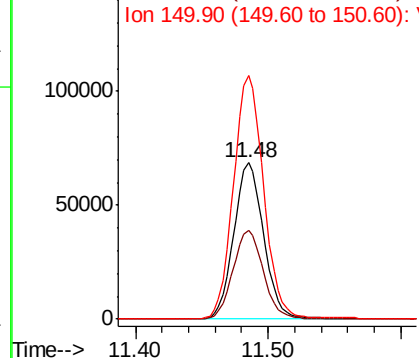


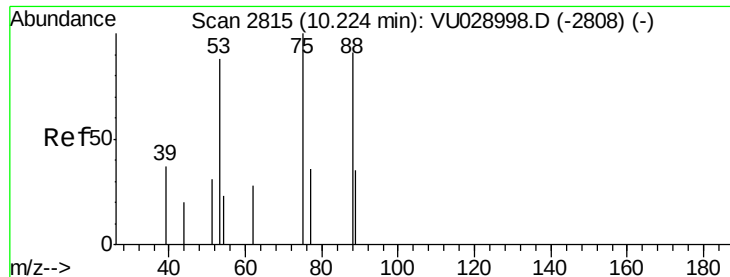
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029117.D
Acq: 10 Jan 2019 14:40

Tgt Ion:152 Resp: 107569
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 158.0 0.0 345.2



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: 20.421 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

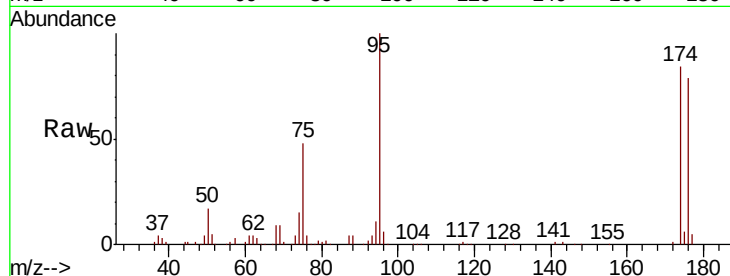
S49-IDW03

Tgt Ion: 75 Resp: 53823

Ion Ratio Lower Upper

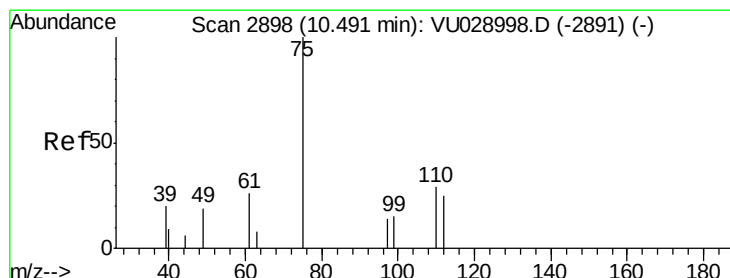
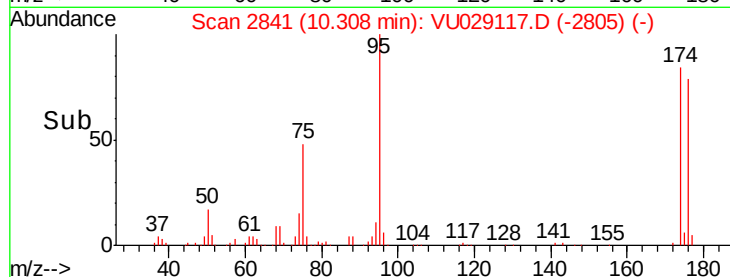
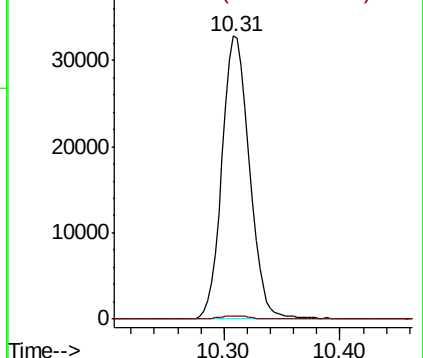
75 100

77 1.1 20.9 62.8#



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: 52.668 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU029117.D

Acq: 10 Jan 2019 14:40

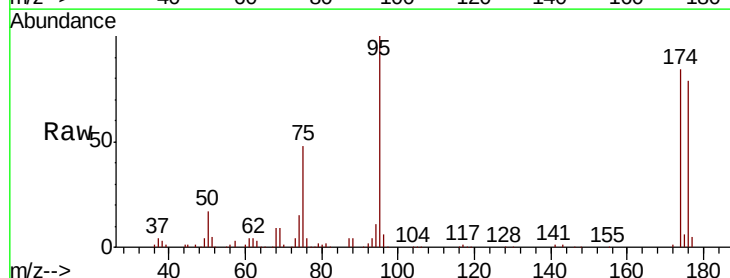
Tgt Ion: 75 Resp: 53823

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

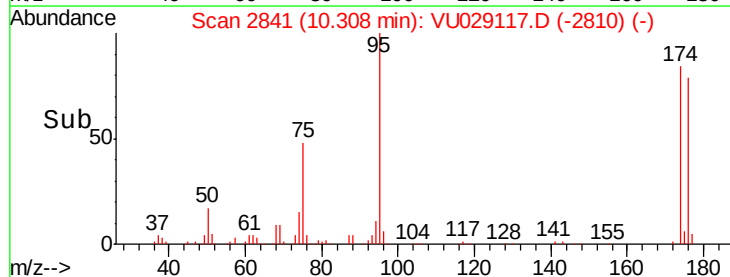
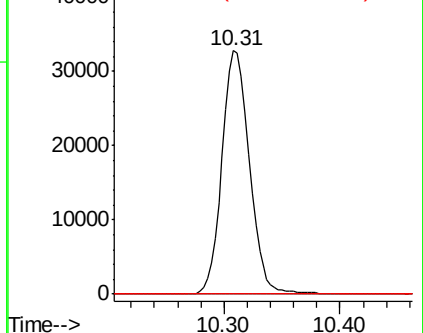
89 0.0 0.0 0.0

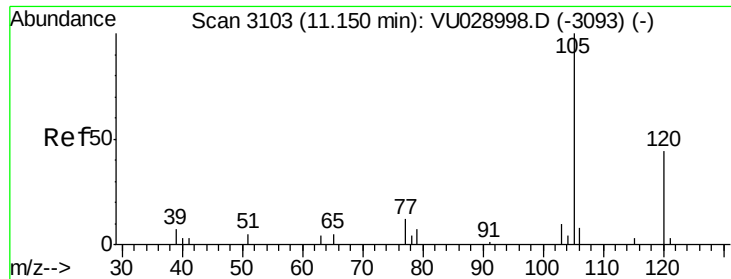


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

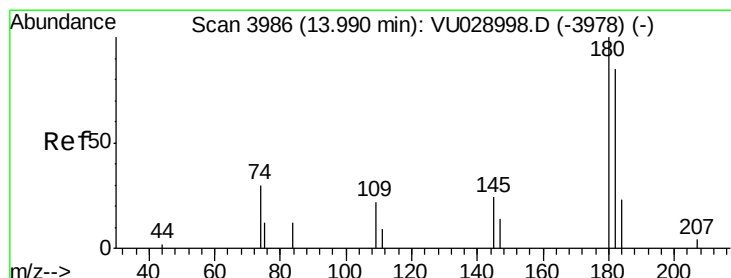
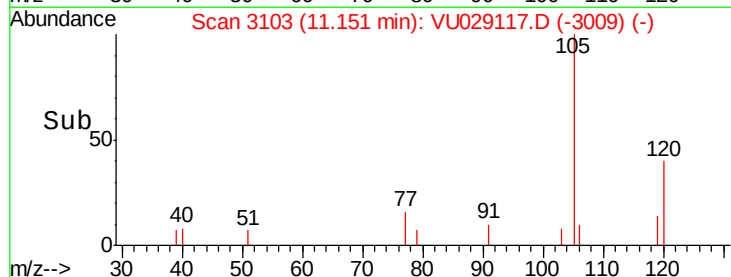
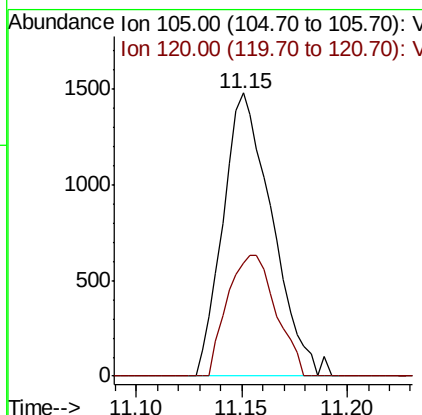
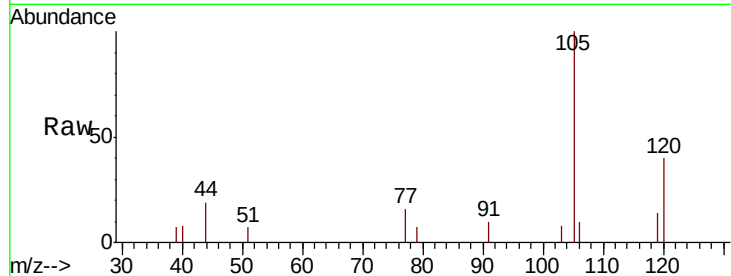




#84
 1,2,4-Trimethylbenzene
 Concen: 0.360 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-IDW03

Tgt Ion:105 Resp: 2390
 Ion Ratio Lower Upper
 105 100
 120 42.0 23.1 69.3



#96
 1,2,3-Trichlorobenzene
 Concen: 0.791 ug/l
 RT: 14.01 min Scan# 3993
 Delta R.T. 0.03 min
 Lab File: VU029117.D
 Acq: 10 Jan 2019 14:40

Tgt Ion:180 Resp: 40
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.1 144.3#
 145 0.0 14.8 44.4#

