

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034085.D
 Acq On : 30 Aug 2019 10:05
 Operator : JC/SP
 Sample : VU0831WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 15:25:23 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	469774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	747185	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	714958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	347583	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	306179	50.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.74%	
35) Dibromofluoromethane	4.86	113	250288	48.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.60%	
50) Toluene-d8	7.55	98	950163	48.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.29	95	326418	43.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.48%	

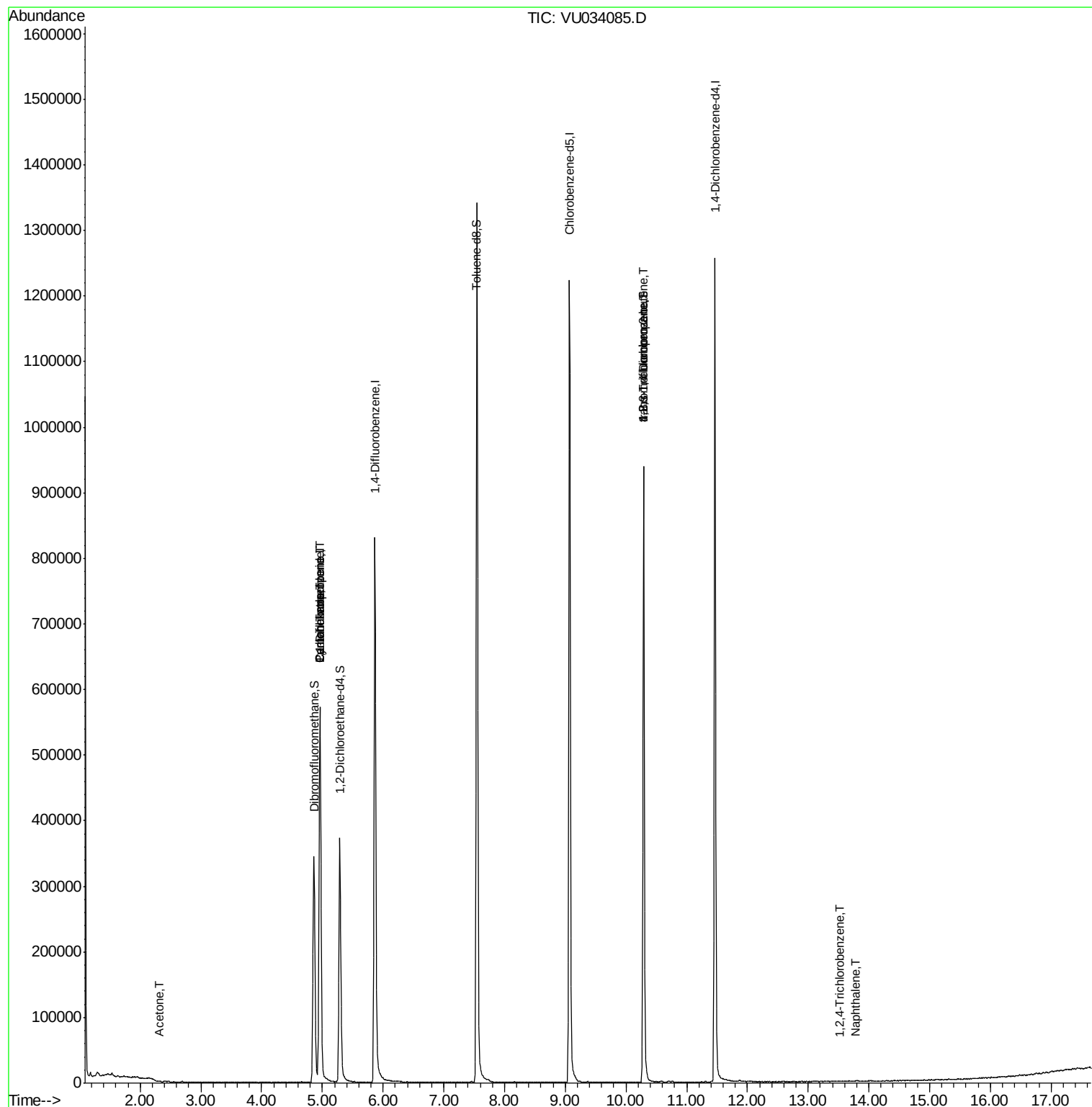
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	980	Below Cal		91
5) Bromomethane	1.60	94	76	Below Cal	#	2
16) Acetone	2.32	43	773	0.252	ug/l	92
31) Cyclohexane	4.96	56	9024	1.004	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	34032	4.815	ug/l #	49
38) Carbon Tetrachloride	4.96	117	42572	6.240	ug/l #	16
76) 1,2,3-Trichloropropane	10.29	75	159456	20.355	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	159456	68.539	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.52	180	46	1.120	ug/l #	12
95) Naphthalene	13.79	128	1850	1.872	ug/l #	74

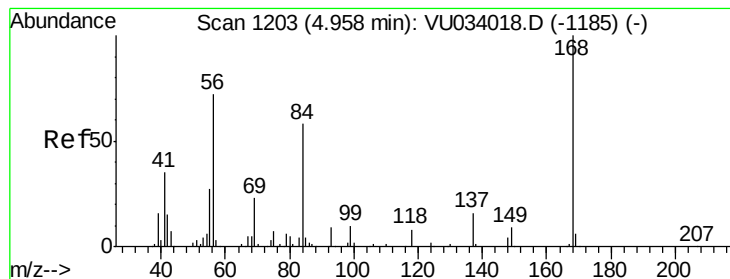
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034085.D

Acq: 30 Aug 2019 10:05

Instrument :

MSVOA_U

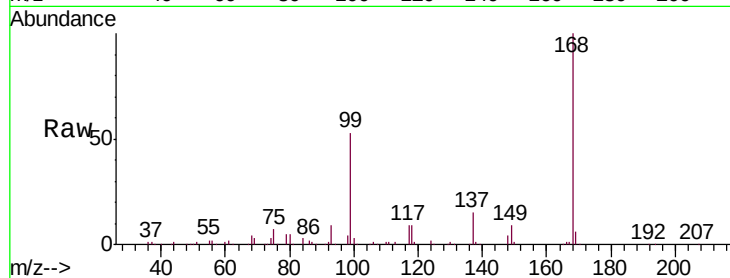
ClientSampled :

Tot Ion:168 Resp: 469774

Ion Ratio Lower Upper

168 100

99 53.3 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

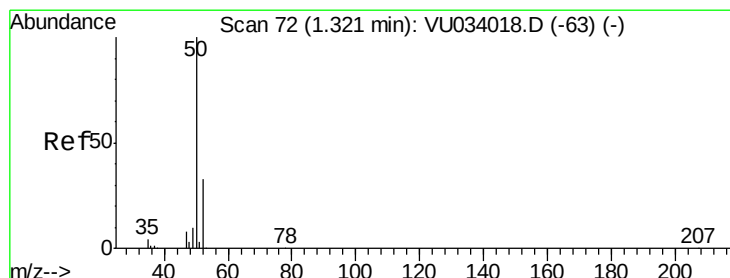
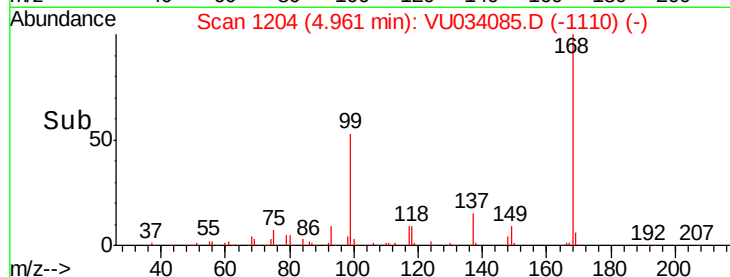
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034085.D

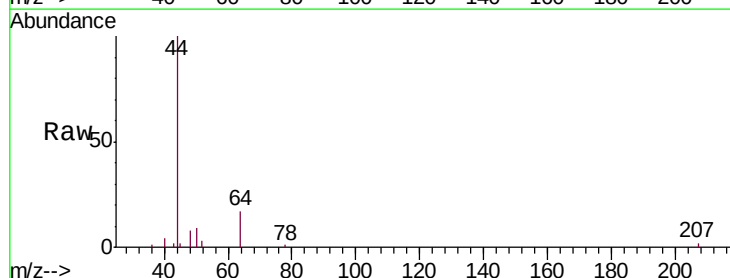
Acq: 30 Aug 2019 10:05

Tgt Ion: 50 Resp: 980

Ion Ratio Lower Upper

50 100

52 27.8 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

800

600

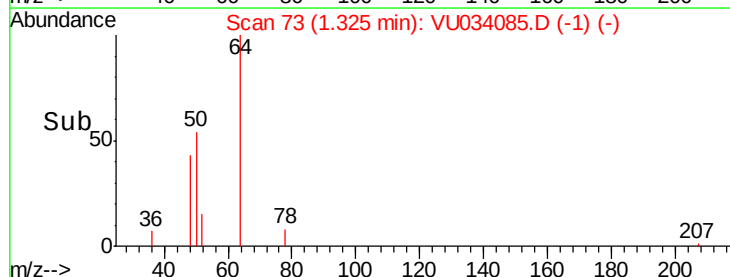
400

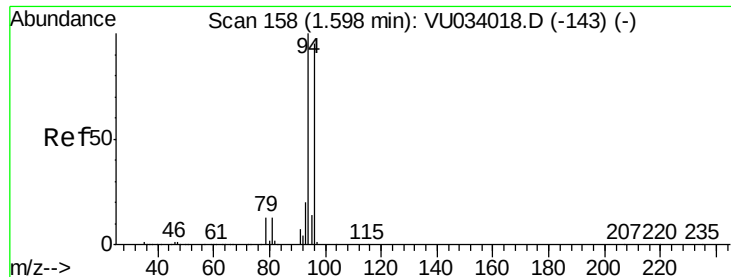
200

0

1.28 1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VU034085.D

Acq: 30 Aug 2019 10:05

Instrument :

MSVOA_U

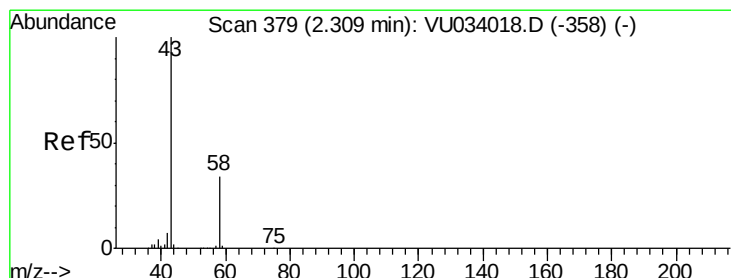
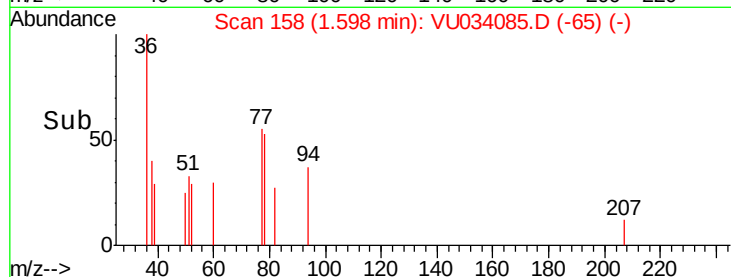
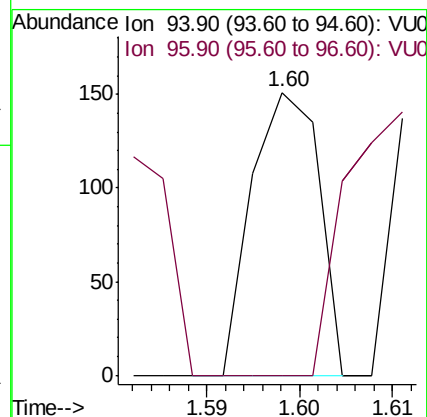
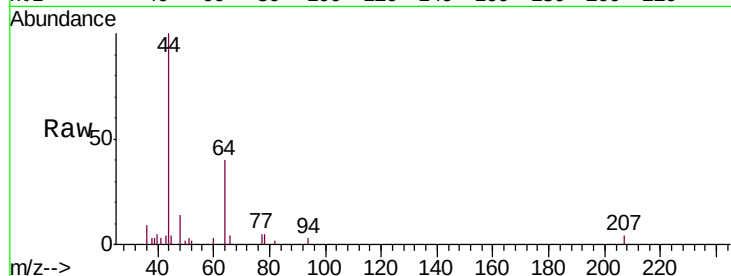
ClientSampleId :

Tot Ion: 94 Resp: 76

Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



#16

Acetone

Concen: 0.252 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU034085.D

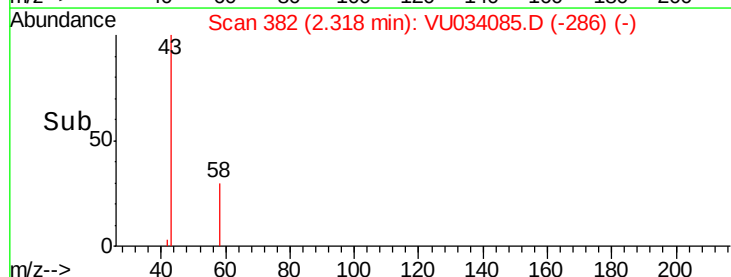
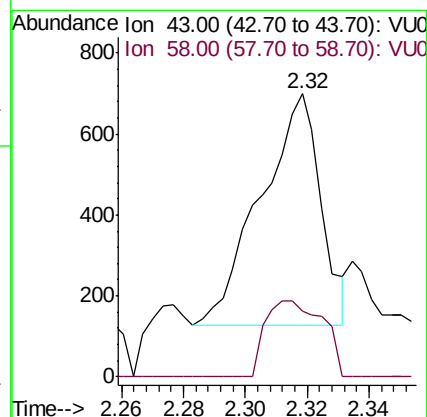
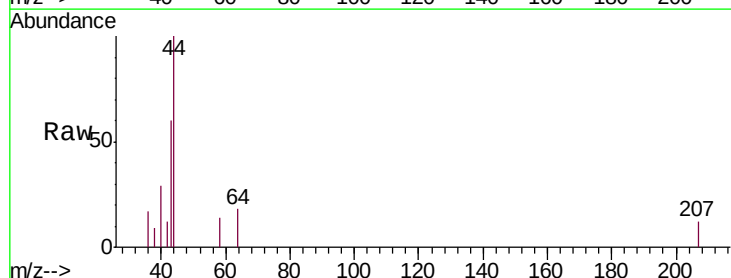
Acq: 30 Aug 2019 10:05

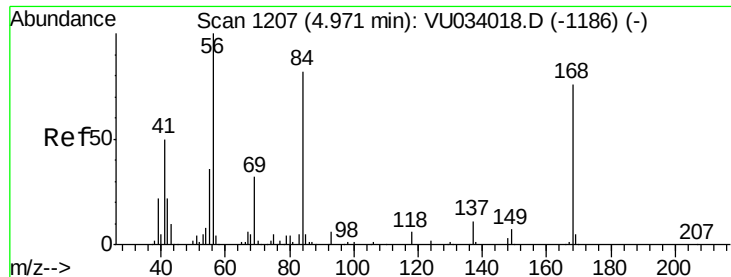
Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

58 28.7 26.8 40.2





#31

Cyclohexane

Concen: 1.004 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034085.D

Acq: 30 Aug 2019 10:05

Instrument :
MSVOA_U
ClientSampled :

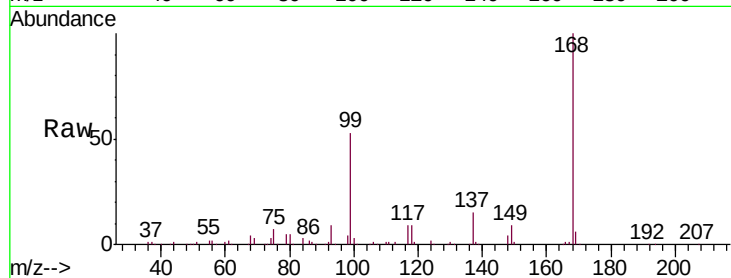
Tot Ion: 56 Resp: 9024

Ion Ratio Lower Upper

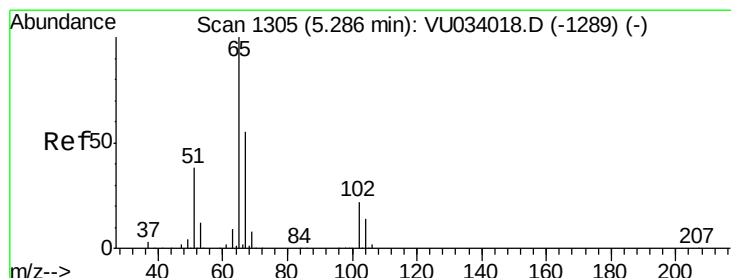
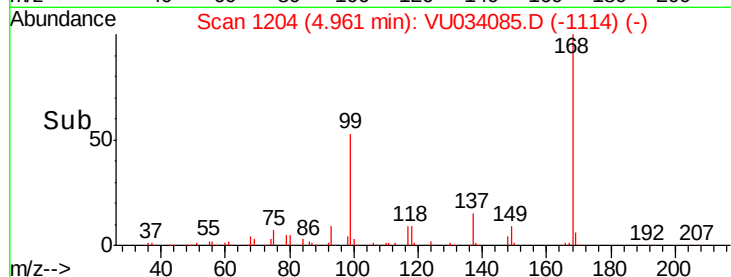
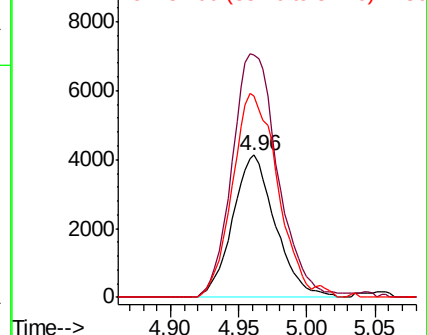
56 100

69 170.2 25.4 38.0#

84 141.8 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: 50.865 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034085.D

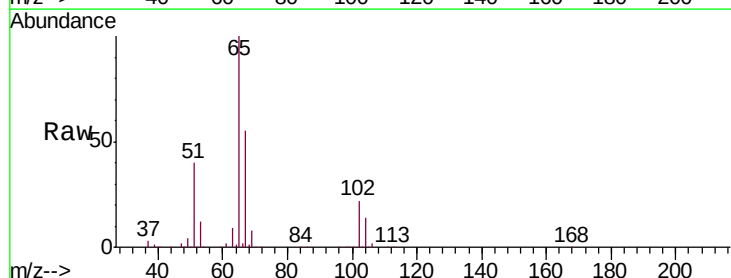
Acq: 30 Aug 2019 10:05

Tgt Ion: 65 Resp: 306179

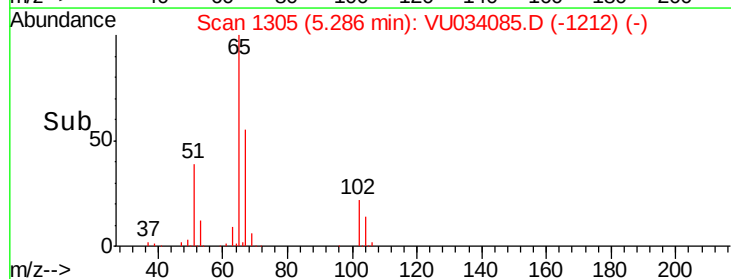
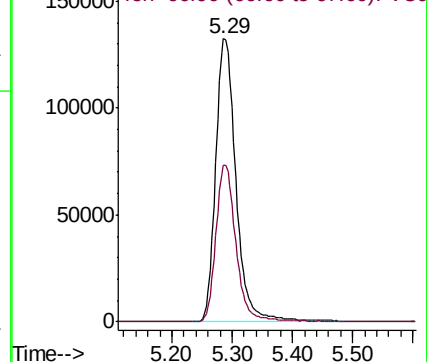
Ion Ratio Lower Upper

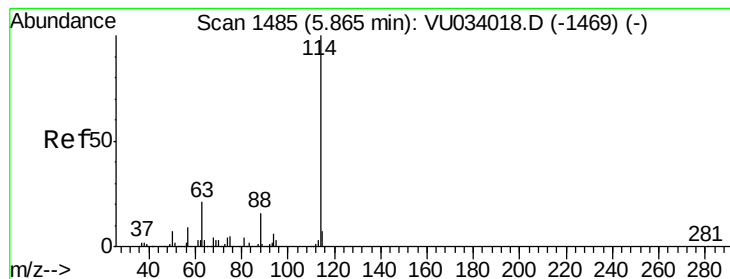
65 100

67 54.1 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: VU034085.D

Acq: 30 Aug 2019 10:05

Instrument :

MSVOA_U

ClientSampleId :

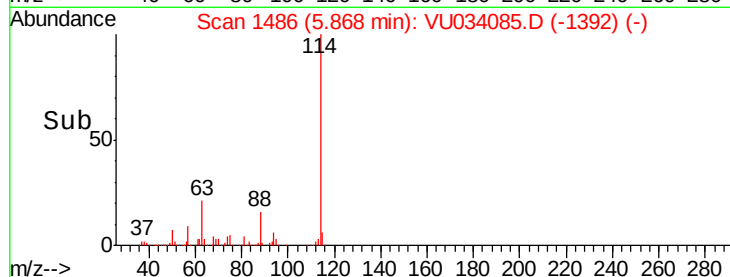
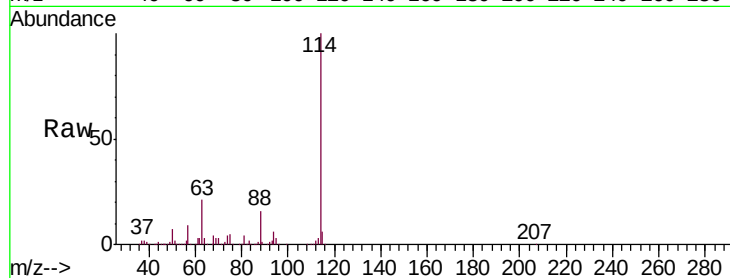
Tot Ion:114 Resp: 747185

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

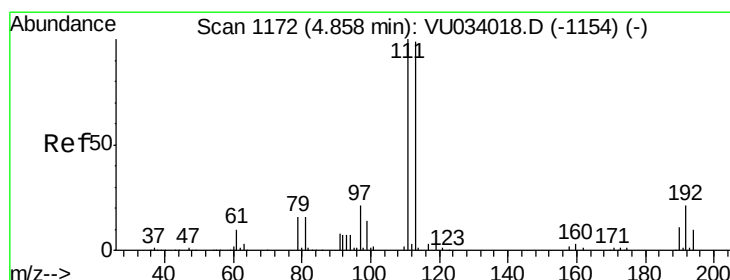
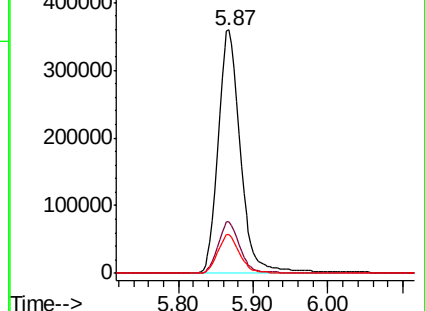
88 16.0 0.0 32.0



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: 48.296 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034085.D

Acq: 30 Aug 2019 10:05

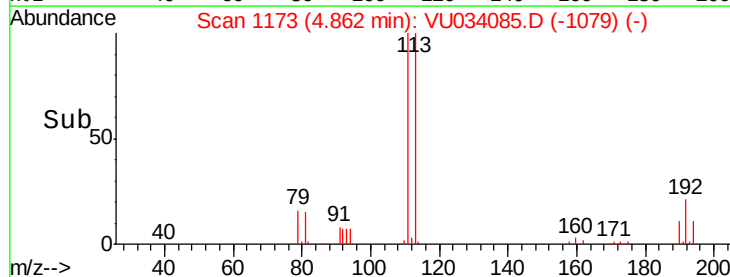
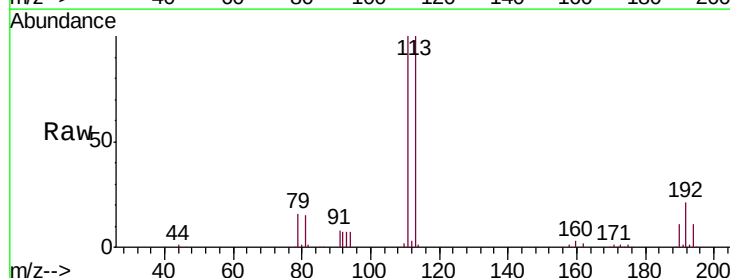
Tgt Ion:113 Resp: 250288

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

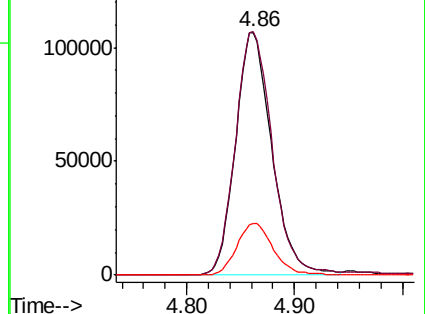
192 21.4 17.1 25.7

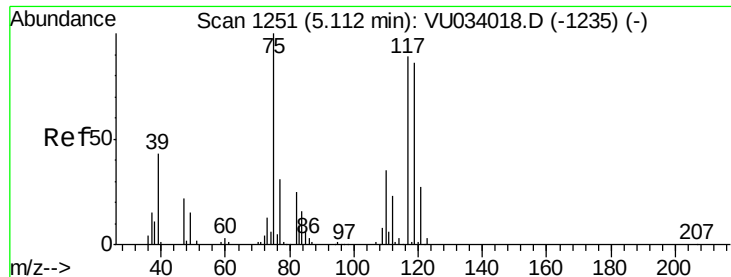


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

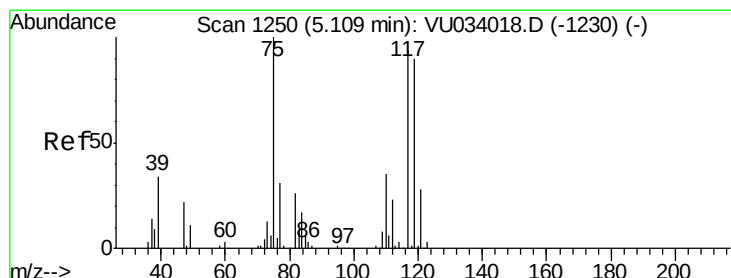
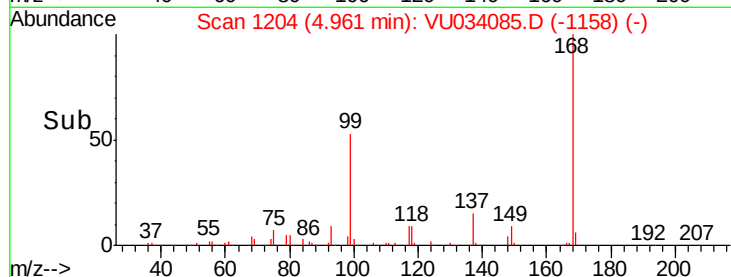
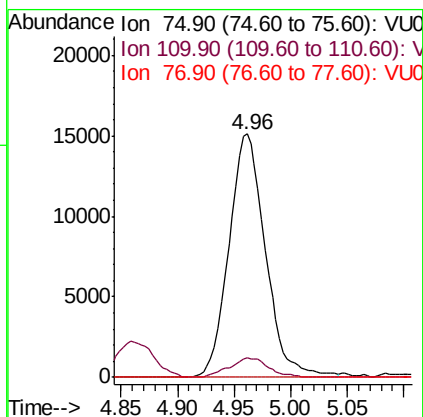
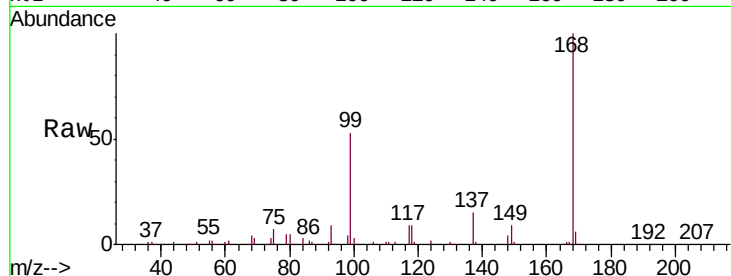




#36
 1,1-Dichloropropene
 Concen: 4.815 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

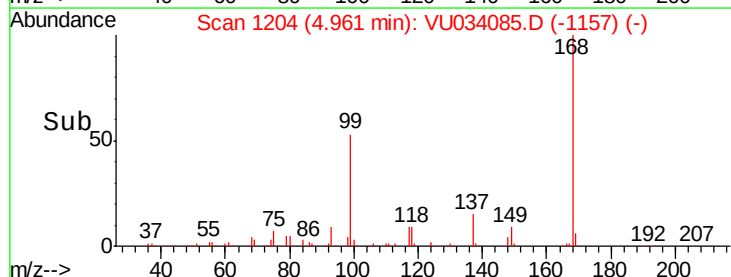
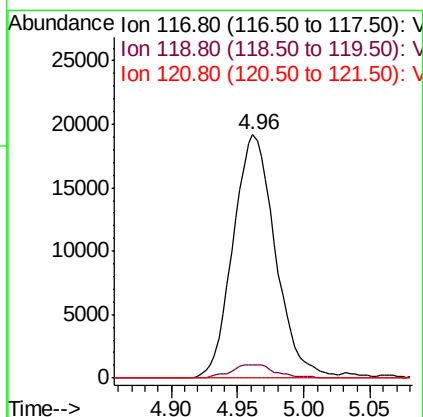
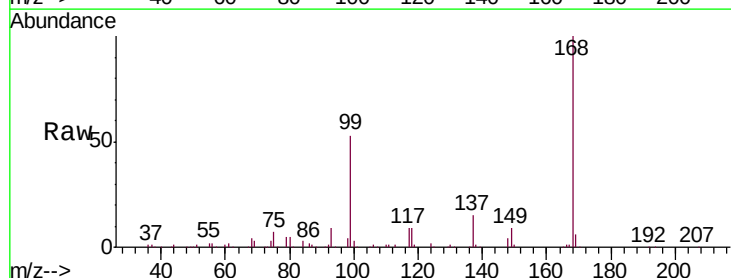
Instrument :
 MSVOA_U
 ClientSampled :

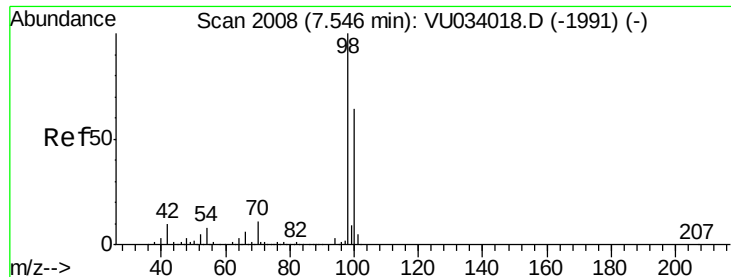
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.240 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.0	115.4#
121	0.0	23.9	35.9#

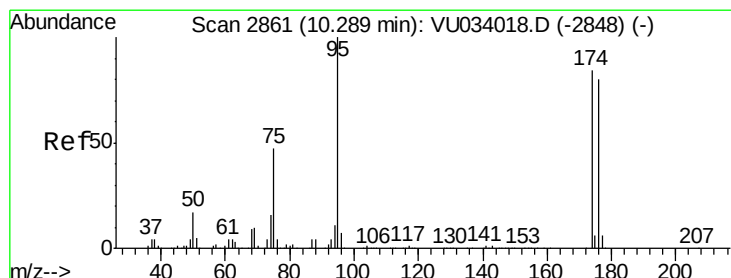
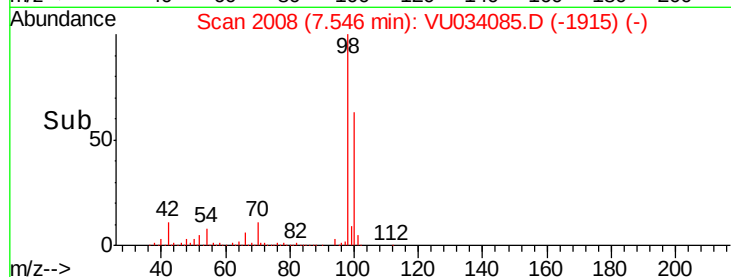
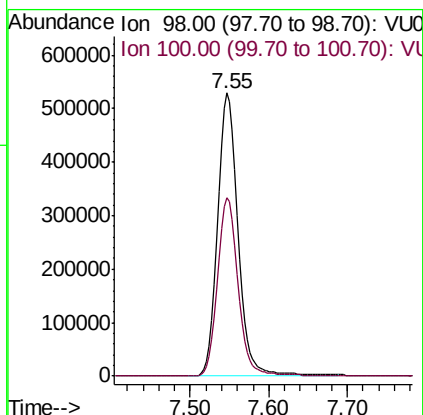
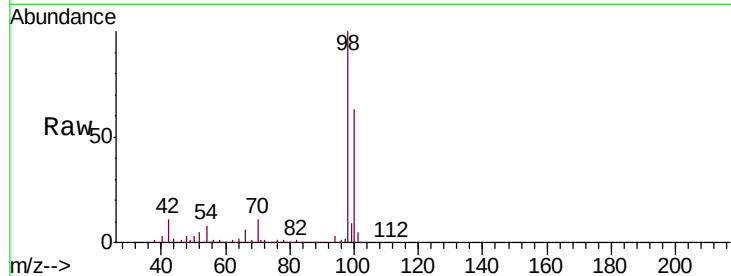




#50
Toluene-d8
Concen: 48.965 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034085.D
Acq: 30 Aug 2019 10:05

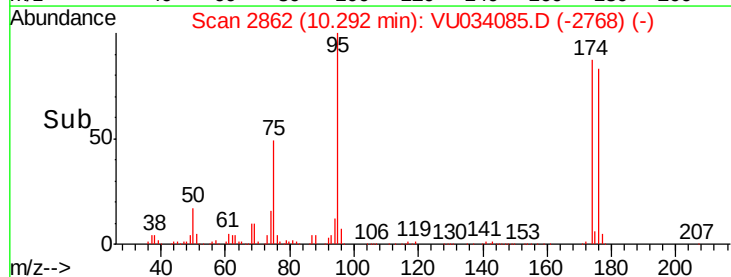
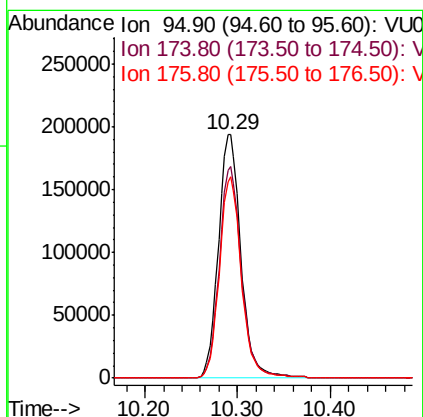
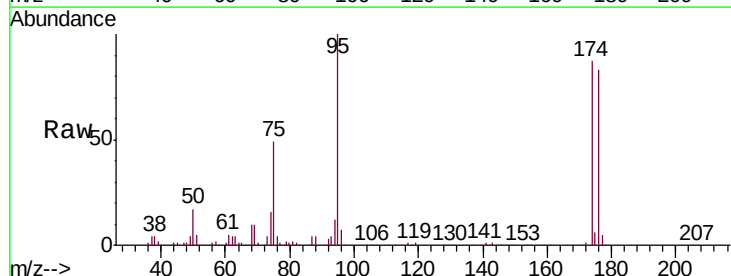
Instrument :
MSVOA_U
ClientSampleId :

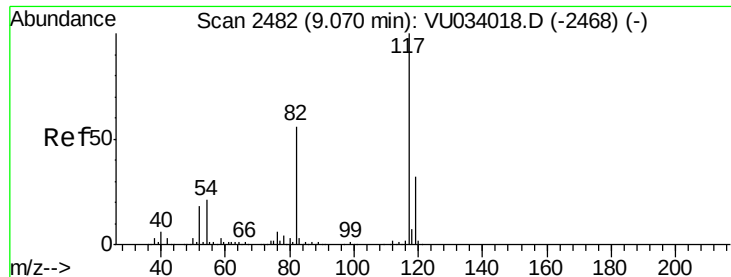
Tot Ion: 98 Resp: 950163
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.244 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VU034085.D
Acq: 30 Aug 2019 10:05

Tgt Ion: 95 Resp: 326418
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.8
176 80.9 0.0 161.8

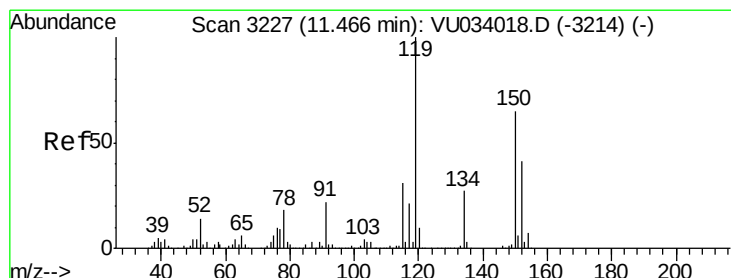
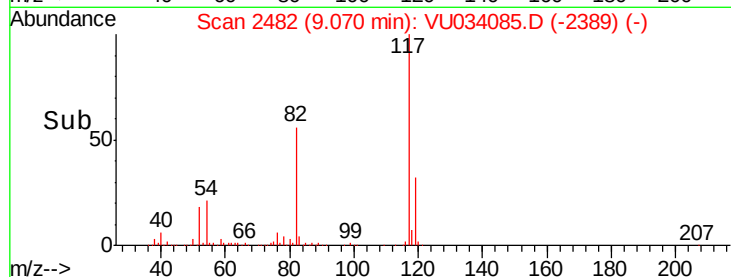
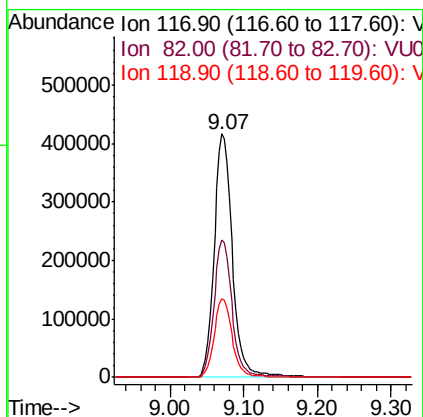
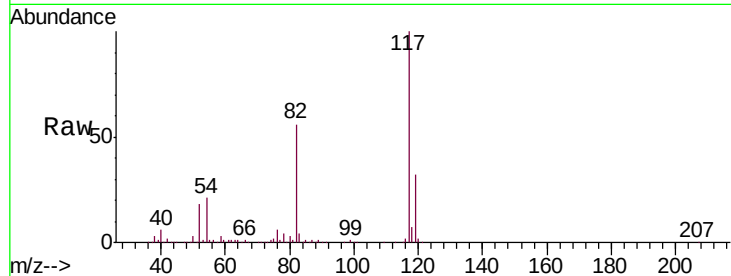




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034085.D
Acq: 30 Aug 2019 10:05

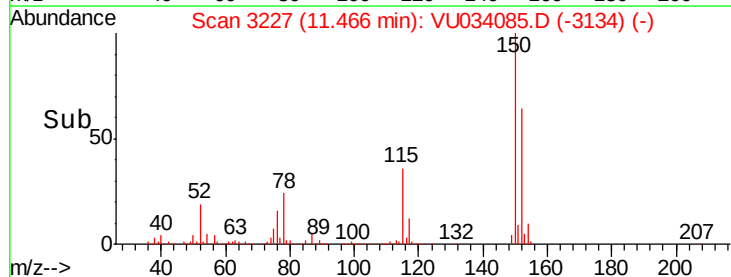
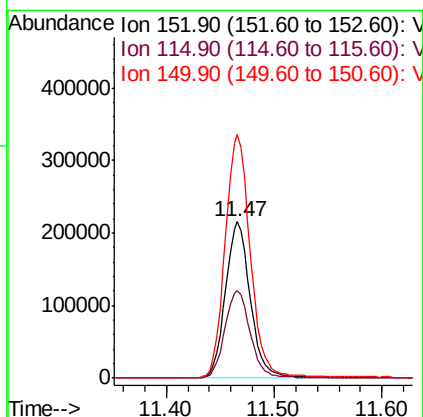
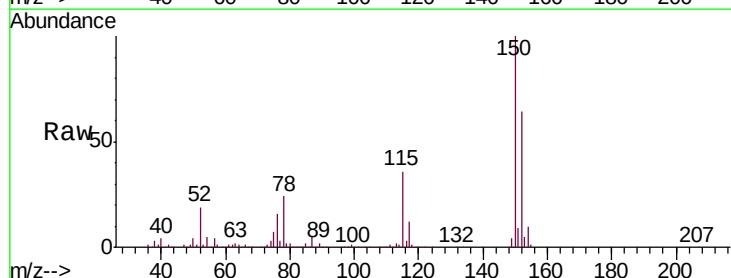
Instrument :
MSVOA_U
ClientSampleId :

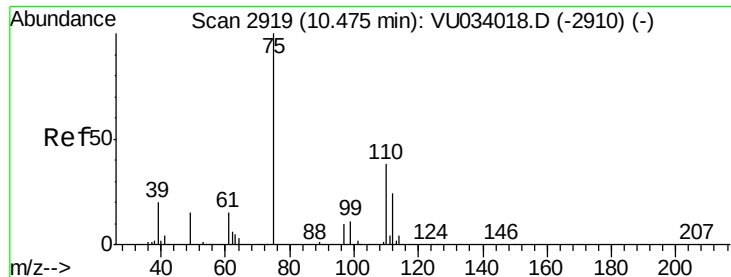
Tot Ion:117 Resp: 714958
Ion Ratio Lower Upper
117 100
82 56.5 45.1 67.7
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034085.D
Acq: 30 Aug 2019 10:05

Tgt Ion:152 Resp: 347583
Ion Ratio Lower Upper
152 100
115 57.3 41.1 123.3
150 158.0 0.0 348.8

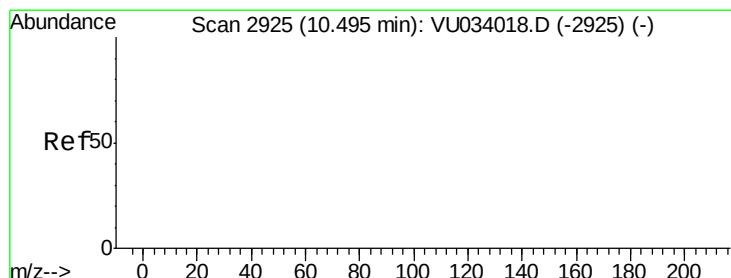
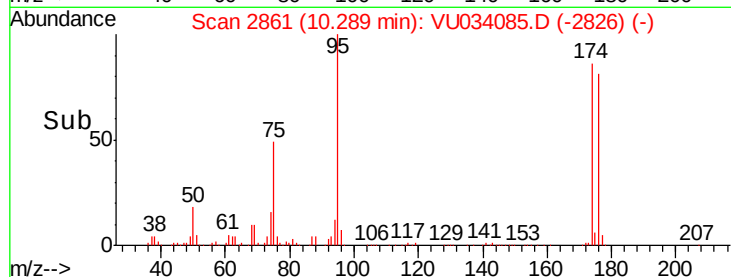
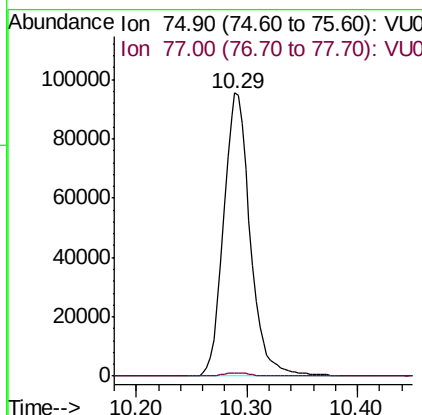
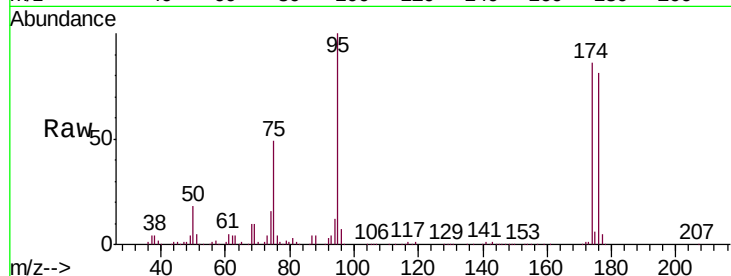




#76
 1,2,3-Trichloropropane
 Concen: 20.355 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.19 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

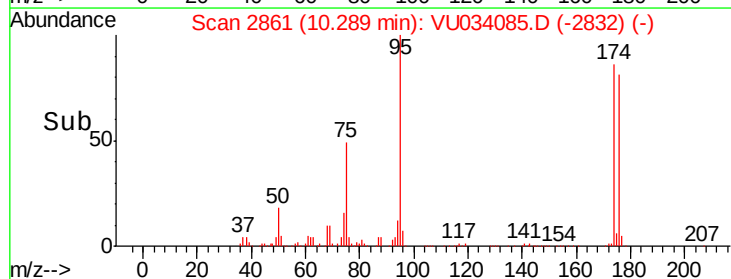
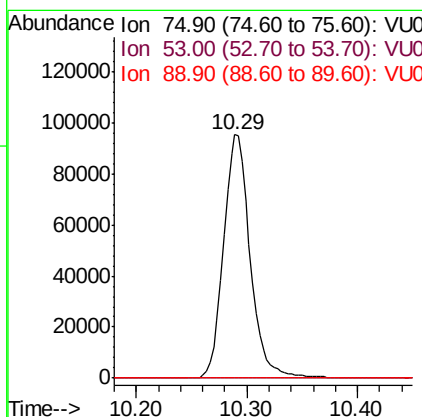
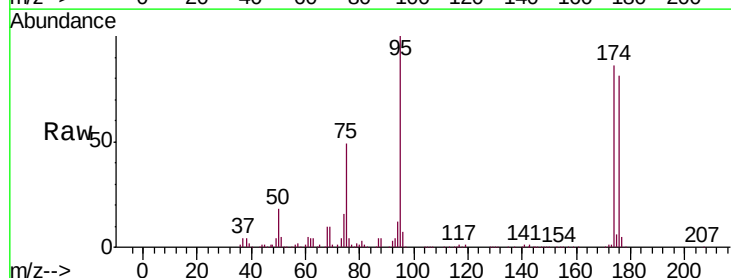
Instrument :
 MSVOA_U
 ClientSampled :

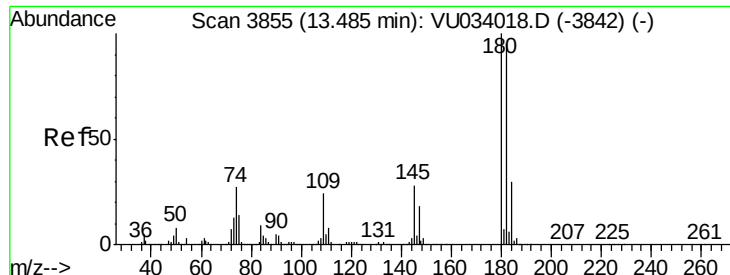
Tot Ion: 75 Resp: 159456
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.1 60.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.539 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.21 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

Tgt Ion: 75 Resp: 159456
 Ion Ratio Lower Upper
 75 100
 53 0.1 0.0 0.0#
 89 0.0 0.0 0.0

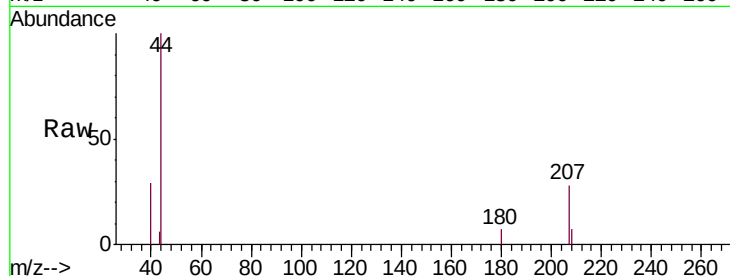




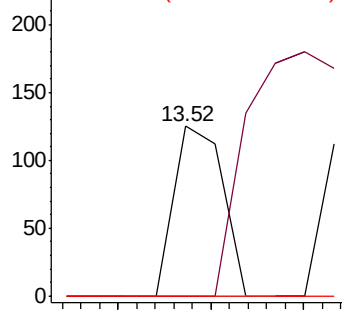
#93
 1,2,4-Trichlorobenzene
 Concen: 1.120 ug/l
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.03 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

Instrument :
 MSVOA_U
 ClientSampleId :

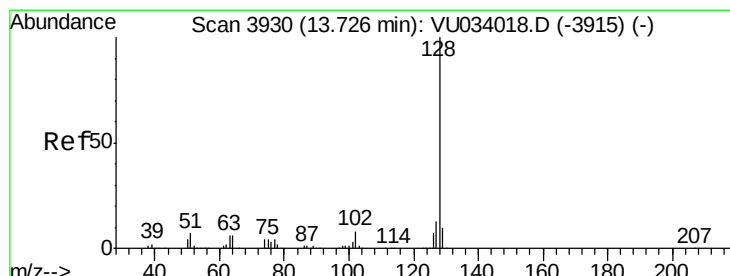
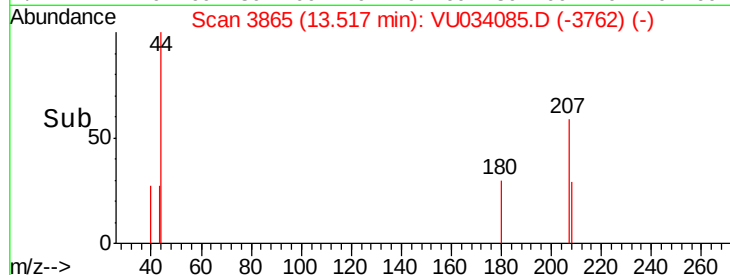
Tot Ion:180 Resp: 46
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 14.1 42.3#



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

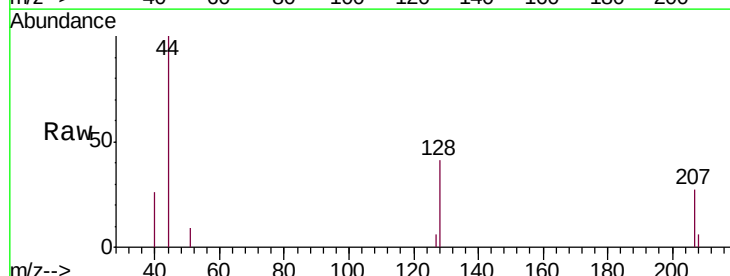


Time-->

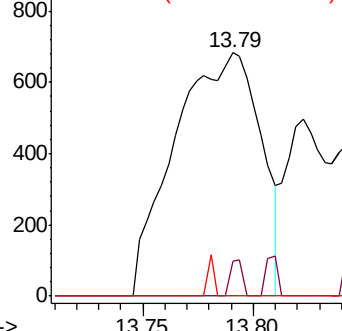


#95
 Naphthalene
 Concen: 1.872 ug/l
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.06 min
 Lab File: VU034085.D
 Acq: 30 Aug 2019 10:05

Tgt Ion:128 Resp: 1850
 Ion Ratio Lower Upper
 128 100
 127 2.1 10.2 15.4#
 129 1.2 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



Time-->

