

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
 Data File : VU034268.D
 Acq On : 04 Sep 2019 19:14
 Operator : JC/SP
 Sample : K4547-40
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-1-(2.5)

Quant Time: Sep 05 03:41:28 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	409477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	660549	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	665374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	328684	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	258114	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.38%		
35) Dibromofluoromethane	4.86	113	217436	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.92%		
50) Toluene-d8	7.55	98	855962	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.80%		
62) 4-Bromofluorobenzene	10.29	95	297828	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.26%		

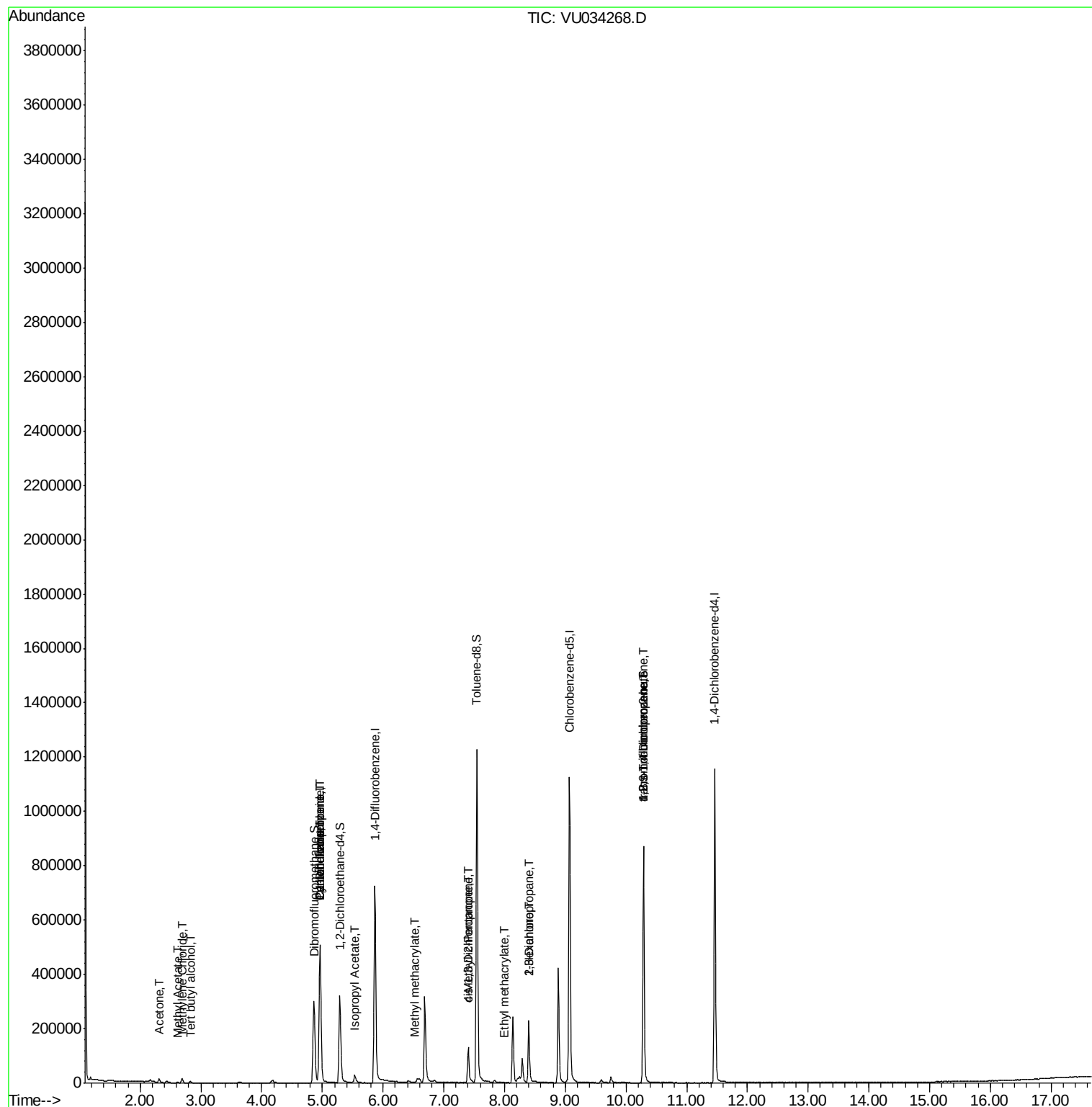
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	377	Below Cal		91
5) Bromomethane	1.63	94	750	Below Cal		88
11) Tert butyl alcohol	2.83	59	3411	2.819	ug/l #	73
16) Acetone	2.31	43	14609	5.457	ug/l	96
18) Methyl Acetate	2.62	43	2809	0.406	ug/l #	84
20) Methylene Chloride	2.69	84	7643	1.508	ug/l	93
31) Cyclohexane	4.96	56	7115	0.908	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	28619	4.581	ug/l #	47
38) Carbon Tetrachloride	4.96	117	36996	6.134	ug/l #	16
43) Isopropyl Acetate	5.53	43	35987	3.381	ug/l	100
48) Methyl methacrylate	6.53	41	3317	0.646	ug/l #	22
51) 4-Methyl-2-Pentanone	7.40	43	45430	6.180	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	24691	3.105	ug/l #	62
56) Ethyl methacrylate	7.99	69	70	0.980	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	2295	0.274	ug/l #	42
59) 2-Hexanone	8.40	43	31997	5.766	ug/l #	54
76) 1,2,3-Trichloropropane	10.29	75	140705	18.994	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	140705	63.957	ug/l #	100

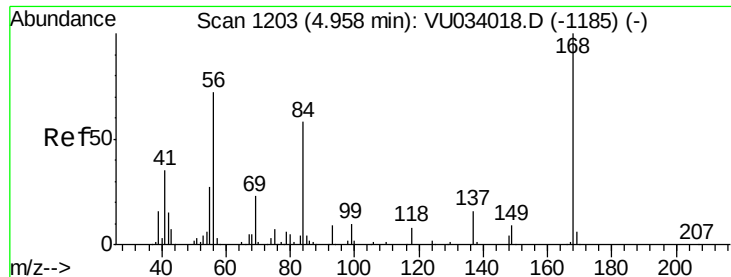
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090519\
Data File : VU034268.D
Acq On : 04 Sep 2019 19:14
Operator : JC/SP
Sample : K4547-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-1-(2.5)

Quant Time: Sep 05 03:41:28 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: VU034268.D

Acq: 04 Sep 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

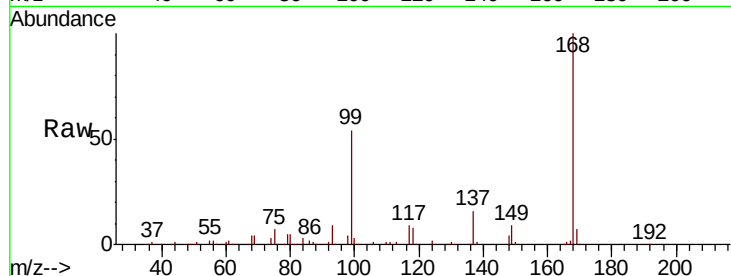
T11-1-(2.5)

Tgt Ion:168 Resp: 409477

Ion Ratio Lower Upper

168 100

99 53.7 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

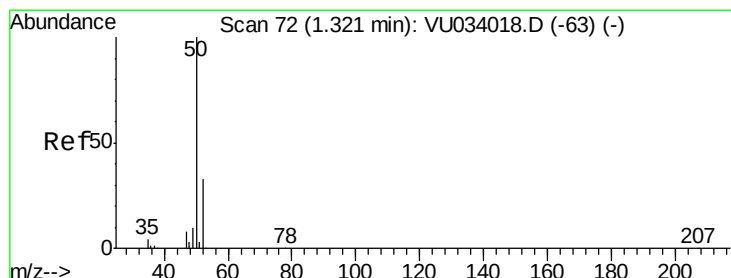
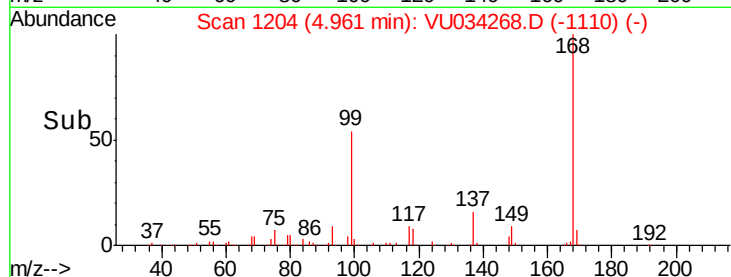
100000

50000

0

4.90 5.00

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034268.D

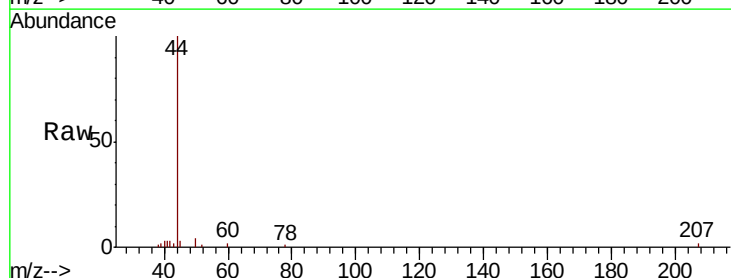
Acq: 04 Sep 2019 19:14

Tgt Ion: 50 Resp: 377

Ion Ratio Lower Upper

50 100

52 27.5 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

400

300

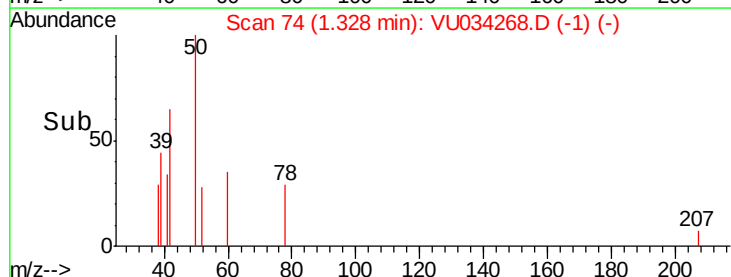
200

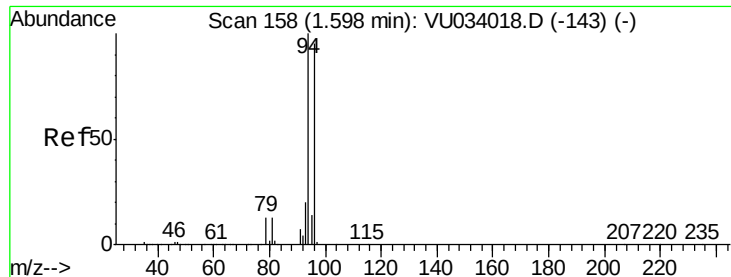
100

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

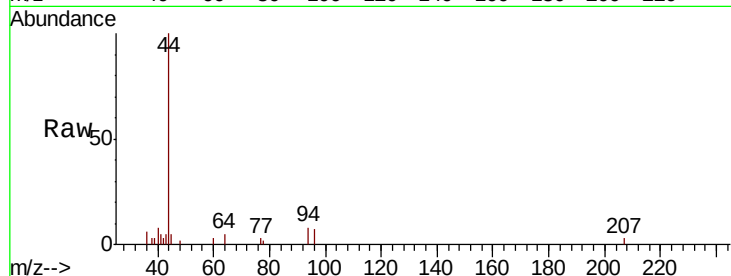
T11-1-(2.5)

Tgt Ion: 94 Resp: 750

Ion Ratio Lower Upper

94 100

96 83.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.63

400

300

200

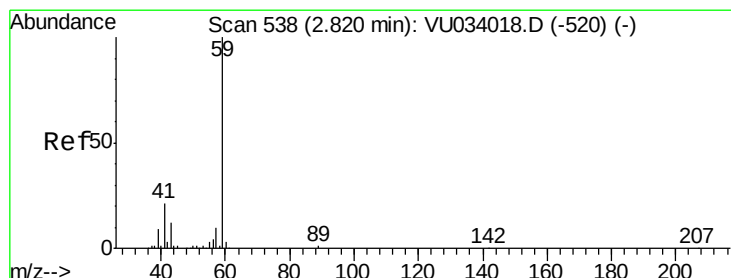
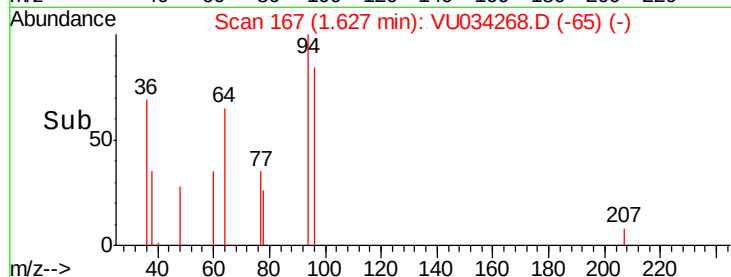
100

0

1.60

1.65

Time-->



#11

Tert butyl alcohol

Concen: 2.819 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034268.D

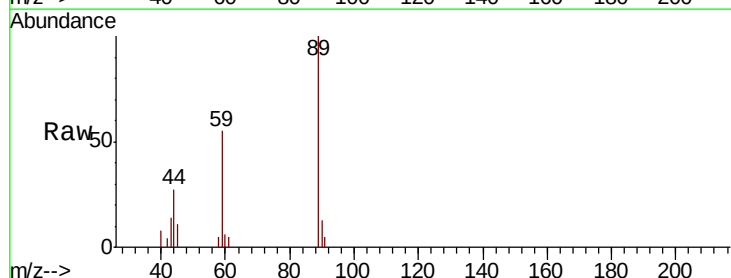
Acq: 04 Sep 2019 19:14

Tgt Ion: 59 Resp: 3411

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

1500

1000

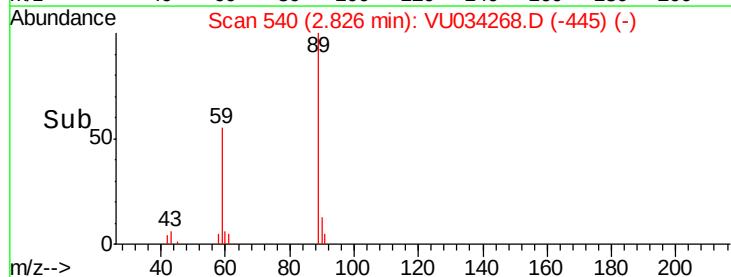
500

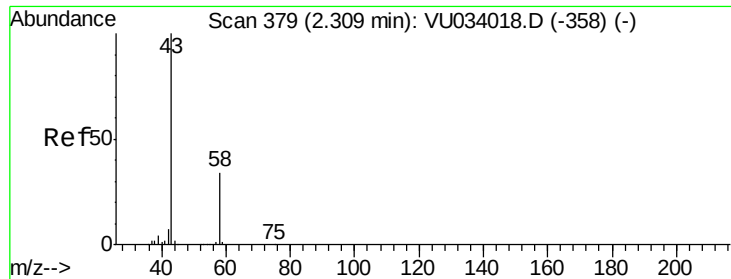
0

2.80

2.85

Time-->





#16

Acetone

Concen: 5.457 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

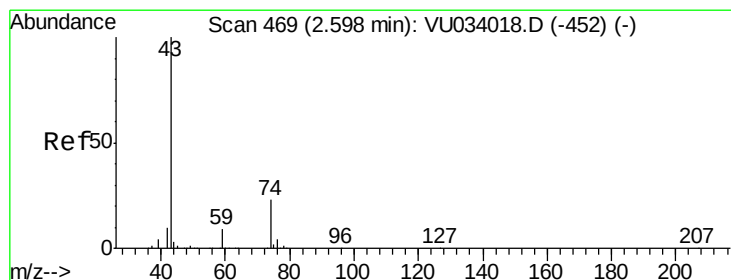
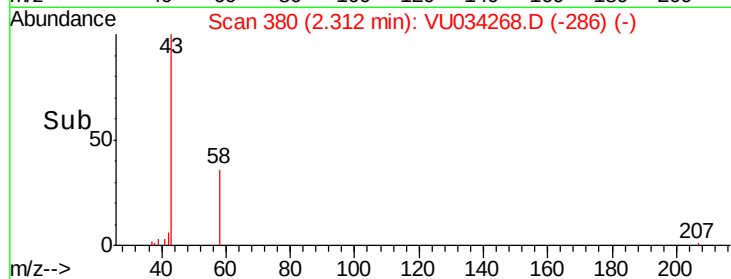
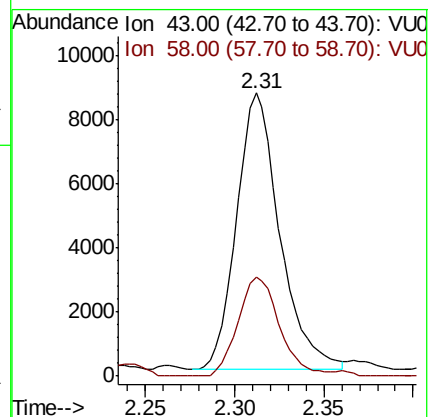
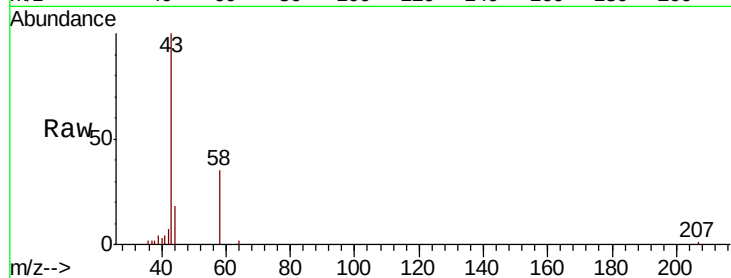
T11-1-(2.5)

Tgt Ion: 43 Resp: 14609

Ion Ratio Lower Upper

43 100

58 35.8 26.8 40.2



#18

Methyl Acetate

Concen: 0.406 ug/l

RT: 2.62 min Scan# 475

Delta R.T. 0.02 min

Lab File: VU034268.D

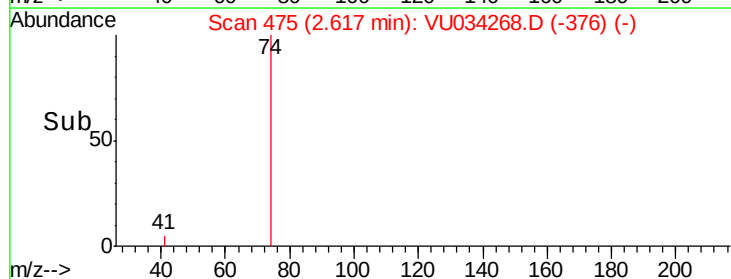
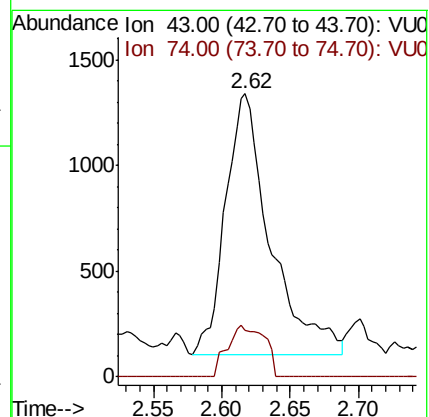
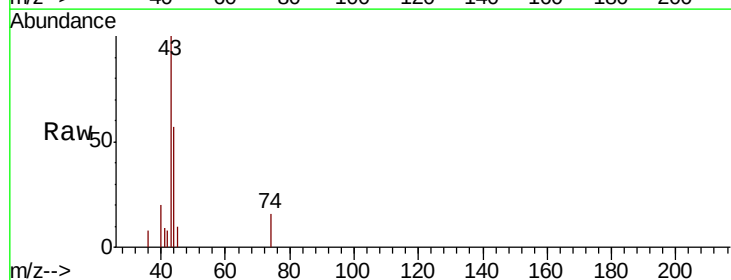
Acq: 04 Sep 2019 19:14

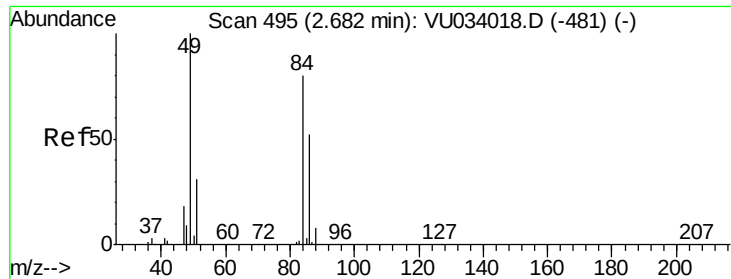
Tgt Ion: 43 Resp: 2809

Ion Ratio Lower Upper

43 100

74 16.3 19.2 28.8#

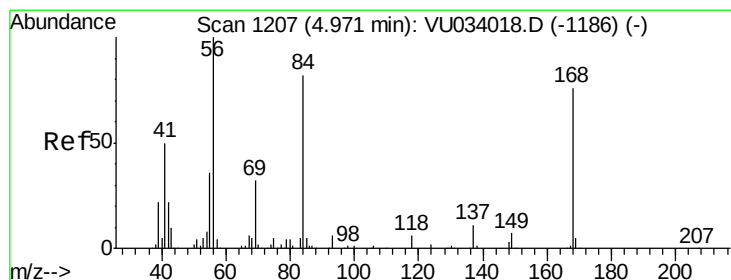
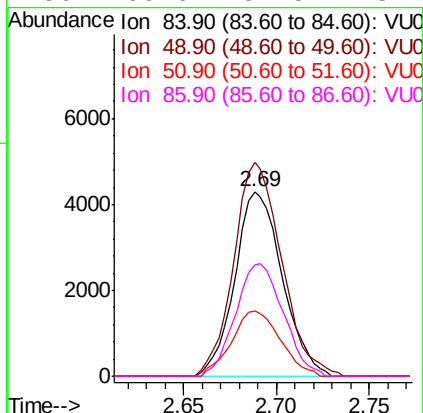
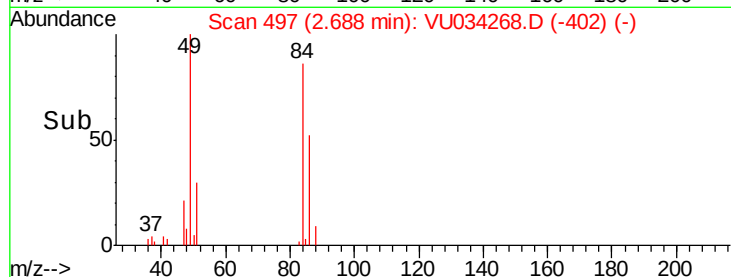
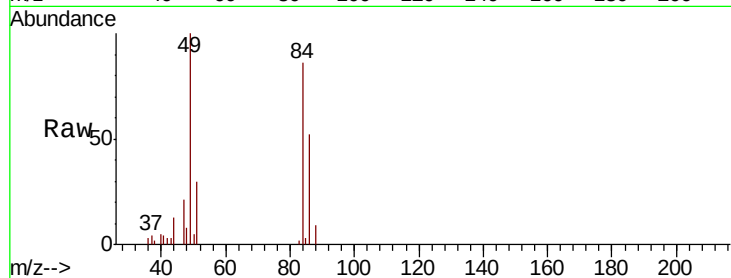




#20
Methylene Chloride
Concen: 1.508 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

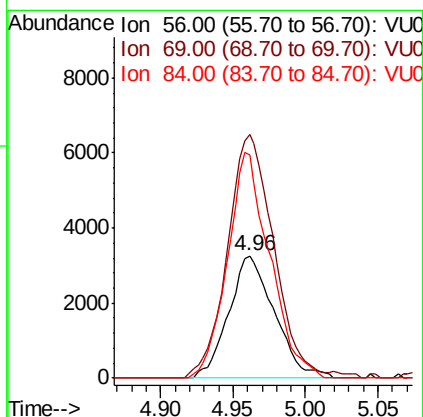
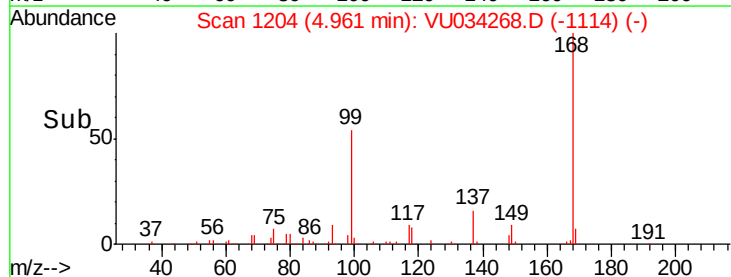
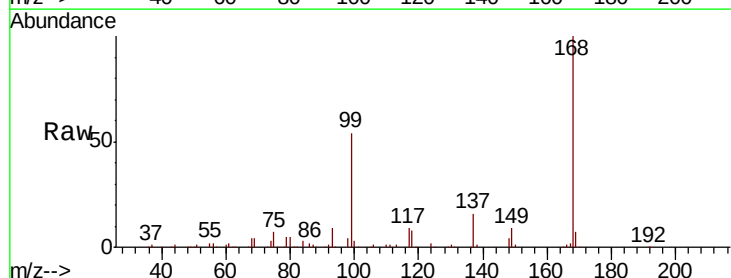
Instrument :
MSVOA_U
ClientSampleId :
T11-1-(2.5)

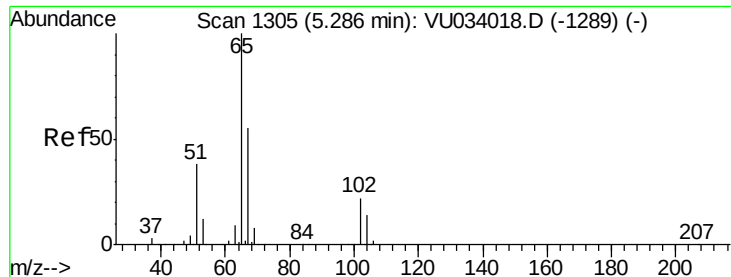
Tgt Ion:	84	Resp:	7643
Ion	Ratio	Lower	Upper
84	100		
49	115.7	100.2	150.4
51	35.1	30.8	46.2
86	60.6	52.5	78.7



#31
Cyclohexane
Concen: 0.908 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

Tgt Ion:	56	Resp:	7115
Ion	Ratio	Lower	Upper
56	100		
69	194.6	25.4	38.0#
84	181.7	65.8	98.8#

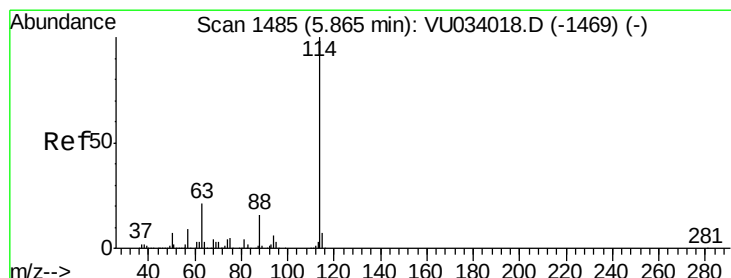
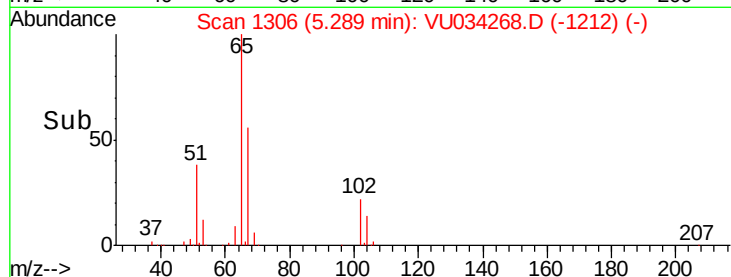
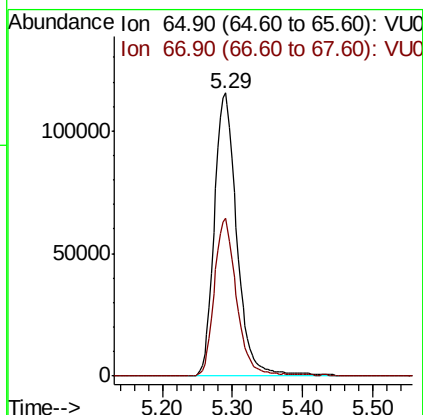
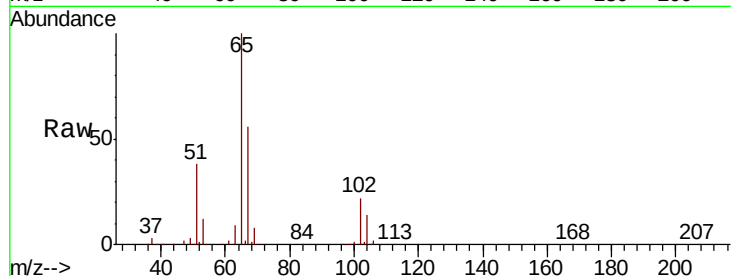




#33
 1,2-Dichloroethane-d4
 Concen: 49.195 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

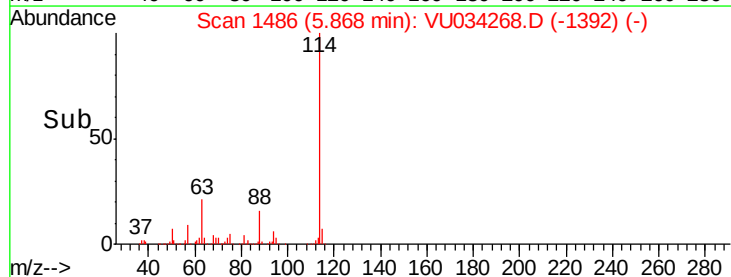
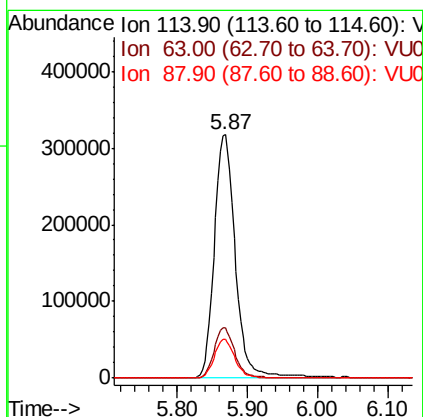
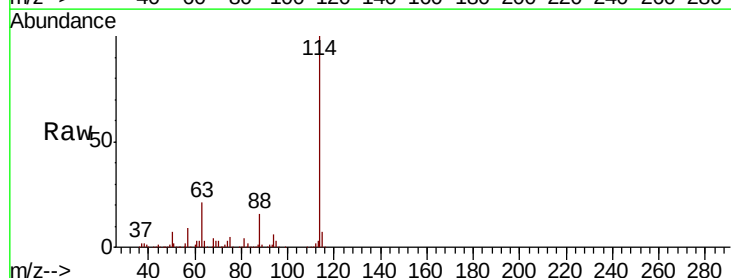
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-1-(2.5)

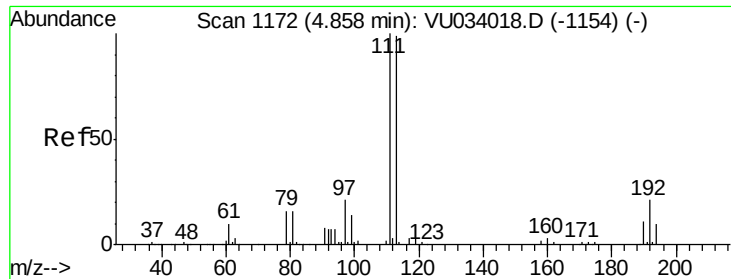
Tgt Ion: 65 Resp: 258114
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Tgt Ion: 114 Resp: 660549
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 16.0 0.0 32.0

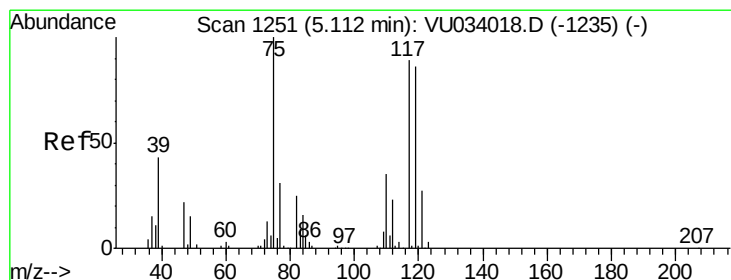
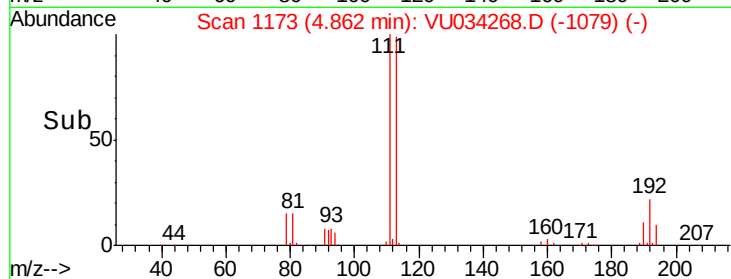
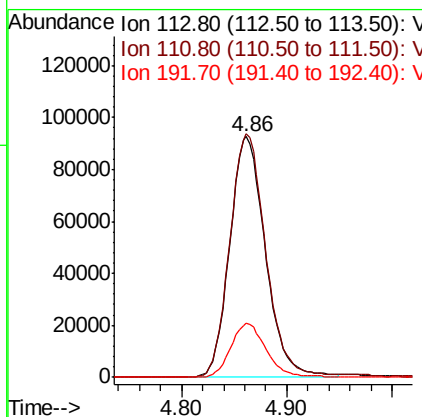
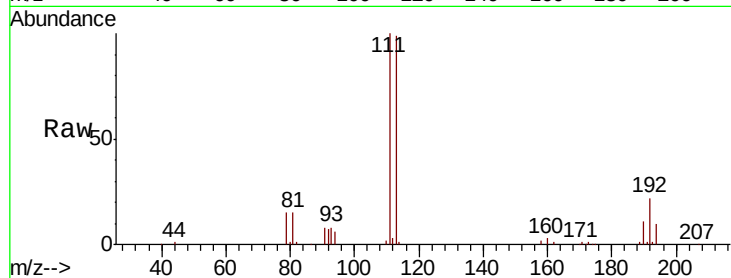




#35
 Dibromofluoromethane
 Concen: 47.459 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

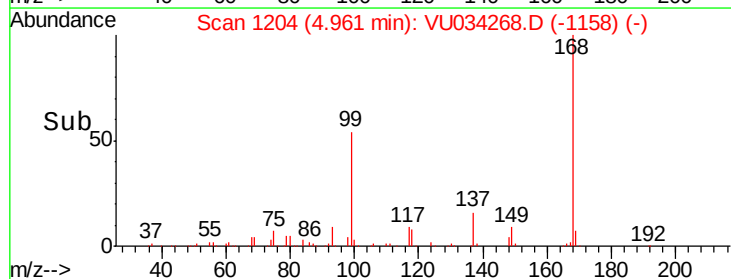
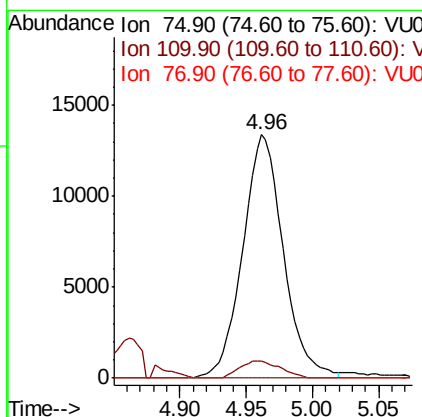
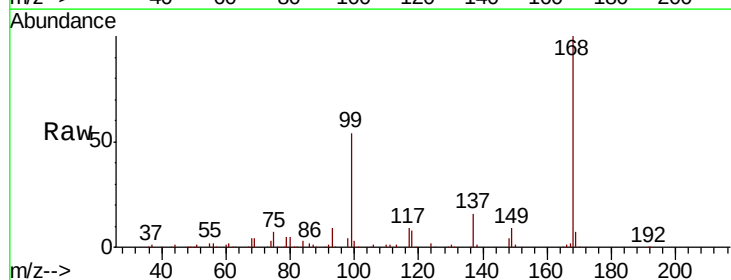
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-1-(2.5)

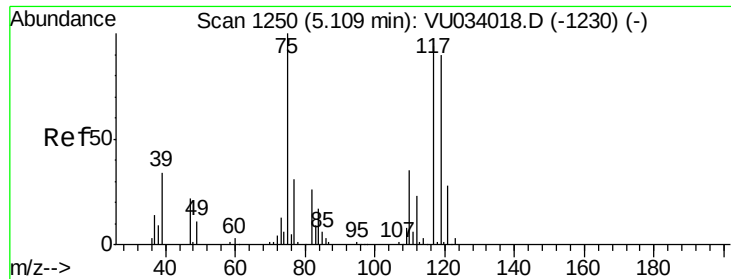
Tgt Ion: 113 Resp: 217436
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 22.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.581 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Tgt Ion: 75 Resp: 28619
 Ion Ratio Lower Upper
 75 100
 110 7.0 17.8 53.5#
 77 0.0 25.0 37.4#

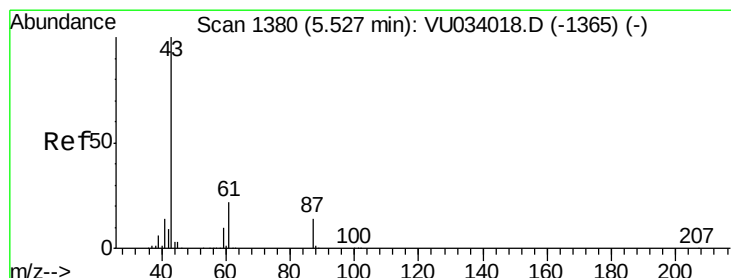
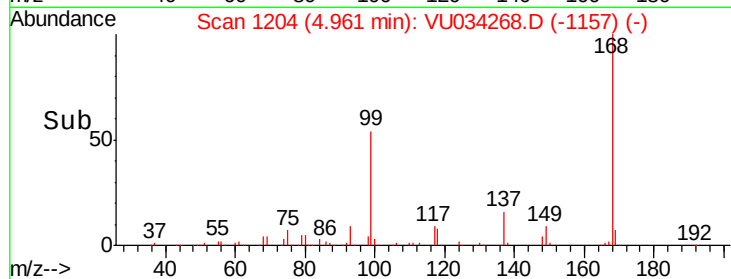
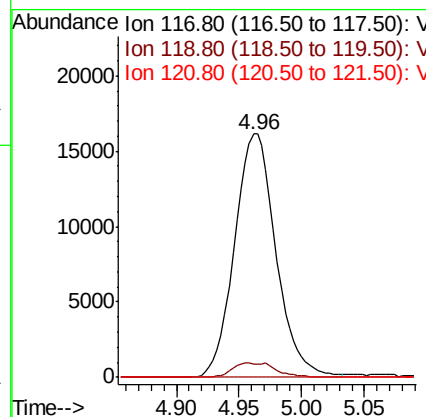
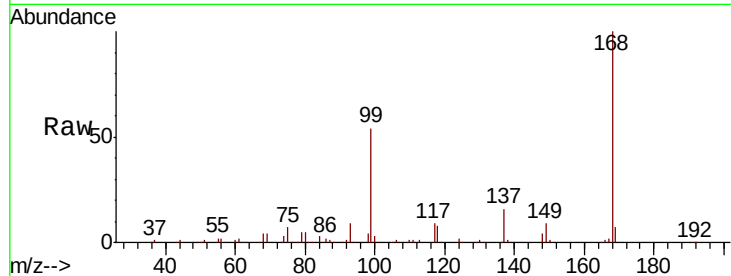




#38
 Carbon Tetrachloride
 Concen: 6.134 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

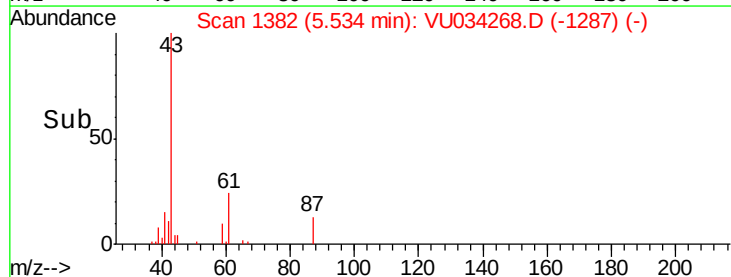
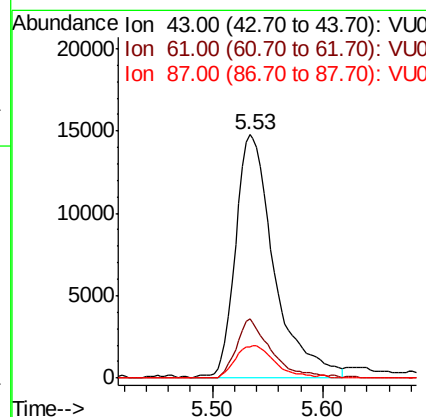
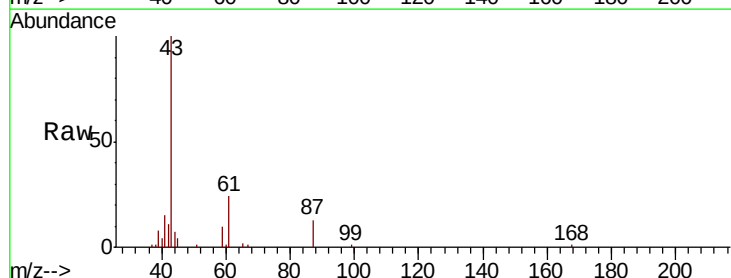
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-1-(2.5)

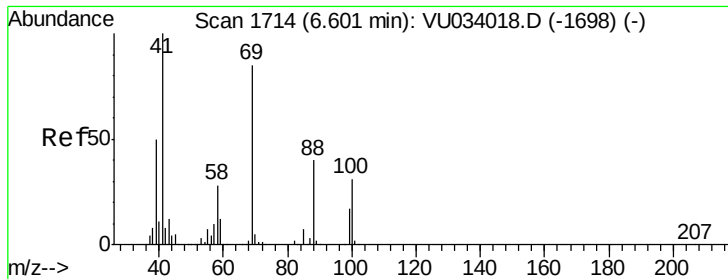
Tgt Ion: 117 Resp: 36996
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.0 115.4#
 121 0.0 23.9 35.9#



#43
 Isopropyl Acetate
 Concen: 3.381 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Tgt Ion: 43 Resp: 35987
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.2 25.8
 87 13.5 10.8 16.2

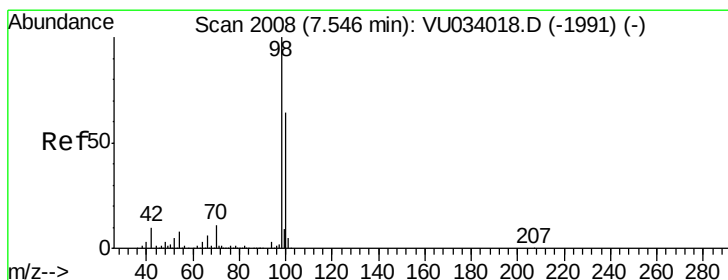
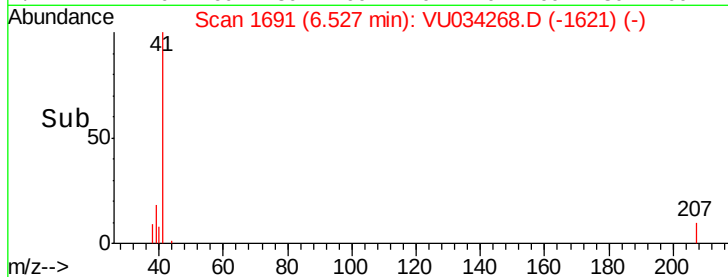
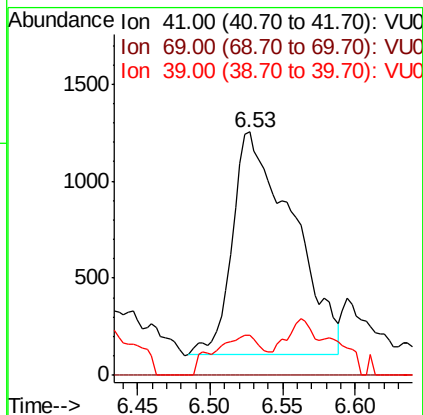
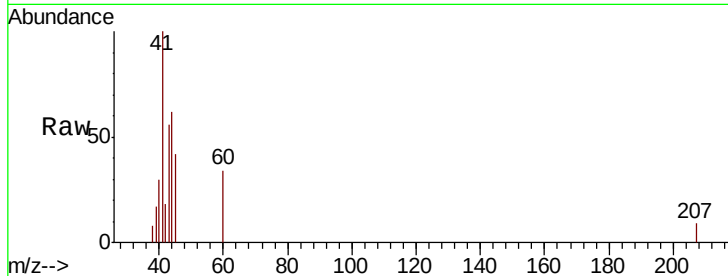




#48
Methyl methacrylate
Concen: 0.646 ug/l
RT: 6.53 min Scan# 1691
Delta R.T. -0.07 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

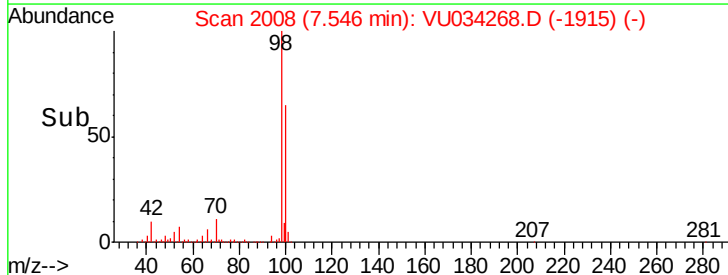
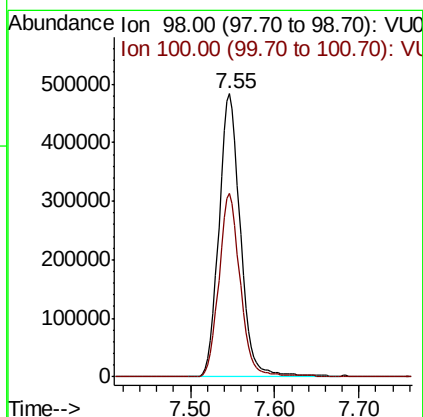
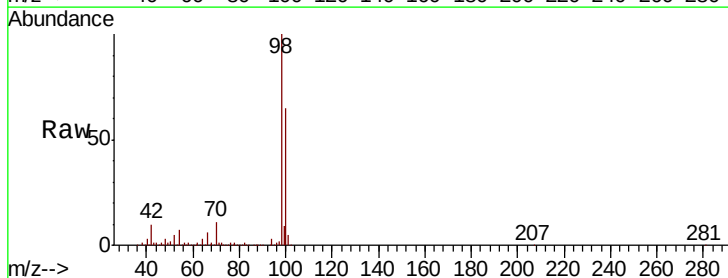
Instrument :
MSVOA_U
ClientSampleId :
T11-1-(2.5)

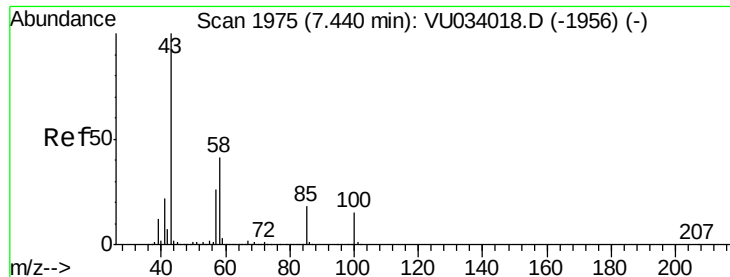
Tgt Ion: 41 Resp: 3317
Ion Ratio Lower Upper
41 100
69 0.0 69.5 104.3#
39 14.9 40.3 60.5#



#50
Toluene-d8
Concen: 49.896 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

Tgt Ion: 98 Resp: 855962
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 6.180 ug/l

RT: 7.40 min Scan# 1964

Delta R.T. -0.04 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

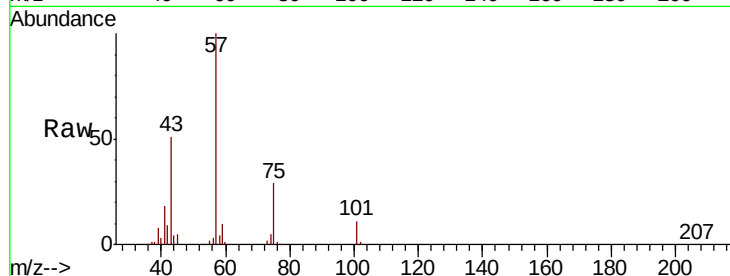
T11-1-(2.5)

Tgt Ion: 43 Resp: 45430

Ion Ratio Lower Upper

43 100

58 7.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1956) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1956) (-)

7.40

25000

20000

15000

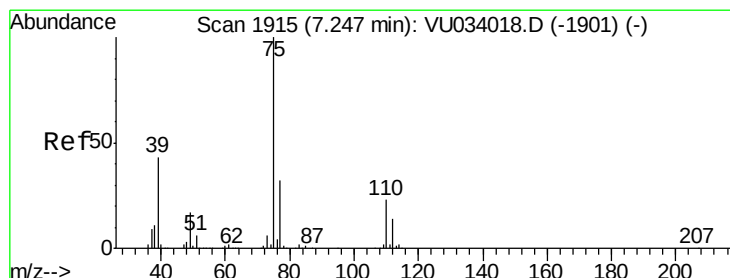
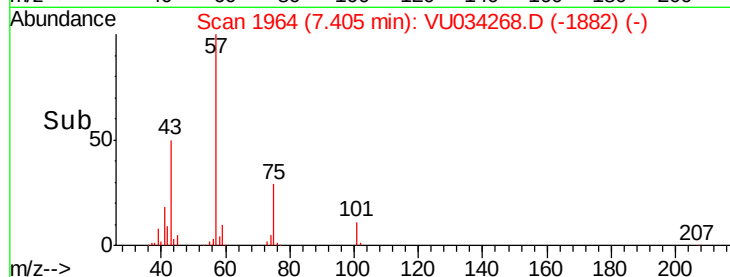
10000

5000

0

7.35 7.40 7.45

Time-->



#54

cis-1,3-Dichloropropene

Concen: 3.105 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

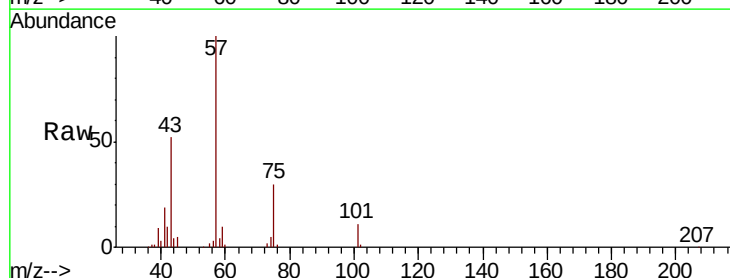
Tgt Ion: 75 Resp: 24691

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 28.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-1901) (-)

Ion 76.90 (76.60 to 77.60): VU034018.D (-1901) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1901) (-)

7.40

20000

15000

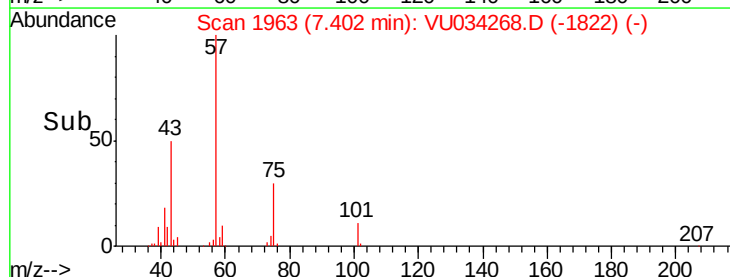
10000

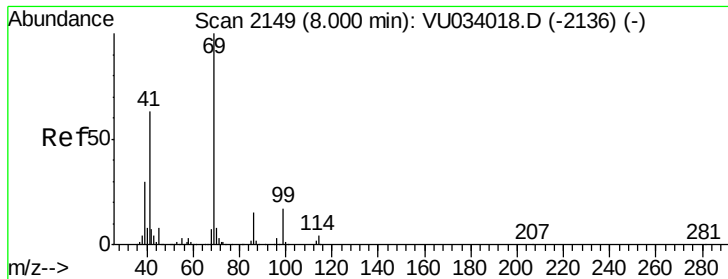
5000

0

7.35 7.40 7.45

Time-->





#56

Ethyl methacrylate

Concen: 0.980 ug/l

RT: 7.99 min Scan# 2146

Delta R.T. -0.01 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

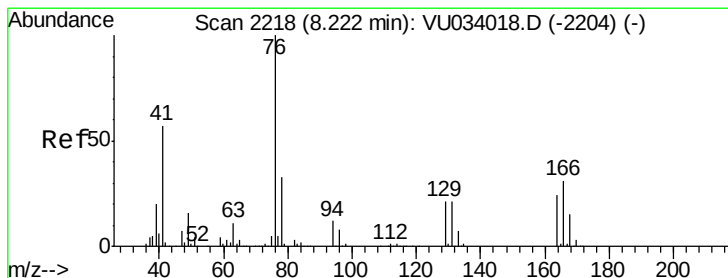
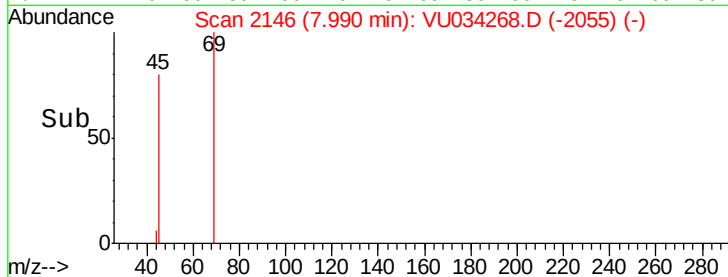
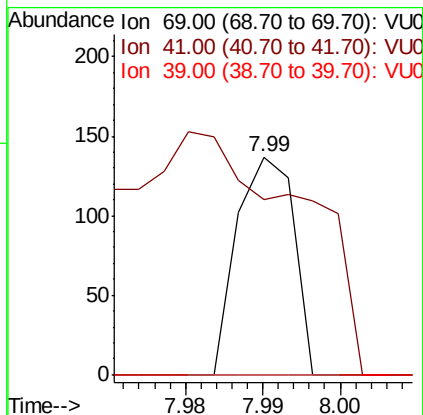
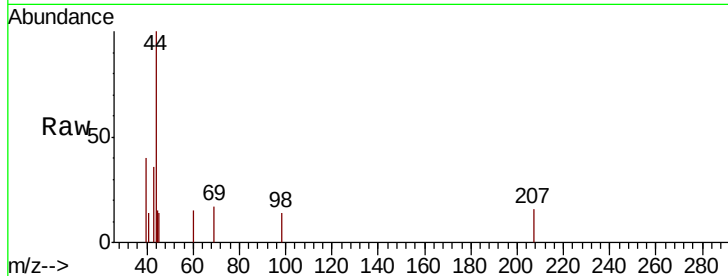
Instrument :

MSVOA_U

ClientSampleId :

T11-1-(2.5)

Tgt Ion:	69	Resp:	70
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: 0.274 ug/l

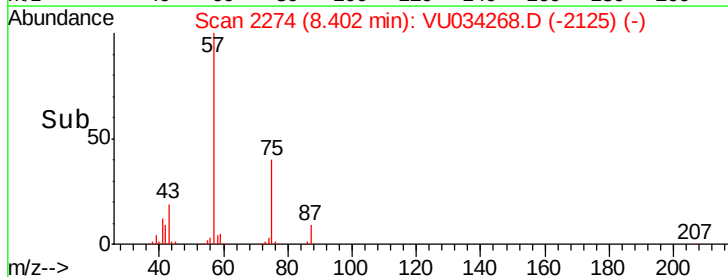
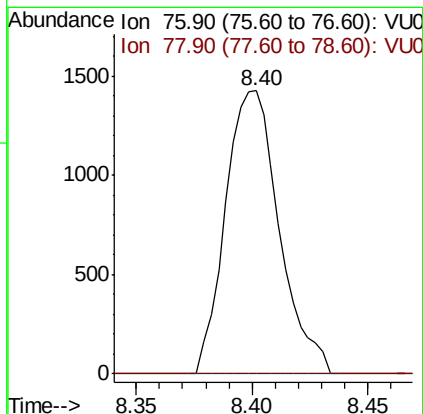
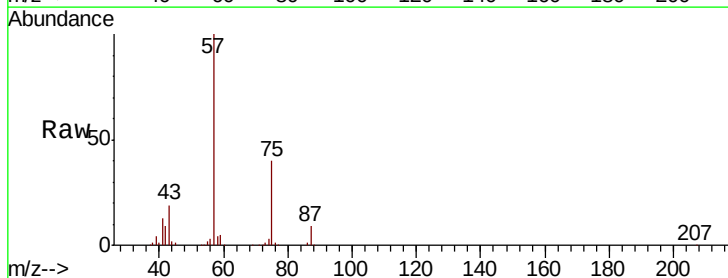
RT: 8.40 min Scan# 2274

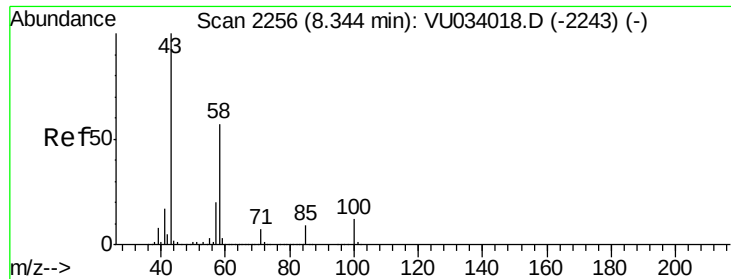
Delta R.T. 0.18 min

Lab File: VU034268.D

Acq: 04 Sep 2019 19:14

Tgt Ion:	76	Resp:	2295
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

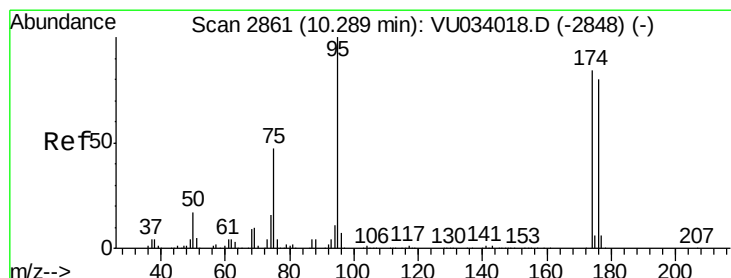
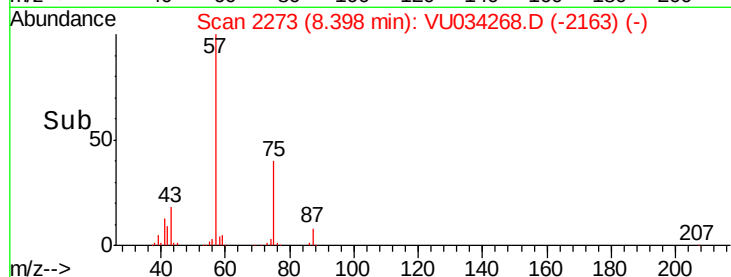
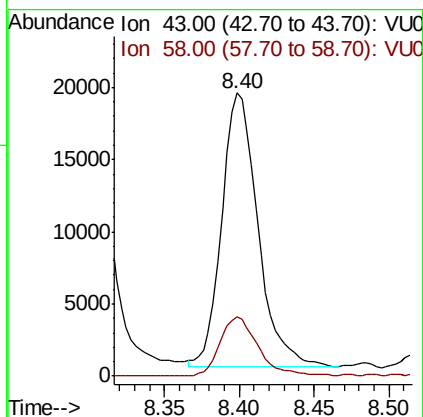
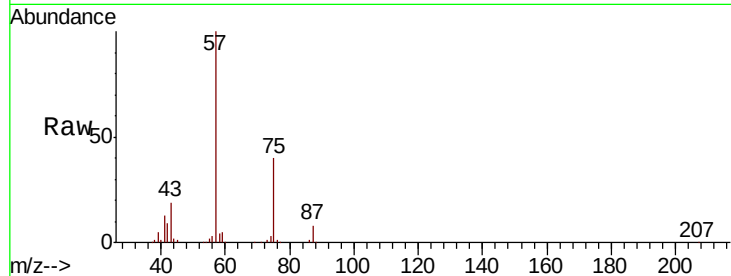




#59
 2-Hexanone
 Concen: 5.766 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.05 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

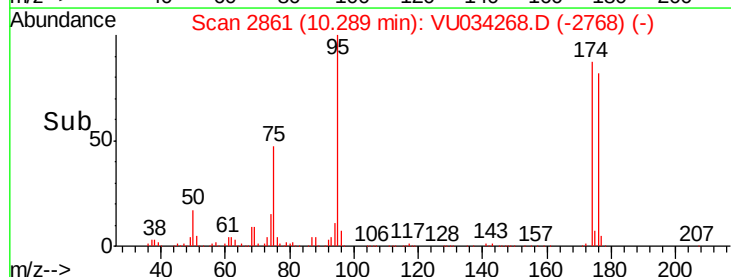
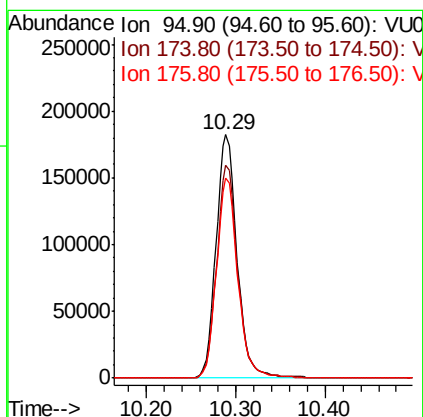
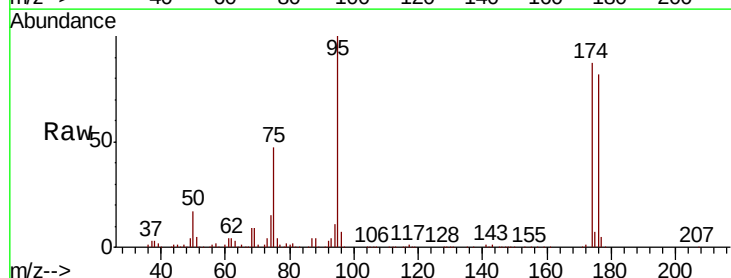
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-1-(2.5)

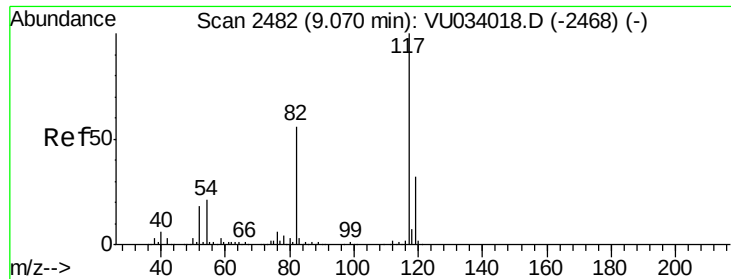
Tgt Ion: 43 Resp: 31997
 Ion Ratio Lower Upper
 43 100
 58 22.9 28.4 85.3#



#62
 4-Bromofluorobenzene
 Concen: 44.631 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Tgt Ion: 95 Resp: 297828
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 168.8
 176 83.4 0.0 161.8

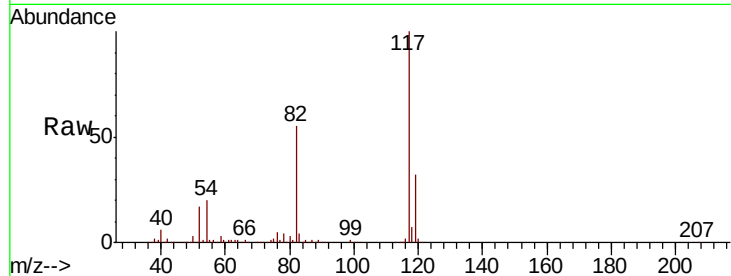




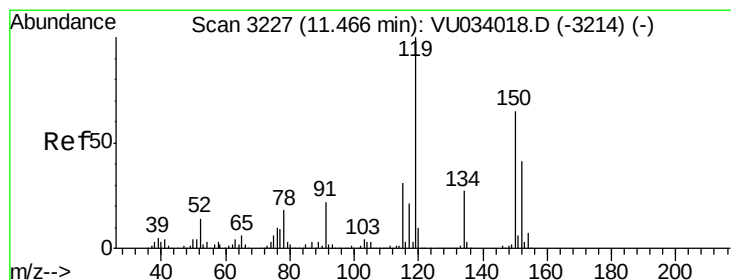
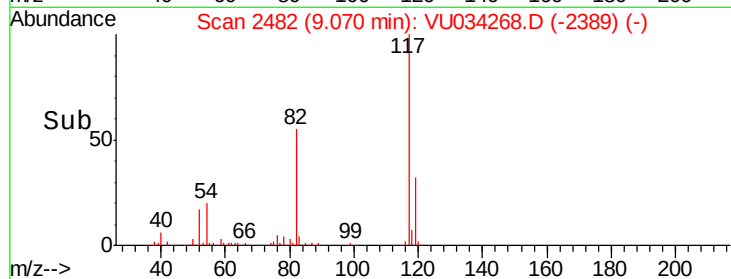
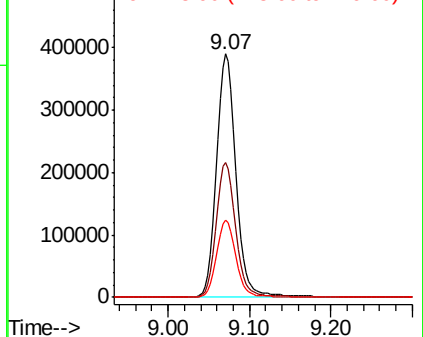
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

Instrument :
MSVOA_U
ClientSampleId :
T11-1-(2.5)

Tgt Ion:117 Resp: 665374
Ion Ratio Lower Upper
117 100
82 55.5 45.1 67.7
119 31.9 25.4 38.0

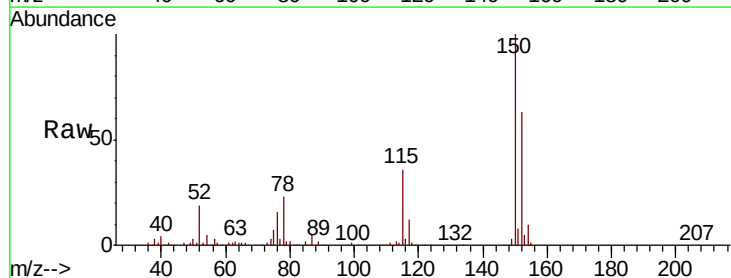


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

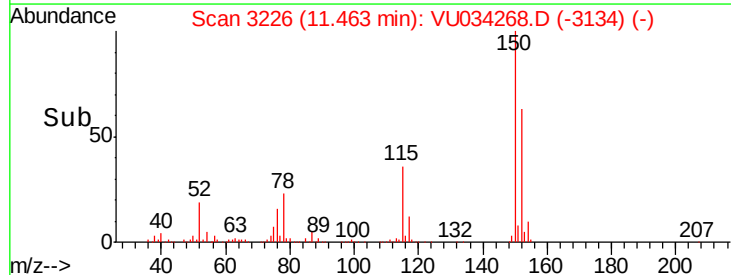
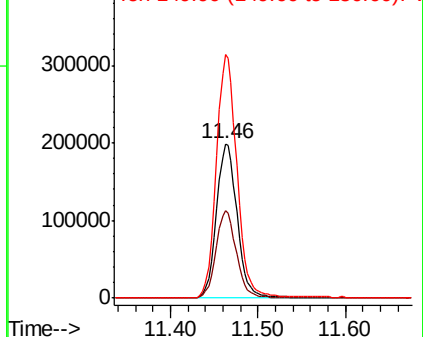


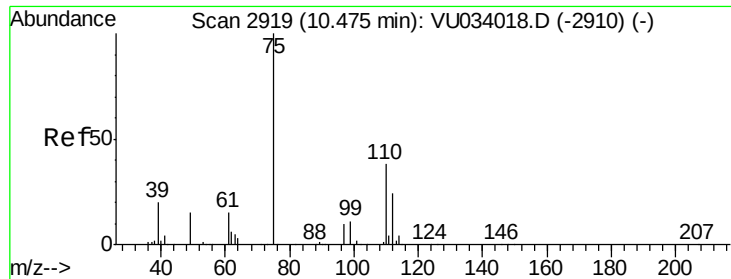
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034268.D
Acq: 04 Sep 2019 19:14

Tgt Ion:152 Resp: 328684
Ion Ratio Lower Upper
152 100
115 56.0 41.1 123.3
150 156.9 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

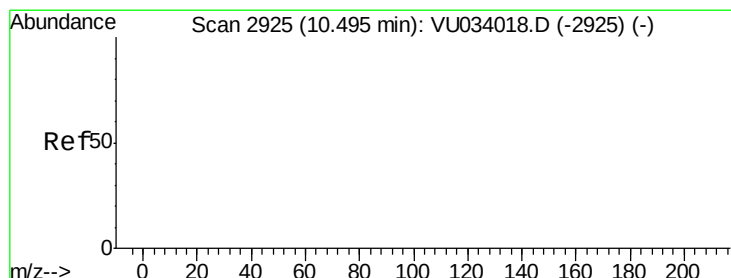
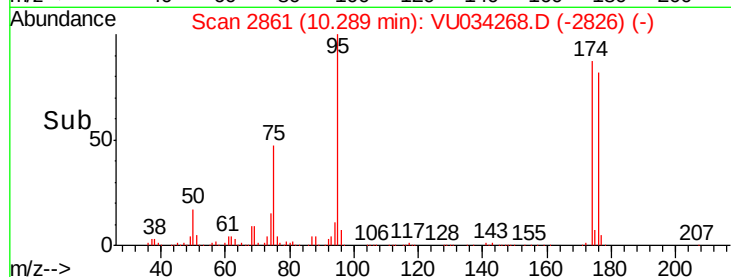
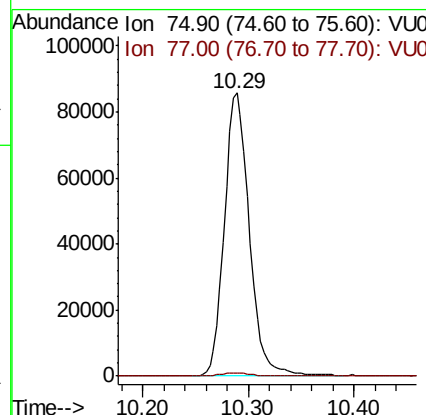
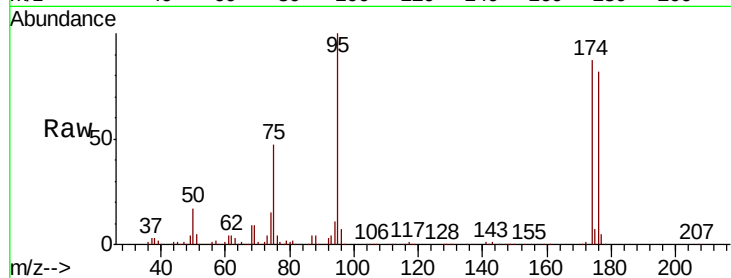




#76
 1,2,3-Trichloropropane
 Concen: 18.994 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.19 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Instrument :
 MSVOA_U
 ClientSampleID :
 T11-1-(2.5)

Tgt Ion: 75 Resp: 140705
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.1 60.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.957 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.21 min
 Lab File: VU034268.D
 Acq: 04 Sep 2019 19:14

Tgt Ion: 75 Resp: 140705
 Ion Ratio Lower Upper
 75 100
 53 0.2 0.0 0.0#
 89 0.0 0.0 0.0#

