

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028369.D
 Acq On : 28 Nov 2018 16:32
 Operator : MD/SY
 Sample : J6081-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0639

Quant Time: Nov 29 06:17:38 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	245733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	451324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	413113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	162075	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	209838	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	4.88	113	151049	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	7.56	98	594928	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	10.30	95	199364	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	

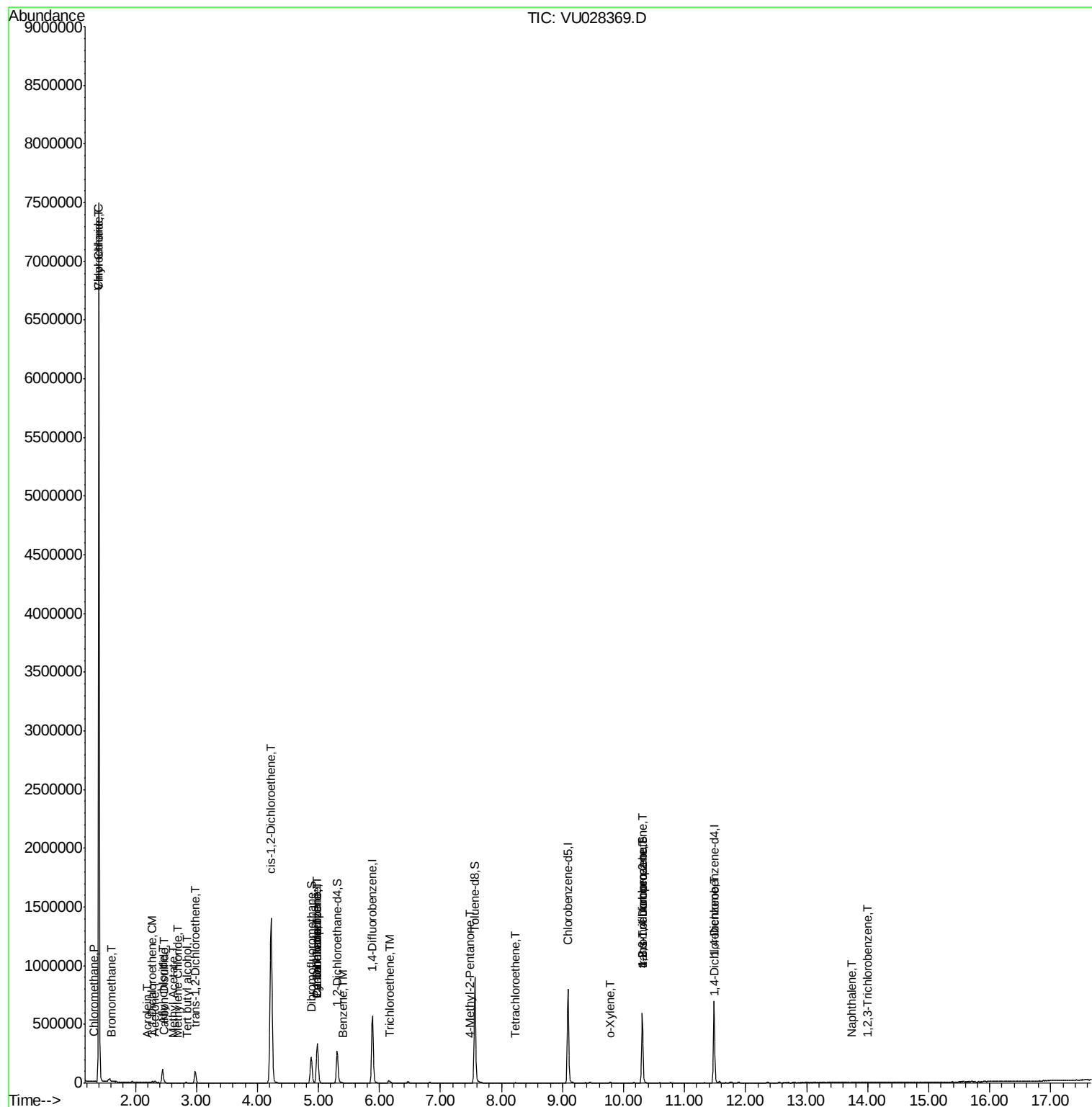
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	5396	0.844	ug/l	99
4) Vinyl Chloride	1.40	62	4607626	1030.660	ug/l	100
5) Bromomethane	1.61	94	572	0.331	ug/l #	44
6) Chloroethane	1.40	64	1326274	515.569	ug/l #	45
11) Tert butyl alcohol	2.83	59	4097	4.391	ug/l #	88
12) 1,1-Dichloroethene	2.28	96	2738	1.043	ug/l #	77
13) Acrolein	2.19	56	295	0.356	ug/l #	81
14) Allyl chloride	2.45	41	11679	1.703	ug/l #	68
16) Acetone	2.32	43	15331	6.103	ug/l	98
17) Carbon Disulfide	2.48	76	3752	0.372	ug/l	96
18) Methyl Acetate	2.62	43	2217	0.317	ug/l	95
20) Methylene Chloride	2.70	84	996	0.207	ug/l #	71
21) trans-1,2-Dichloroethene	2.98	96	37344	12.266	ug/l	90
27) cis-1,2-Dichloroethene	4.22	96	726687	201.824	ug/l	88
31) Cyclohexane	4.98	56	6935	0.634	ug/l #	8
36) 1,1-Dichloropropene	4.98	75	22203	4.496	ug/l #	47
38) Carbon Tetrachloride	4.98	117	26188	6.457	ug/l #	17
40) Benzene	5.39	78	3153	0.216	ug/l #	89
44) Trichloroethene	6.19	130	952	0.304	ug/l	91
51) 4-Methyl-2-Pentanone	7.47	43	1456	0.214	ug/l #	82
64) Tetrachloroethene	8.22	164	661	0.243	ug/l #	59
69) o-Xylene	9.78	106	1282	0.222	ug/l	100
76) 1,2,3-Trichloropropane	10.30	75	105417	23.455	ug/l #	34
81) trans-1,4-Dichloro-2-buten	10.30	75	105417	62.261	ug/l #	100
88) 1,4-Dichlorobenzene	11.50	146	1229	0.225	ug/l #	28
95) Naphthalene	13.75	128	5308	3.202	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.99	180	1414	0.395	ug/l	96

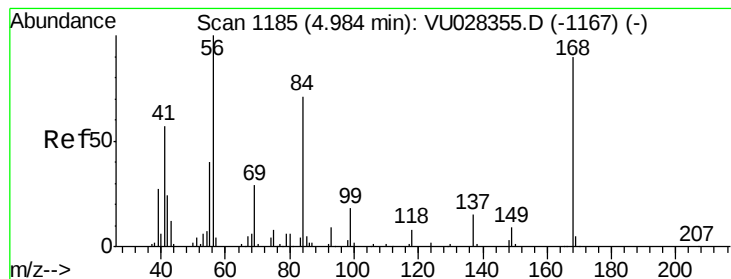
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112818\
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QLast Update : Thu Nov 29 01:04:49 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: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

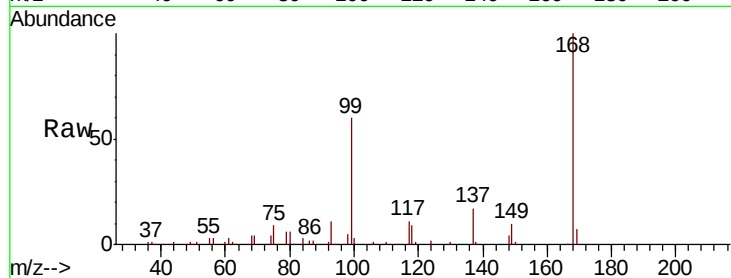
S32-0639

Tot Ion:168 Resp: 245733

Ion Ratio Lower Upper

168 100

99 60.1 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

120000

100000

80000

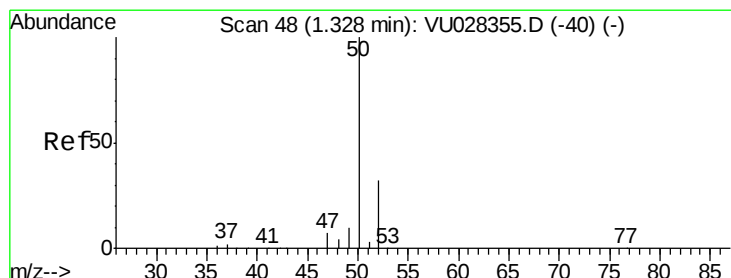
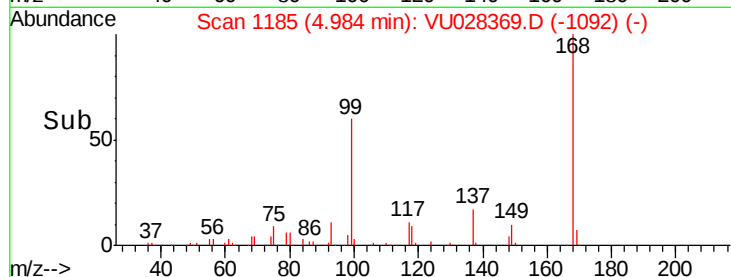
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.844 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028369.D

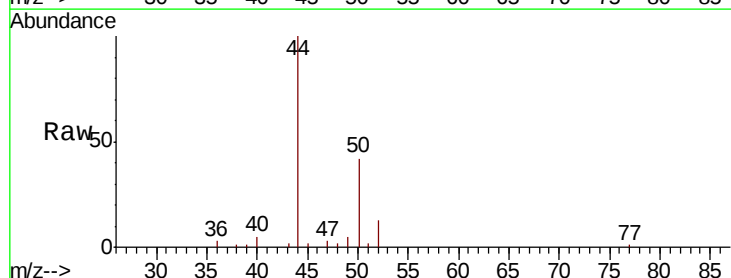
Acq: 28 Nov 2018 16:32

Tgt Ion: 50 Resp: 5396

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU028355.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028355.D (-40) (-)

1.33

30000

25000

20000

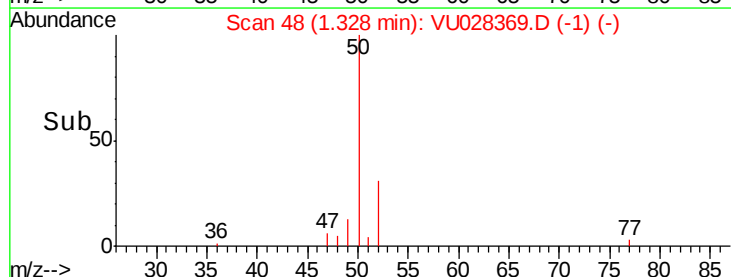
15000

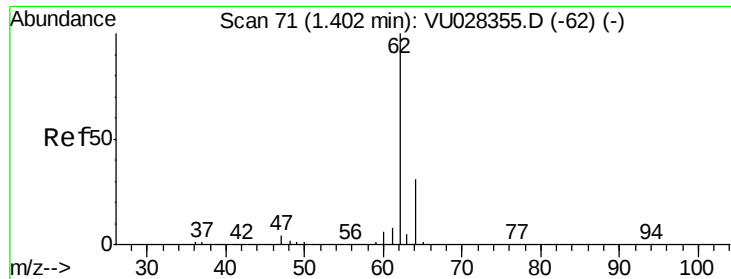
10000

5000

0

Time-->





#4

Vinyl Chloride

Concen: 1030.660 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

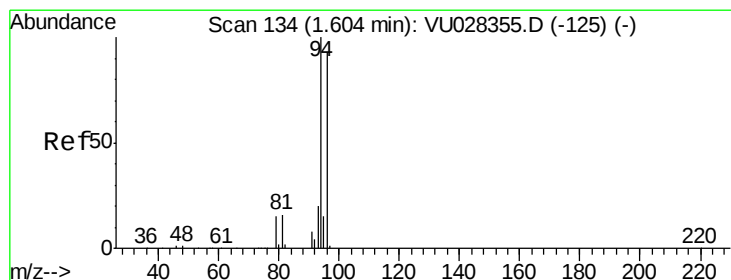
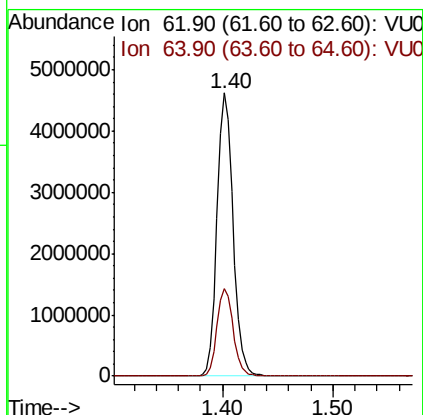
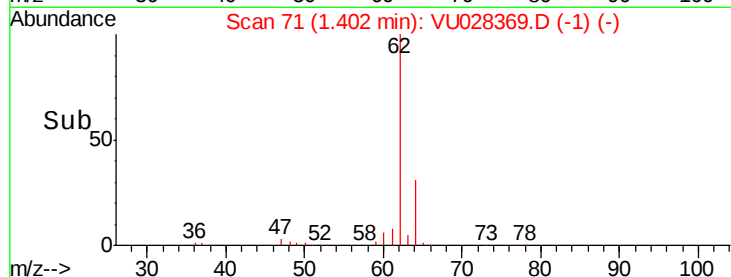
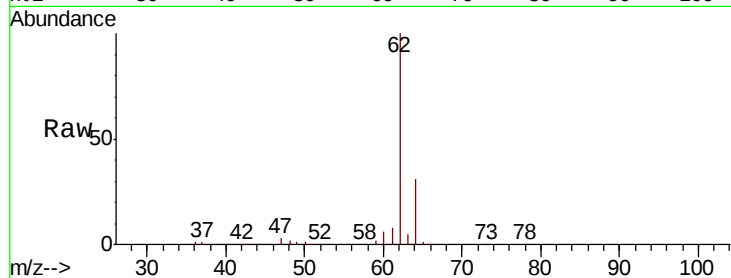
S32-0639

Tot Ion: 62 Resp: 4607626

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4



#5

Bromomethane

Concen: 0.331 ug/l

RT: 1.61 min Scan# 137

Delta R.T. 0.01 min

Lab File: VU028369.D

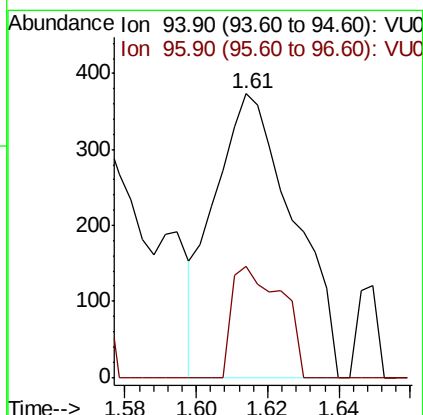
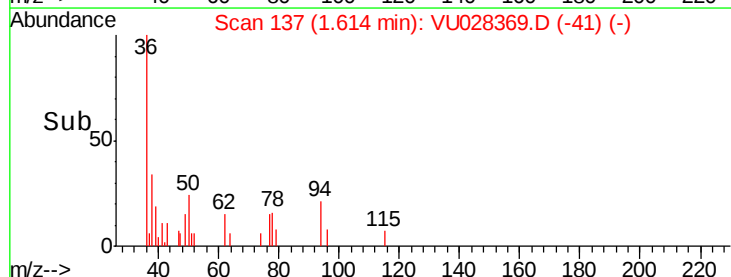
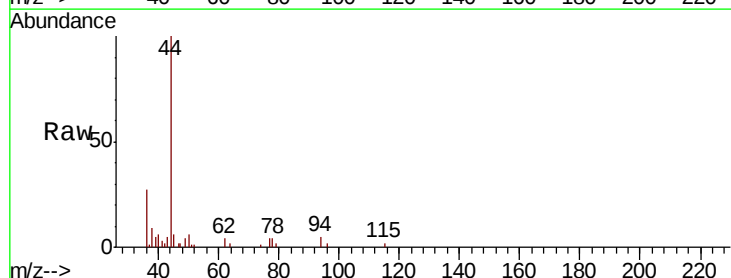
Acq: 28 Nov 2018 16:32

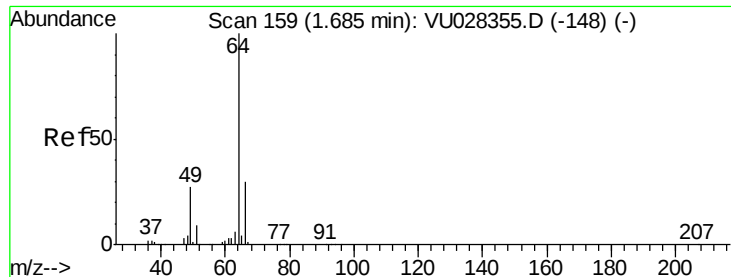
Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

94 100

96 39.1 74.6 112.0#





#6

Chloroethane

Concen: 515.569 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.28 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

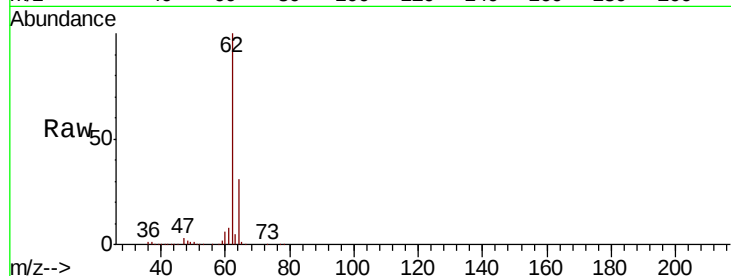
S32-0639

Tot Ion: 64 Resp: 1326274

Ion Ratio Lower Upper

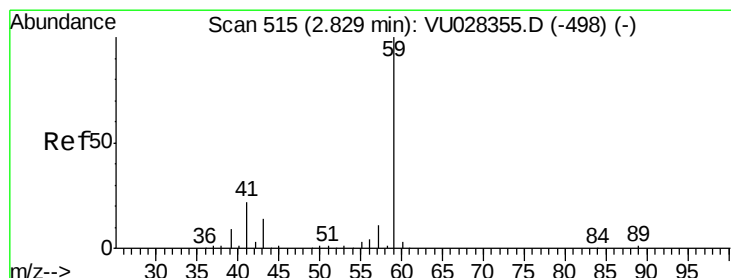
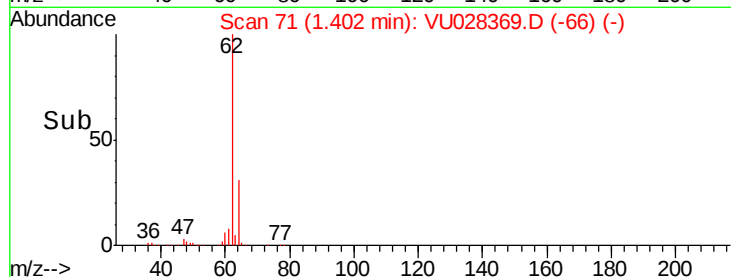
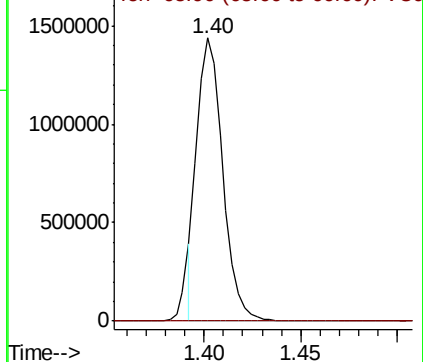
64 100

66 0.0 23.6 35.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#11

Tert butyl alcohol

Concen: 4.391 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU028369.D

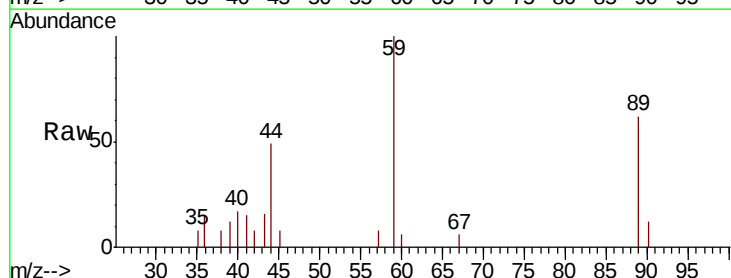
Acq: 28 Nov 2018 16:32

Tgt Ion: 59 Resp: 4097

Ion Ratio Lower Upper

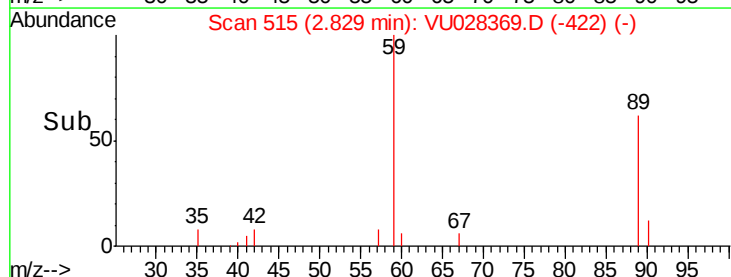
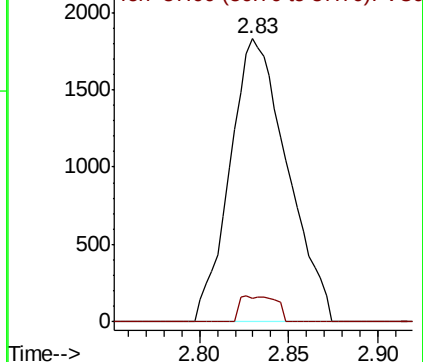
59 100

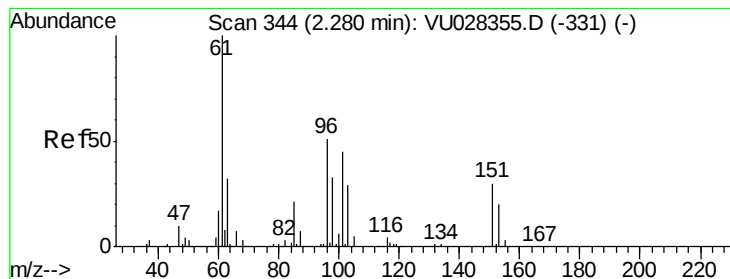
57 5.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#12

1,1-Dichloroethene

Concen: 1.043 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

S32-0639

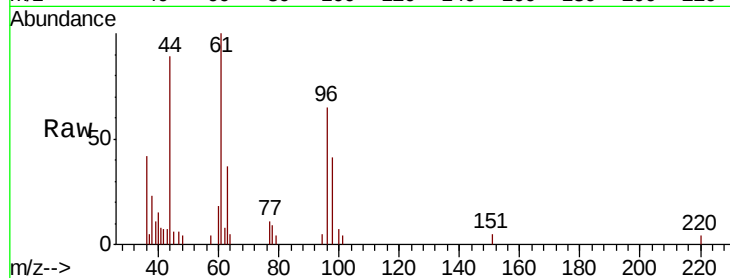
Tot Ion: 96 Resp: 2738

Ion Ratio Lower Upper

96 100

61 153.4 158.1 237.1#

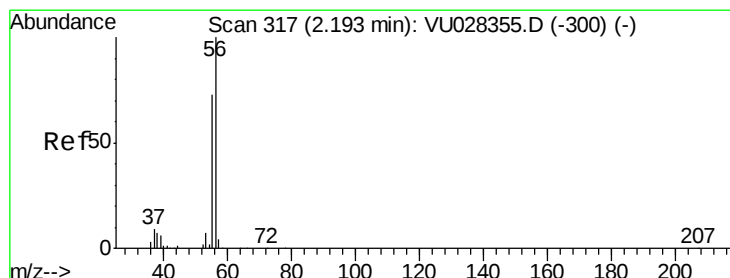
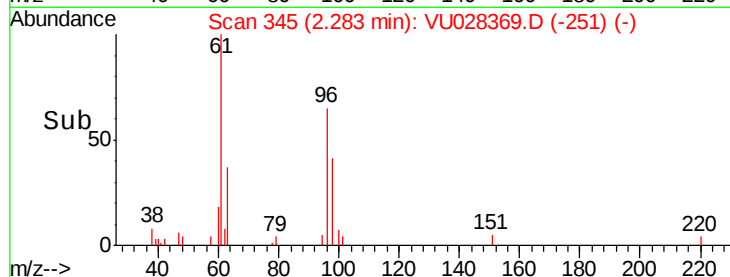
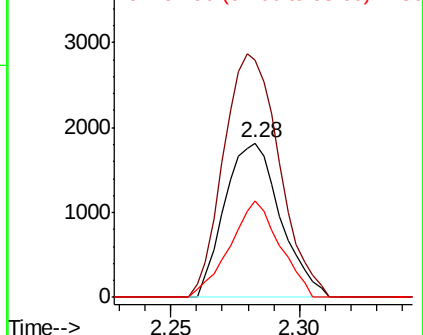
98 62.3 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#13

Acrolein

Concen: 0.356 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU028369.D

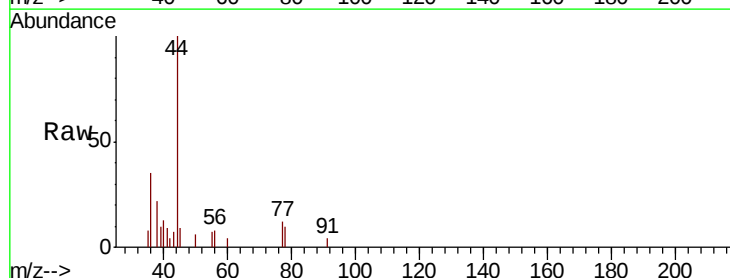
Acq: 28 Nov 2018 16:32

Tgt Ion: 56 Resp: 295

Ion Ratio Lower Upper

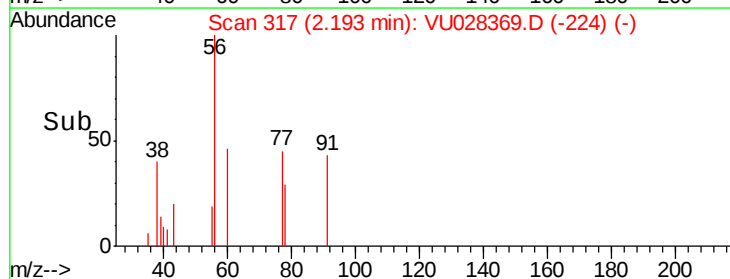
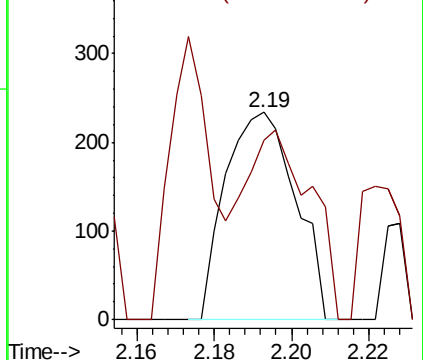
56 100

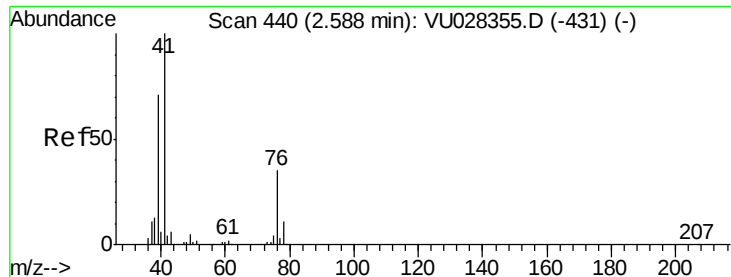
55 86.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0





#14

Allvl chloride

Concen: 1.703 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

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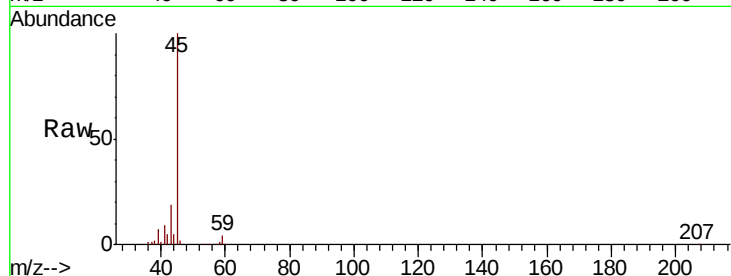
Tot Ion: 41 Resp: 11679

Ion Ratio Lower Upper

41 100

39 81.1 51.6 77.4#

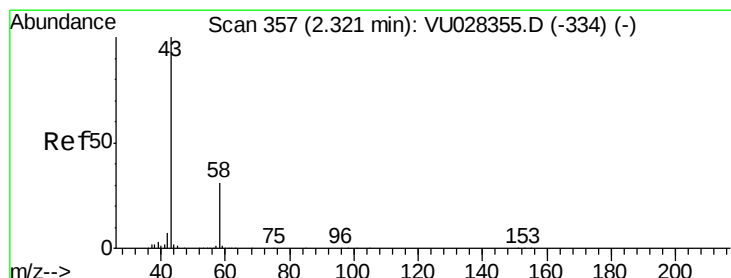
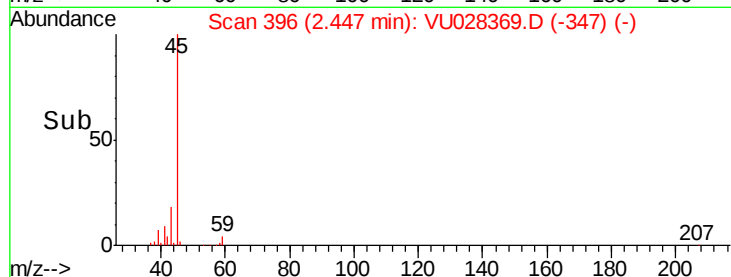
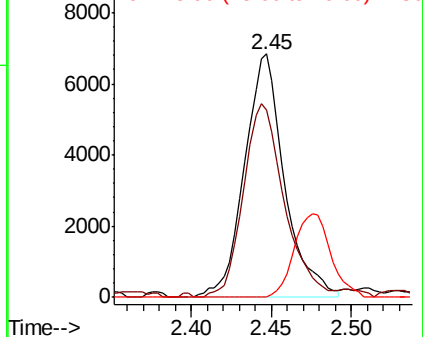
76 0.0 24.4 36.6#



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



#16

Acetone

Concen: 6.103 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028369.D

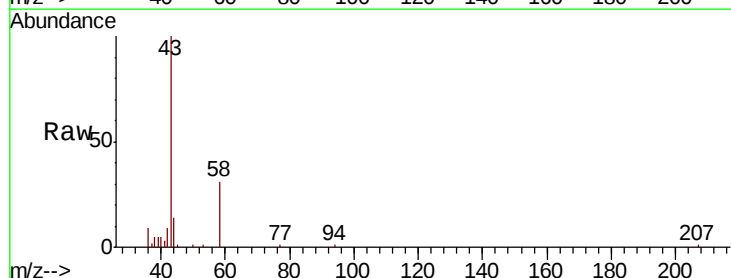
Acq: 28 Nov 2018 16:32

Tgt Ion: 43 Resp: 15331

Ion Ratio Lower Upper

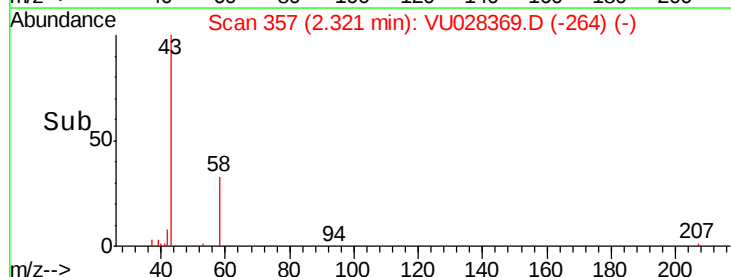
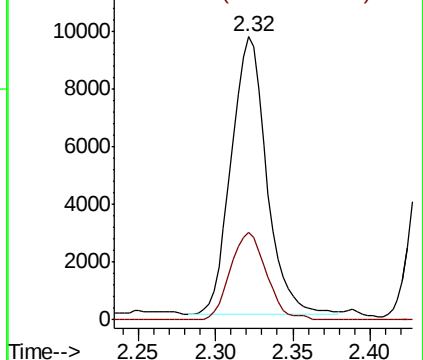
43 100

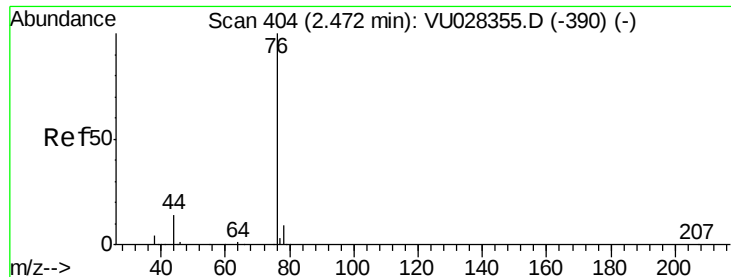
58 31.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.372 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

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ClientSampleId :

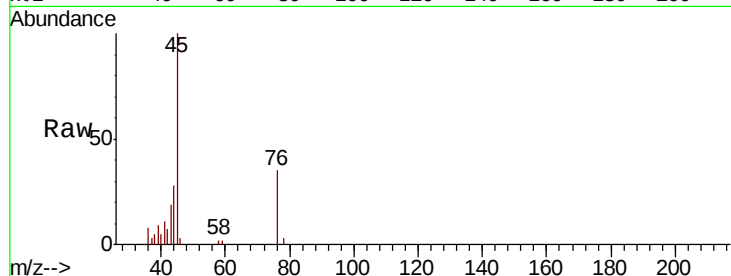
S32-0639

Tot Ion: 76 Resp: 3752

Ion Ratio Lower Upper

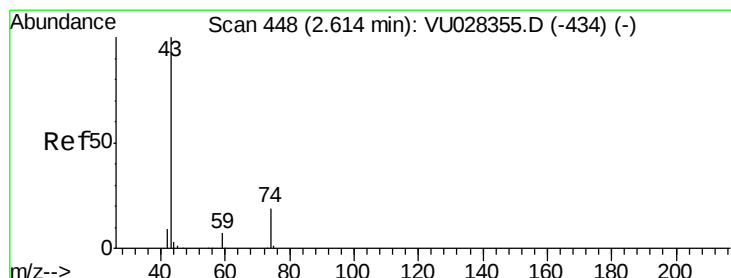
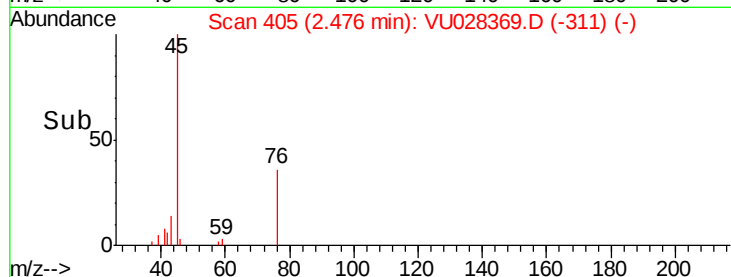
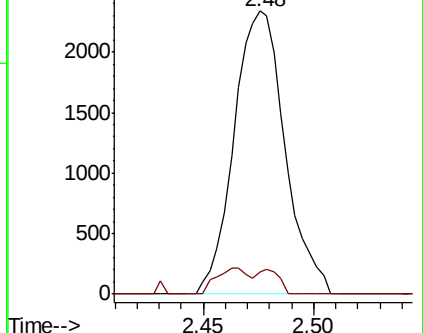
76 100

78 7.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU028355.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028355.D (-390) (-)



#18

Methyl Acetate

Concen: 0.317 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028369.D

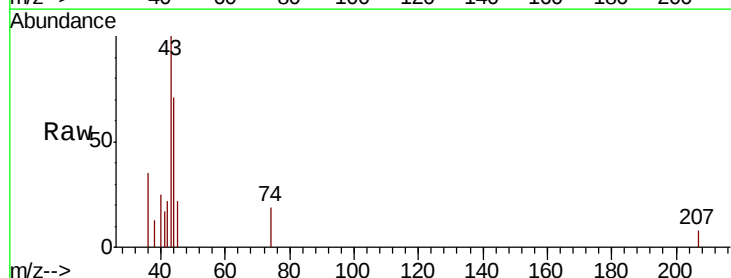
Acq: 28 Nov 2018 16:32

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

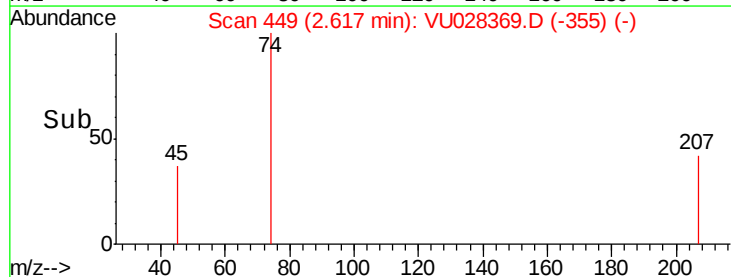
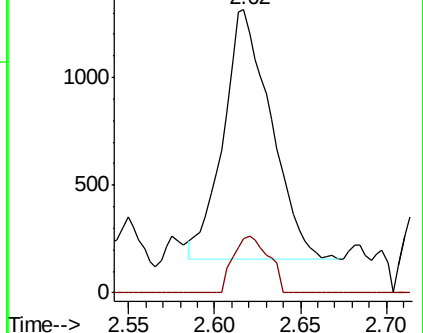
43 100

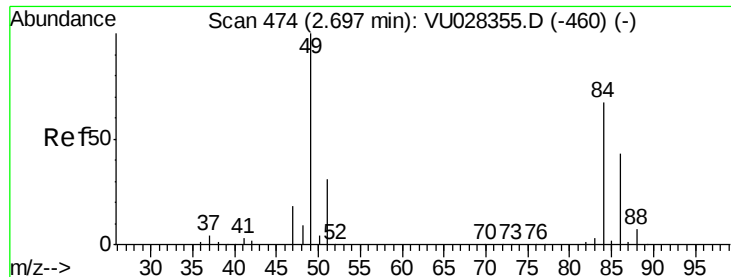
74 17.0 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU028355.D (-434) (-)

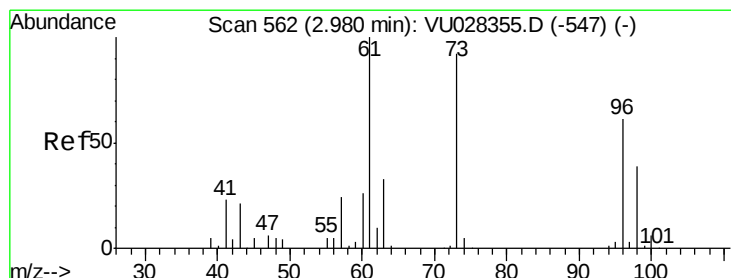
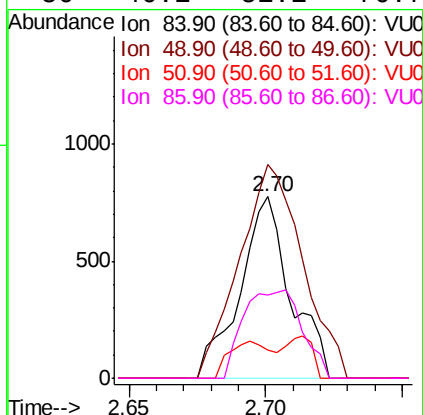
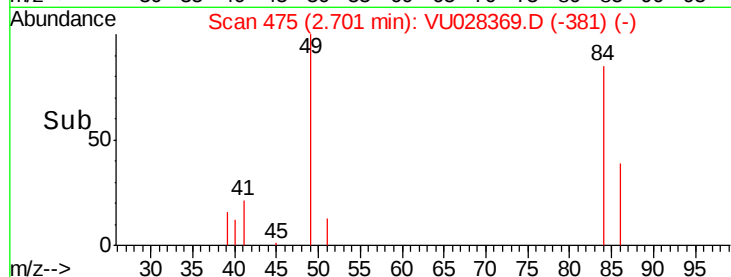
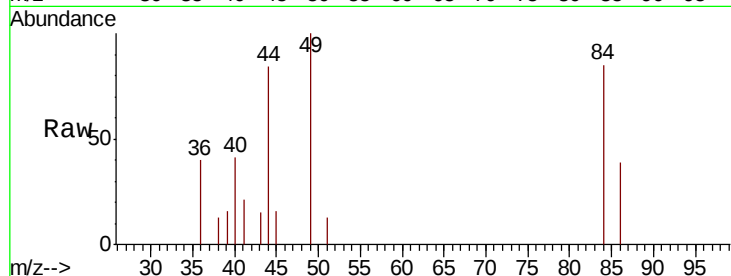




#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

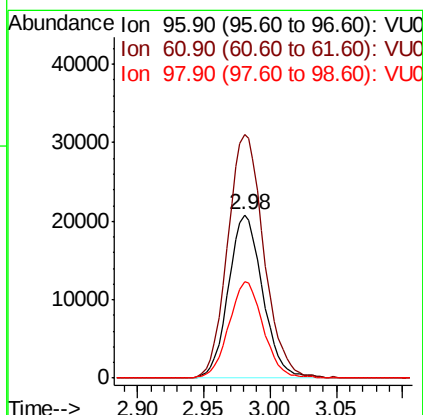
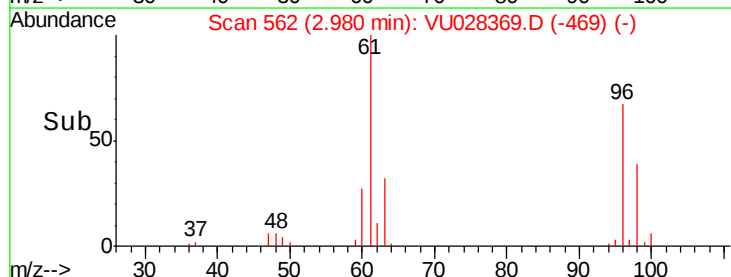
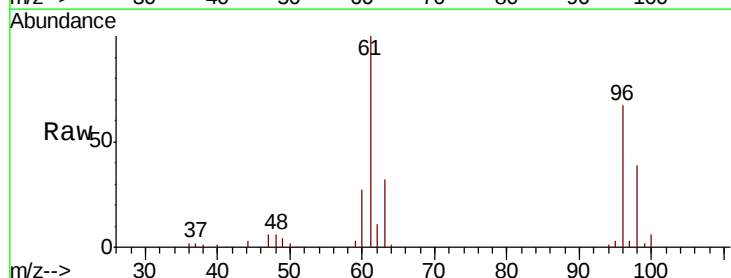
Instrument :
MSVOA_U
ClientSampleId :
S32-0639

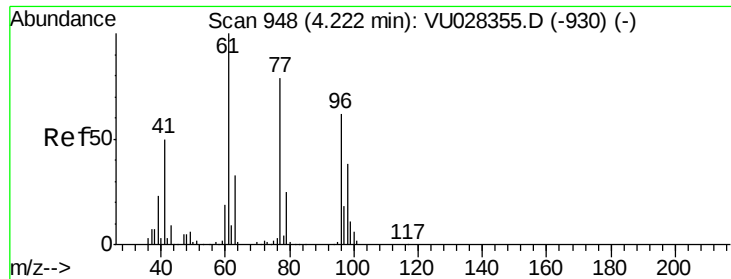
Tot Ion: 84 Resp: 996
Ion Ratio Lower Upper
84 100
49 117.7 120.0 180.0#
51 15.2 36.9 55.3#
86 46.1 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 12.266 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Tgt Ion: 96 Resp: 37344
Ion Ratio Lower Upper
96 100
61 149.4 131.1 196.7
98 58.9 51.7 77.5





#27

cis-1,2-Dichloroethene

Concen: 201.824 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

S32-0639

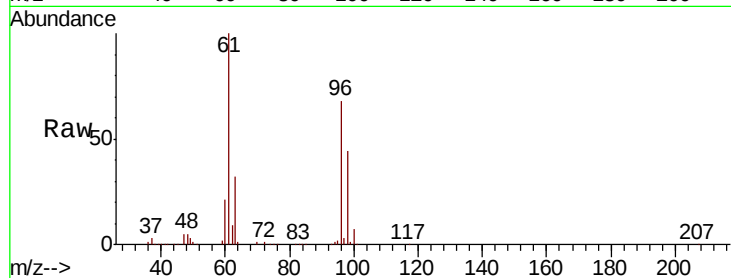
Tot Ion: 96 Resp: 726687

Ion Ratio Lower Upper

96 100

61 148.4 0.0 342.0

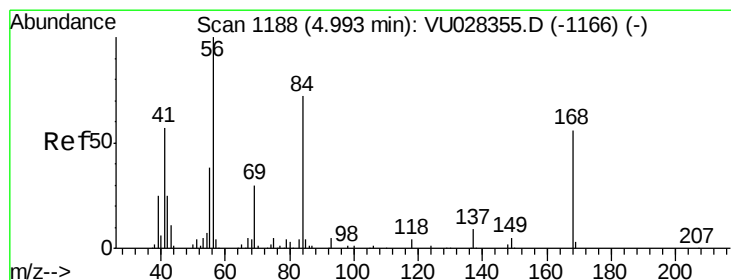
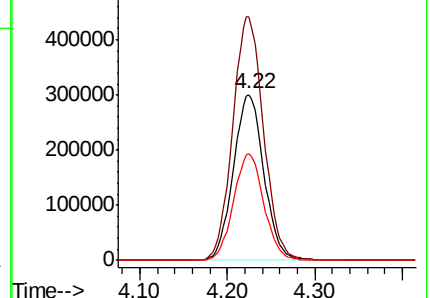
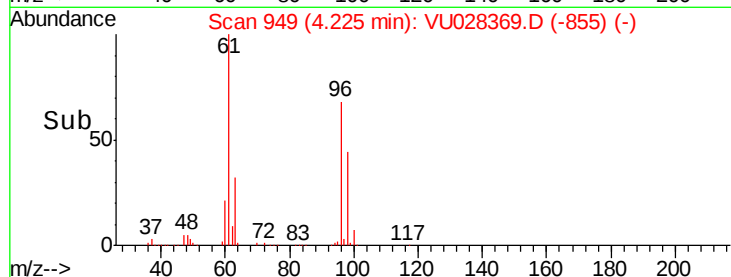
98 63.9 0.0 126.4



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#31

Cyclohexane

Concen: 0.634 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

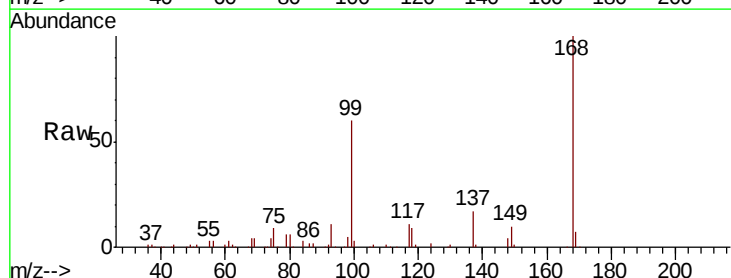
Tgt Ion: 56 Resp: 6935

Ion Ratio Lower Upper

56 100

69 138.4 23.7 35.5#

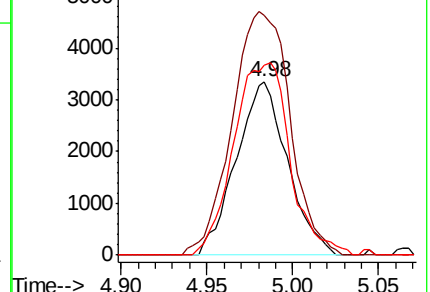
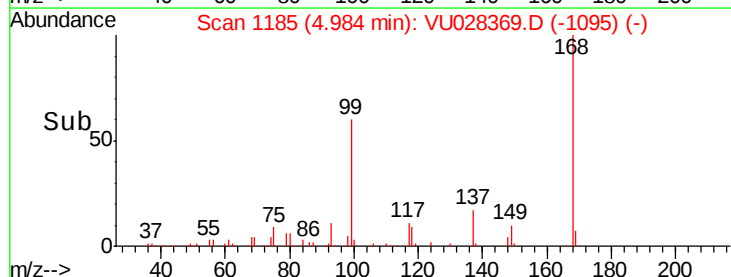
84 109.7 57.3 85.9#

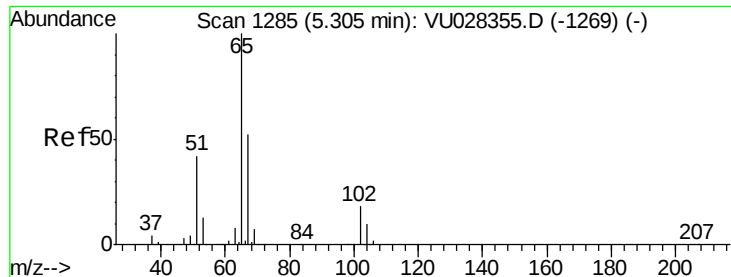


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

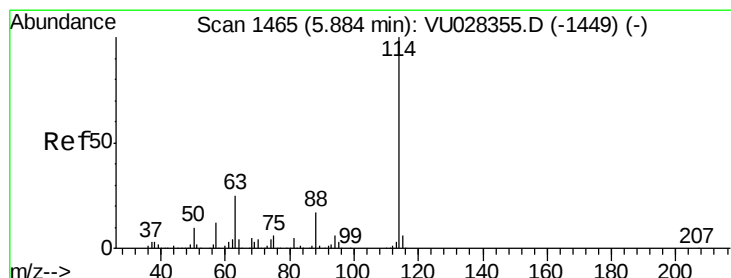
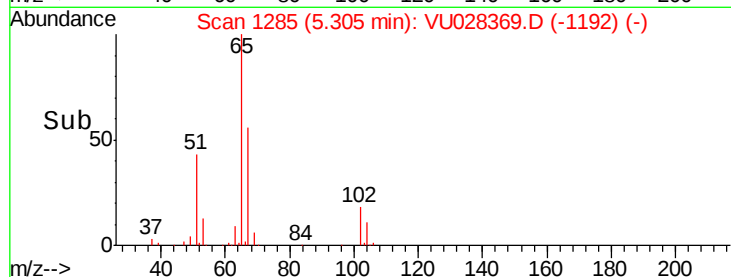
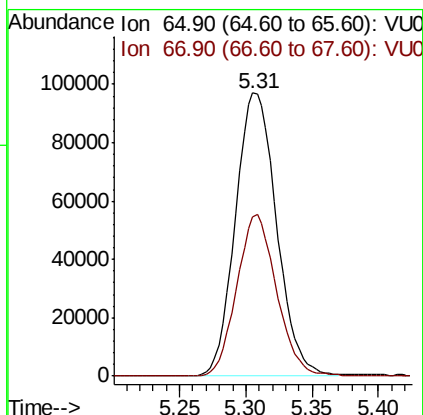
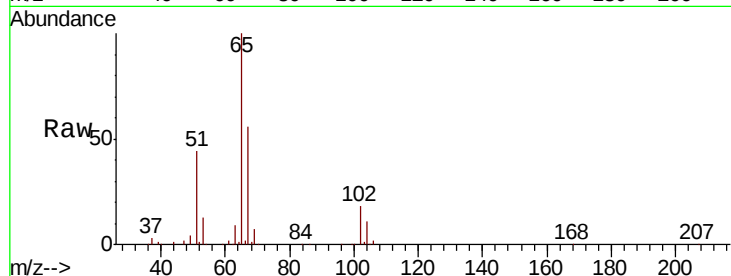




#33
 1,2-Dichloroethane-d4
 Concen: 51.095 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

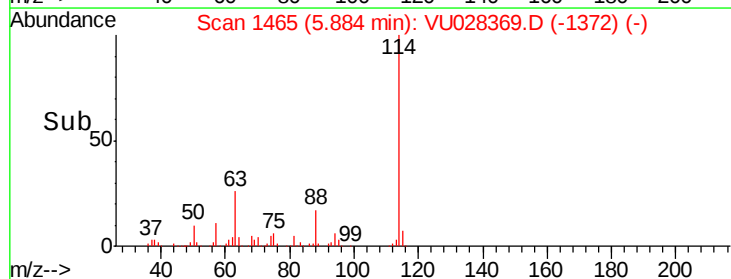
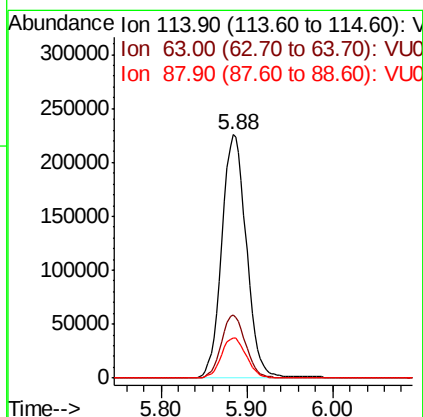
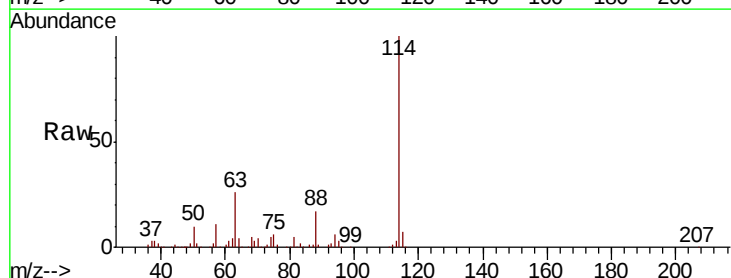
Instrument :
 MSVOA_U
 ClientSampled :
 S32-0639

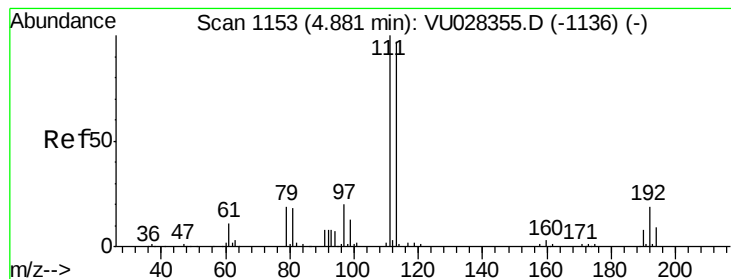
Tot Ion: 65 Resp: 209838
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Tgt Ion: 114 Resp: 451324
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 50.0
 88 16.6 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.331 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

S32-0639

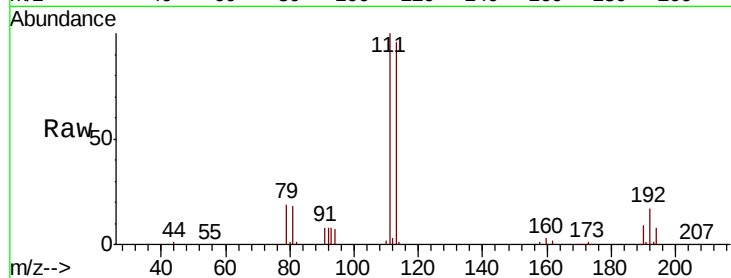
Tot Ion:113 Resp: 151049

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

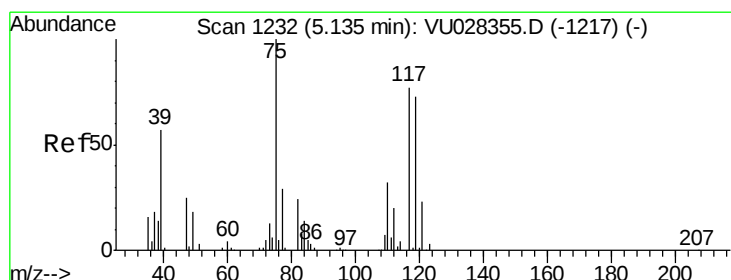
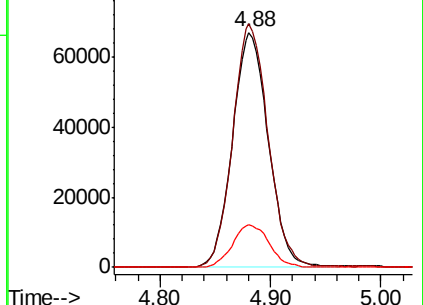
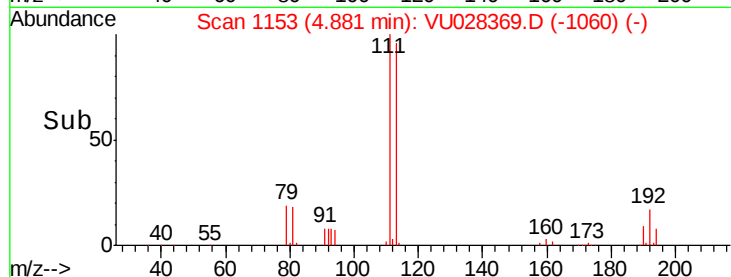
192 18.6 15.4 23.0



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: 4.496 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

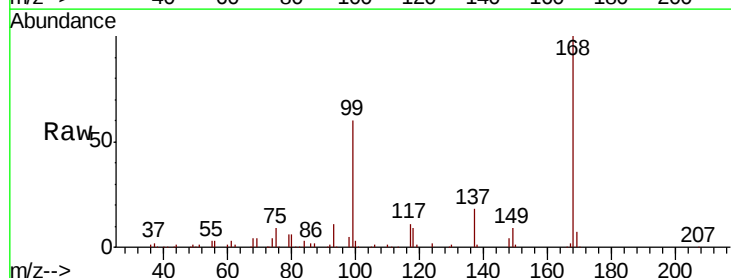
Tgt Ion: 75 Resp: 22203

Ion Ratio Lower Upper

75 100

110 4.4 15.8 47.4#

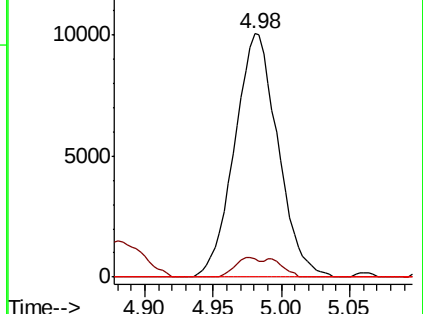
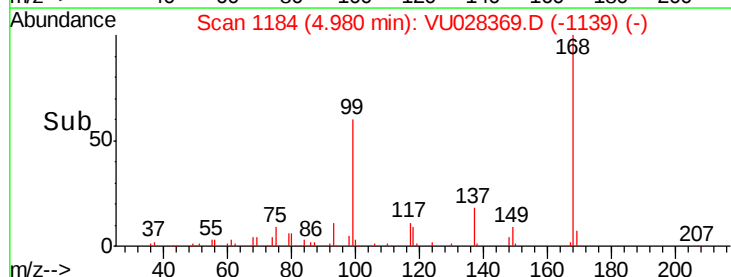
77 0.0 24.6 36.8#

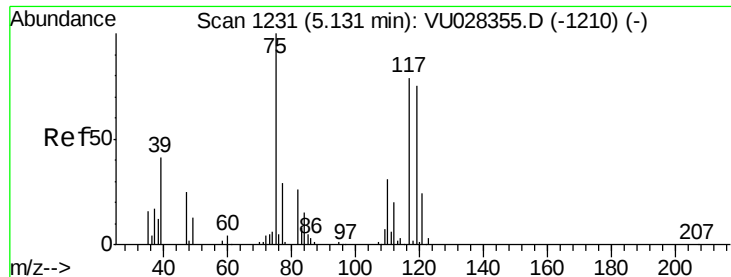


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

S32-0639

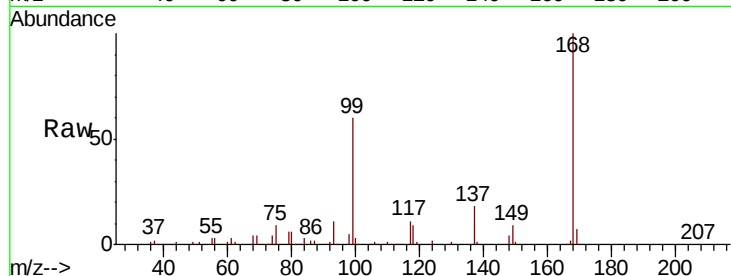
Tot Ion:117 Resp: 26188

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

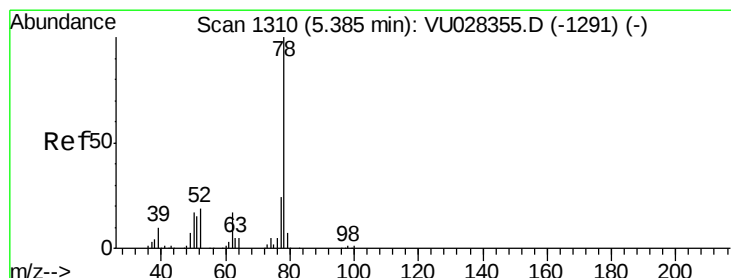
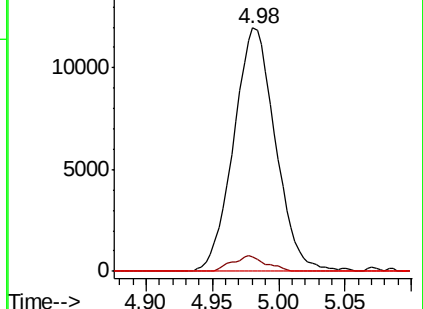
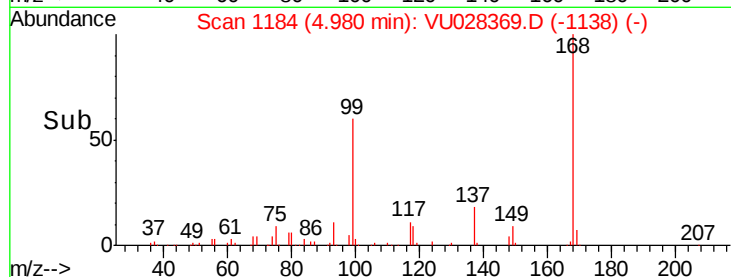
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.216 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VU028369.D

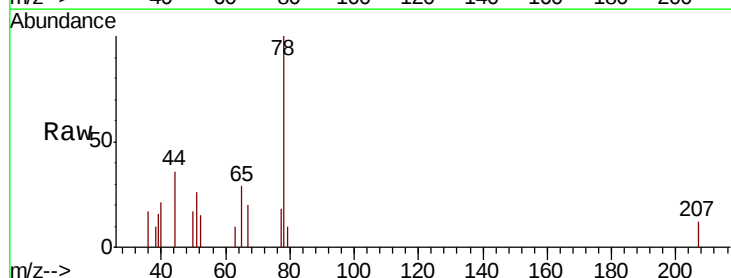
Acq: 28 Nov 2018 16:32

Tgt Ion: 78 Resp: 3153

Ion Ratio Lower Upper

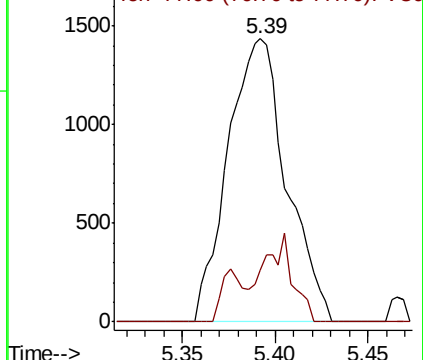
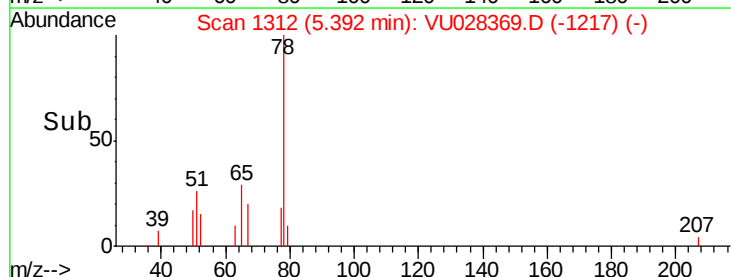
78 100

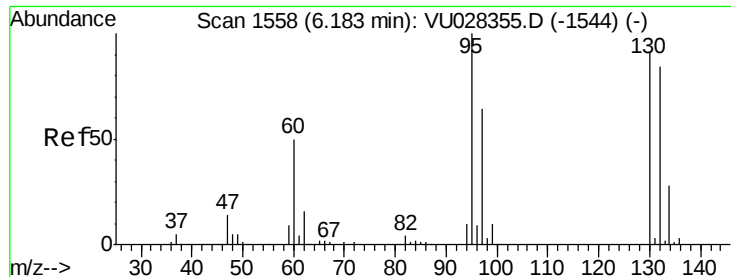
77 18.5 19.0 28.6#



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

Trichloroethene

Concen: 0.304 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

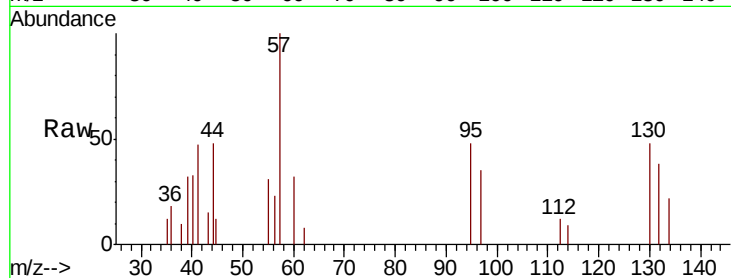
S32-0639

Tot Ion:130 Resp: 952

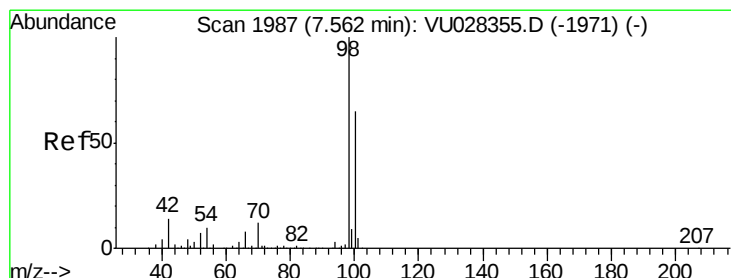
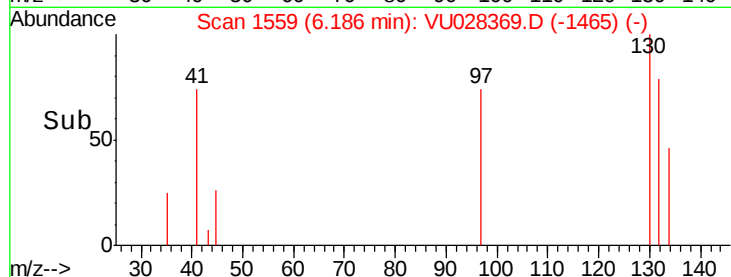
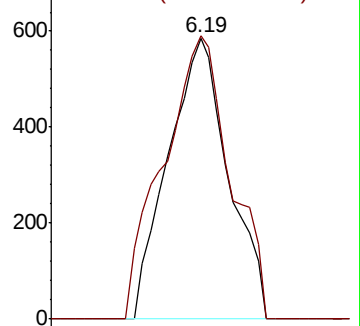
Ion Ratio Lower Upper

130 100

95 100.7 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): VU028355.D (-1544) (-)



#50

Toluene-d8

Concen: 49.568 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU028369.D

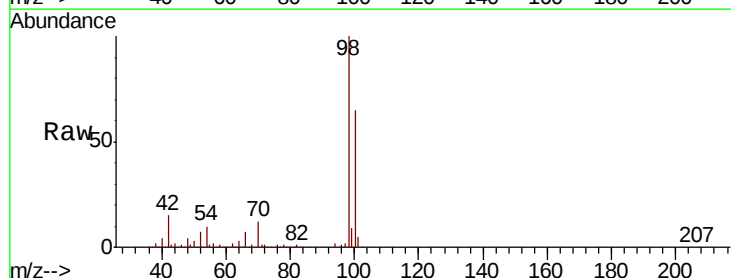
Acq: 28 Nov 2018 16:32

Tgt Ion: 98 Resp: 594928

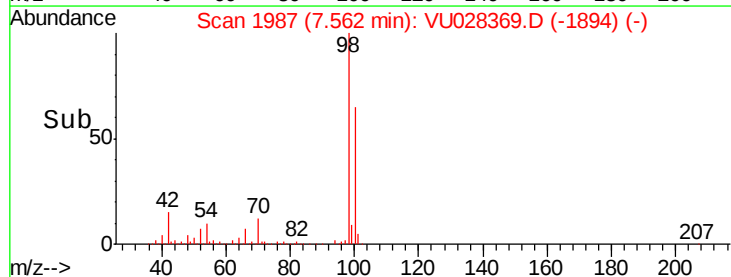
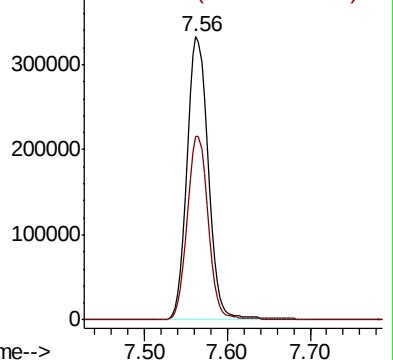
Ion Ratio Lower Upper

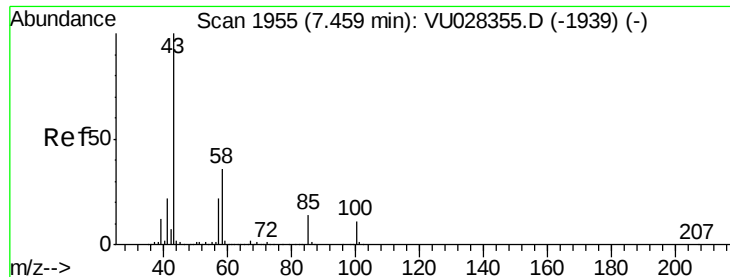
98 100

100 63.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.214 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

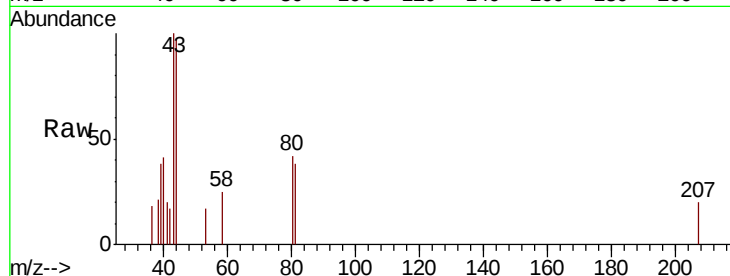
S32-0639

Tot Ion: 43 Resp: 1456

Ion Ratio Lower Upper

43 100

58 25.4 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.47

800

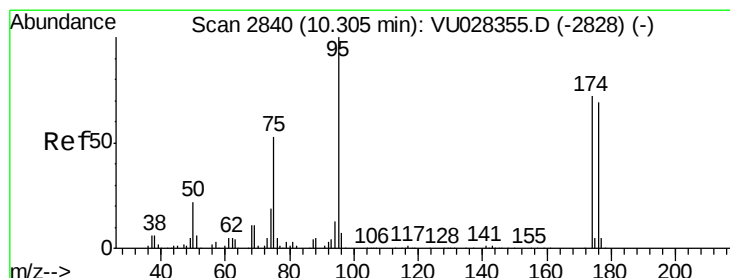
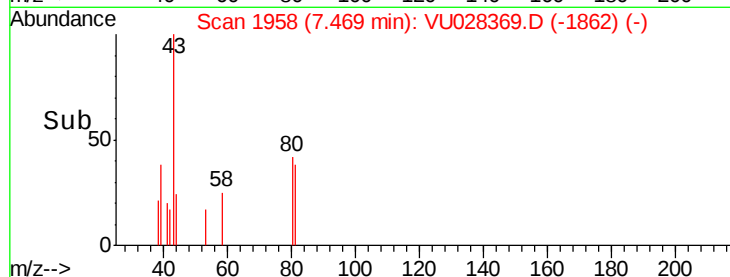
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.085 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

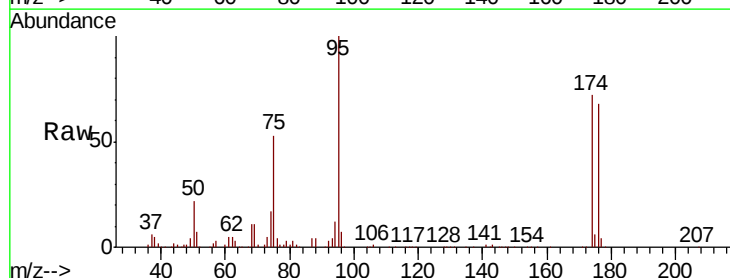
Tgt Ion: 95 Resp: 199364

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.4

176 69.9 0.0 140.8



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

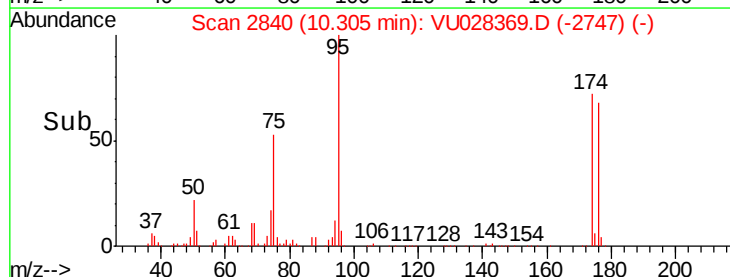
150000

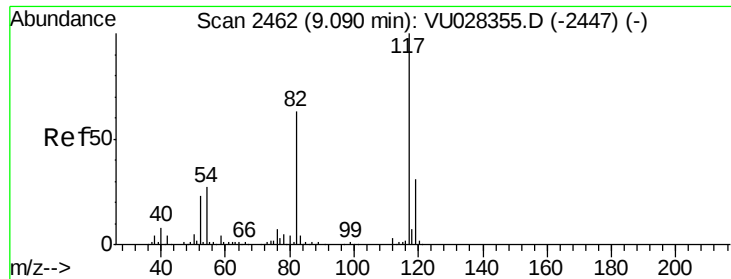
100000

50000

0

Time-->

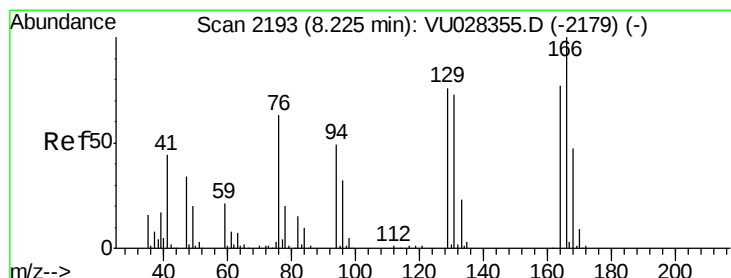
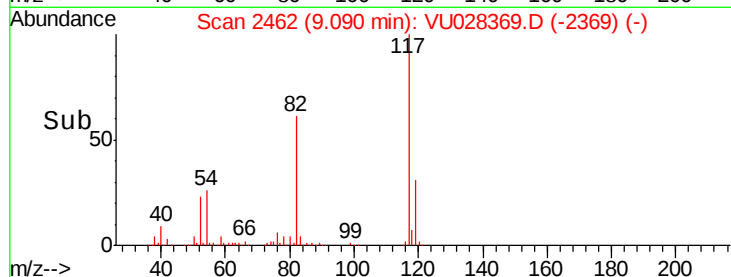
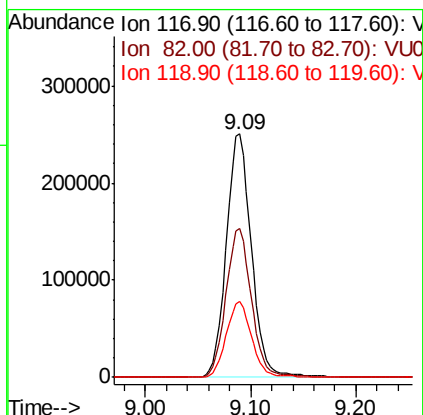
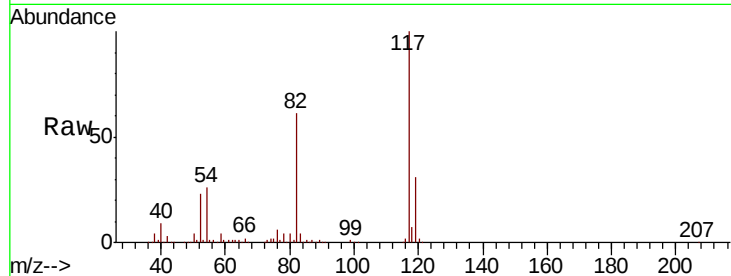




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

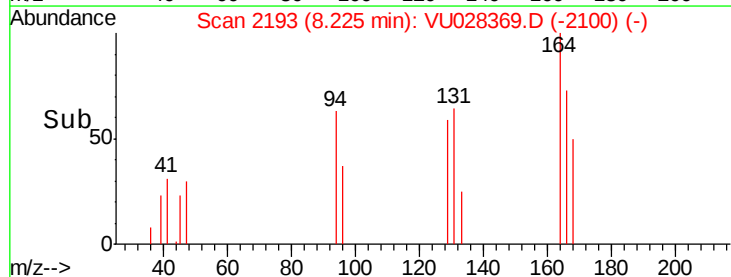
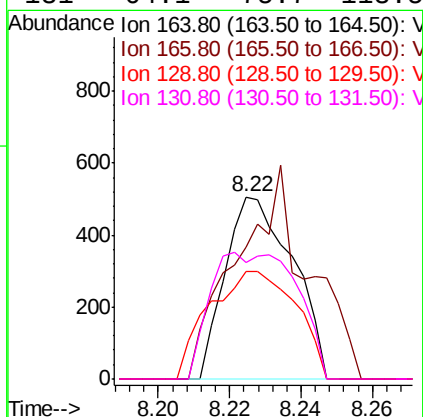
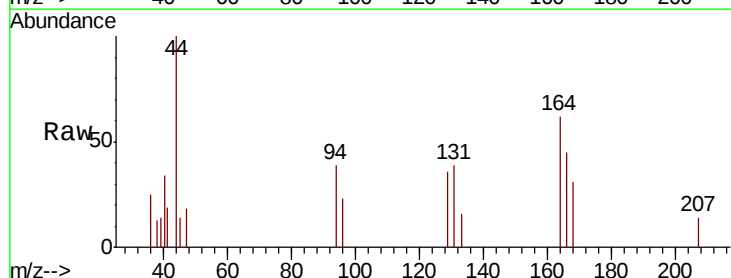
Instrument :
MSVOA_U
ClientSampleId :
S32-0639

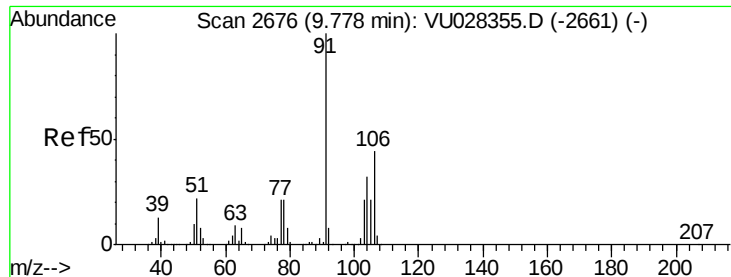
Tot Ion:117 Resp: 413113
Ion Ratio Lower Upper
117 100
82 61.0 50.3 75.5
119 31.0 24.8 37.2



#64
Tetrachloroethene
Concen: 0.243 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Tgt Ion:164 Resp: 661
Ion Ratio Lower Upper
164 100
166 72.6 104.0 156.0#
129 59.0 79.2 118.8#
131 64.1 75.7 113.5#

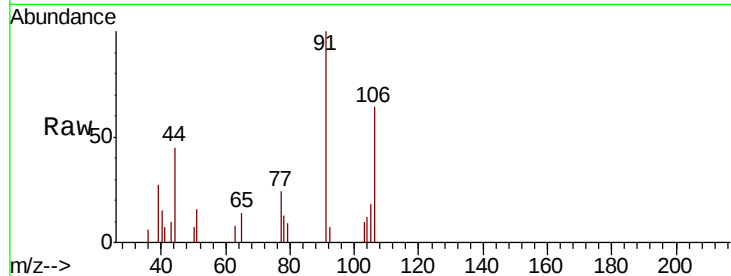




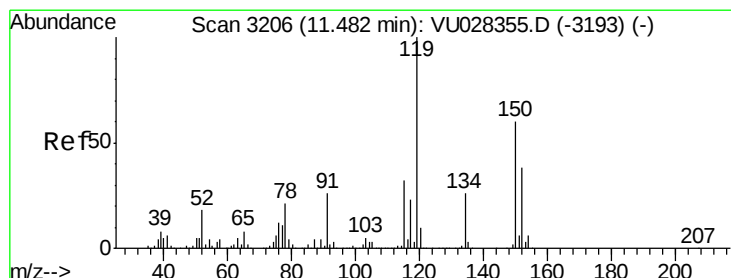
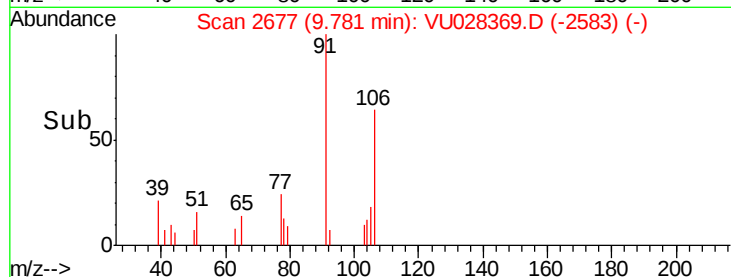
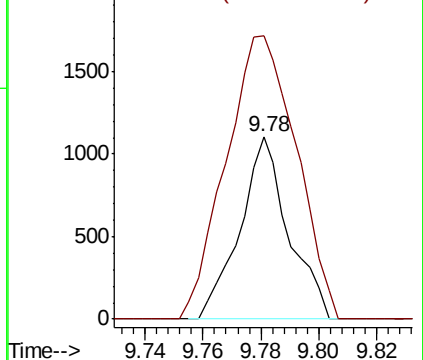
#69
o-Xylene
Concen: 0.222 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Instrument :
MSVOA_U
ClientSampleId :
S32-0639

Tot Ion:106 Resp: 1282
Ion Ratio Lower Upper
106 100
91 224.7 112.7 338.0

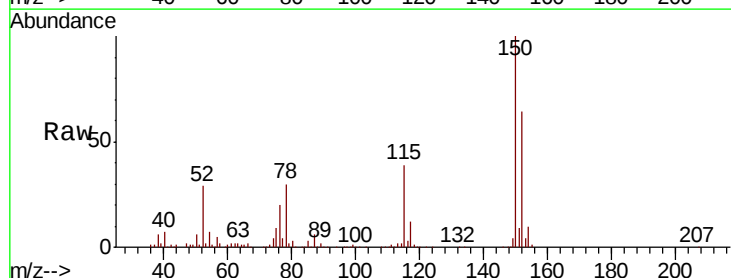


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

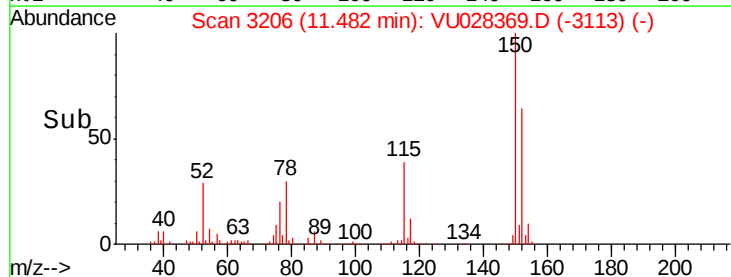
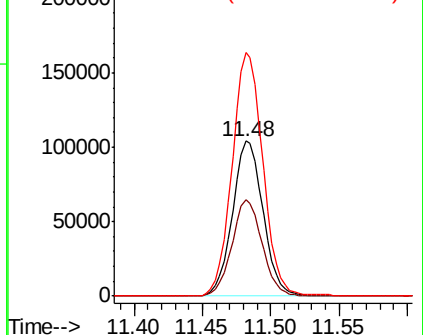


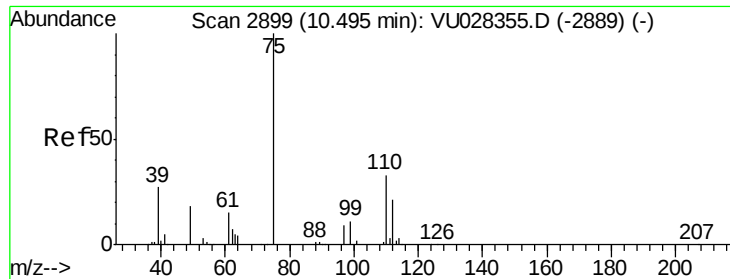
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Tgt Ion:152 Resp: 162075
Ion Ratio Lower Upper
152 100
115 61.2 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: 23.455 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

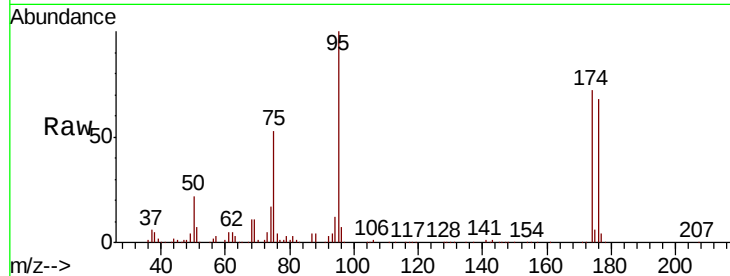
S32-0639

Tot Ion: 75 Resp: 105417

Ion Ratio Lower Upper

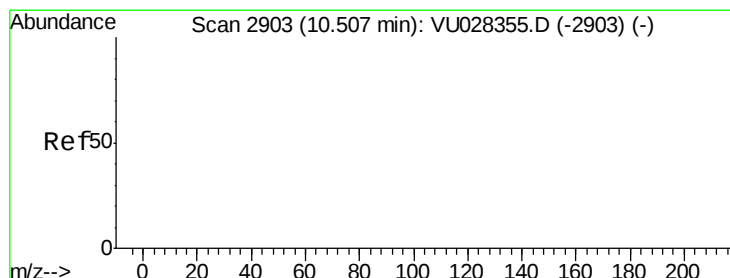
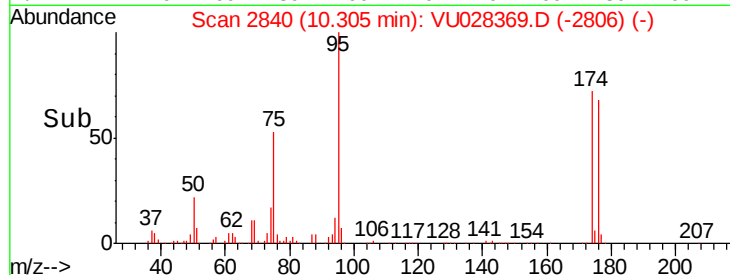
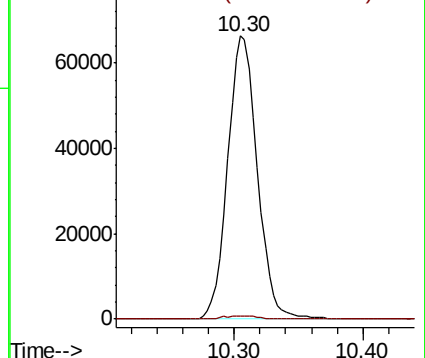
75 100

77 1.4 22.4 67.0#



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: 62.261 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

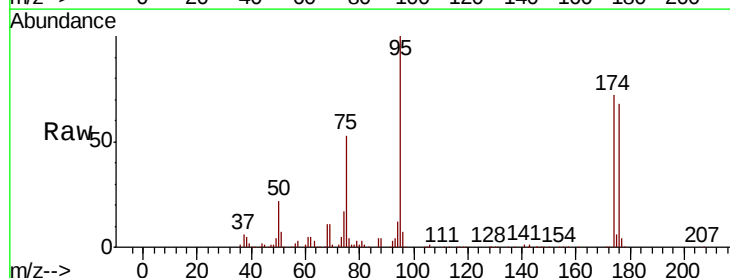
Tgt Ion: 75 Resp: 105417

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

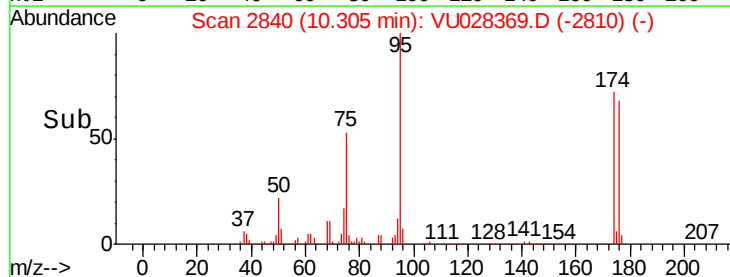
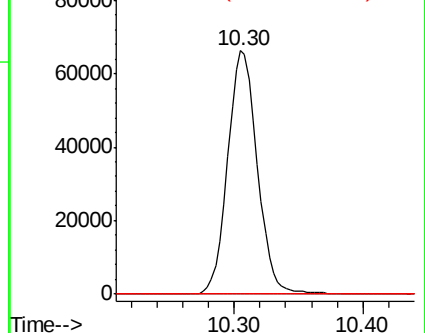
89 0.0 0.0 0.0

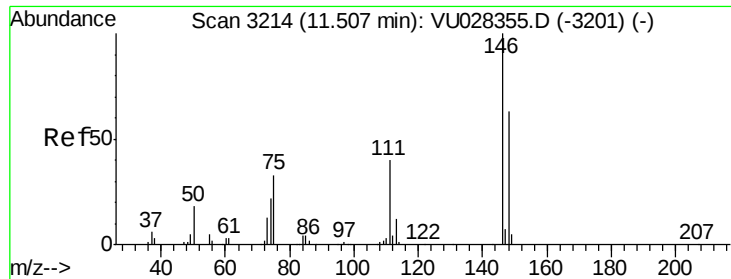


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

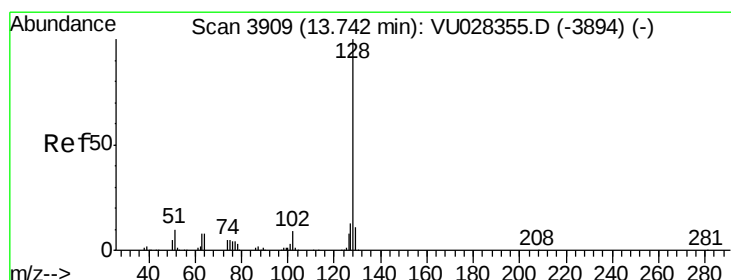
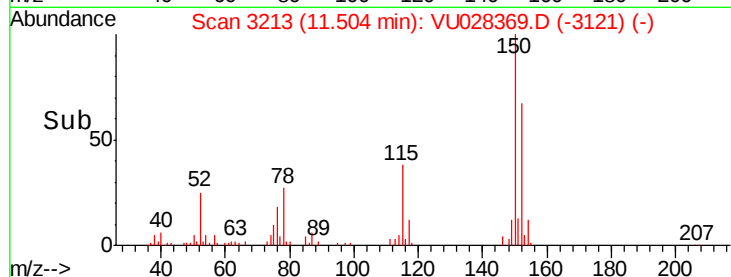
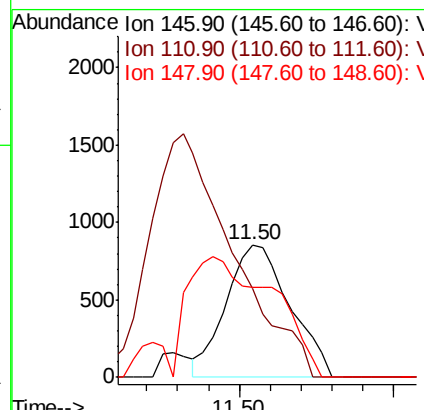
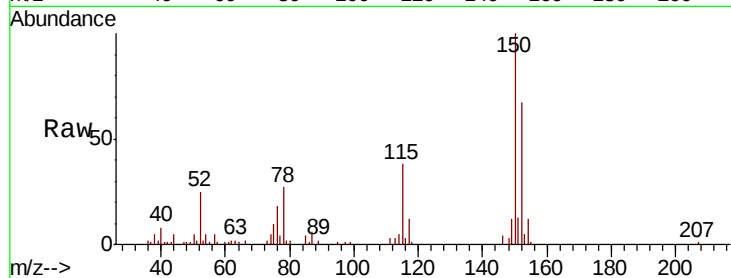




#88
 1,4-Dichlorobenzene
 Concen: 0.225 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

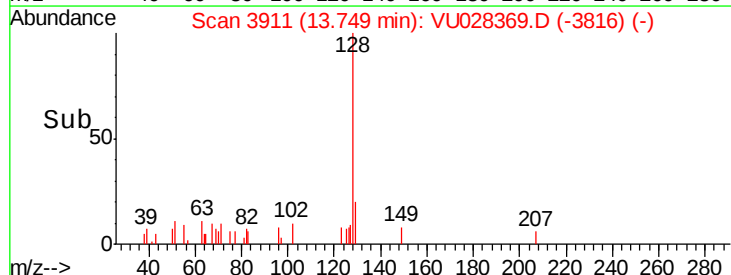
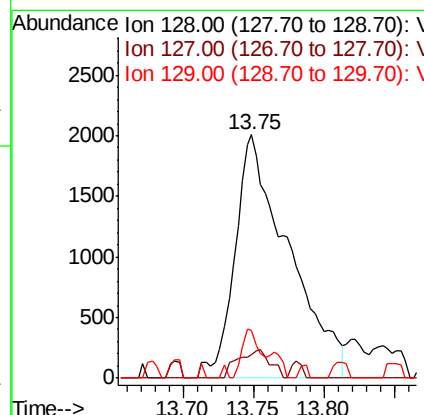
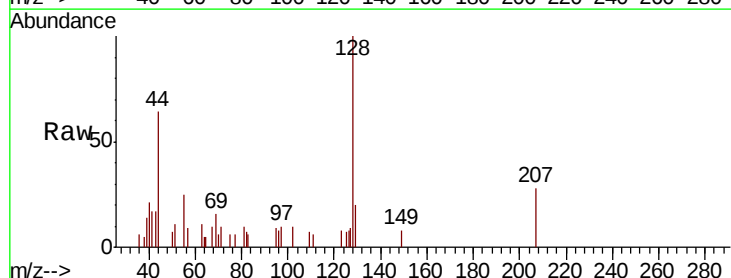
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0639

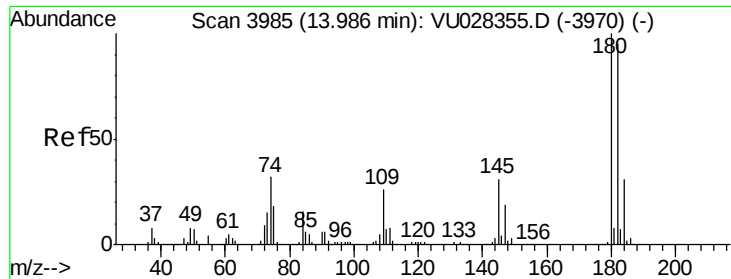
Tot Ion:146 Resp: 1229
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.6 61.9#
 148 121.6 31.1 93.5#



#95
 Naphthalene
 Concen: 3.202 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Tgt Ion:128 Resp: 5308
 Ion Ratio Lower Upper
 128 100
 127 7.0 10.6 15.8#
 129 6.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.395 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0639

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	98.4	47.7	143.1	
145	28.6	15.7	47.1	

