

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034245.D
 Acq On : 04 Sep 2019 10:18
 Operator : JC/SP
 Sample : VU0904WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

Quant Time: Sep 05 03:35:18 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	423025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	669153	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	648108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	318555	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	261821	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	4.86	113	219945	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	7.55	98	848734	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.29	95	292974	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	

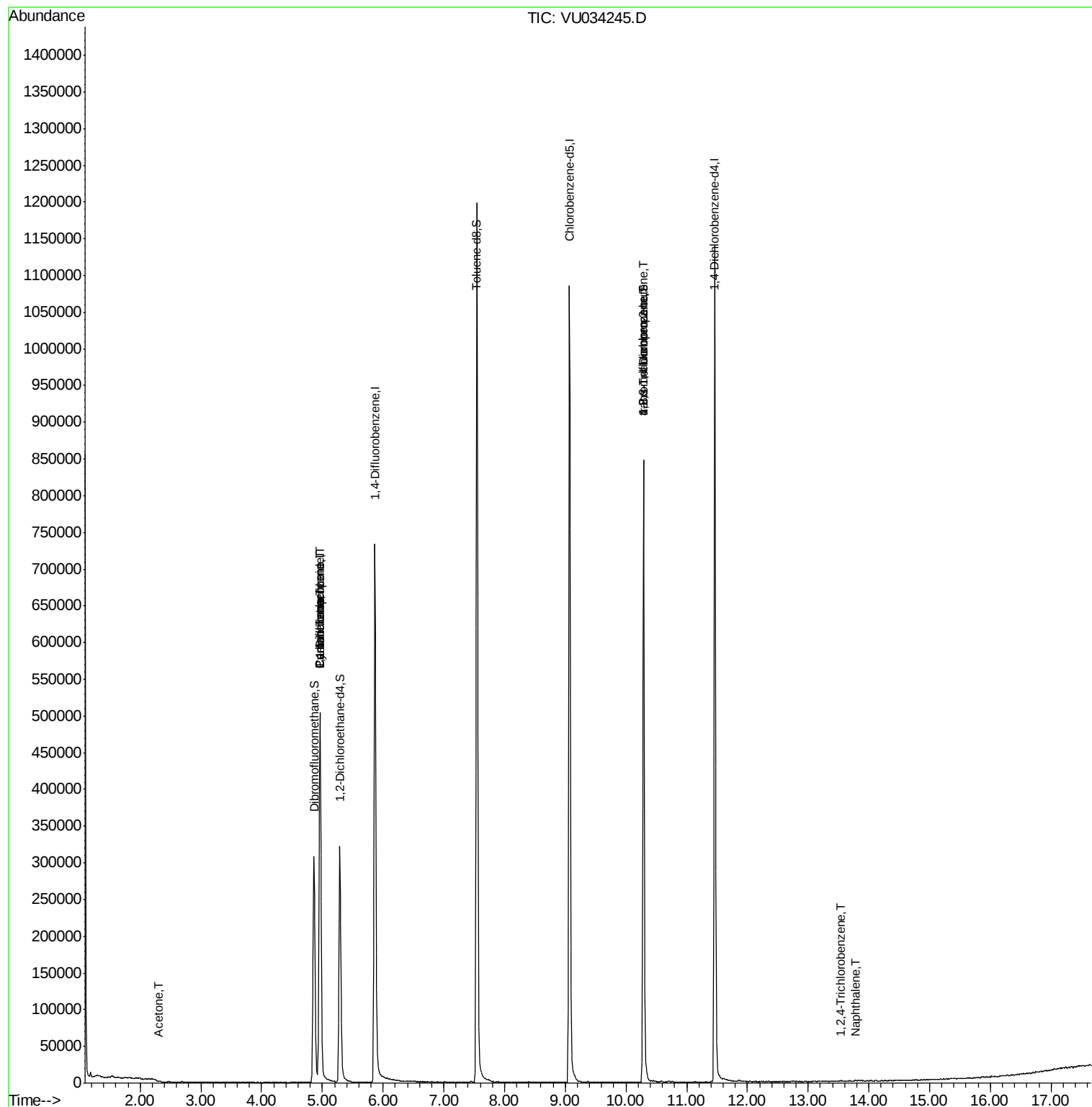
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	706	Below Cal		92
5) Bromomethane	1.60	94	42	Below Cal	#	2
16) Acetone	2.31	43	1487	0.538	ug/l #	41
31) Cyclohexane	4.96	56	7113	0.879	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	29126	4.602	ug/l #	49
38) Carbon Tetrachloride	4.96	117	37264	6.099	ug/l #	16
76) 1,2,3-Trichloropropane	10.29	75	139557	19.438	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	139557	65.452	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.53	180	21	1.117	ug/l #	12
95) Naphthalene	13.78	128	1025	1.840	ug/l #	70

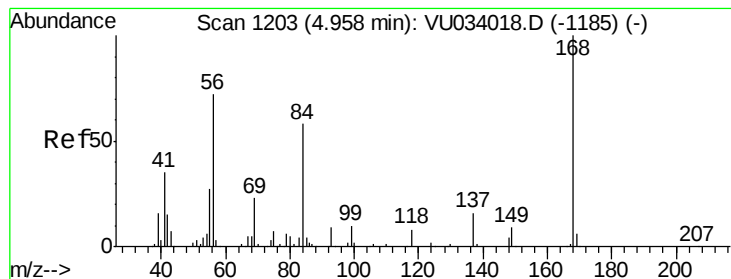
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
Data File : VU034245.D
Acq On : 04 Sep 2019 10:18
Operator : JC/SP
Sample : VU0904WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBL01

Quant Time: Sep 05 03:35:18 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: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

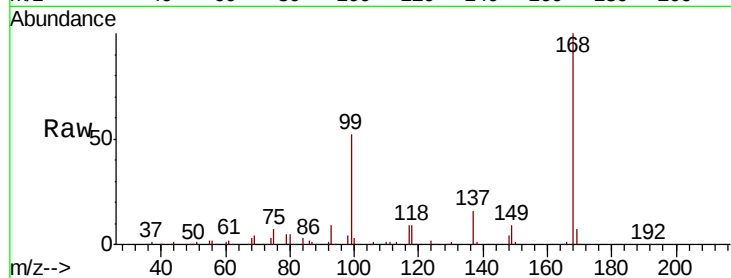
VU0905WBL01

Tgt Ion: 168 Resp: 423025

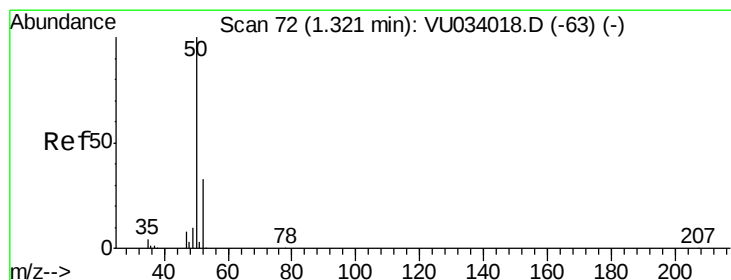
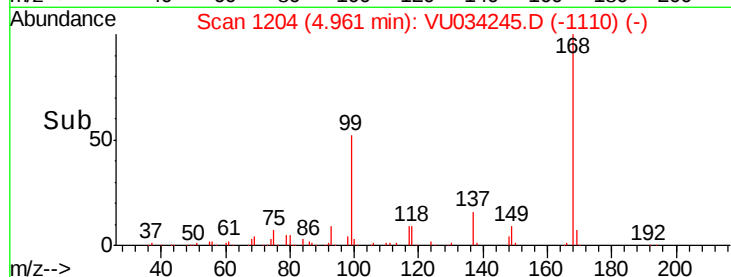
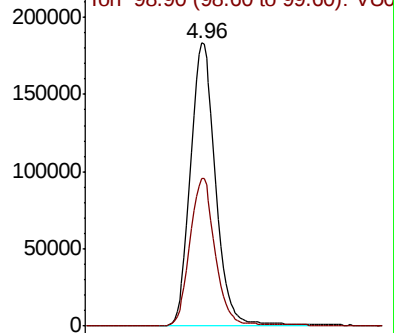
Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



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



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034245.D

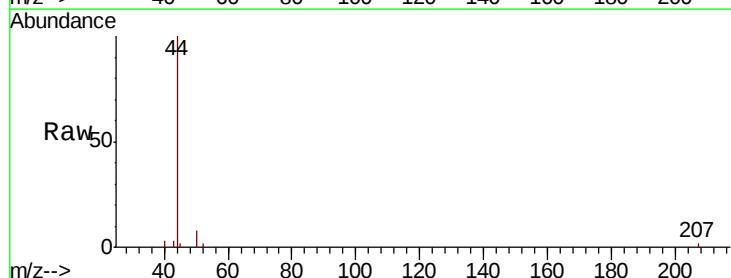
Acq: 04 Sep 2019 10:18

Tgt Ion: 50 Resp: 706

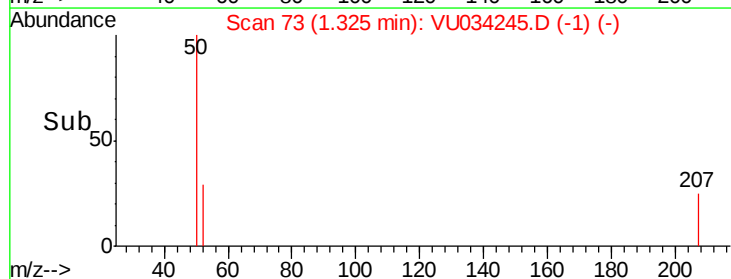
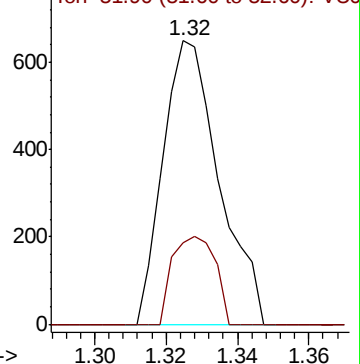
Ion Ratio Lower Upper

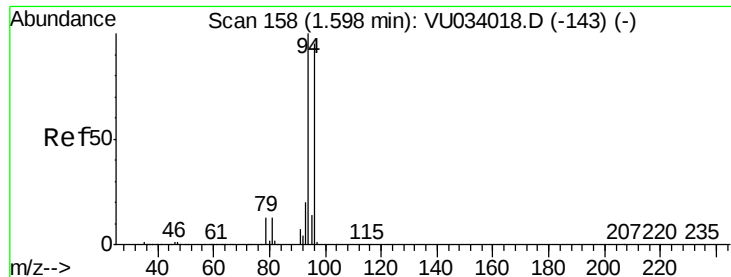
50 100

52 28.5 26.2 39.4



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





#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

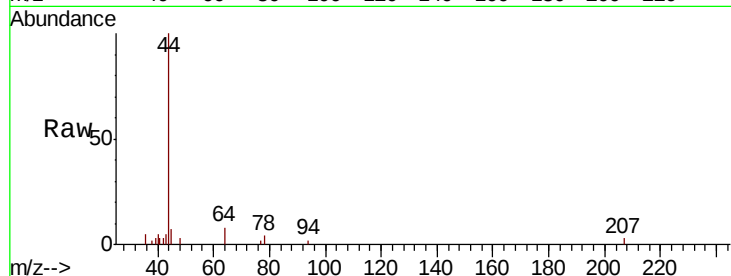
VU0905WBL01

Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

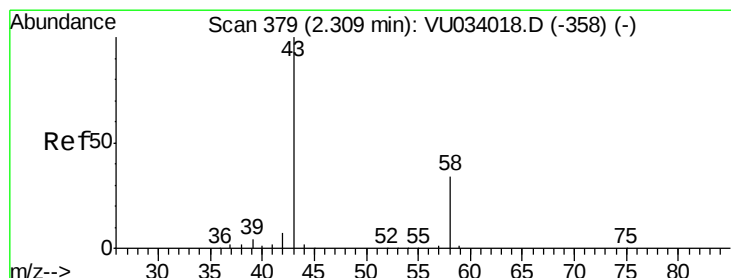
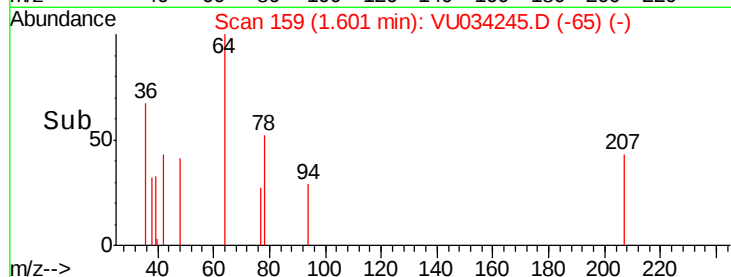
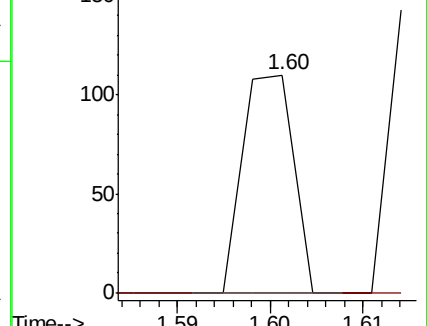
94 100

96 0.0 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#16

Acetone

Concen: 0.538 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034245.D

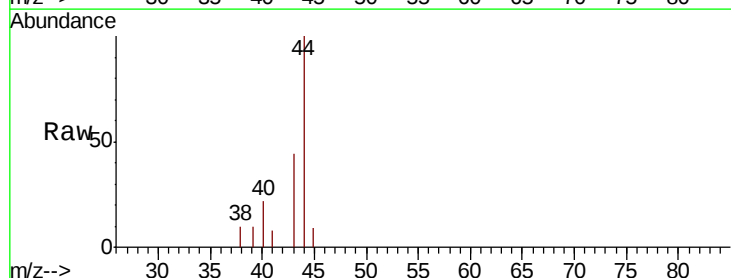
Acq: 04 Sep 2019 10:18

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

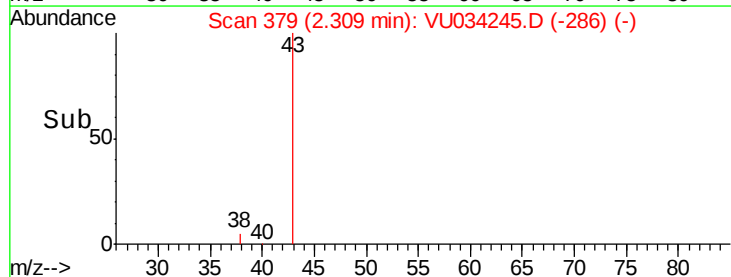
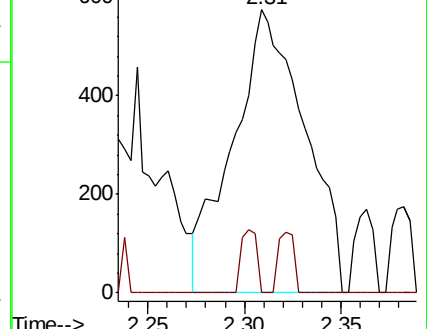
43 100

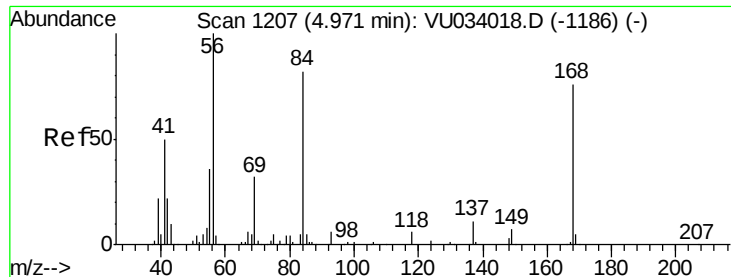
58 0.0 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#31

Cyclohexane

Concen: 0.879 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBL01

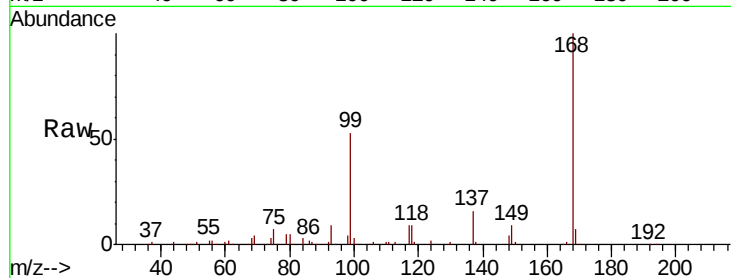
Tgt Ion: 56 Resp: 7113

Ion Ratio Lower Upper

56 100

69 206.8 25.4 38.0#

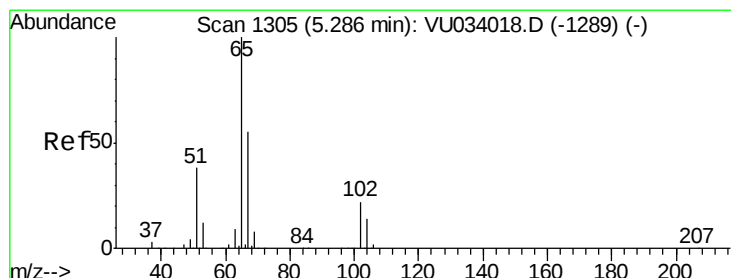
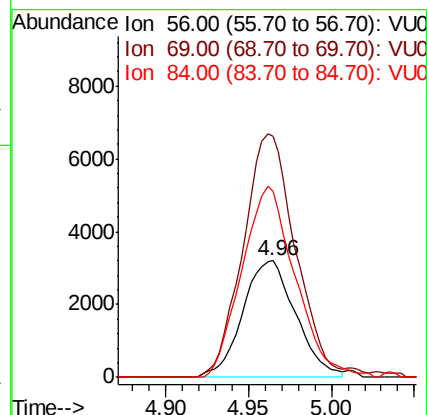
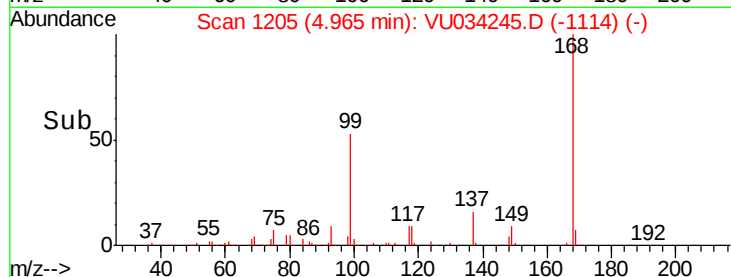
84 160.2 65.8 98.8#



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: 48.303 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034245.D

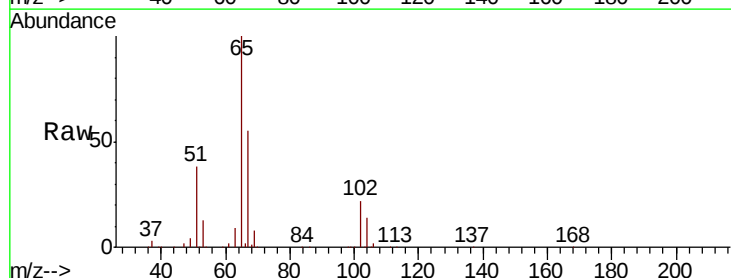
Acq: 04 Sep 2019 10:18

Tgt Ion: 65 Resp: 261821

Ion Ratio Lower Upper

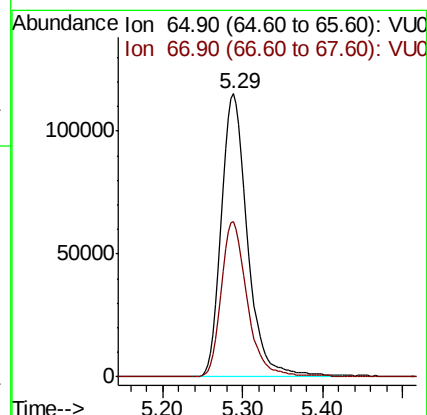
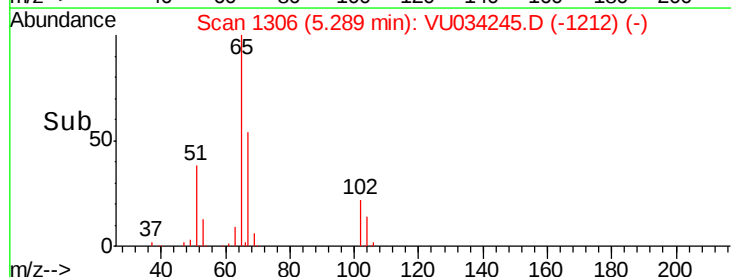
65 100

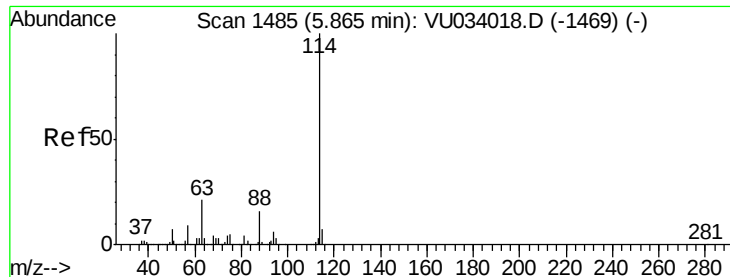
67 54.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

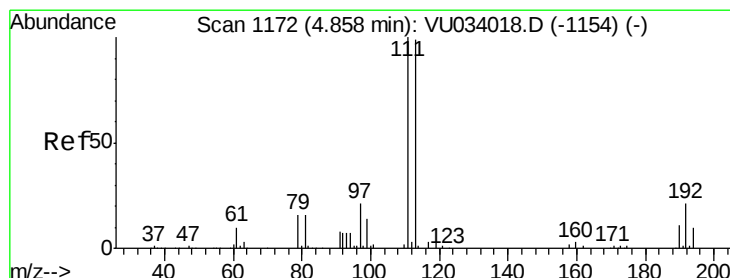
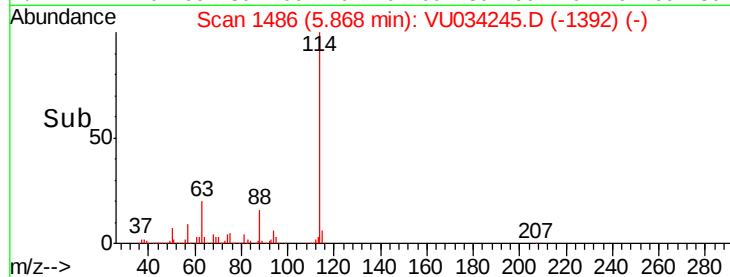
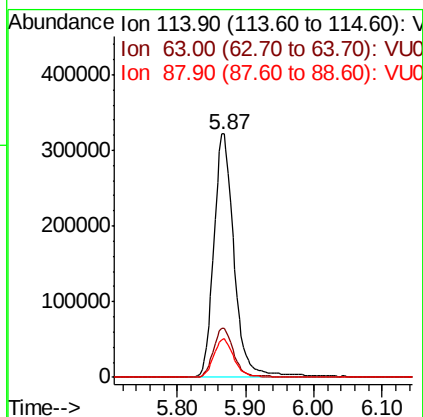
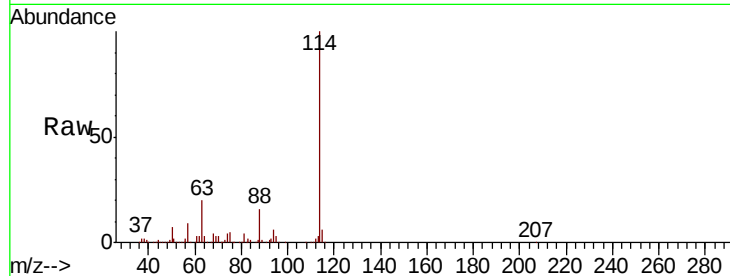




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

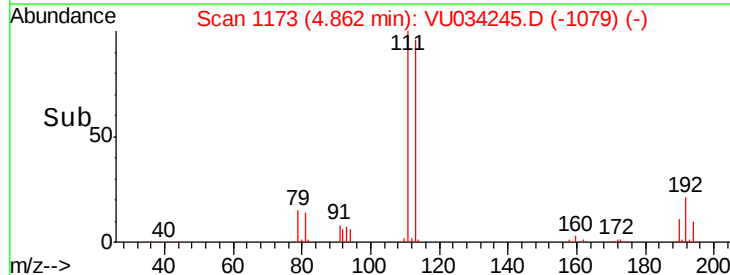
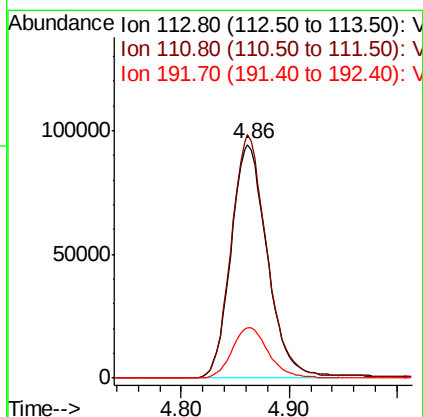
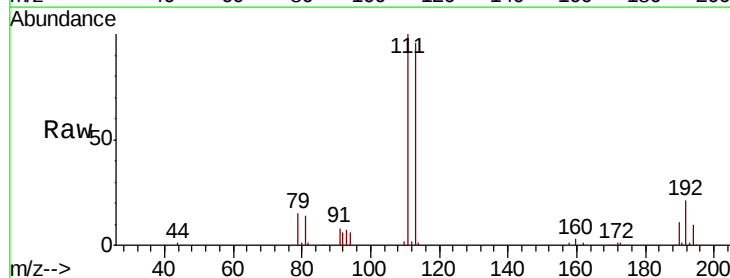
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

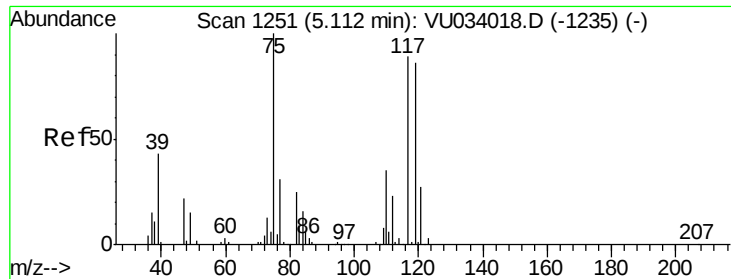
Tgt Ion:114 Resp: 669153
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.390 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

Tgt Ion:113 Resp: 219945
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 21.8 17.1 25.7

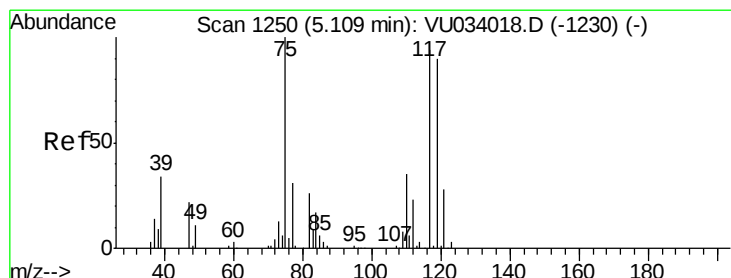
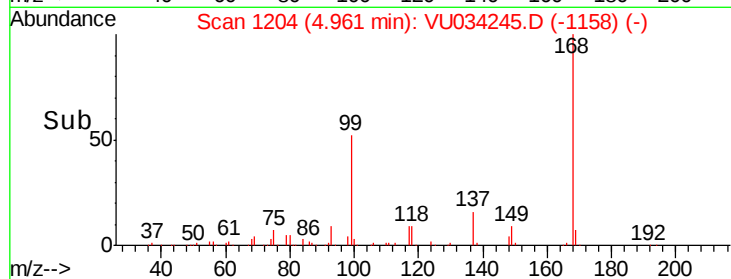
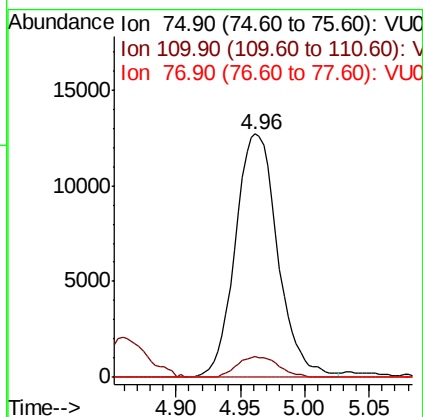
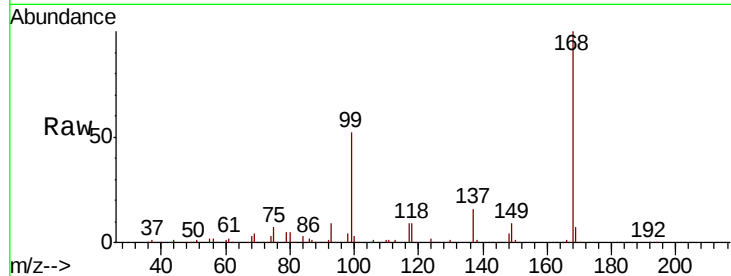




#36
 1,1-Dichloropropene
 Concen: 4.602 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

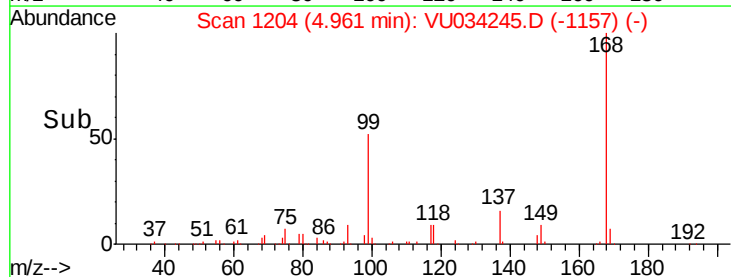
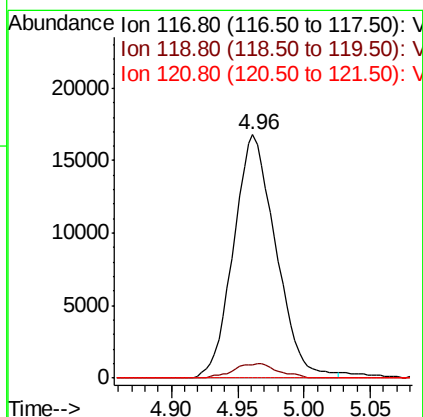
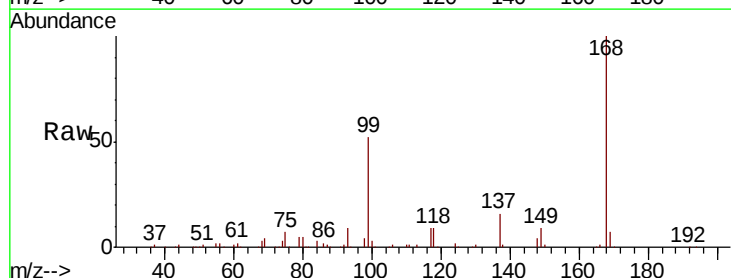
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

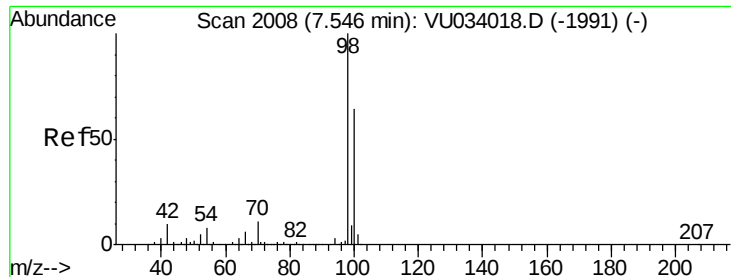
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.099 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.0	115.4#
121	0.0	23.9	35.9#

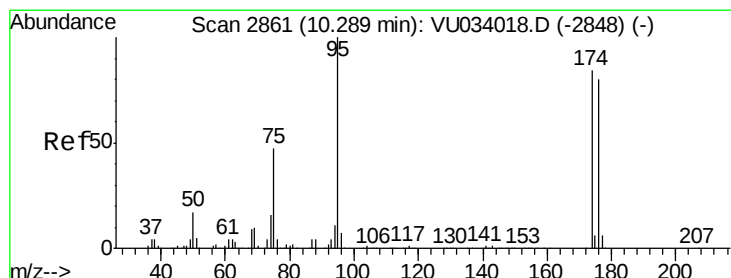
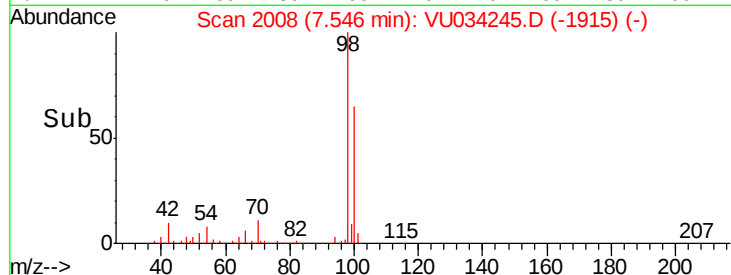
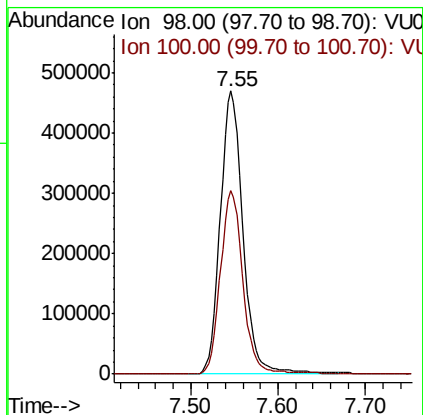
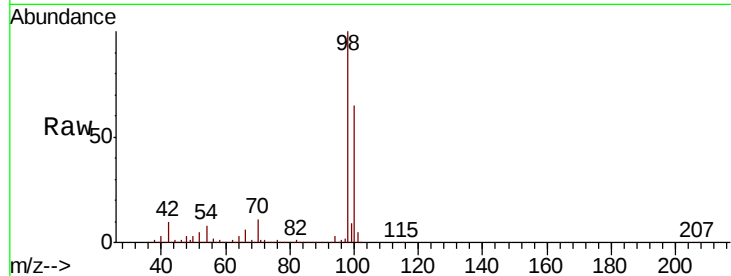




#50
Toluene-d8
Concen: 48.839 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

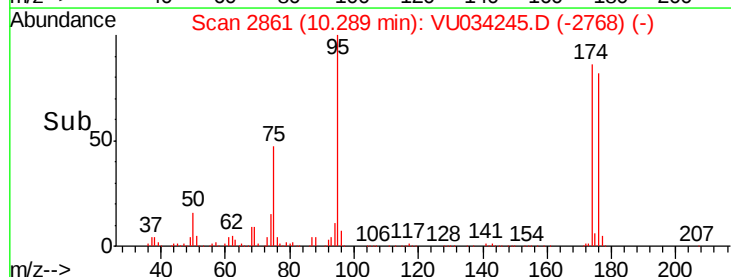
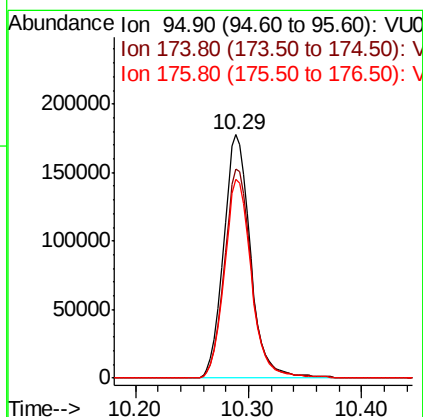
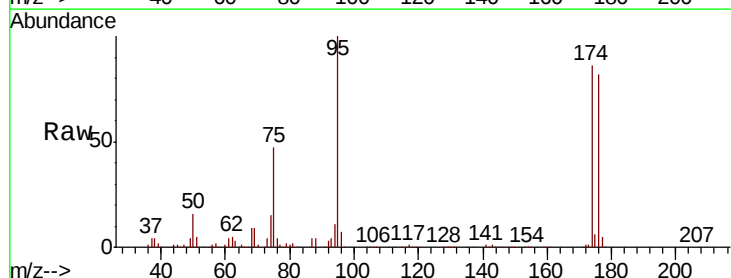
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBL01

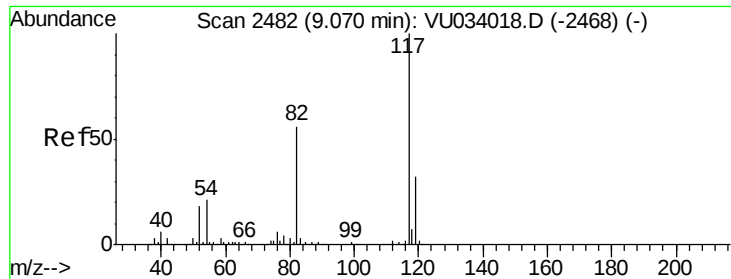
Tgt Ion: 98 Resp: 848734
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.339 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

Tgt Ion: 95 Resp: 292974
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.8
176 82.4 0.0 161.8

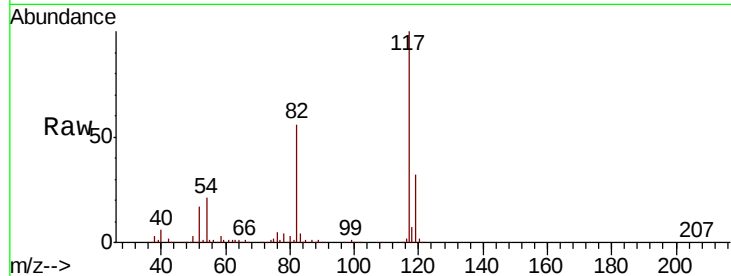




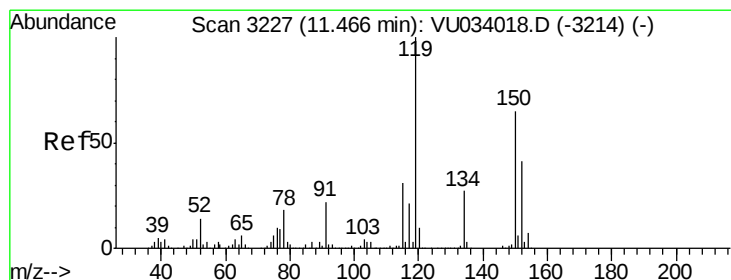
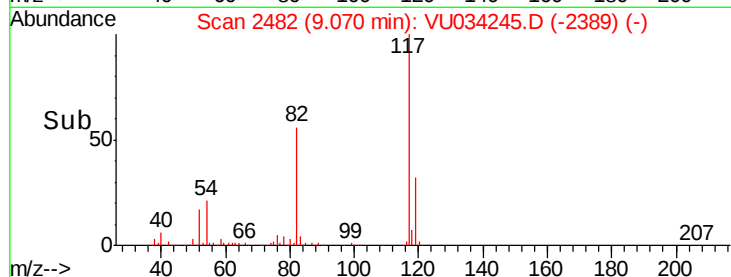
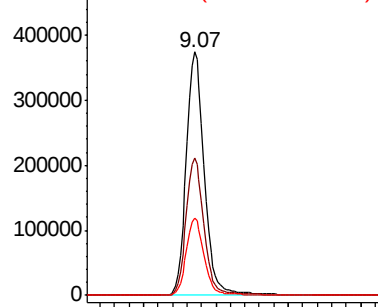
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBL01

Tgt Ion:117 Resp: 648108
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 31.7 25.4 38.0

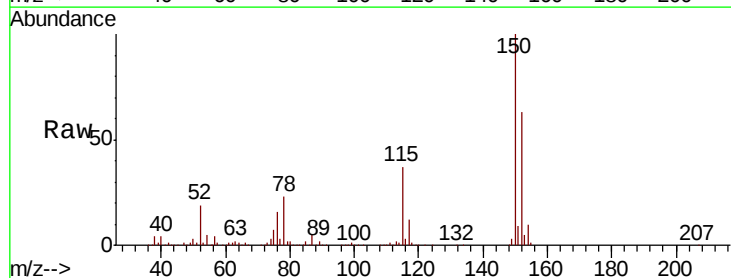


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

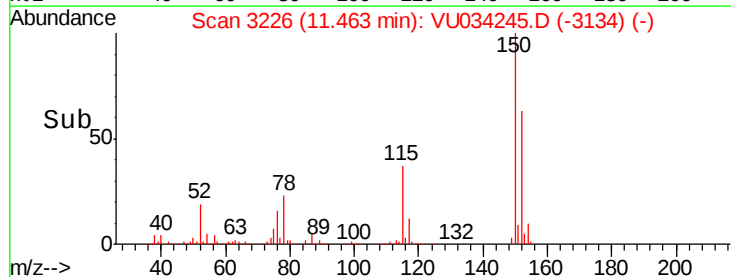
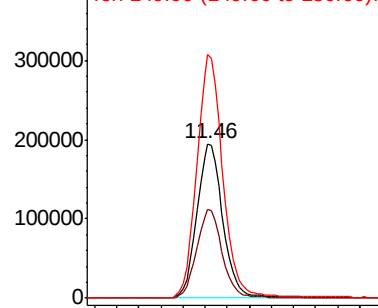


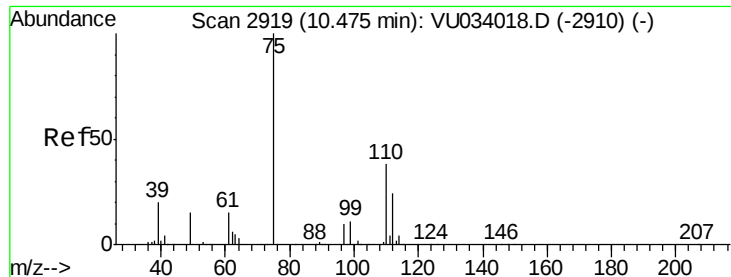
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034245.D
Acq: 04 Sep 2019 10:18

Tgt Ion:152 Resp: 318555
Ion Ratio Lower Upper
152 100
115 57.0 41.1 123.3
150 158.2 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: 19.438 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

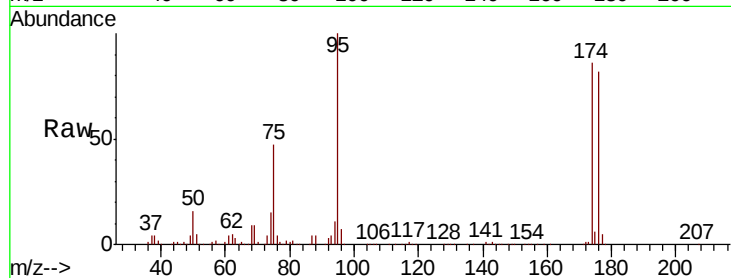
VU0905WBL01

Tgt Ion: 75 Resp: 139557

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

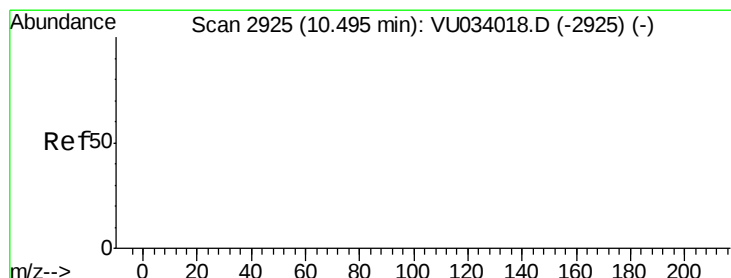
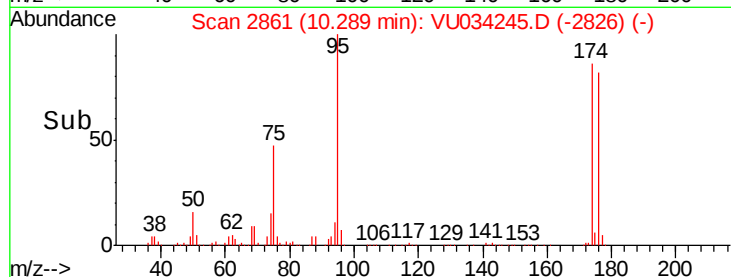
40000

20000

0

Time-->

10.20 10.30 10.40



#81

trans-1,4-Dichloro-2-butene

Concen: 65.452 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034245.D

Acq: 04 Sep 2019 10:18

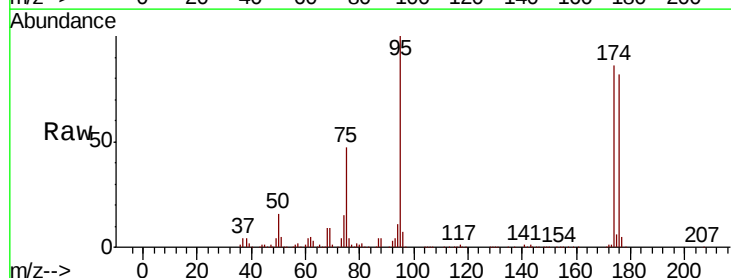
Tgt Ion: 75 Resp: 139557

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

10.29

80000

60000

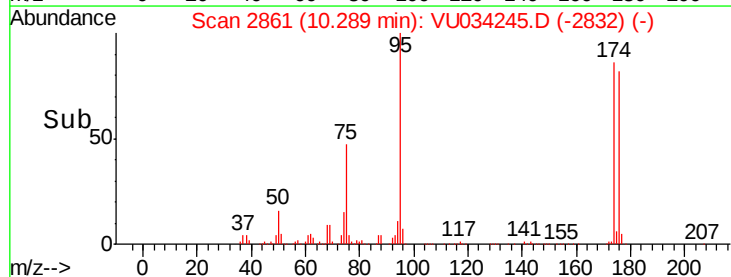
40000

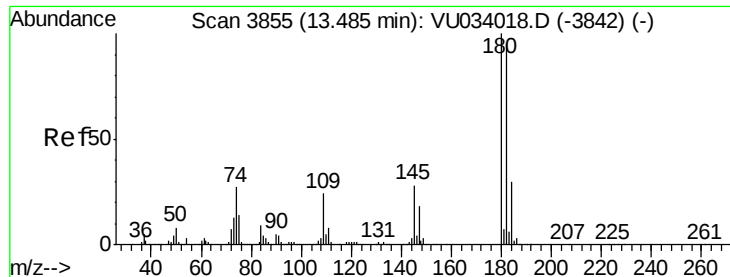
20000

0

Time-->

10.20 10.30 10.40

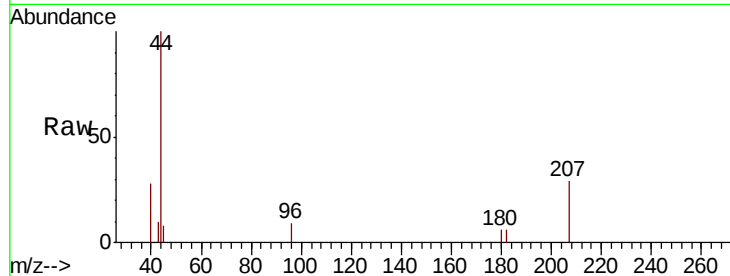




#93
 1,2,4-Trichlorobenzene
 Concen: 1.117 ug/l
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.05 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

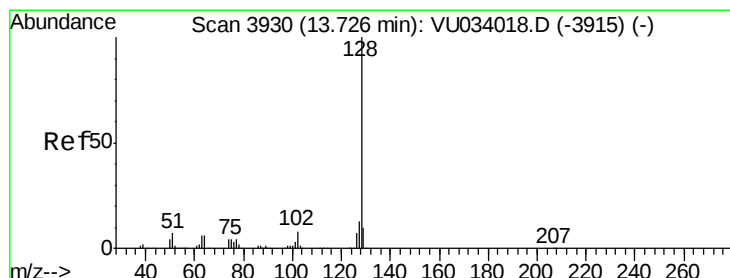
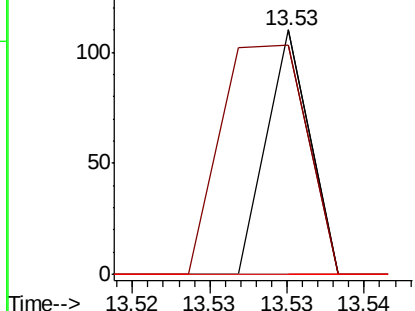
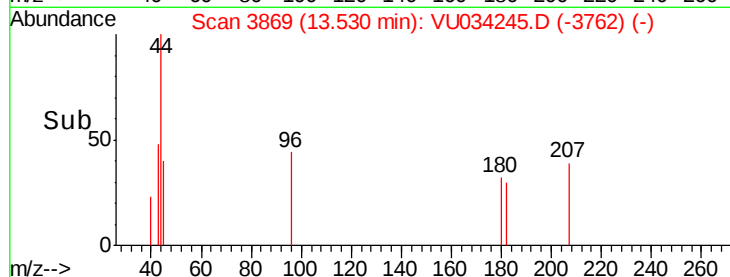
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	190.5	47.4	142.2#
145	0.0	14.1	42.3#



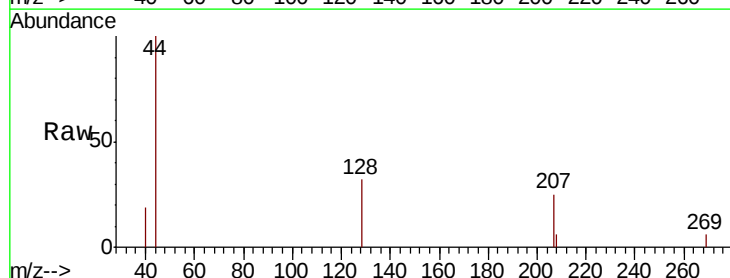
Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

13.53



#95
 Naphthalene
 Concen: 1.840 ug/l
 RT: 13.78 min Scan# 3947
 Delta R.T. 0.05 min
 Lab File: VU034245.D
 Acq: 04 Sep 2019 10:18

Tgt 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

13.78

