

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028434.D
 Acq On : 03 Dec 2018 12:26
 Operator : MD/SY
 Sample : J6159-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Quant Time: Dec 04 06:53:47 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	314592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	586343	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	568590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	272349	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	261128	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	4.88	113	195470	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	7.57	98	777635	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.30	95	289622	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

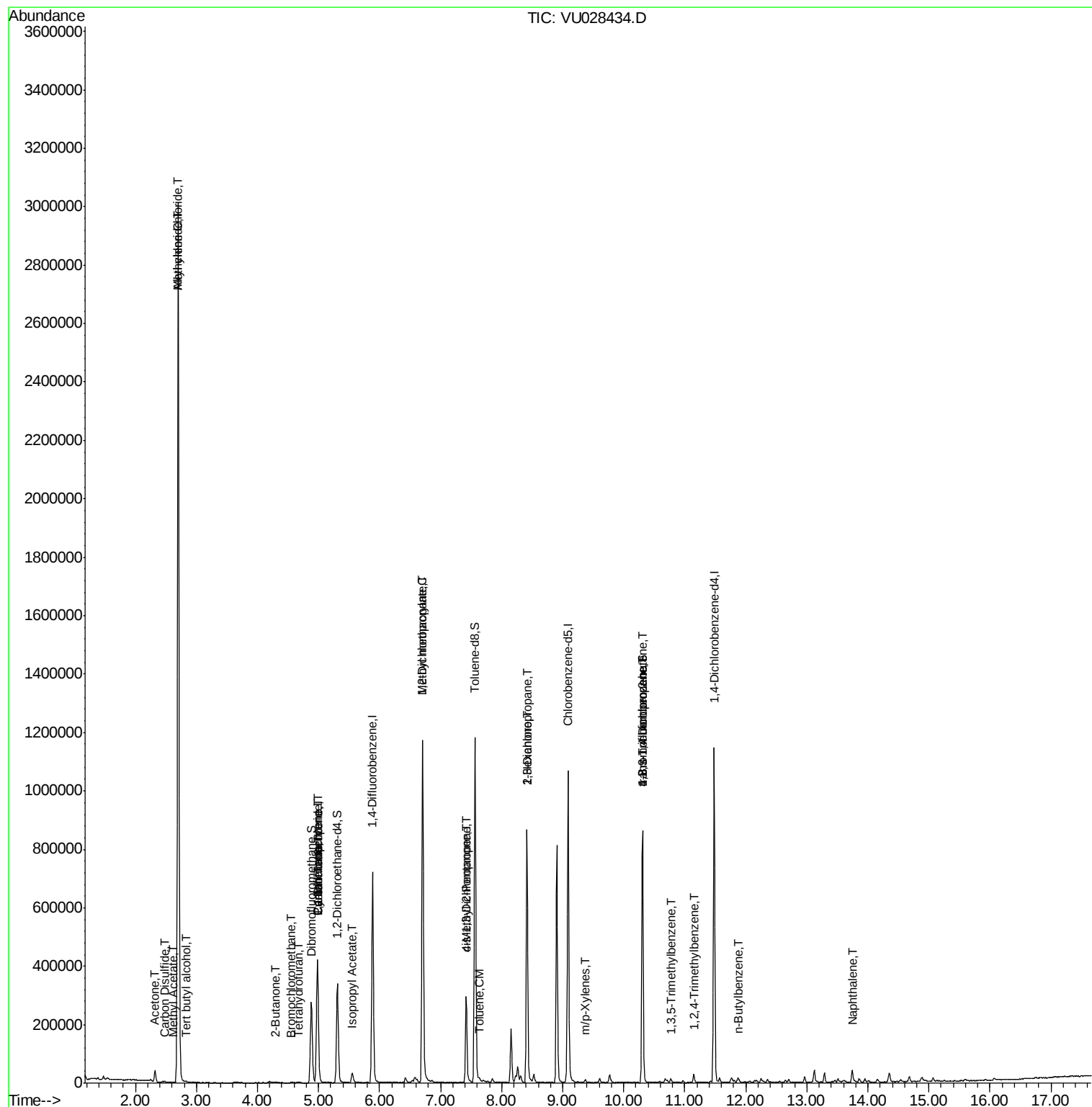
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	732	0.613	ug/l #	72
14) Allyl chloride	2.70	41	57534	6.552	ug/l #	27
16) Acetone	2.32	43	45256	14.071	ug/l	97
17) Carbon Disulfide	2.48	76	2946	0.228	ug/l #	81
18) Methyl Acetate	2.62	43	2612	0.292	ug/l #	83
20) Methylene Chloride	2.70	84	1247594	275.356	ug/l	94
25) 2-Butanone	4.29	43	5051	1.096	ug/l #	80
28) Bromochloromethane	4.56	49	1542	0.362	ug/l #	100
29) Tetrahydrofuran	4.66	42	1401	0.468	ug/l #	67
31) Cyclohexane	4.99	56	7294	0.451	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	28609	4.459	ug/l #	50
38) Carbon Tetrachloride	4.98	117	30389	5.768	ug/l #	16
43) Isopropyl Acetate	5.55	43	41733	3.012	ug/l	100
45) 1,2-Dichloropropane	6.70	63	1181	0.212	ug/l #	43
48) Methyl methacrylate	6.70	41	104634	14.497	ug/l #	46
51) 4-Methyl-2-Pentanone	7.42	43	118166	13.353	ug/l #	48
52) Toluene	7.64	92	2319	0.212	ug/l	83
54) cis-1,3-Dichloropropene	7.42	75	51252	6.292	ug/l #	57
57) 1,3-Dichloropropane	8.41	76	8260	0.989	ug/l #	43
59) 2-Hexanone	8.41	43	128398	18.731	ug/l #	53
68) m/p-Xylenes	9.38	106	3095	0.387	ug/l	83
76) 1,2,3-Trichloropropane	10.30	75	150191	19.886	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	7177	0.402	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.30	75	150191	52.788	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	14202	0.786	ug/l	88
89) n-Butylbenzene	11.88	91	4044	0.231	ug/l #	46
95) Naphthalene	13.75	128	37920	4.396	ug/l	98

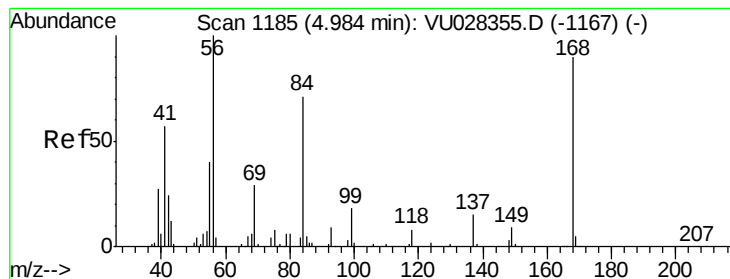
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

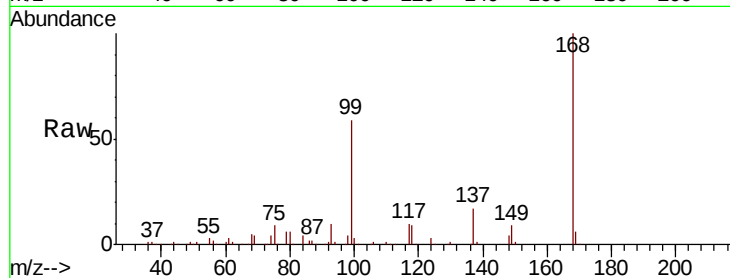
CB-1129-S-TCLP-GRID27

Tot Ion:168 Resp: 314592

Ion Ratio Lower Upper

168 100

99 59.1 49.6 74.4



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

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

150000

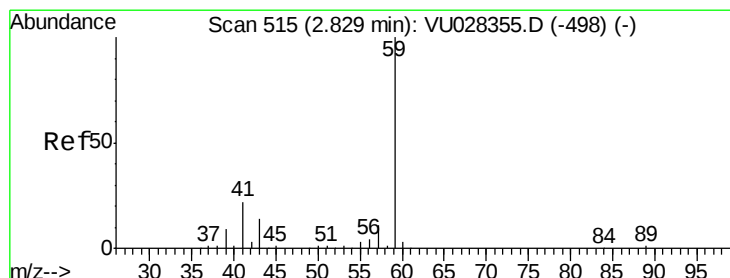
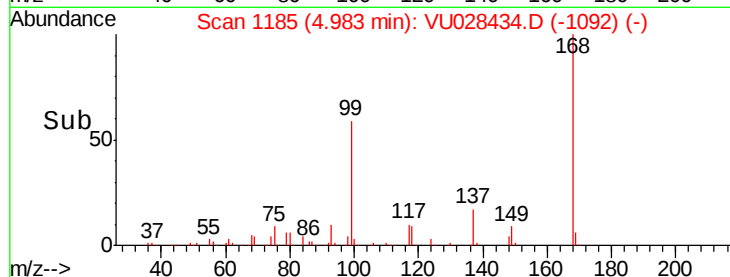
100000

50000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.613 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU028434.D

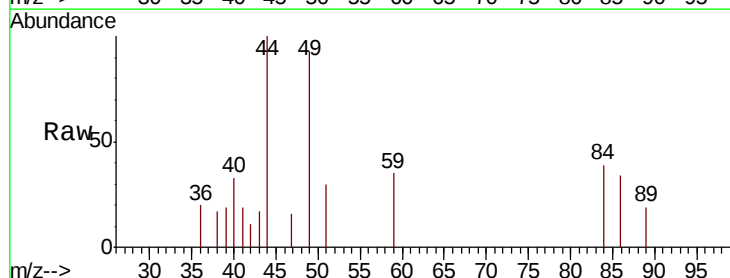
Acq: 03 Dec 2018 12:26

Tgt Ion: 59 Resp: 732

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D

Ion 57.00 (56.70 to 57.70): VU028355.D

2.84

400

300

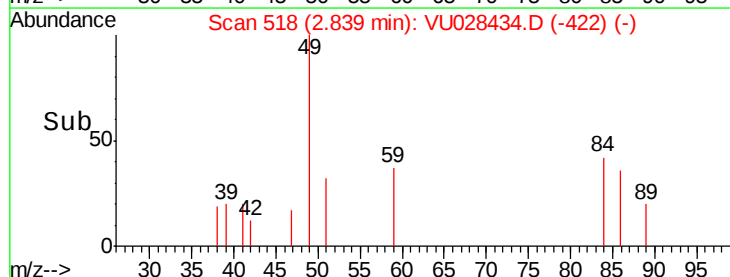
200

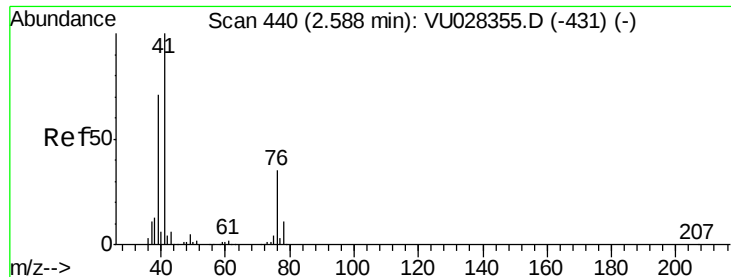
100

0

2.80 2.85

Time-->





#14

Allvl chloride

Concen: 6.552 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

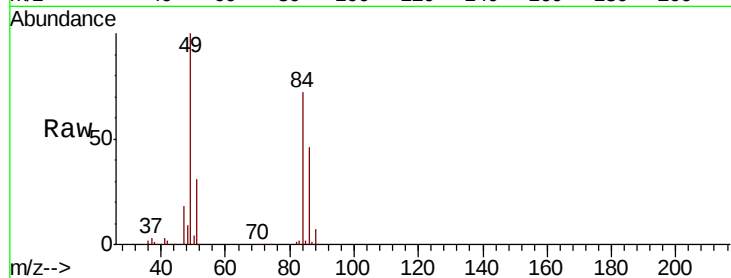
Tot Ion: 41 Resp: 57534

Ion Ratio Lower Upper

41 100

39 1.0 51.6 77.4#

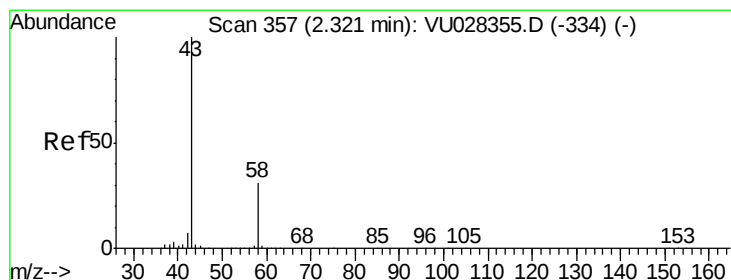
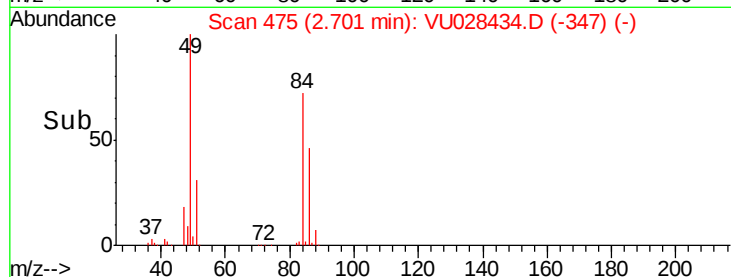
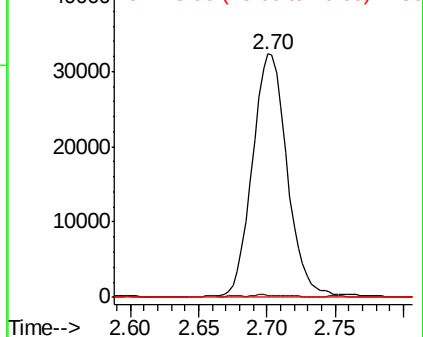
76 0.0 24.4 36.6#



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: 14.071 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028434.D

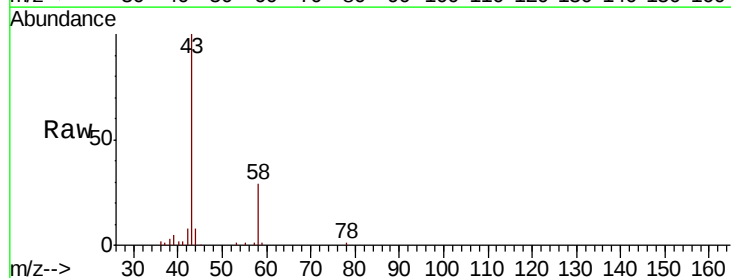
Acq: 03 Dec 2018 12:26

Tgt Ion: 43 Resp: 45256

Ion Ratio Lower Upper

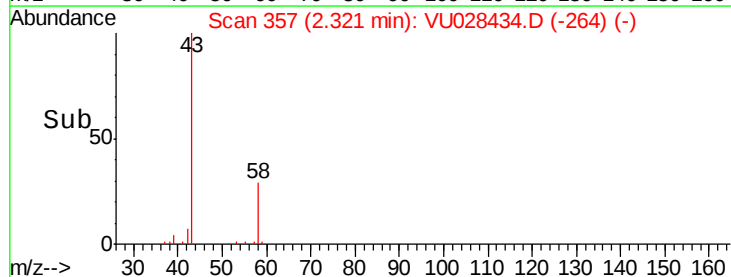
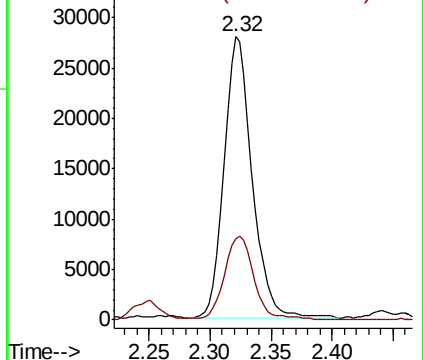
43 100

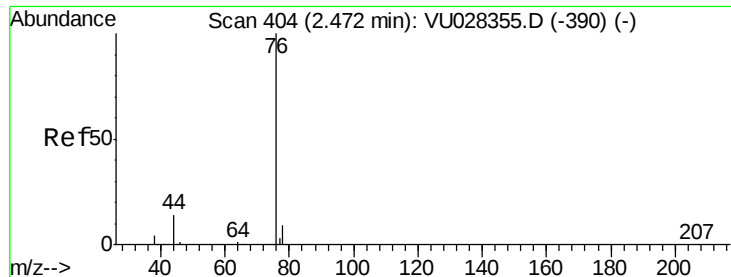
58 28.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

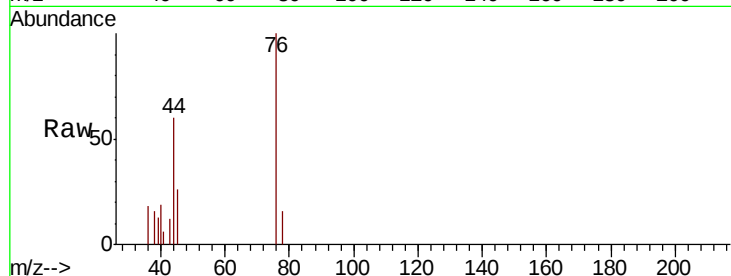
CB-1129-S-TCLP-GRID27

Tot Ion: 76 Resp: 2946

Ion Ratio Lower Upper

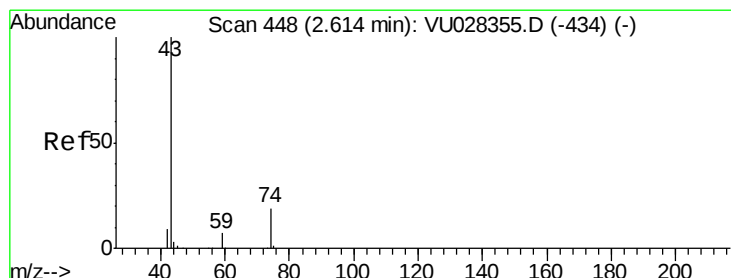
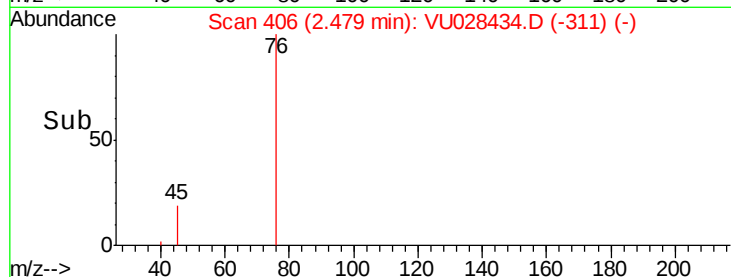
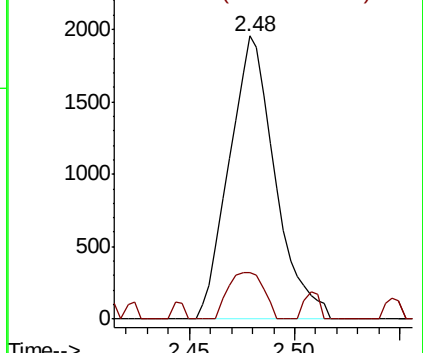
76 100

78 16.4 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 0.292 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028434.D

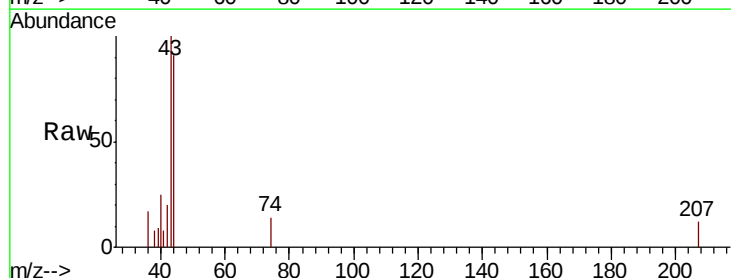
Acq: 03 Dec 2018 12:26

Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

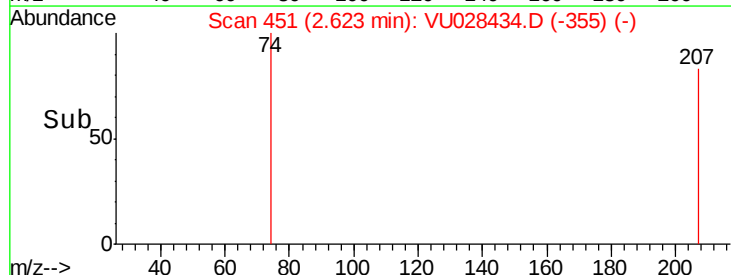
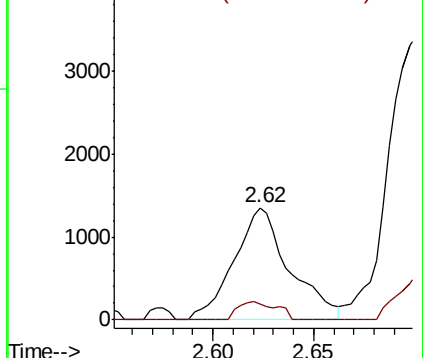
43 100

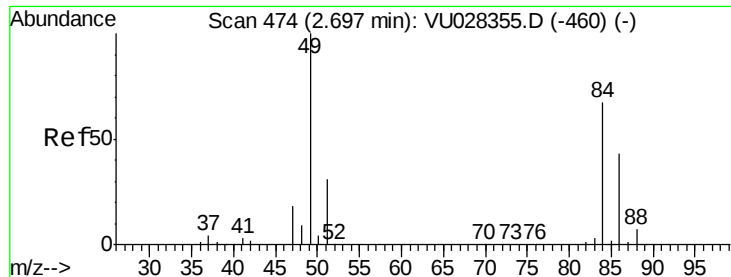
74 11.4 15.3 22.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



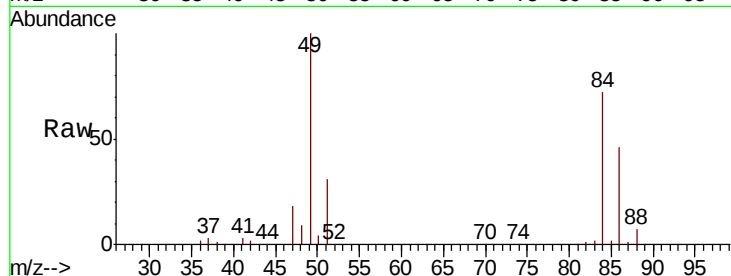


#20
Methylene Chloride
Concen: 275.356 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tot Ion: 84 Resp: 1247594

Ion	Ratio	Lower	Upper
84	100		
49	139.2	120.0	180.0
51	42.7	36.9	55.3
86	63.9	51.1	76.7



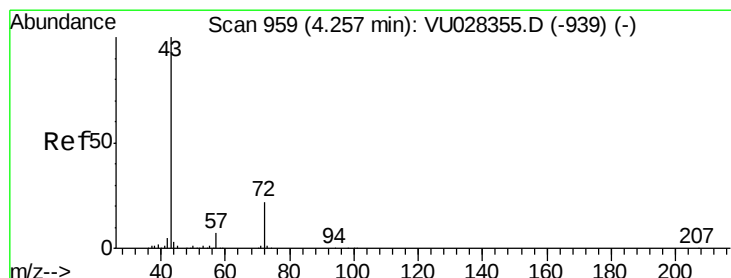
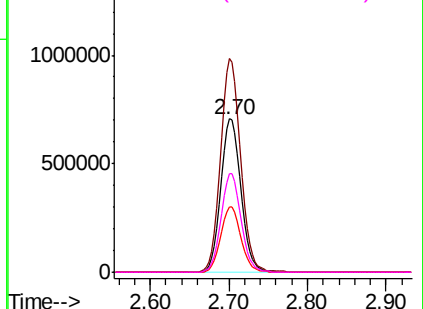
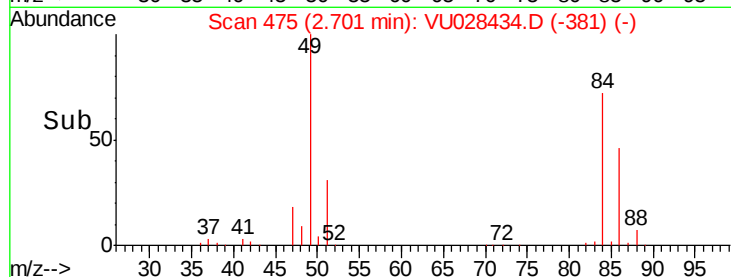
Abundance

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

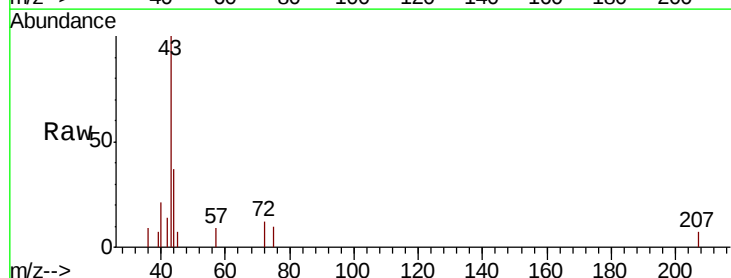
Ion 85.90 (85.60 to 86.60): VU0



#25
2-Butanone
Concen: 1.096 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion: 43 Resp: 5051

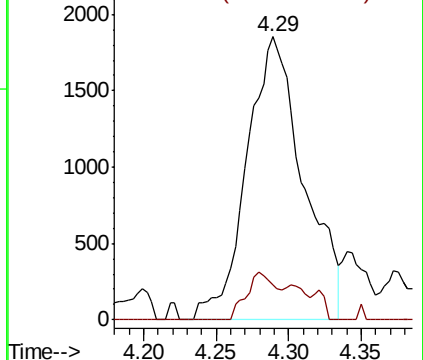
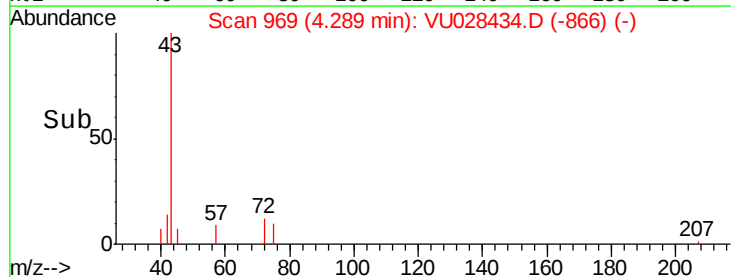
Ion	Ratio	Lower	Upper
43	100		
72	12.4	17.7	26.5#

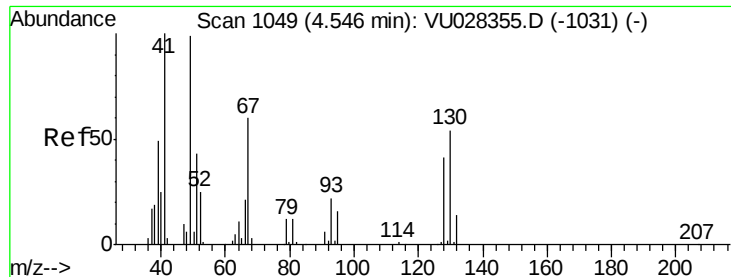


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#28

Bromochloromethane

Concen: 0.362 ug/l

RT: 4.56 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

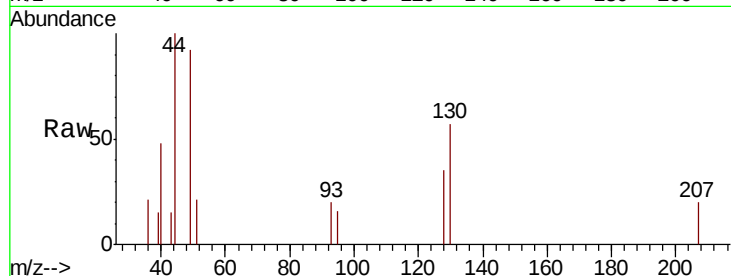
Tot Ion: 49 Resp: 1542

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 55.5 44.5 66.7



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

800

600

400

200

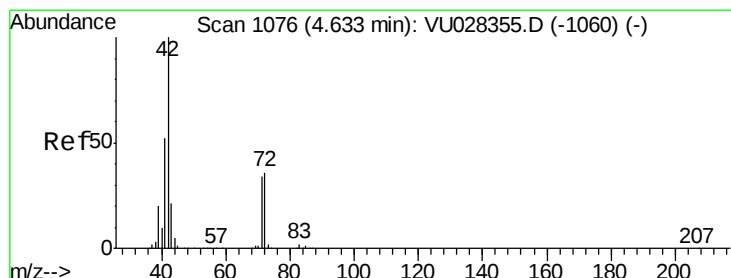
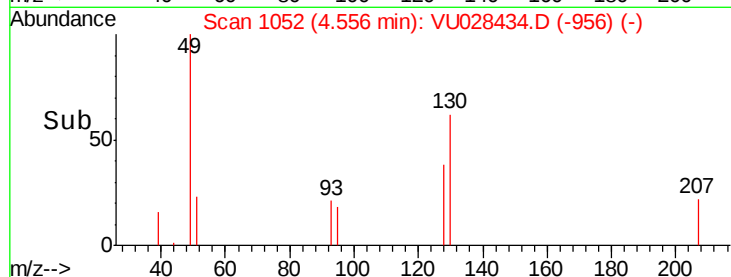
0

4.50

4.55

4.60

Time-->



#29

Tetrahydrofuran

Concen: 0.468 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.03 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

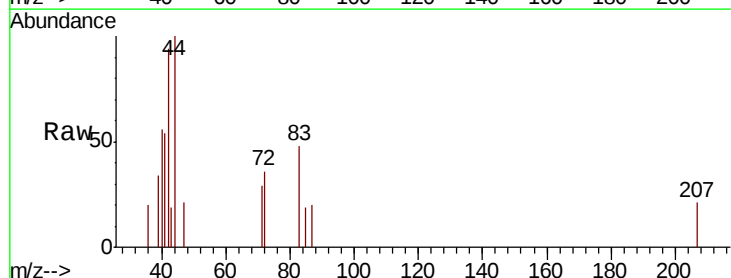
Tgt Ion: 42 Resp: 1401

Ion Ratio Lower Upper

42 100

72 19.0 29.5 44.3#

71 13.8 27.7 41.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

800

600

400

200

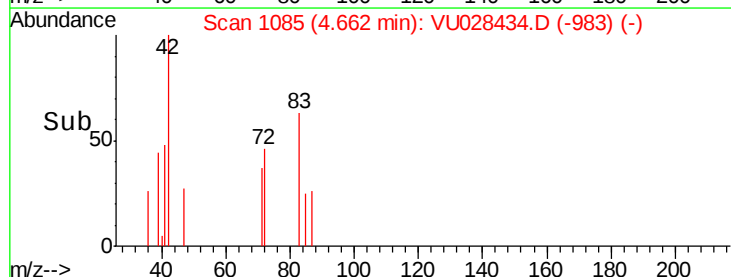
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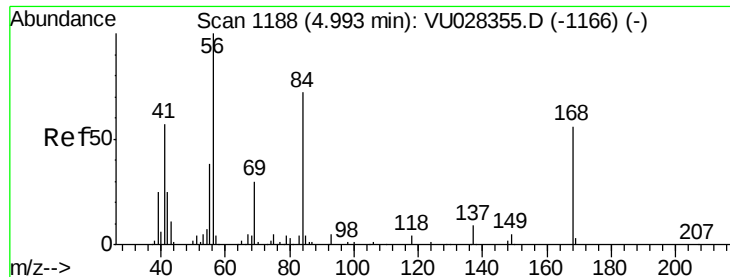
4.60

4.65

4.70

Time-->

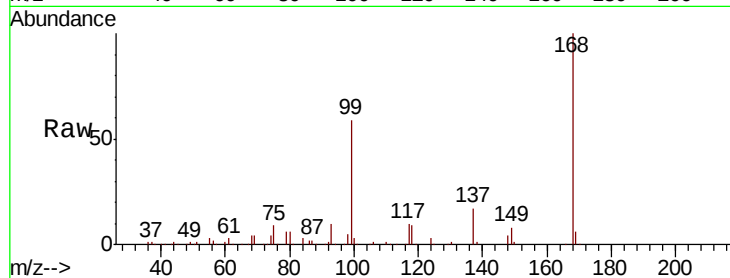




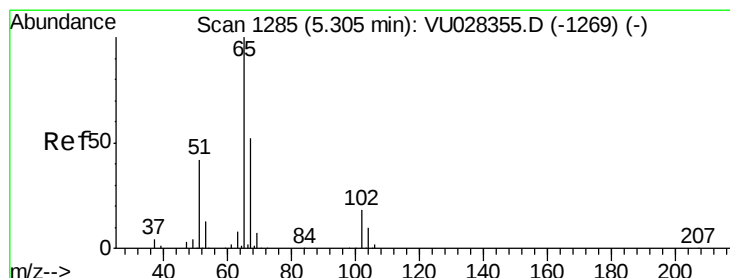
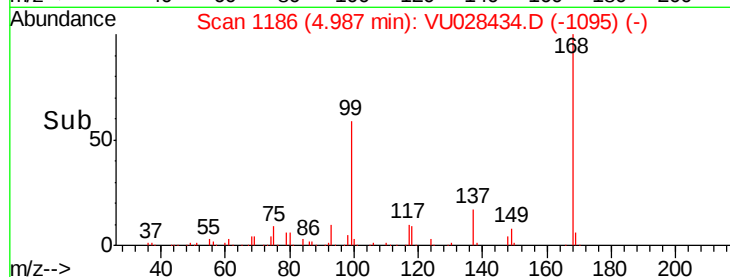
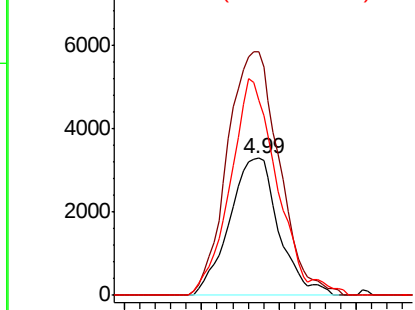
#31
Cyclohexane
Concen: 0.451 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tot Ion: 56 Resp: 7294
Ion Ratio Lower Upper
56 100
69 177.4 23.7 35.5#
84 141.9 57.3 85.9#

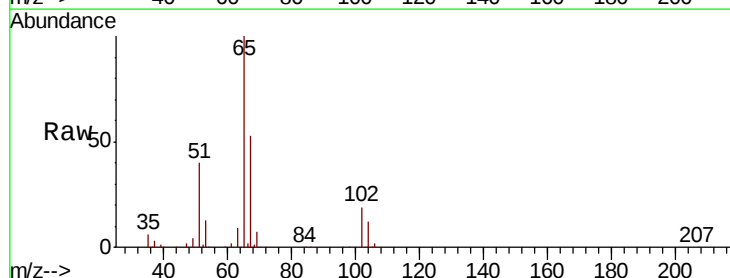


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

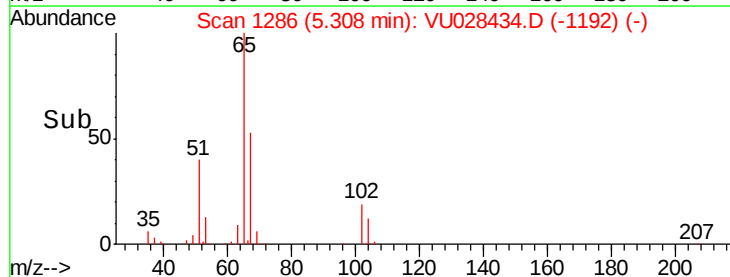
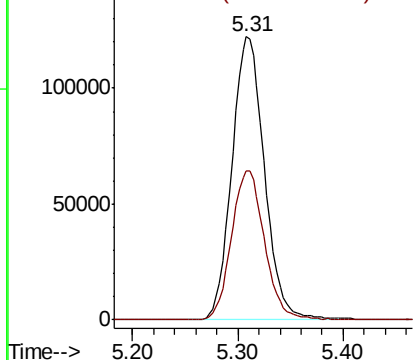


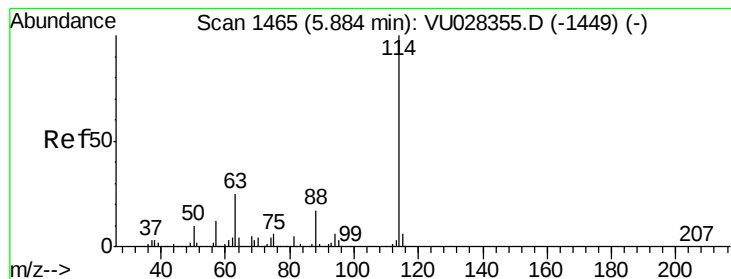
#33
1,2-Dichloroethane-d4
Concen: 49.667 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion: 65 Resp: 261128
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8



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: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

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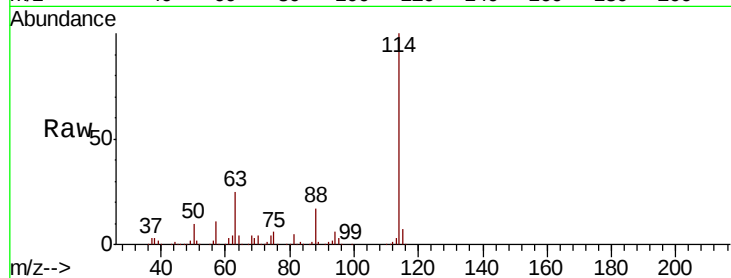
Tot Ion:114 Resp: 586343

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.0

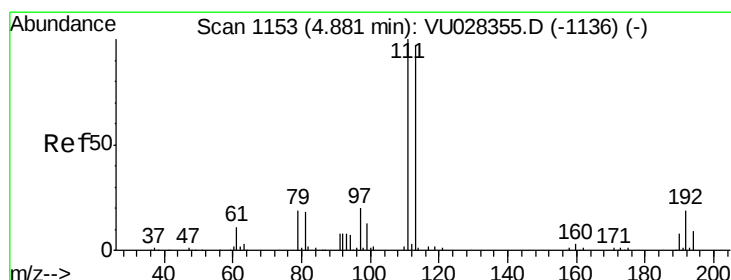
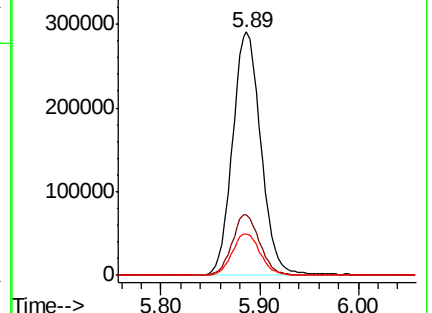
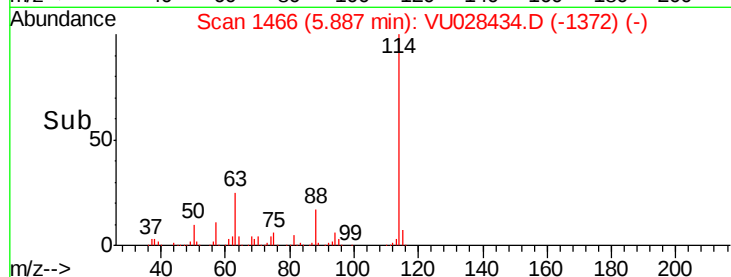
88 17.0 0.0 34.4



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: 50.134 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

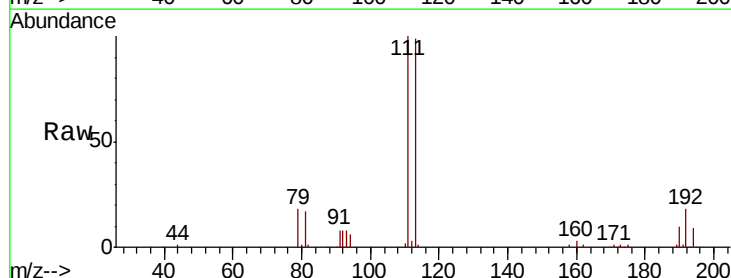
Tgt Ion:113 Resp: 195470

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

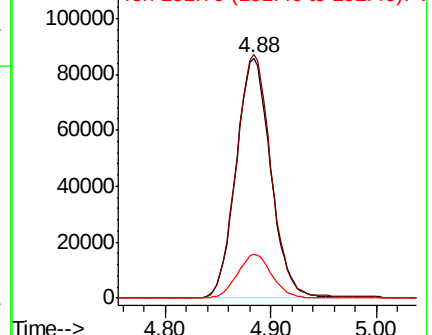
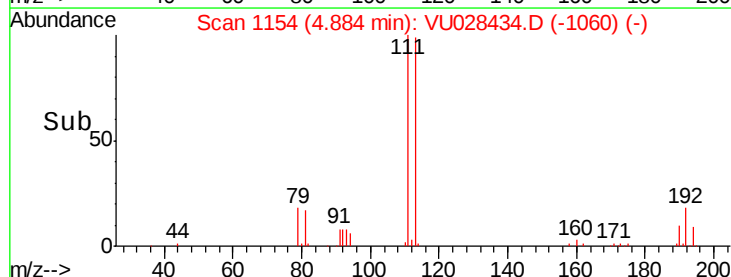
192 18.3 15.4 23.0

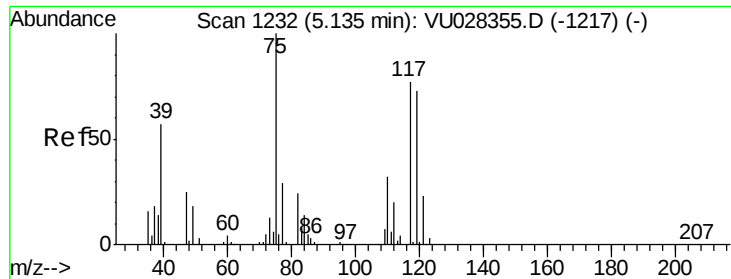


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.459 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

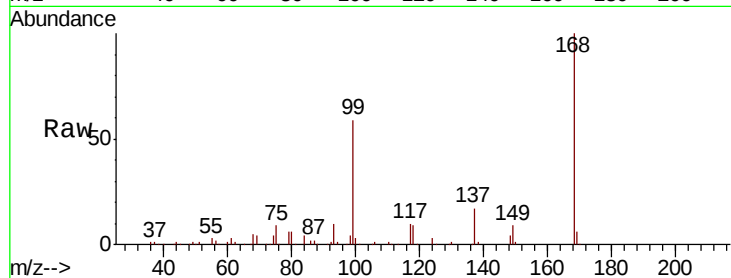
Tot Ion: 75 Resp: 28609

Ion Ratio Lower Upper

75 100

110 6.8 15.8 47.4#

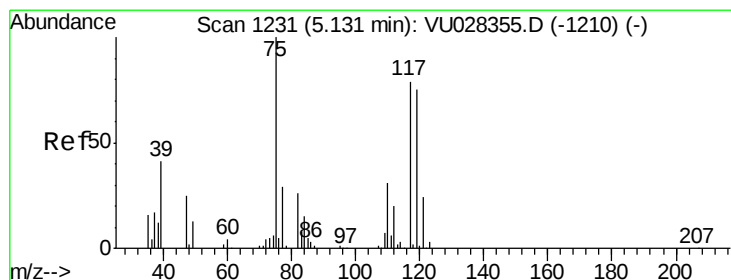
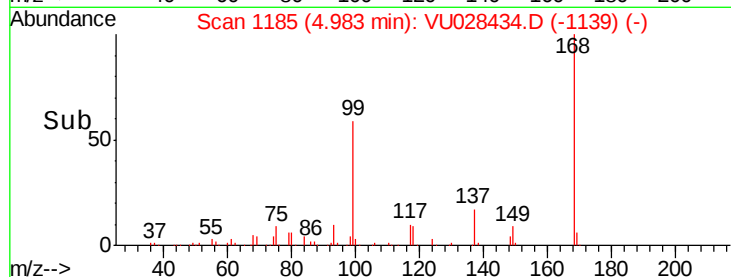
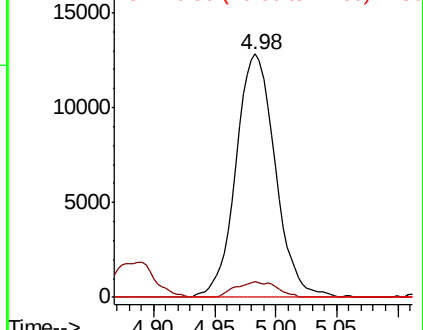
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VU028355.D (-1217) (-)

Ion 109.90 (109.60 to 110.60): VU028355.D (-1217) (-)

Ion 76.90 (76.60 to 77.60): VU028355.D (-1217) (-)



#38

Carbon Tetrachloride

Concen: 5.768 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

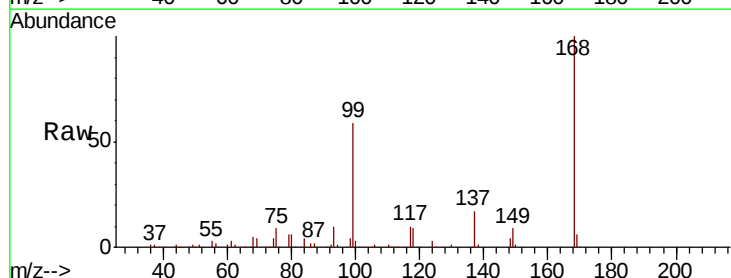
Tgt Ion: 117 Resp: 30389

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

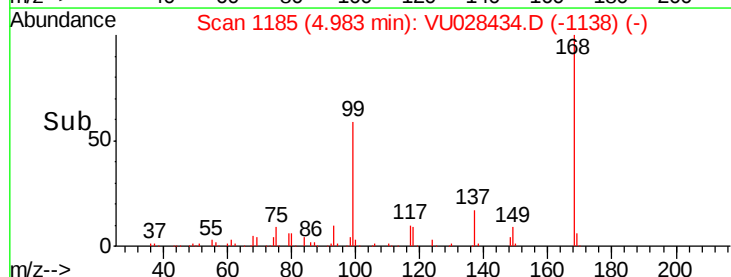
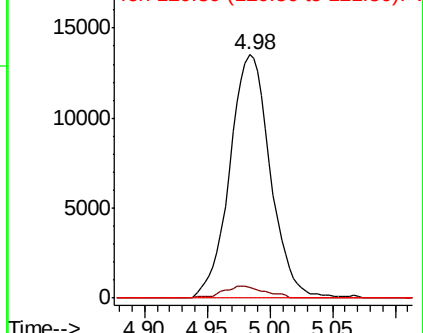
121 0.0 24.7 37.1#

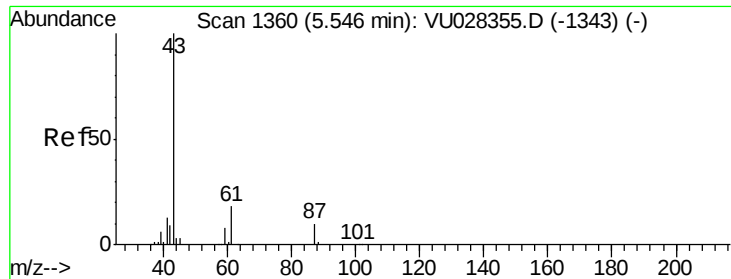


Abundance Ion 116.80 (116.50 to 117.50): VU028355.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU028355.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU028355.D (-1210) (-)





#43

Isopropyl Acetate

Concen: 3.012 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

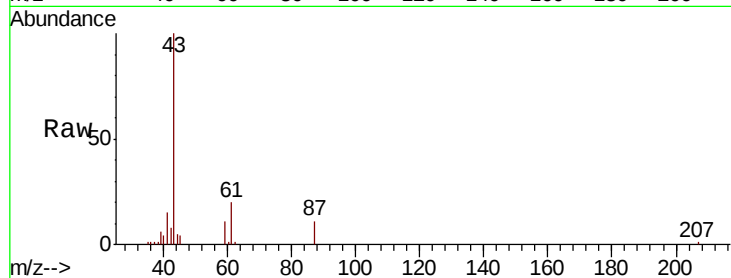
Tot Ion: 43 Resp: 41733

Ion Ratio Lower Upper

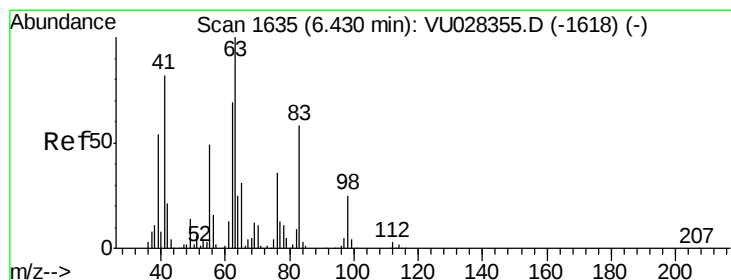
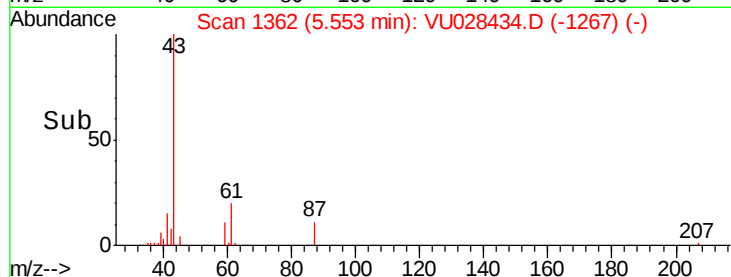
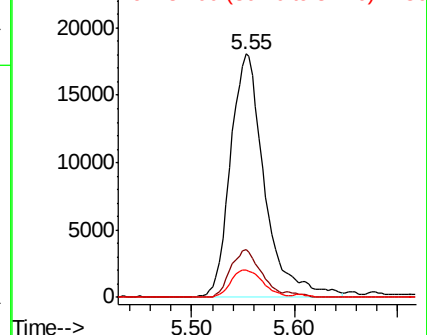
43 100

61 18.3 14.5 21.7

87 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#45

1,2-Dichloropropane

Concen: 0.212 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.27 min

Lab File: VU028434.D

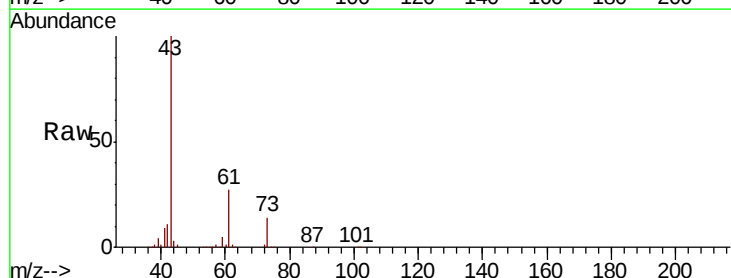
Acq: 03 Dec 2018 12:26

Tgt Ion: 63 Resp: 1181

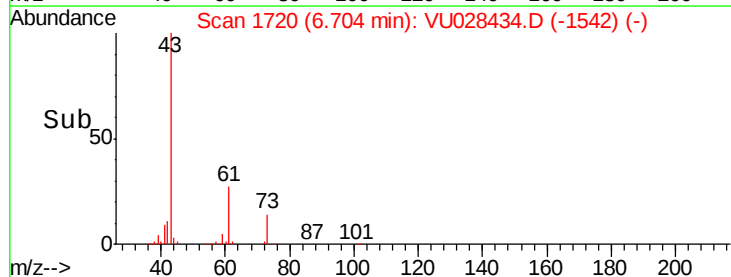
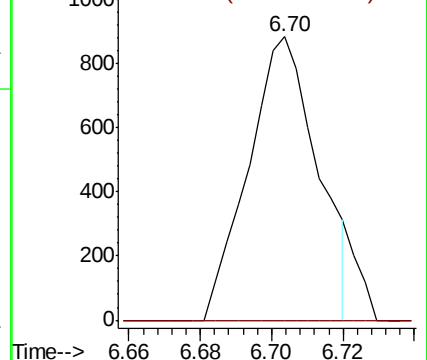
Ion Ratio Lower Upper

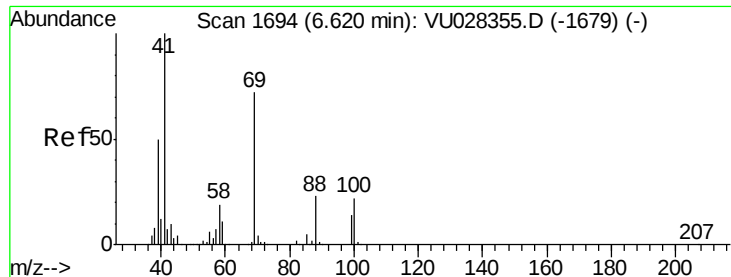
63 100

65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 64.90 (64.60 to 65.60): VU0

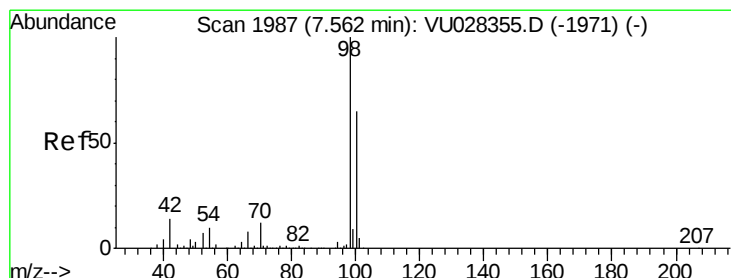
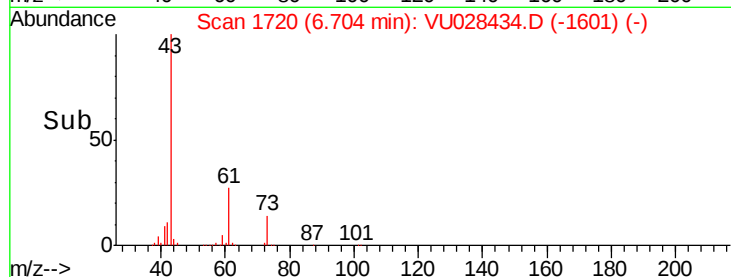
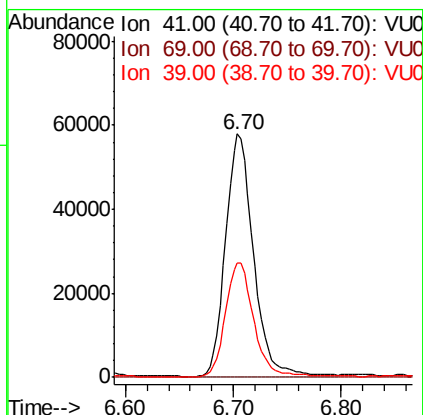
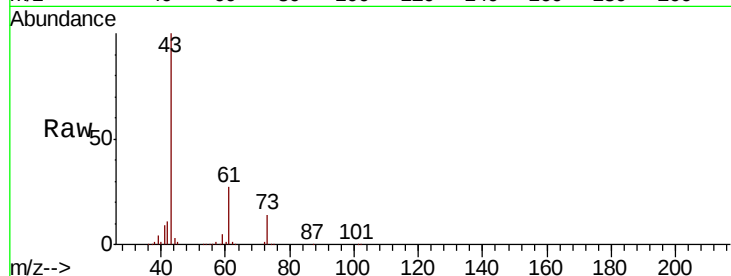




#48
Methvl methacrylate
Concen: 14.497 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

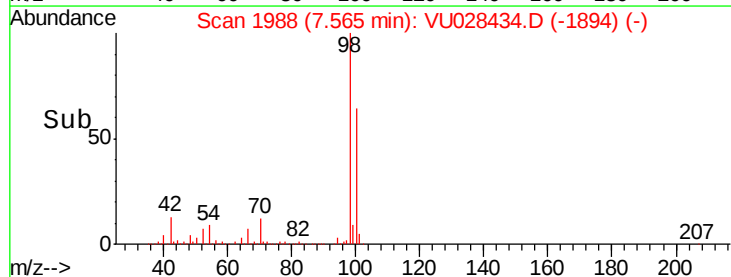
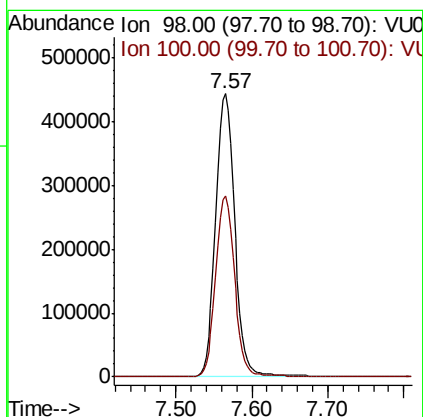
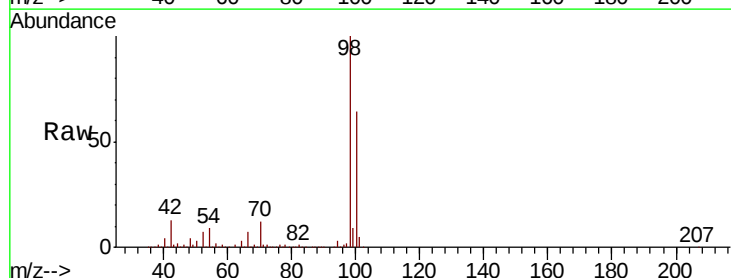
Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

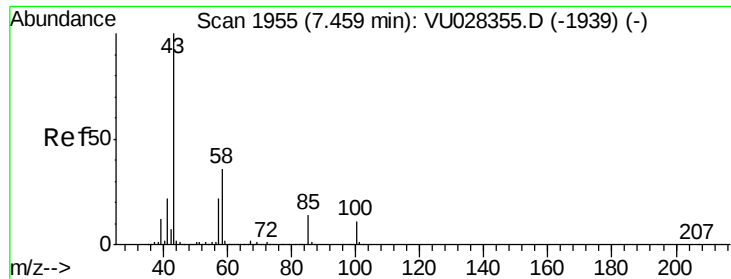
Tot Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	46.9	40.5	60.7



#50
Toluene-d8
Concen: 49.871 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.8	76.2

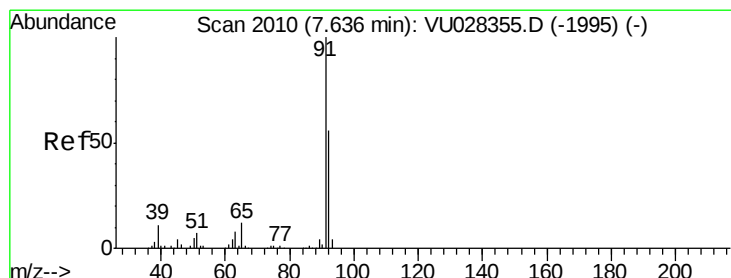
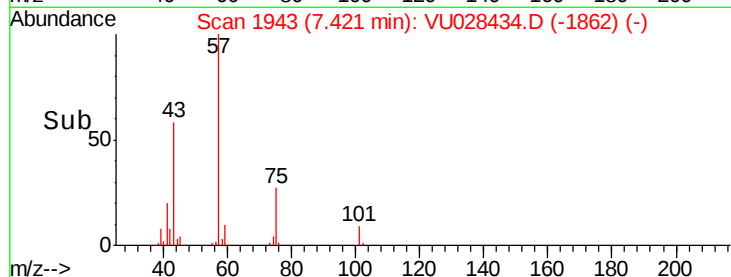
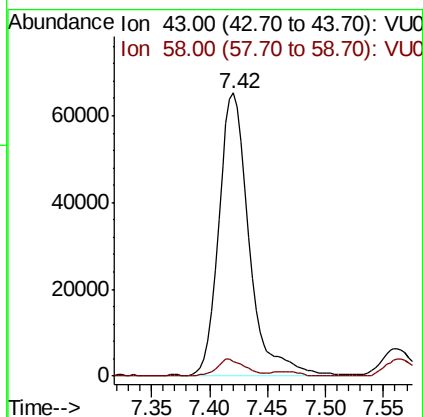
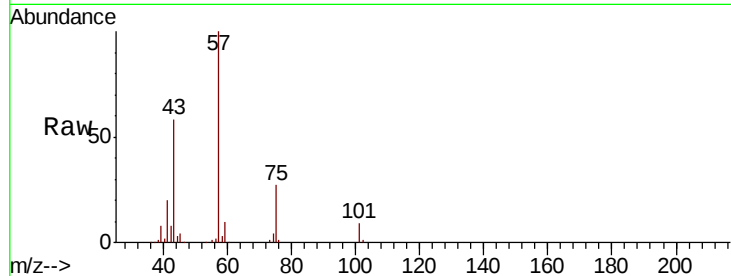




#51
 4-Methyl-2-Pentanone
 Concen: 13.353 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU028434.D
 Acq: 03 Dec 2018 12:26

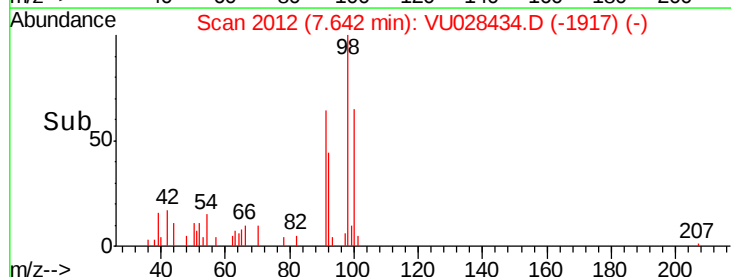
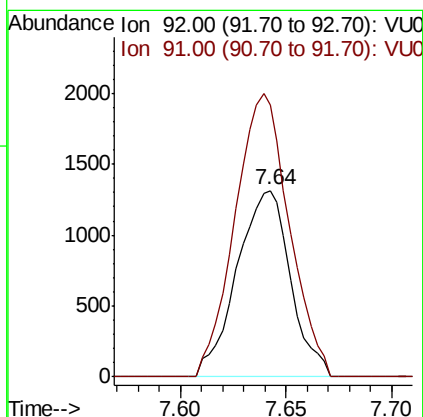
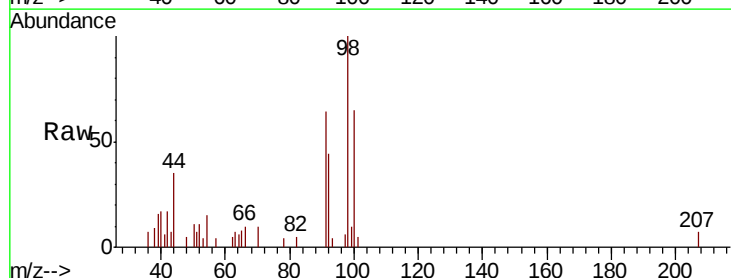
Instrument :
 MSVOA_U
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

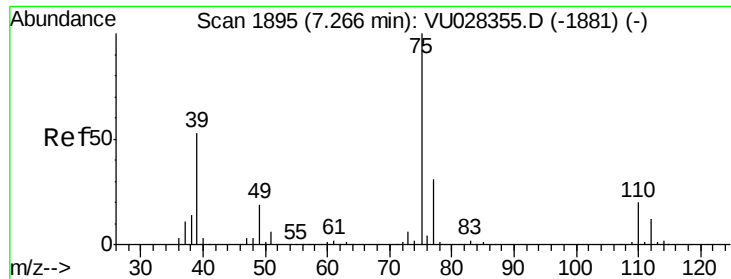
Tot Ion: 43 Resp: 118166
 Ion Ratio Lower Upper
 43 100
 58 5.7 28.8 43.2#



#52
 Toluene
 Concen: 0.212 ug/l
 RT: 7.64 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: VU028434.D
 Acq: 03 Dec 2018 12:26

Tgt Ion: 92 Resp: 2319
 Ion Ratio Lower Upper
 92 100
 91 153.7 141.8 212.6



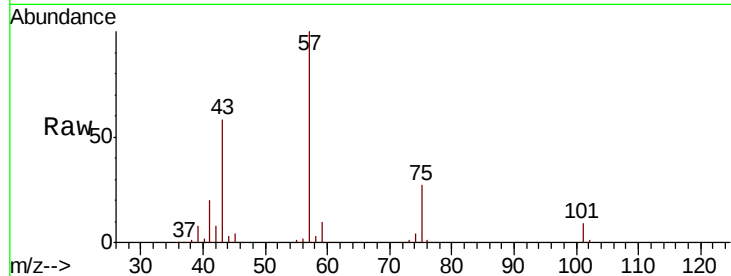


#54

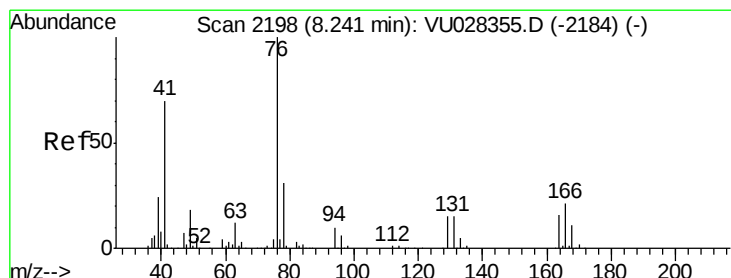
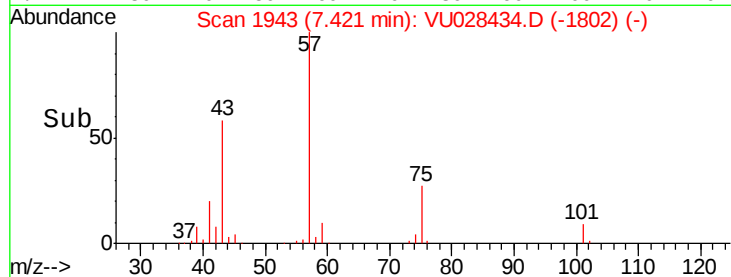
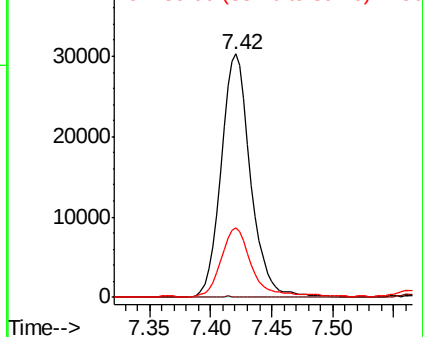
cis-1,3-Dichloropropene
Concen: 6.292 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. 0.15 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tot Ion: 75 Resp: 51252
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 28.4 42.6 64.0#



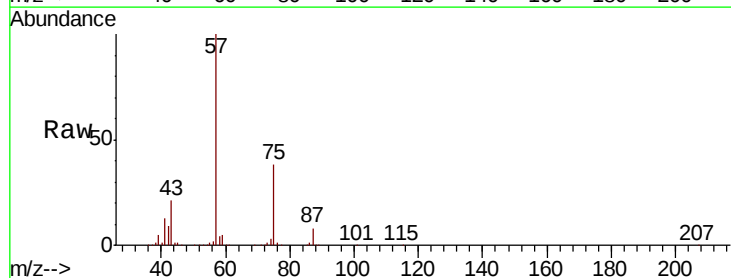
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0
Ion 39.00 (38.70 to 39.70): VU0



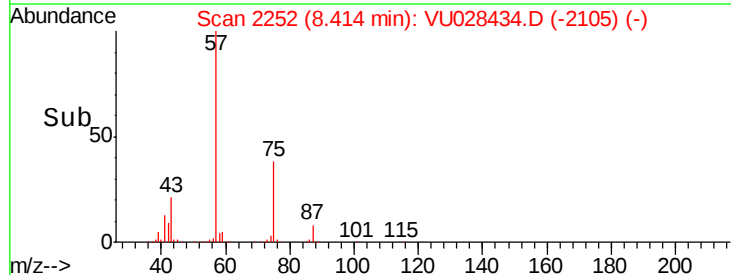
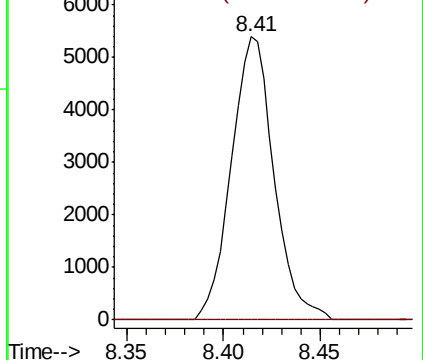
#57

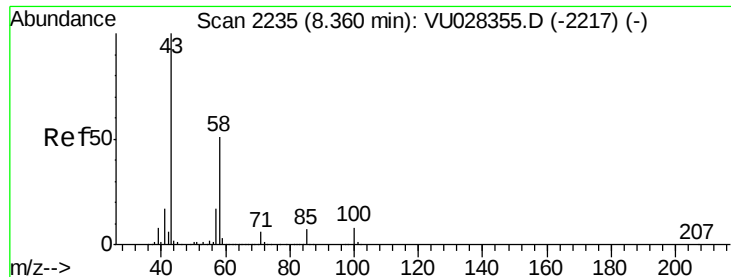
1,3-Dichloropropane
Concen: 0.989 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion: 76 Resp: 8260
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0

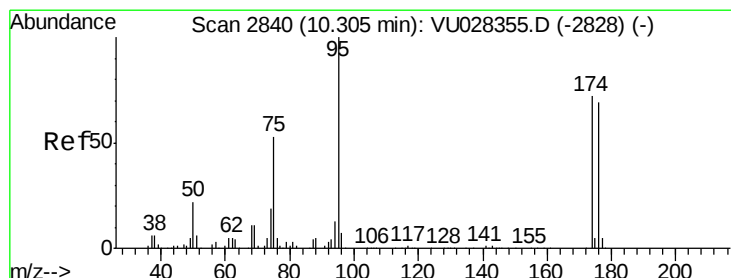
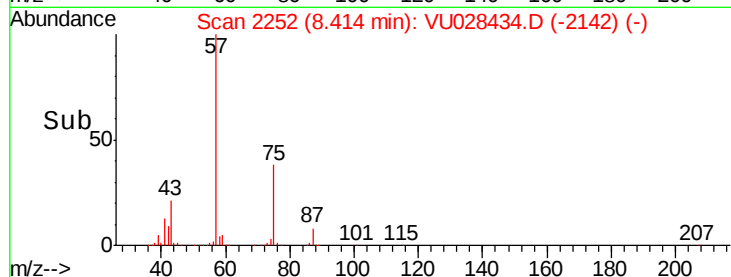
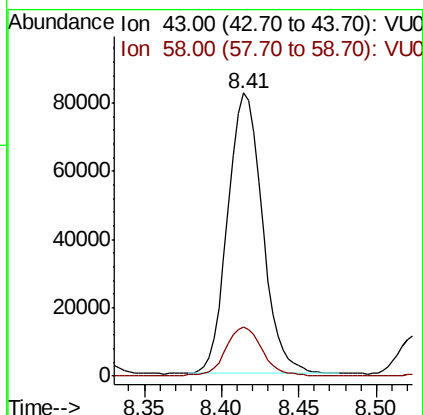
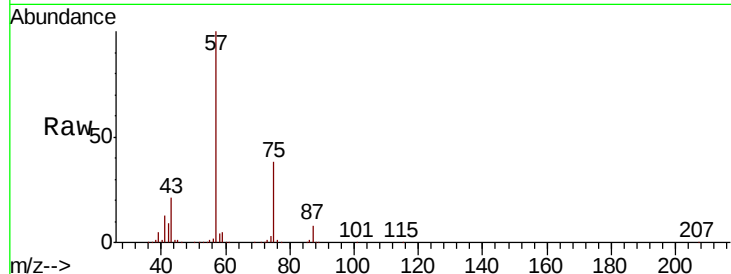




#59
2-Hexanone
Concen: 18.731 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

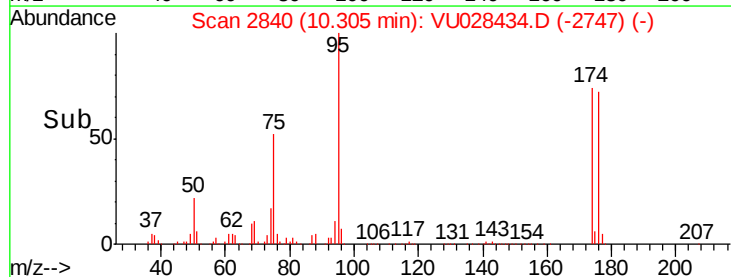
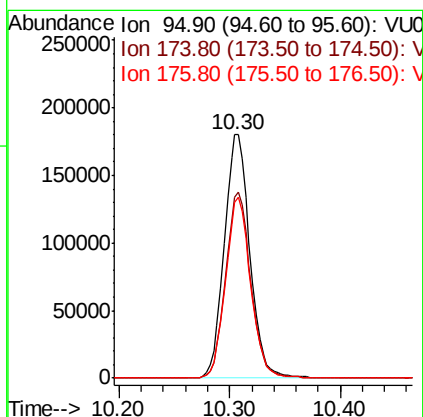
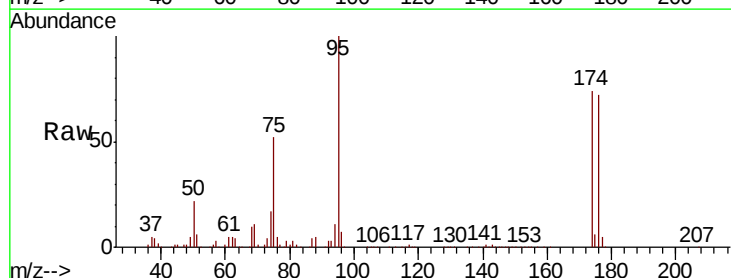
Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

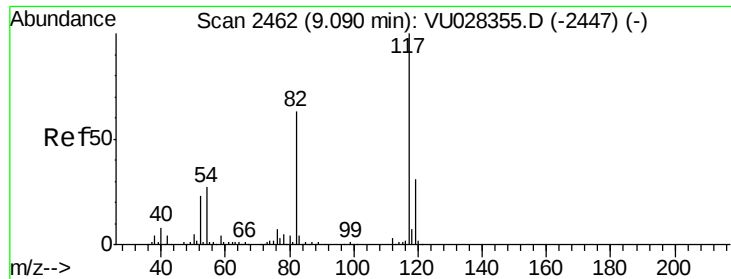
Tot Ion: 43 Resp: 128398
Ion Ratio Lower Upper
43 100
58 18.6 25.5 76.5#



#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion: 95 Resp: 289622
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.4
176 72.9 0.0 140.8

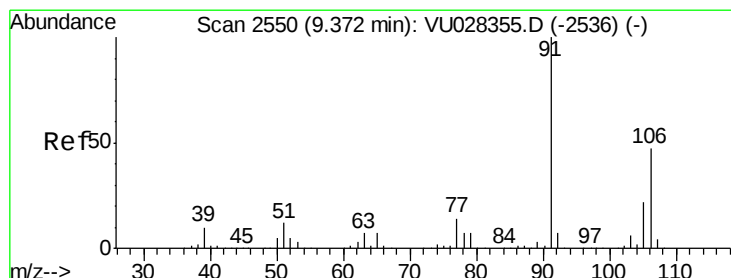
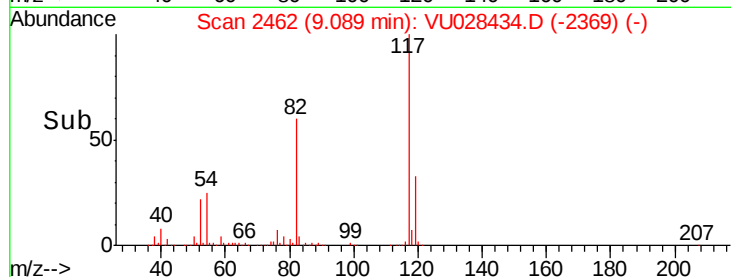
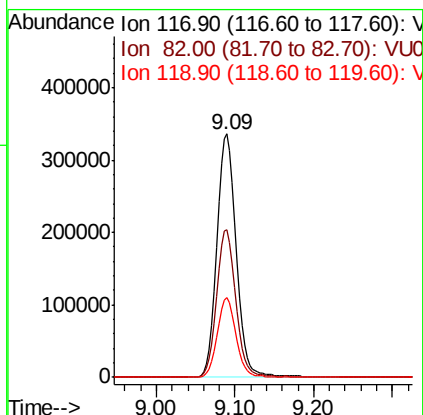
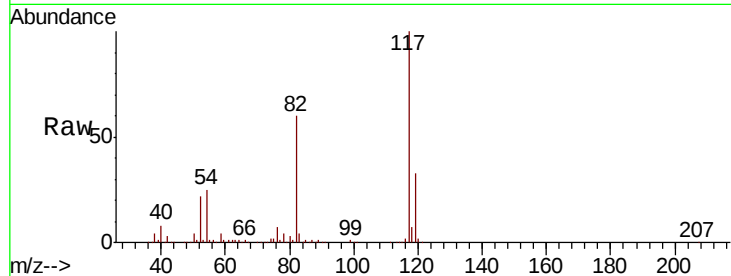




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

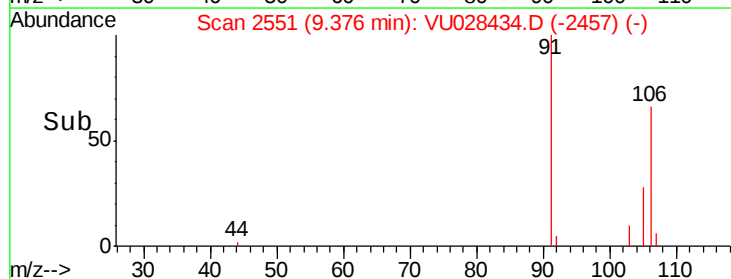
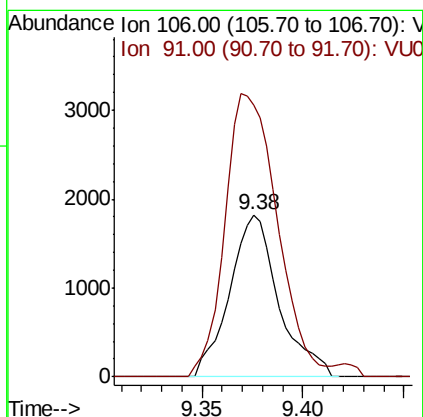
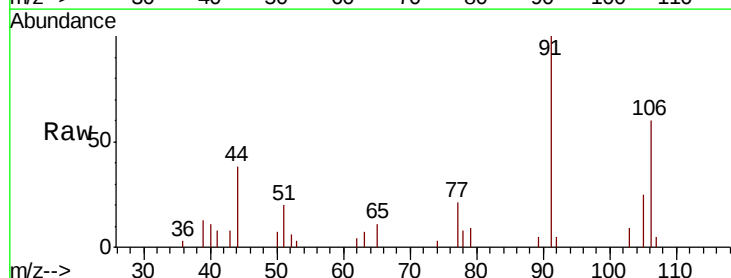
Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

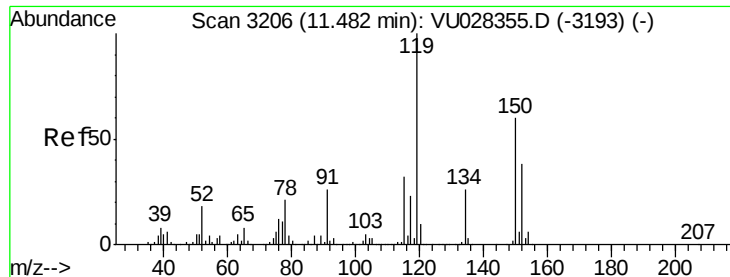
Tot Ion:117 Resp: 568590
Ion Ratio Lower Upper
117 100
82 60.5 50.3 75.5
119 32.7 24.8 37.2



#68
m/p-Xylenes
Concen: 0.387 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion:106 Resp: 3095
Ion Ratio Lower Upper
106 100
91 186.3 171.0 256.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

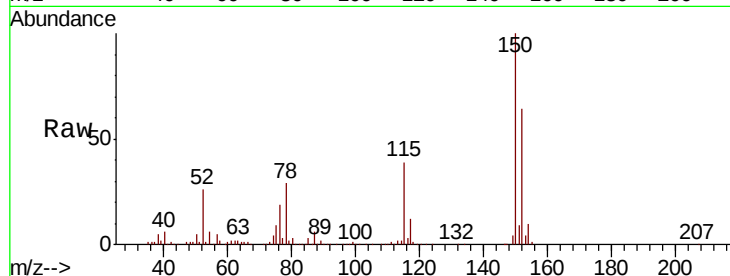
Tot Ion:152 Resp: 272349

Ion Ratio Lower Upper

152 100

115 60.9 45.0 134.8

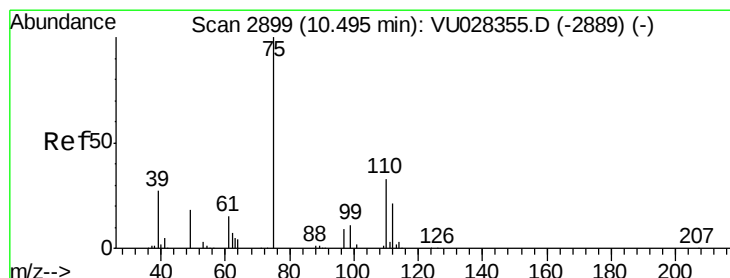
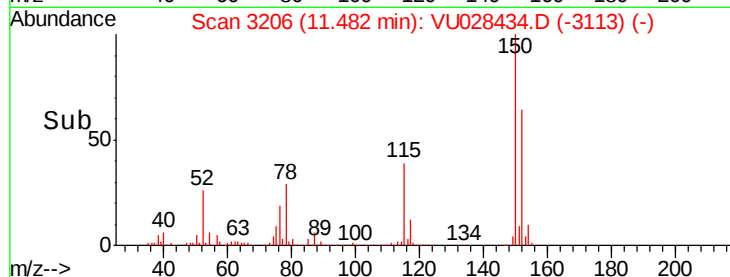
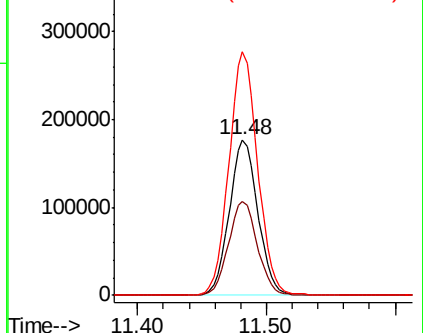
150 156.6 0.0 349.2



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: 19.886 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028434.D

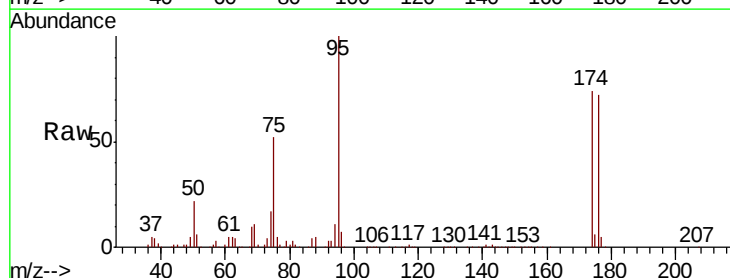
Acq: 03 Dec 2018 12:26

Tgt Ion: 75 Resp: 150191

Ion Ratio Lower Upper

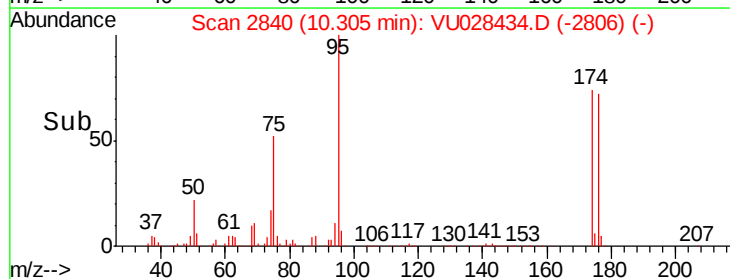
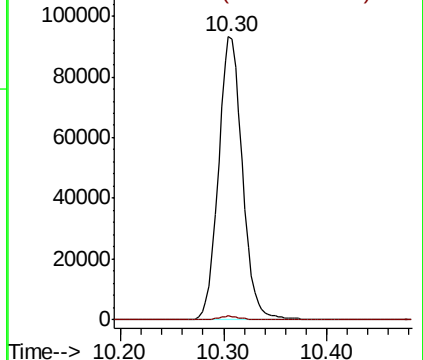
75 100

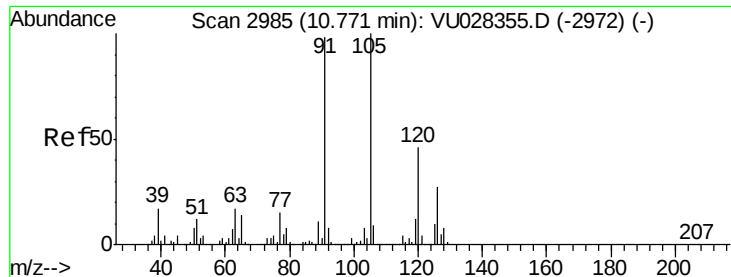
77 1.3 22.4 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.402 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

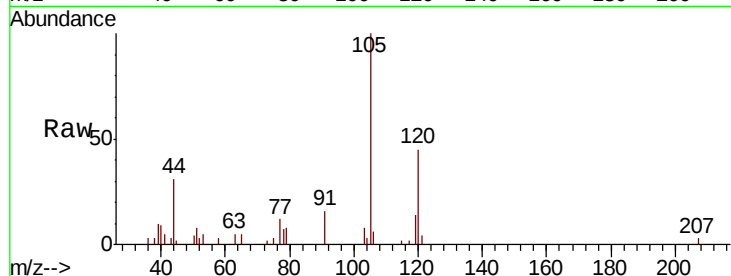
CB-1129-S-TCLP-GRID27

Tot Ion:105 Resp: 7177

Ion Ratio Lower Upper

105 100

120 42.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

5000

4000

3000

2000

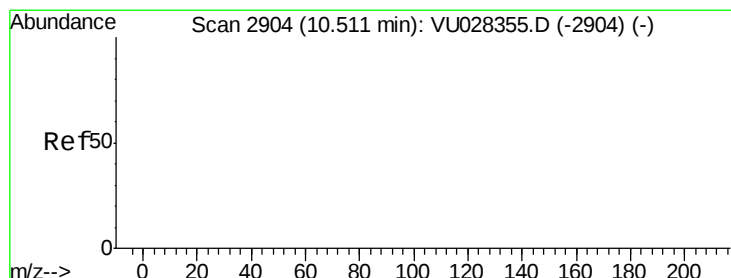
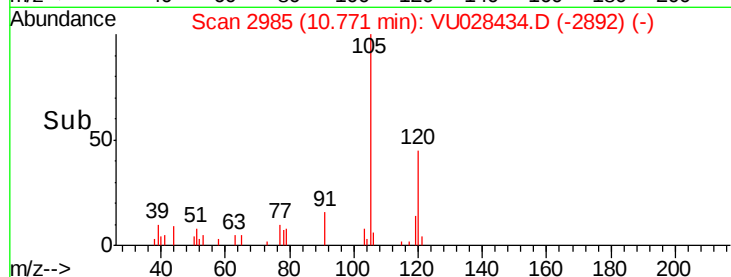
1000

0

10.75

10.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 52.788 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

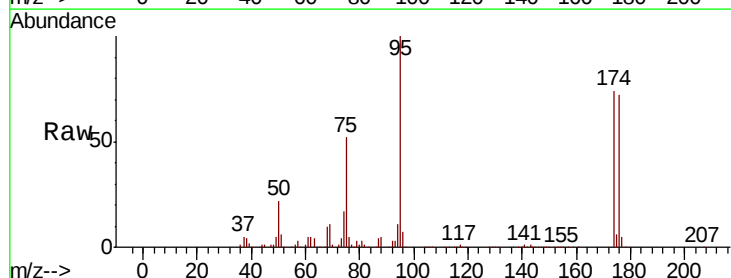
Tgt Ion: 75 Resp: 150191

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

120000

100000

80000

60000

40000

20000

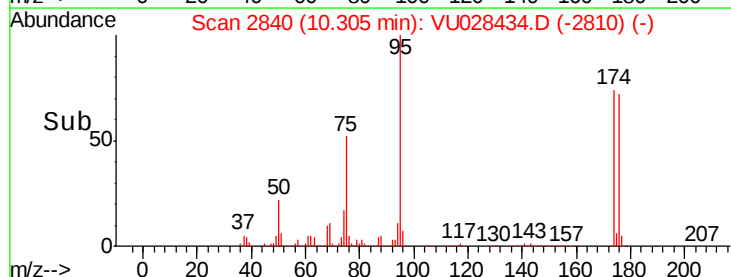
0

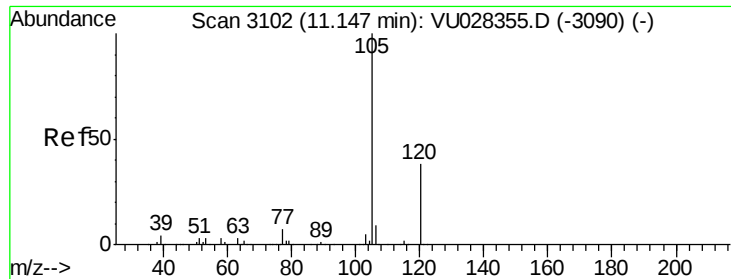
10.20

10.30

10.40

Time-->

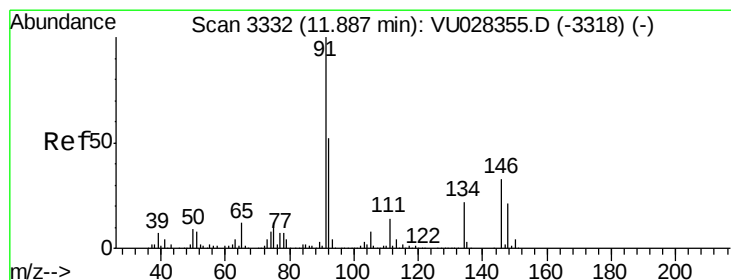
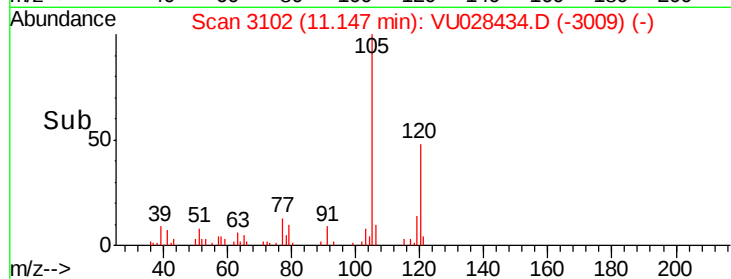
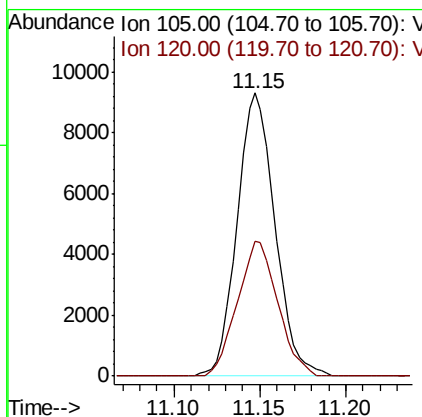
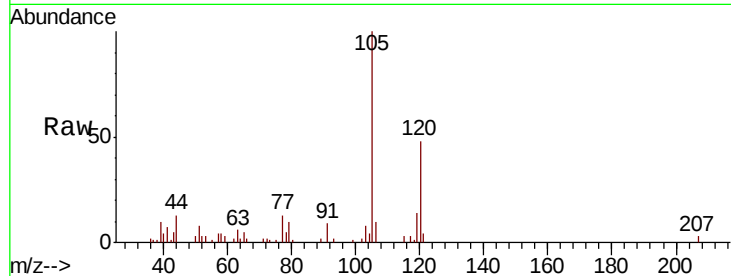




#84
 1,2,4-Trimethylbenzene
 Concen: 0.786 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028434.D
 Acq: 03 Dec 2018 12:26

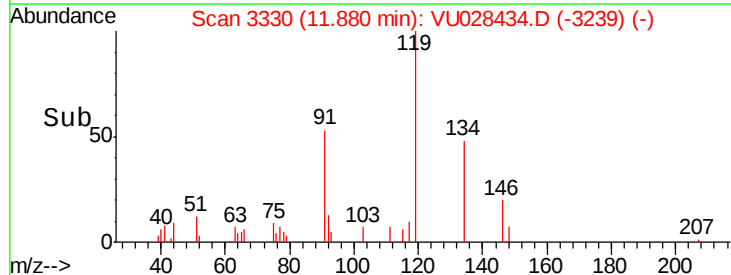
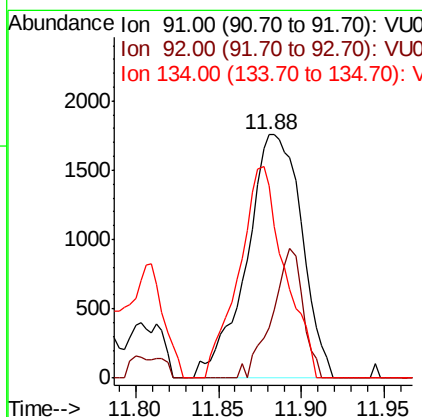
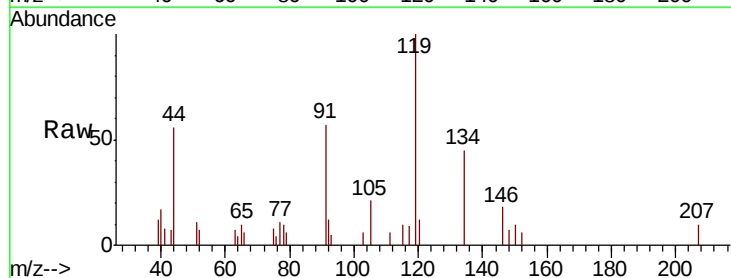
Instrument :
 MSVOA_U
 ClientSampleID :
 CB-1129-S-TCLP-GRID27

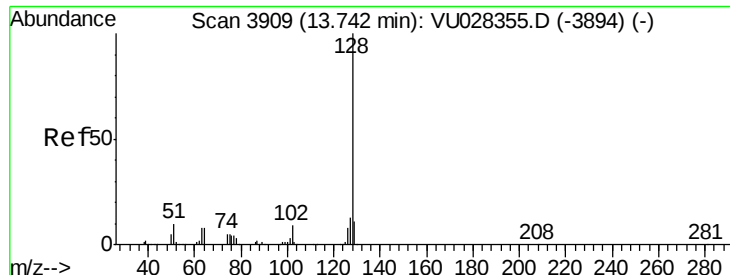
Tot Ion:105 Resp: 14202
 Ion Ratio Lower Upper
 105 100
 120 50.7 21.4 64.3



#89
 n-Butylbenzene
 Concen: 0.231 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.01 min
 Lab File: VU028434.D
 Acq: 03 Dec 2018 12:26

Tgt Ion: 91 Resp: 4044
 Ion Ratio Lower Upper
 91 100
 92 29.6 26.2 78.5
 134 72.2 11.1 33.1#





#95

Naphthalene

Concen: 4.396 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

Tot Ion:128 Resp: 37920

Ion Ratio Lower Upper

128 100

127 11.9 10.6 15.8

129 10.5 8.6 12.8

