

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028394.D
 Acq On : 29 Nov 2018 15:24
 Operator : MD/SY
 Sample : J6081-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0641

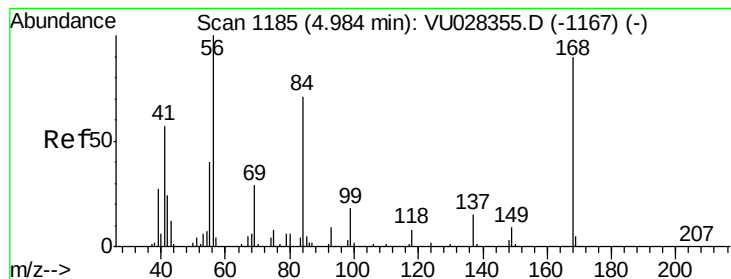
Quant Time: Nov 30 07:03:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	256561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	485748	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	457624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	215213	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	225949	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
35) Dibromofluoromethane	4.88	113	163314	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	7.57	98	651535	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	10.30	95	236998	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	1787	0.519	ug/l	99
4) Vinyl Chloride	1.40	62	4790	1.026	ug/l	95
11) Tert butyl alcohol	2.84	59	1325	1.360	ug/l #	72
14) Allyl chloride	2.44	41	12438	1.737	ug/l #	74
16) Acetone	2.32	43	20872	7.957	ug/l	100
18) Methyl Acetate	2.44	43	29366	4.021	ug/l #	58
27) cis-1,2-Dichloroethene	4.23	96	1522	0.405	ug/l	52
31) Cyclohexane	4.99	56	6262	0.496	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	24495	4.608	ug/l #	51
38) Carbon Tetrachloride	4.98	117	28100	6.438	ug/l #	16
76) 1,2,3-Trichloropropane	10.30	75	125454	21.021	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.30	75	125454	55.800	ug/l #	100
95) Naphthalene	13.77	128	383	2.855	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028394.D

Acq: 29 Nov 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

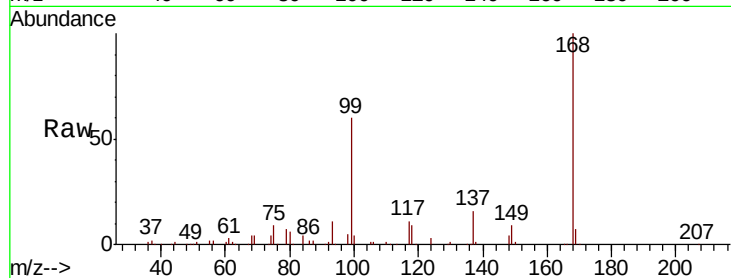
S32-0641

Tot Ion:168 Resp: 256561

Ion Ratio Lower Upper

168 100

99 59.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

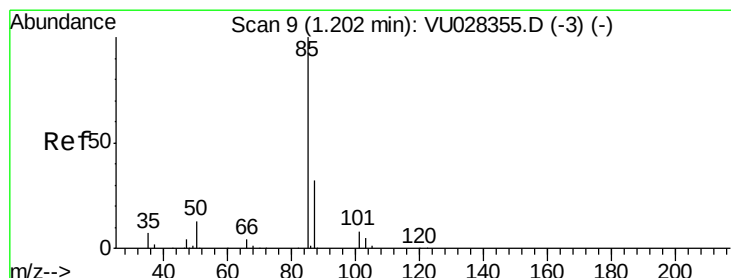
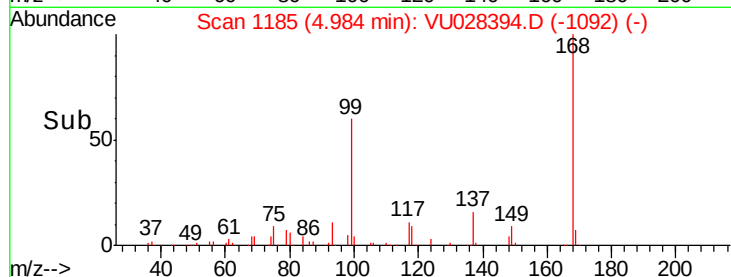
100000

50000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 0.519 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028394.D

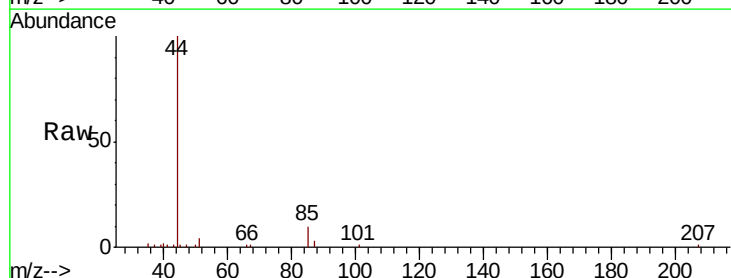
Acq: 29 Nov 2018 15:24

Tgt Ion: 85 Resp: 1787

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VU028355.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028355.D (-3) (-)

1.21

2000

1500

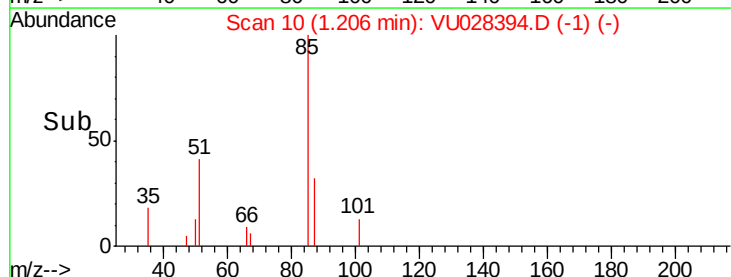
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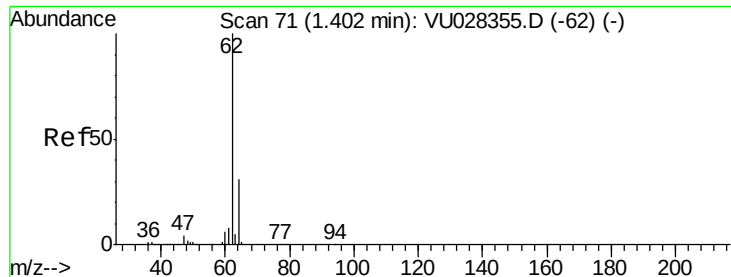
500

0

1.18 1.20 1.22 1.24

Time-->





#4

Vinyl Chloride

Concen: 1.026 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028394.D

Acq: 29 Nov 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

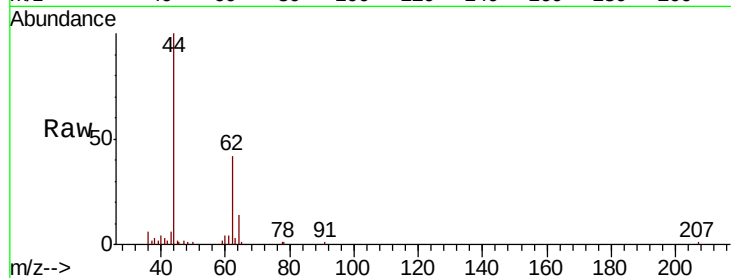
S32-0641

Tot Ion: 62 Resp: 4790

Ion Ratio Lower Upper

62 100

64 34.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

5000

4000

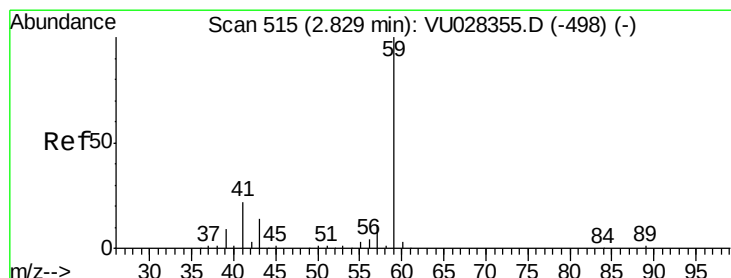
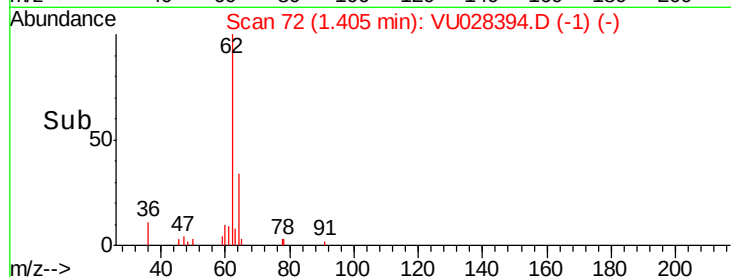
3000

2000

1000

0

Time--> 1.36 1.38 1.40 1.42 1.44



#11

Tert butyl alcohol

Concen: 1.360 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028394.D

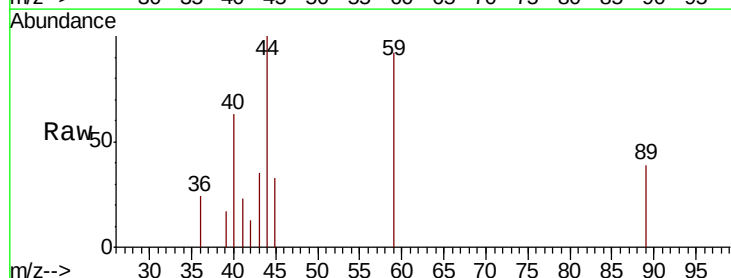
Acq: 29 Nov 2018 15:24

Tgt Ion: 59 Resp: 1325

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

800

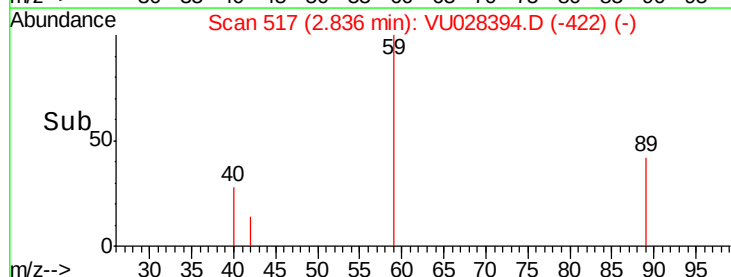
600

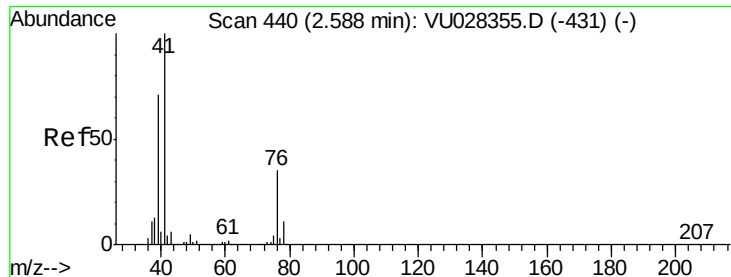
400

200

0

Time--> 2.80 2.85

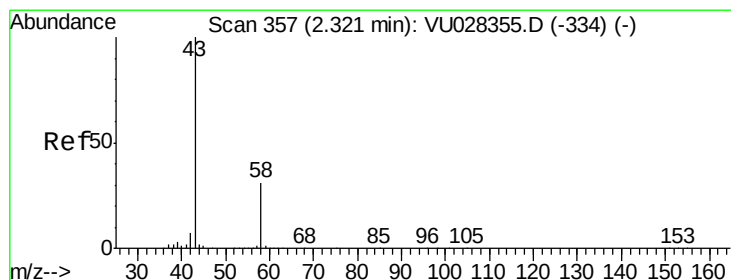
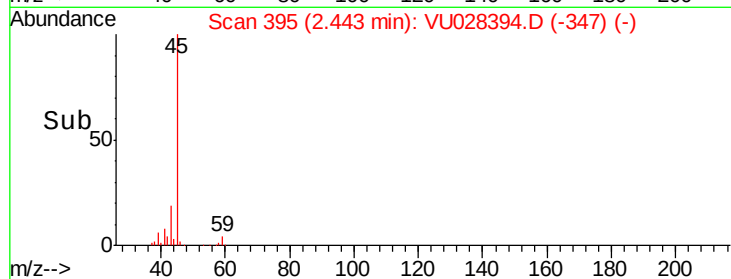
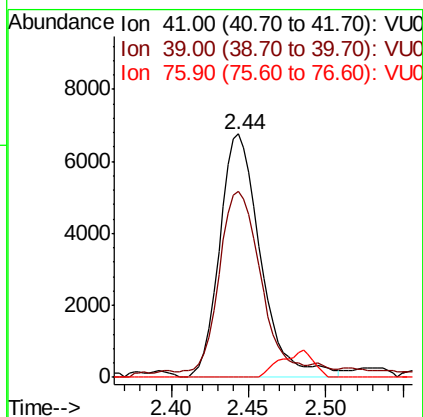
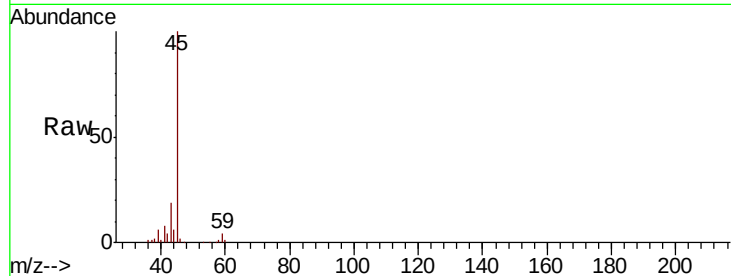




#14
Allvl chloride
Concen: 1.737 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.14 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

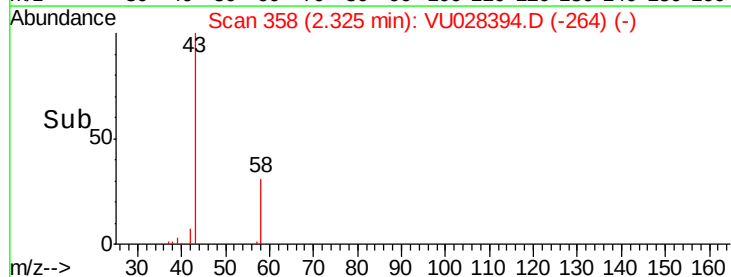
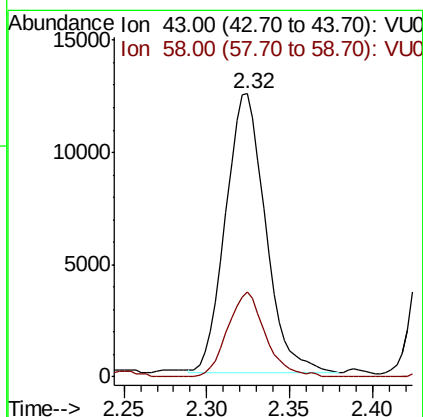
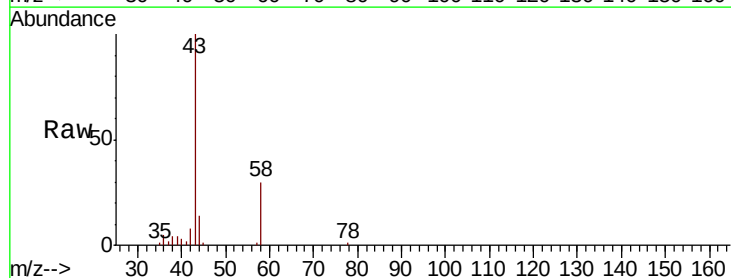
Instrument :
MSVOA_U
ClientSampled :
S32-0641

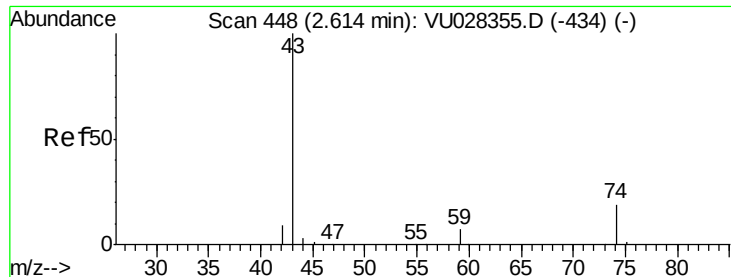
Tot Ion: 41 Resp: 12438
Ion Ratio Lower Upper
41 100
39 74.3 51.6 77.4
76 0.0 24.4 36.6#



#16
Acetone
Concen: 7.957 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion: 43 Resp: 20872
Ion Ratio Lower Upper
43 100
58 30.4 24.4 36.6

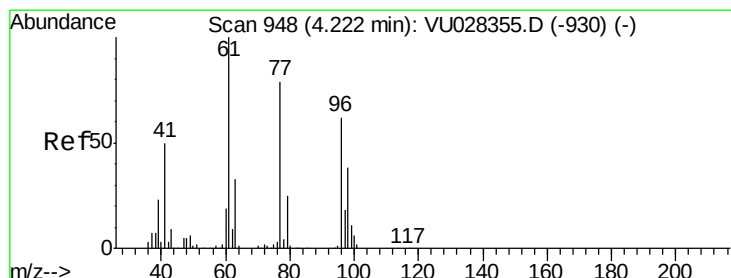
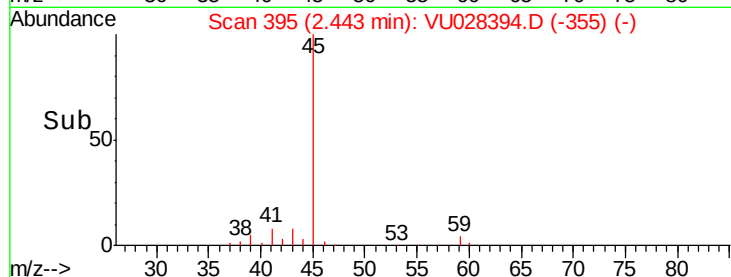
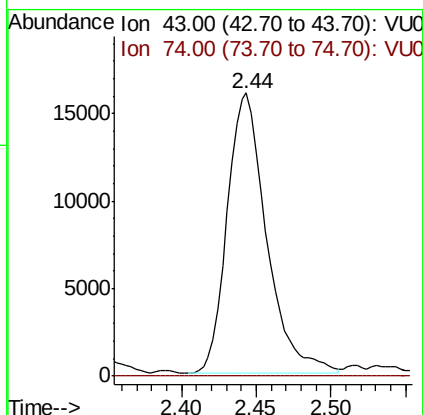
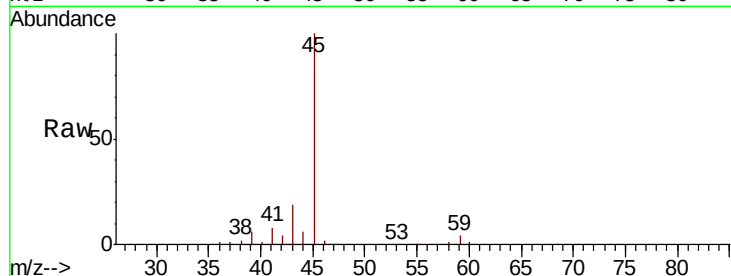




#18
Methvl Acetate
Concen: 4.021 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

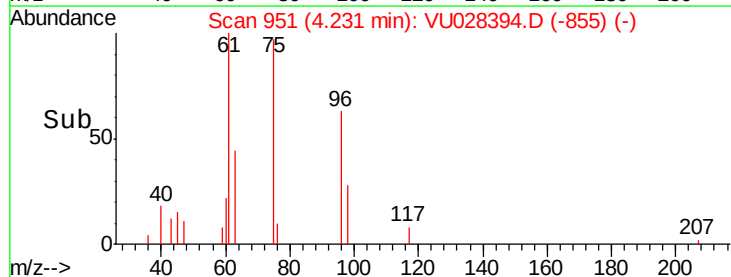
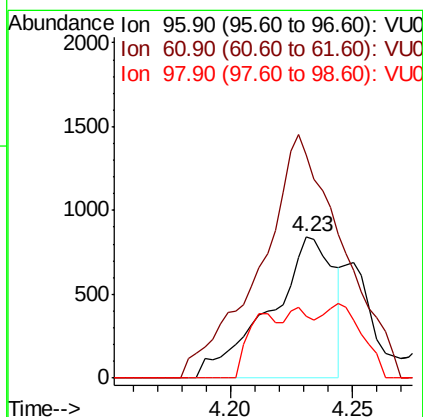
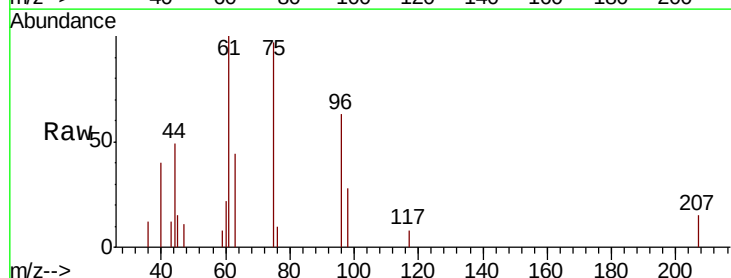
Instrument :
MSVOA_U
ClientSampled :
S32-0641

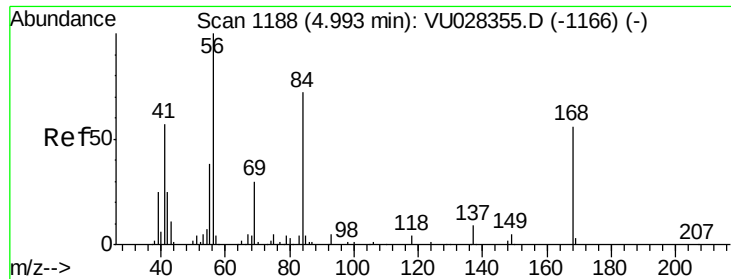
Tot Ion: 43 Resp: 29366
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#



#27
cis-1,2-Dichloroethene
Concen: 0.405 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.01 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion: 96 Resp: 1522
Ion Ratio Lower Upper
96 100
61 222.9 0.0 342.0
98 5.7 0.0 126.4

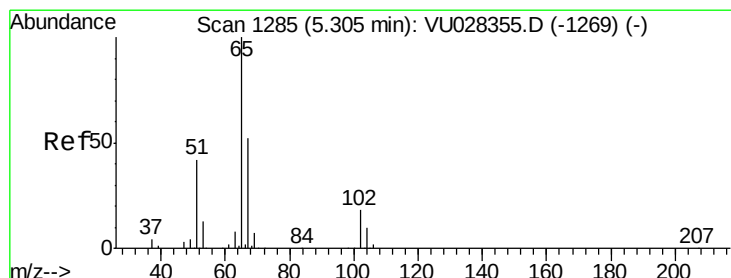
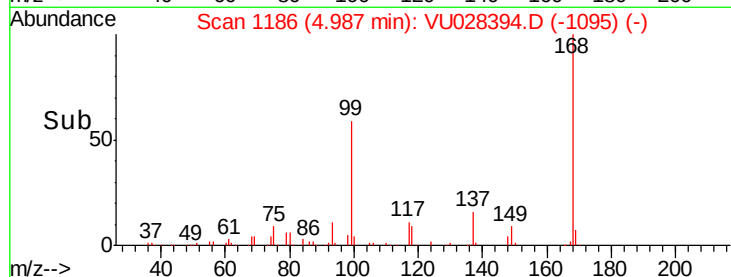
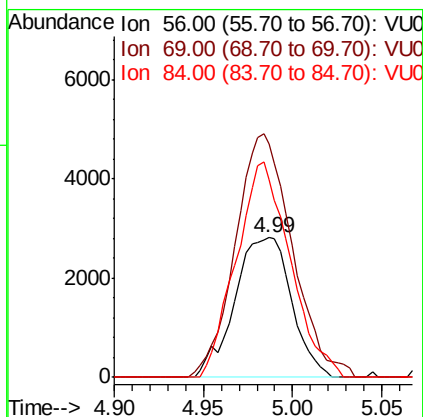
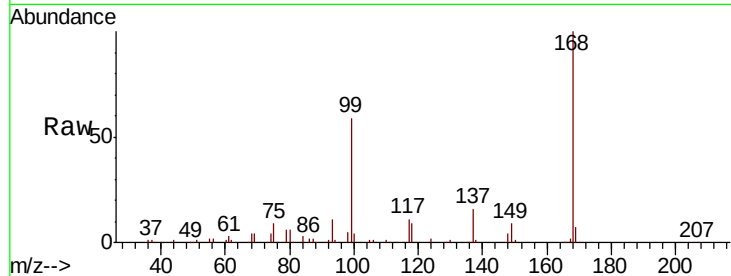




#31
Cyclohexane
Concen: 0.496 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

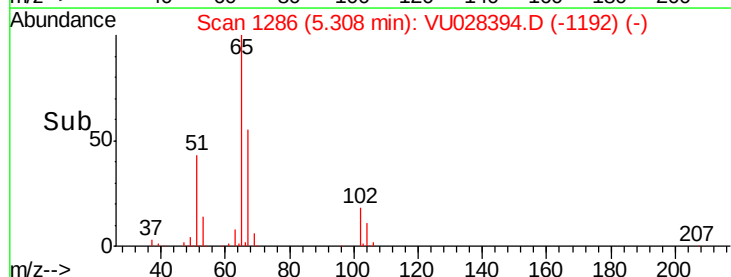
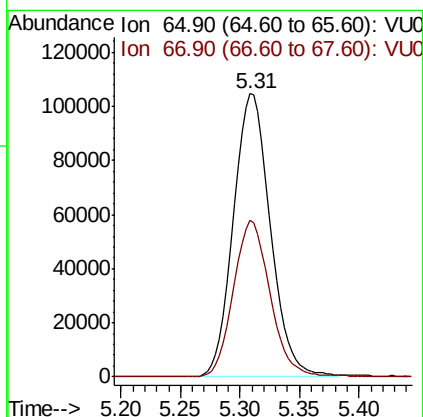
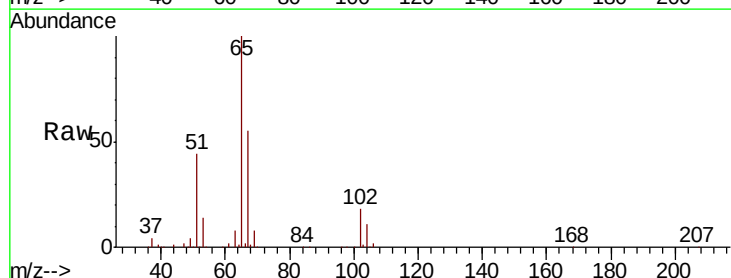
Instrument :
MSVOA_U
ClientSampled :
S32-0641

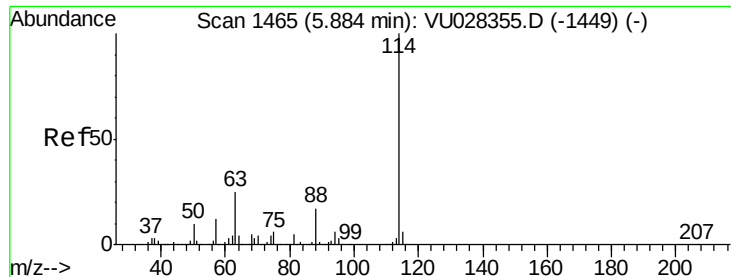
Tot Ion: 56 Resp: 6262
Ion Ratio Lower Upper
56 100
69 167.3 23.7 35.5#
84 141.4 57.3 85.9#



#33
1,2-Dichloroethane-d4
Concen: 52.696 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion: 65 Resp: 225949
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.8

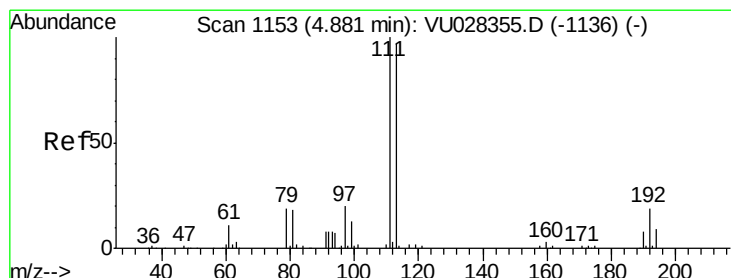
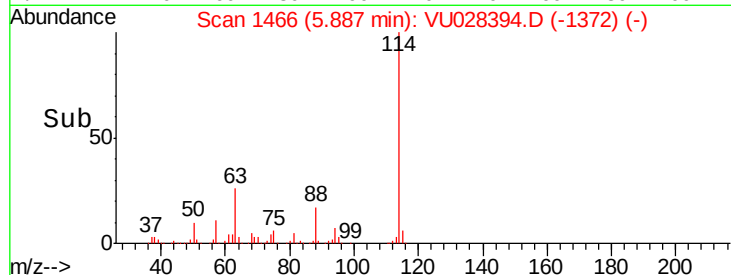
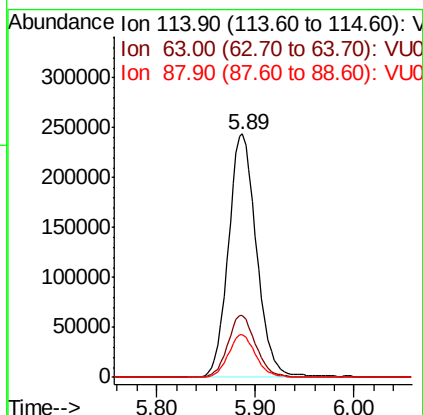
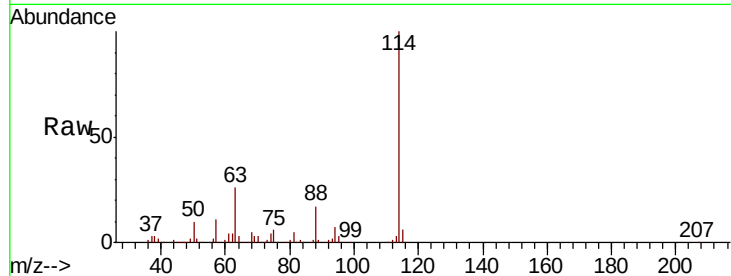




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

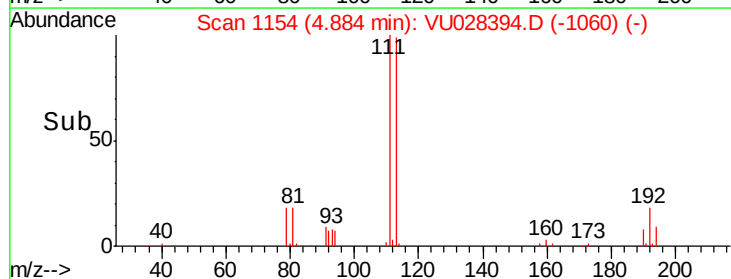
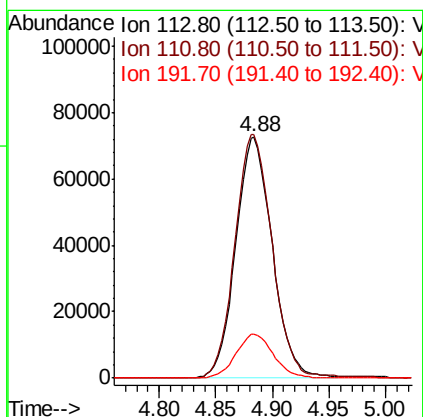
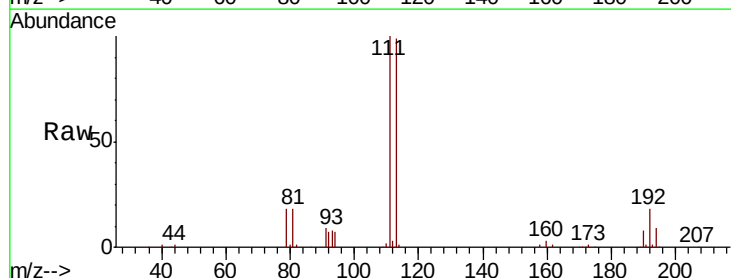
Instrument :
MSVOA_U
ClientSampleId :
S32-0641

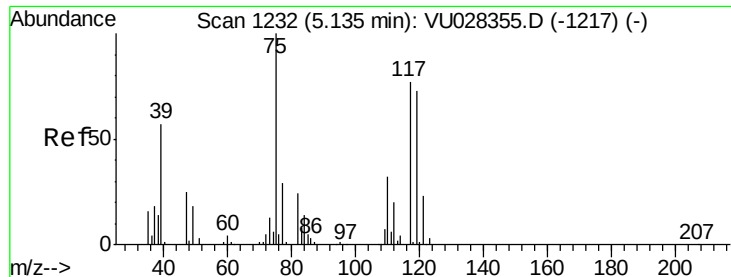
Tot Ion:114 Resp: 485748
Ion Ratio Lower Upper
114 100
63 25.6 0.0 50.0
88 17.4 0.0 34.4



#35
Dibromofluoromethane
Concen: 50.561 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion:113 Resp: 163314
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028394.D

Acq: 29 Nov 2018 15:24

Instrument :

MSVOA_U

ClientSampled :

S32-0641

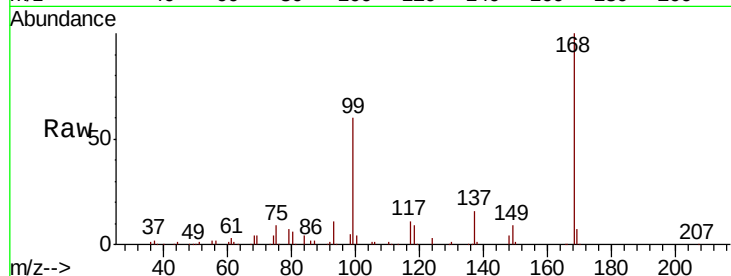
Tot Ion: 75 Resp: 24495

Ion Ratio Lower Upper

75 100

110 8.1 15.8 47.4#

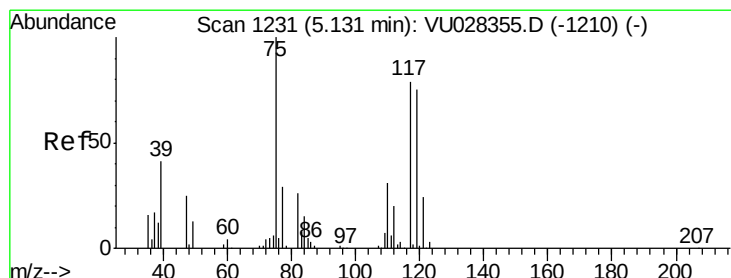
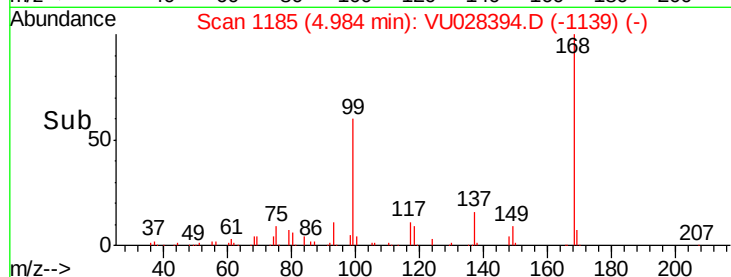
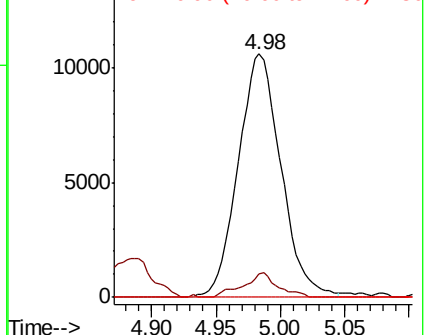
77 0.0 24.6 36.8#



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: 6.438 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028394.D

Acq: 29 Nov 2018 15:24

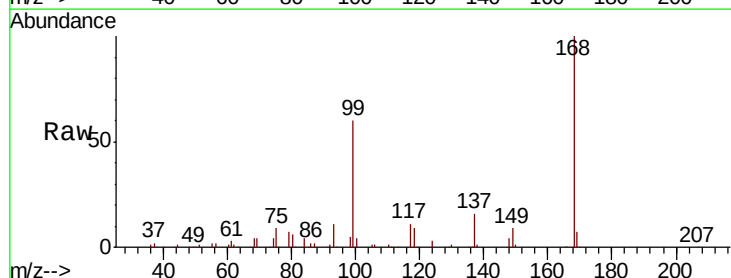
Tgt Ion: 117 Resp: 28100

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

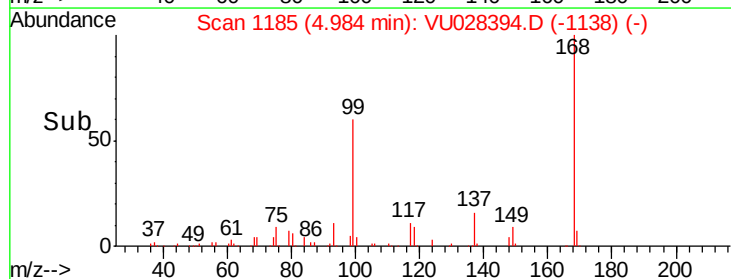
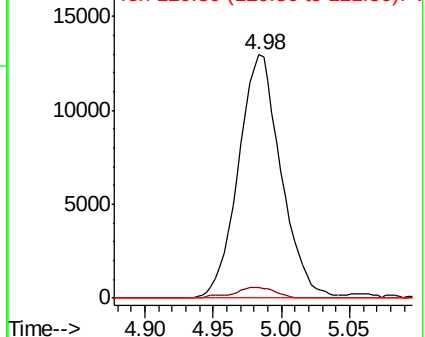
121 0.0 24.7 37.1#

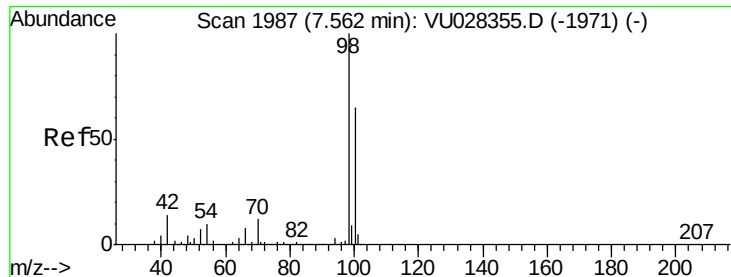


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

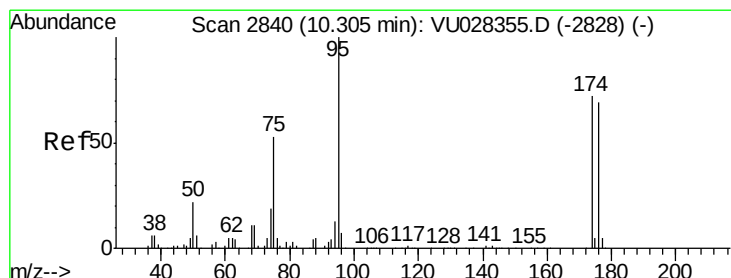
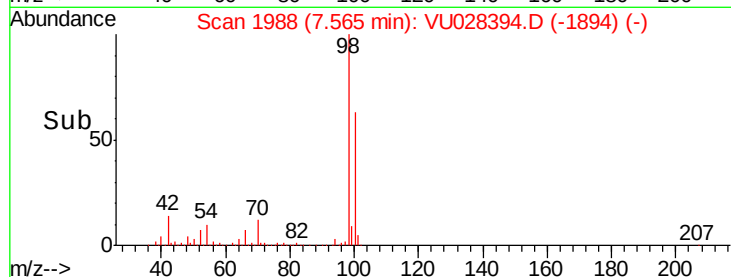
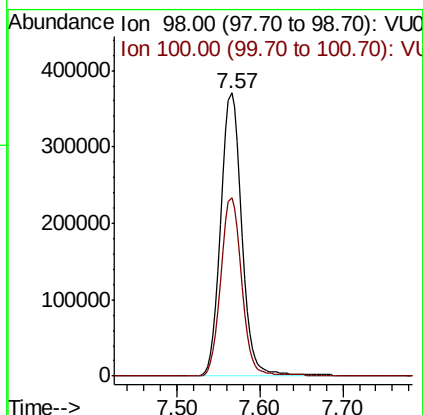
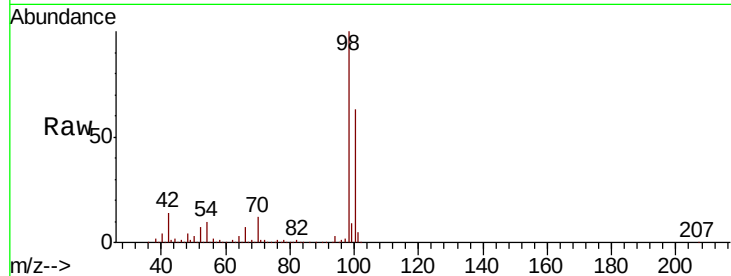




#50
Toluene-d8
Concen: 50.437 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

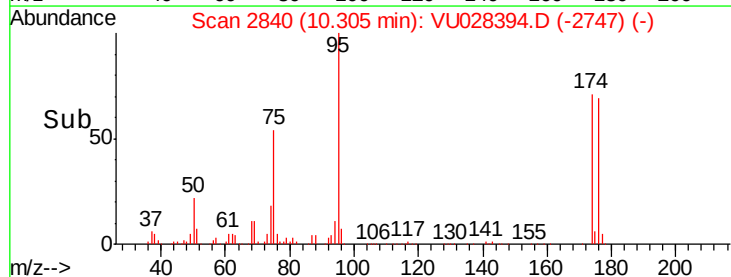
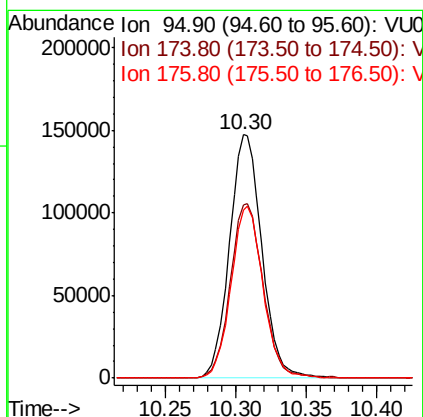
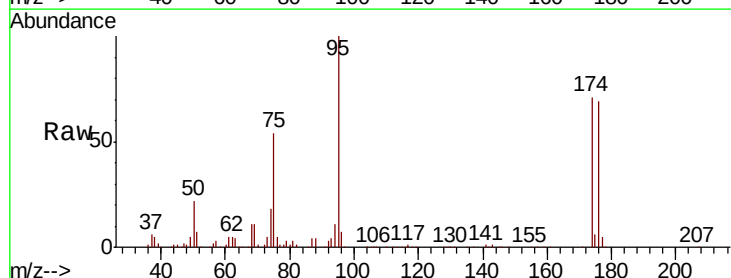
Instrument :
MSVOA_U
ClientSampleId :
S32-0641

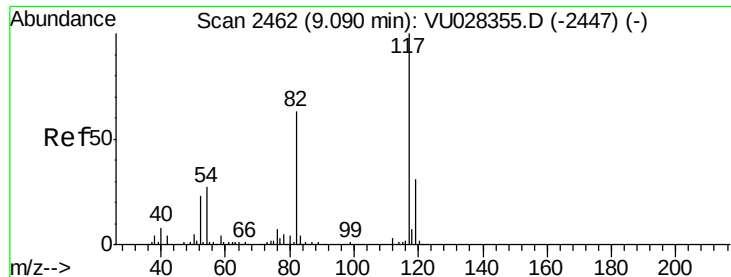
Tot Ion: 98 Resp: 651535
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 50.902 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion: 95 Resp: 236998
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.4
176 70.0 0.0 140.8

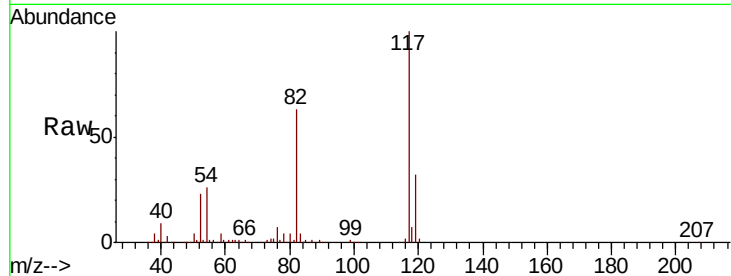




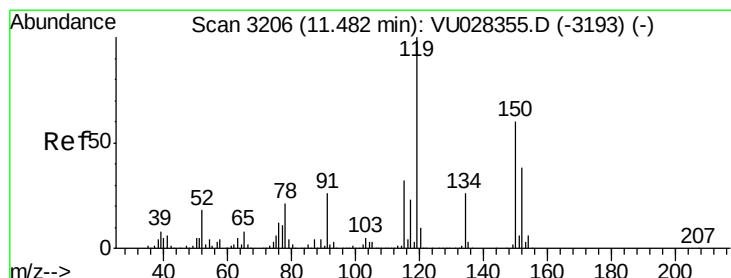
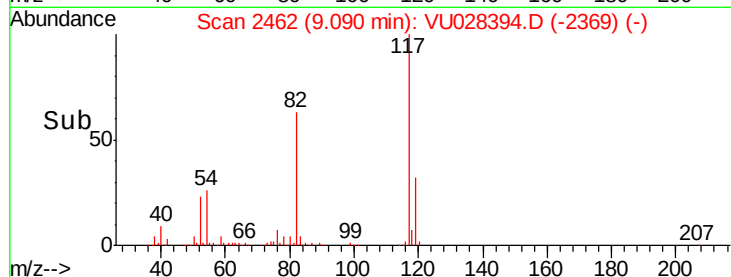
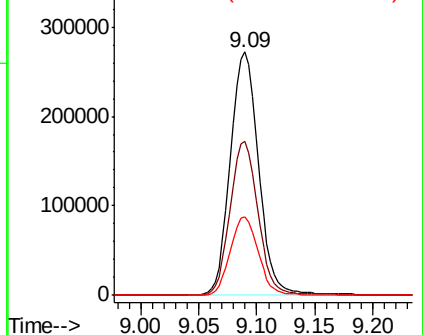
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
S32-0641

Tot Ion:117 Resp: 457624
Ion Ratio Lower Upper
117 100
82 63.4 50.3 75.5
119 32.2 24.8 37.2

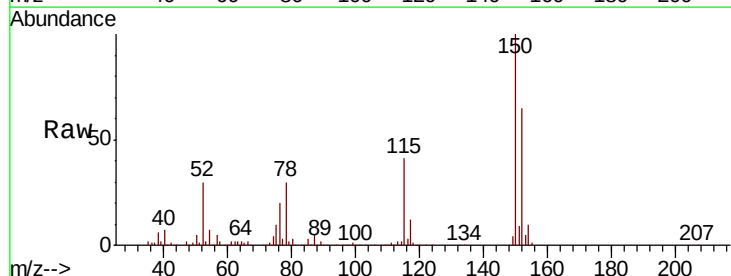


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

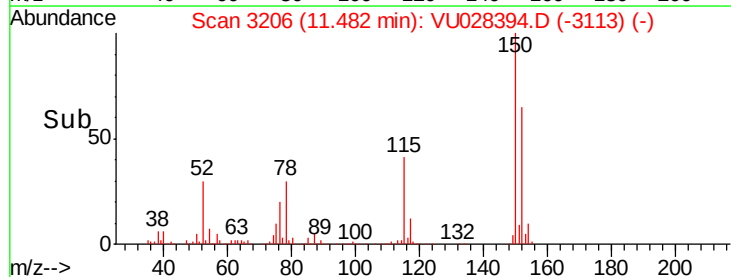
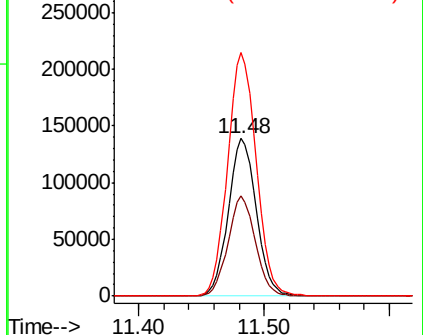


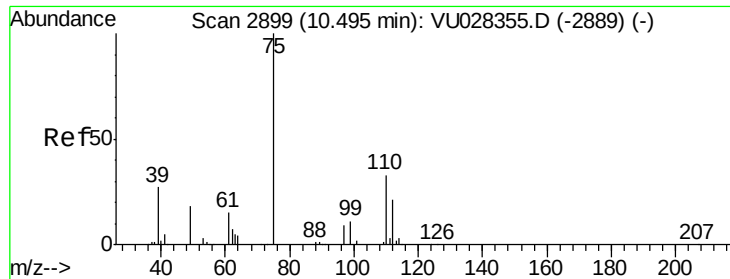
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028394.D
Acq: 29 Nov 2018 15:24

Tgt Ion:152 Resp: 215213
Ion Ratio Lower Upper
152 100
115 61.9 45.0 134.8
150 157.9 0.0 349.2



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

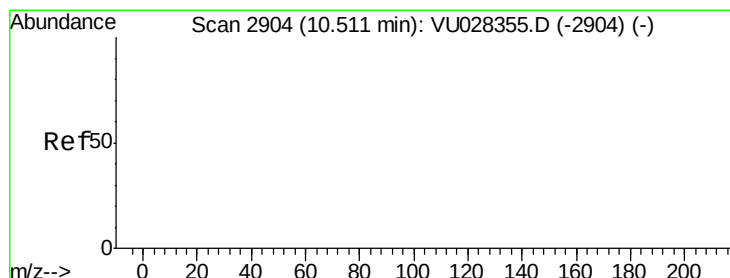
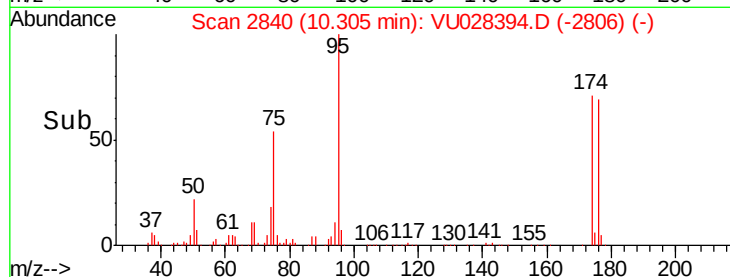
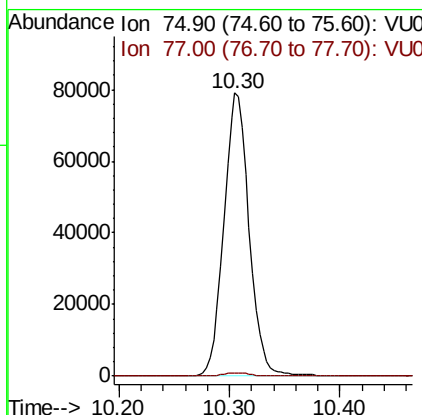
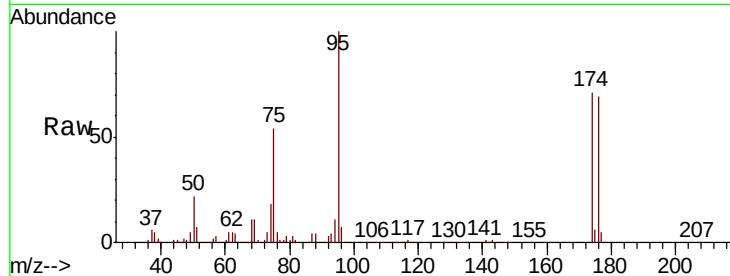




#76
 1,2,3-Trichloropropane
 Concen: 21.021 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028394.D
 Acq: 29 Nov 2018 15:24

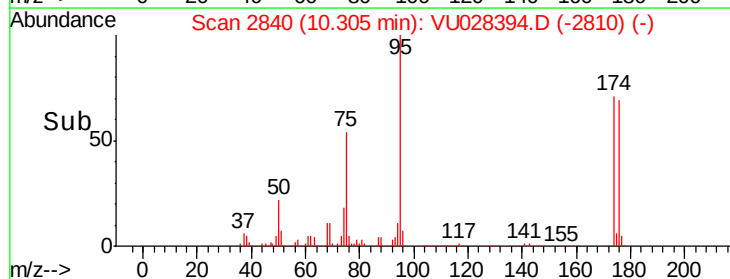
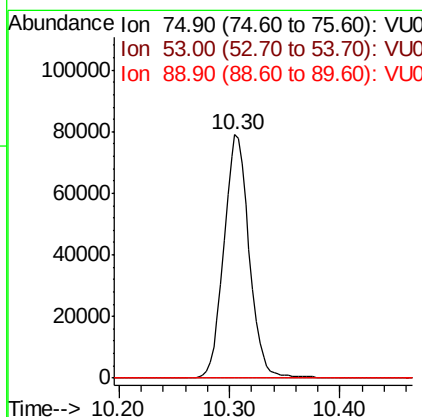
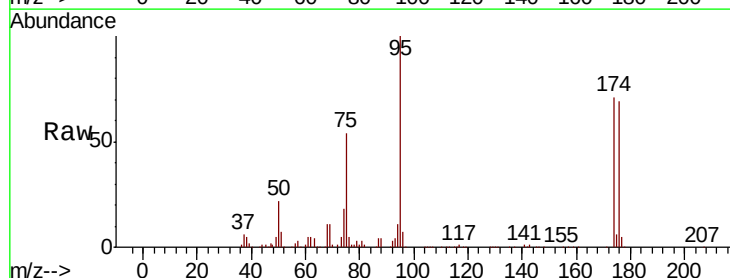
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0641

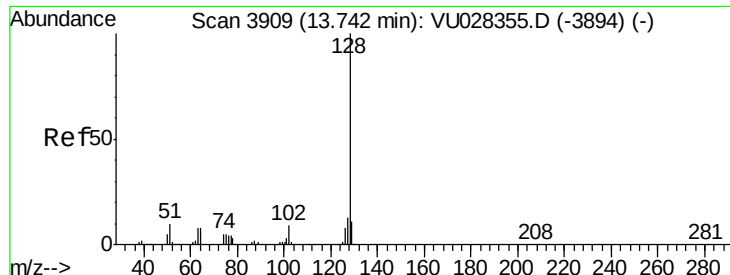
Tot Ion: 75 Resp: 125454
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.4 67.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.800 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.20 min
 Lab File: VU028394.D
 Acq: 29 Nov 2018 15:24

Tgt Ion: 75 Resp: 125454
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 2.855 ug/l

RT: 13.77 min Scan# 3918

Delta R.T. 0.03 min

Lab File: VU028394.D

Acq: 29 Nov 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

S32-0641

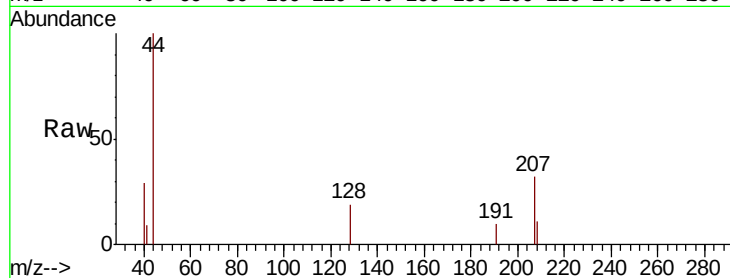
Tot Ion:128 Resp: 383

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

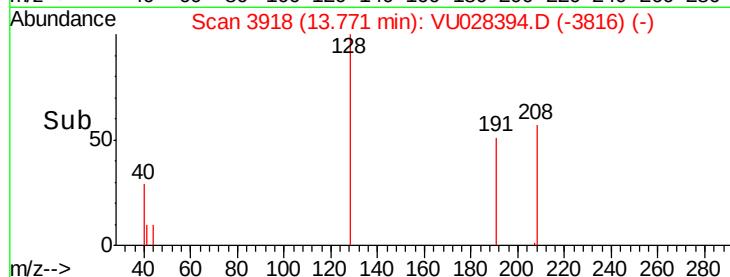
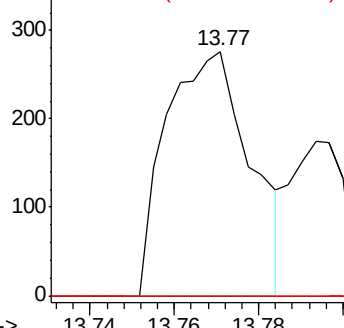
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->