

Data File : VU033969.D
Acq On : 27 Aug 2019 00:36
Operator : JC/SP
Sample : K4537-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-14

Quant Time: Aug 27 08:03:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 27 06:58:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	417575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	672804	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	596344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	263033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.28	65	300755	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	4.86	113	226230	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	7.54	98	862450	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	10.29	95	268737	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	

Target Compounds

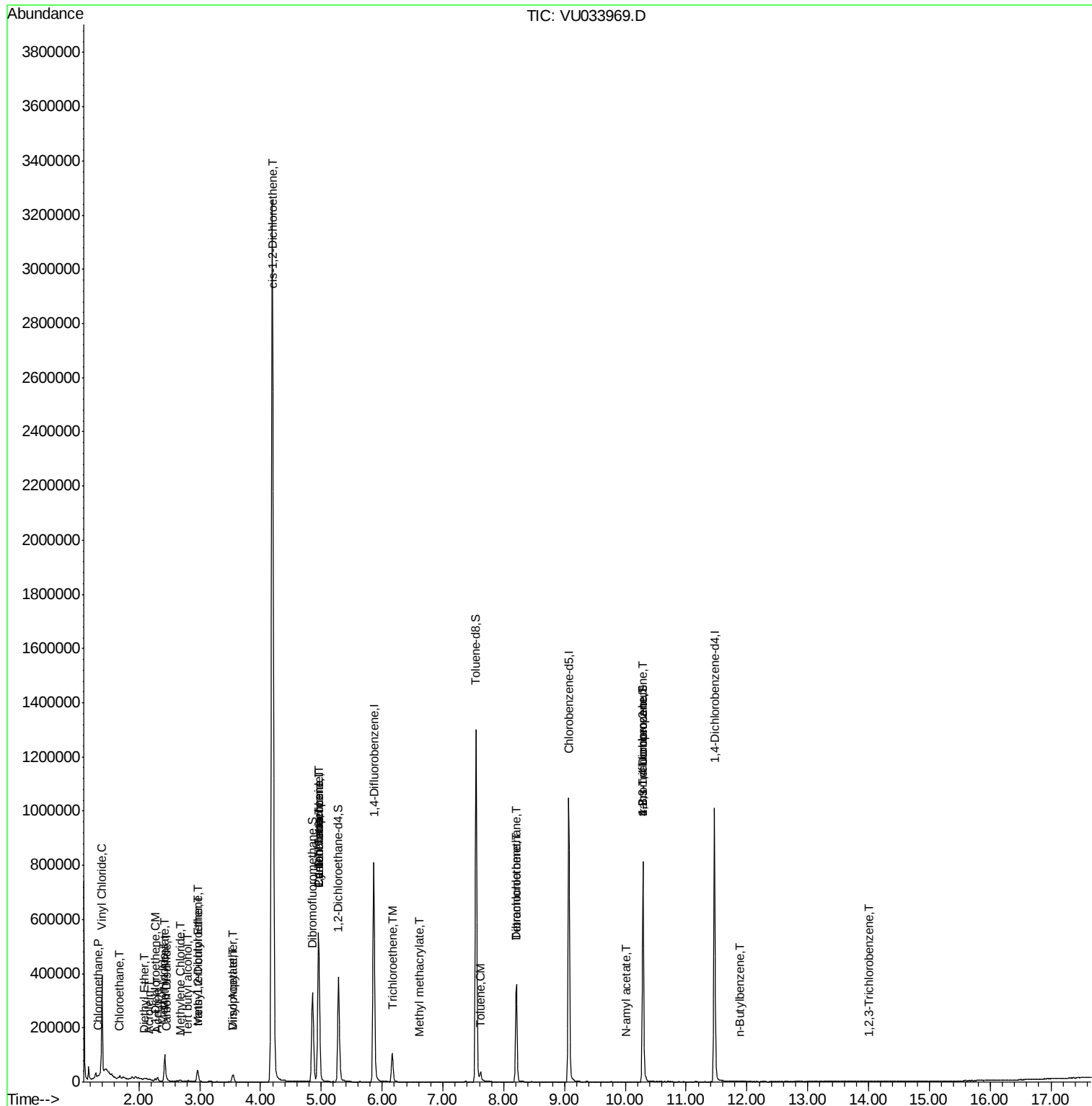
						Qvalue
3) Chloromethane	1.32	50	3202	0.531	ug/l	97
4) Vinyl Chloride	1.39	62	216477	32.904	ug/l	97
5) Bromomethane	1.61	94	1389	Below Cal		90
6) Chloroethane	1.68	64	6420	1.548	ug/l	93
8) Diethyl Ether	2.09	74	1475	0.438	ug/l	69
10) Methyl Iodide	2.40	142	309	5.286	ug/l #	41
11) Tert butyl alcohol	2.81	59	5535	4.413	ug/l #	93
12) 1,1-Dichloroethene	2.26	96	3166	0.683	ug/l	84
13) Acrolein	2.18	56	194	0.260	ug/l #	1
16) Acetone	2.31	43	14872	4.164	ug/l	96
17) Carbon Disulfide	2.46	76	5200	0.338	ug/l #	91
18) Methyl Acetate	2.42	43	26907	3.376	ug/l #	53
19) Methyl tert-butyl Ether	2.98	73	9226	0.622	ug/l	95
20) Methylene Chloride	2.68	84	2076	0.362	ug/l	90
21) trans-1,2-Dichloroethene	2.96	96	15071	2.949	ug/l	94
22) Diisopropyl ether	3.54	45	24653	1.531	ug/l	93
23) Vinyl Acetate	3.55	43	13794	1.034	ug/l #	72
27) cis-1,2-Dichloroethene	4.20	96	1807738	329.844	ug/l	89
31) Cyclohexane	4.96	56	9722	1.115	ug/l #	1
36) 1,1-Dichloropropene	4.95	75	34212	4.925	ug/l #	50
38) Carbon Tetrachloride	4.95	117	40011	5.784	ug/l #	16
44) Trichloroethene	6.16	130	37336	6.988	ug/l	100
48) Methyl methacrylate	6.62	41	19	2.315	ug/l #	14
52) Toluene	7.62	92	12775	1.066	ug/l	95
60) Dibromochloromethane	8.21	129	78378	14.238	ug/l #	10
64) Tetrachloroethene	8.21	164	86644	20.264	ug/l	97
74) N-amyl acetate	10.02	43	77	3.598	ug/l #	42
76) 1,2,3-Trichloropropane	10.29	75	138964	22.836	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	138964	60.892	ug/l #	100
89) n-Butylbenzene	11.88	91	126	2.680	ug/l #	33
96) 1,2,3-Trichlorobenzene	14.01	180	20	3.030	ug/l #	11

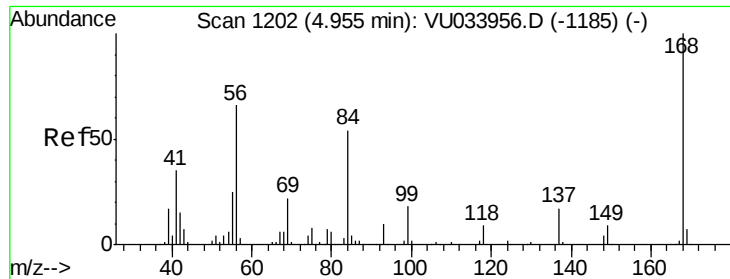
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

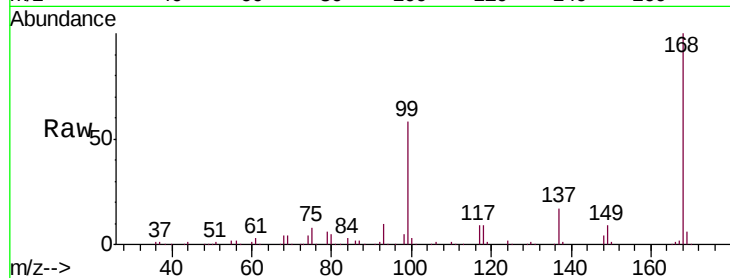
MW-14

Tgt Ion:168 Resp: 417575

Ion Ratio Lower Upper

168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)

4.95

200000

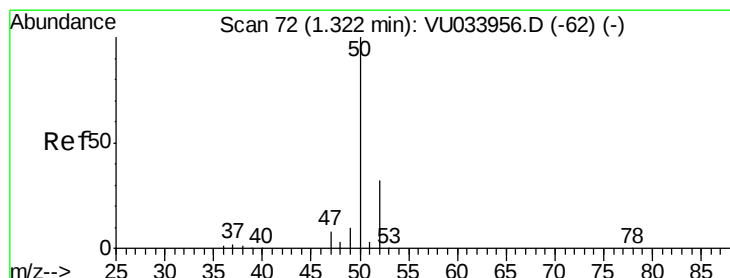
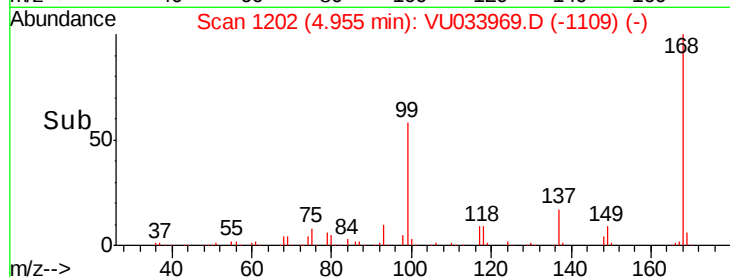
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.531 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033969.D

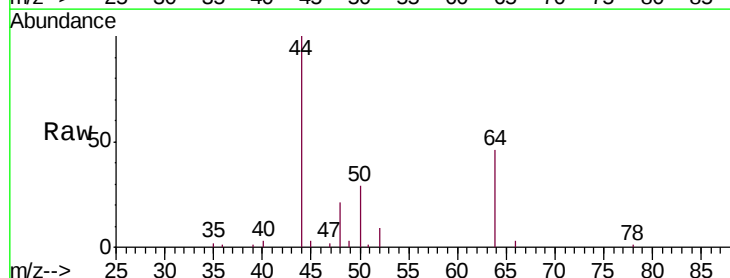
Acq: 27 Aug 2019 00:36

Tgt Ion: 50 Resp: 3202

Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU033956.D (-62) (-)

Ion 51.90 (51.60 to 52.60): VU033956.D (-62) (-)

1.32

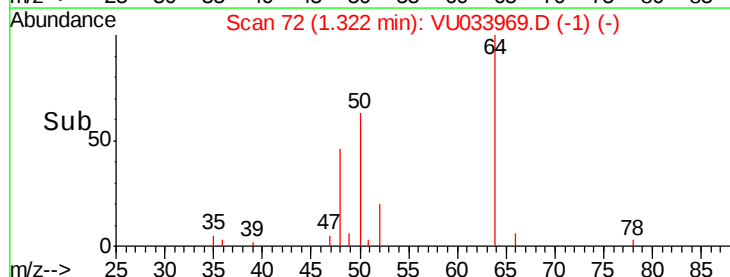
3000

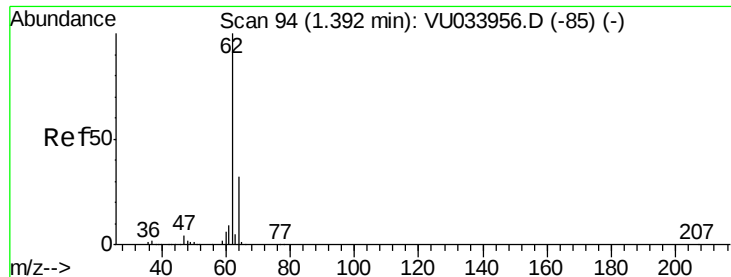
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 32.904 ug/l

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

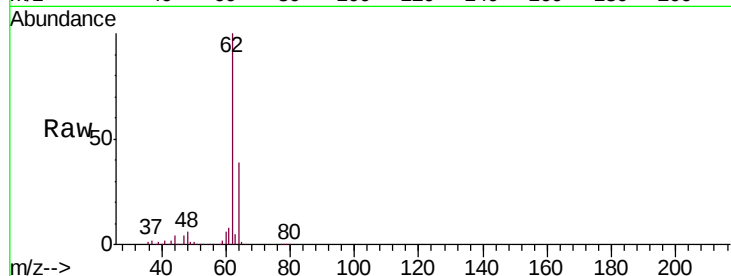
MW-14

Tgt Ion: 62 Resp: 216477

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VU033956.D (-85) (-)

Ion 63.90 (63.60 to 64.60): VU033956.D (-85) (-)

1.39

200000

150000

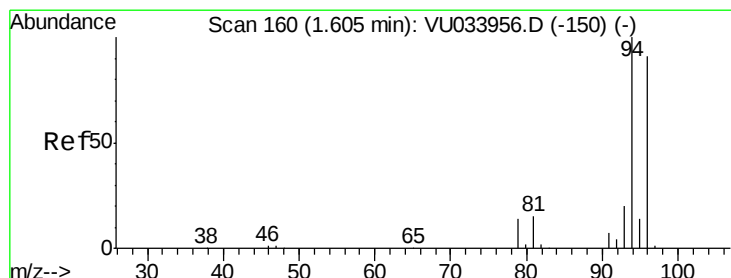
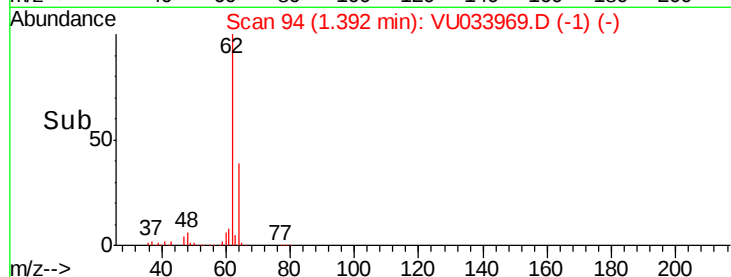
100000

50000

0

1.35 1.40 1.45

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 163

Delta R.T. 0.01 min

Lab File: VU033969.D

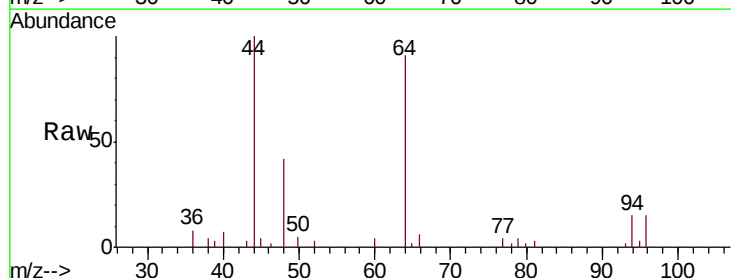
Acq: 27 Aug 2019 00:36

Tgt Ion: 94 Resp: 1389

Ion Ratio Lower Upper

94 100

96 100.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU033956.D (-150) (-)

Ion 95.90 (95.60 to 96.60): VU033956.D (-150) (-)

1.61

800

600

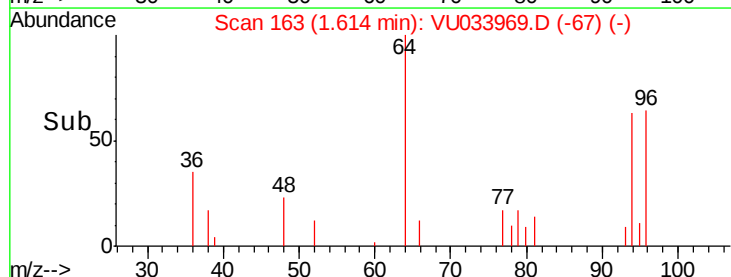
400

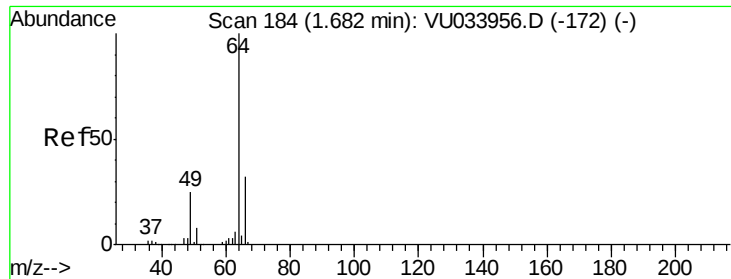
200

0

1.60 1.65

Time-->





#6

Chloroethane

Concen: 1.548 ug/l

RT: 1.68 min Scan# 185

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

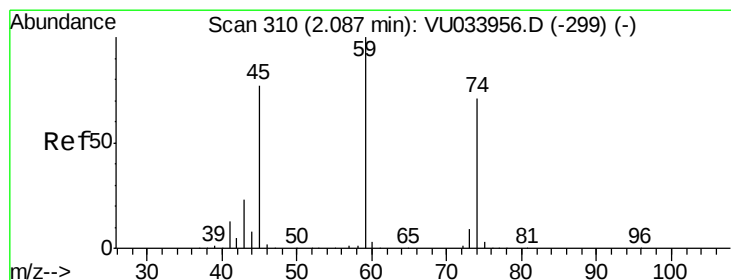
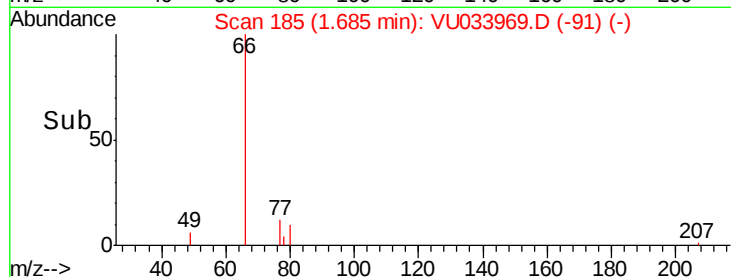
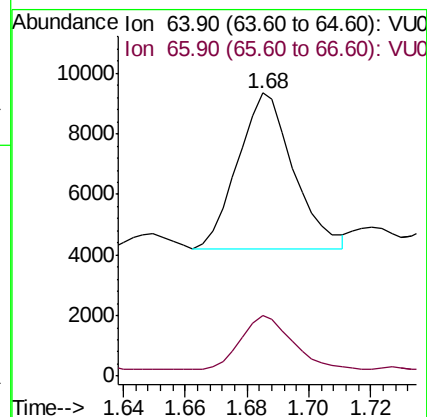
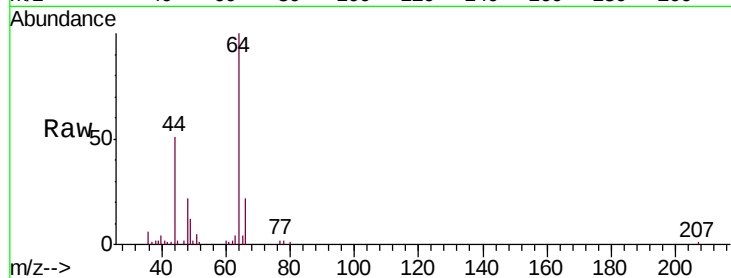
MW-14

Tgt Ion: 64 Resp: 6420

Ion Ratio Lower Upper

64 100

66 35.0 25.1 37.7



#8

Diethyl Ether

Concen: 0.438 ug/l

RT: 2.09 min Scan# 310

Delta R.T. 0.00 min

Lab File: VU033969.D

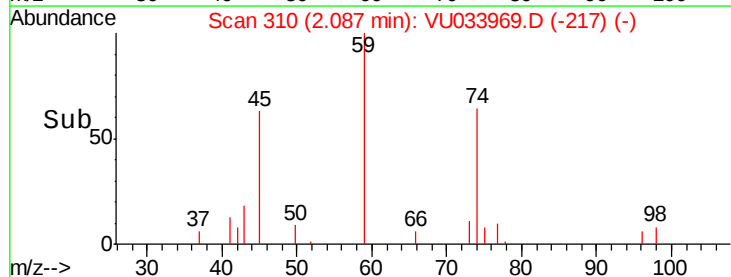
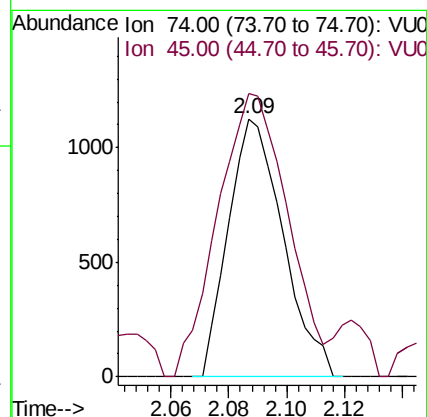
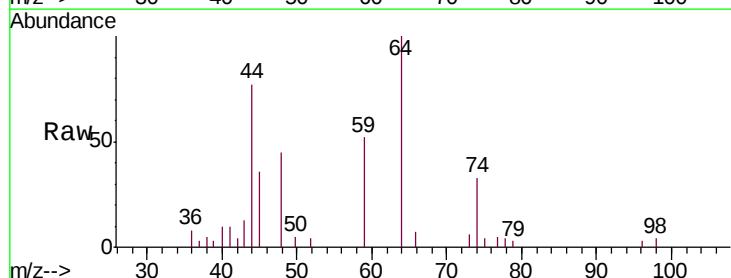
Acq: 27 Aug 2019 00:36

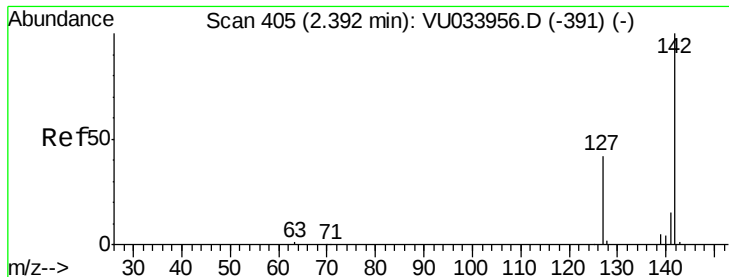
Tgt Ion: 74 Resp: 1475

Ion Ratio Lower Upper

74 100

45 140.3 53.9 161.7

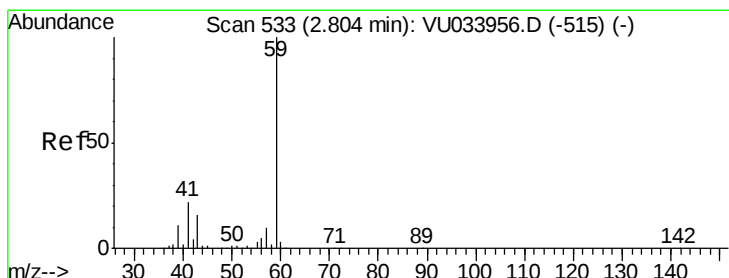
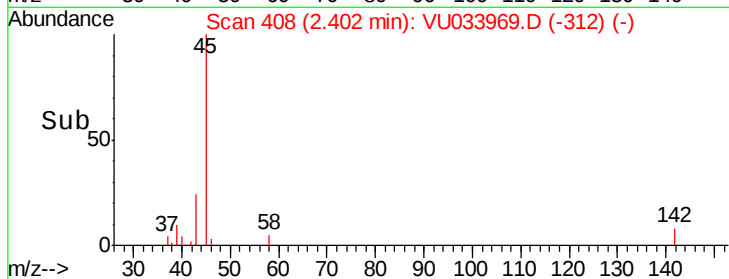
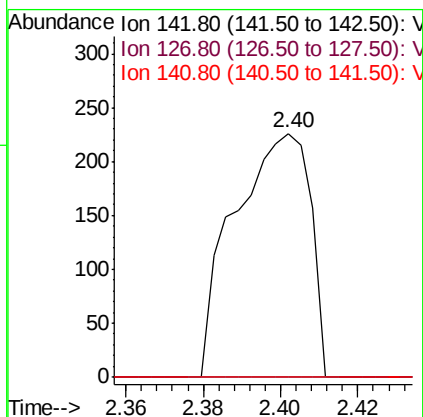
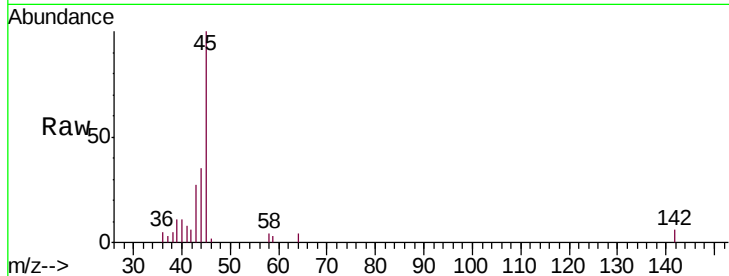




#10
Methyl Iodide
Concen: 5.286 ug/l
RT: 2.40 min Scan# 408
Delta R.T. 0.01 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

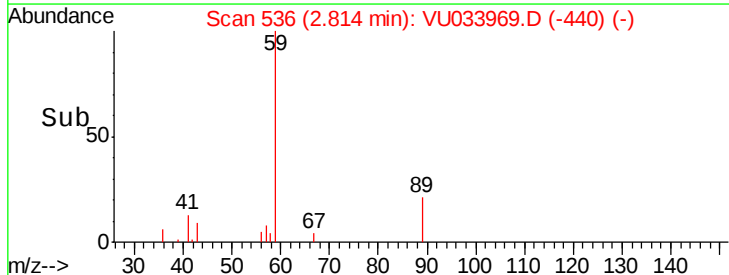
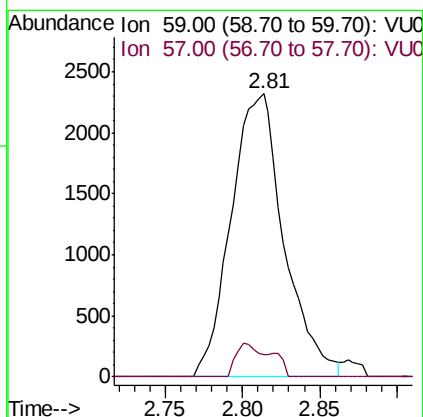
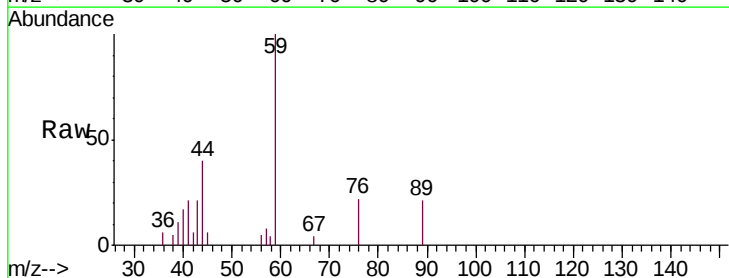
Instrument :
MSVOA_U
ClientSampleId :
MW-14

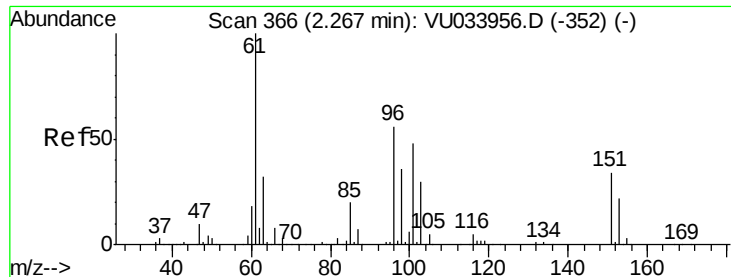
Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 0.0 34.3 51.5#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 4.413 ug/l
RT: 2.81 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 59 Resp: 5535
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.2#

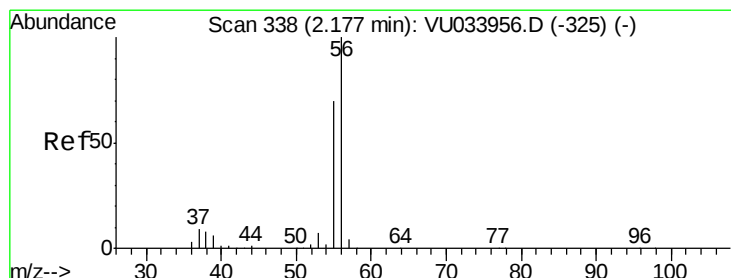
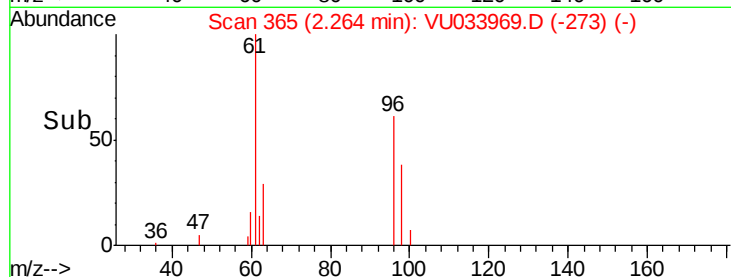
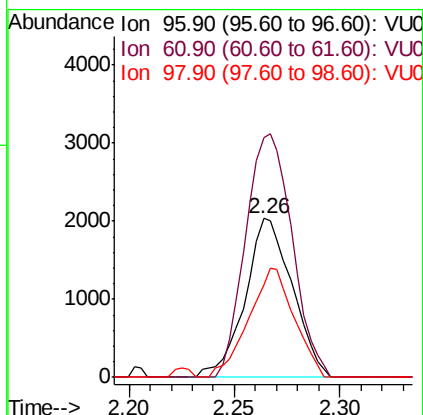
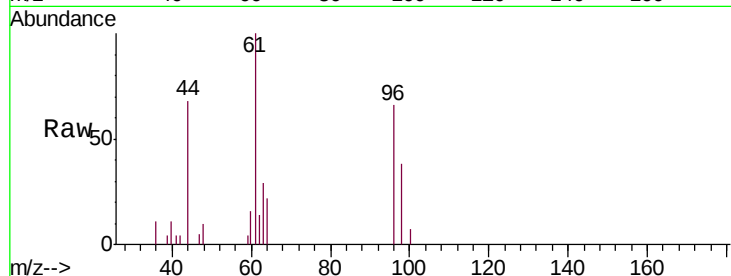




#12
 1,1-Dichloroethene
 Concen: 0.683 ug/l
 RT: 2.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VU033969.D
 Acq: 27 Aug 2019 00:36

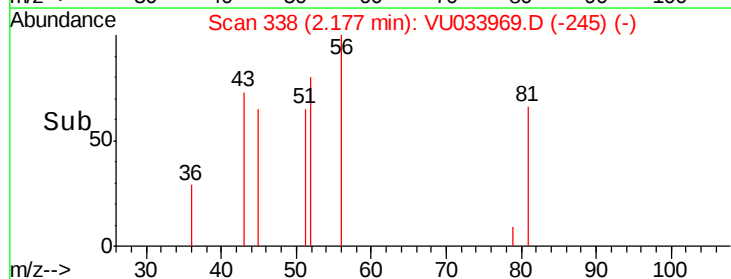
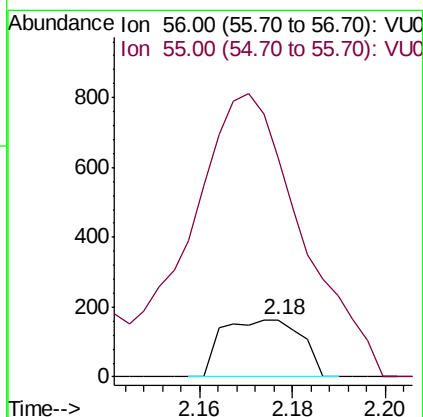
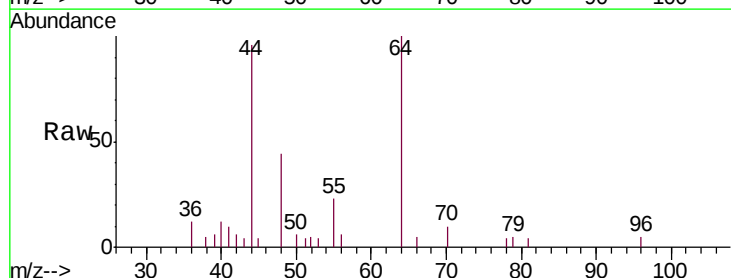
Instrument :
 MSVOA_U
 ClientSampled :
 MW-14

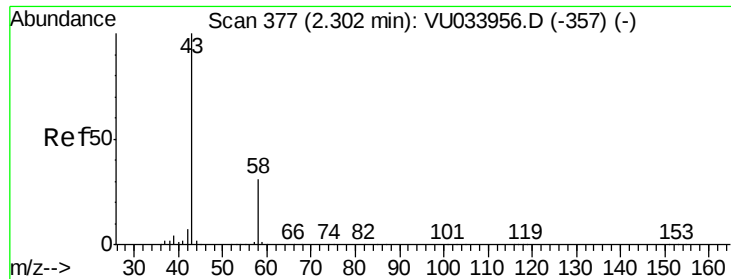
Tgt Ion: 96 Resp: 3166
 Ion Ratio Lower Upper
 96 100
 61 151.3 142.3 213.5
 98 58.1 51.0 76.6



#13
 Acrolein
 Concen: 0.260 ug/l
 RT: 2.18 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: VU033969.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 56 Resp: 194
 Ion Ratio Lower Upper
 56 100
 55 693.8 56.3 84.5#





#16

Acetone

Concen: 4.164 ug/l

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

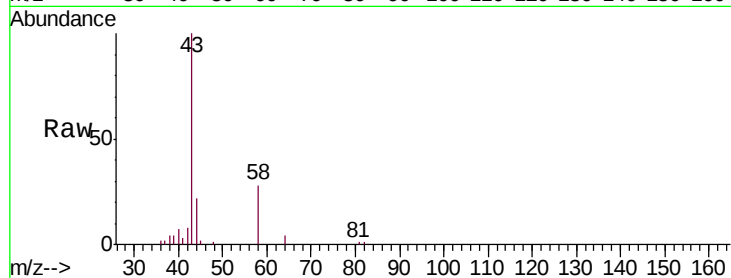
MW-14

Tgt Ion: 43 Resp: 14872

Ion Ratio Lower Upper

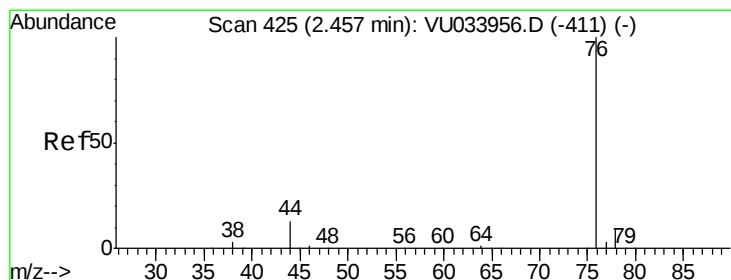
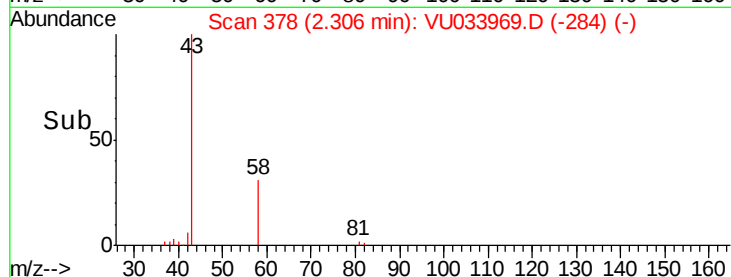
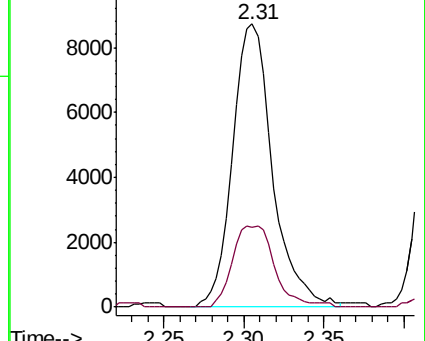
43 100

58 28.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033956.D (-357) (-)



#17

Carbon Disulfide

Concen: 0.338 ug/l

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VU033969.D

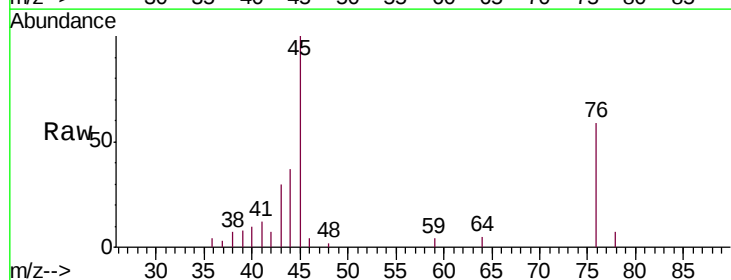
Acq: 27 Aug 2019 00:36

Tgt Ion: 76 Resp: 5200

Ion Ratio Lower Upper

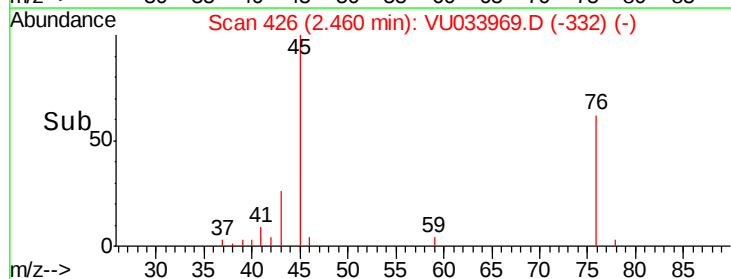
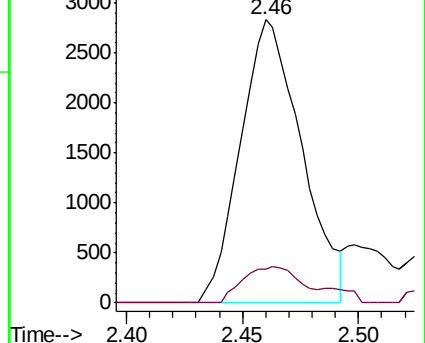
76 100

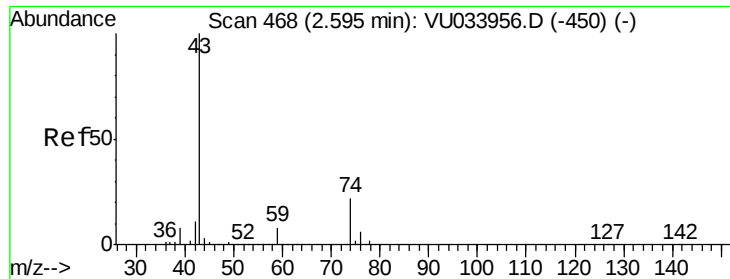
78 12.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VU033956.D (-411) (-)

Ion 77.90 (77.60 to 78.60): VU033956.D (-411) (-)

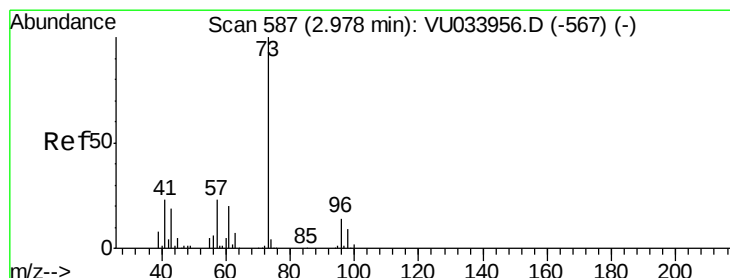
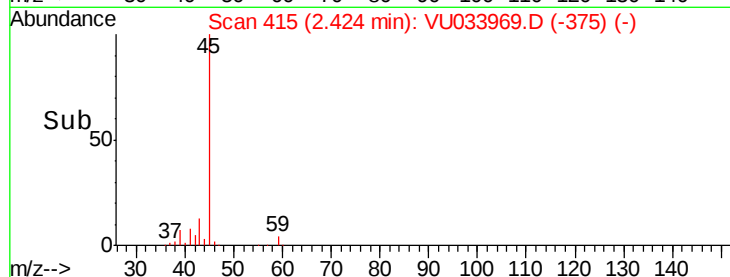
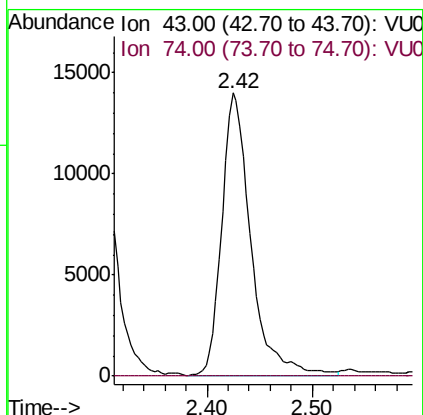
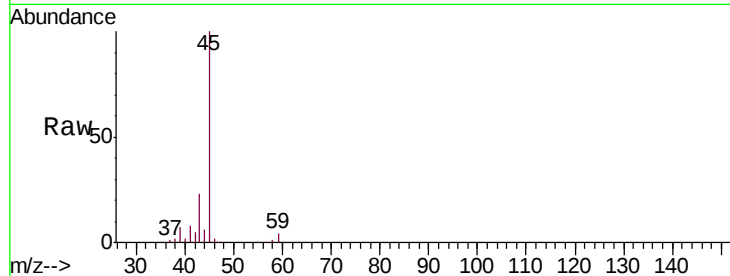




#18
Methyl Acetate
Concen: 3.376 ug/l
RT: 2.42 min Scan# 415
Delta R.T. -0.17 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

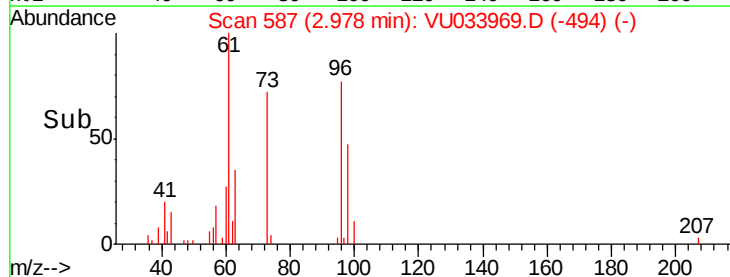
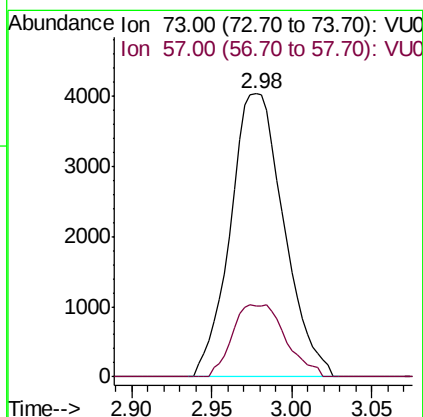
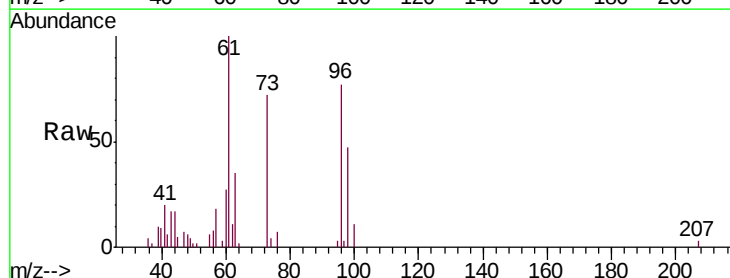
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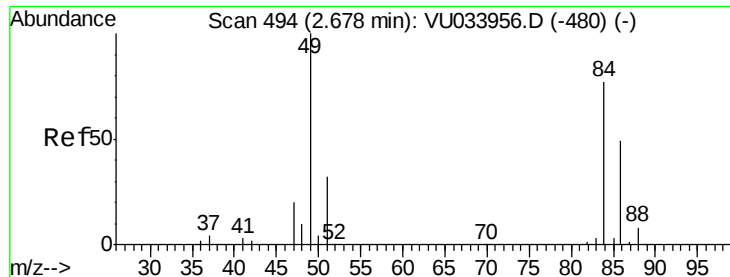
Tgt Ion: 43 Resp: 26907
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#19
Methyl tert-butyl Ether
Concen: 0.622 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 73 Resp: 9226
Ion Ratio Lower Upper
73 100
57 25.2 18.3 27.5

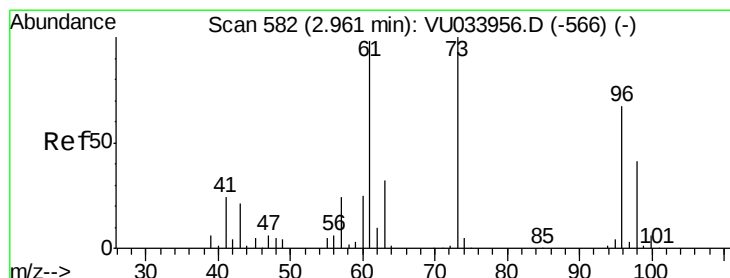
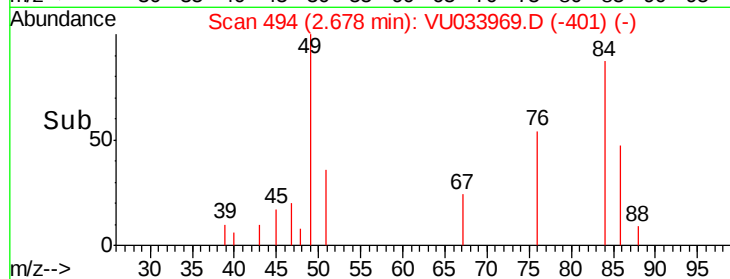
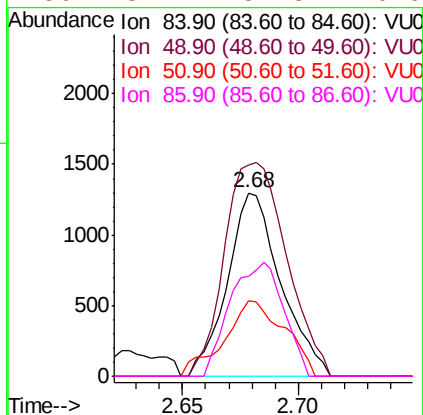
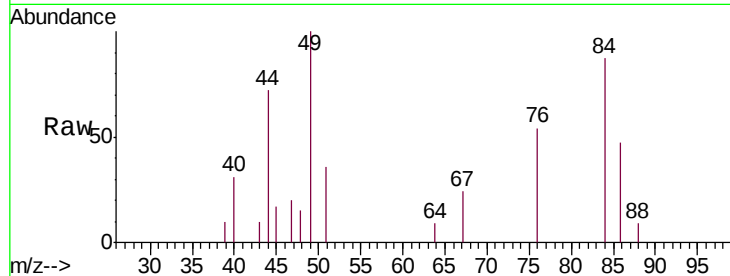




#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 2.68 min Scan# 494
Delta R.T. 0.00 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

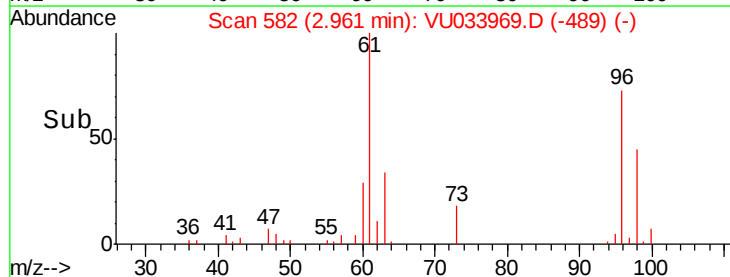
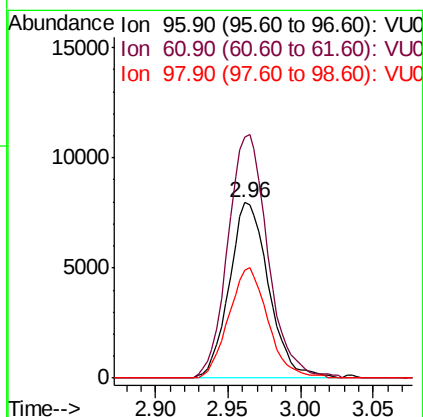
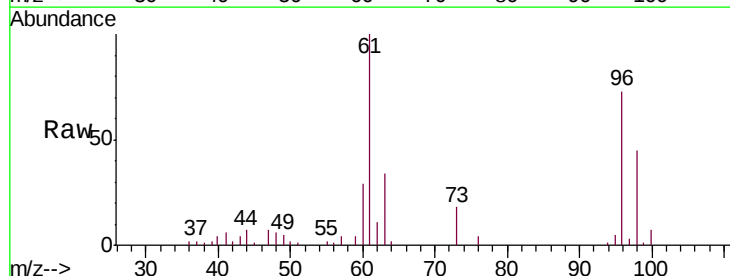
Instrument :
MSVOA_U
ClientSampled :
MW-14

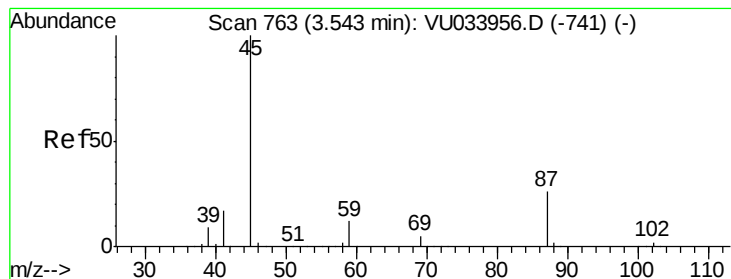
Tgt Ion:	84	Resp:	2076
Ion	Ratio	Lower	Upper
84	100		
49	115.3	104.1	156.1
51	41.5	33.0	49.6
86	54.2	51.3	76.9



#21
trans-1,2-Dichloroethene
Concen: 2.949 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

Tgt Ion:	96	Resp:	15071
Ion	Ratio	Lower	Upper
96	100		
61	137.8	117.8	176.8
98	61.7	49.8	74.8





#22

Diisopropyl ether

Concen: 1.531 ug/l

RT: 3.54 min Scan# 763

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

Tgt Ion: 45 Resp: 24653

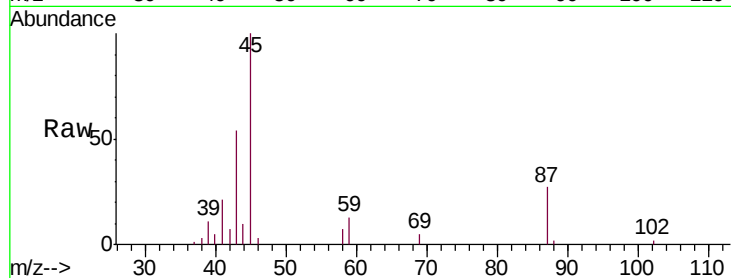
Ion Ratio Lower Upper

45 100

43 54.4 50.6 76.0

87 26.7 21.2 31.8

59 12.6 9.6 14.4

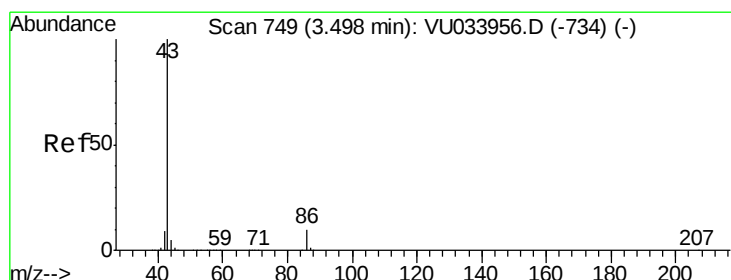
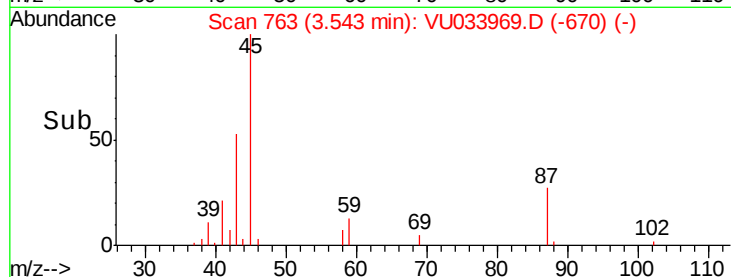
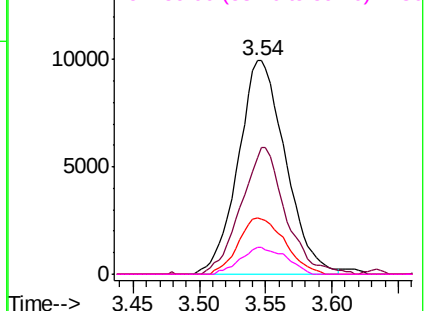


Abundance Ion 45.00 (44.70 to 45.70): VU033969.D (-670) (-)

Ion 43.00 (42.70 to 43.70): VU033969.D (-670) (-)

Ion 87.00 (86.70 to 87.70): VU033969.D (-670) (-)

Ion 59.00 (58.70 to 59.70): VU033969.D (-670) (-)



#23

Vinyl Acetate

Concen: 1.034 ug/l

RT: 3.55 min Scan# 764

Delta R.T. 0.05 min

Lab File: VU033969.D

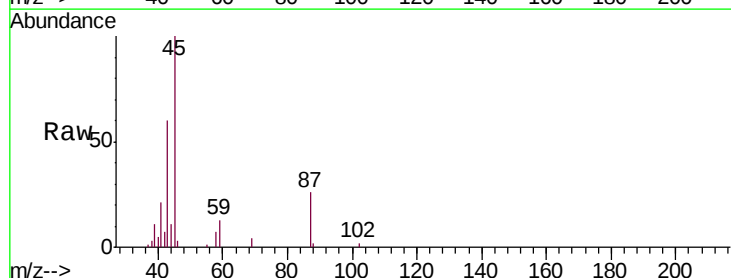
Acq: 27 Aug 2019 00:36

Tgt Ion: 43 Resp: 13794

Ion Ratio Lower Upper

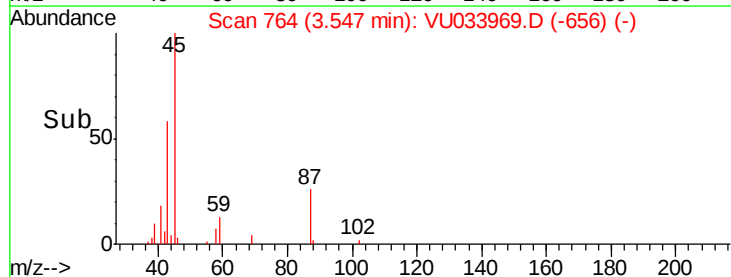
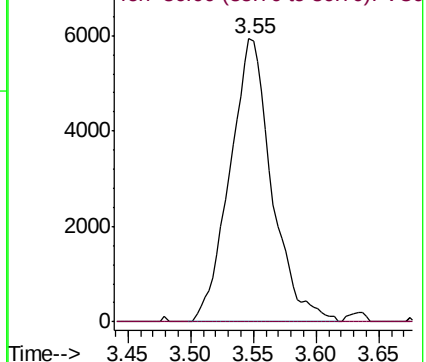
43 100

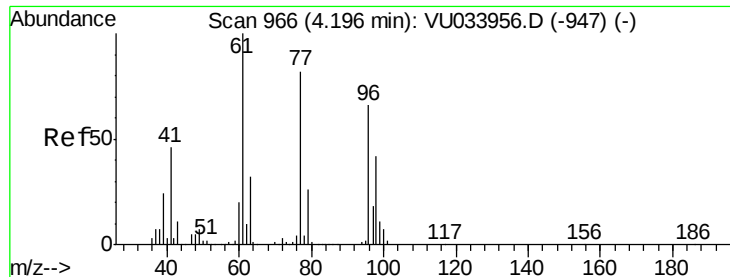
86 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VU033969.D (-656) (-)

Ion 86.00 (85.70 to 86.70): VU033969.D (-656) (-)



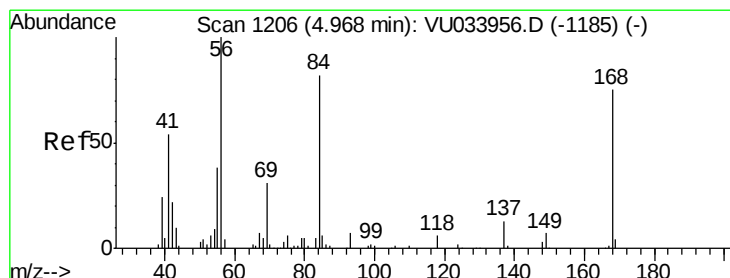
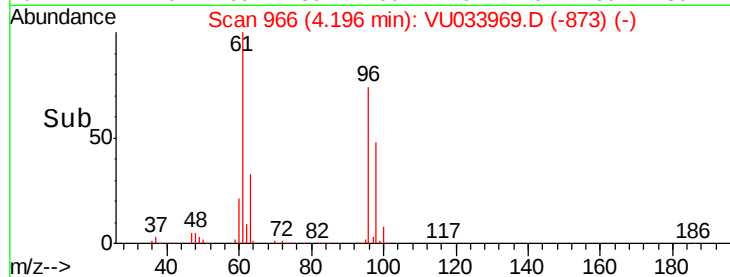
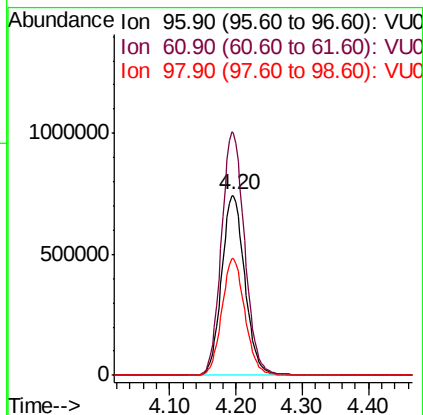
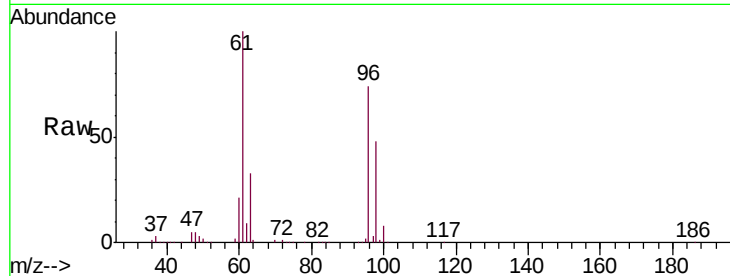


#27

cis-1,2-Dichloroethene
 Concen: 329.844 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033969.D
 Acq: 27 Aug 2019 00:36

Instrument :
 MSVOA_U
 ClientSampled :
 MW-14

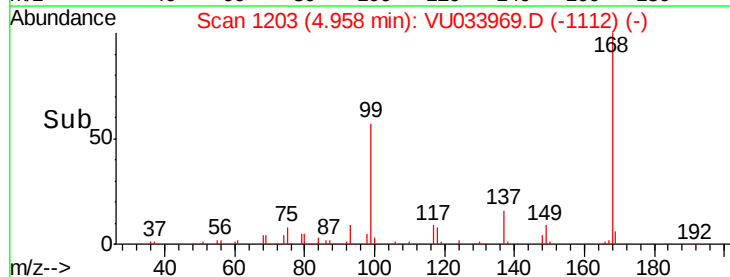
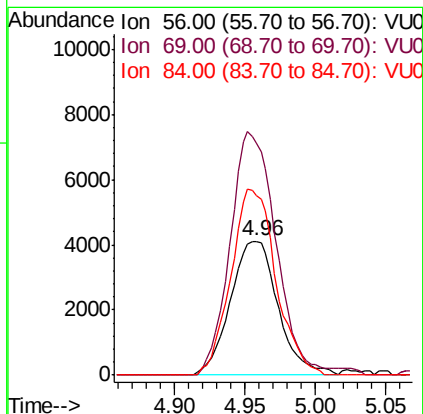
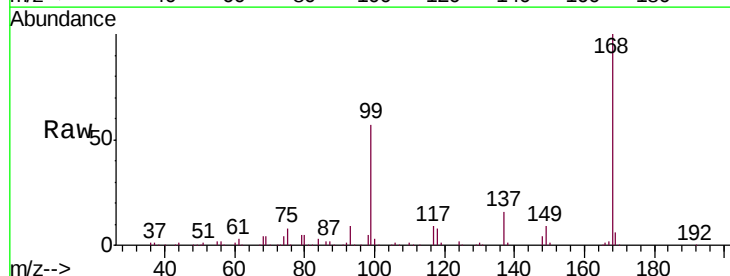
Tgt Ion: 96 Resp: 1807738
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 312.2
 98 64.7 0.0 129.4

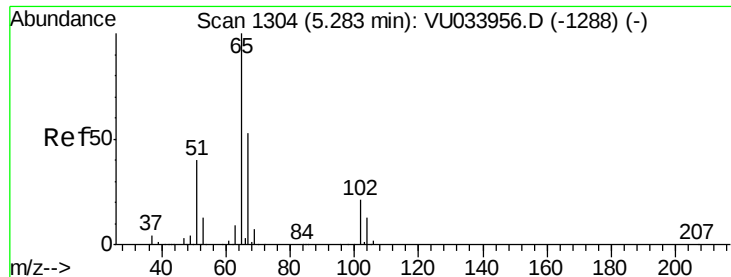


#31

Cyclohexane
 Concen: 1.115 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VU033969.D
 Acq: 27 Aug 2019 00:36

Tgt Ion: 56 Resp: 9722
 Ion Ratio Lower Upper
 56 100
 69 173.0 24.6 37.0#
 84 134.4 65.4 98.0#





#33

1,2-Dichloroethane-d4

Concen: 50.119 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

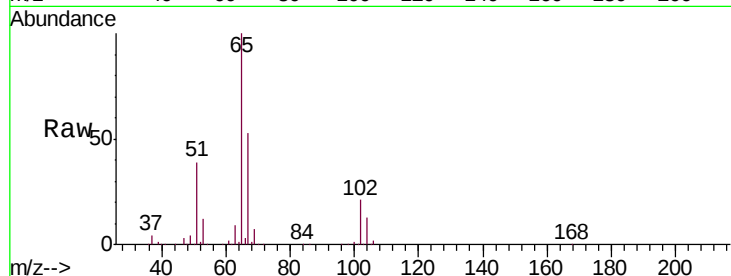
MW-14

Tgt Ion: 65 Resp: 300755

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VU033956.D (-1288) (-)

Ion 66.90 (66.60 to 67.60): VU033956.D (-1288) (-)

5.28

150000

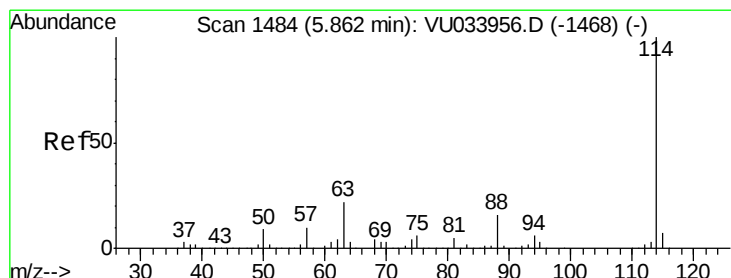
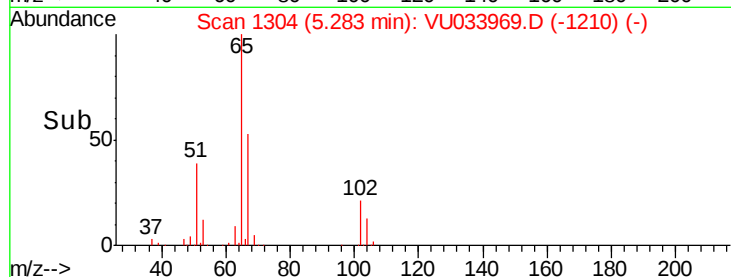
100000

50000

0

5.20 5.30 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

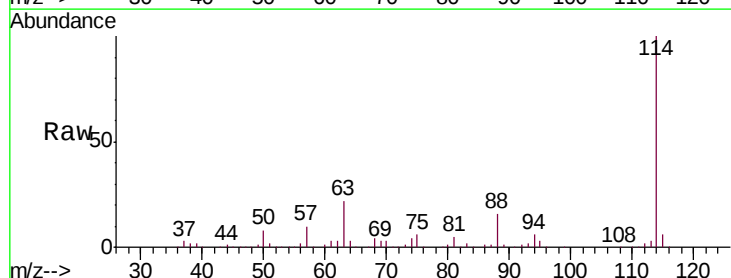
Tgt Ion: 114 Resp: 672804

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU033956.D (-1468) (-)

Ion 63.00 (62.70 to 63.70): VU033956.D (-1468) (-)

Ion 87.90 (87.60 to 88.60): VU033956.D (-1468) (-)

5.86

400000

300000

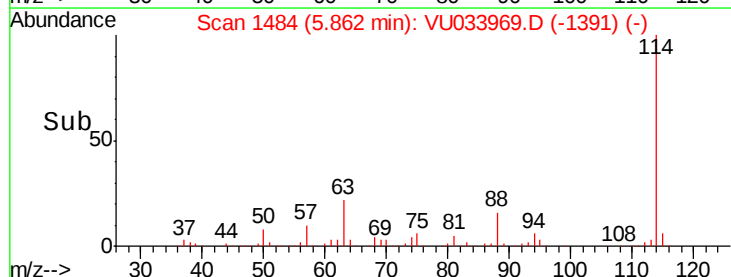
200000

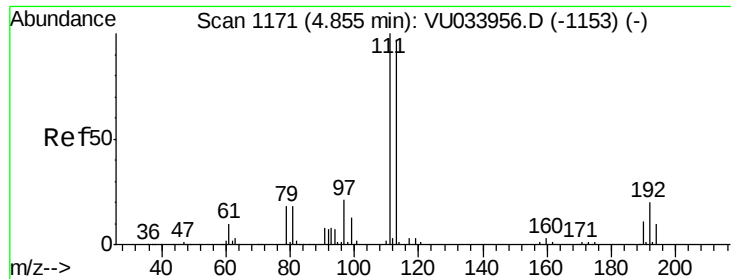
100000

0

5.75 5.80 5.85 5.90 5.95

Time-->





#35

Dibromofluoromethane

Concen: 48.340 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

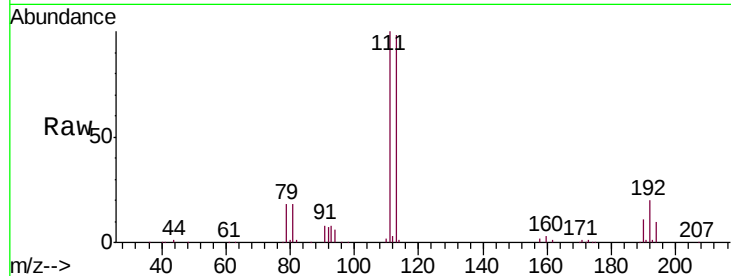
Tgt Ion:113 Resp: 226230

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

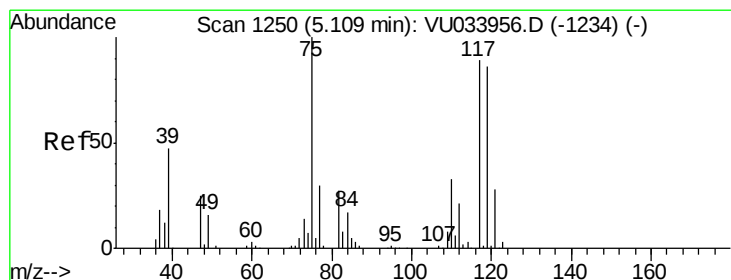
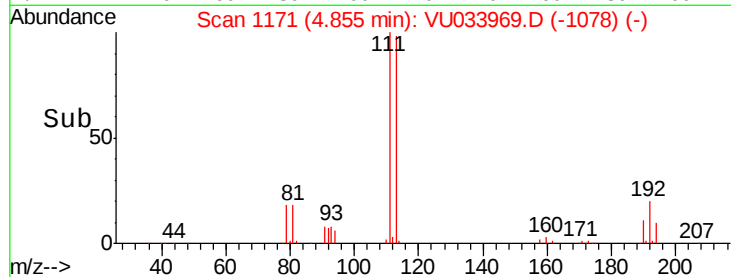
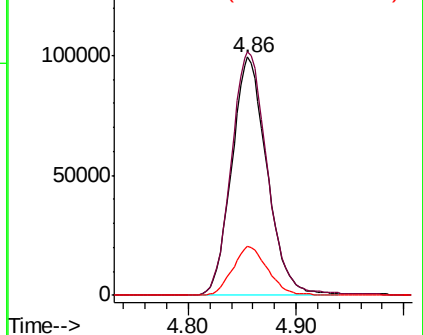
192 20.6 16.2 24.4



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: 4.925 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.15 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

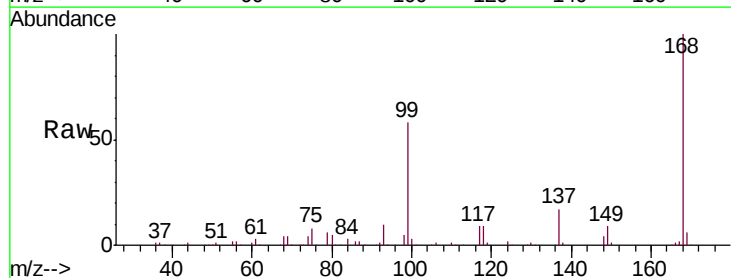
Tgt Ion: 75 Resp: 34212

Ion Ratio Lower Upper

75 100

110 8.0 16.8 50.4#

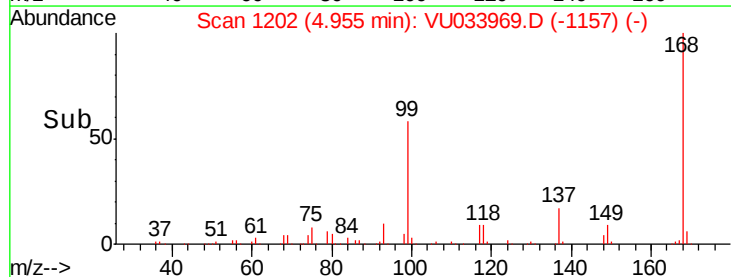
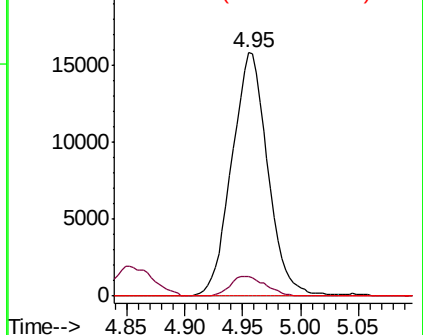
77 0.0 24.7 37.1#

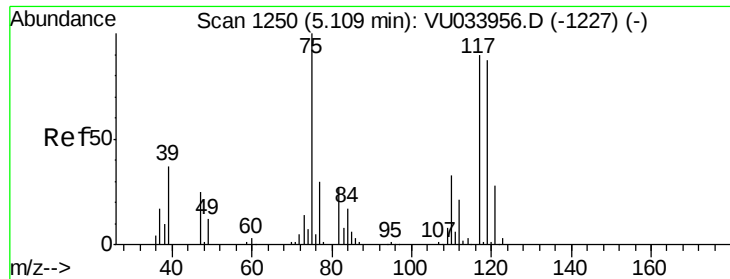


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.15 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

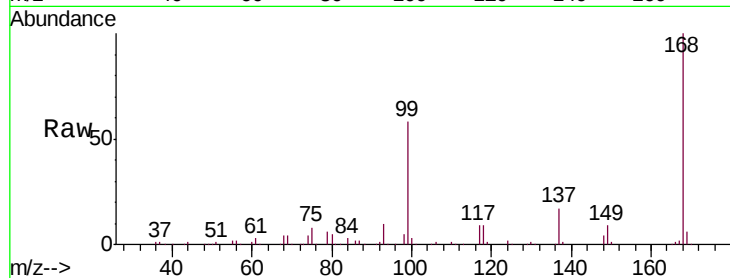
Tgt Ion:117 Resp: 40011

Ion Ratio Lower Upper

117 100

119 5.6 76.9 115.3#

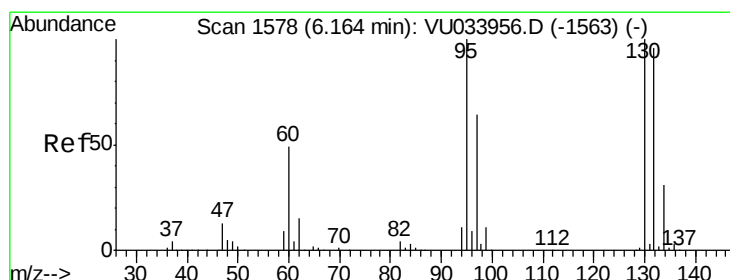
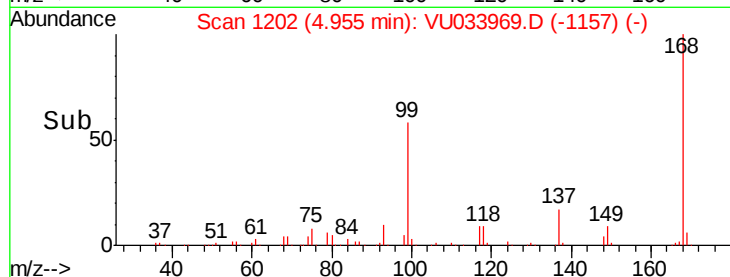
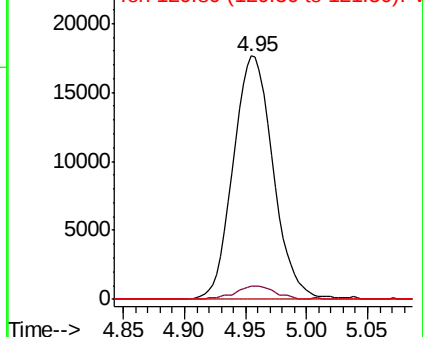
121 0.0 24.9 37.3#



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



#44

Trichloroethene

Concen: 6.988 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033969.D

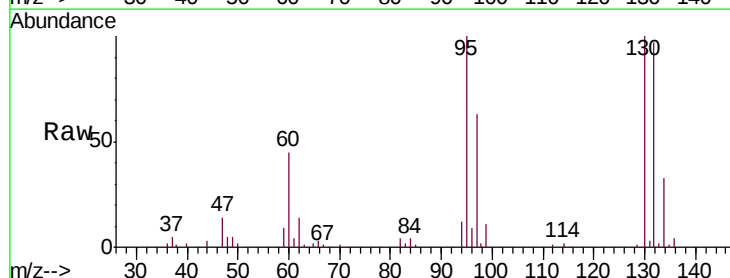
Acq: 27 Aug 2019 00:36

Tgt Ion:130 Resp: 37336

Ion Ratio Lower Upper

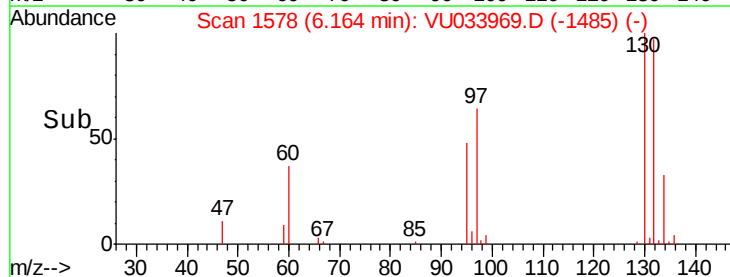
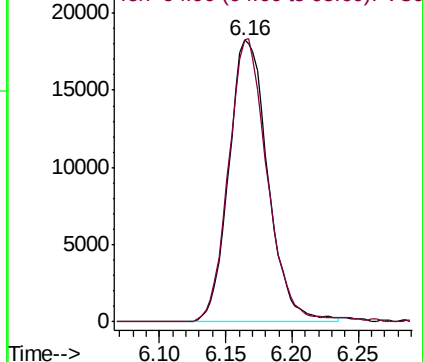
130 100

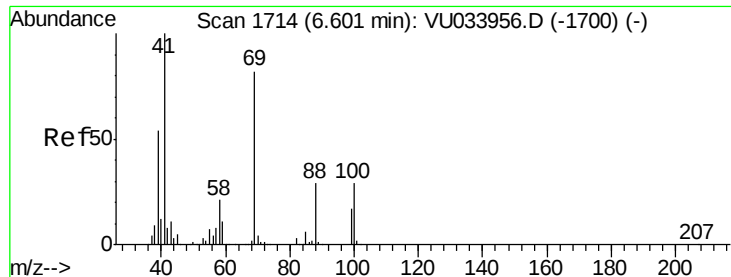
95 100.2 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

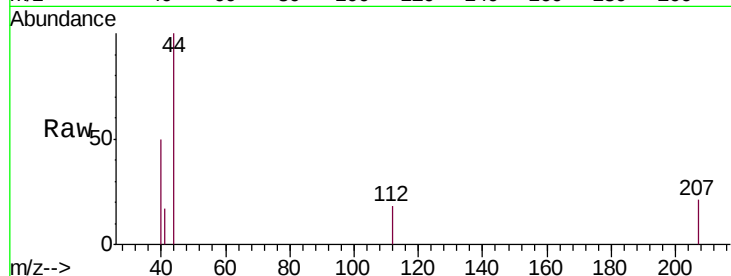




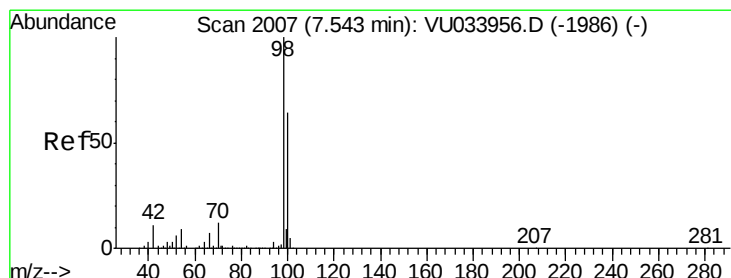
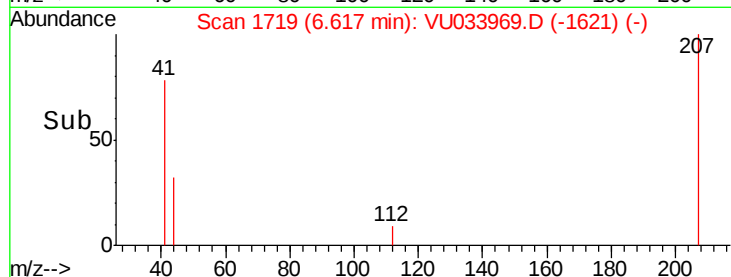
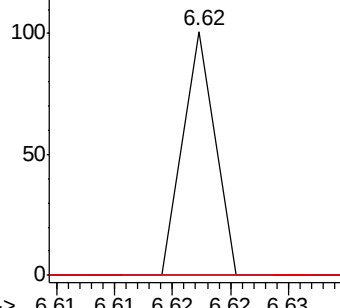
#48
Methyl methacrylate
Concen: 2.315 ug/l
RT: 6.62 min Scan# 1719
Delta R.T. 0.02 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

Instrument :
MSVOA_U
ClientSampleId :
MW-14

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
69 0.0 66.9 100.3#
39 0.0 43.3 64.9#

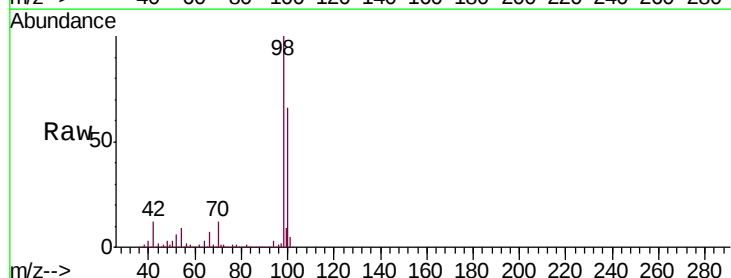


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

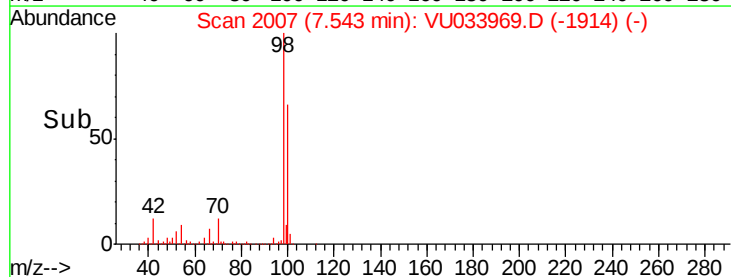
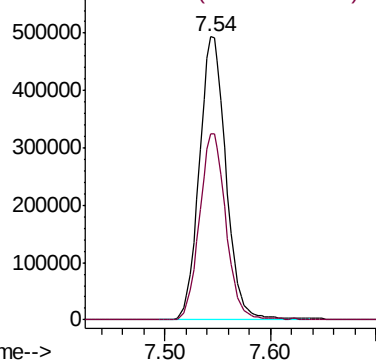


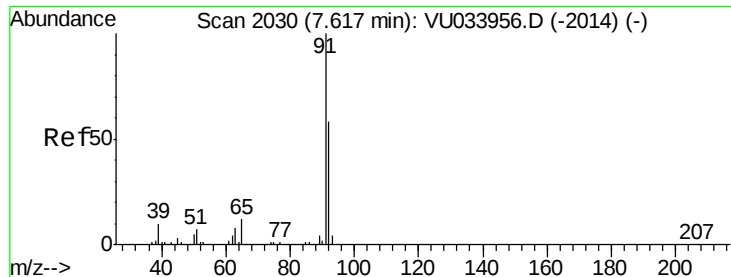
#50
Toluene-d8
Concen: 49.820 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VU033969.D
Acq: 27 Aug 2019 00:36

Tgt Ion: 98 Resp: 862450
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 1.066 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

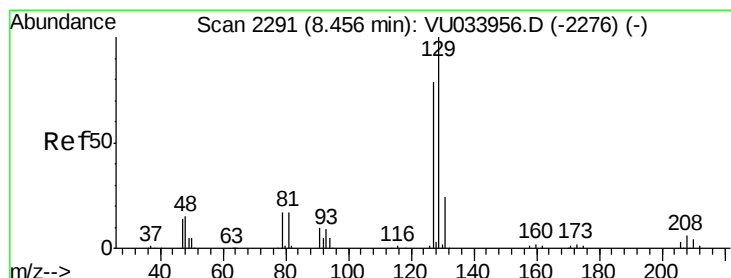
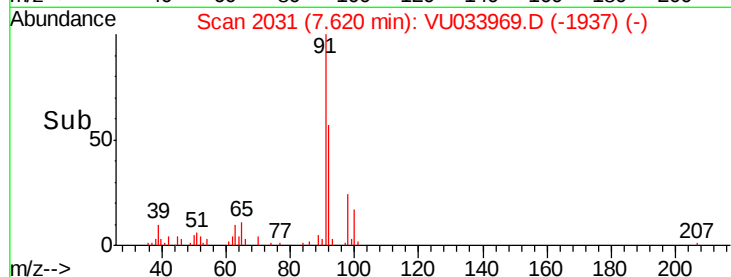
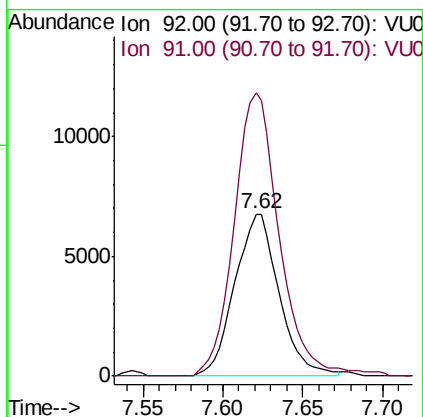
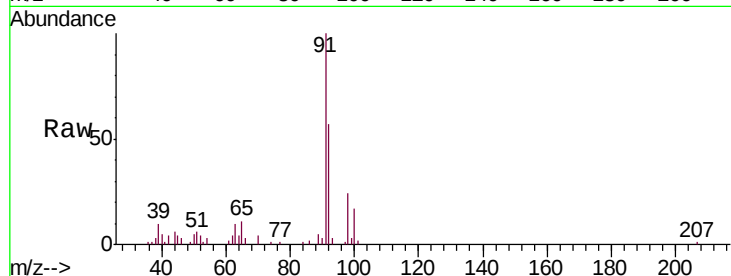
MW-14

Tgt Ion: 92 Resp: 12775

Ion Ratio Lower Upper

92 100

91 178.4 137.5 206.3



#60

Dibromochloromethane

Concen: 14.238 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU033969.D

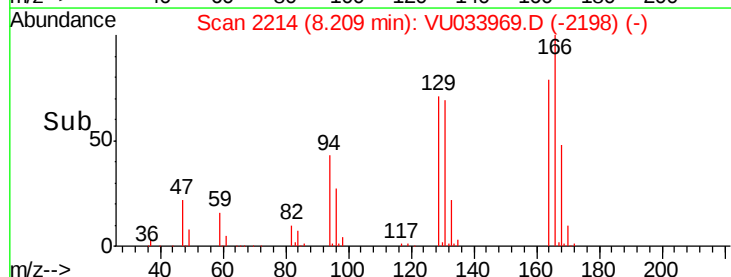
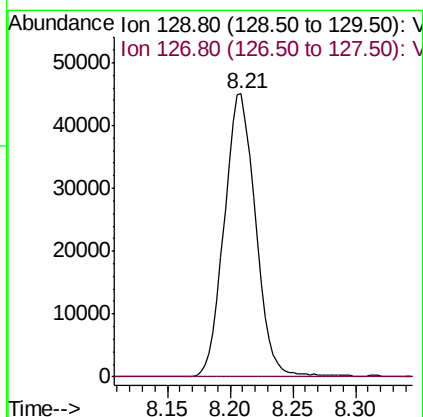
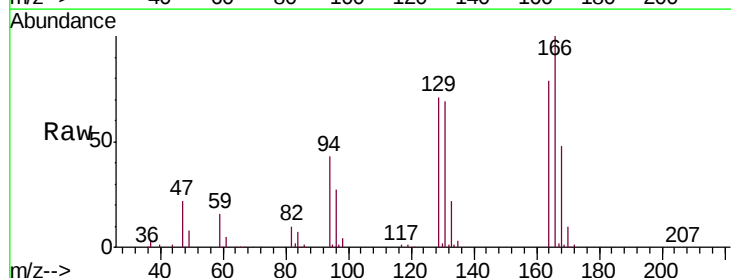
Acq: 27 Aug 2019 00:36

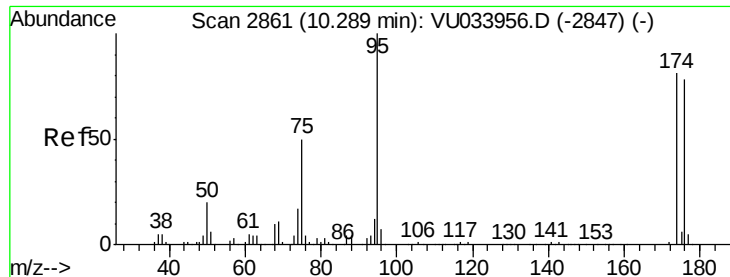
Tgt Ion: 129 Resp: 78378

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 40.271 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

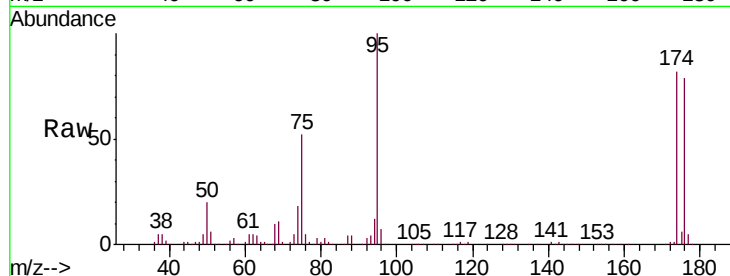
Tgt Ion: 95 Resp: 268737

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

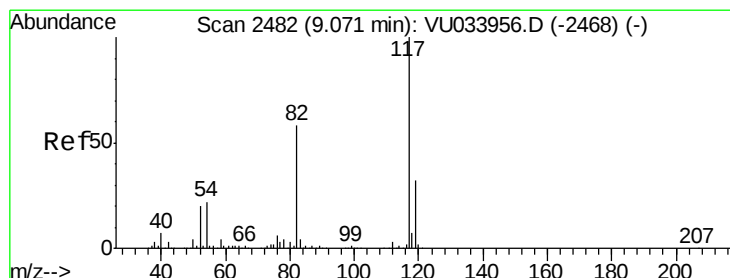
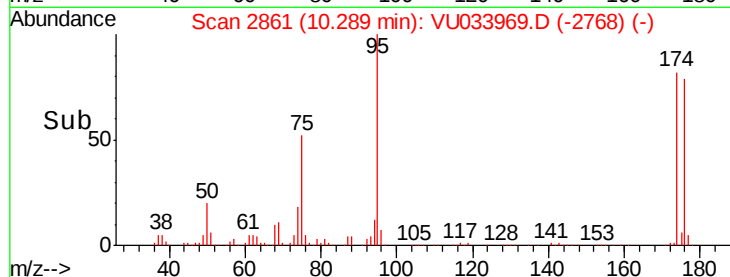
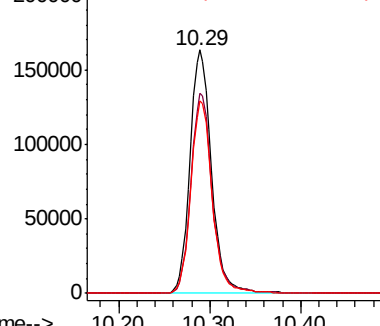
176 78.7 0.0 154.2



Abundance Ion 94.90 (94.60 to 95.60): VU033969.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU033969.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU033969.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

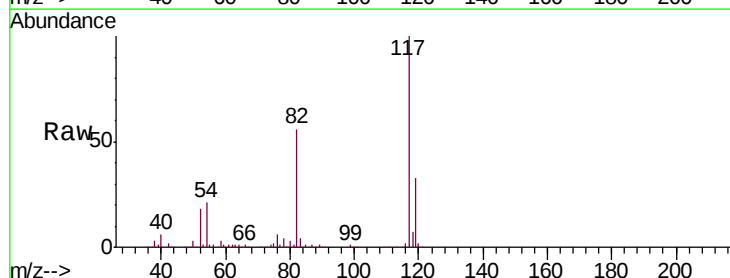
Tgt Ion: 117 Resp: 596344

Ion Ratio Lower Upper

117 100

82 56.4 46.4 69.6

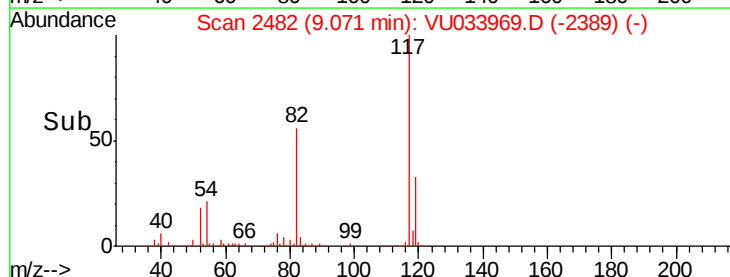
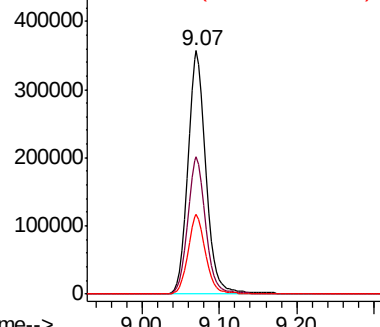
119 32.6 25.3 37.9

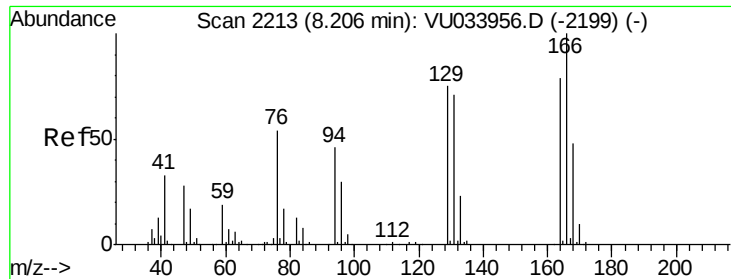


Abundance Ion 116.90 (116.60 to 117.60): VU033969.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU033969.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU033969.D (-2389) (-)





#64

Tetrachloroethene

Concen: 20.264 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

Tgt Ion:164 Resp: 86644

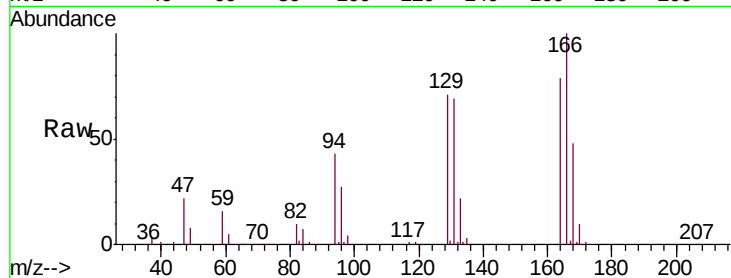
Ion Ratio Lower Upper

164 100

166 126.8 101.4 152.2

129 89.6 76.6 114.8

131 87.9 72.2 108.4



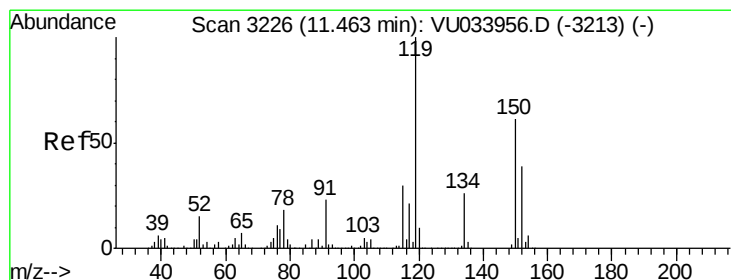
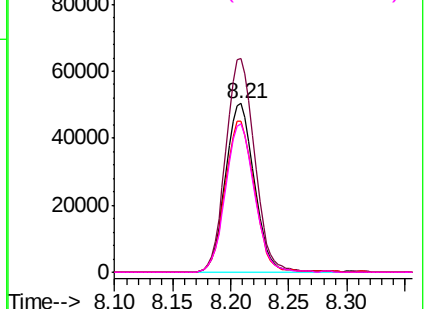
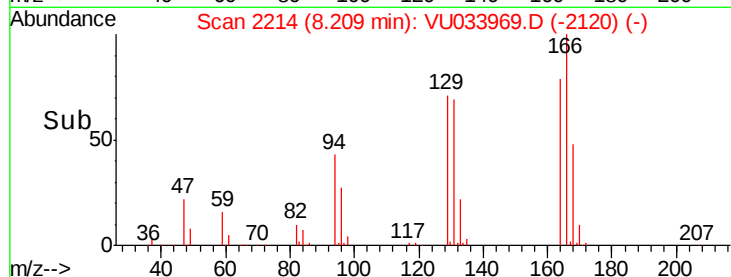
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

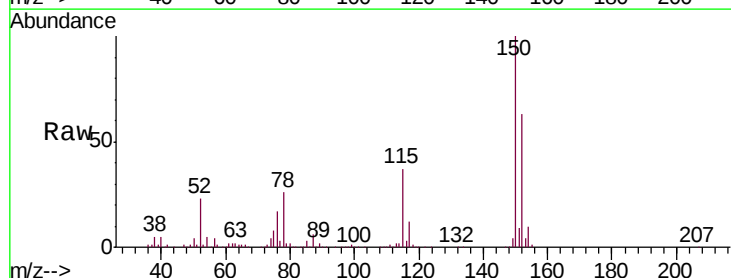
Tgt Ion:152 Resp: 263033

Ion Ratio Lower Upper

152 100

115 58.1 40.3 120.9

150 157.7 0.0 346.0

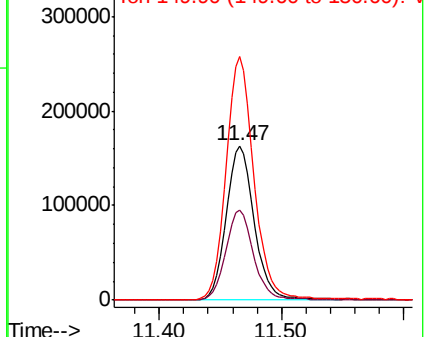
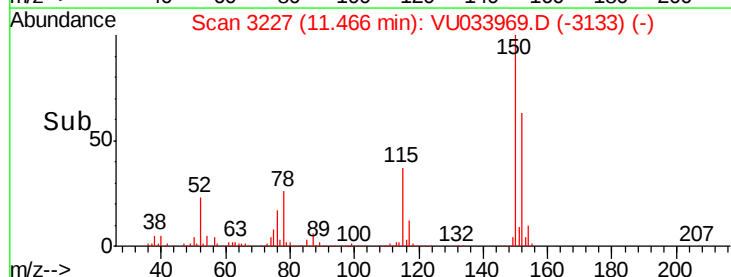


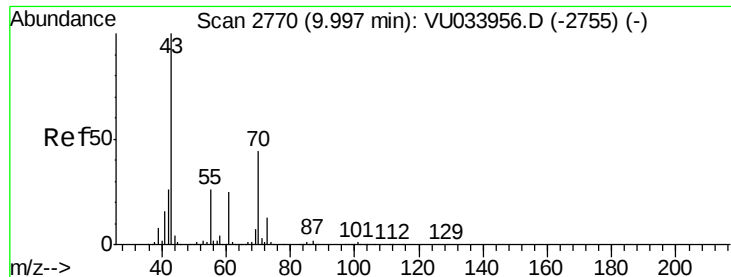
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 3.598 ug/l

RT: 10.02 min Scan# 2776

Delta R.T. 0.02 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

MW-14

Tgt Ion: 43 Resp: 77

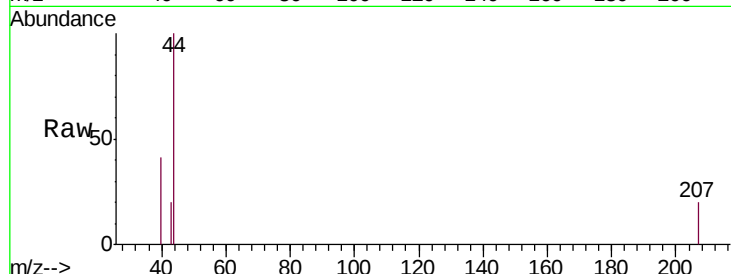
Ion Ratio Lower Upper

43 100

70 0.0 34.5 51.7#

55 0.0 20.9 31.3#

61 0.0 19.7 29.5#

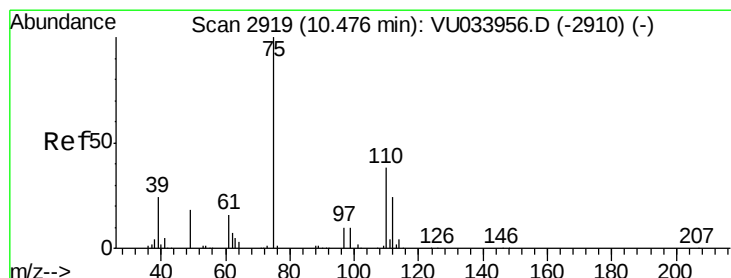
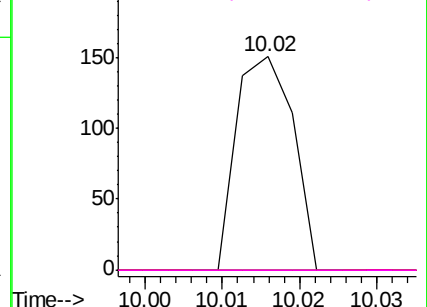
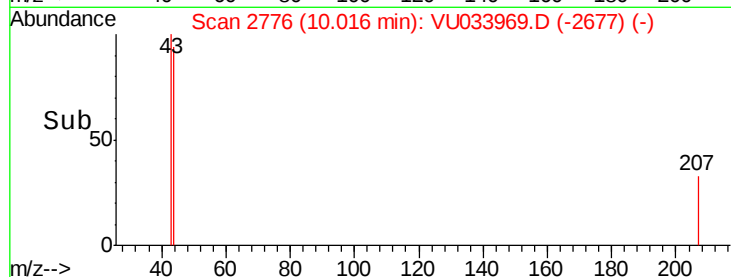


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 22.836 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU033969.D

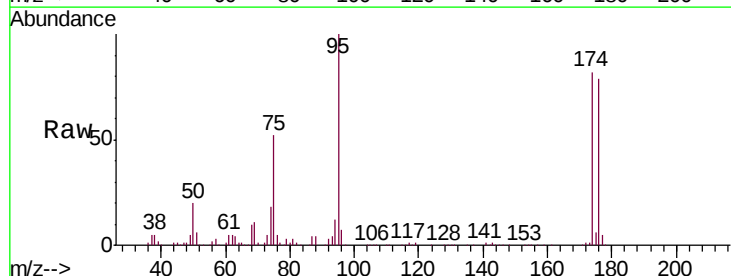
Acq: 27 Aug 2019 00:36

Tgt Ion: 75 Resp: 138964

Ion Ratio Lower Upper

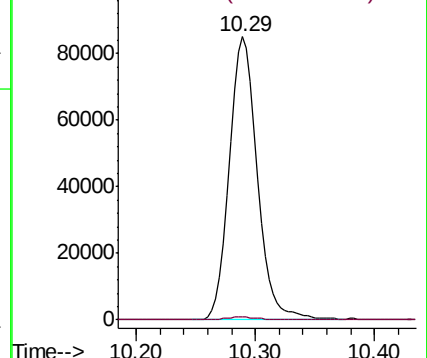
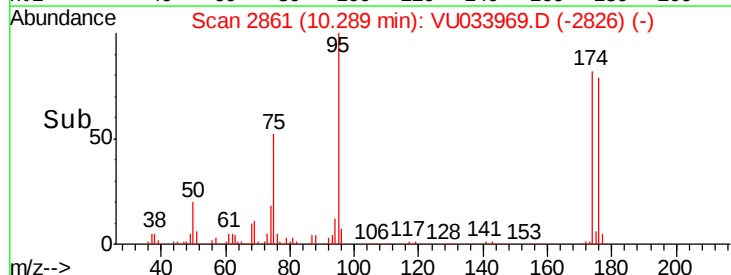
75 100

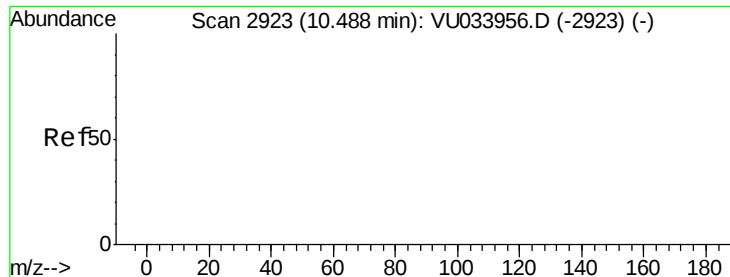
77 1.1 20.1 60.3#



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: 60.892 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

Instrument :

MSVOA_U

ClientSampled :

MW-14

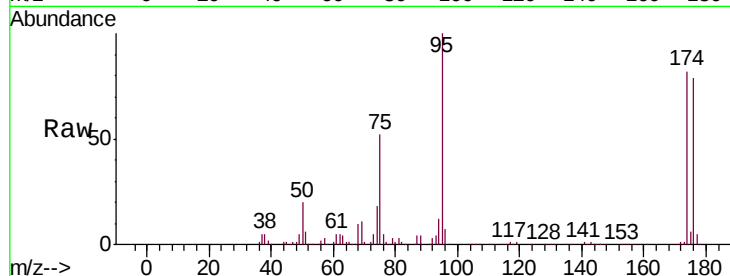
Tgt Ion: 75 Resp: 138964

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

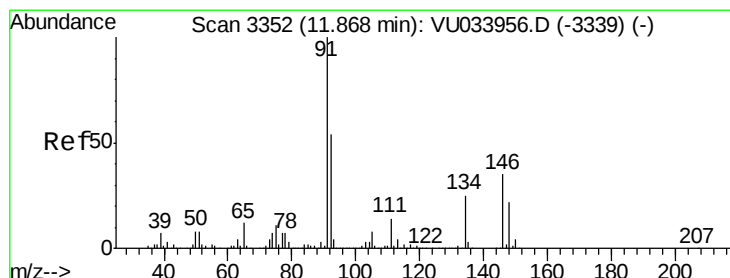
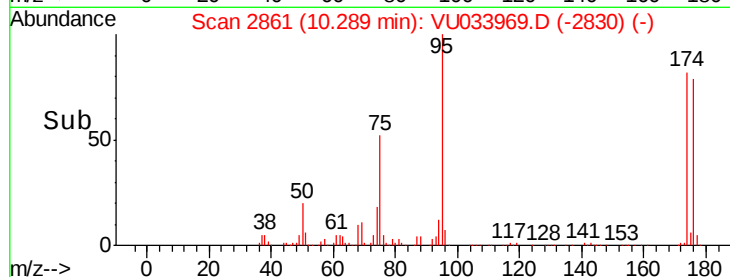
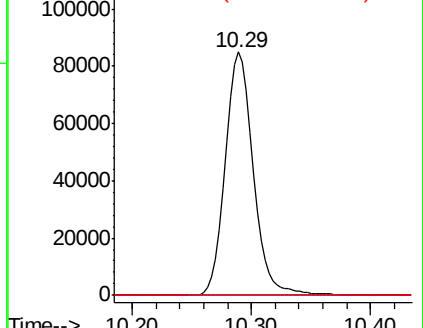
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU033969.D (-2861) (-)

Ion 53.00 (52.70 to 53.70): VU033969.D (-2861) (-)

Ion 88.90 (88.60 to 89.60): VU033969.D (-2861) (-)



#89

n-Butylbenzene

Concen: 2.680 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.01 min

Lab File: VU033969.D

Acq: 27 Aug 2019 00:36

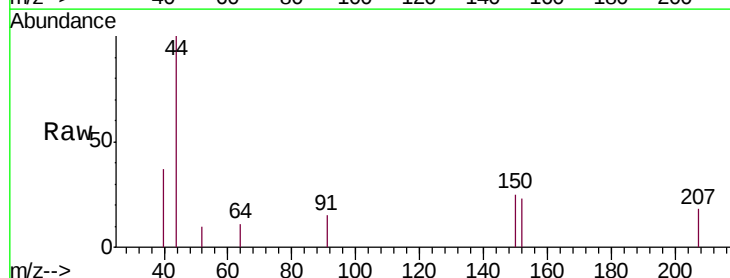
Tgt Ion: 91 Resp: 126

Ion Ratio Lower Upper

91 100

92 0.0 26.9 80.6#

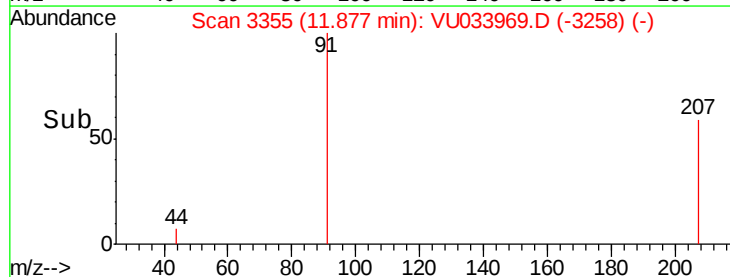
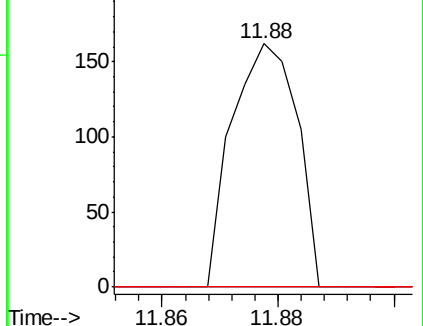
134 0.0 12.6 37.6#

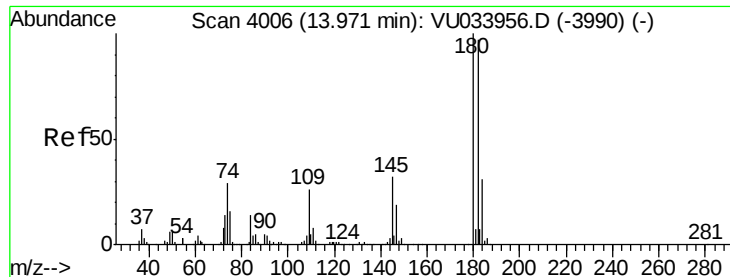


Abundance Ion 91.00 (90.70 to 91.70): VU033969.D (-3355) (-)

Ion 92.00 (91.70 to 92.70): VU033969.D (-3355) (-)

Ion 134.00 (133.70 to 134.70): VU033969.D (-3355) (-)

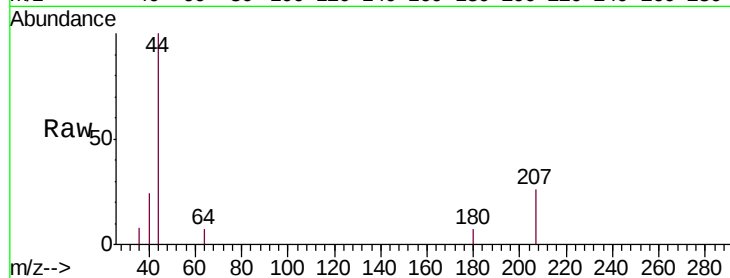




#96
 1,2,3-Trichlorobenzene
 Concen: 3.030 ug/l
 RT: 14.01 min Scan# 4018
 Delta R.T. 0.04 min
 Lab File: VU033969.D
 Acq: 27 Aug 2019 00:36

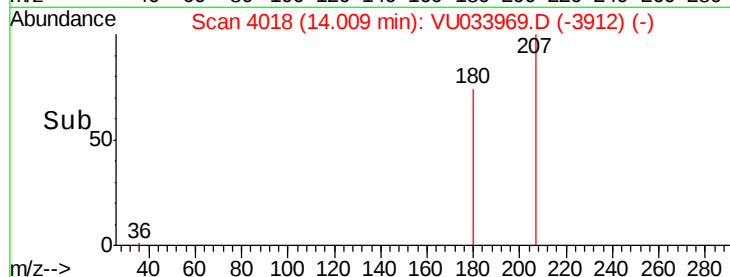
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.6	145.8#
145	0.0	15.7	47.0#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

14.01



Time-->