

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034054.D
 Acq On : 29 Aug 2019 12:11
 Operator : JC/SP
 Sample : VU0830WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 13:47:13 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	459761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	733861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	699333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	333922	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	298617	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	4.86	113	245049	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	7.55	98	930401	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	10.29	95	314000	42.35	ug/l	0.00
Spiked Amount			Recovery	=	84.70%	

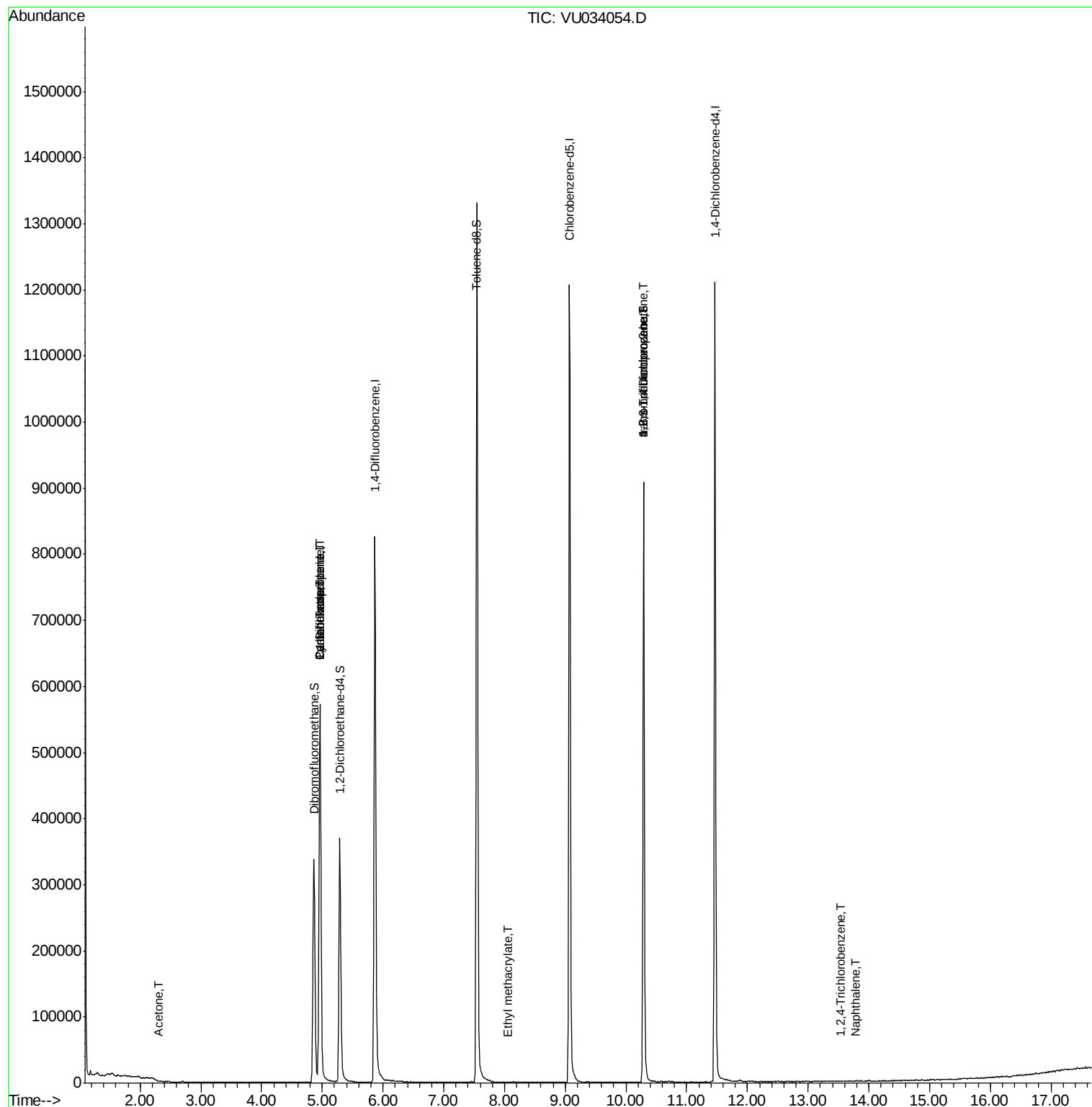
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1145	Below Cal		92
5) Bromomethane	1.57	94	52	Below Cal	#	2
16) Acetone	2.31	43	1320	0.439	ug/l	96
31) Cyclohexane	4.96	56	8649	0.983	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	33015	4.756	ug/l #	49
38) Carbon Tetrachloride	4.96	117	43053	6.426	ug/l #	16
56) Ethyl methacrylate	8.06	69	45	0.976	ug/l #	66
76) 1,2,3-Trichloropropane	10.29	75	152152	20.217	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	152152	68.075	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.55	180	289	1.153	ug/l #	34
95) Naphthalene	13.77	128	579	1.817	ug/l #	78

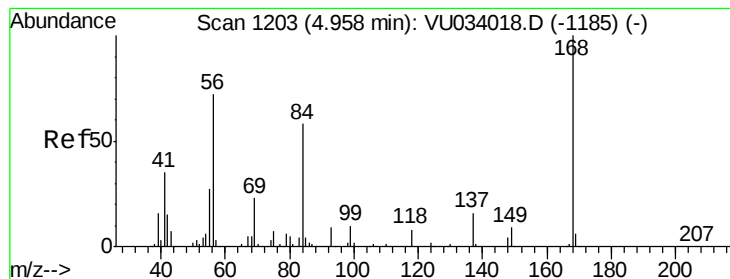
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034054.D

Acq: 29 Aug 2019 12:11

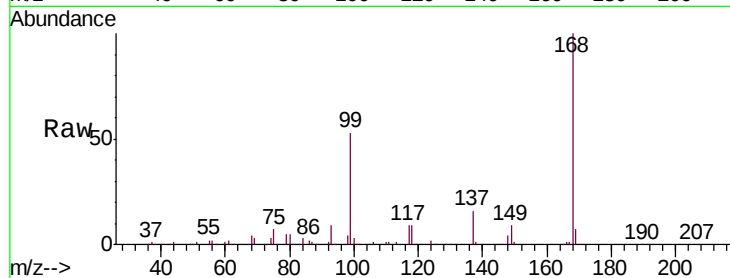
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 459761

Ion Ratio Lower Upper

168 100

99 52.8 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

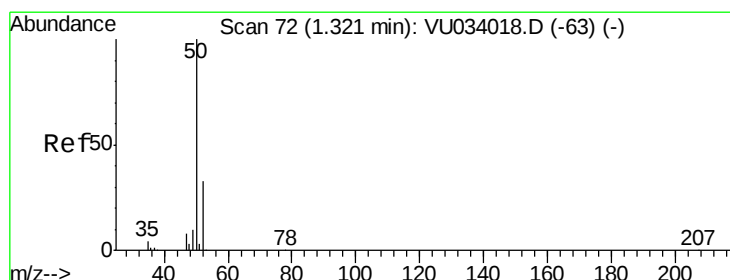
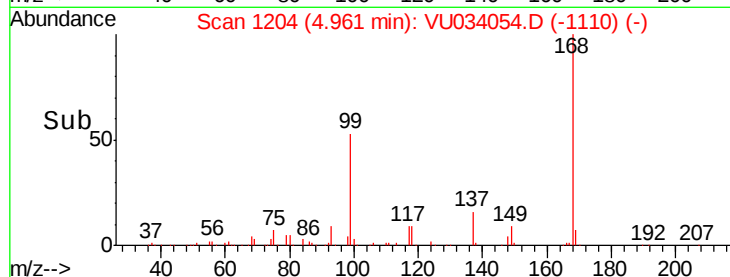
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034054.D

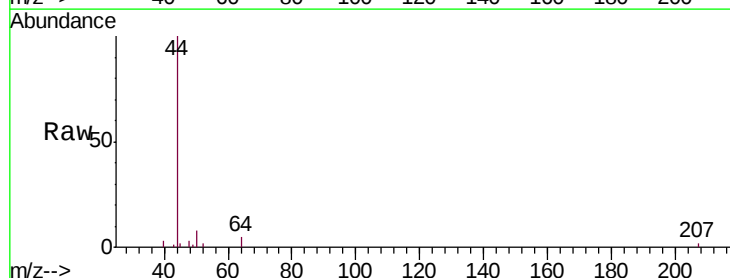
Acq: 29 Aug 2019 12:11

Tgt Ion: 50 Resp: 1145

Ion Ratio Lower Upper

50 100

52 28.2 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) (-)

1.33

800

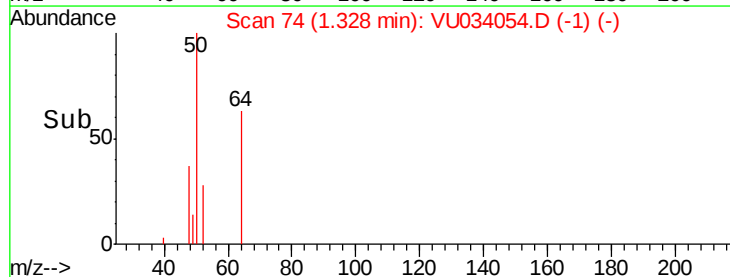
600

400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.57 min Scan# 150

Delta R.T. -0.03 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_U

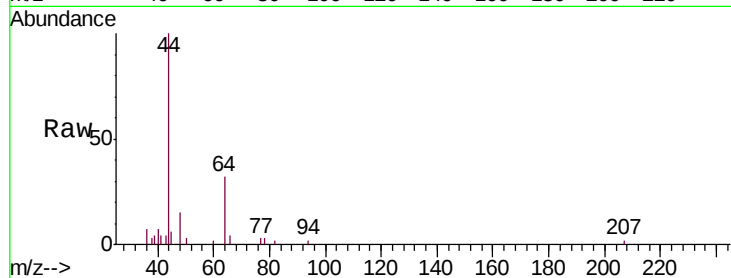
ClientSampled :

Tot Ion: 94 Resp: 52

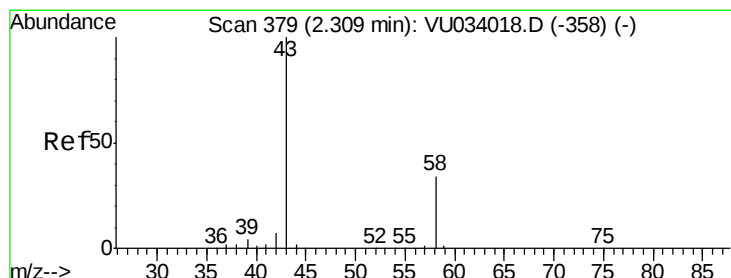
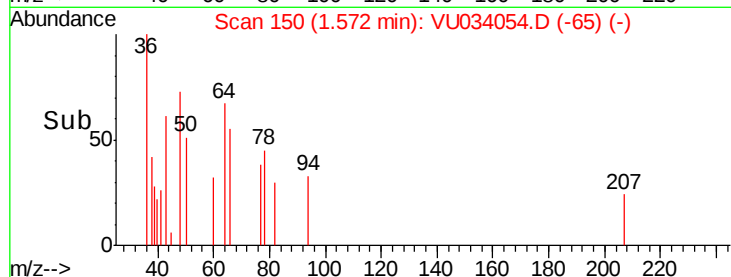
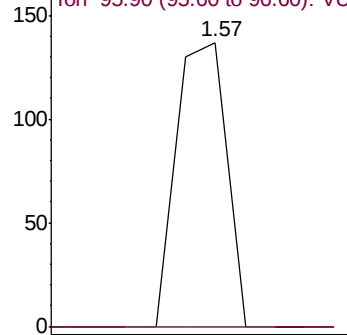
Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)



#16

Acetone

Concen: 0.439 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034054.D

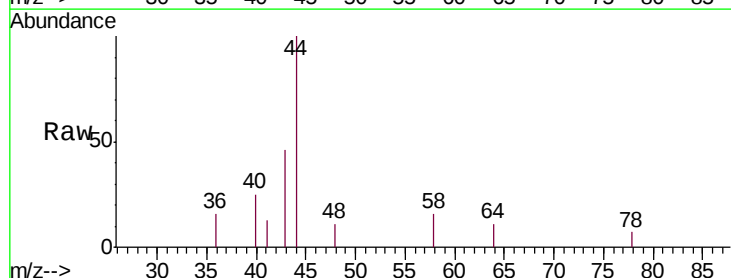
Acq: 29 Aug 2019 12:11

Tgt Ion: 43 Resp: 1320

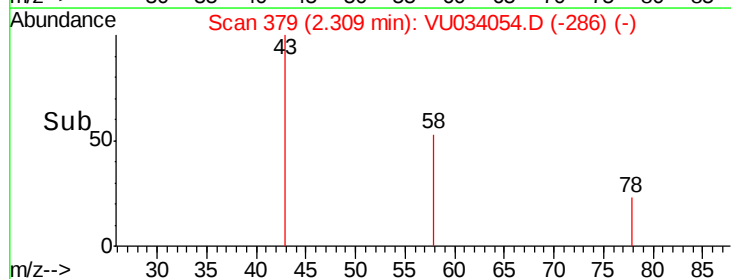
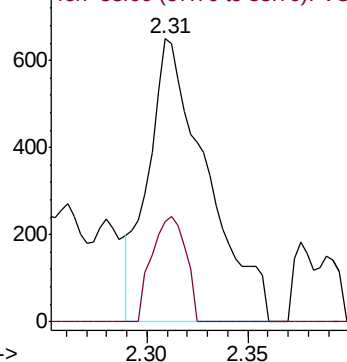
Ion Ratio Lower Upper

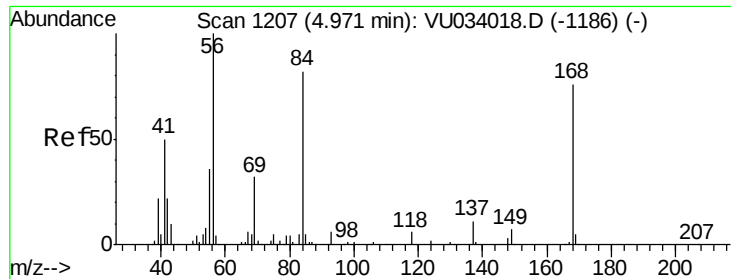
43 100

58 35.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

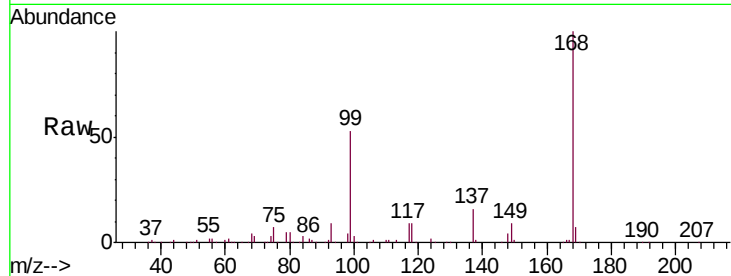




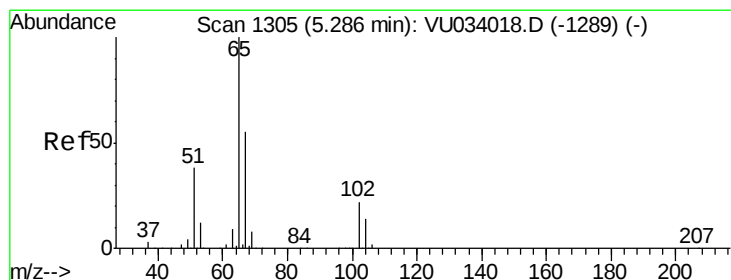
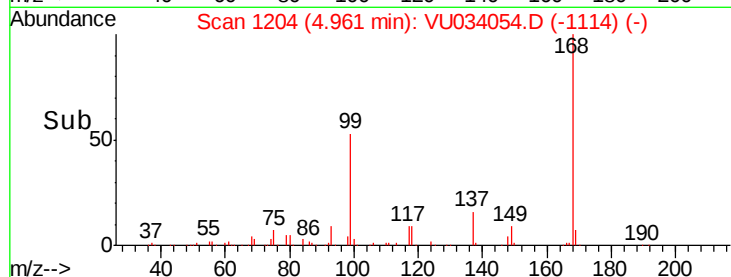
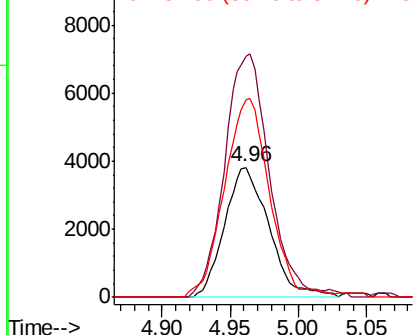
#31
Cyclohexane
Concen: 0.983 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 8649
Ion Ratio Lower Upper
56 100
69 185.7 25.4 38.0#
84 149.2 65.8 98.8#

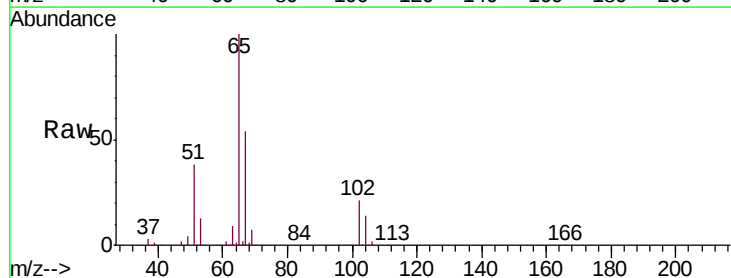


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

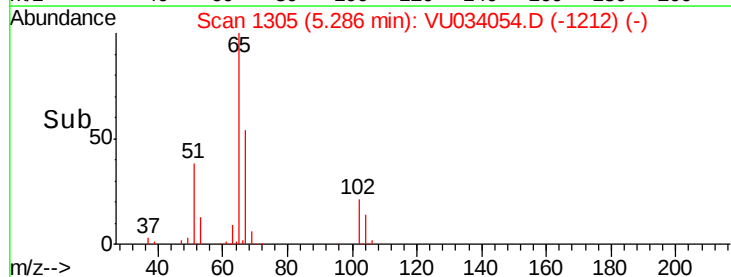
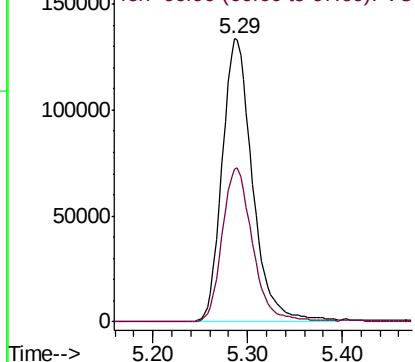


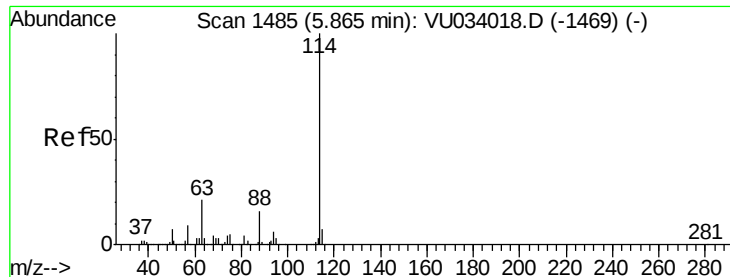
#33
1,2-Dichloroethane-d4
Concen: 50.689 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion: 65 Resp: 298617
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6



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: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

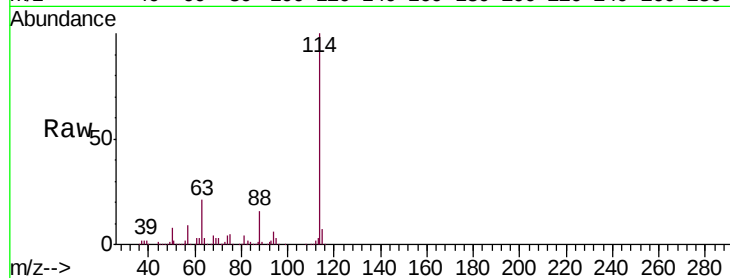
Tot Ion:114 Resp: 733861

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

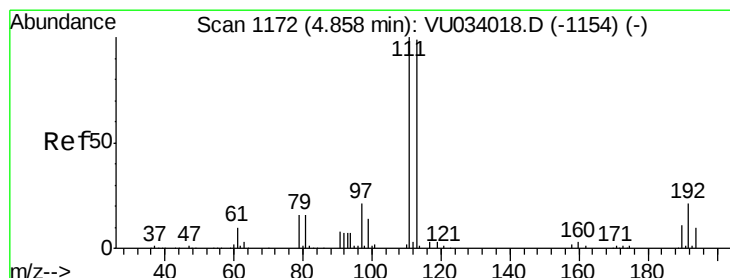
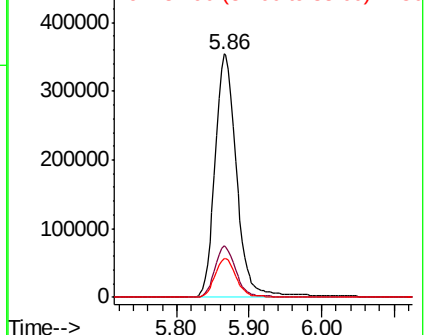
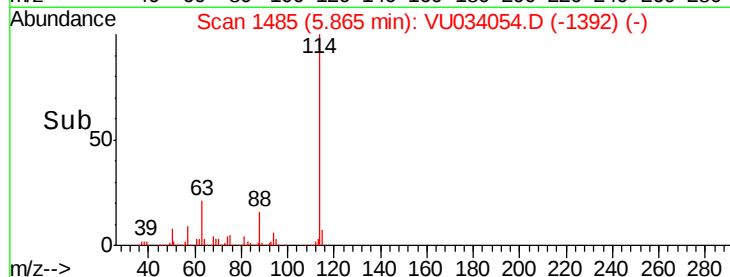
88 16.0 0.0 32.0



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: 48.143 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

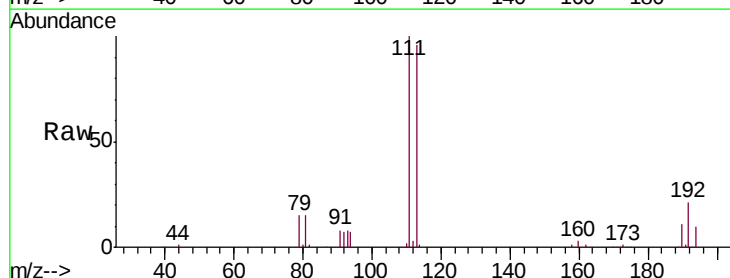
Tgt Ion:113 Resp: 245049

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

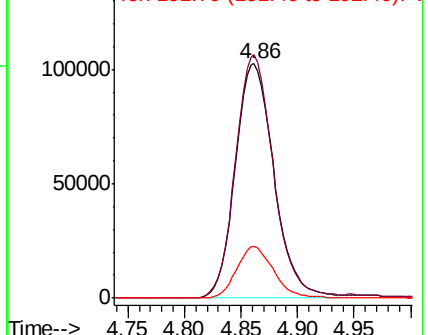
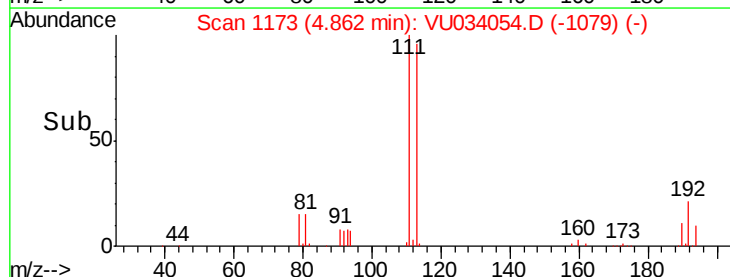
192 21.2 17.1 25.7

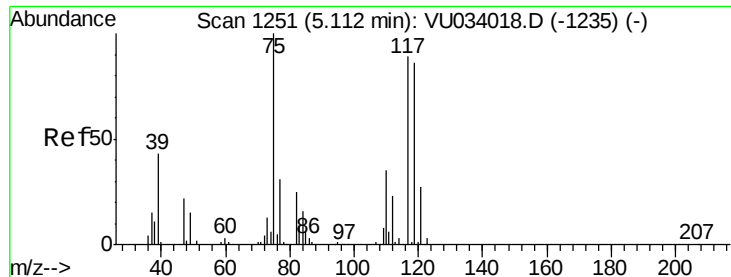


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

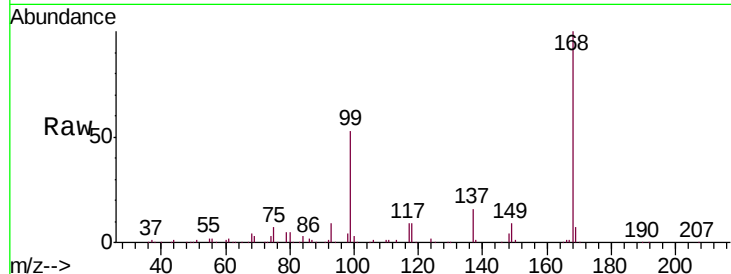




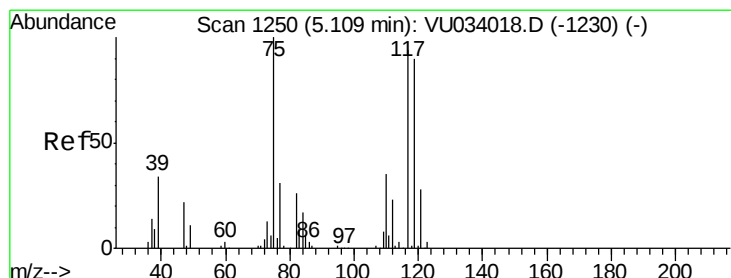
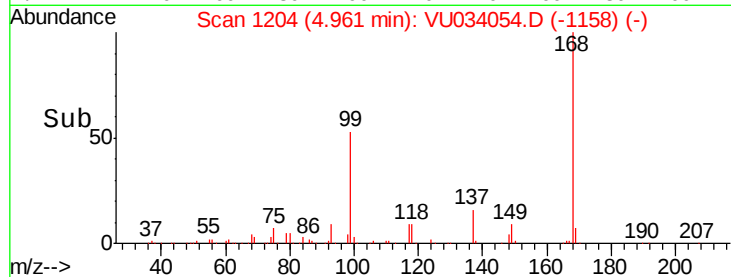
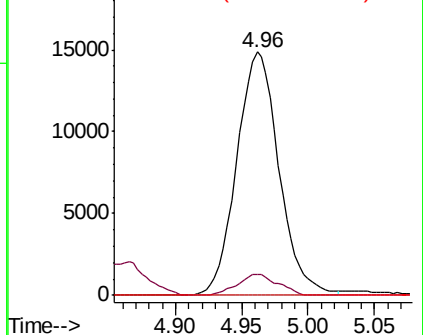
#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034054.D
 Acq: 29 Aug 2019 12:11

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	75	Resp	33015
Ion Ratio	100	Lower	Upper
110	8.3	17.8	53.5#
77	0.0	25.0	37.4#

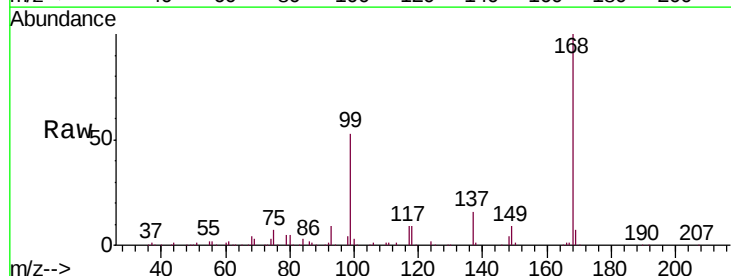


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

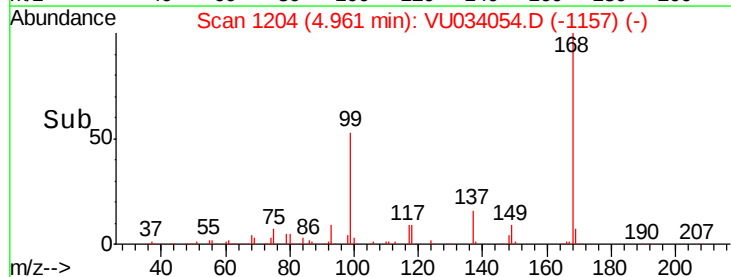
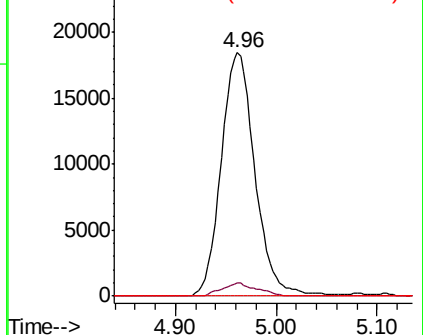


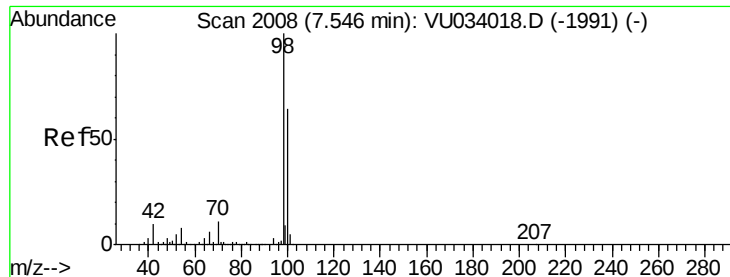
#38
 Carbon Tetrachloride
 Concen: 6.426 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034054.D
 Acq: 29 Aug 2019 12:11

Tgt Ion	117	Resp	43053
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.4	77.0	115.4#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

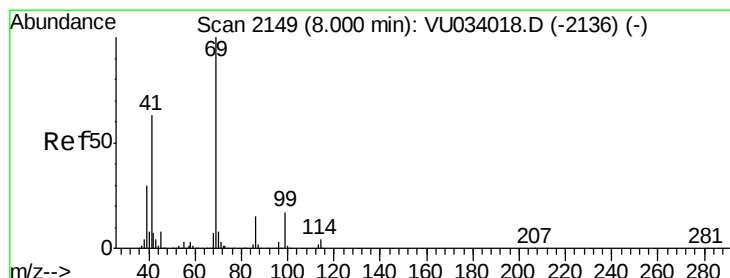
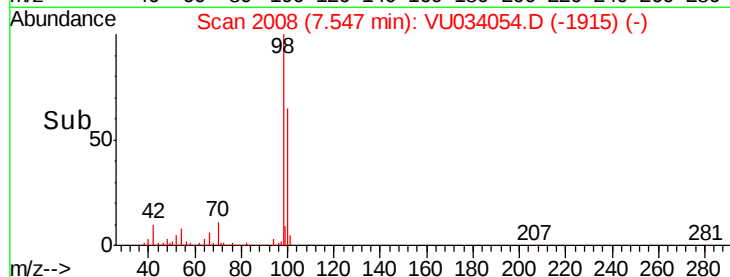
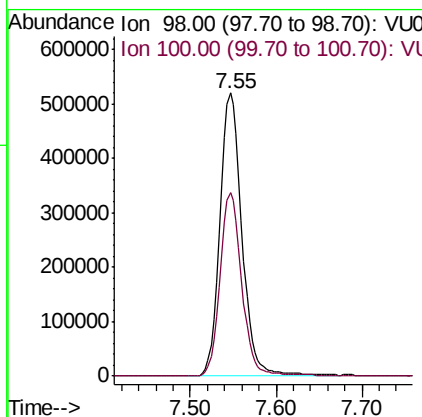
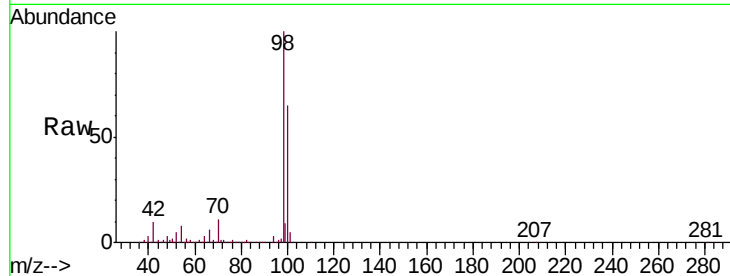




#50
Toluene-d8
Concen: 48.817 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

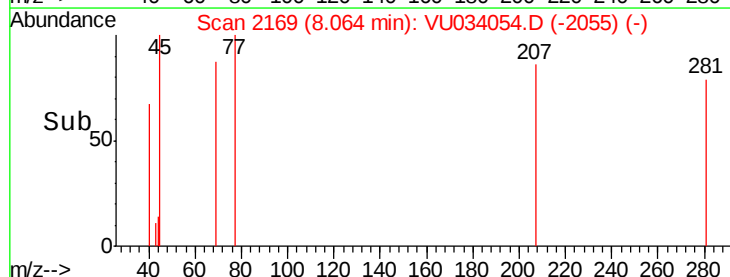
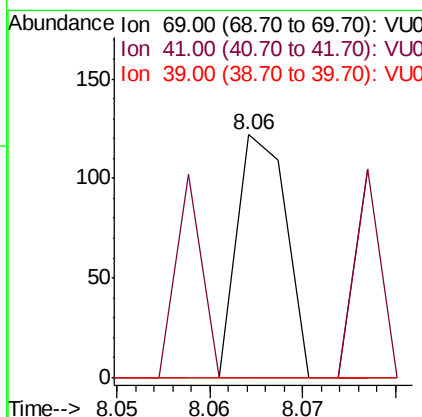
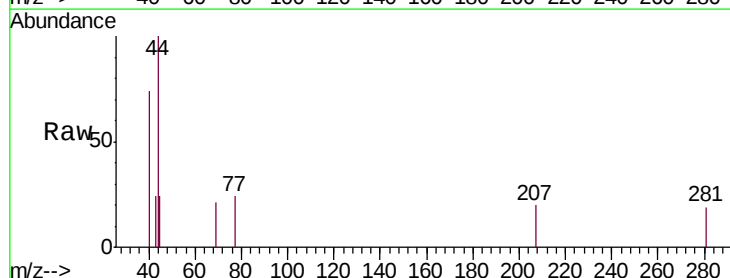
Instrument :
MSVOA_U
ClientSampleId :

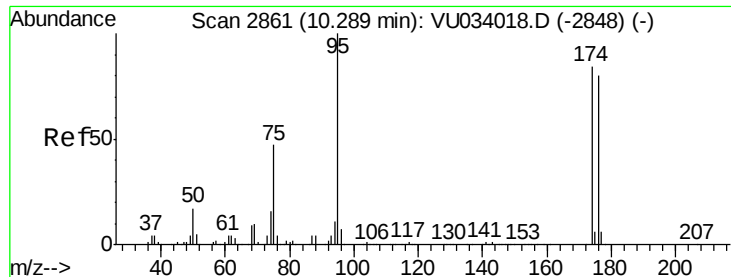
Tot Ion: 98 Resp: 930401
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#56
Ethyl methacrylate
Concen: 0.976 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.07 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion: 69 Resp: 45
Ion Ratio Lower Upper
69 100
41 44.4 50.7 76.1#
39 0.0 24.2 36.2#

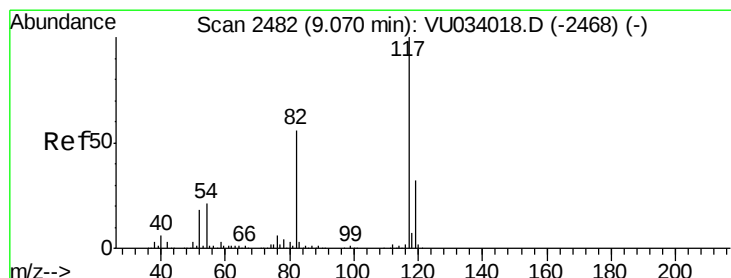
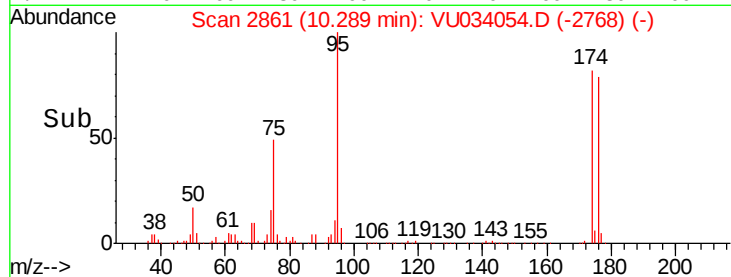
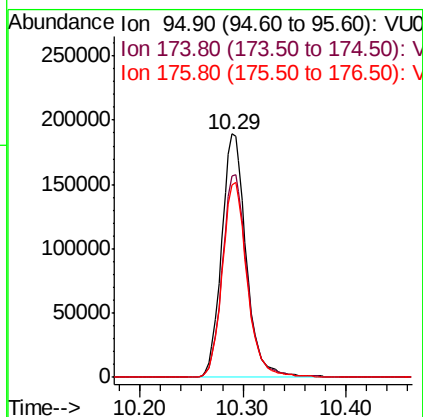
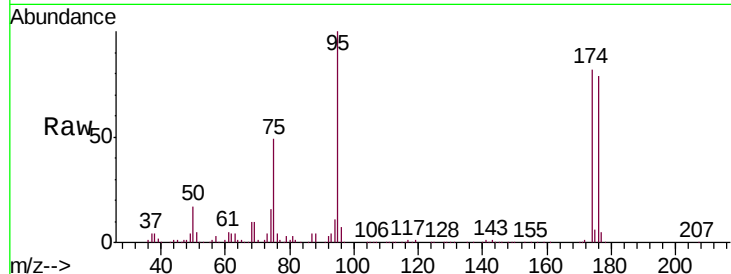




#62
4-Bromofluorobenzene
Concen: 42.354 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

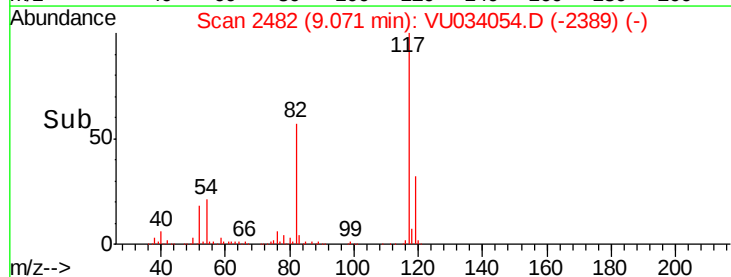
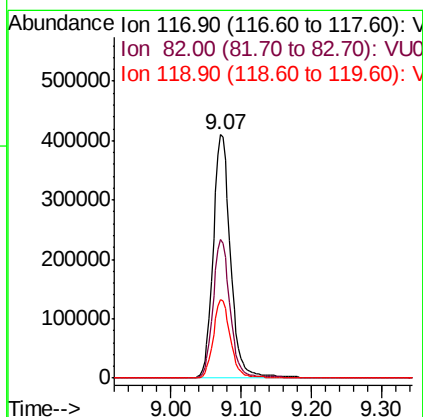
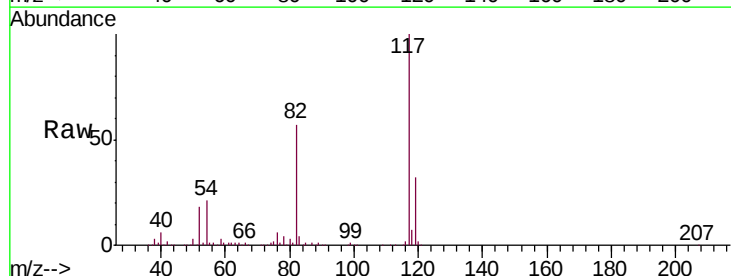
Instrument :
MSVOA_U
ClientSampleId :

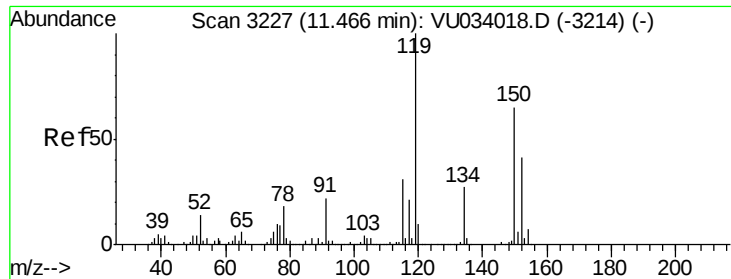
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	168.8
176	81.0	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.1	67.7
119	32.0	25.4	38.0



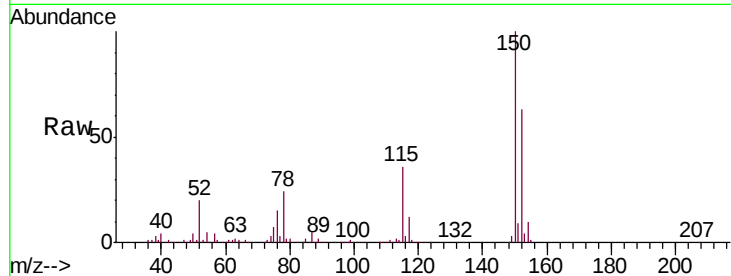


#72

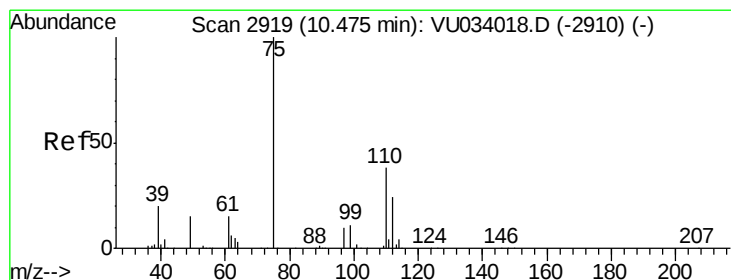
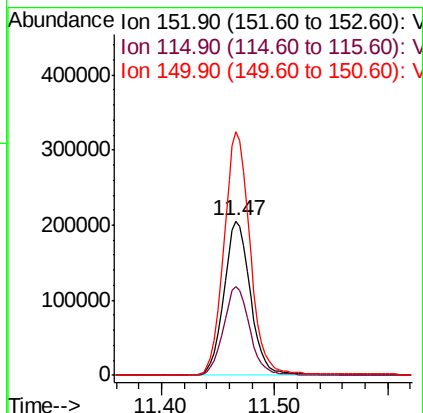
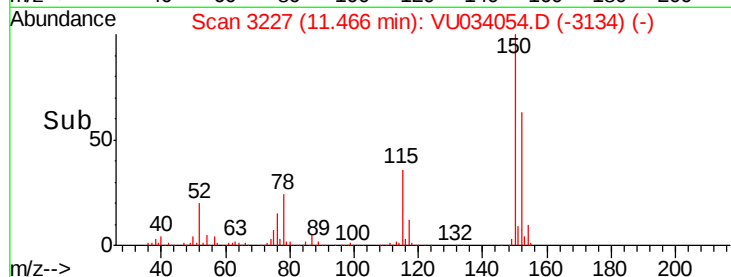
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	41.1	123.3
150	157.1	0.0	348.8



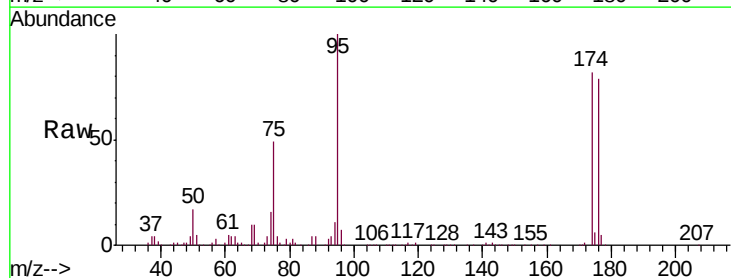
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



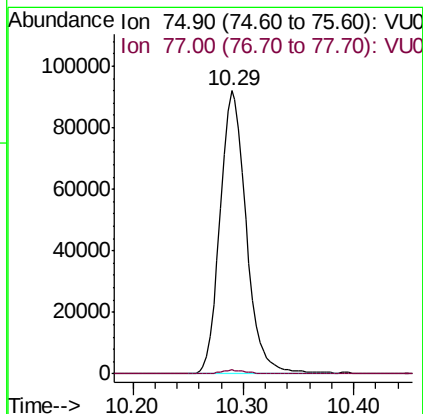
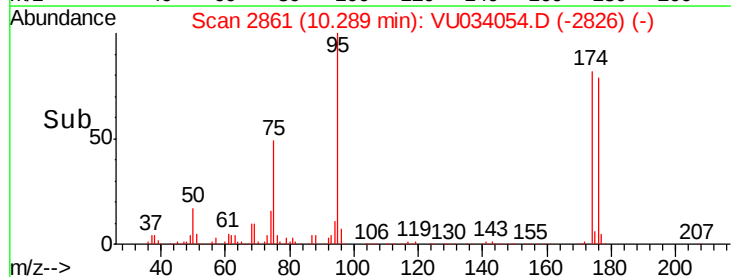
#76

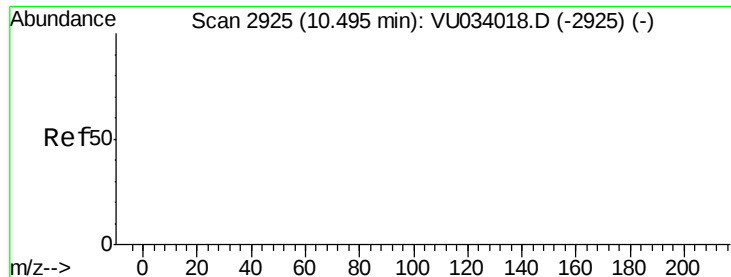
1,2,3-Trichloropropane
Concen: 20.217 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.1	60.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

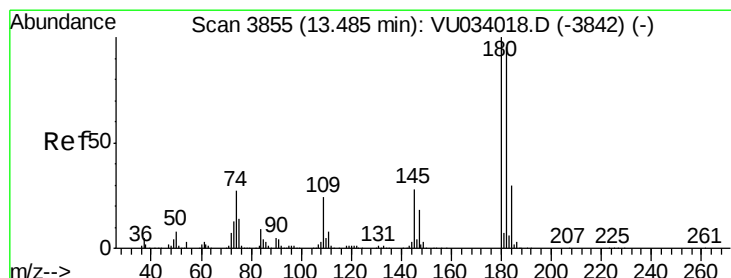
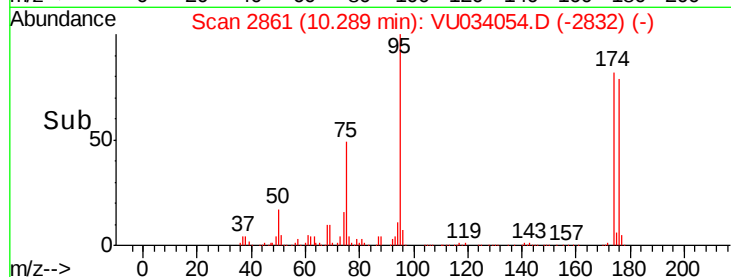
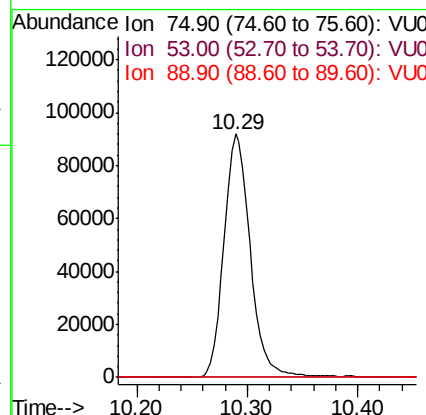
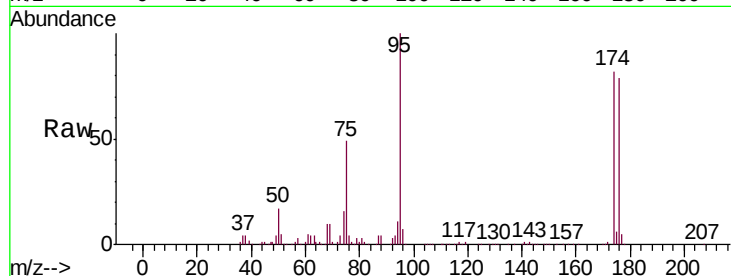




#81
trans-1,4-Dichloro-2-butene
Concen: 68.075 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

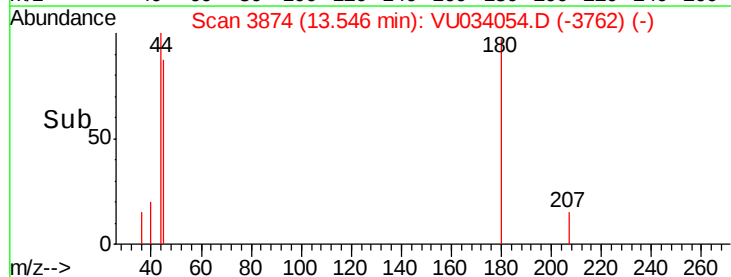
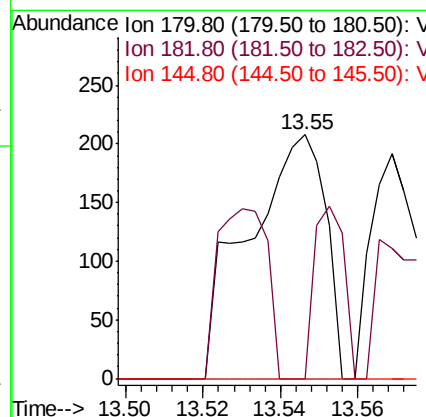
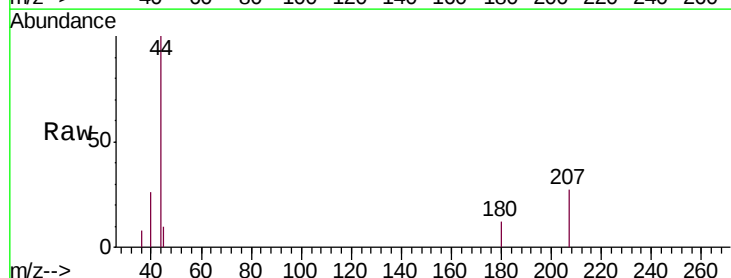
Instrument :
MSVOA_U
ClientSampleId :

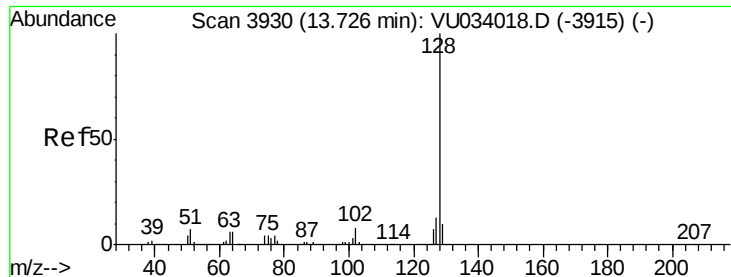
Tot Ion: 75 Resp: 152152
Ion Ratio Lower Upper
75 100
53 0.2 0.0 0.0#
89 0.0 0.0 0.0



#93
1,2,4-Trichlorobenzene
Concen: 1.153 ug/l
RT: 13.55 min Scan# 3874
Delta R.T. 0.06 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion:180 Resp: 289
Ion Ratio Lower Upper
180 100
182 26.6 47.4 142.2#
145 0.0 14.1 42.3#





#95

Naphthalene

Concen: 1.817 ug/l

RT: 13.77 min Scan# 3945

Delta R.T. 0.05 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:128 Resp: 579

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 7.1 8.4 12.6#

