

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034169.D
 Acq On : 01 Sep 2019 15:19
 Operator : JC/SP
 Sample : K4648-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 02 08:33:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	709683	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	682185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	342379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	277803	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
35) Dibromofluoromethane	4.86	113	231148	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	7.55	98	895826	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.29	95	315823	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

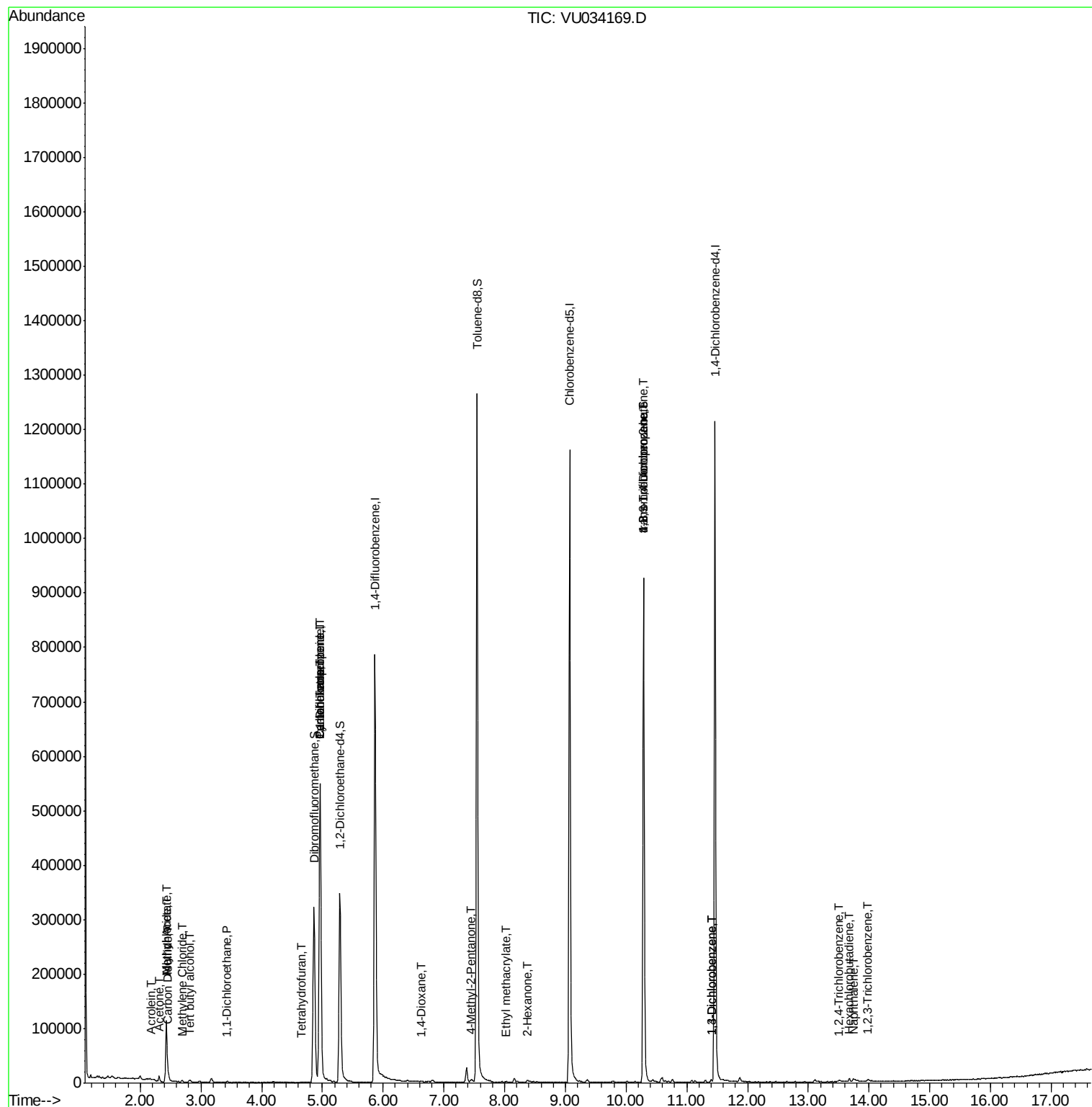
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1788	Below Cal		94
5) Bromomethane	1.63	94	931	Below Cal		96
11) Tert butyl alcohol	2.81	59	4998	3.867	ug/l #	80
13) Acrolein	2.19	56	156	0.287	ug/l #	29
14) Allyl chloride	2.43	41	12119	1.472	ug/l #	63
16) Acetone	2.31	43	10750	3.759	ug/l	96
17) Carbon Disulfide	2.47	76	2829	0.204	ug/l	97
18) Methyl Acetate	2.43	43	27693	3.747	ug/l #	51
20) Methylene Chloride	2.68	84	1220	0.225	ug/l	89
24) 1,1-Dichloroethane	3.43	63	3031	0.340	ug/l #	84
29) Tetrahydrofuran	4.65	42	531	0.216	ug/l #	32
31) Cyclohexane	4.96	56	7644	0.913	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	31922	4.755	ug/l #	48
38) Carbon Tetrachloride	4.96	117	40114	6.191	ug/l #	16
49) 1,4-Dioxane	6.62	88	272	1.967	ug/l #	13
51) 4-Methyl-2-Pentanone	7.45	43	3457	0.438	ug/l #	76
56) Ethyl methacrylate	8.03	69	419	1.018	ug/l #	24
59) 2-Hexanone	8.37	43	3360	0.564	ug/l	93
76) 1,2,3-Trichloropropane	10.29	75	152890	19.813	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	152890	66.715	ug/l #	100
87) 1,3-Dichlorobenzene	11.40	146	2515	0.230	ug/l	93
88) 1,4-Dichlorobenzene	11.40	146	2515	0.227	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	1120	1.261	ug/l	79
94) Hexachlorobutadiene	13.67	225	1580	0.385	ug/l	89
95) Naphthalene	13.75	128	4148	1.977	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.98	180	3022	0.450	ug/l	77

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

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Instrument :
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Quant Time: Sep 02 08:33:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

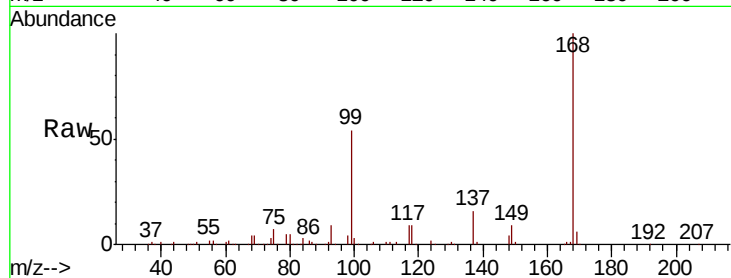
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 437441

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

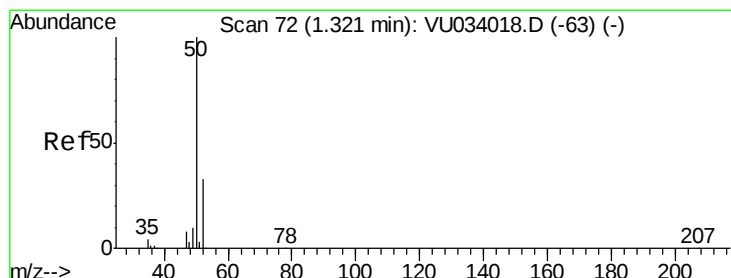
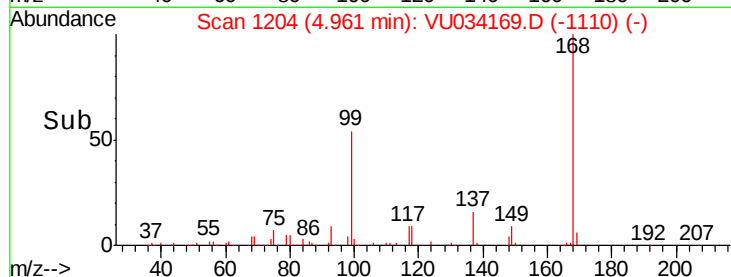
100000

50000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034169.D

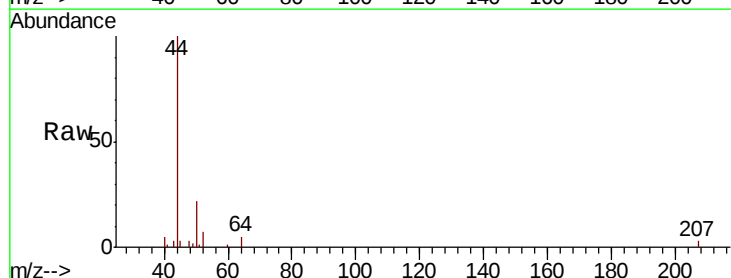
Acq: 01 Sep 2019 15:19

Tgt Ion: 50 Resp: 1788

Ion Ratio Lower Upper

50 100

52 29.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034018.D (-63) (-)

1.32

2000

1500

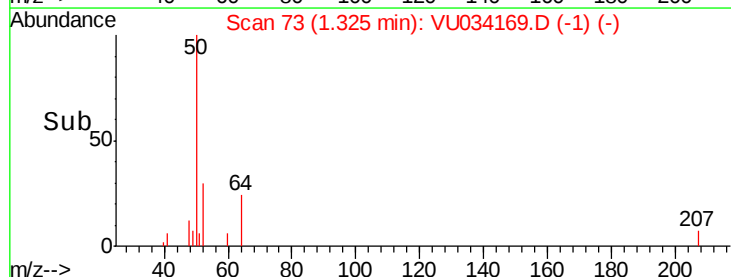
1000

500

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

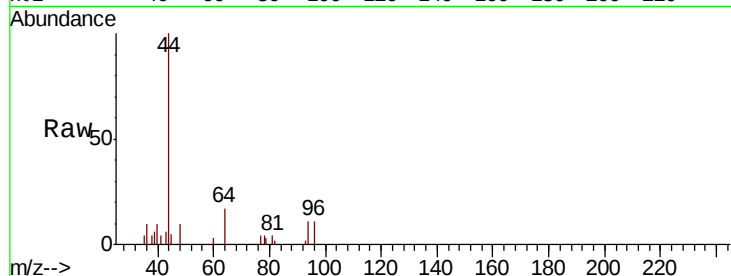
ClientSampleId :

Tot Ion: 94 Resp: 931

Ion Ratio Lower Upper

94 100

96 99.2 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

600

500

400

300

200

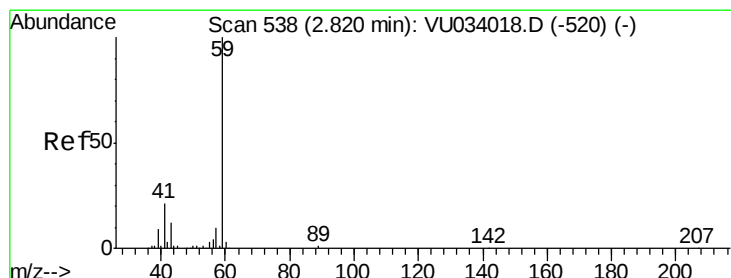
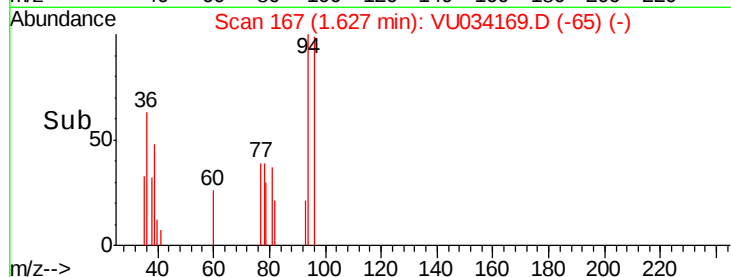
100

0

1.60

1.65

Time-->



#11

Tert butyl alcohol

Concen: 3.867 ug/l

RT: 2.81 min Scan# 536

Delta R.T. -0.01 min

Lab File: VU034169.D

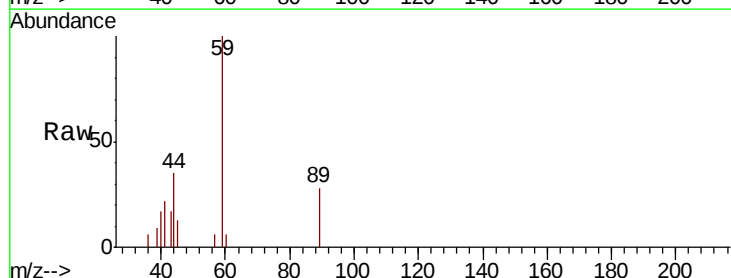
Acq: 01 Sep 2019 15:19

Tgt Ion: 59 Resp: 4998

Ion Ratio Lower Upper

59 100

57 2.7 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2500

2000

1500

1000

500

0

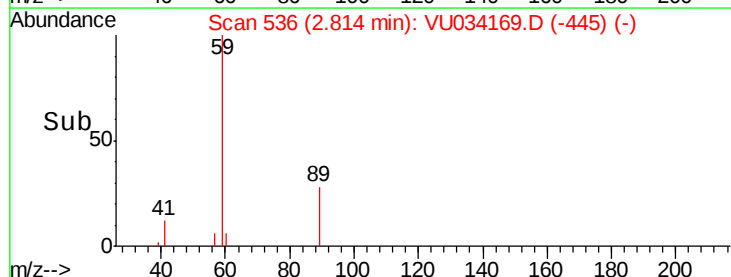
2.75

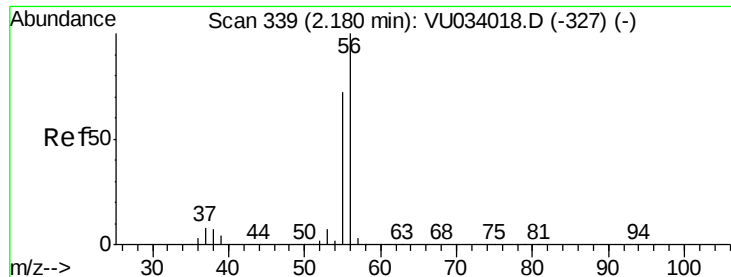
2.80

2.85

2.90

Time-->





#13

Acrolein

Concen: 0.287 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

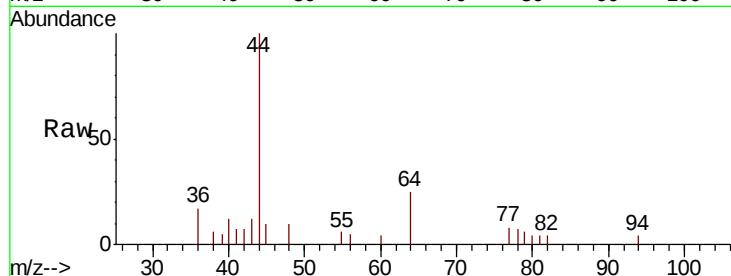
ClientSampled :

Tot Ion: 56 Resp: 156

Ion Ratio Lower Upper

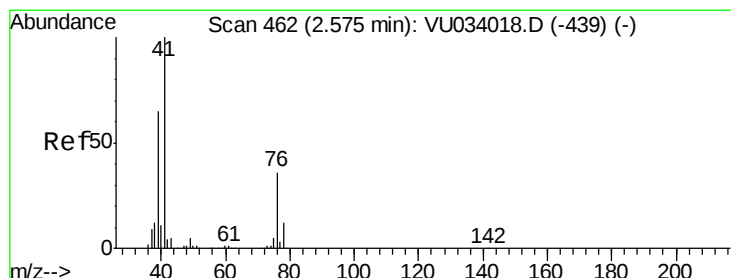
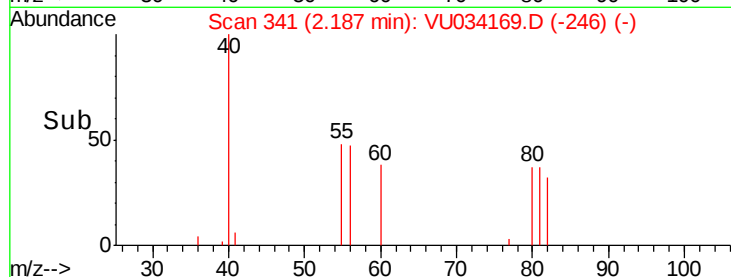
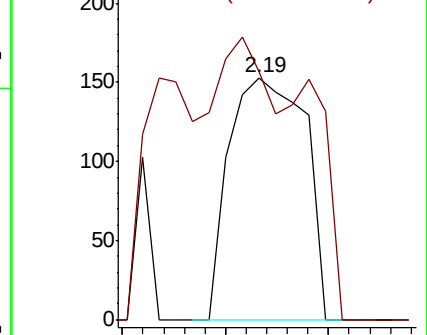
56 100

55 130.1 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU034169.D (-246) (-)

Ion 55.00 (54.70 to 55.70): VU034169.D (-246) (-)



#14

Allyl chloride

Concen: 1.472 ug/l

RT: 2.43 min Scan# 418

Delta R.T. -0.14 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

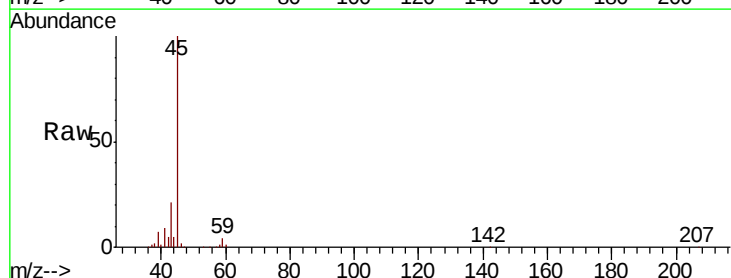
Tgt Ion: 41 Resp: 12119

Ion Ratio Lower Upper

41 100

39 77.3 46.8 70.2#

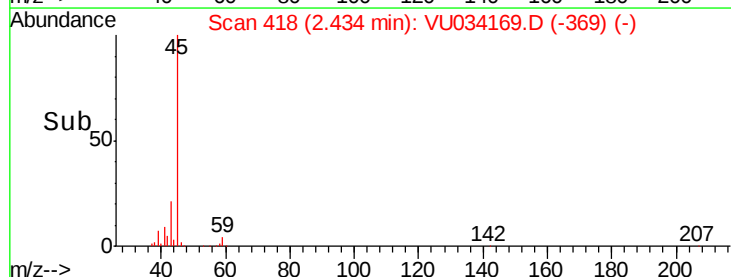
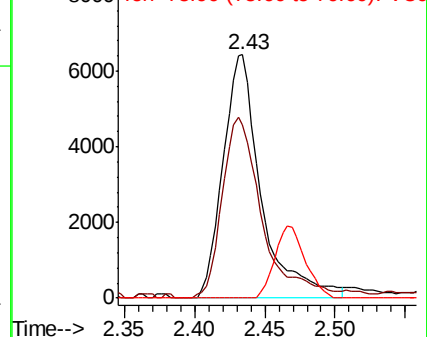
76 0.0 26.6 40.0#

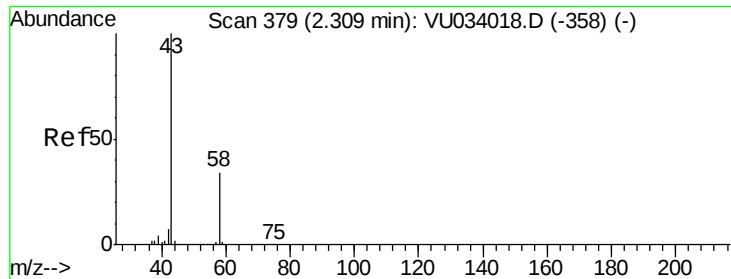


Abundance Ion 41.00 (40.70 to 41.70): VU034169.D (-369) (-)

Ion 39.00 (38.70 to 39.70): VU034169.D (-369) (-)

Ion 75.90 (75.60 to 76.60): VU034169.D (-369) (-)





#16

Acetone

Concen: 3.759 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

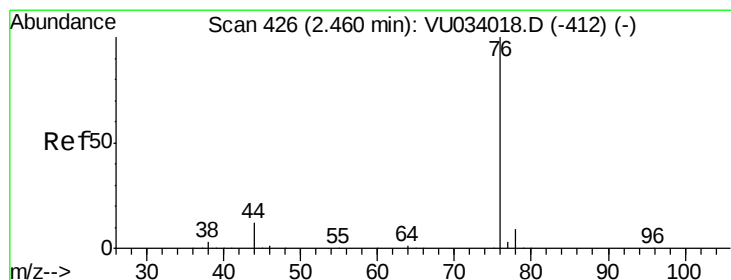
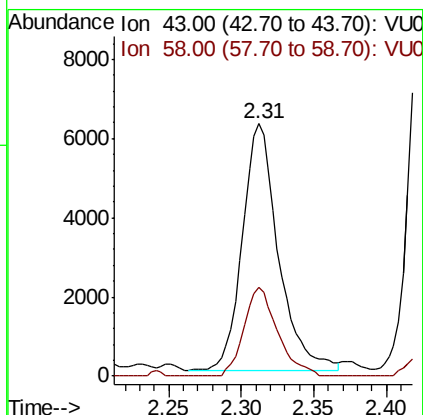
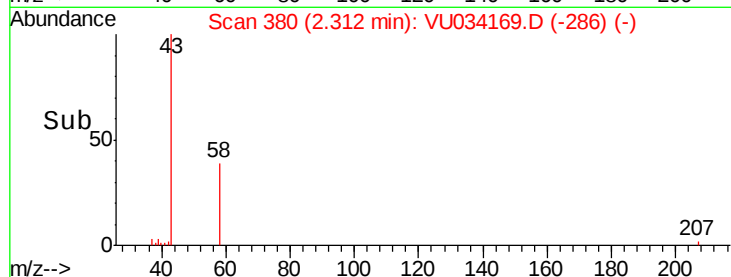
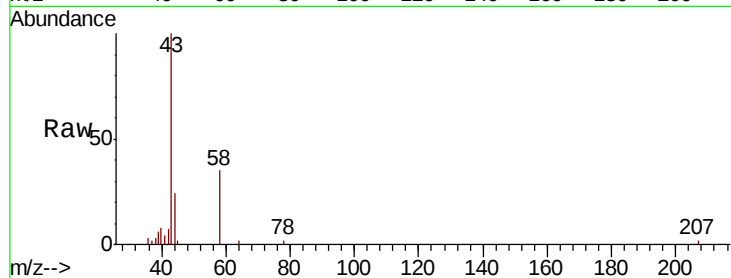
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 10750

Ion Ratio Lower Upper

43 100

58 35.9 26.8 40.2



#17

Carbon Disulfide

Concen: 0.204 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU034169.D

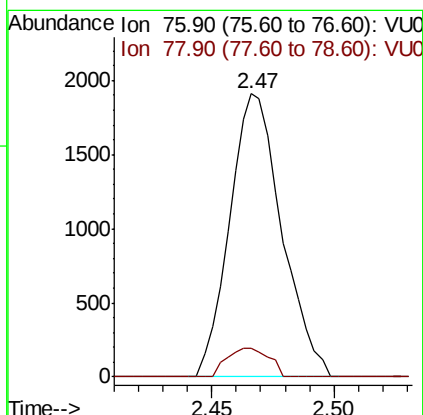
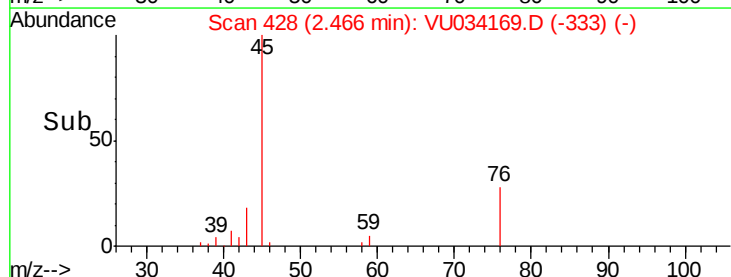
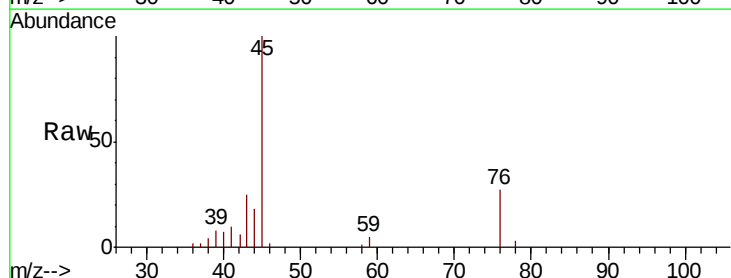
Acq: 01 Sep 2019 15:19

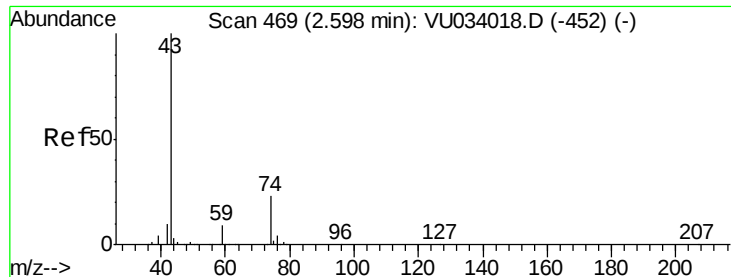
Tgt Ion: 76 Resp: 2829

Ion Ratio Lower Upper

76 100

78 10.1 7.1 10.7

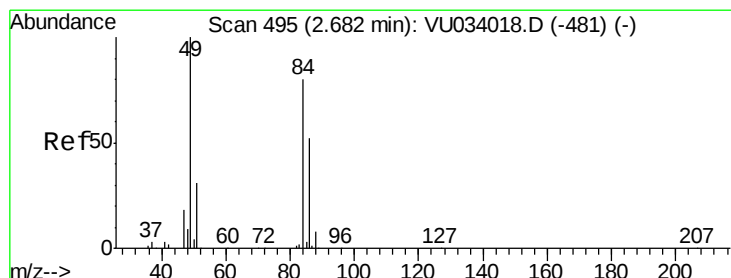
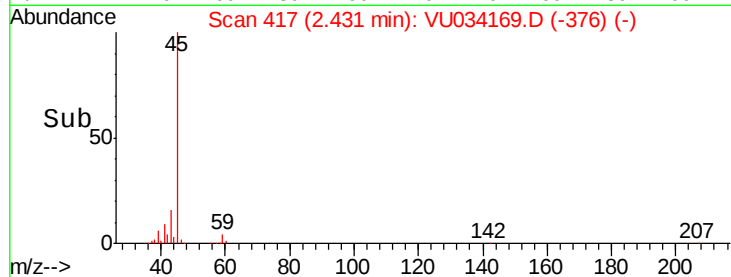
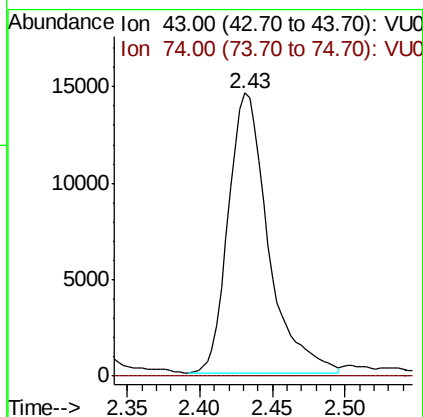
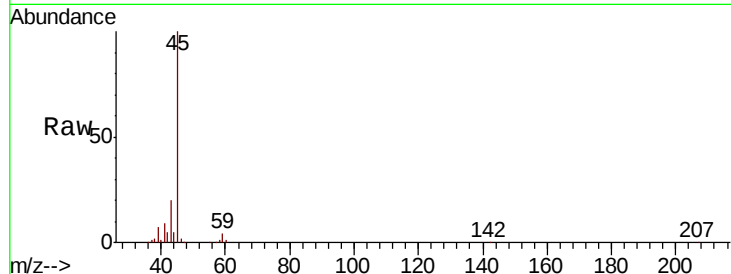




#18
Methyl Acetate
Concen: 3.747 ug/l
RT: 2.43 min Scan# 417
Delta R.T. -0.17 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

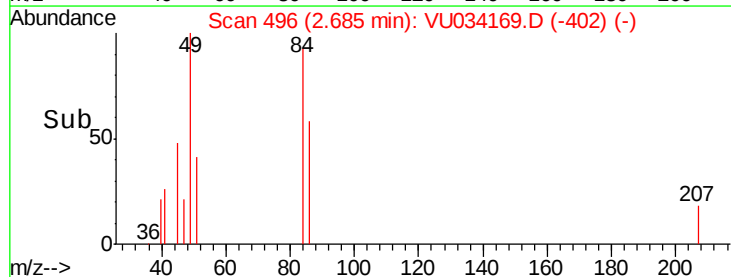
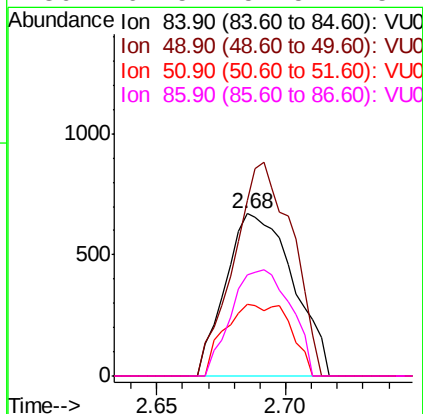
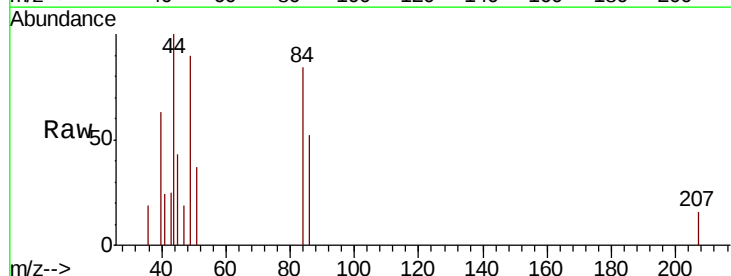
Instrument :
MSVOA_U
ClientSampleId :

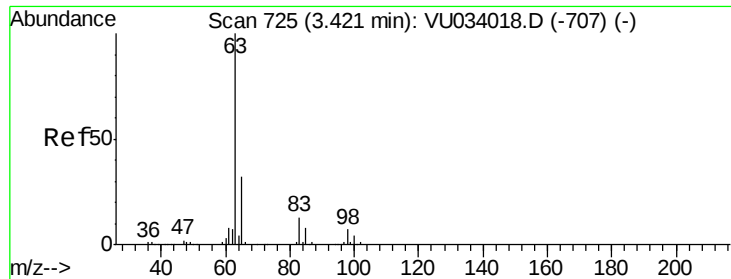
Tot Ion: 43 Resp: 27693
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Tgt Ion: 84 Resp: 1220
Ion Ratio Lower Upper
84 100
49 107.9 100.2 150.4
51 44.5 30.8 46.2
86 62.5 52.5 78.7





#24

1,1-Dichloroethane

Concen: 0.340 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

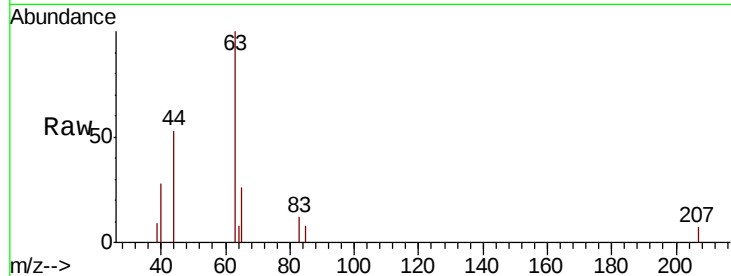
Tot Ion: 63 Resp: 3031

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

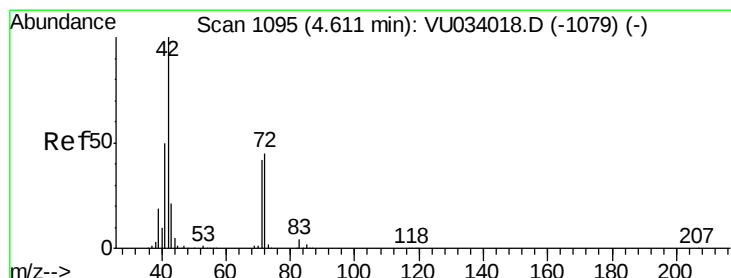
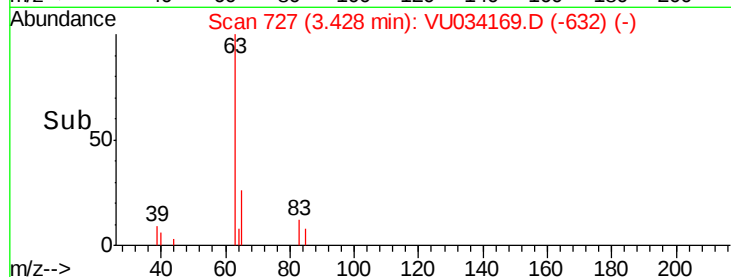
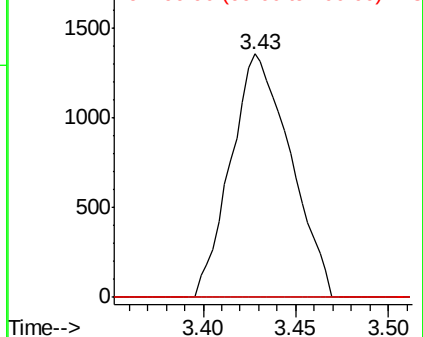
100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VU034169.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034169.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034169.D (-632) (-)



#29

Tetrahydrofuran

Concen: 0.216 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.04 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

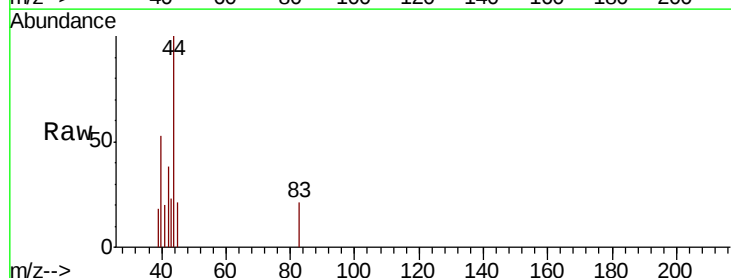
Tgt Ion: 42 Resp: 531

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.6#

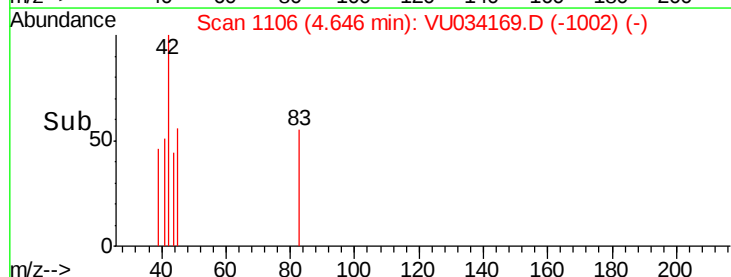
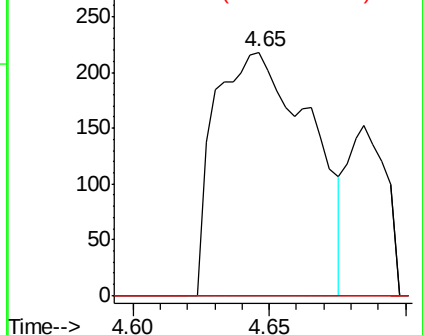
71 0.0 34.0 51.0#

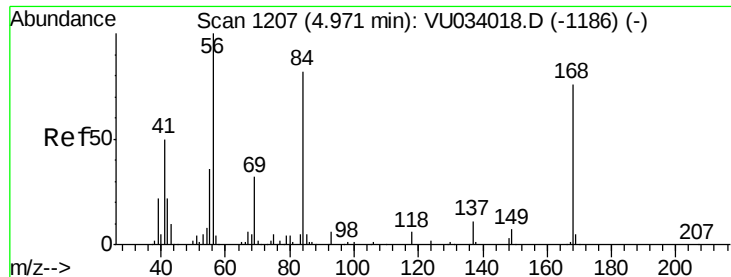


Abundance Ion 42.00 (41.70 to 42.70): VU034169.D (-1002) (-)

Ion 72.00 (71.70 to 72.70): VU034169.D (-1002) (-)

Ion 71.00 (70.70 to 71.70): VU034169.D (-1002) (-)

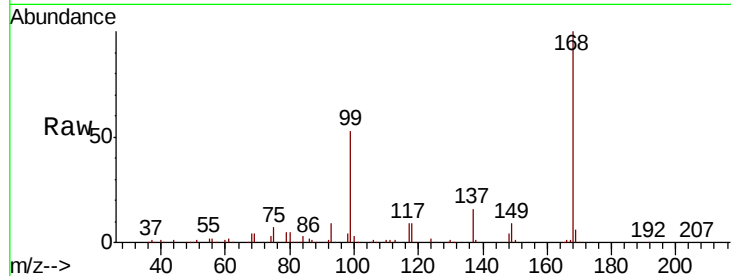




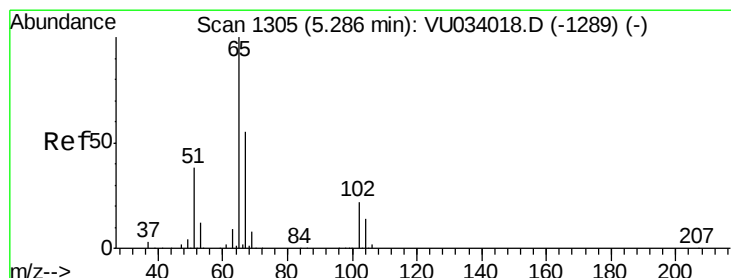
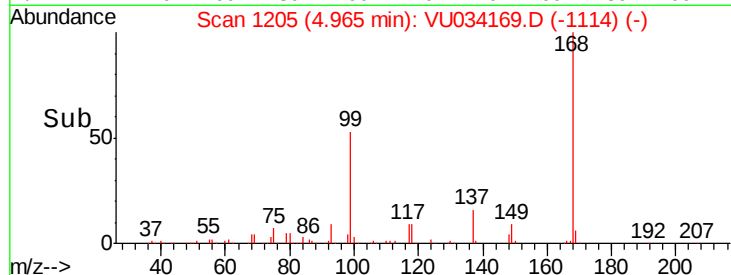
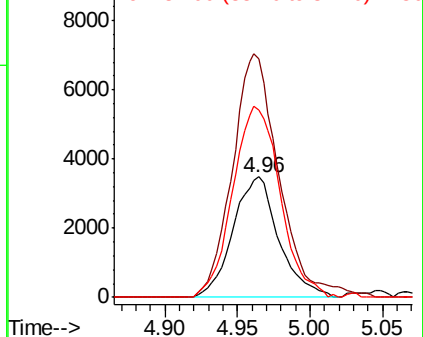
#31
Cyclohexane
Concen: 0.913 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	56	69	84	Resp	7644
Ion	Ratio	Lower	Upper		
56	100				
69	197.6	25.4	38.0#		
84	155.6	65.8	98.8#		

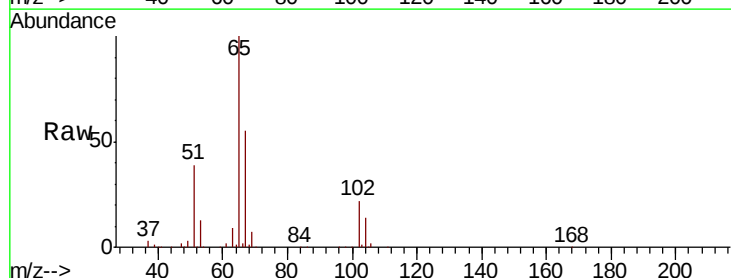


Abundance Ion 56.00 (55.70 to 56.70): VU034018.D (-1186) (-)
Ion 69.00 (68.70 to 69.70): VU034018.D (-1186) (-)
Ion 84.00 (83.70 to 84.70): VU034018.D (-1186) (-)

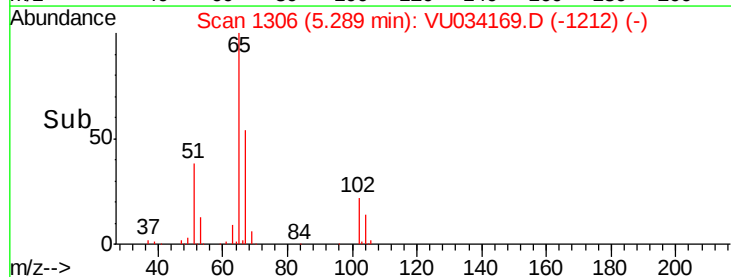
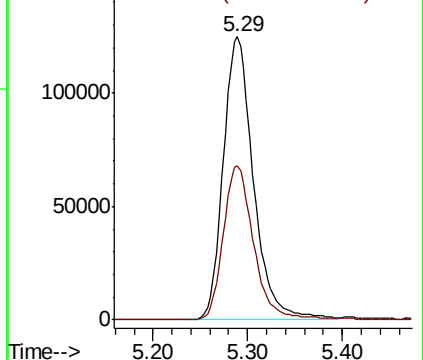


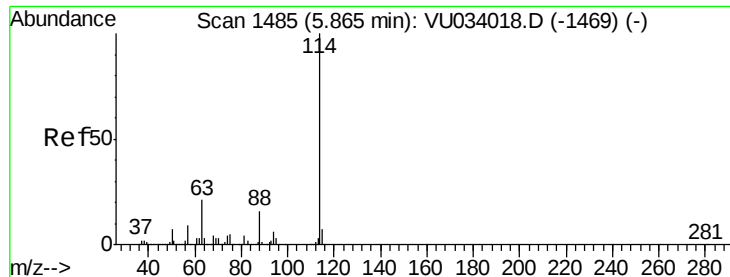
#33
1,2-Dichloroethane-d4
Concen: 49.562 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Tgt Ion	65	67	Resp	277803
Ion	Ratio	Lower	Upper	
65	100			
67	54.9	0.0	110.6	



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)
Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

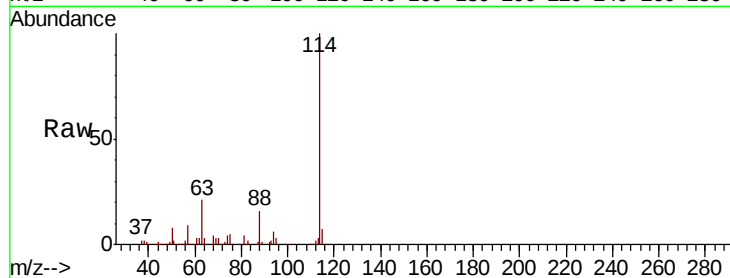




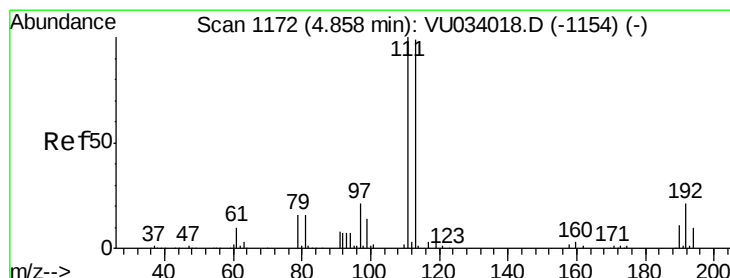
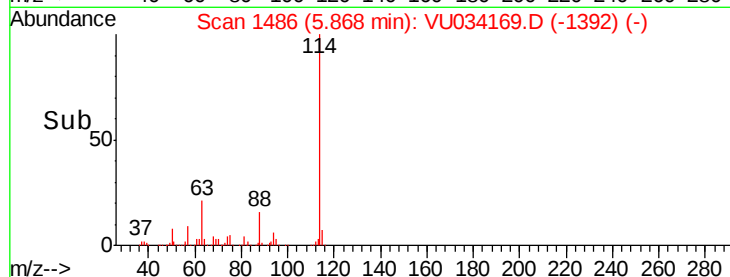
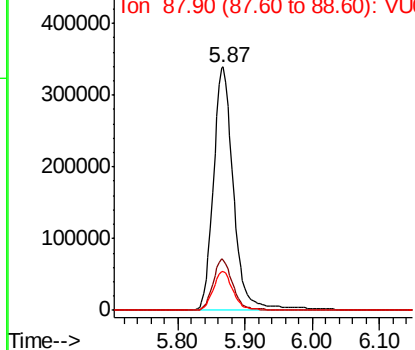
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 709683
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 16.1 0.0 32.0

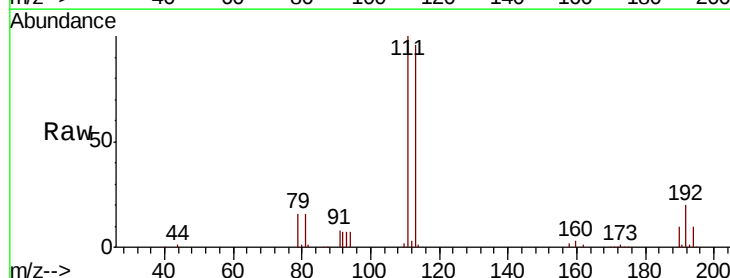


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

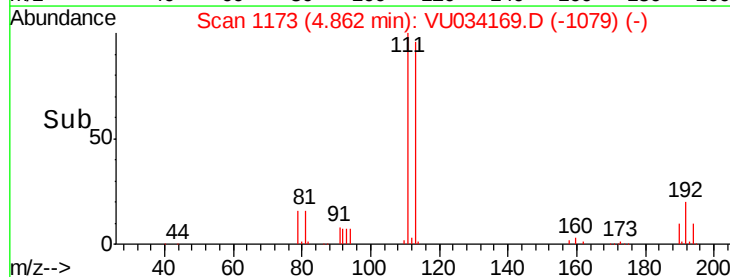
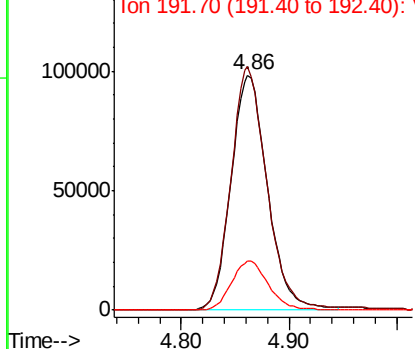


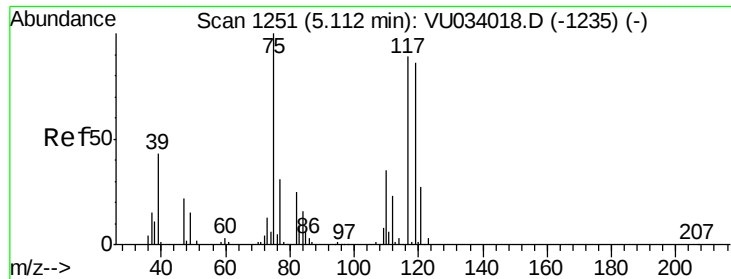
#35
 Dibromofluoromethane
 Concen: 46.959 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Tgt Ion:113 Resp: 231148
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 21.2 17.1 25.7



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

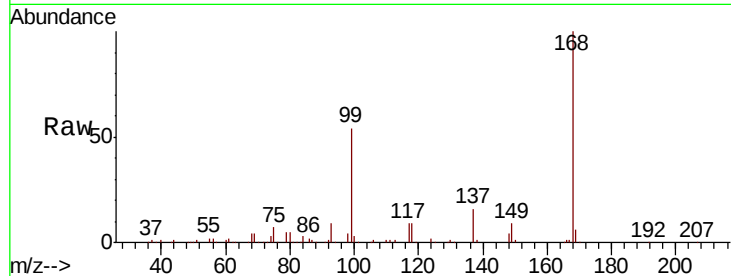




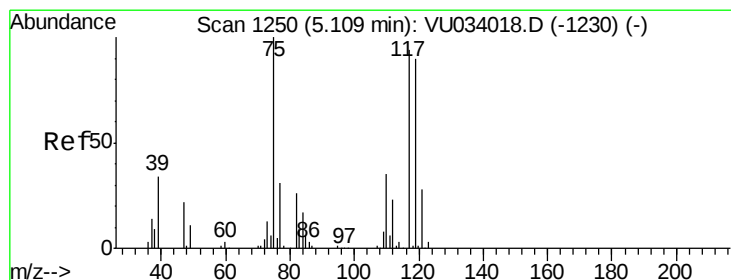
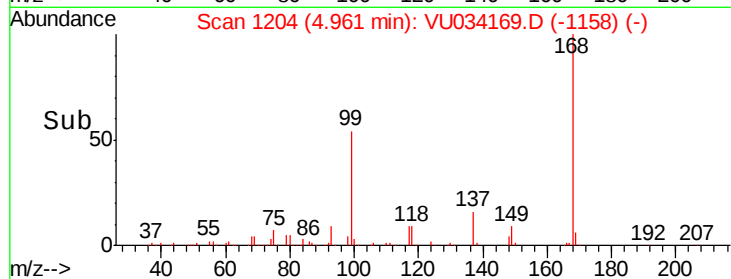
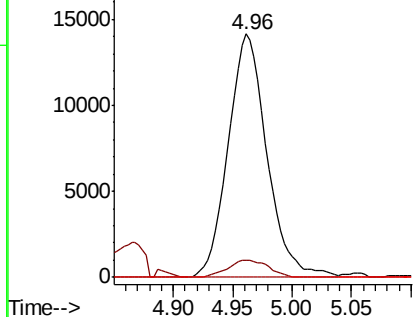
#36
 1,1-Dichloropropene
 Concen: 4.755 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.8	53.5#
77	0.0	25.0	37.4#

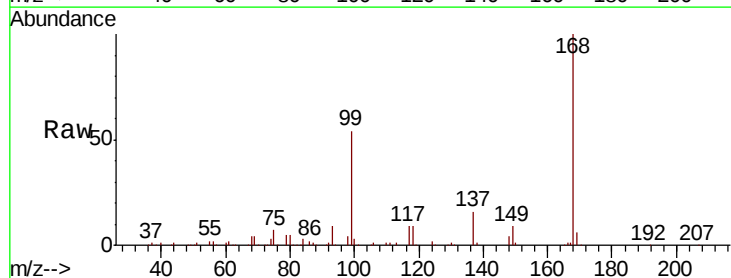


Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-1235) (-)
 Ion 109.90 (109.60 to 110.60): VU034018.D (-1235) (-)
 Ion 76.90 (76.60 to 77.60): VU034018.D (-1235) (-)

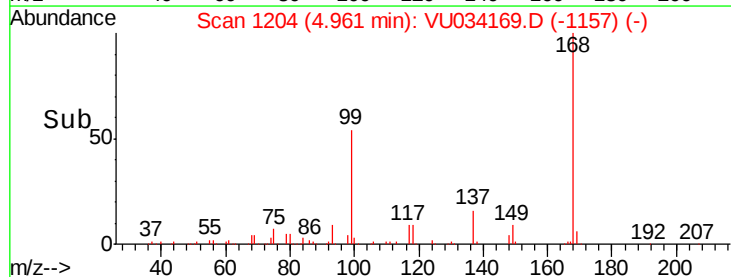
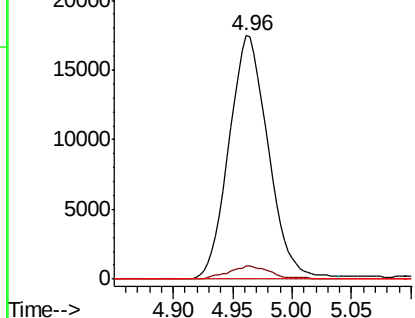


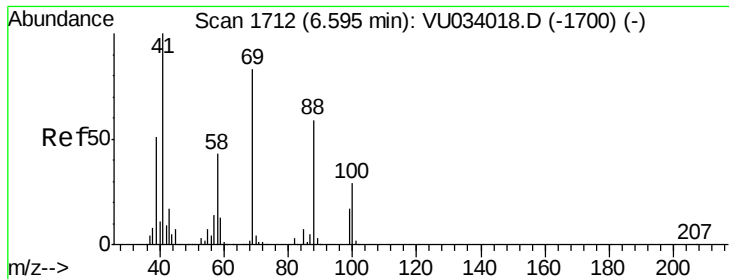
#38
 Carbon Tetrachloride
 Concen: 6.191 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.0	115.4#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-1230) (-)
 Ion 118.80 (118.50 to 119.50): VU034018.D (-1230) (-)
 Ion 120.80 (120.50 to 121.50): VU034018.D (-1230) (-)

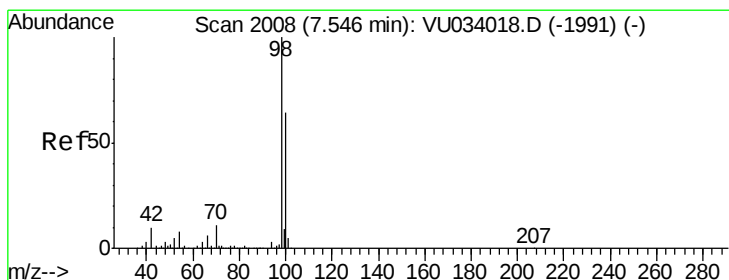
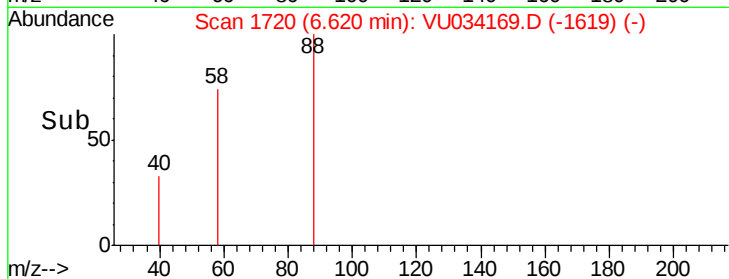
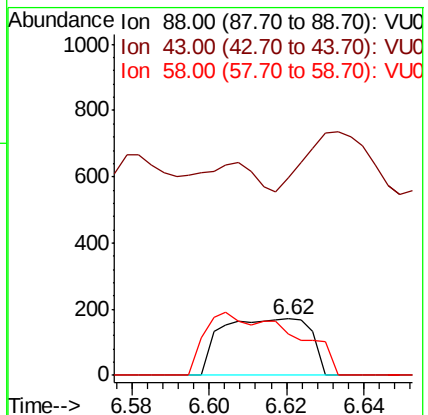
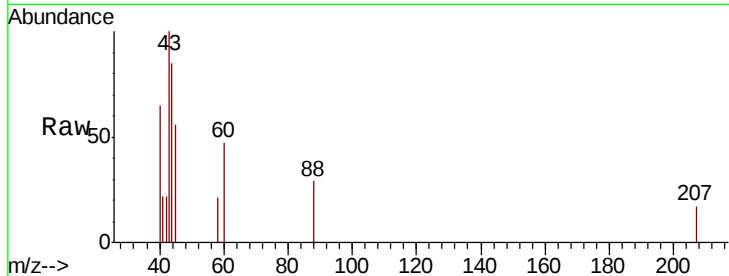




#49
1,4-Dioxane
Concen: 1.967 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.03 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

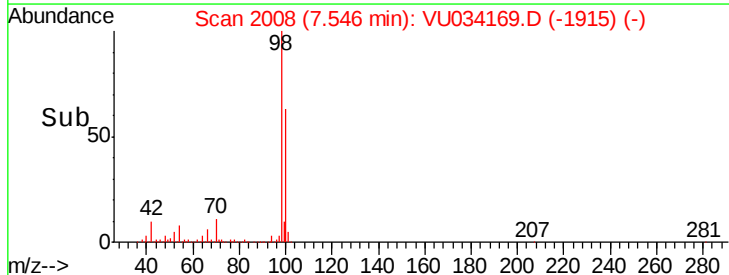
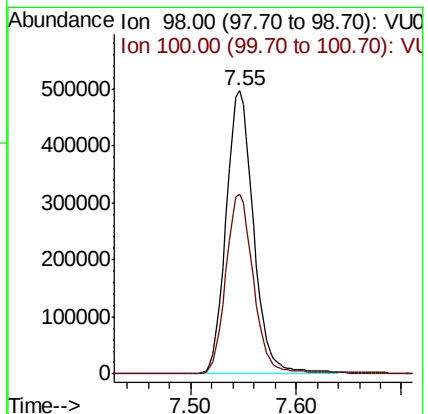
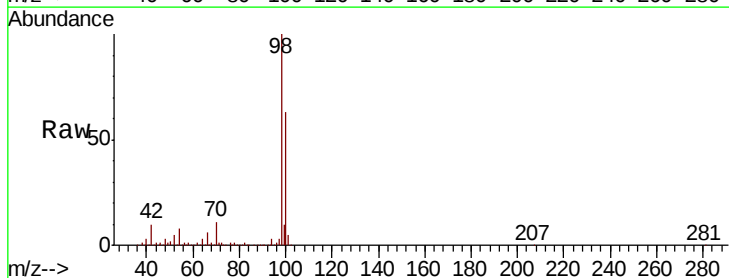
Instrument :
MSVOA_U
ClientSampleId :

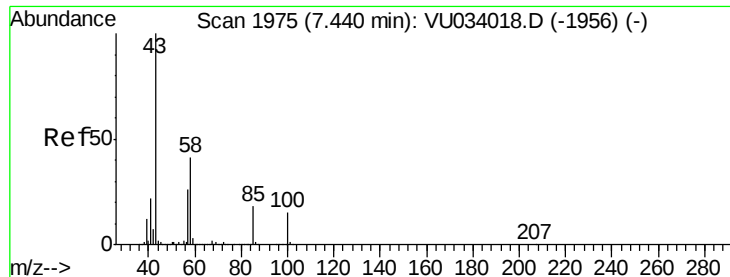
Tot Ion: 88 Resp: 272
Ion Ratio Lower Upper
88 100
43 77.2 24.8 37.2#
58 0.0 59.3 88.9#



#50
Toluene-d8
Concen: 48.605 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Tgt Ion: 98 Resp: 895826
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 0.438 ug/l

RT: 7.45 min Scan# 1979

Delta R.T. 0.01 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

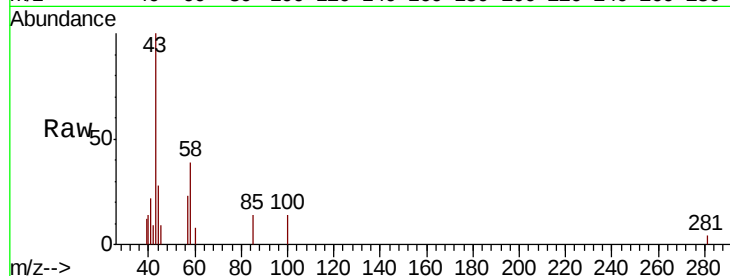
ClientSampleId :

Tot Ion: 43 Resp: 3457

Ion Ratio Lower Upper

43 100

58 55.5 32.2 48.4#

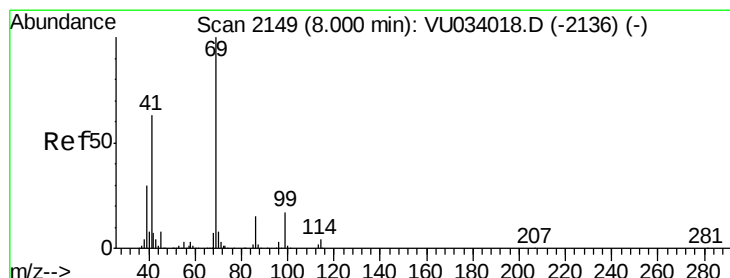
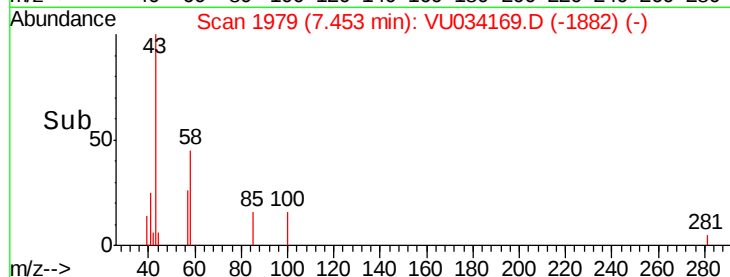


Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1956) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1956) (-)

7.45

Time-->



#56

Ethyl methacrylate

Concen: 1.018 ug/l

RT: 8.03 min Scan# 2158

Delta R.T. 0.03 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

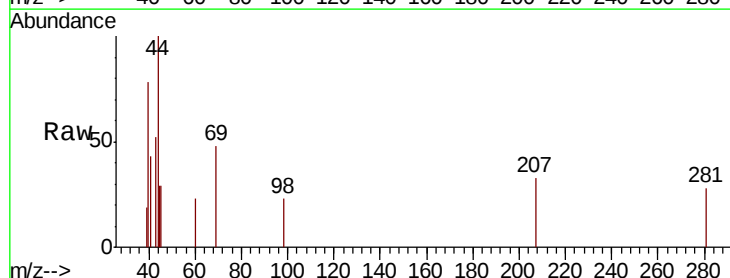
Tgt Ion: 69 Resp: 419

Ion Ratio Lower Upper

69 100

41 132.2 50.7 76.1#

39 56.6 24.2 36.2#



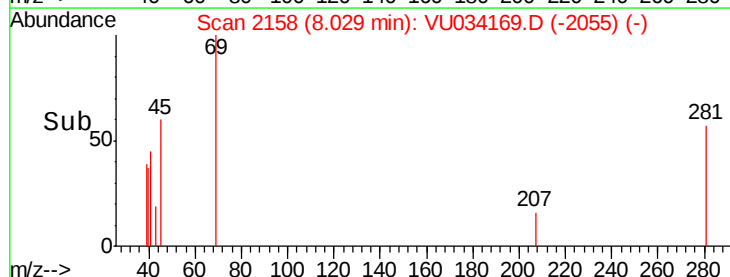
Abundance Ion 69.00 (68.70 to 69.70): VU034018.D (-2136) (-)

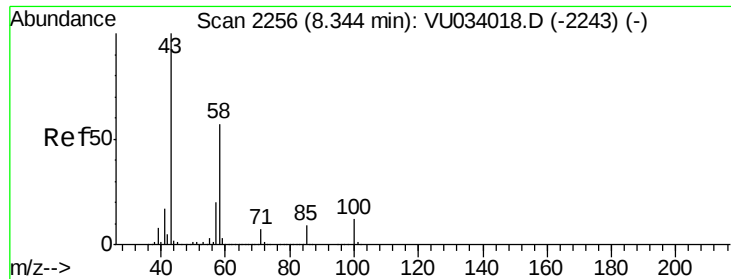
Ion 41.00 (40.70 to 41.70): VU034018.D (-2136) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-2136) (-)

8.03

Time-->

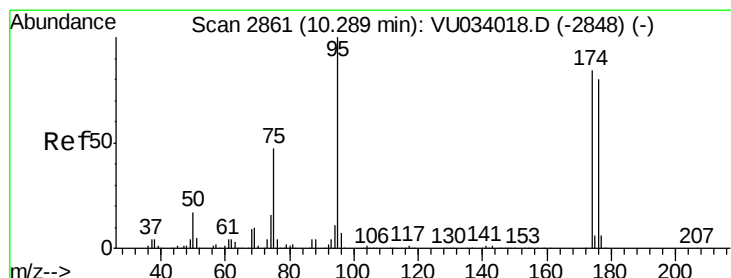
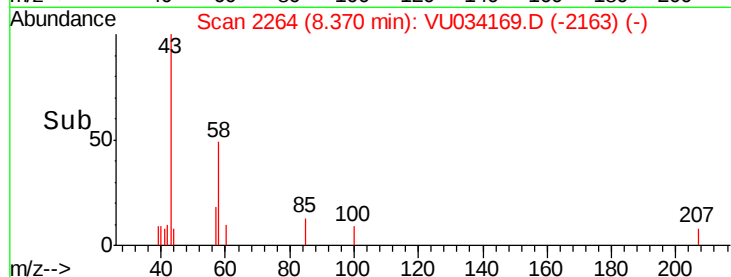
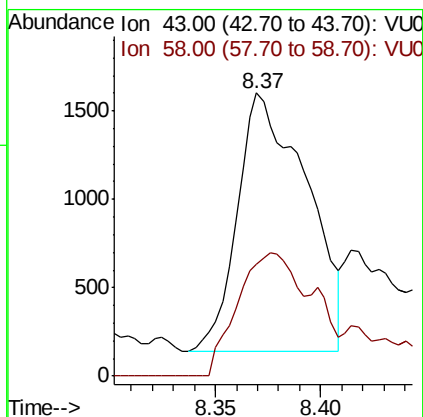
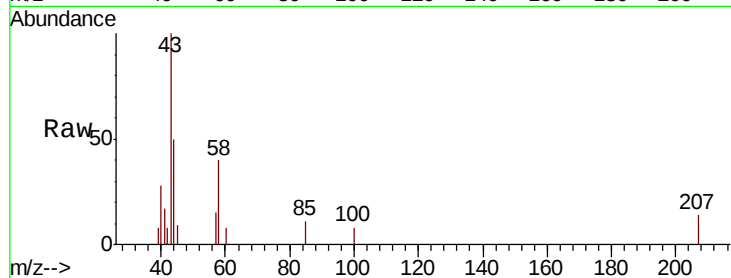




#59
2-Hexanone
Concen: 0.564 ug/l
RT: 8.37 min Scan# 2264
Delta R.T. 0.03 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

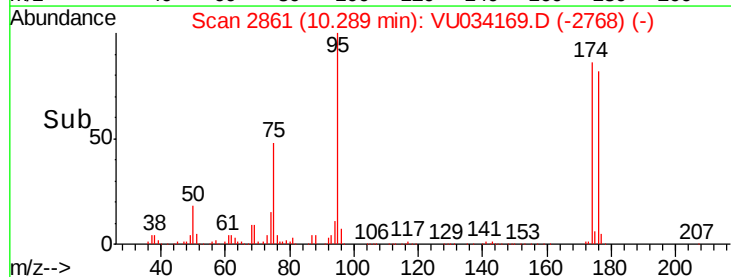
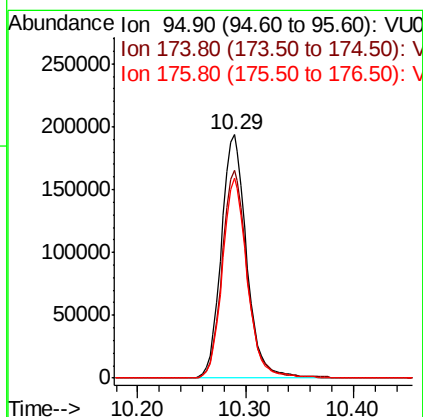
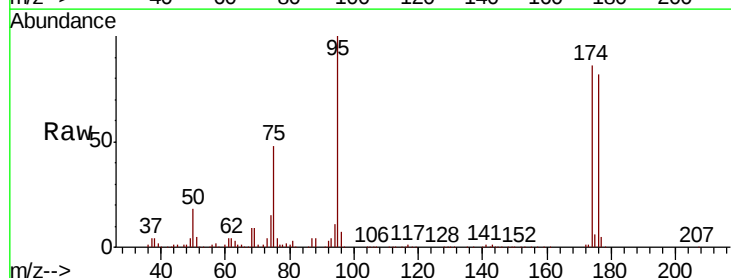
Instrument :
MSVOA_U
ClientSampled :

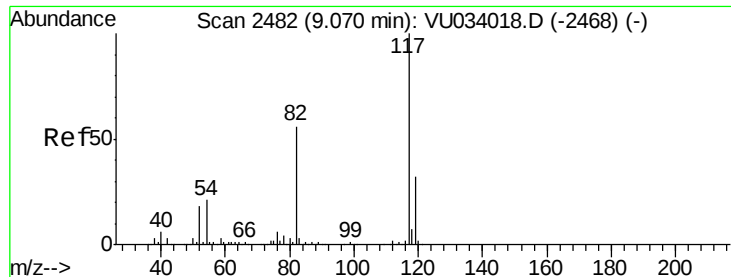
Tot Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
58 51.7 28.4 85.3



#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Tgt Ion: 95 Resp: 315823
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.8
176 81.1 0.0 161.8

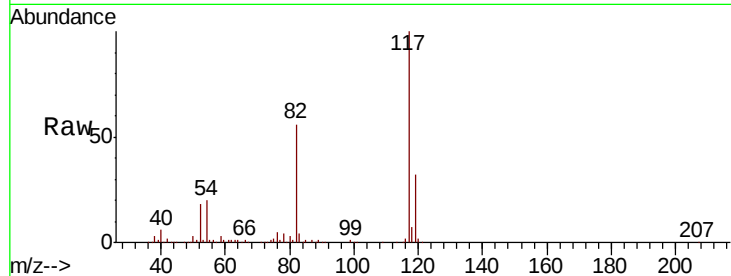




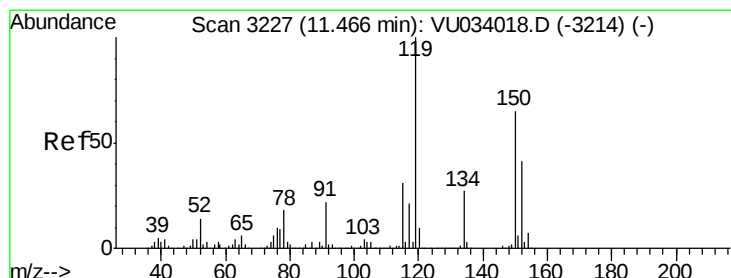
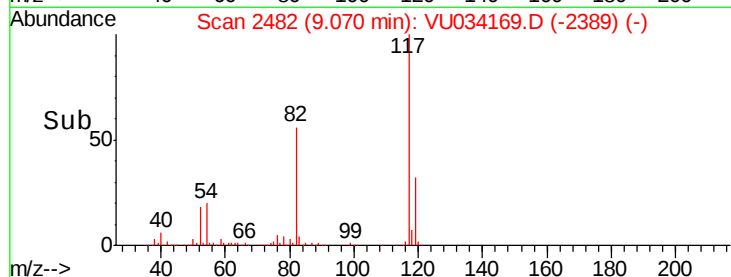
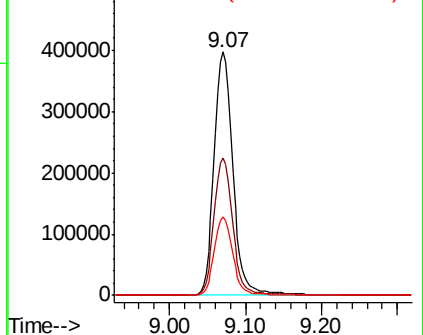
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.1	67.7
119	32.1	25.4	38.0

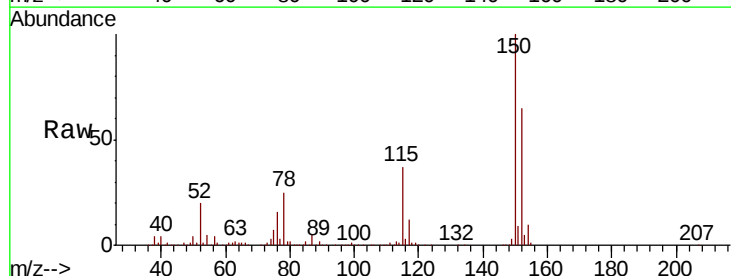


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

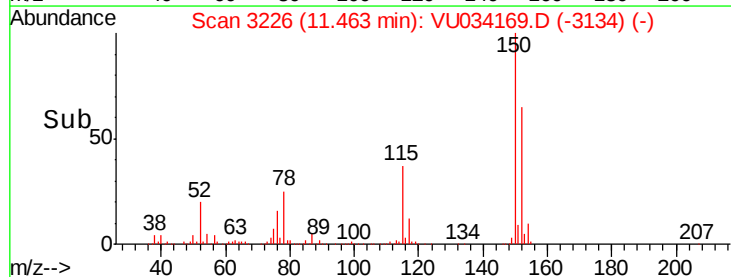
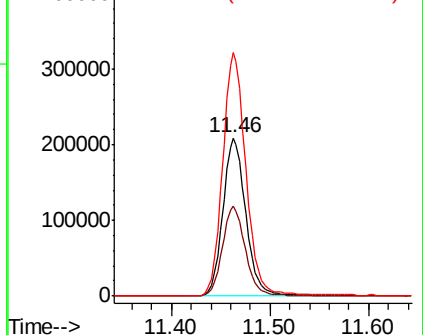


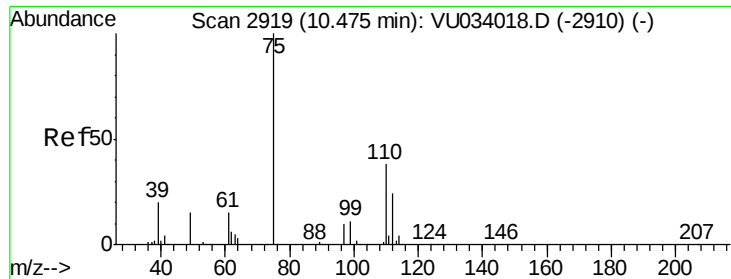
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034169.D
Acq: 01 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	156.1	0.0	348.8



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: 19.813 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

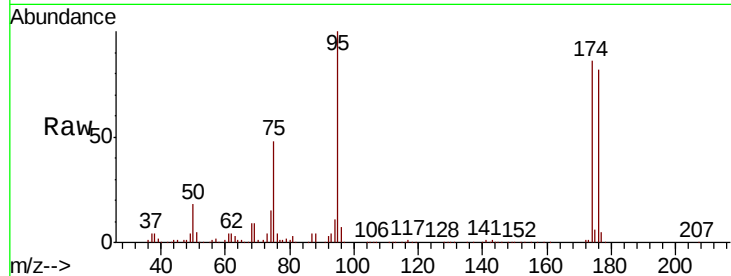
ClientSampled :

Tot Ion: 75 Resp: 152890

Ion Ratio Lower Upper

75 100

77 1.3 20.1 60.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.29

80000

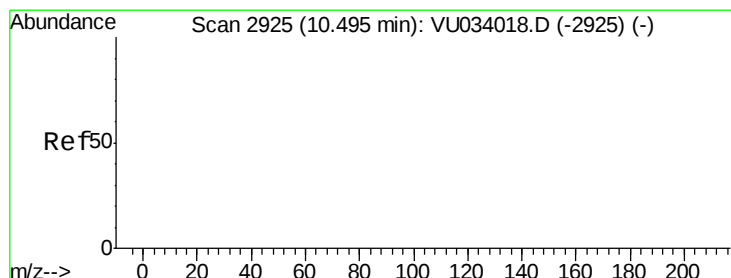
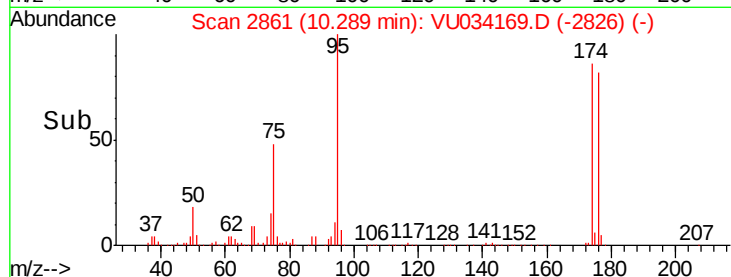
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 66.715 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

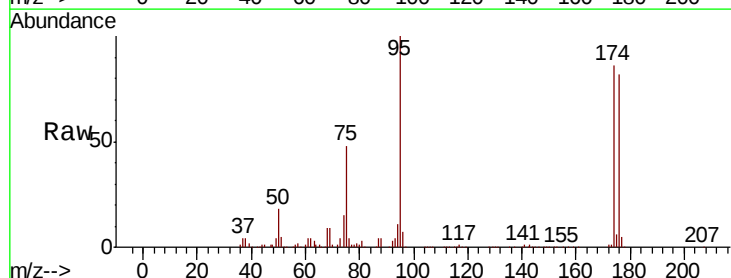
Tgt Ion: 75 Resp: 152890

Ion Ratio Lower Upper

75 100

53 0.2 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

10.29

120000

100000

80000

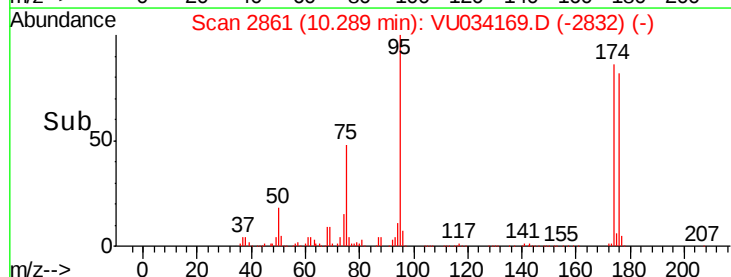
60000

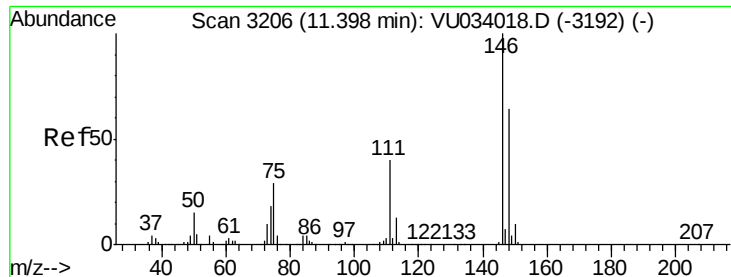
40000

20000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.230 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

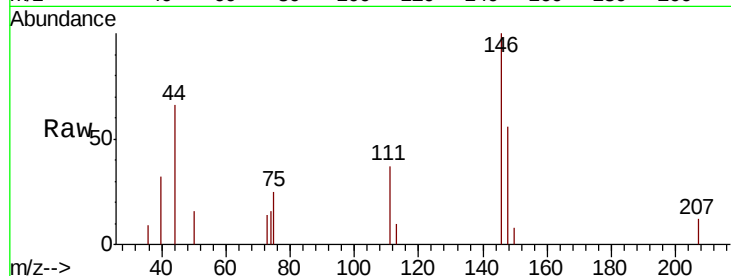
Tot Ion:146 Resp: 2515

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.6

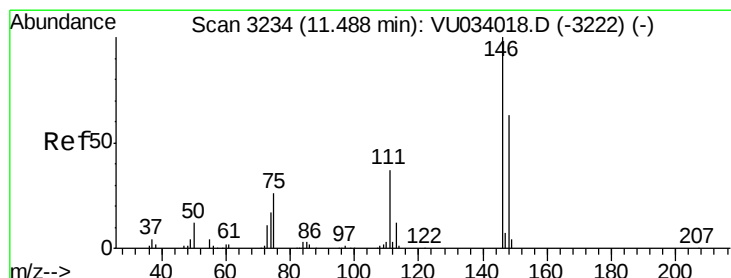
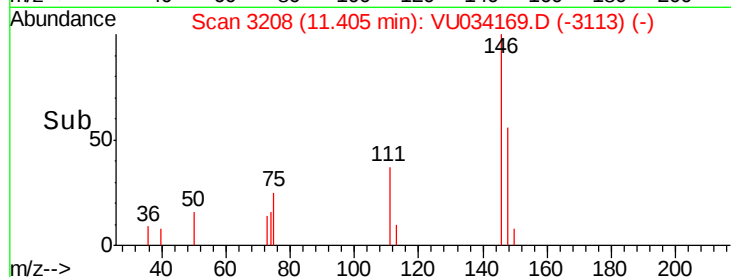
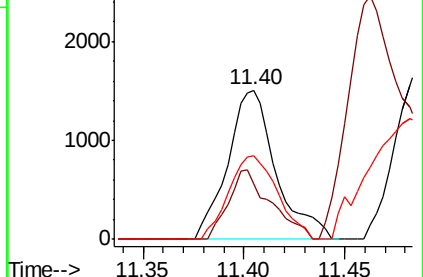
148 56.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.227 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. -0.08 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

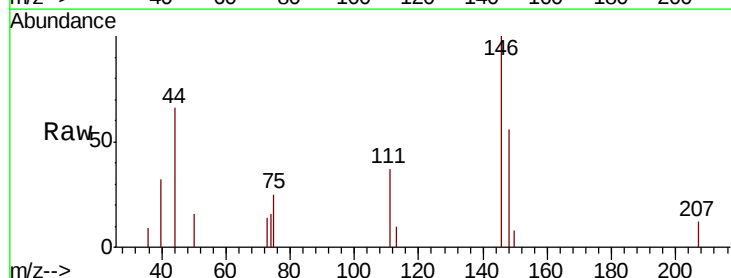
Tgt Ion:146 Resp: 2515

Ion Ratio Lower Upper

146 100

111 41.3 19.2 57.6

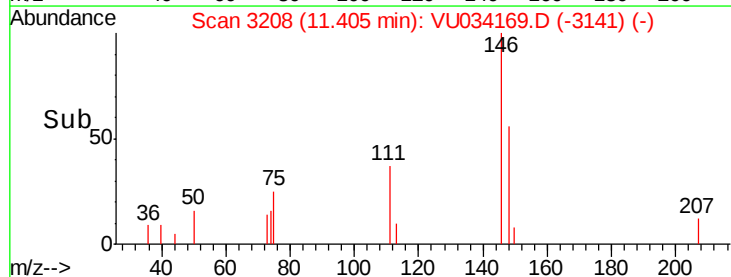
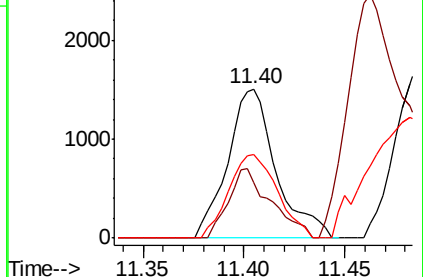
148 56.5 31.9 95.9

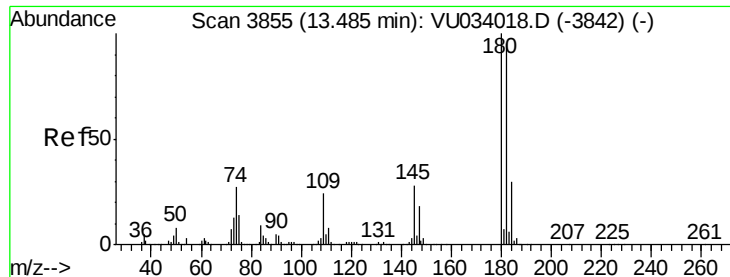


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

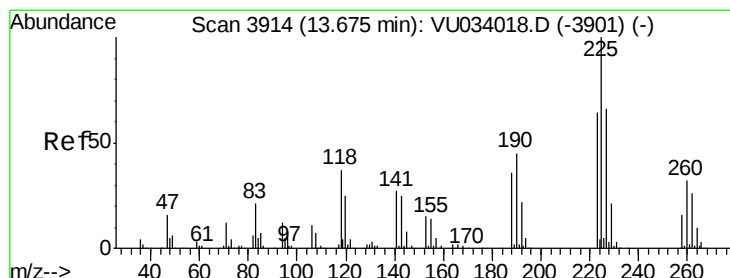
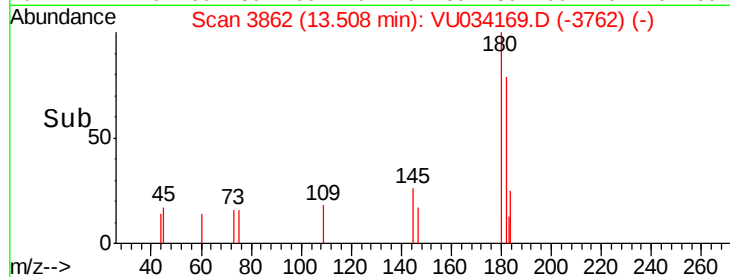
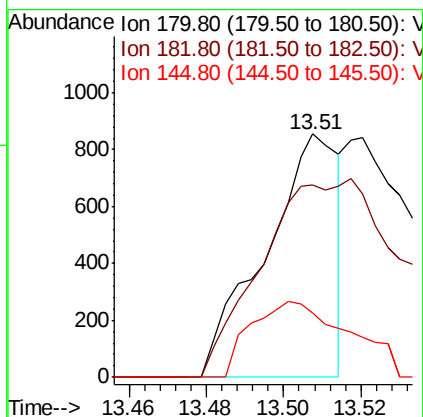
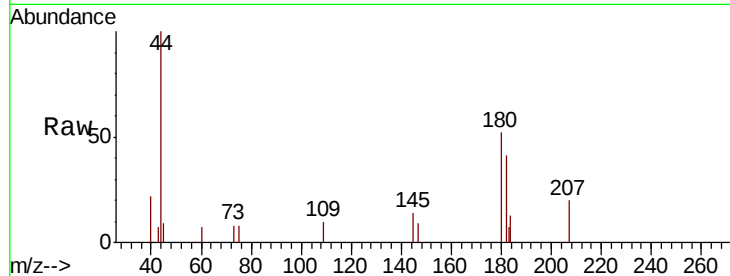




#93
 1,2,4-Trichlorobenzene
 Concen: 1.261 ug/l
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.02 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

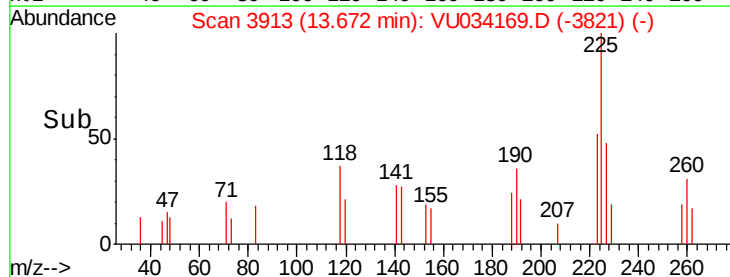
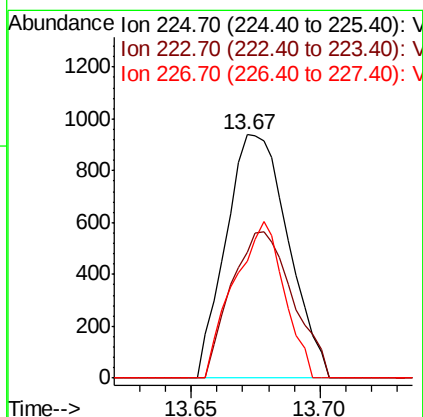
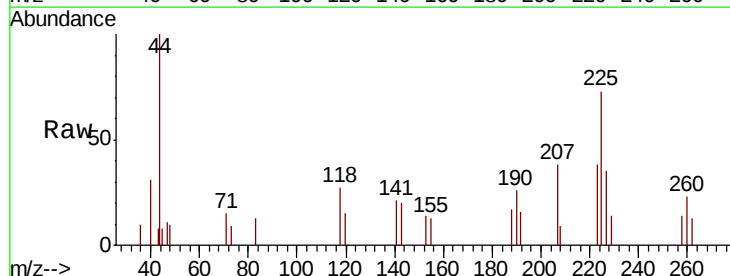
Instrument :
 MSVOA_U
 ClientSampled :

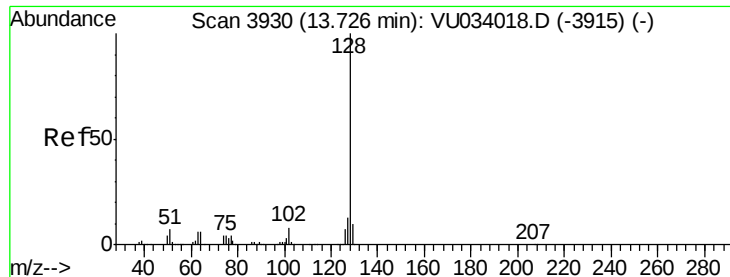
Tot Ion:180 Resp: 1120
 Ion Ratio Lower Upper
 180 100
 182 76.3 47.4 142.2
 145 41.9 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 0.385 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034169.D
 Acq: 01 Sep 2019 15:19

Tgt Ion:225 Resp: 1580
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.8 95.3
 227 52.3 32.6 97.8





#95

Naphthalene

Concen: 1.977 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

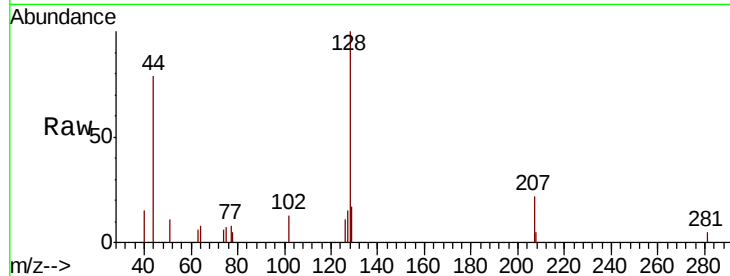
Tot Ion:128 Resp: 4148

Ion Ratio Lower Upper

128 100

127 24.4 10.2 15.4#

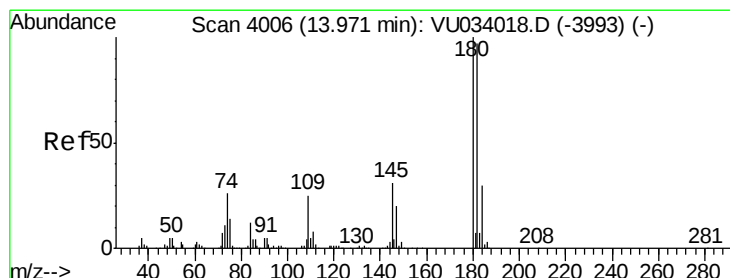
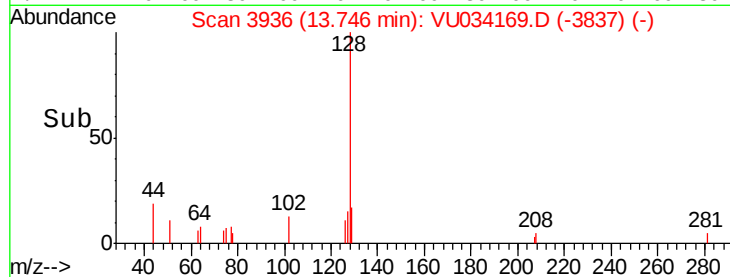
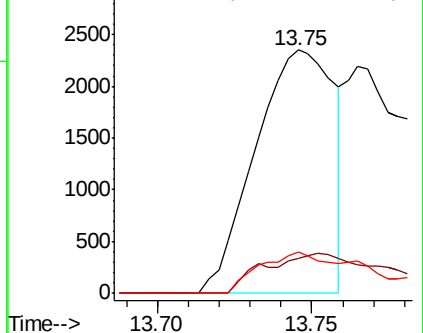
129 15.0 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.450 ug/l

RT: 13.98 min Scan# 4009

Delta R.T. 0.01 min

Lab File: VU034169.D

Acq: 01 Sep 2019 15:19

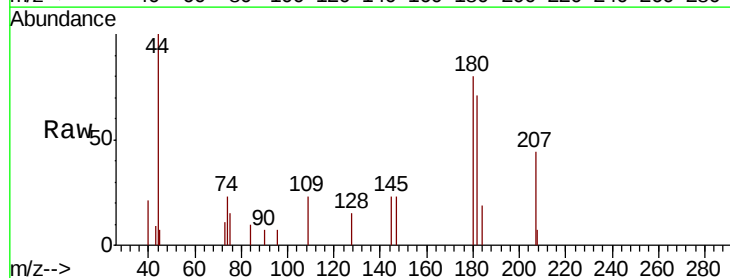
Tgt Ion:180 Resp: 3022

Ion Ratio Lower Upper

180 100

182 72.4 48.2 144.6

145 22.0 15.5 46.5



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

