

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034260.D
 Acq On : 04 Sep 2019 16:07
 Operator : JC/SP
 Sample : K4547-31
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G1-(0)

Quant Time: Sep 05 03:39:39 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	430654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	694253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	695780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339307	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	265249	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	4.86	113	227052	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	7.55	98	903283	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	10.29	95	311104	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	

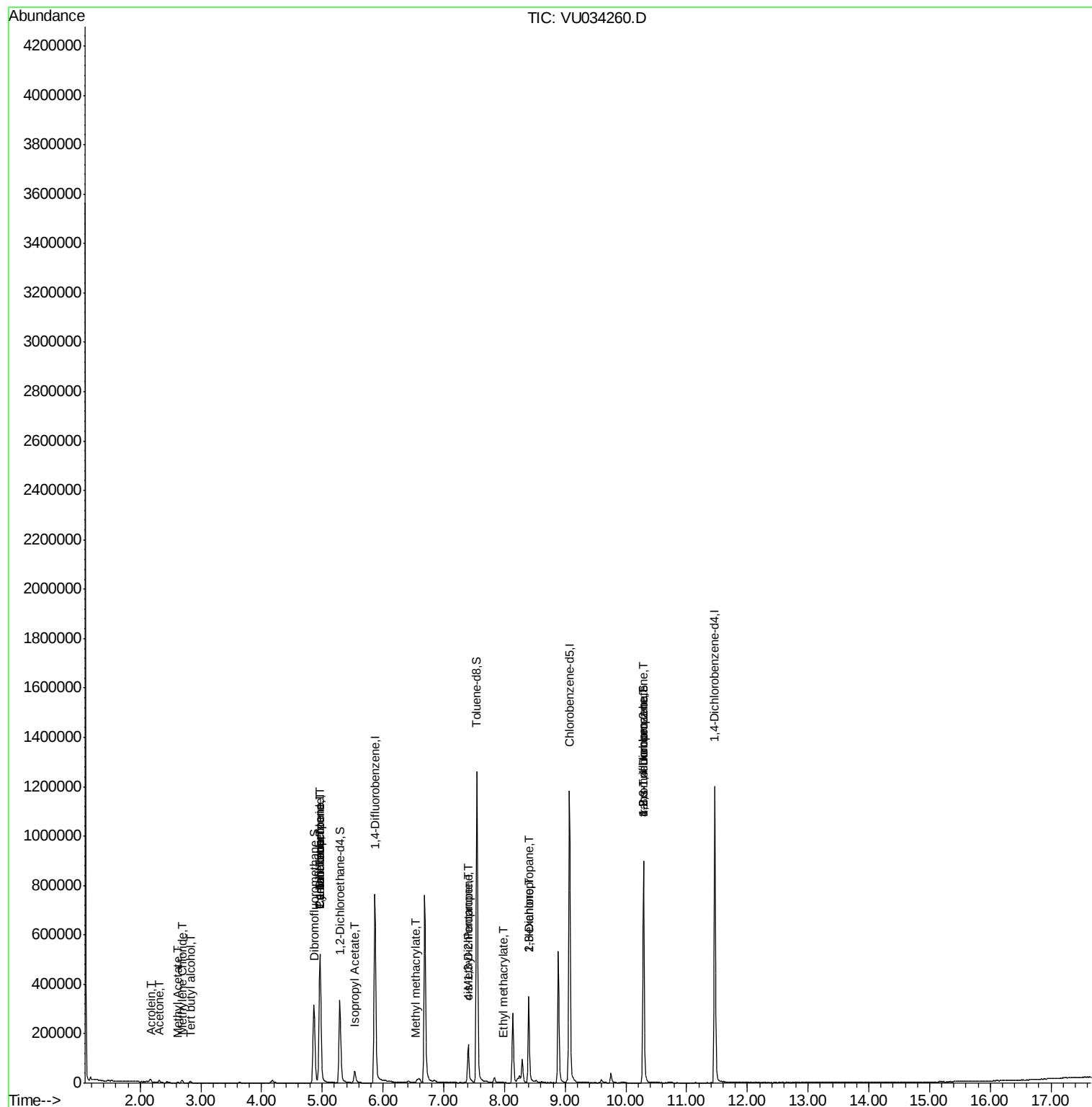
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	365	Below Cal	#	51
5) Bromomethane	1.57	94	100	Below Cal	#	2
11) Tert butyl alcohol	2.83	59	4296	3.376	ug/l #	73
13) Acrolein	2.19	56	160	0.299	ug/l	92
16) Acetone	2.31	43	10905	3.873	ug/l	90
18) Methyl Acetate	2.62	43	2419	0.332	ug/l	94
20) Methylene Chloride	2.69	84	5219	0.979	ug/l	90
31) Cyclohexane	4.96	56	7480	0.908	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	30117	4.586	ug/l #	48
38) Carbon Tetrachloride	4.96	117	38724	6.109	ug/l #	18
43) Isopropyl Acetate	5.53	43	58008	5.185	ug/l	99
48) Methyl methacrylate	6.53	41	3255	0.603	ug/l #	14
51) 4-Methyl-2-Pentanone	7.40	43	60378	7.815	ug/l #	46
54) cis-1,3-Dichloropropene	7.41	75	29124	3.485	ug/l #	61
56) Ethyl methacrylate	7.98	69	106	0.984	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	3633	0.413	ug/l #	42
59) 2-Hexanone	8.40	43	47903	8.213	ug/l #	54
76) 1,2,3-Trichloropropane	10.29	75	146666	19.179	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	146666	64.579	ug/l #	100

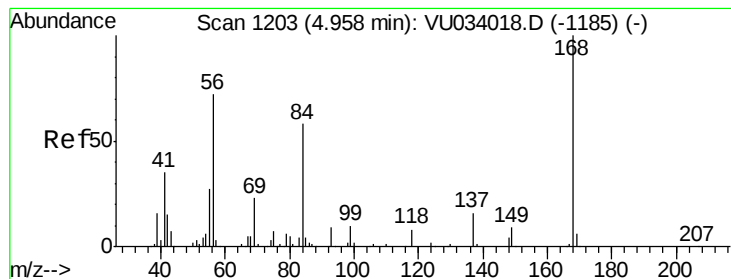
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
Data File : VU034260.D
Acq On : 04 Sep 2019 16:07
Operator : JC/SP
Sample : K4547-31
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

Quant Time: Sep 05 03:39:39 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: VU034260.D

Acq: 04 Sep 2019 16:07

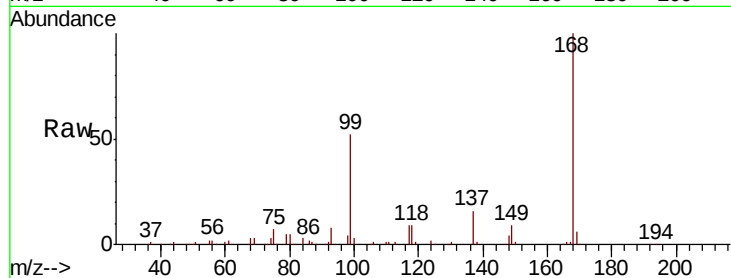
Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

Tgt Ion: 168 Resp: 430654

Ion Ratio Lower Upper

168 100

99 52.2 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

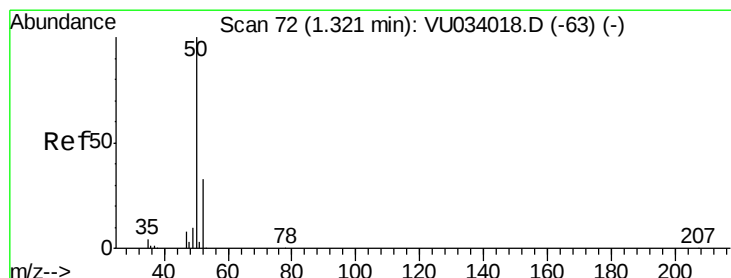
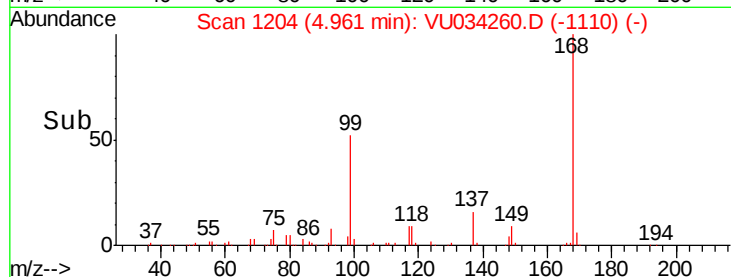
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034260.D

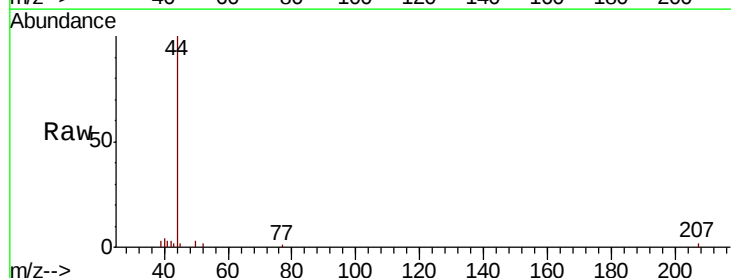
Acq: 04 Sep 2019 16:07

Tgt Ion: 50 Resp: 365

Ion Ratio Lower Upper

50 100

52 60.6 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU034260.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034260.D (-1) (-)

1.33

300

250

200

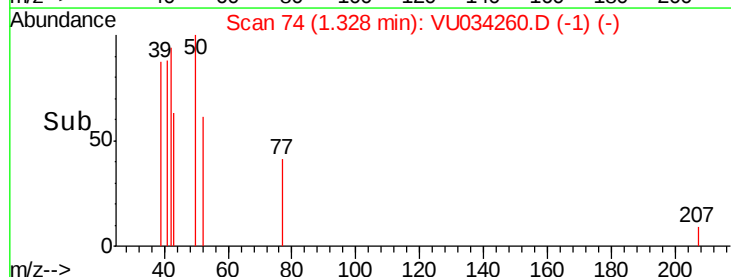
150

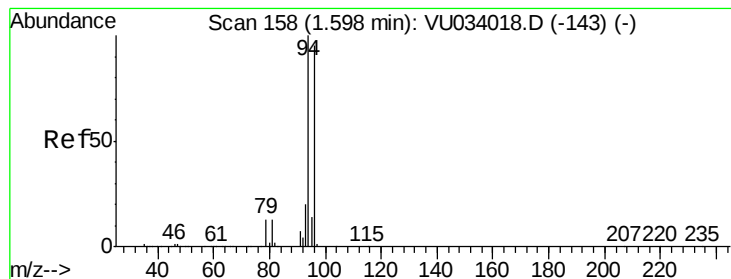
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.57 min Scan# 149

Delta R.T. -0.03 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

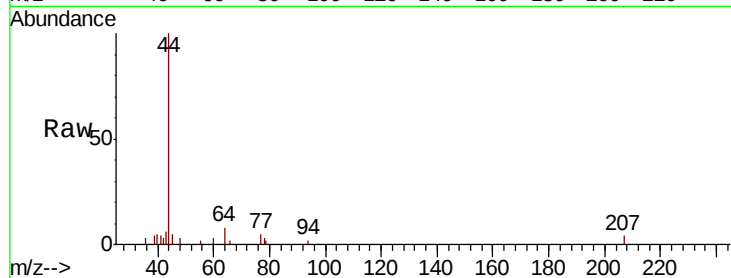
T7-S-G1(0)

Tgt Ion: 94 Resp: 100

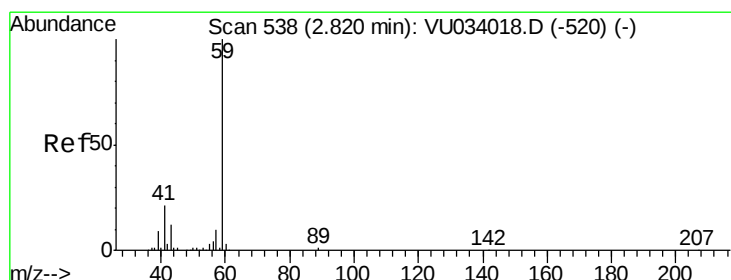
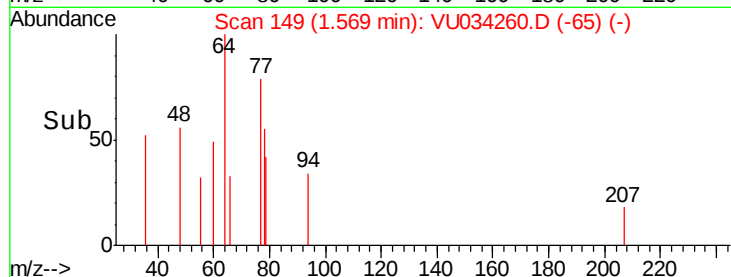
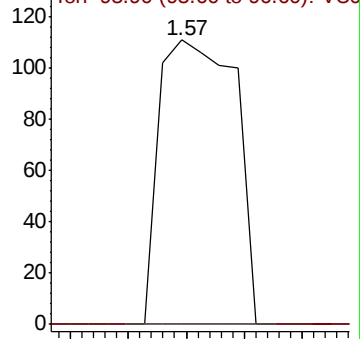
Ion Ratio Lower Upper

94 100

96 0.0 76.3 114.5#



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



#11

Tert butyl alcohol

Concen: 3.376 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034260.D

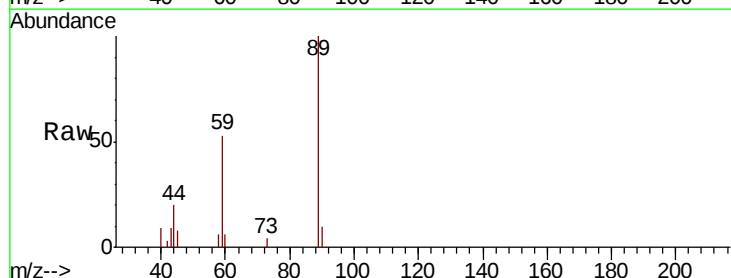
Acq: 04 Sep 2019 16:07

Tgt Ion: 59 Resp: 4296

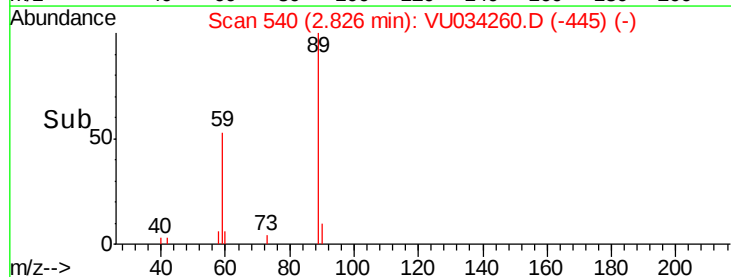
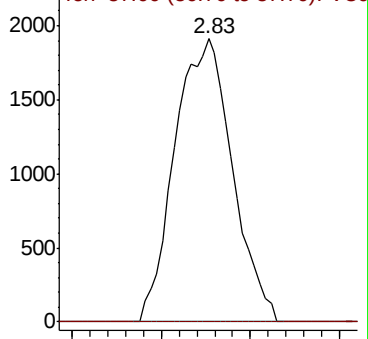
Ion Ratio Lower Upper

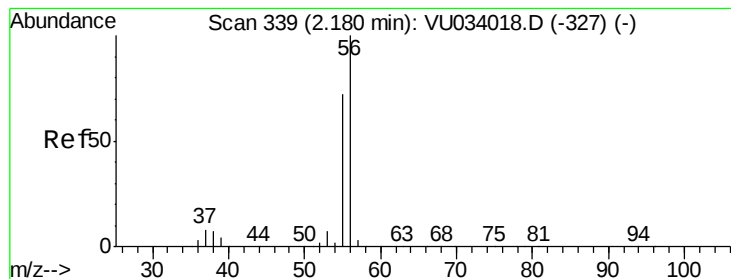
59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034018.D (-520) (-)





#13

Acrolein

Concen: 0.299 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

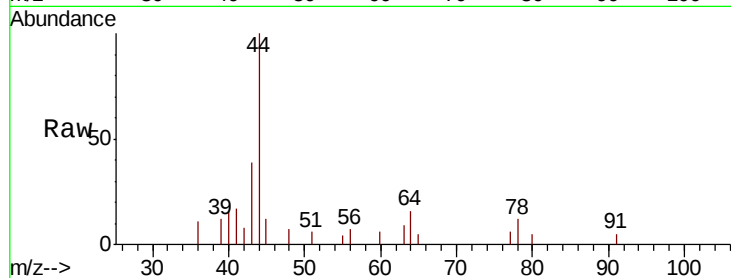
T7-S-G1-(0)

Tgt Ion: 56 Resp: 160

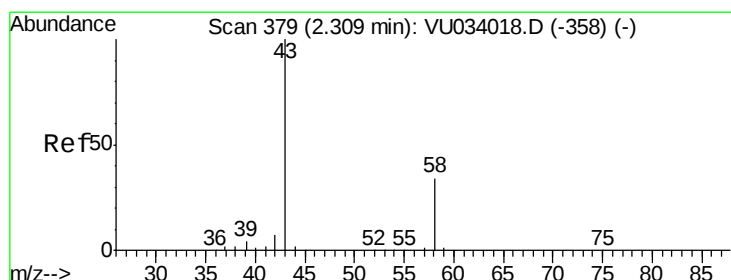
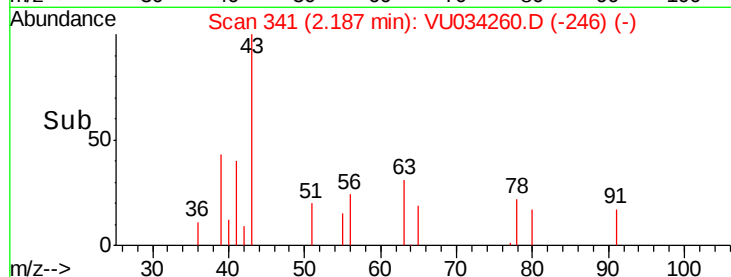
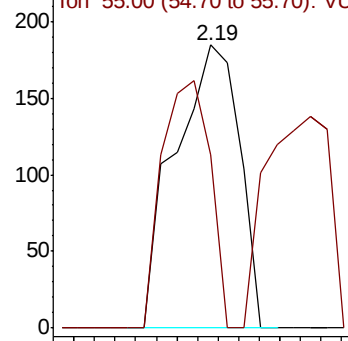
Ion Ratio Lower Upper

56 100

55 65.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034018.D (-327) (-)



#16

Acetone

Concen: 3.873 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034260.D

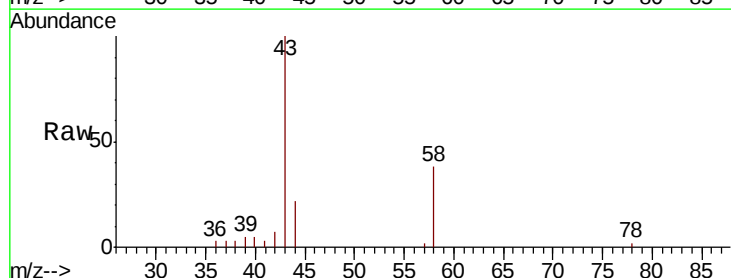
Acq: 04 Sep 2019 16:07

Tgt Ion: 43 Resp: 10905

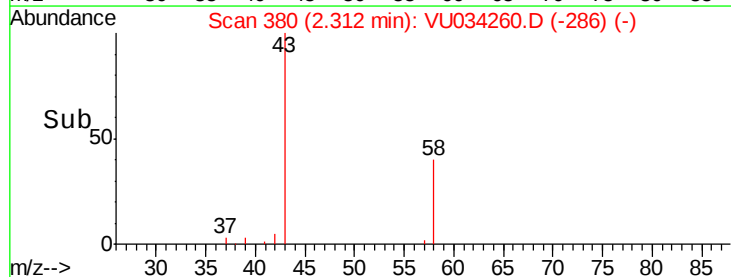
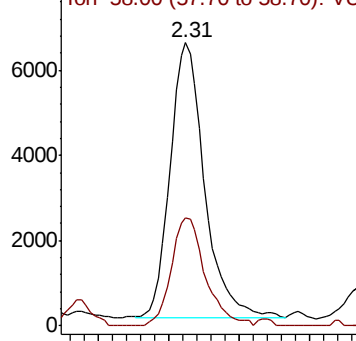
Ion Ratio Lower Upper

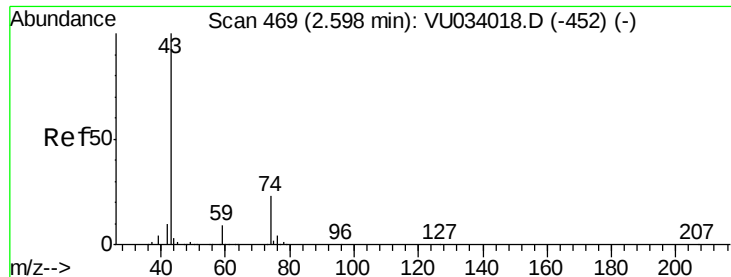
43 100

58 39.5 26.8 40.2



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

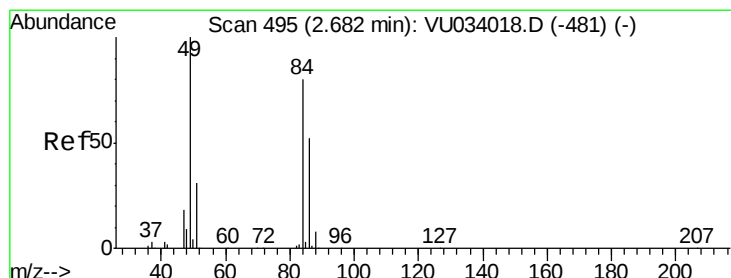
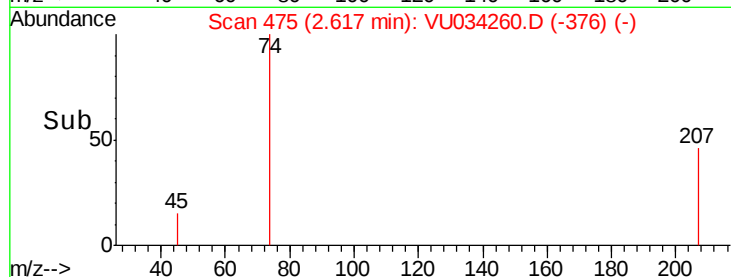
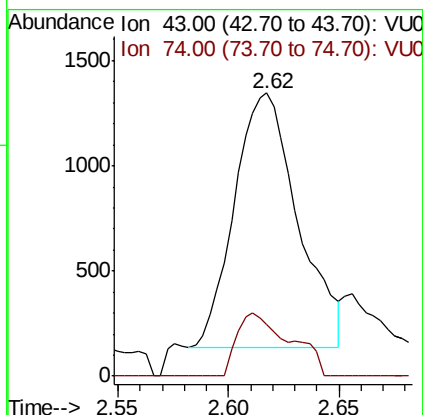
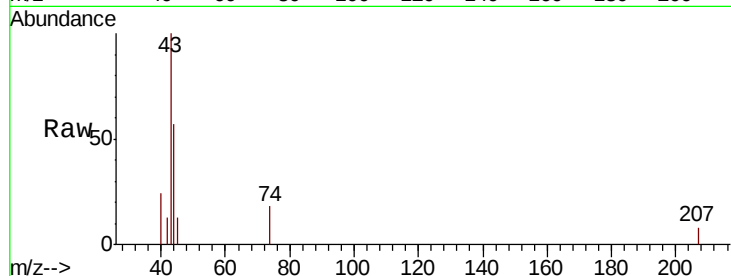




#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 2.62 min Scan# 475
Delta R.T. 0.02 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

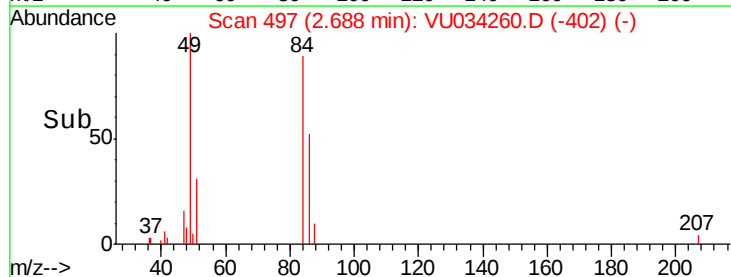
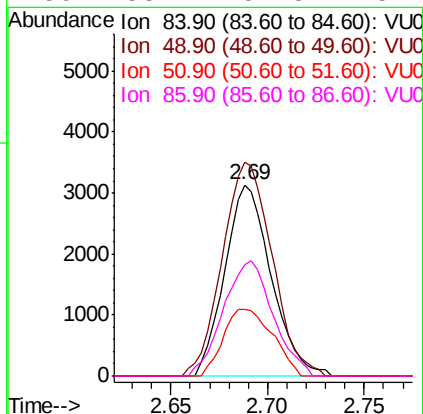
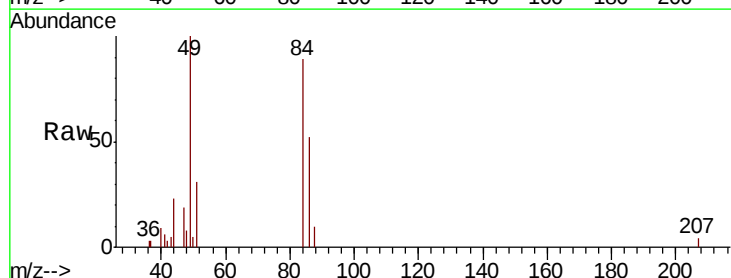
Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

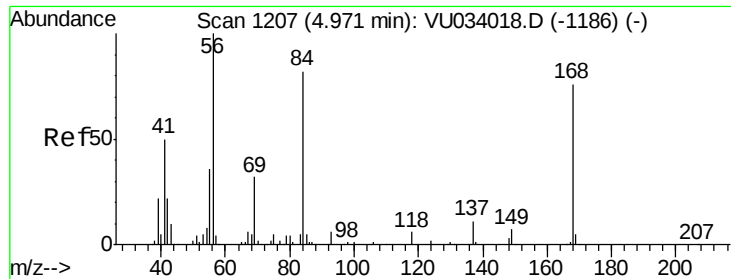
Tgt Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
74 20.9 19.2 28.8



#20
Methylene Chloride
Concen: 0.979 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Tgt Ion: 84 Resp: 5219
Ion Ratio Lower Upper
84 100
49 111.8 100.2 150.4
51 34.8 30.8 46.2
86 58.1 52.5 78.7

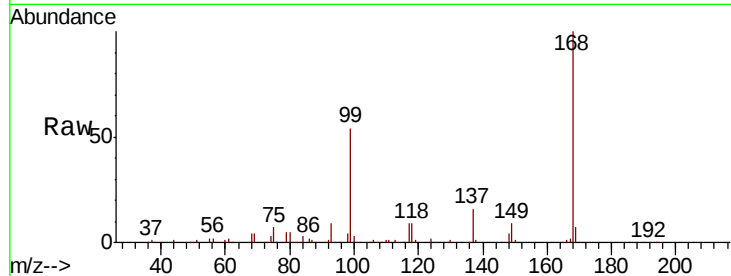




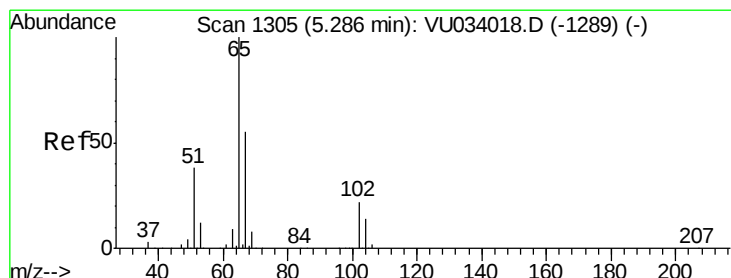
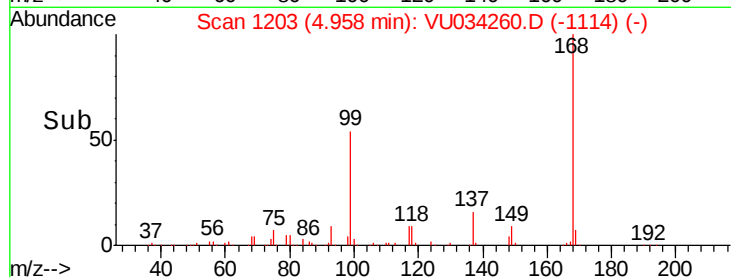
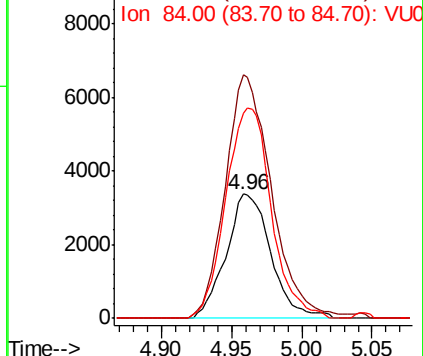
#31
Cyclohexane
Concen: 0.908 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

Tgt Ion: 56 Resp: 7480
Ion Ratio Lower Upper
56 100
69 196.1 25.4 38.0#
84 165.5 65.8 98.8#

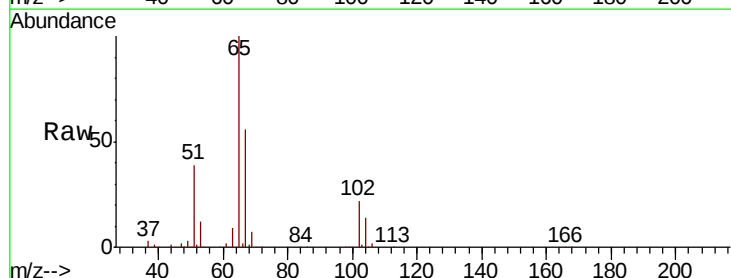


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

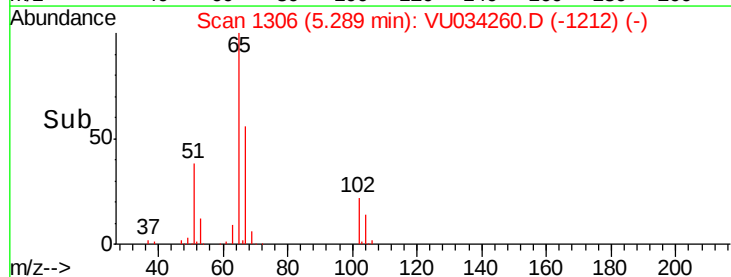
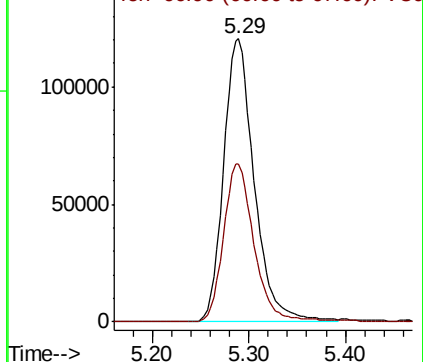


#33
1,2-Dichloroethane-d4
Concen: 48.069 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Tgt Ion: 65 Resp: 265249
Ion Ratio Lower Upper
65 100
67 55.5 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: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G1-(0)

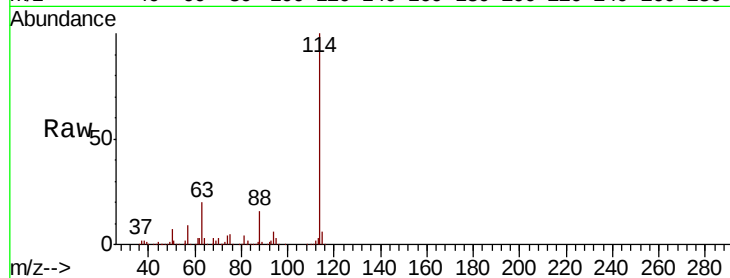
Tgt Ion:114 Resp: 694253

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

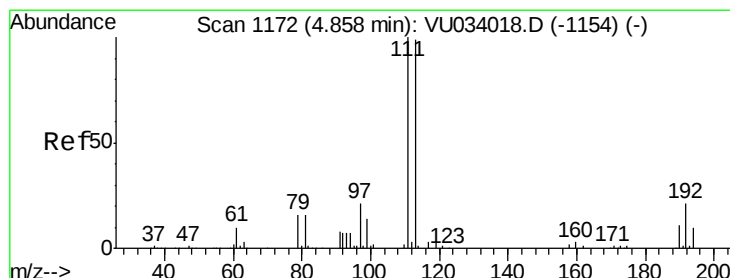
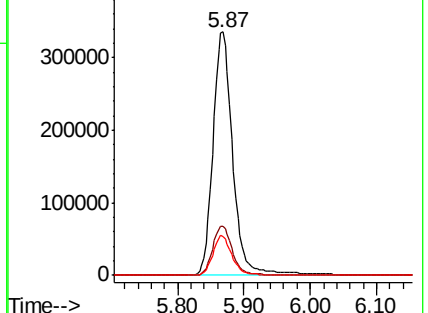
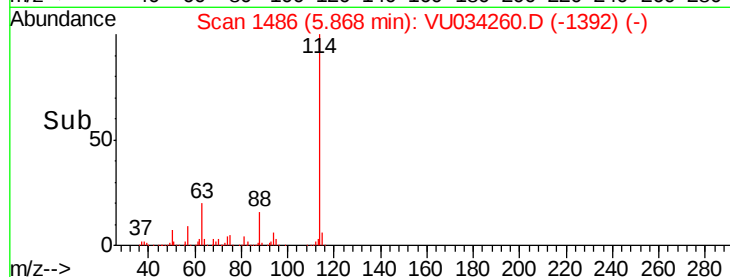
88 16.0 0.0 32.0



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: 47.152 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

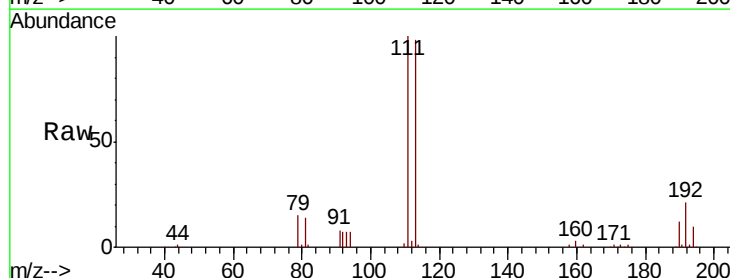
Tgt Ion:113 Resp: 227052

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

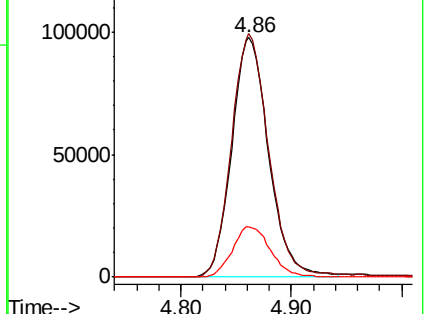
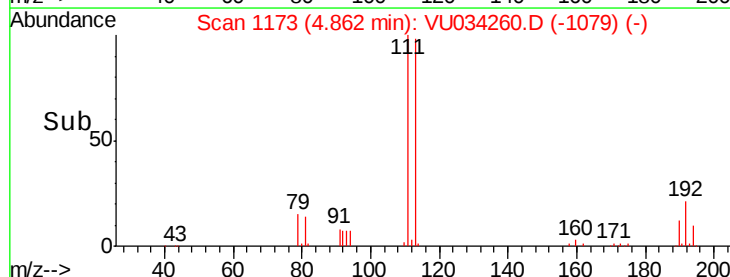
192 21.7 17.1 25.7

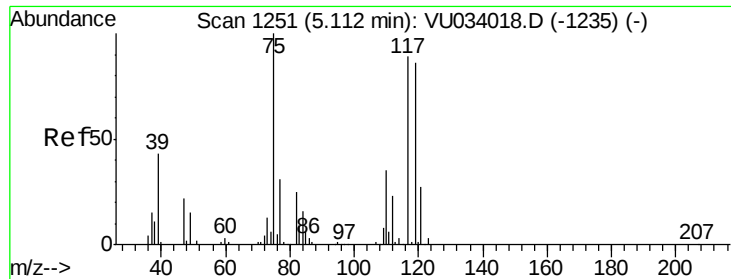


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

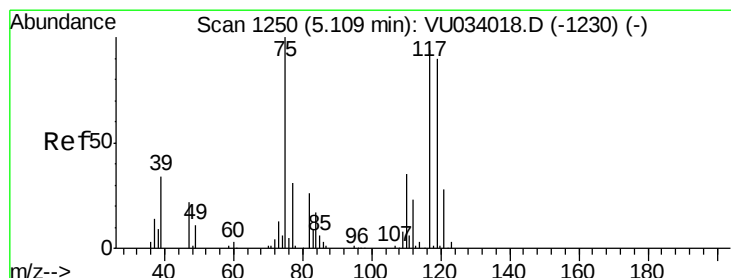
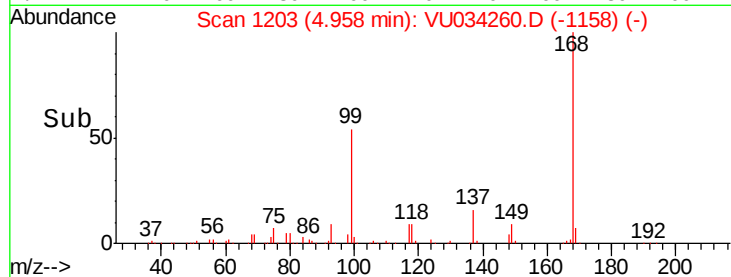
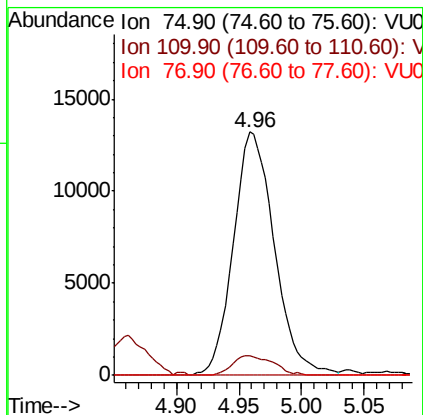
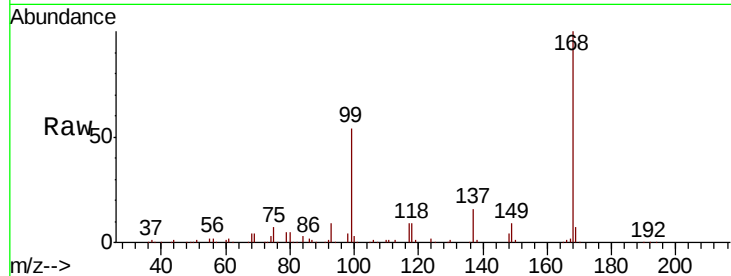




#36
 1,1-Dichloropropene
 Concen: 4.586 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.15 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

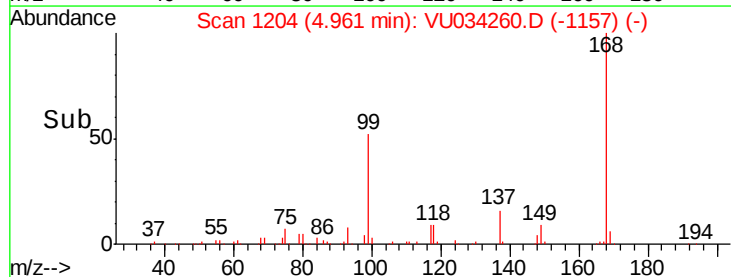
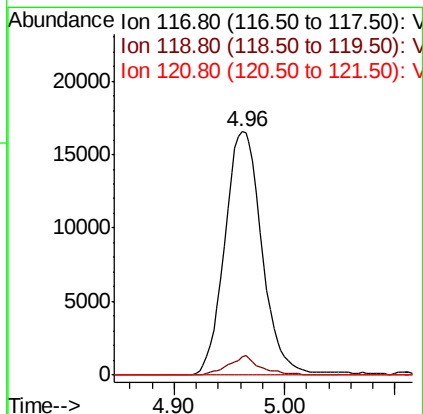
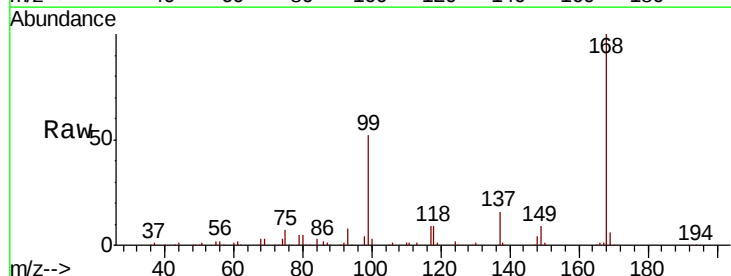
Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G1-(0)

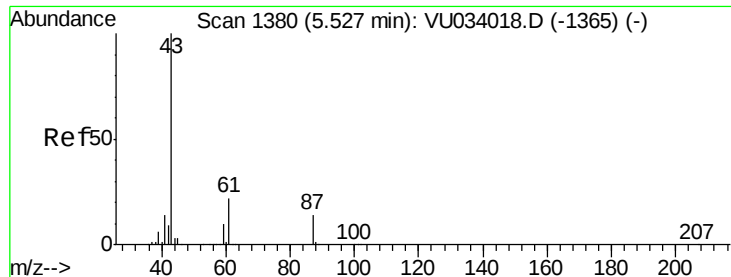
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.8	53.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.109 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	77.0	115.4#
121	0.0	23.9	35.9#

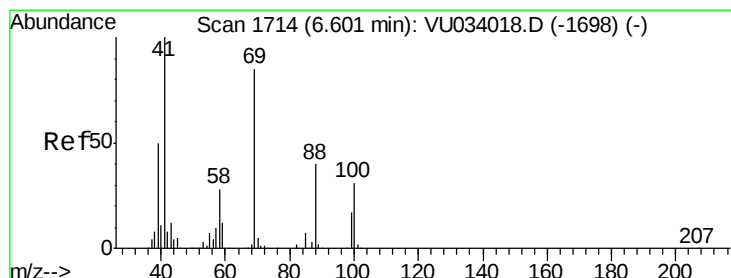
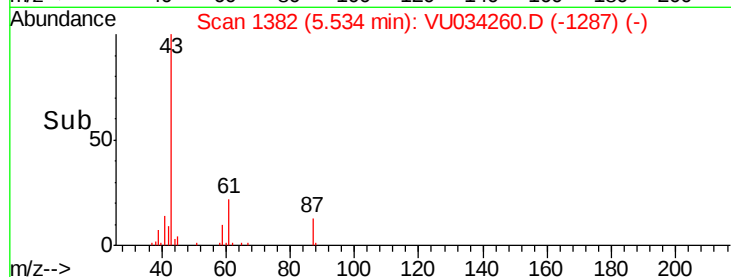
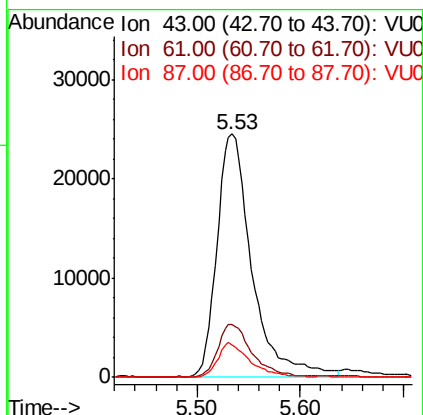
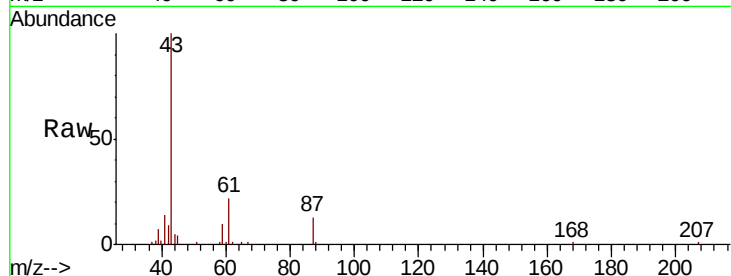




#43
Isopropyl Acetate
Concen: 5.185 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

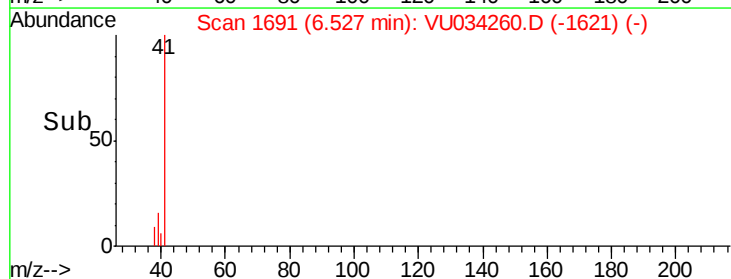
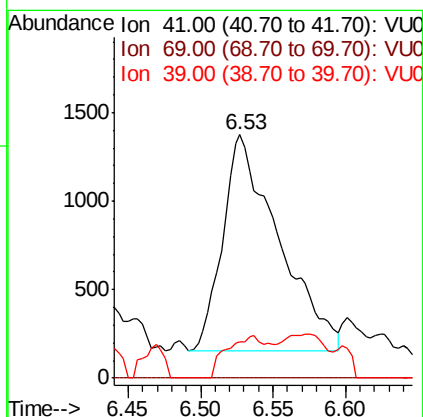
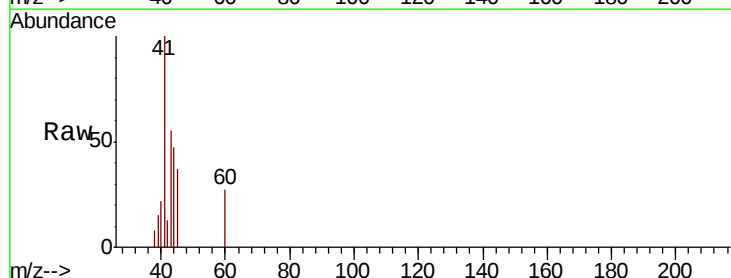
Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

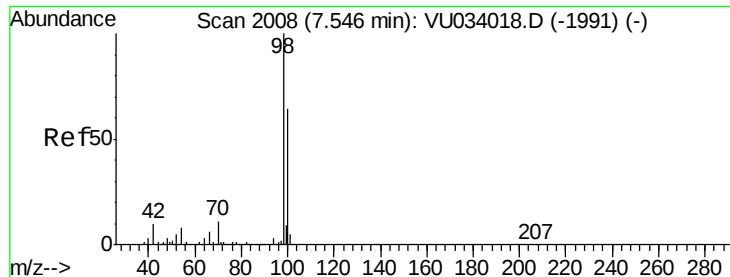
Tgt Ion: 43 Resp: 58008
Ion Ratio Lower Upper
43 100
61 21.1 17.2 25.8
87 13.2 10.8 16.2



#48
Methyl methacrylate
Concen: 0.603 ug/l
RT: 6.53 min Scan# 1691
Delta R.T. -0.07 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Tgt Ion: 41 Resp: 3255
Ion Ratio Lower Upper
41 100
69 0.0 69.5 104.3#
39 0.0 40.3 60.5#





#50

Toluene-d8

Concen: 50.098 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

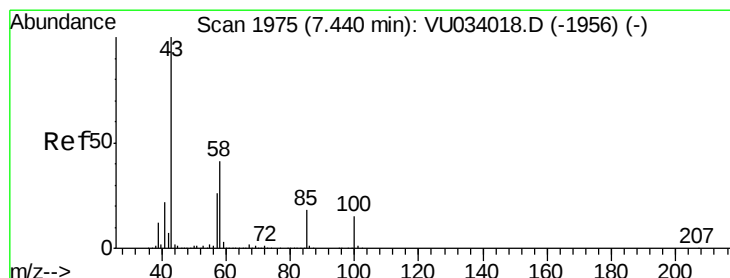
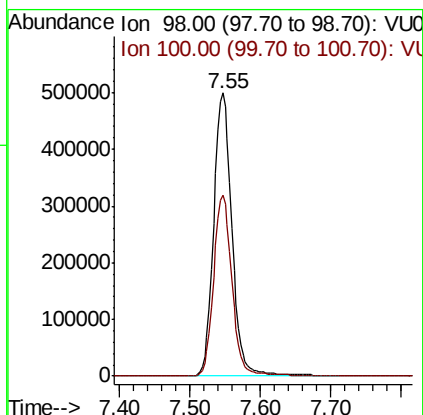
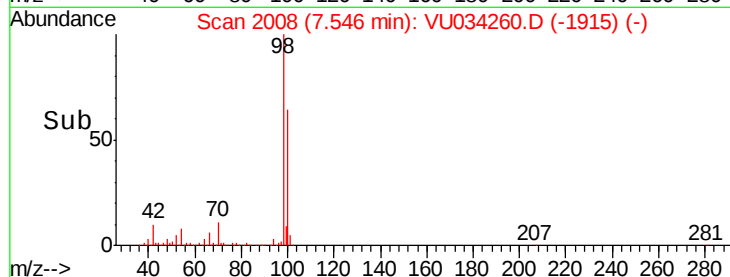
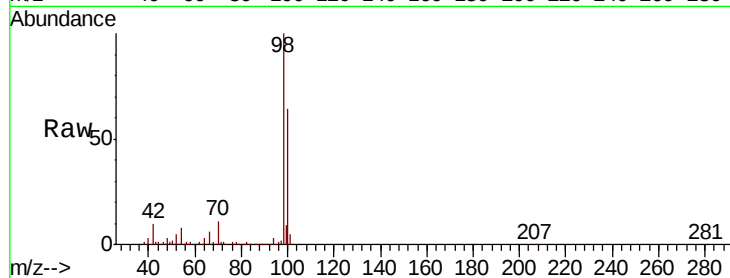
T7-S-G1-(0)

Tgt Ion: 98 Resp: 903283

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 7.815 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034260.D

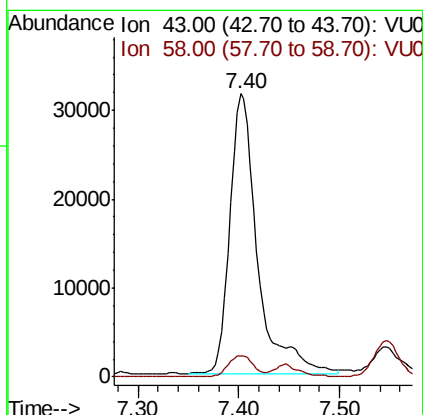
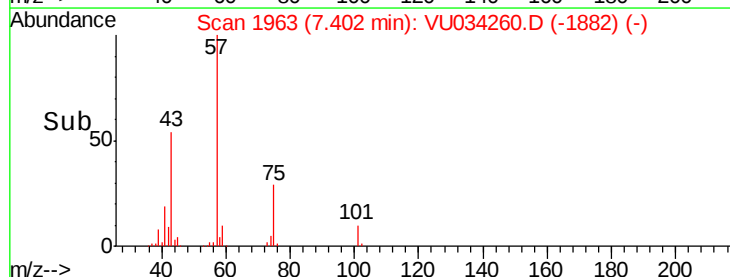
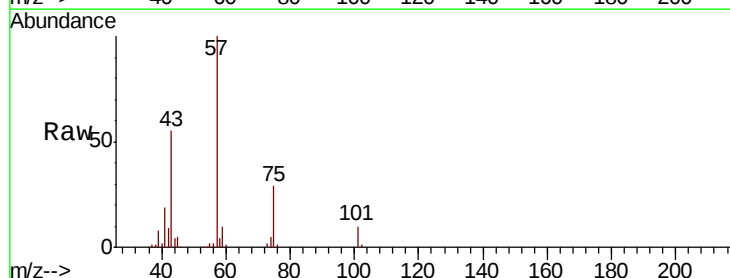
Acq: 04 Sep 2019 16:07

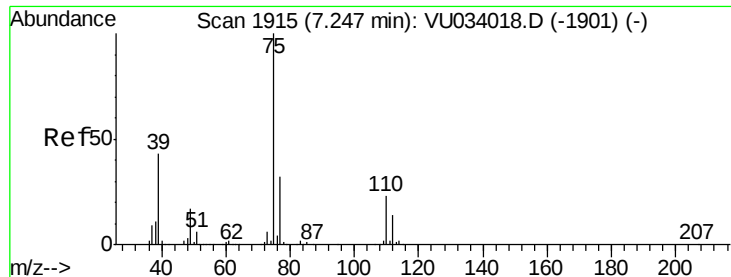
Tgt Ion: 43 Resp: 60378

Ion Ratio Lower Upper

43 100

58 6.9 32.2 48.4#



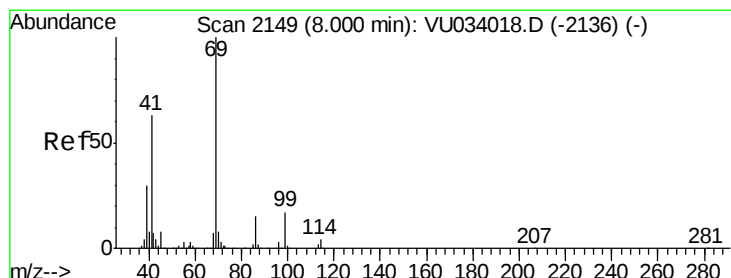
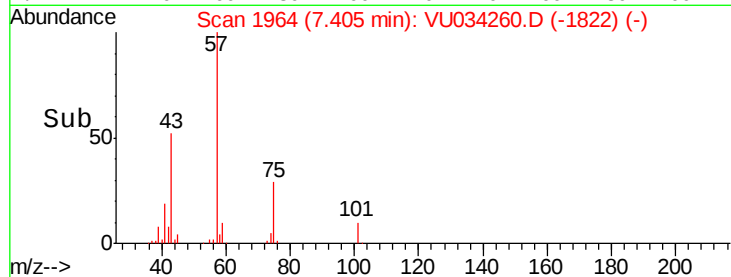
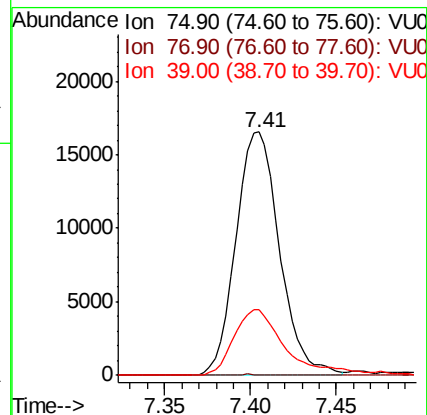
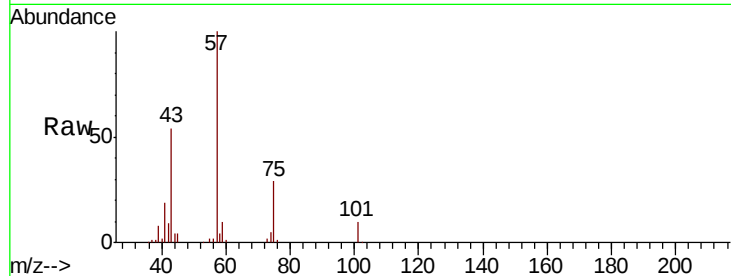


#54

cis-1,3-Dichloropropene
 Concen: 3.485 ug/l
 RT: 7.41 min Scan# 1964
 Delta R.T. 0.16 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G1-(0)

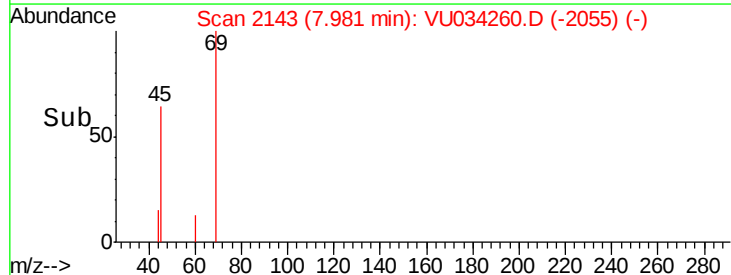
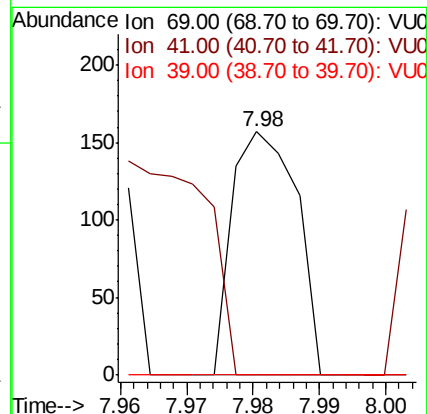
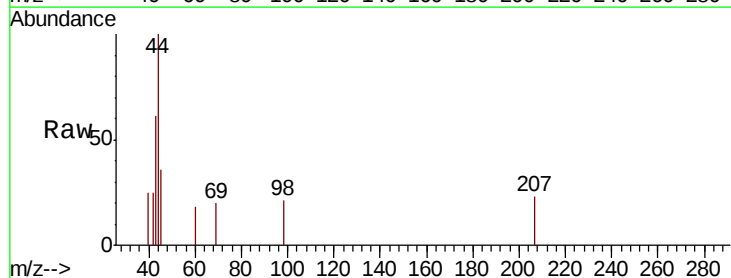
Tgt Ion: 75 Resp: 29124
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 26.9 34.6 51.8#

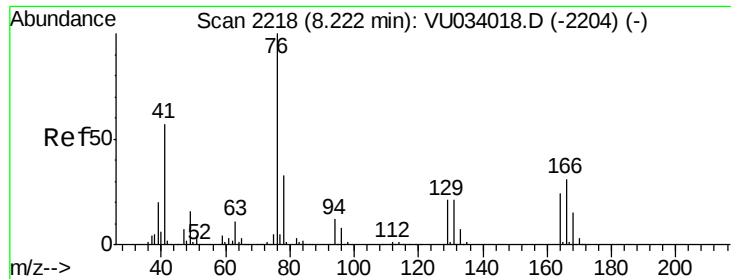


#56

Ethyl methacrylate
 Concen: 0.984 ug/l
 RT: 7.98 min Scan# 2143
 Delta R.T. -0.02 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

Tgt Ion: 69 Resp: 106
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.7 76.1#
 39 0.0 24.2 36.2#

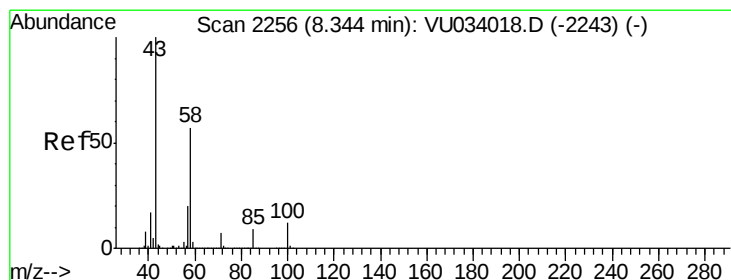
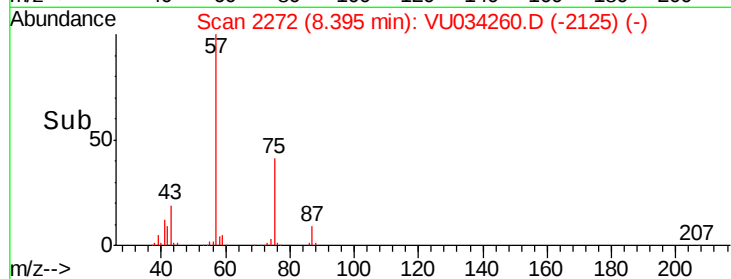
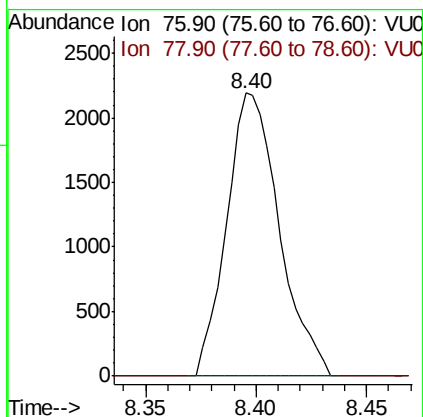
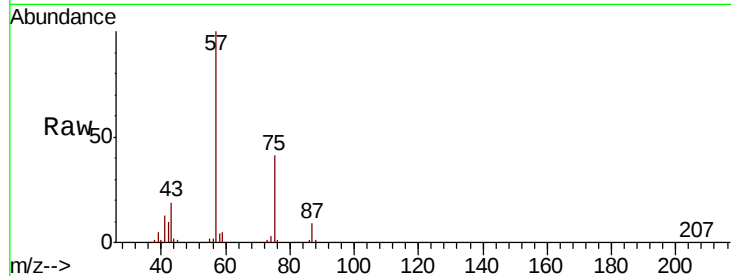




#57
 1,3-Dichloropropane
 Concen: 0.413 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.17 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

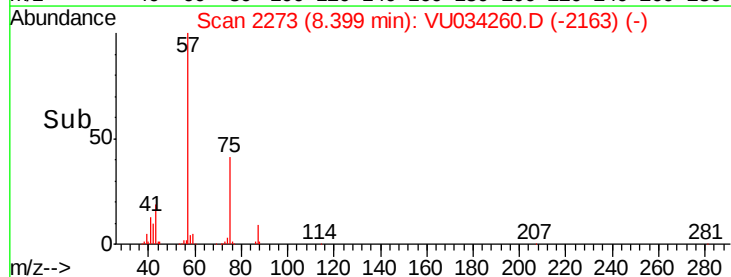
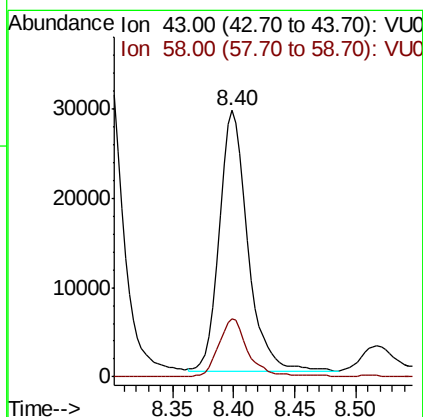
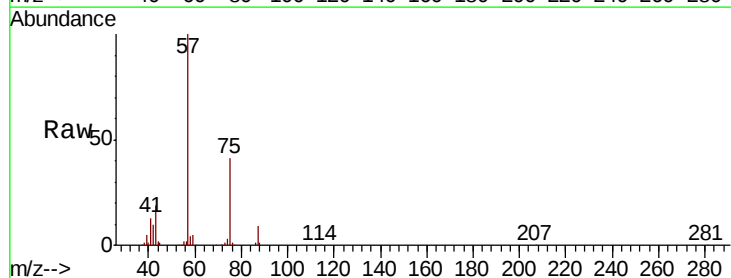
Instrument :
 MSVOA_U
 ClientSampleId :
 T7-S-G1-(0)

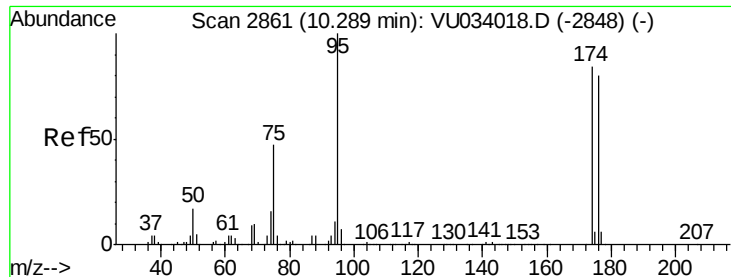
Tgt Ion: 76 Resp: 3633
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.4#



#59
 2-Hexanone
 Concen: 8.213 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.05 min
 Lab File: VU034260.D
 Acq: 04 Sep 2019 16:07

Tgt Ion: 43 Resp: 47903
 Ion Ratio Lower Upper
 43 100
 58 23.1 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 44.358 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G1-(0)

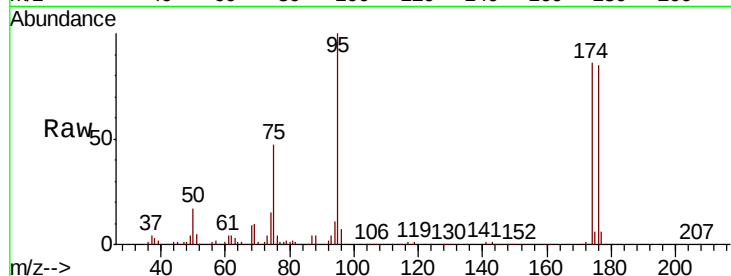
Tgt Ion: 95 Resp: 311104

Ion Ratio Lower Upper

95 100

174 86.7 0.0 168.8

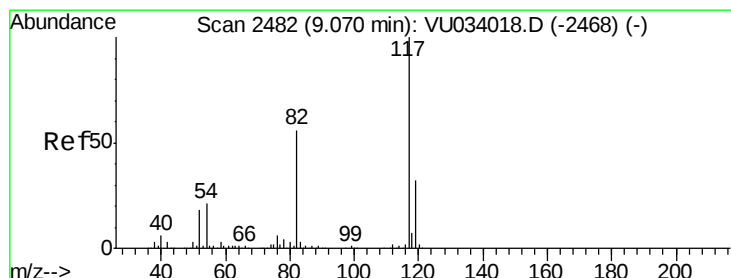
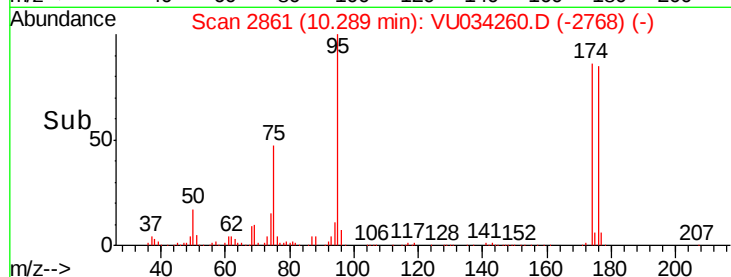
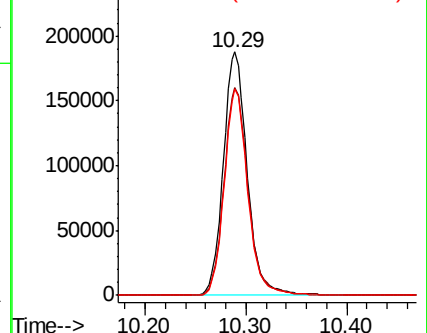
176 83.6 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034260.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034260.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034260.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

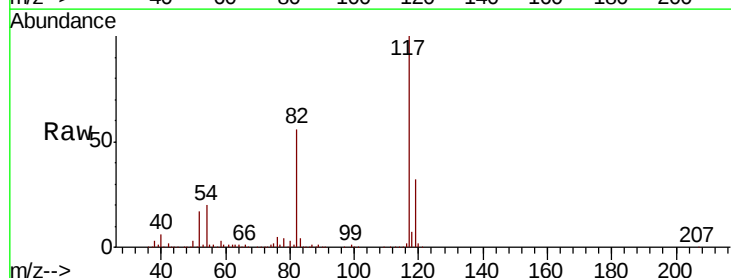
Tgt Ion: 117 Resp: 695780

Ion Ratio Lower Upper

117 100

82 56.1 45.1 67.7

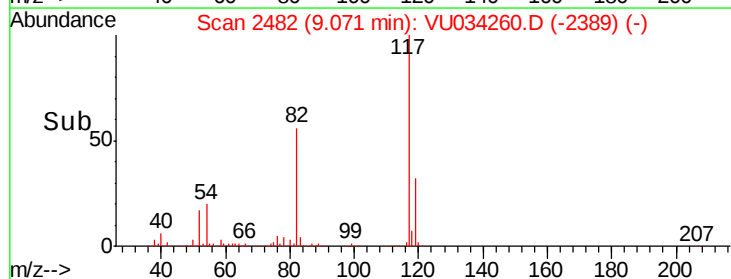
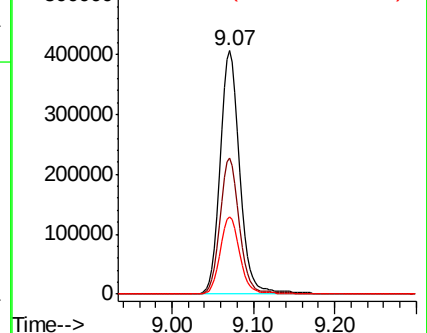
119 31.8 25.4 38.0

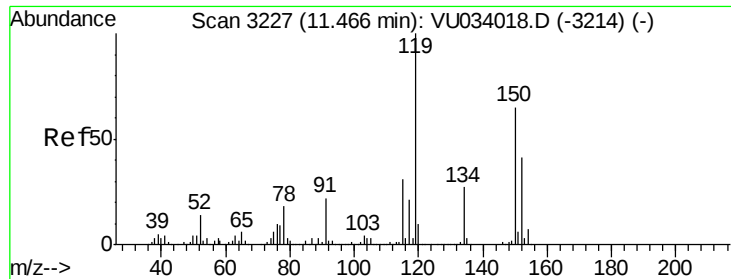


Abundance Ion 116.90 (116.60 to 117.60): VU034260.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034260.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034260.D (-2389) (-)



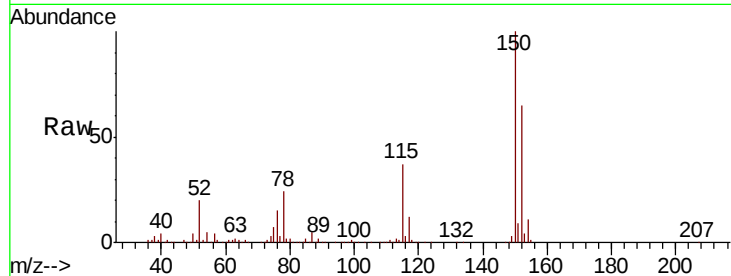


#72

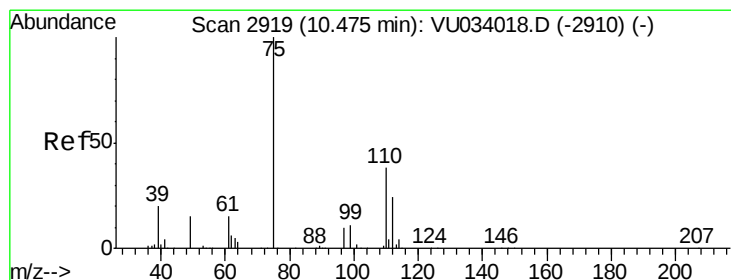
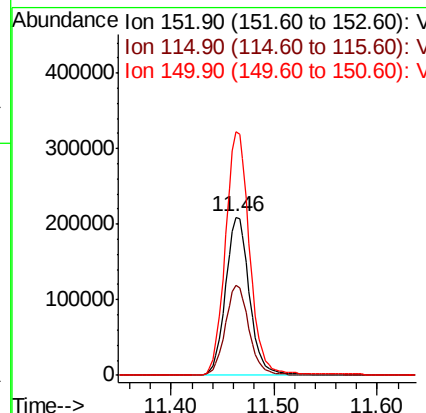
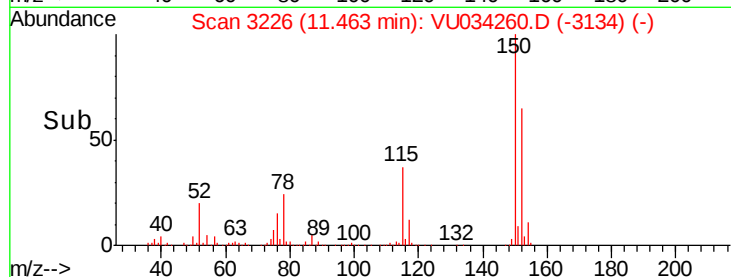
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Instrument :
MSVOA_U
ClientSampleId :
T7-S-G1-(0)

Tgt Ion:152 Resp: 339307
Ion Ratio Lower Upper
152 100
115 56.7 41.1 123.3
150 155.2 0.0 348.8



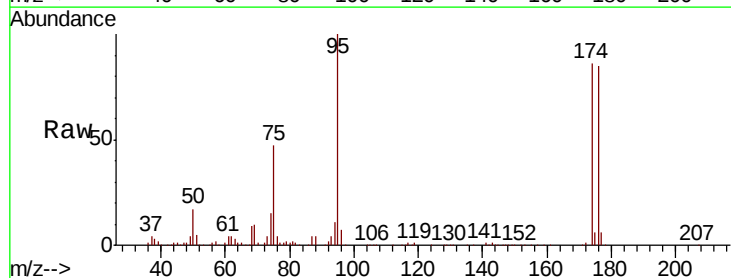
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



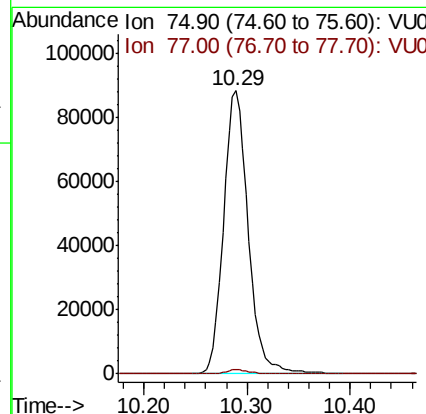
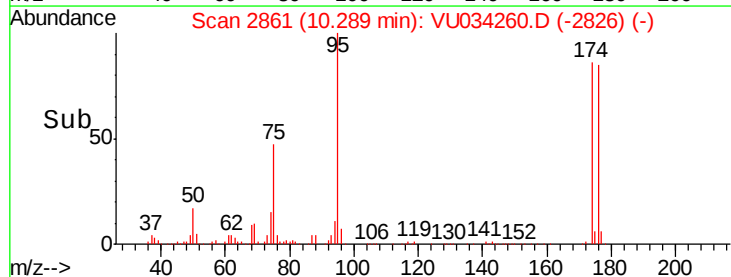
#76

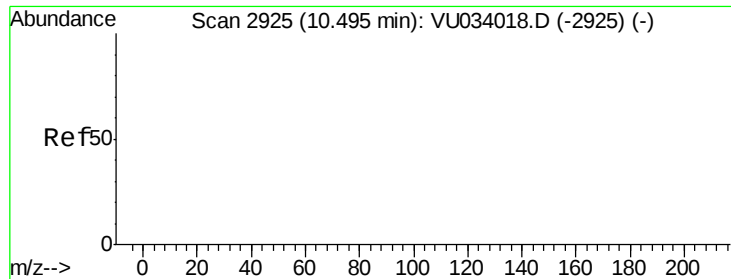
1,2,3-Trichloropropane
Concen: 19.179 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034260.D
Acq: 04 Sep 2019 16:07

Tgt Ion: 75 Resp: 146666
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: 64.579 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034260.D

Acq: 04 Sep 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

T7-S-G1-(0)

Tgt Ion: 75 Resp: 146666

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

89 0.0 0.0 0.0

