

Data File : VU034215.D
Acq On : 03 Sep 2019 10:22
Operator : JC/SP
Sample : VU0904WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBL01

Quant Time: Sep 04 04:18:07 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	420861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	688550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	660871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	321069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	271415	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	4.86	113	233129	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	7.55	98	869384	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.29	95	298741	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	

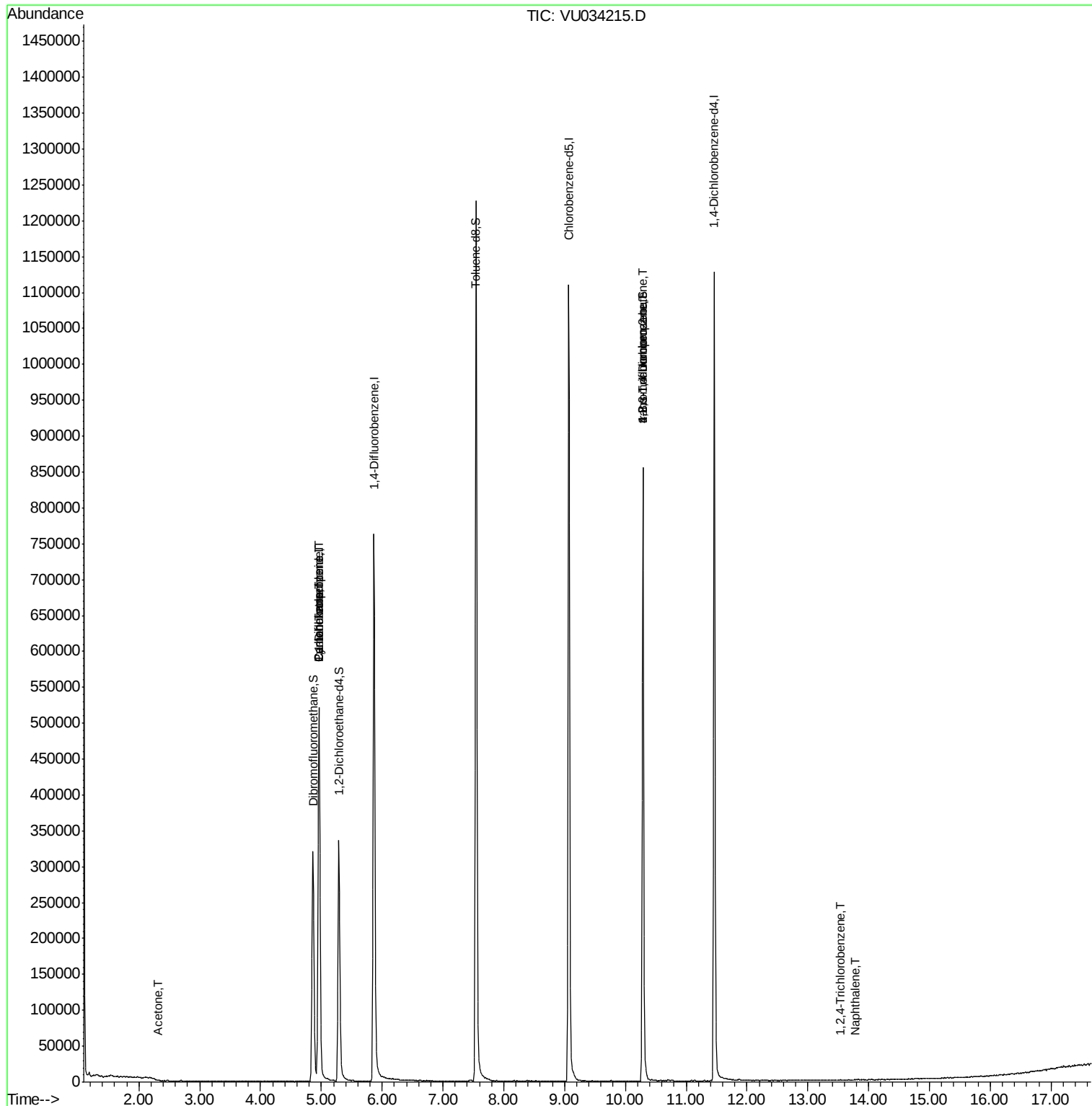
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	616	Below Cal	#	75
5) Bromomethane	1.60	94	55	Below Cal	#	2
16) Acetone	2.31	43	1512	0.550	ug/l	93
31) Cyclohexane	4.96	56	7712	0.958	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	30316	4.655	ug/l #	48
38) Carbon Tetrachloride	4.96	117	40164	6.389	ug/l #	16
76) 1,2,3-Trichloropropane	10.29	75	142968	19.757	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	142968	66.526	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.53	180	190	1.140	ug/l #	52
95) Naphthalene	13.76	128	434	1.811	ug/l #	70

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

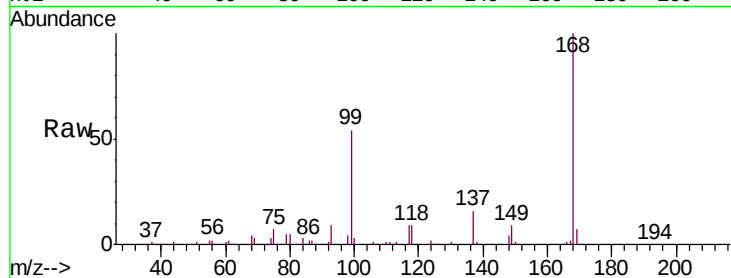
VU0904WBL01

Tgt Ion: 168 Resp: 420861

Ion Ratio Lower Upper

168 100

99 54.0 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

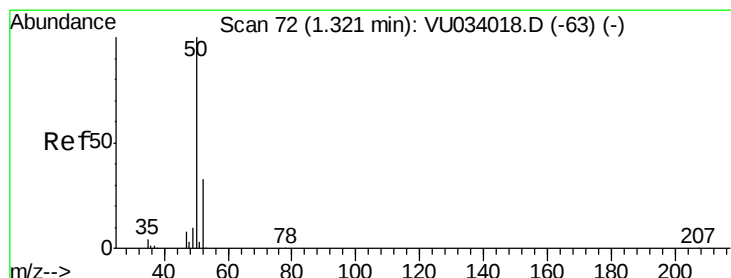
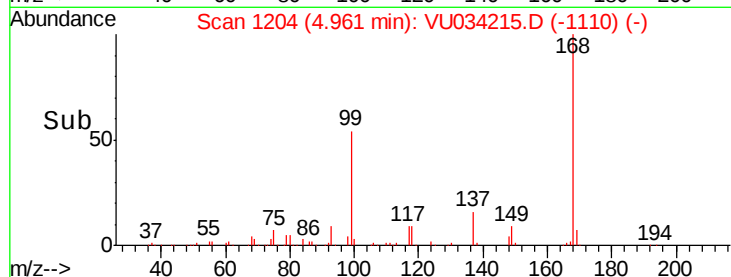
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034215.D

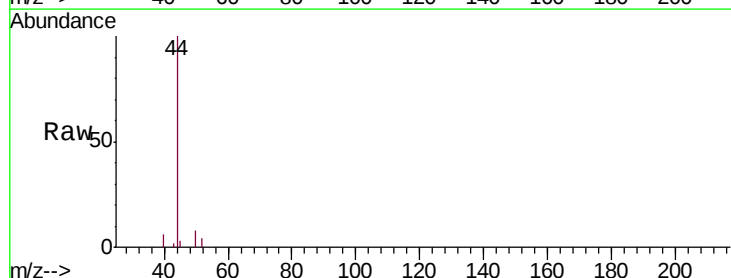
Acq: 03 Sep 2019 10:22

Tgt Ion: 50 Resp: 616

Ion Ratio Lower Upper

50 100

52 46.7 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

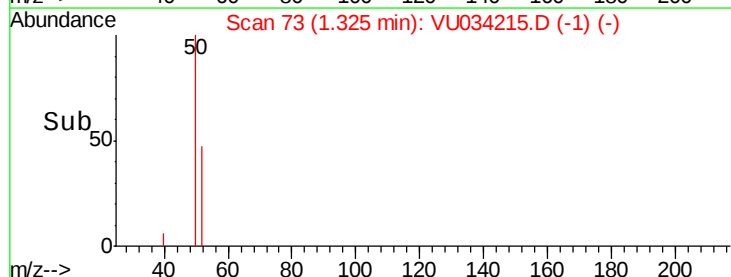
600

400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

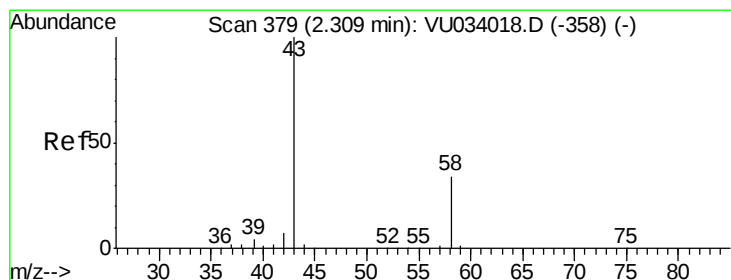
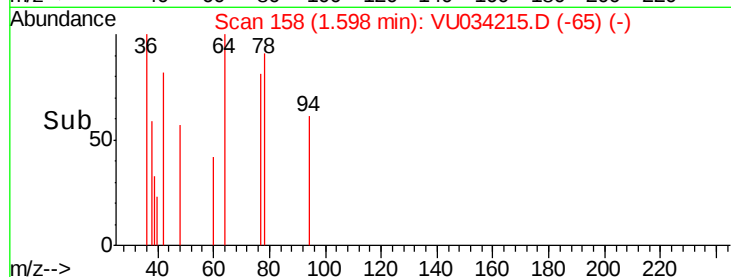
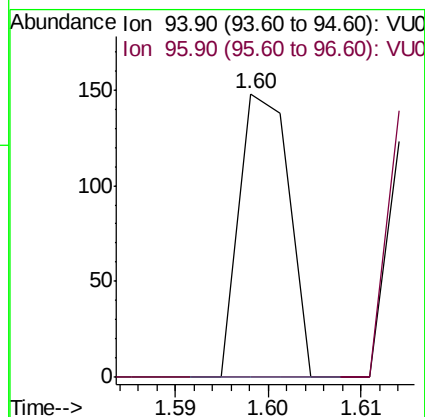
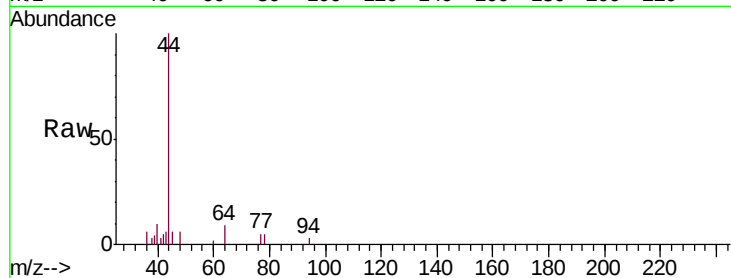
VU0904WBL01

Tgt Ion: 94 Resp: 55

Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



#16

Acetone

Concen: 0.550 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034215.D

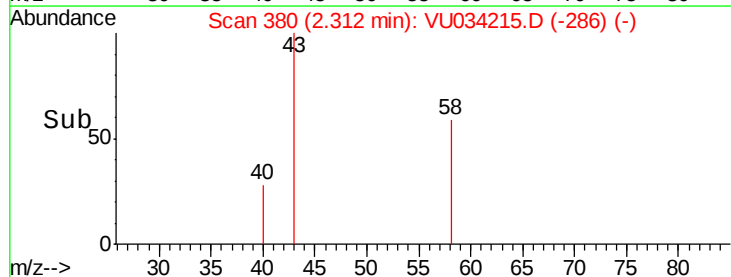
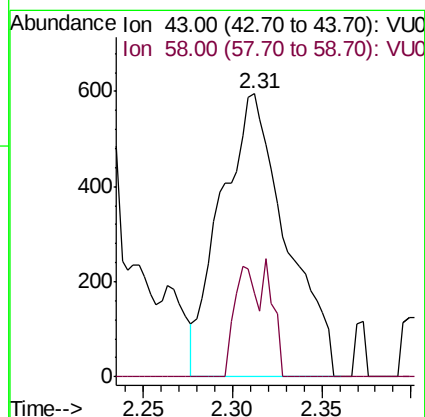
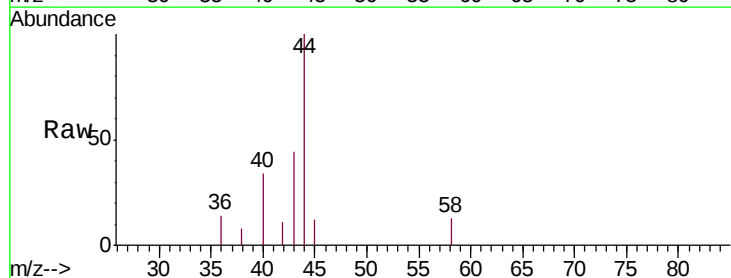
Acq: 03 Sep 2019 10:22

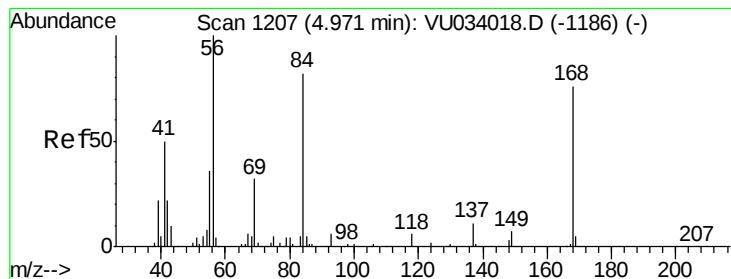
Tgt Ion: 43 Resp: 1512

Ion Ratio Lower Upper

43 100

58 29.6 26.8 40.2





#31

Cyclohexane

Concen: 0.958 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBL01

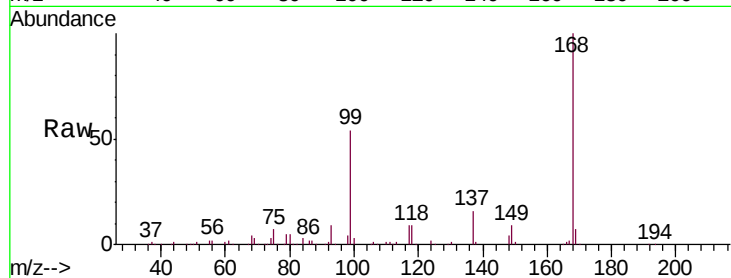
Tgt Ion: 56 Resp: 7712

Ion Ratio Lower Upper

56 100

69 191.6 25.4 38.0#

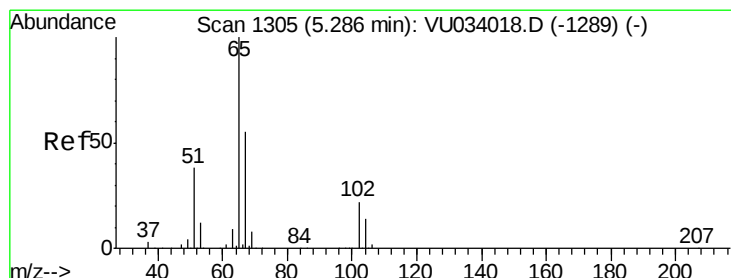
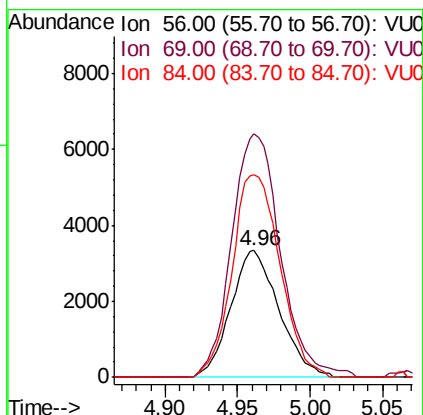
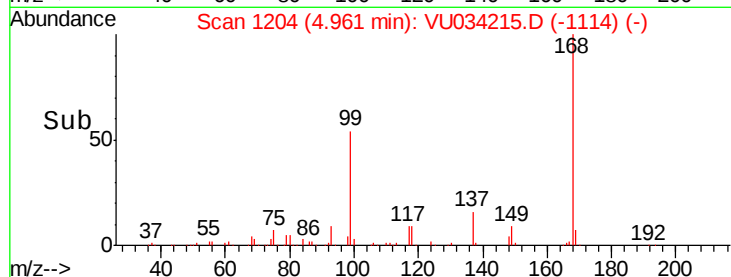
84 159.4 65.8 98.8#



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: 50.330 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034215.D

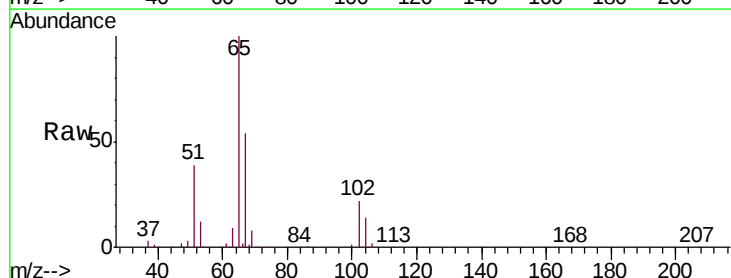
Acq: 03 Sep 2019 10:22

Tgt Ion: 65 Resp: 271415

Ion Ratio Lower Upper

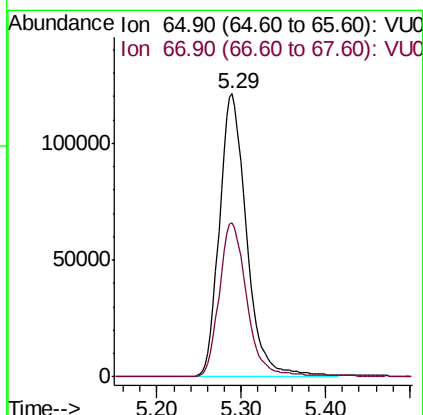
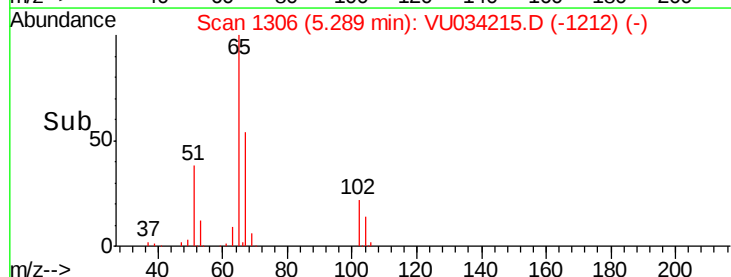
65 100

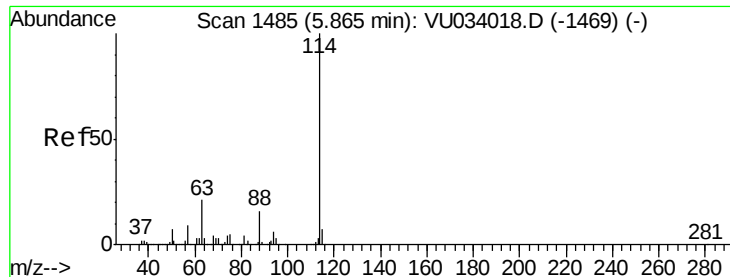
67 55.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

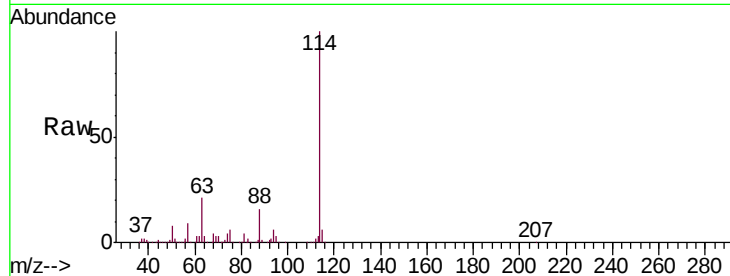




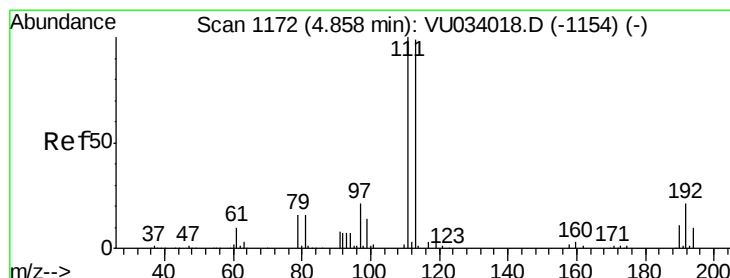
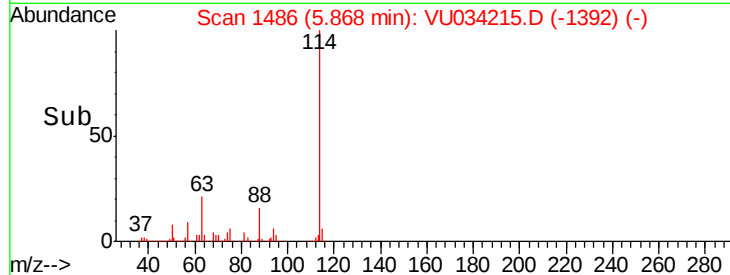
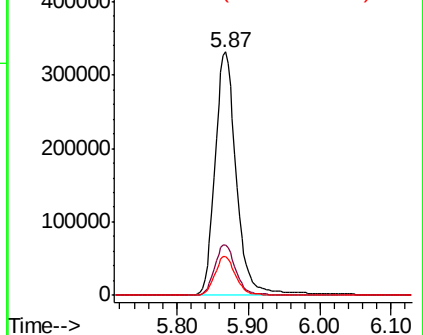
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.0
88	15.8	0.0	32.0

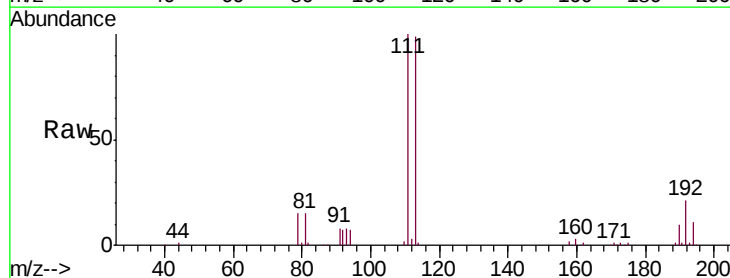


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

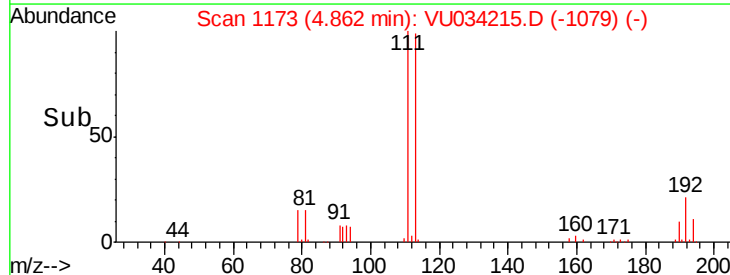
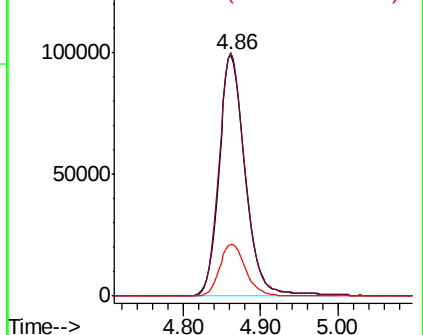


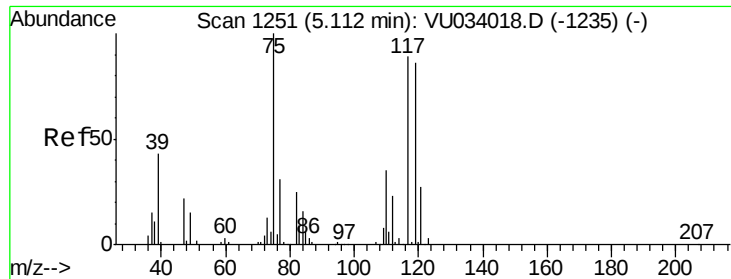
#35
 Dibromofluoromethane
 Concen: 48.815 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.7	122.5
192	21.4	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

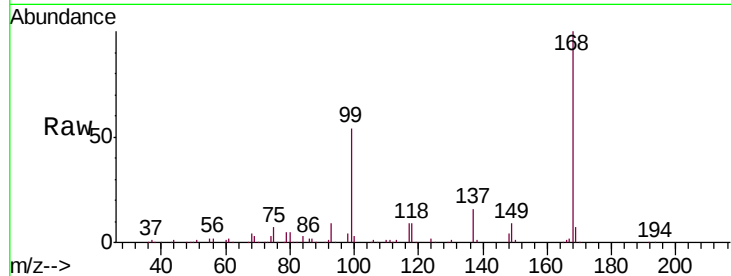




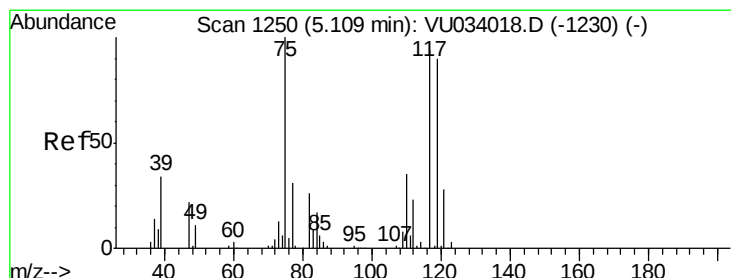
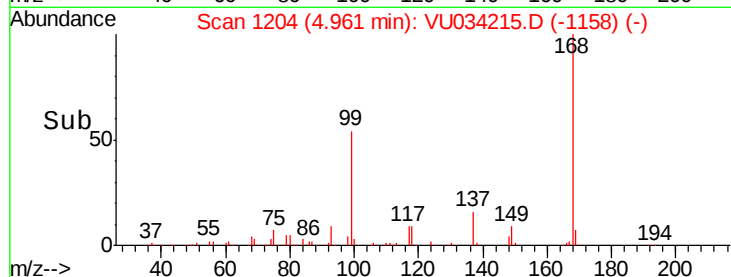
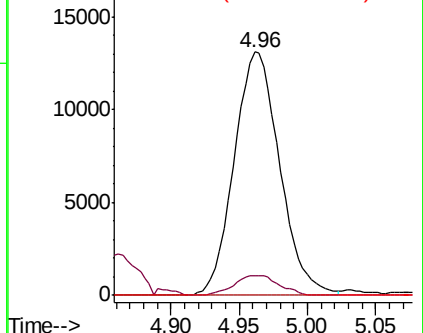
#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBL01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.8	53.5#
77	0.0	25.0	37.4#

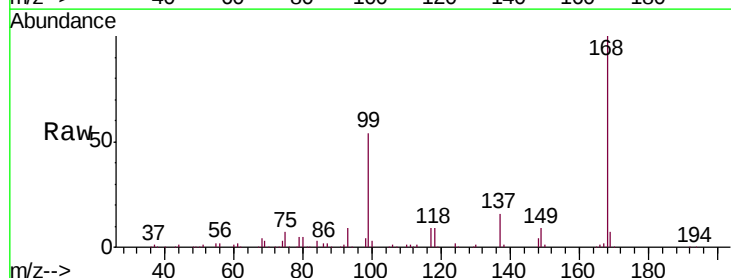


Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-1235) (-)
 Ion 109.90 (109.60 to 110.60): VU034018.D (-1235) (-)
 Ion 76.90 (76.60 to 77.60): VU034018.D (-1235) (-)

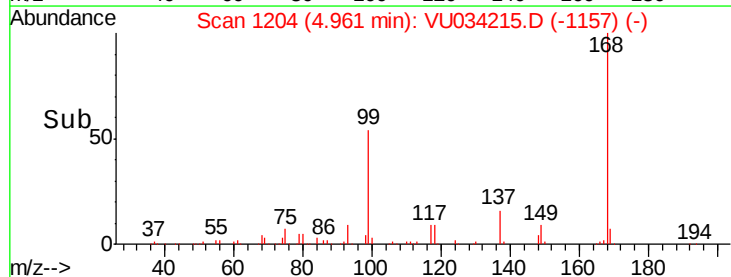
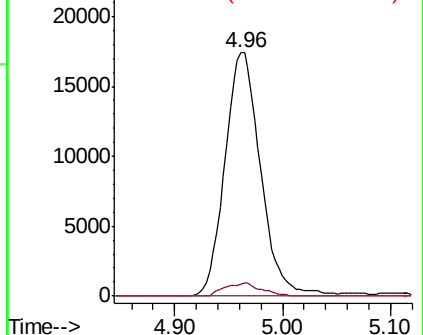


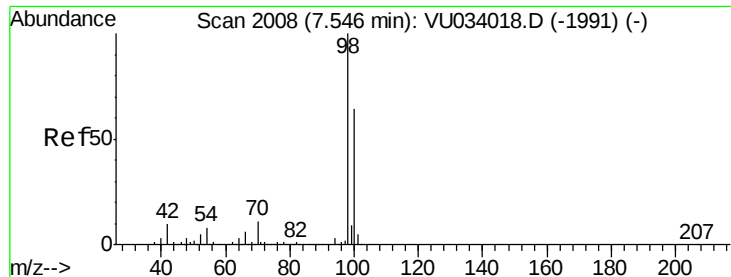
#38
 Carbon Tetrachloride
 Concen: 6.389 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	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) (-)

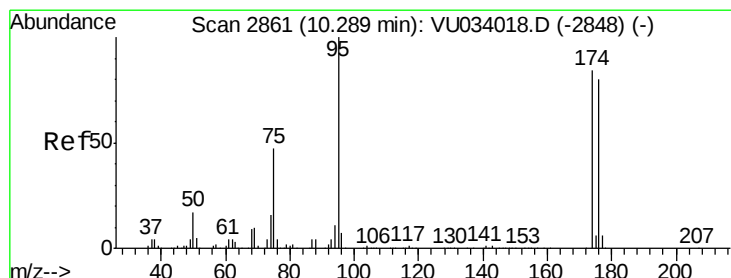
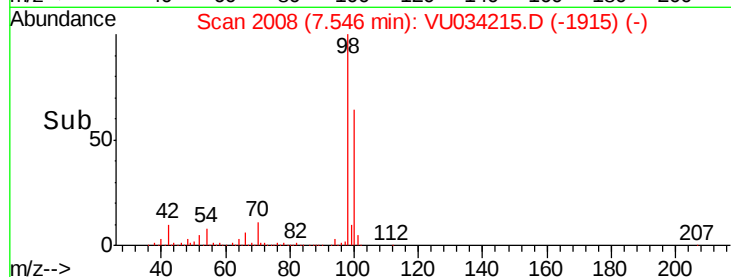
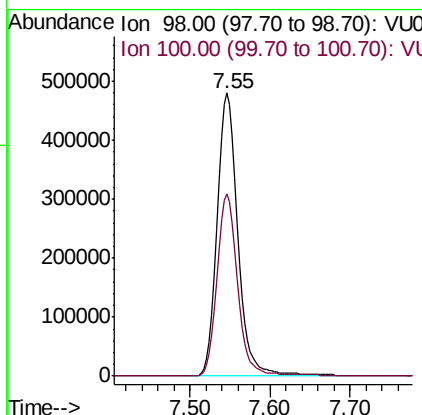
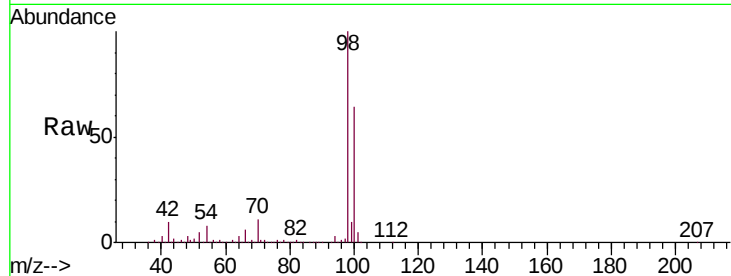




#50
Toluene-d8
Concen: 48.618 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

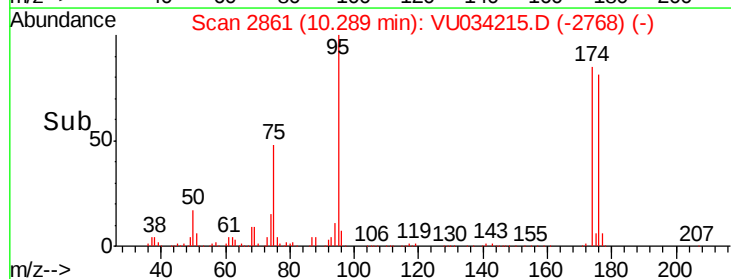
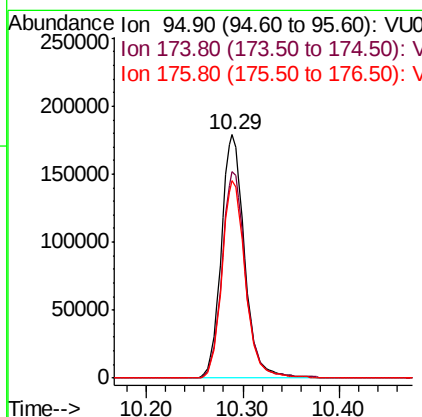
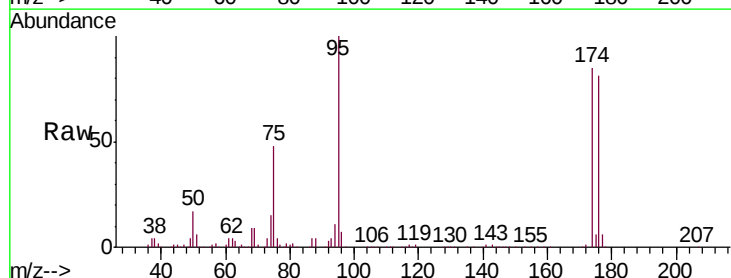
Instrument :
MSVOA_U
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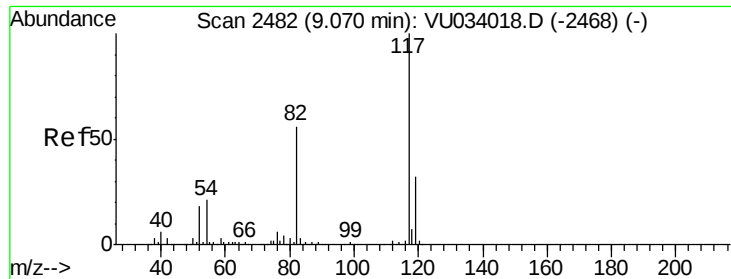
Tgt Ion: 98 Resp: 869384
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.948 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

Tgt Ion: 95 Resp: 298741
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.8
176 81.6 0.0 161.8

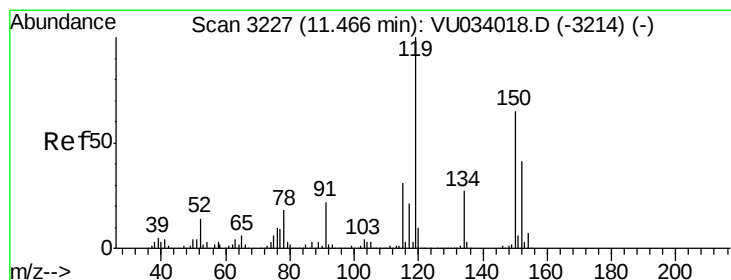
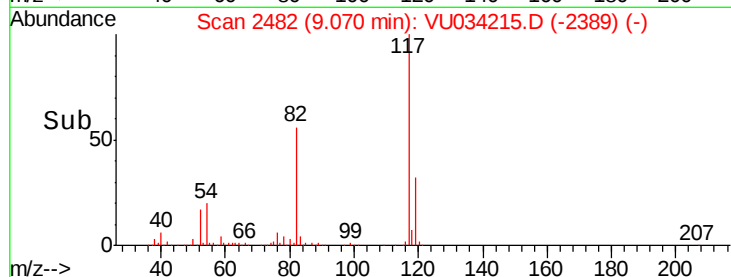
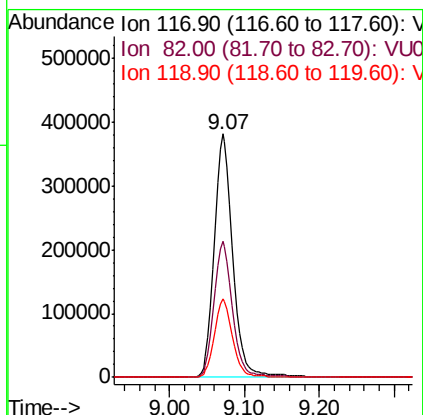
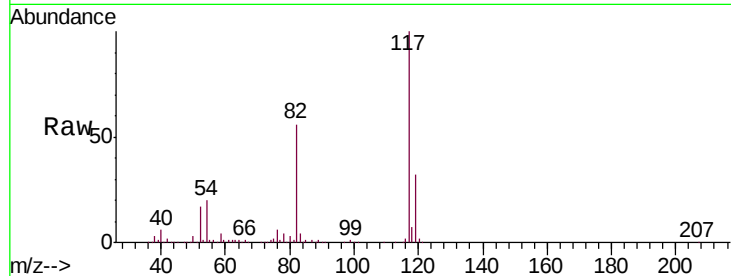




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

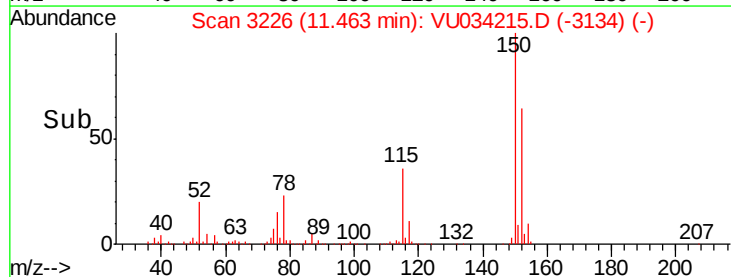
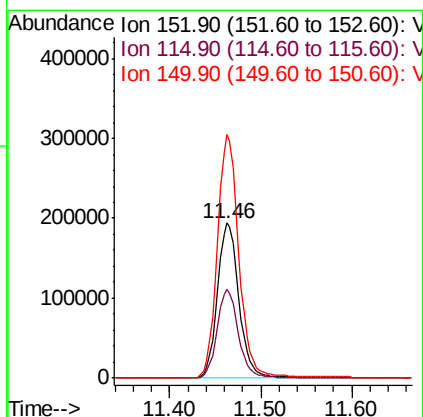
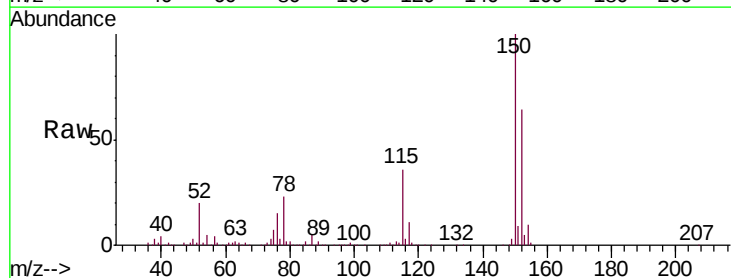
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBL01

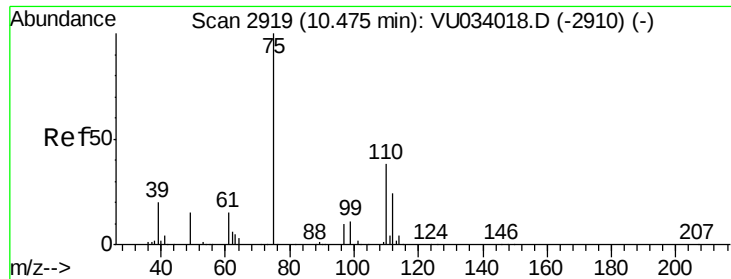
Tgt Ion:117 Resp: 660871
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

Tgt Ion:152 Resp: 321069
Ion Ratio Lower Upper
152 100
115 56.0 41.1 123.3
150 156.2 0.0 348.8

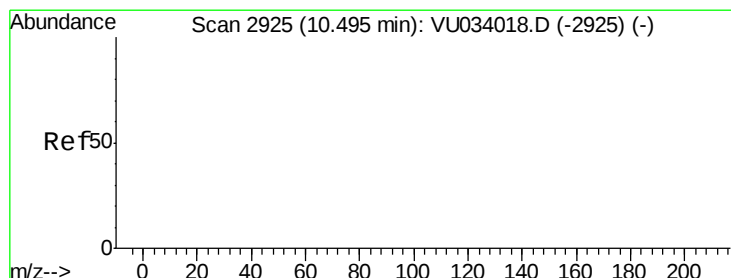
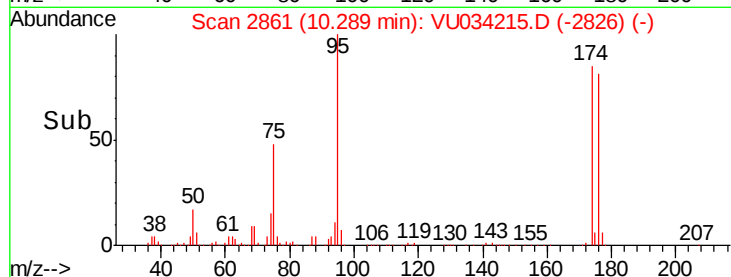
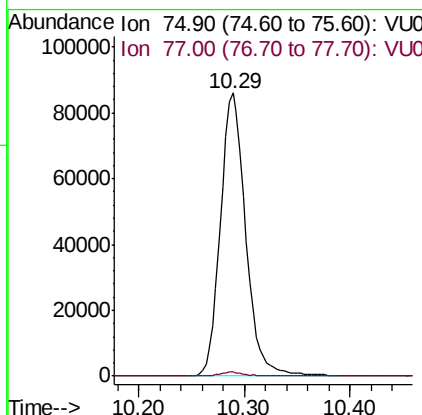
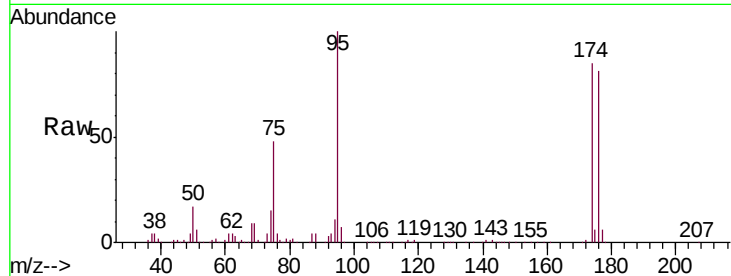




#76
 1,2,3-Trichloropropane
 Concen: 19.757 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.19 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

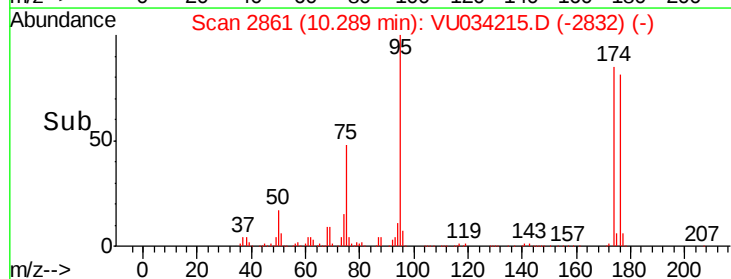
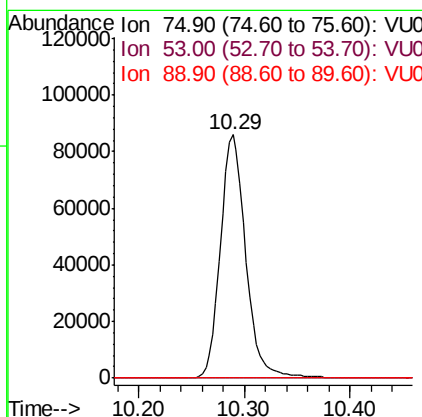
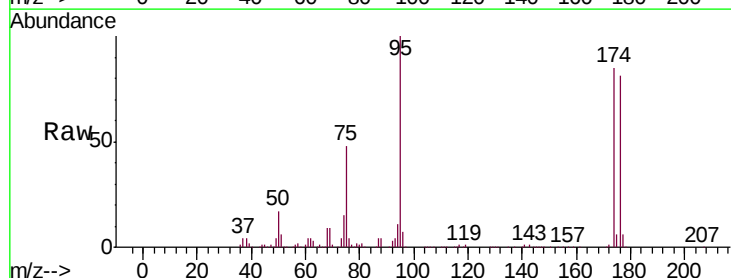
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBL01

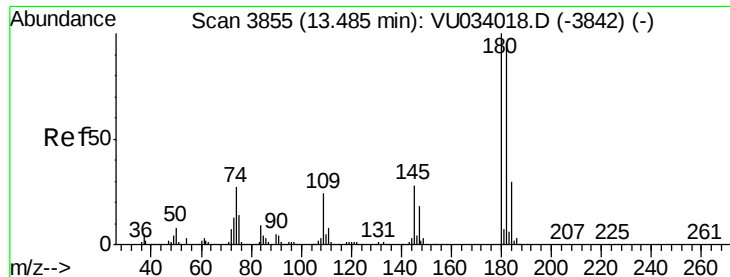
Tgt Ion: 75 Resp: 142968
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.1 60.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.526 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.21 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Tgt Ion: 75 Resp: 142968
 Ion Ratio Lower Upper
 75 100
 53 0.2 0.0 0.0#
 89 0.0 0.0 0.0#

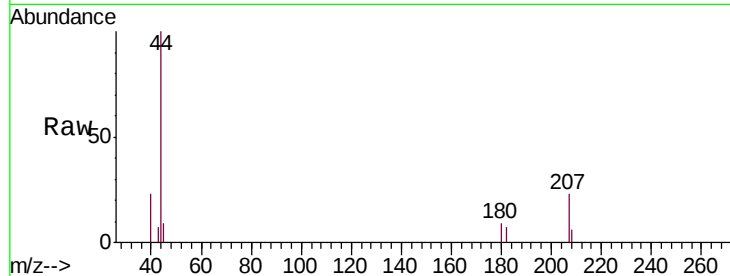




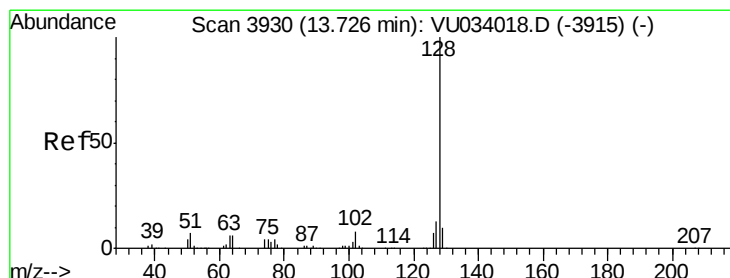
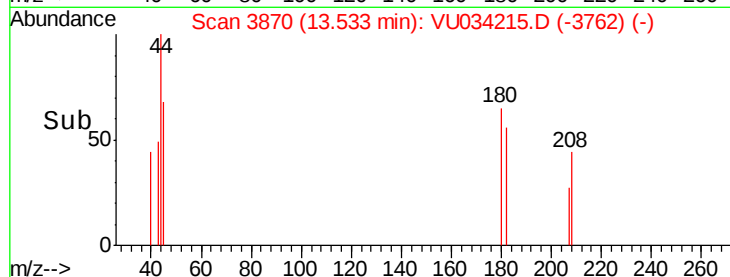
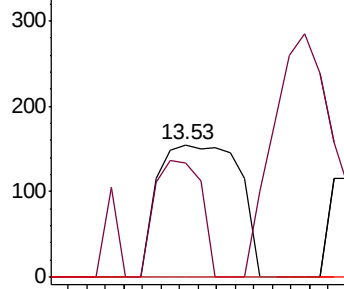
#93
 1,2,4-Trichlorobenzene
 Concen: 1.140 ug/l
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.05 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBL01

Tgt Ion:180 Resp: 190
 Ion Ratio Lower Upper
 180 100
 182 50.0 47.4 142.2
 145 0.0 14.1 42.3#

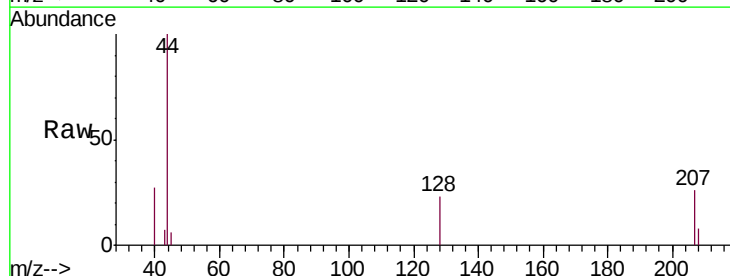


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.811 ug/l
 RT: 13.76 min Scan# 3942
 Delta R.T. 0.04 min
 Lab File: VU034215.D
 Acq: 03 Sep 2019 10:22

Tgt Ion:128 Resp: 434
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 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

