

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034447.D
 Acq On : 10 Sep 2019 13:38
 Operator : JC/SP
 Sample : K4602-32
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(3.11)

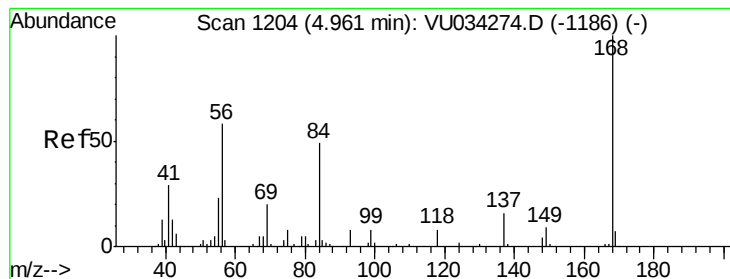
Quant Time: Sep 11 05:54:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	196613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	320776	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	332901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	170952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	210445	70.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.48%	
35) Dibromofluoromethane	4.86	113	174897	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
50) Toluene-d8	7.55	98	560841	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	10.29	95	192086	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	427	Below Cal	#	76
6) Chloroethane	1.66	64	216	Below Cal	#	43
10) Methyl Iodide	2.40	142	399	4.023	ug/l #	49
11) Tert butyl alcohol	2.83	59	5341	8.498	ug/l #	73
16) Acetone	2.32	43	11919	7.742	ug/l	95
18) Methyl Acetate	2.61	43	3231	0.863	ug/l	92
20) Methylene Chloride	2.69	84	5030	1.608	ug/l	98
31) Cyclohexane	4.96	56	3083	0.885	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	13344	3.836	ug/l #	48
38) Carbon Tetrachloride	4.96	117	17938	4.829	ug/l #	17
43) Isopropyl Acetate	5.53	43	58549	9.125	ug/l	99
45) 1,2-Dichloropropane	6.68	63	1384	0.422	ug/l #	44
48) Methyl methacrylate	6.68	41	102723	33.707	ug/l #	37
49) 1,4-Dioxane	6.68	88	24	0.361	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	51519	11.600	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	27932	5.790	ug/l #	65
56) Ethyl methacrylate	7.94	69	109	3.098	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	4573	0.878	ug/l #	43
59) 2-Hexanone	8.40	43	63337	19.089	ug/l #	54
74) N-amyl acetate	9.92	43	1509	0.337	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	90170	24.164	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	90170	81.262	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.53	180	43	3.462	ug/l #	12
95) Naphthalene	13.77	128	390	3.997	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.99	180	112	2.666	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

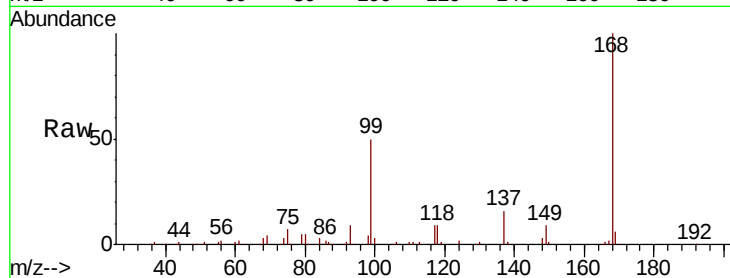
PAR-C4-(3.11)

Tgt Ion:168 Resp: 196613

Ion Ratio Lower Upper

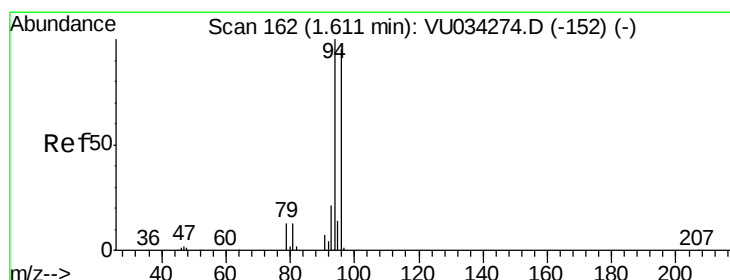
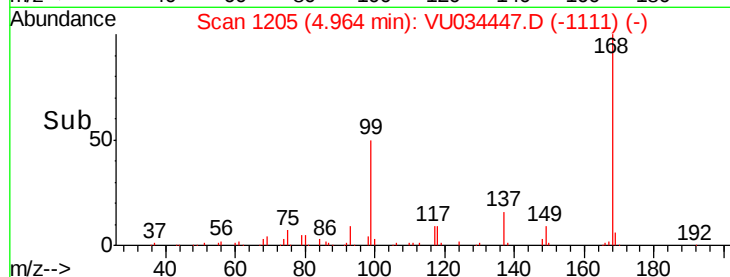
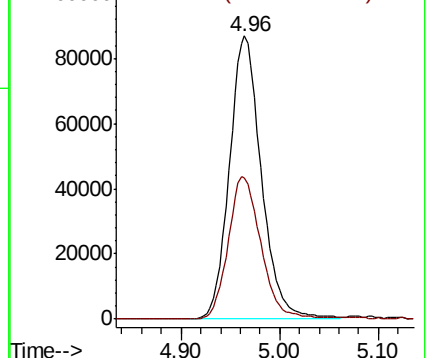
168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034447.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034447.D (-1186) (-)



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 169

Delta R.T. 0.02 min

Lab File: VU034447.D

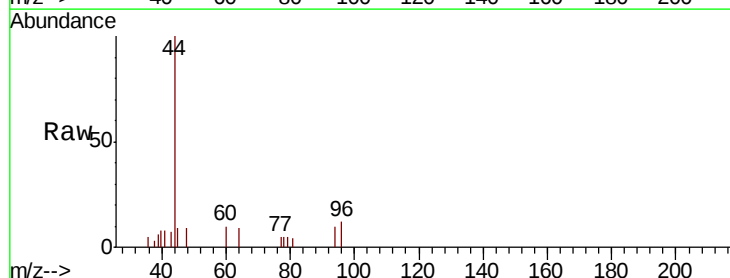
Acq: 10 Sep 2019 13:38

Tgt Ion: 94 Resp: 427

Ion Ratio Lower Upper

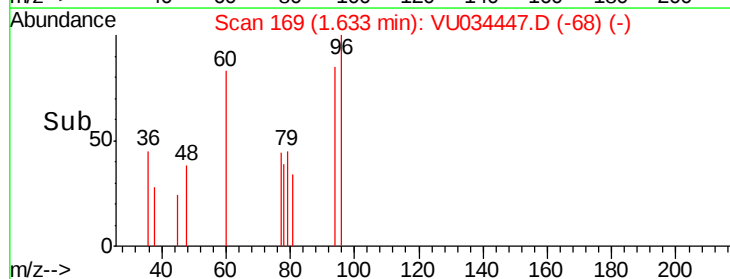
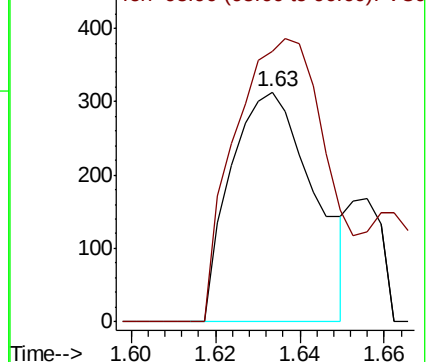
94 100

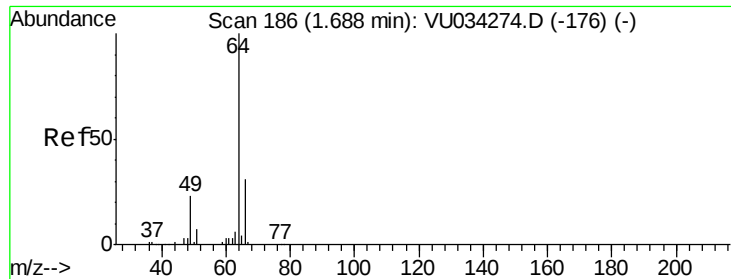
96 117.9 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034447.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034447.D (-68) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 177

Delta R.T. -0.03 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

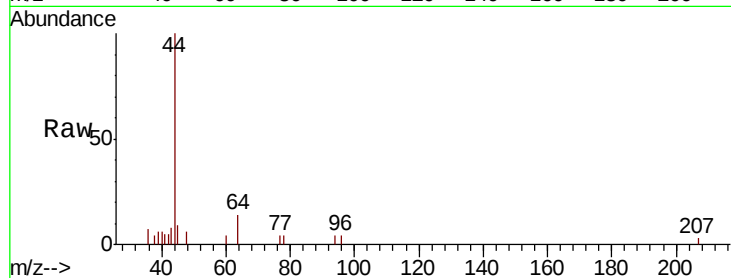
PAR-C4-(3.11)

Tgt Ion: 64 Resp: 216

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU034447.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034447.D (-176) (-)

1.66

400

300

200

100

0

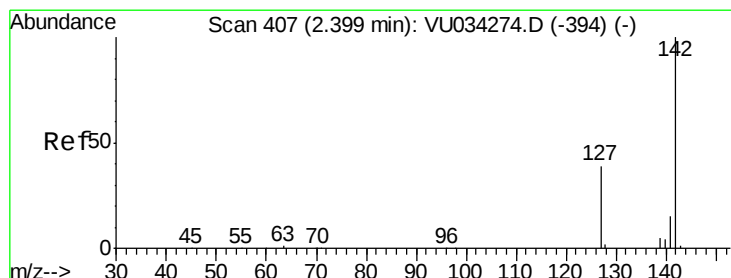
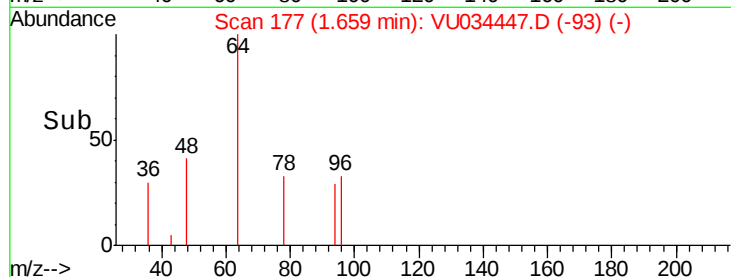
1.62

1.64

1.66

1.68

Time-->



#10

Methyl Iodide

Concen: 4.023 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

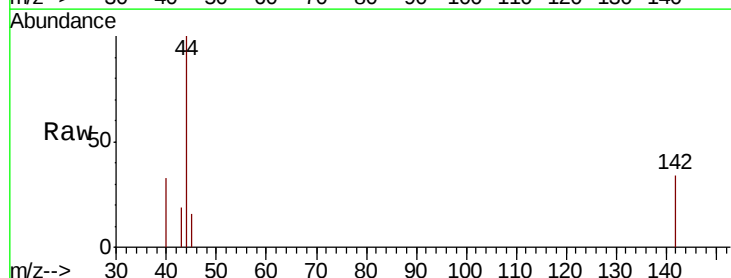
Tgt Ion: 142 Resp: 399

Ion Ratio Lower Upper

142 100

127 5.0 32.1 48.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VU034447.D (-394) (-)

Ion 126.80 (126.50 to 127.50): VU034447.D (-394) (-)

Ion 140.80 (140.50 to 141.50): VU034447.D (-394) (-)

2.40

300

200

100

0

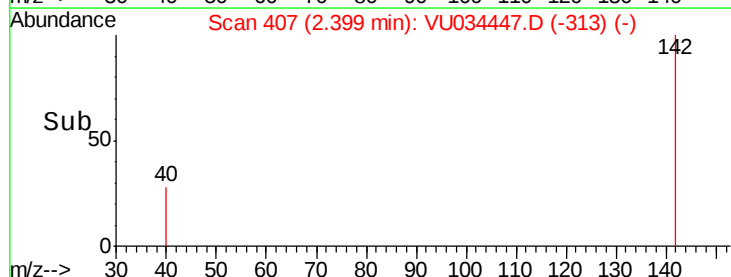
2.38

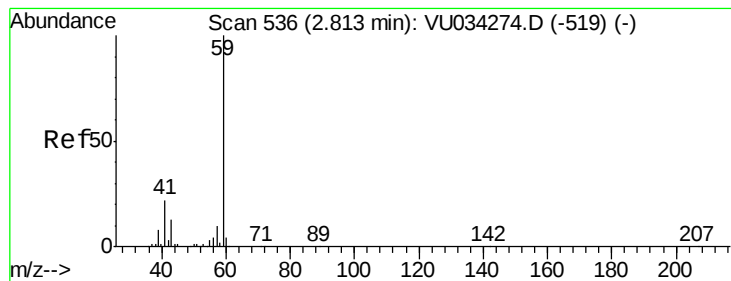
2.40

2.42

2.44

Time-->





#11

Tert butyl alcohol

Concen: 8.498 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

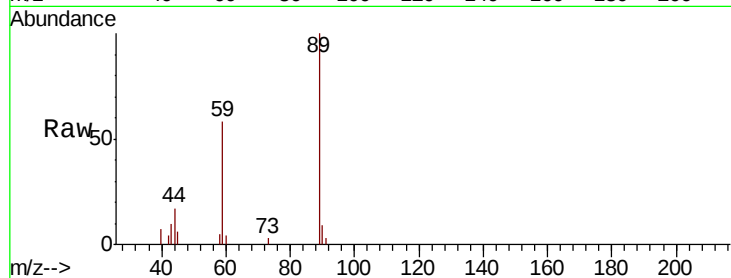
PAR-C4-(3.11)

Tgt Ion: 59 Resp: 5341

Ion Ratio Lower Upper

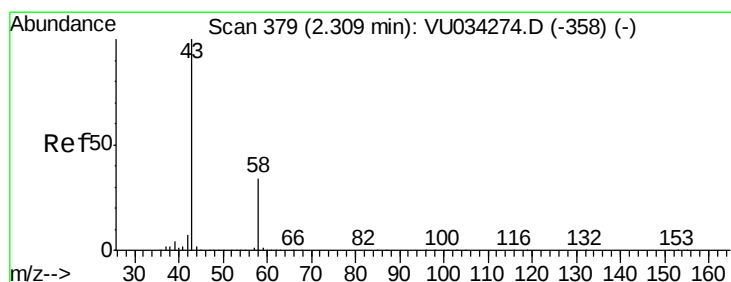
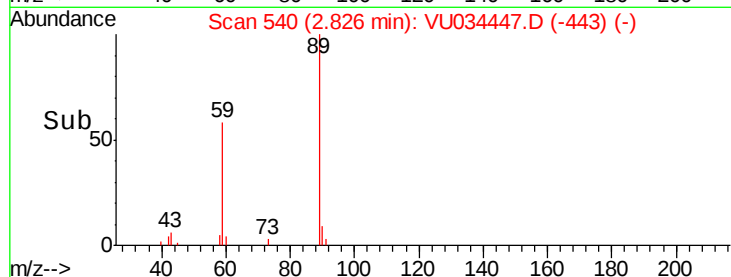
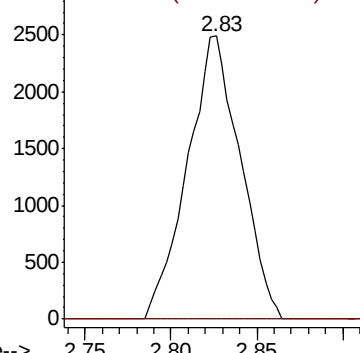
59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#16

Acetone

Concen: 7.742 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034447.D

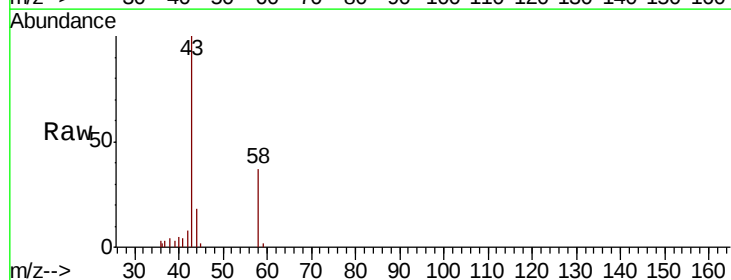
Acq: 10 Sep 2019 13:38

Tgt Ion: 43 Resp: 11919

Ion Ratio Lower Upper

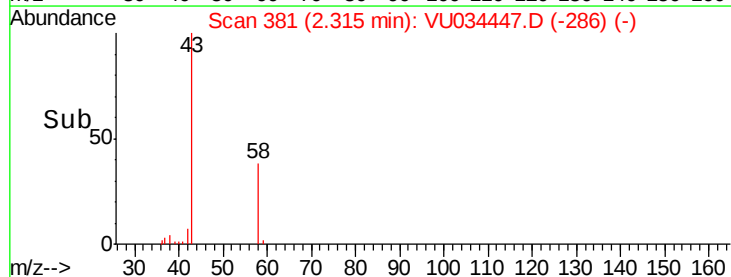
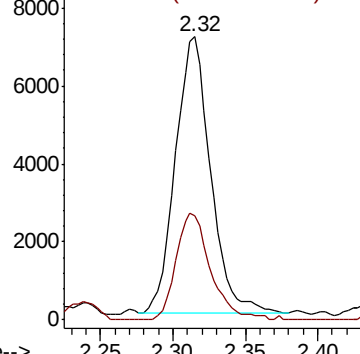
43 100

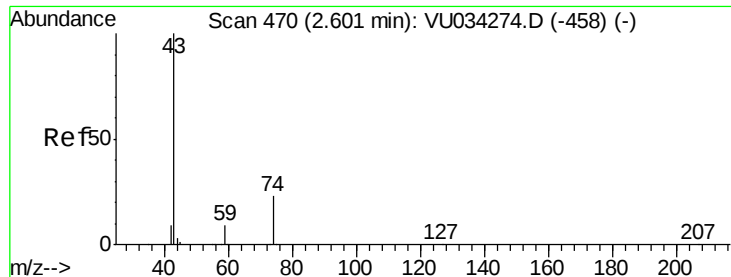
58 37.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#18

Methyl Acetate

Concen: 0.863 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

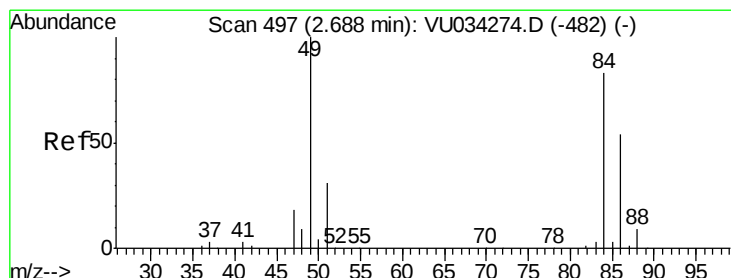
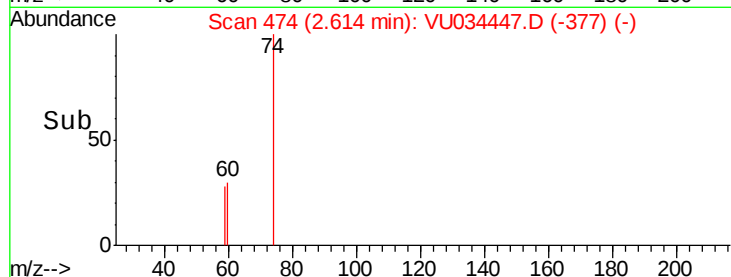
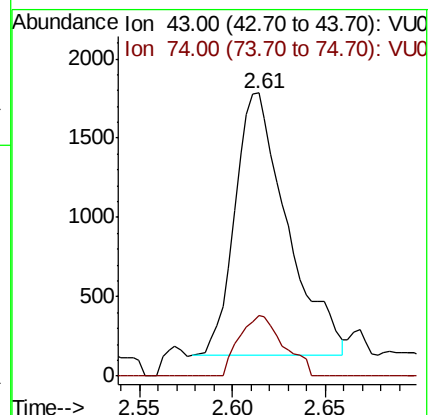
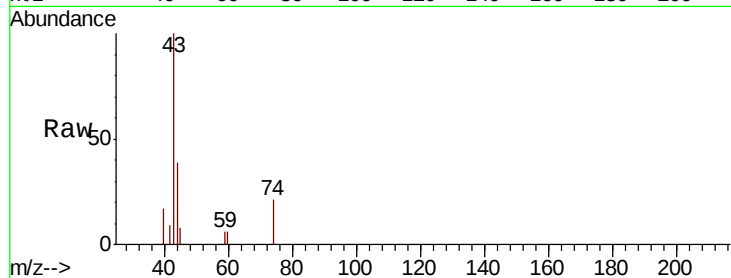
PAR-C4-(3.11)

Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

43 100

74 19.7 18.9 28.3



#20

Methylene Chloride

Concen: 1.608 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Tgt Ion: 84 Resp: 5030

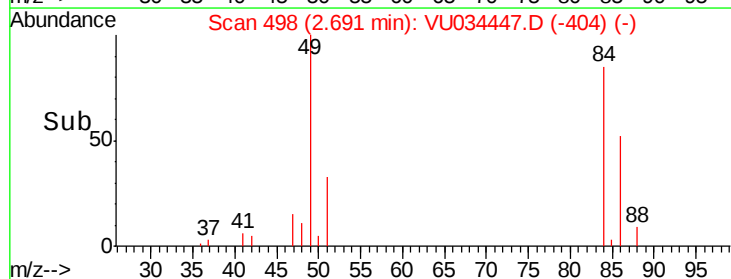
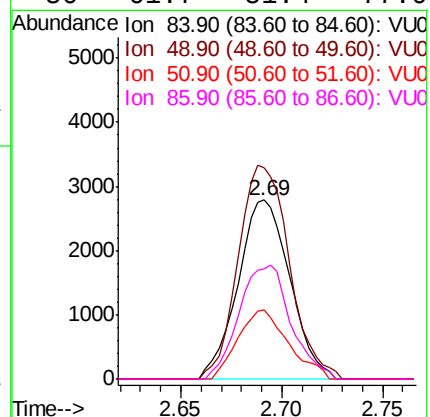
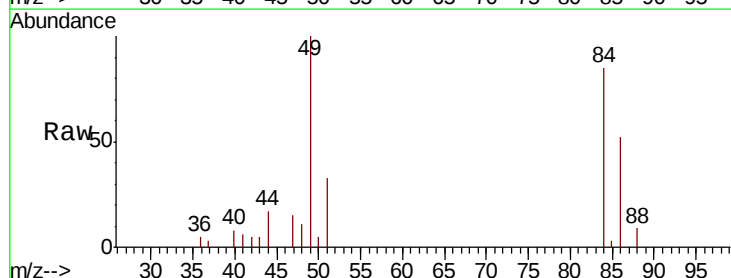
Ion Ratio Lower Upper

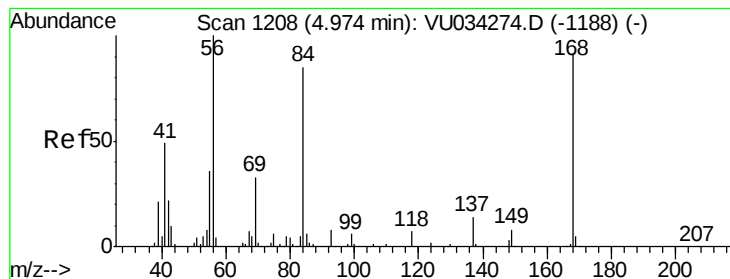
84 100

49 117.7 96.0 144.0

51 38.8 30.0 45.0

86 61.7 51.4 77.0





#31

Cyclohexane

Concen: 0.885 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

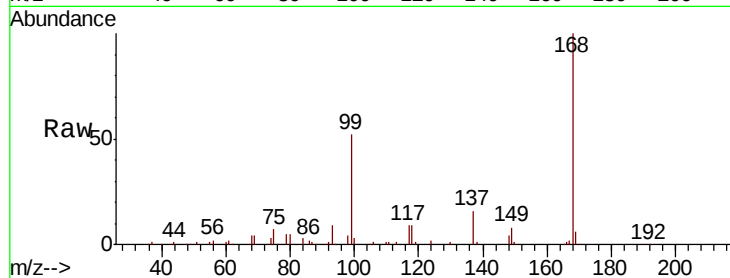
Tgt Ion: 56 Resp: 3083

Ion Ratio Lower Upper

56 100

69 201.4 26.7 40.1#

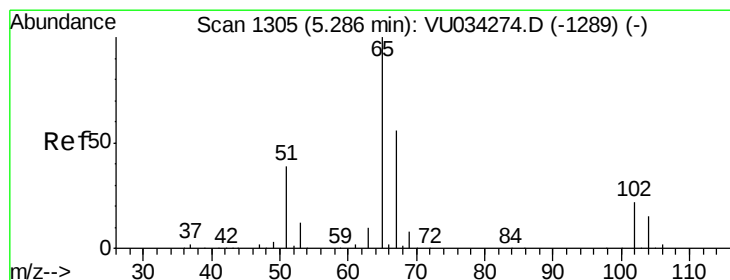
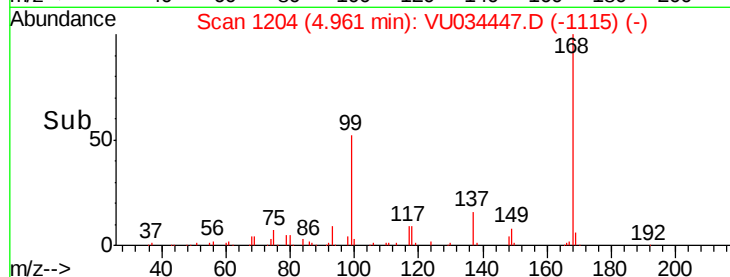
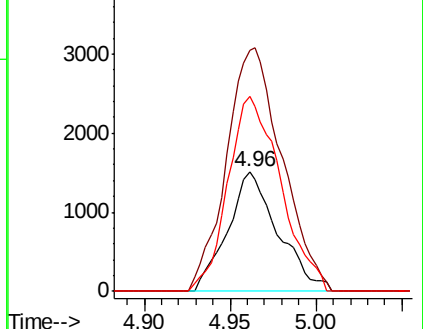
84 163.4 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034447.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034447.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034447.D (-1188) (-)



#33

1,2-Dichloroethane-d4

Concen: 70.742 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034447.D

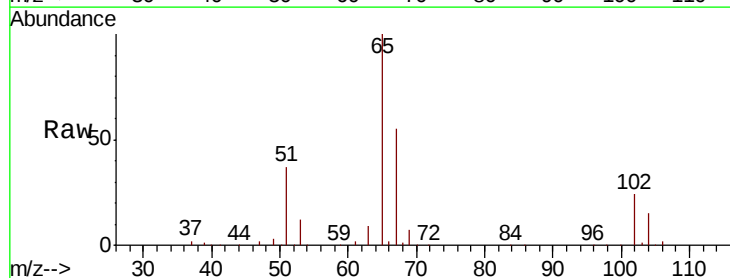
Acq: 10 Sep 2019 13:38

Tgt Ion: 65 Resp: 210445

Ion Ratio Lower Upper

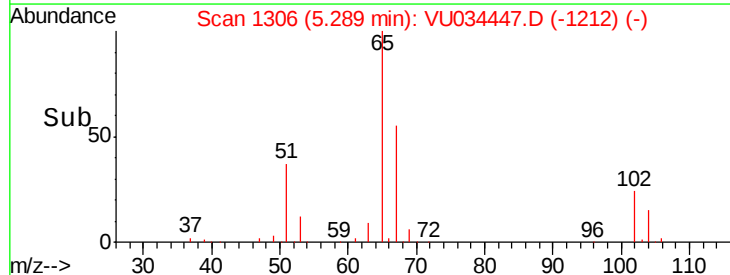
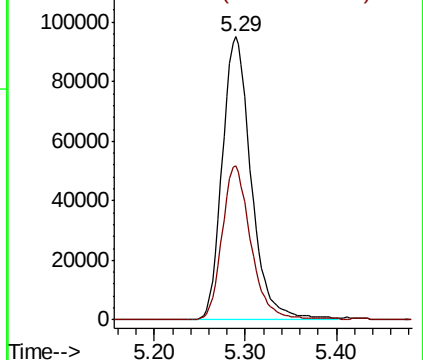
65 100

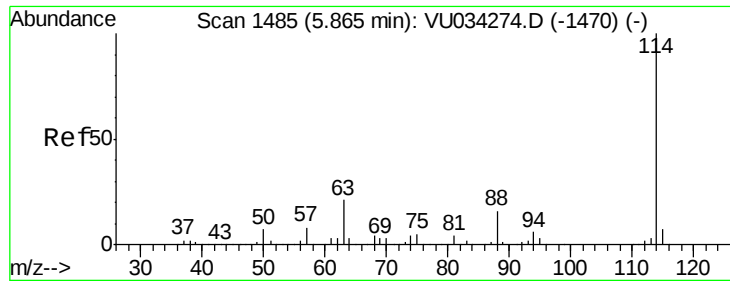
67 54.4 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034447.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034447.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

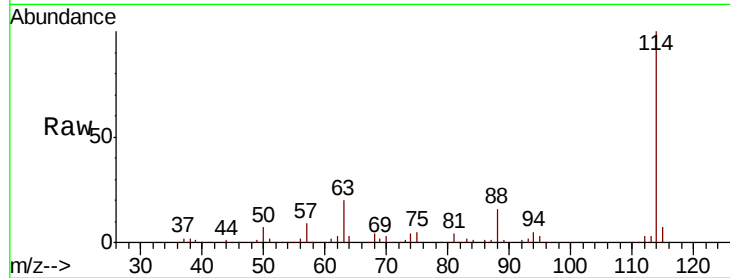
Tgt Ion:114 Resp: 320776

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

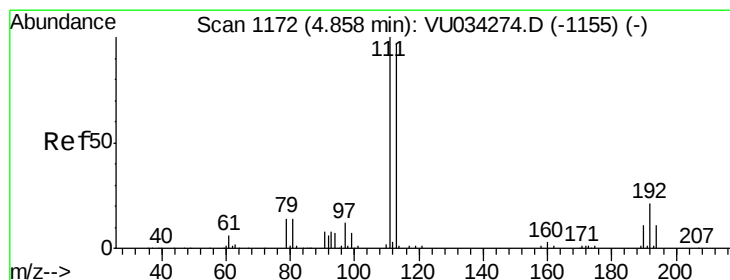
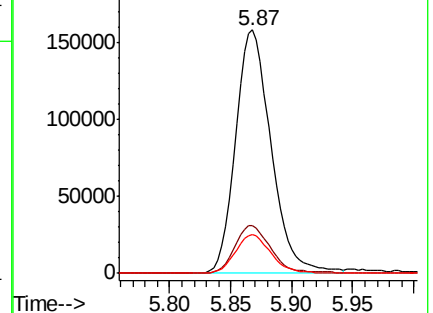
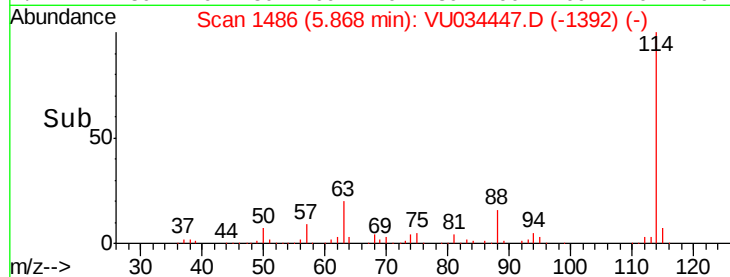
88 16.1 0.0 32.4



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: 58.595 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

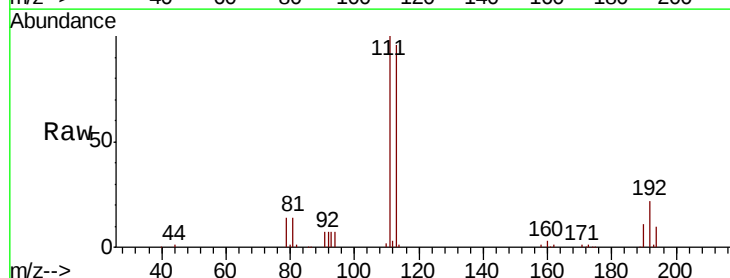
Tgt Ion:113 Resp: 174897

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

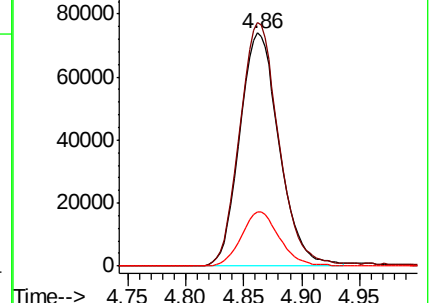
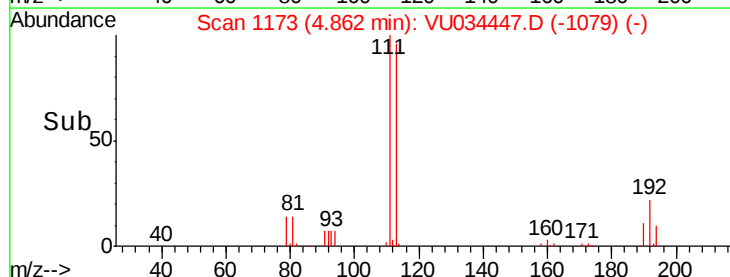
192 22.8 17.8 26.8

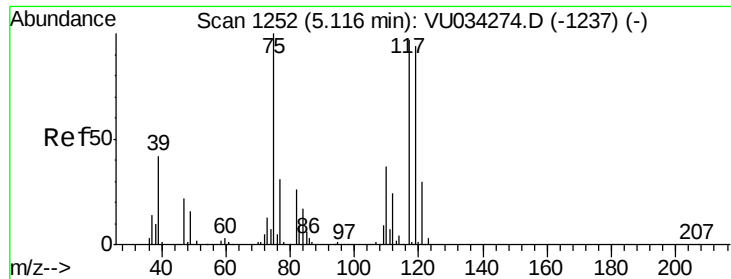


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.836 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

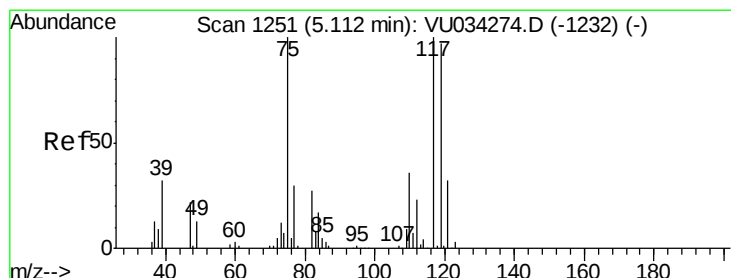
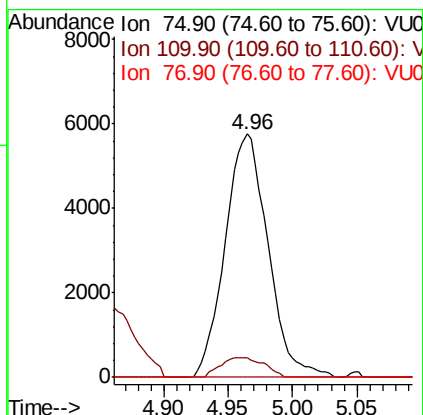
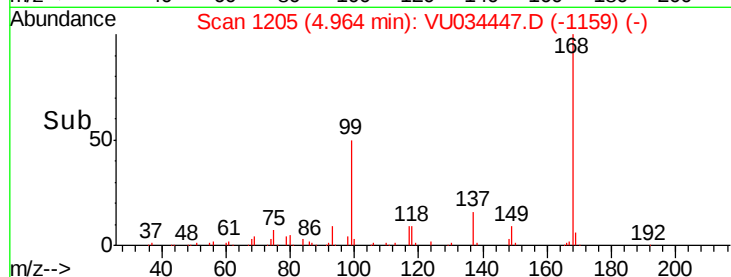
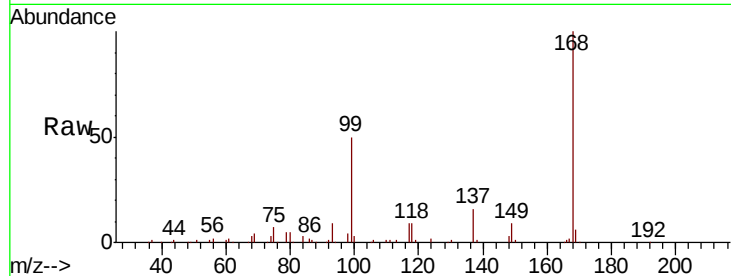
Tgt Ion: 75 Resp: 13344

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.829 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

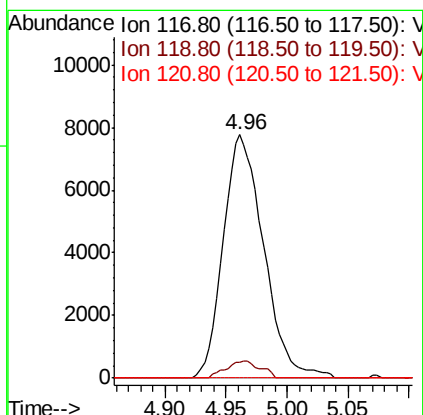
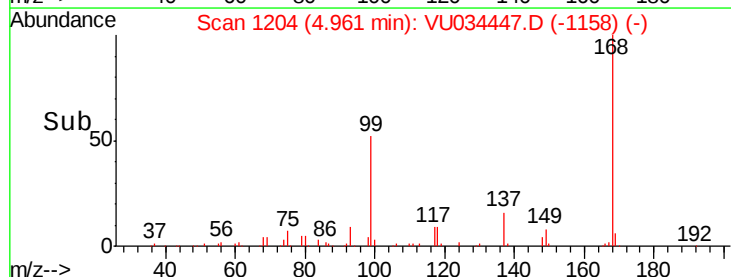
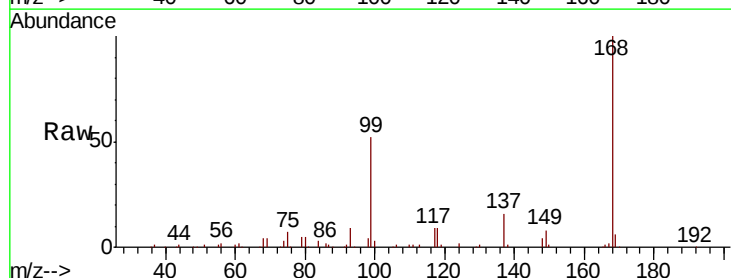
Tgt Ion: 117 Resp: 17938

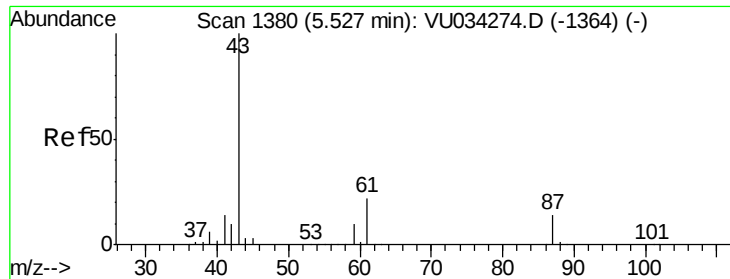
Ion Ratio Lower Upper

117 100

119 6.6 77.8 116.6#

121 0.0 25.2 37.8#





#43

Isopropyl Acetate

Concen: 9.125 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

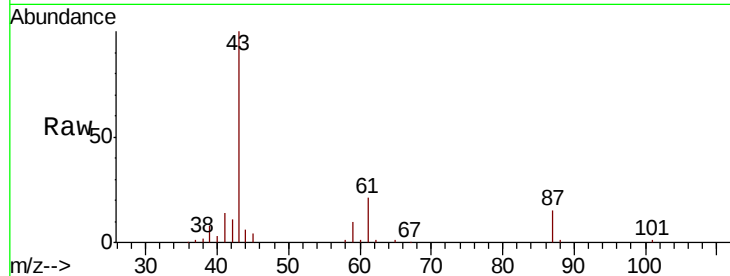
Tgt Ion: 43 Resp: 58549

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

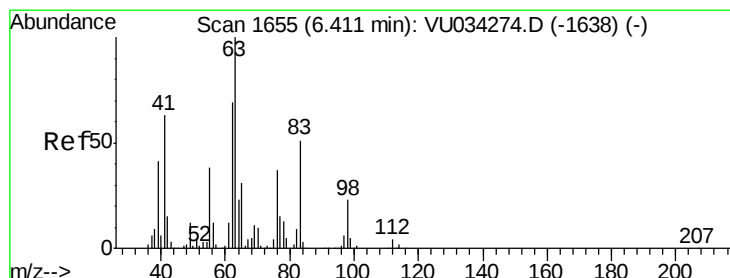
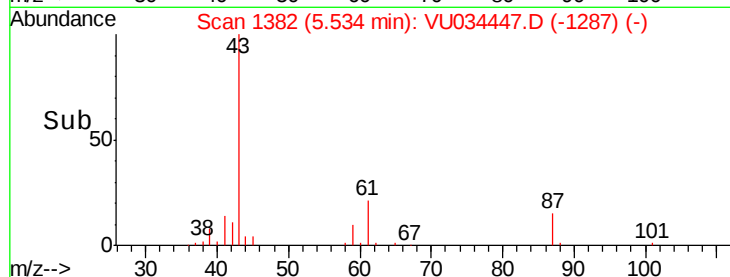
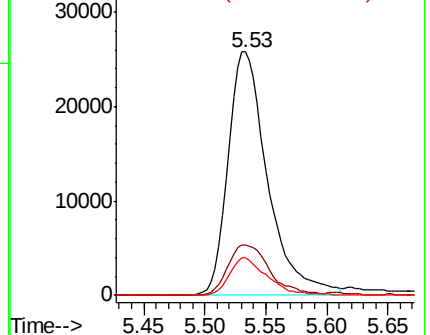
87 14.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034447.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034447.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034447.D (-1382) (-)



#45

1,2-Dichloropropane

Concen: 0.422 ug/l

RT: 6.68 min Scan# 1738

Delta R.T. 0.27 min

Lab File: VU034447.D

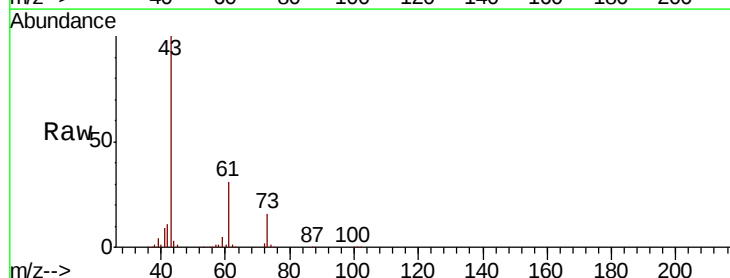
Acq: 10 Sep 2019 13:38

Tgt Ion: 63 Resp: 1384

Ion Ratio Lower Upper

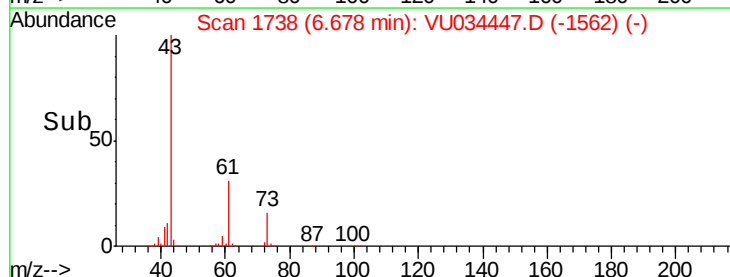
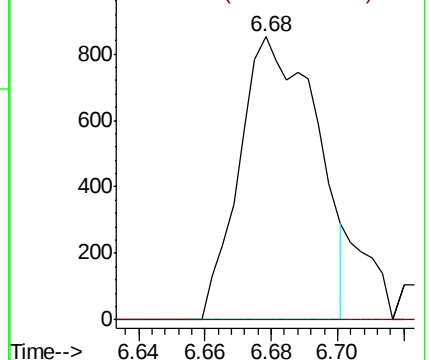
63 100

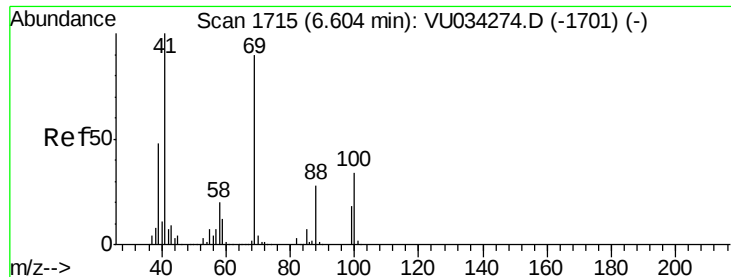
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VU034447.D (-1738) (-)

Ion 64.90 (64.60 to 65.60): VU034447.D (-1738) (-)

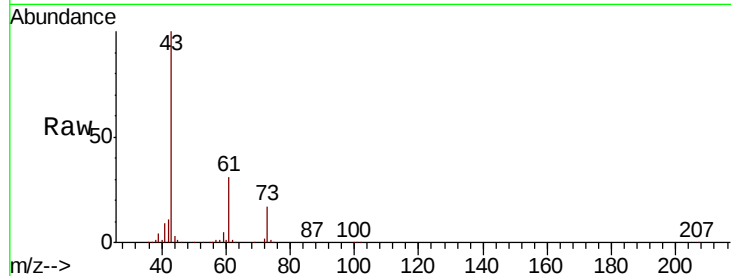




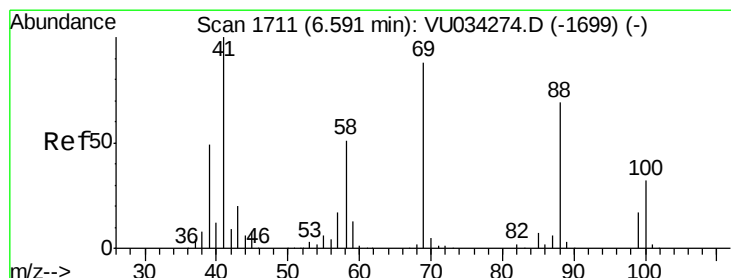
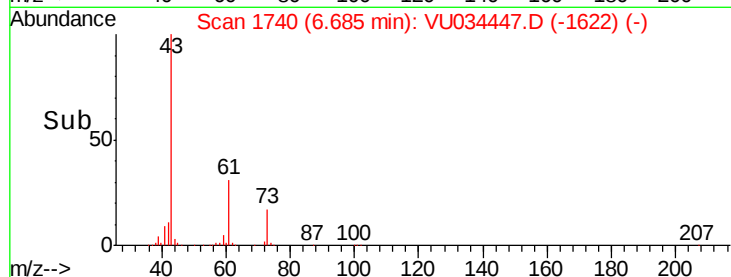
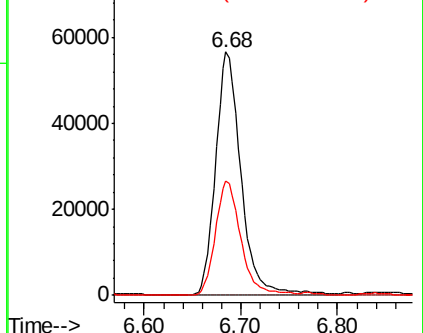
#48
Methyl methacrylate
Concen: 33.707 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034447.D
Acq: 10 Sep 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(3.11)

Tgt Ion: 41 Resp: 102723
Ion Ratio Lower Upper
41 100
69 0.0 72.8 109.2#
39 47.5 38.6 58.0

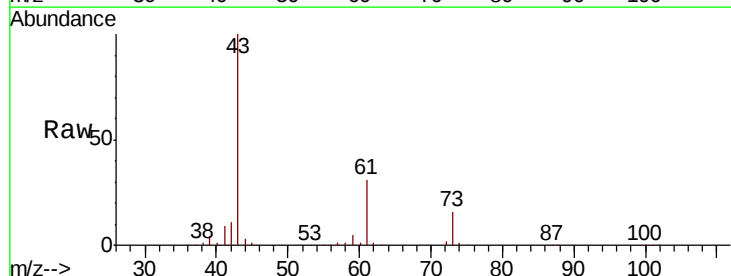


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

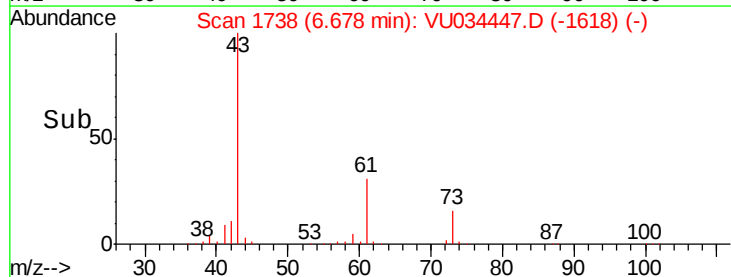
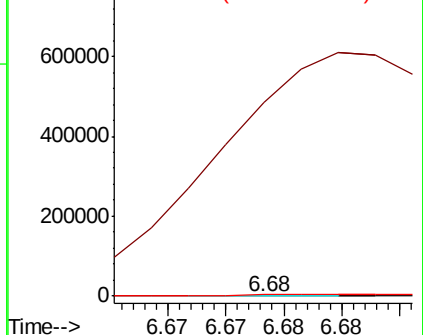


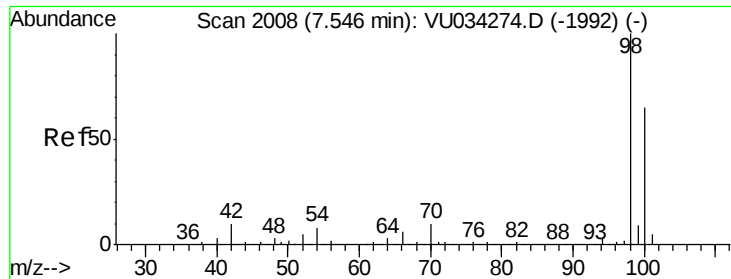
#49
1,4-Dioxane
Concen: 0.361 ug/l
RT: 6.68 min Scan# 1738
Delta R.T. 0.09 min
Lab File: VU034447.D
Acq: 10 Sep 2019 13:38

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 4678266.7 23.8 35.6#
58 27570.8 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#50

Toluene-d8

Concen: 50.012 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

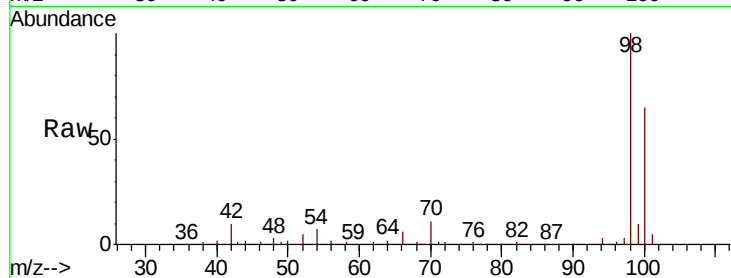
PAR-C4-(3.11)

Tgt Ion: 98 Resp: 560841

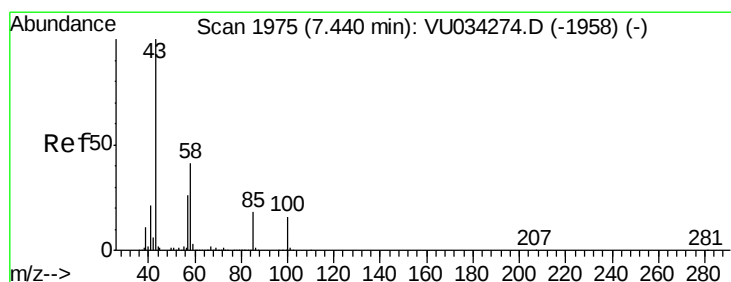
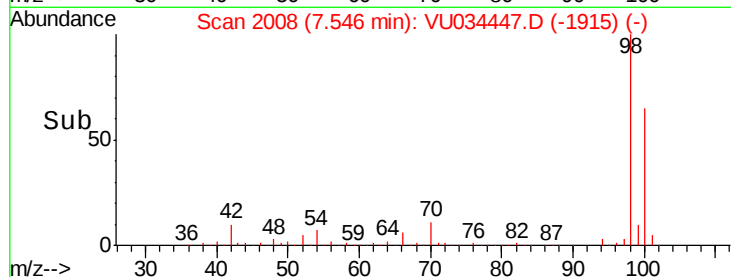
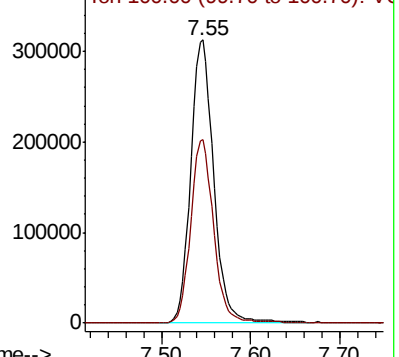
Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)



#51

4-Methyl-2-Pentanone

Concen: 11.600 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034447.D

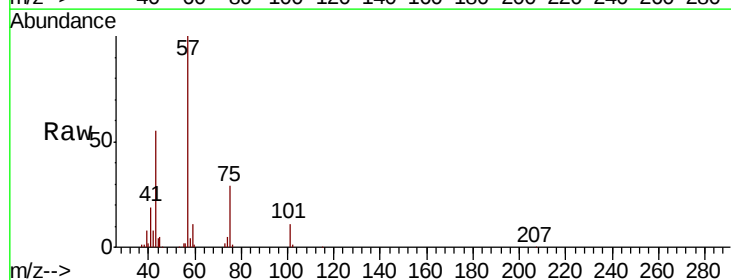
Acq: 10 Sep 2019 13:38

Tgt Ion: 43 Resp: 51519

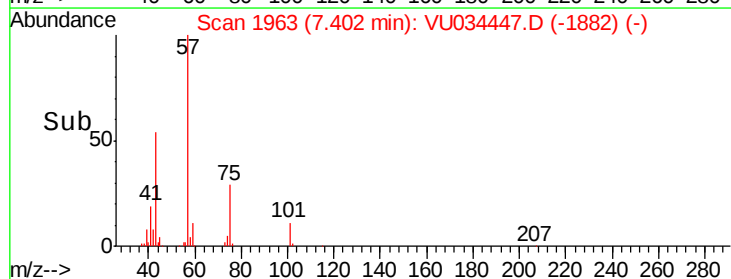
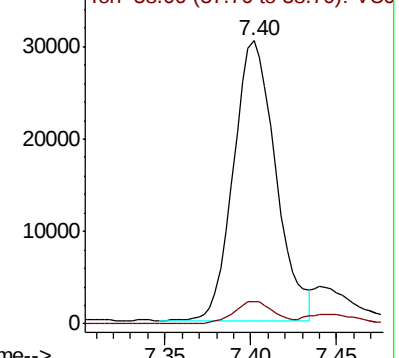
Ion Ratio Lower Upper

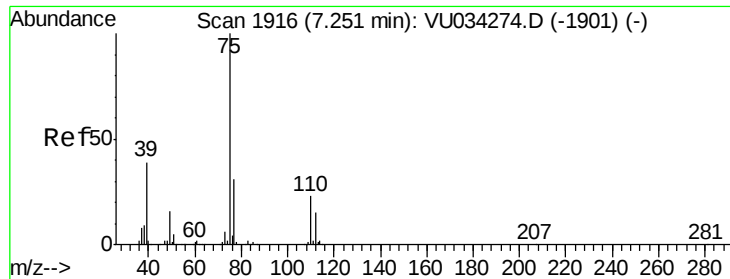
43 100

58 7.6 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-1958) (-)

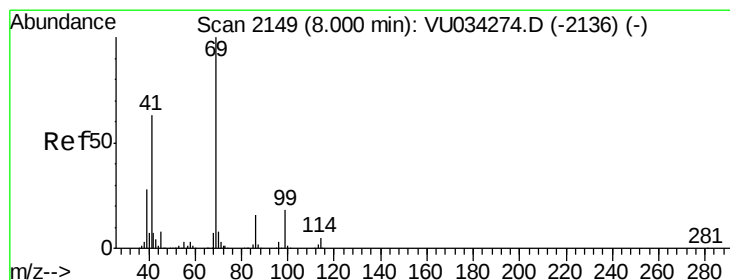
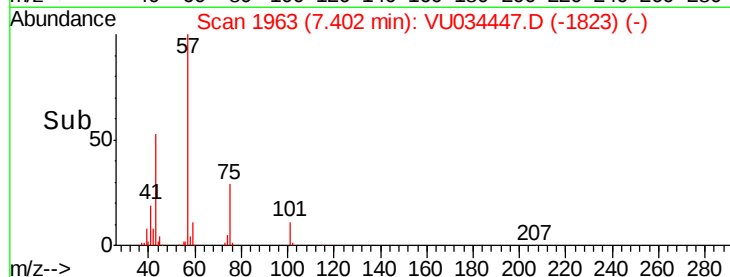
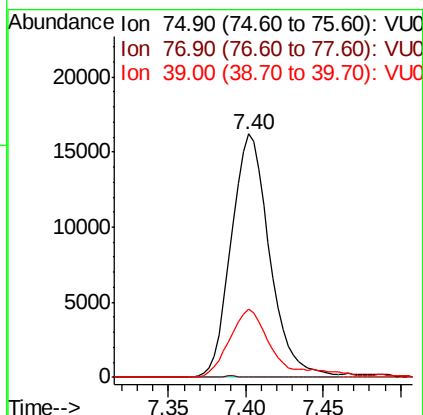
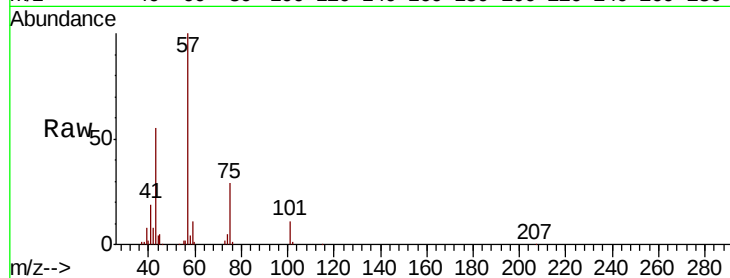




#54
 cis-1,3-Dichloropropene
 Concen: 5.790 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034447.D
 Acq: 10 Sep 2019 13:38

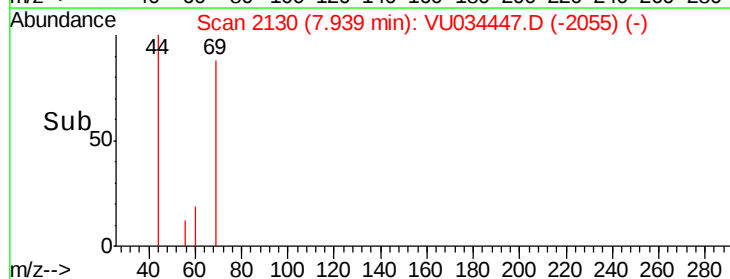
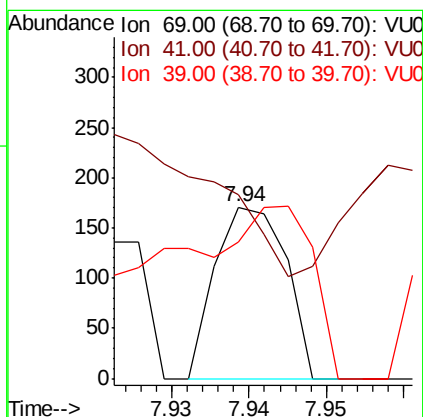
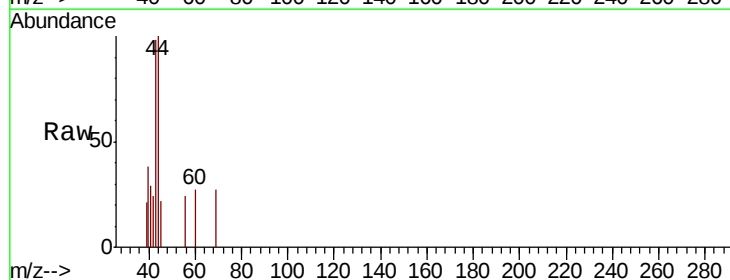
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(3.11)

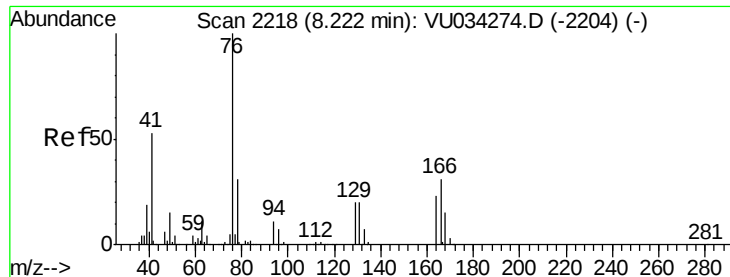
Tgt Ion: 75 Resp: 27932
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 27.8 31.2 46.8#



#56
 Ethyl methacrylate
 Concen: 3.098 ug/l
 RT: 7.94 min Scan# 2130
 Delta R.T. -0.06 min
 Lab File: VU034447.D
 Acq: 10 Sep 2019 13:38

Tgt Ion: 69 Resp: 109
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.5 74.3#
 39 0.0 22.5 33.7#





#57

1,3-Dichloropropane

Concen: 0.878 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.17 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

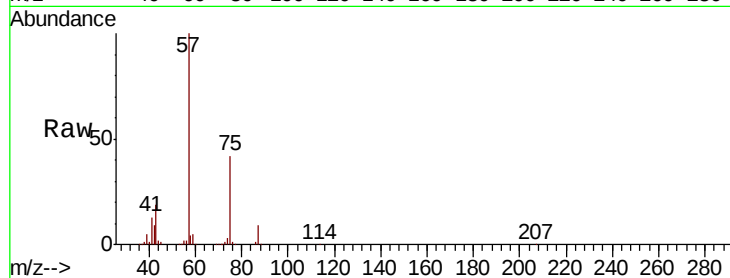
PAR-C4-(3.11)

Tgt Ion: 76 Resp: 4573

Ion Ratio Lower Upper

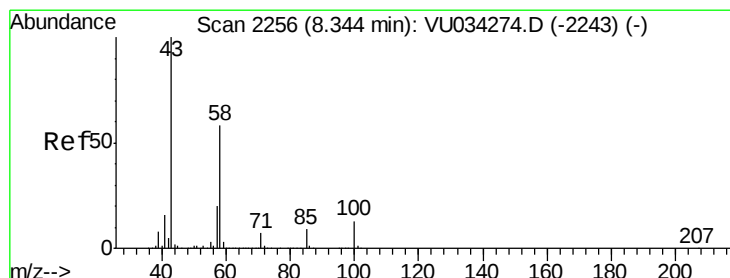
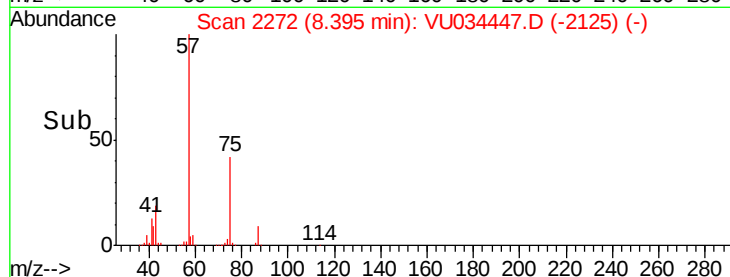
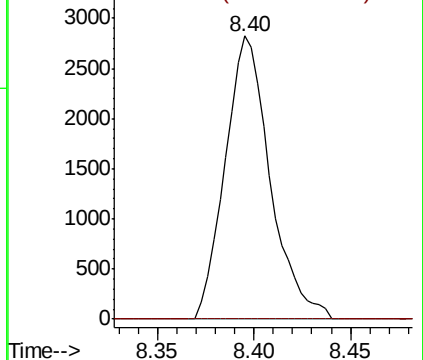
76 100

78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 19.089 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.05 min

Lab File: VU034447.D

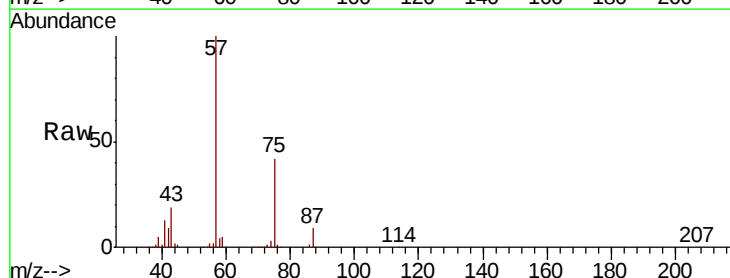
Acq: 10 Sep 2019 13:38

Tgt Ion: 43 Resp: 63337

Ion Ratio Lower Upper

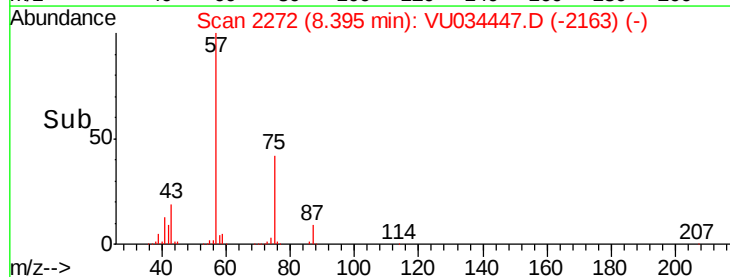
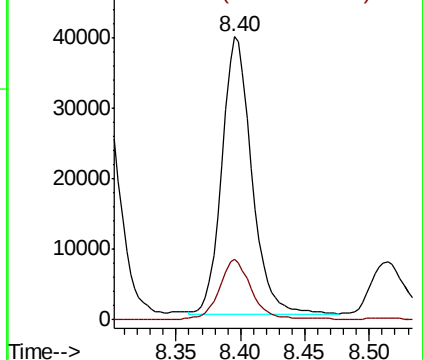
43 100

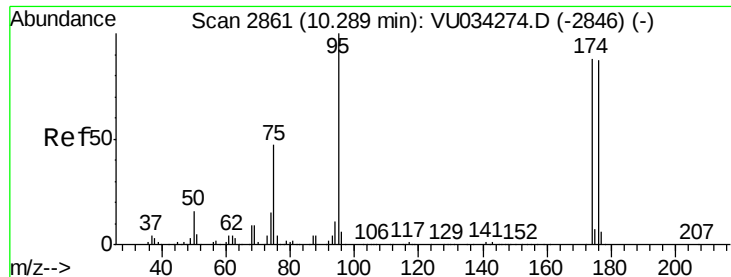
58 23.5 28.8 86.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.365 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

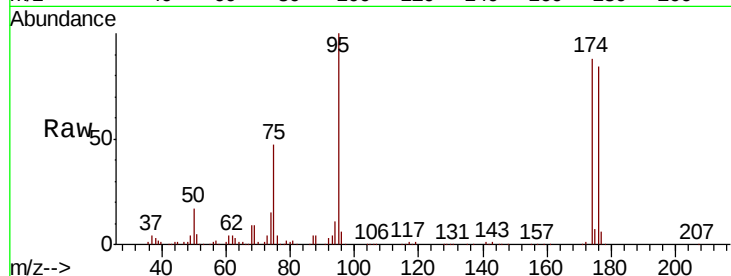
Tgt Ion: 95 Resp: 192086

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.2

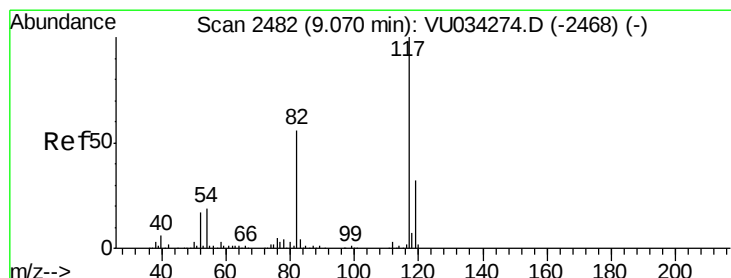
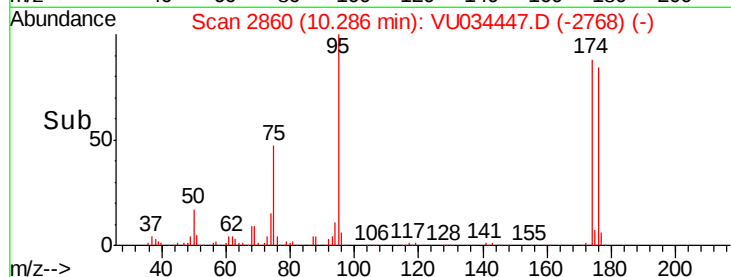
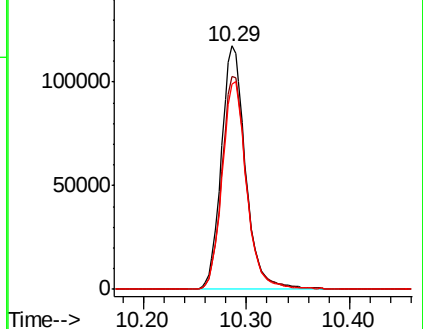
176 86.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034447.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034447.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034447.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

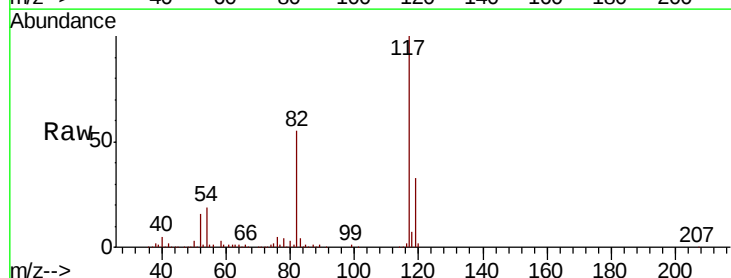
Tgt Ion: 117 Resp: 332901

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

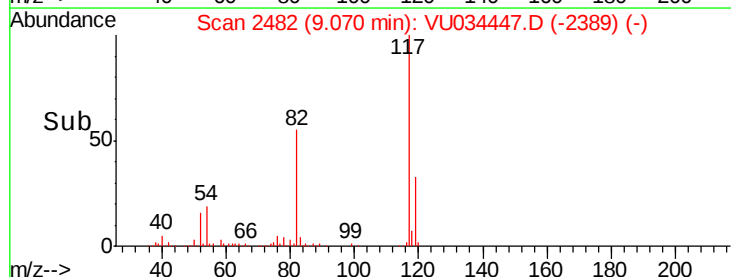
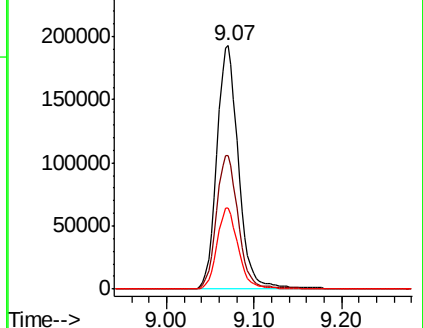
119 33.4 25.9 38.9

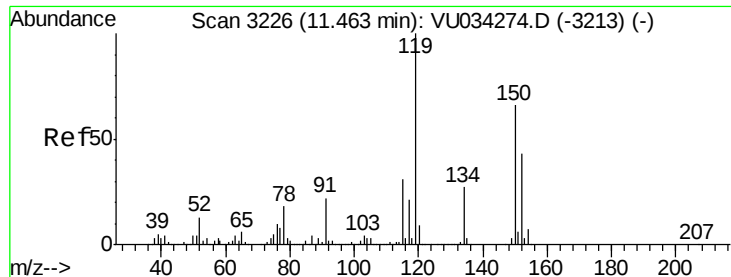


Abundance Ion 116.90 (116.60 to 117.60): VU034447.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034447.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034447.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(3.11)

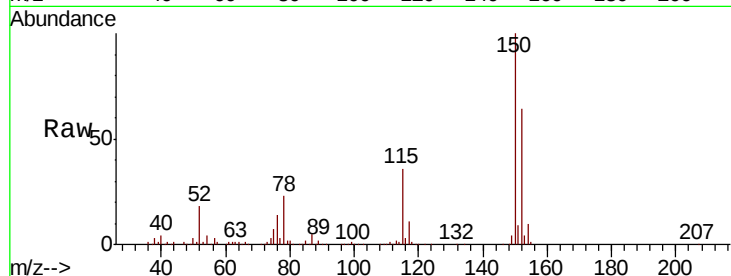
Tgt Ion:152 Resp: 170952

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

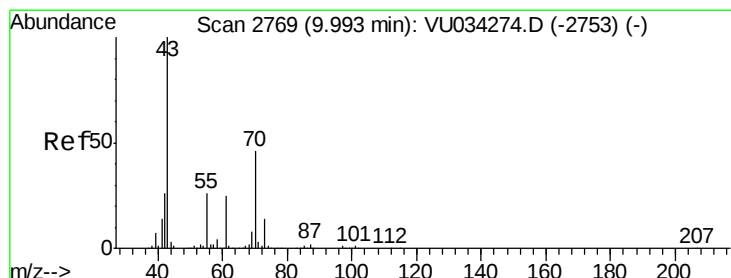
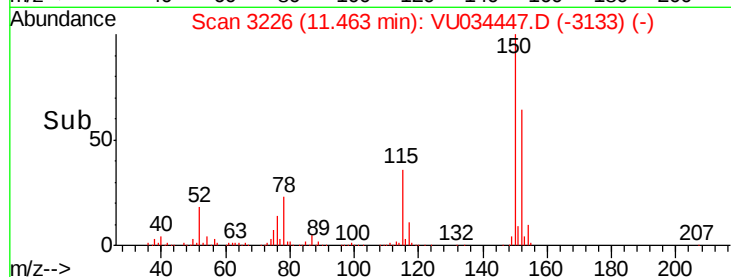
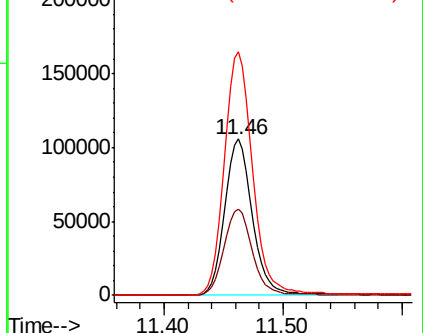
150 159.3 0.0 345.4



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



#74

N-ethyl acetate

Concen: 0.337 ug/l

RT: 9.92 min Scan# 2745

Delta R.T. -0.08 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Tgt Ion: 43 Resp: 1509

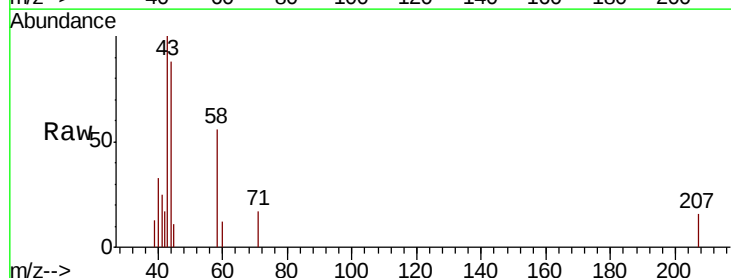
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 6.1 21.2 31.8#

61 0.0 20.4 30.6#

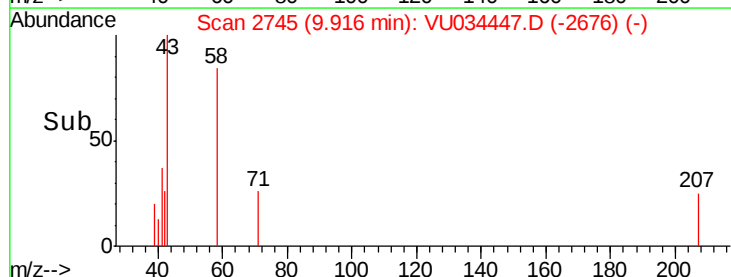
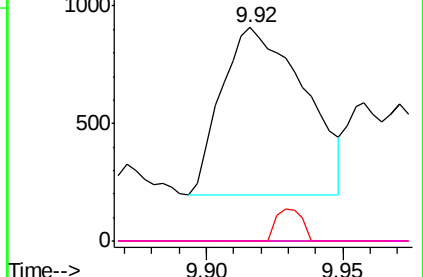


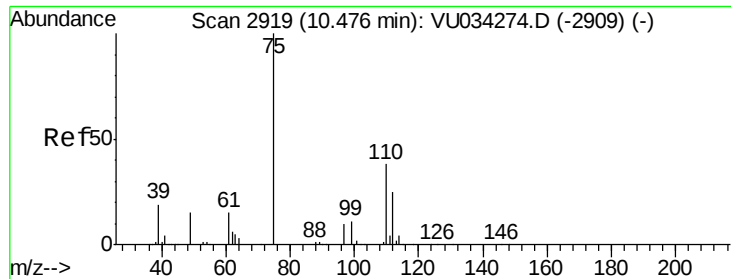
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 24.164 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

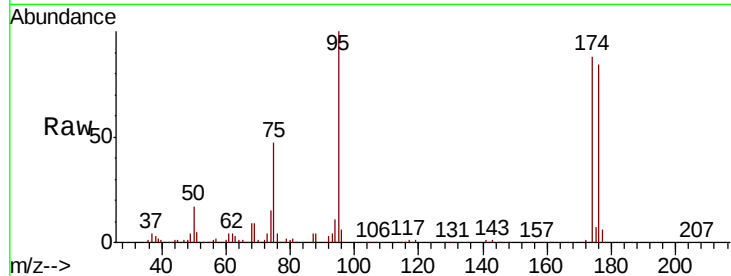
PAR-C4-(3.11)

Tgt Ion: 75 Resp: 90170

Ion Ratio Lower Upper

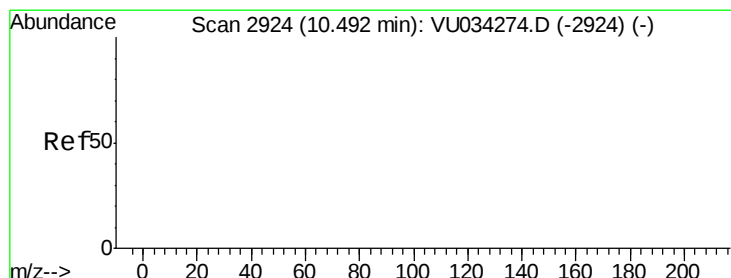
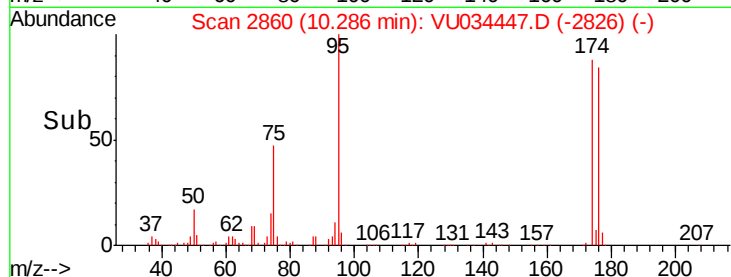
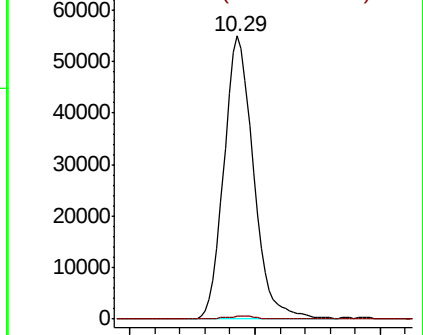
75 100

77 1.1 20.8 62.2#



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: 81.262 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034447.D

Acq: 10 Sep 2019 13:38

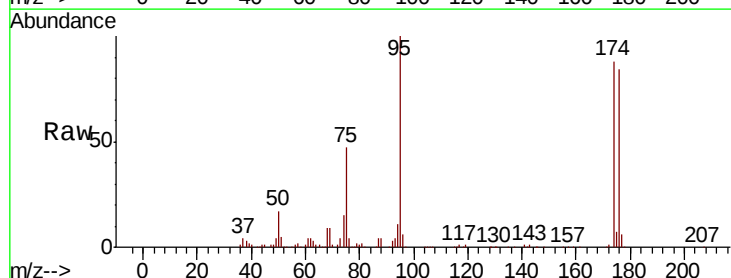
Tgt Ion: 75 Resp: 90170

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

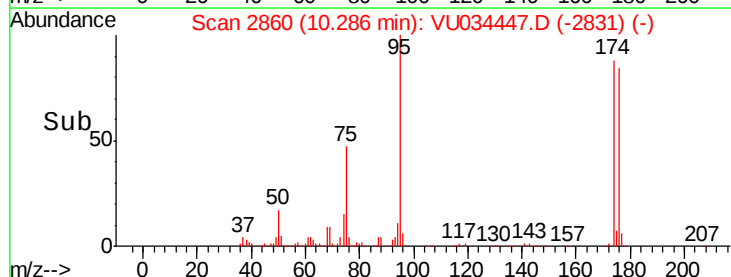
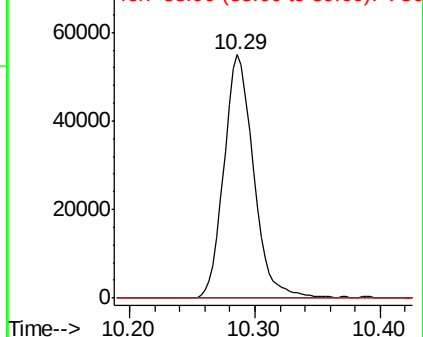
89 0.0 0.0 0.0

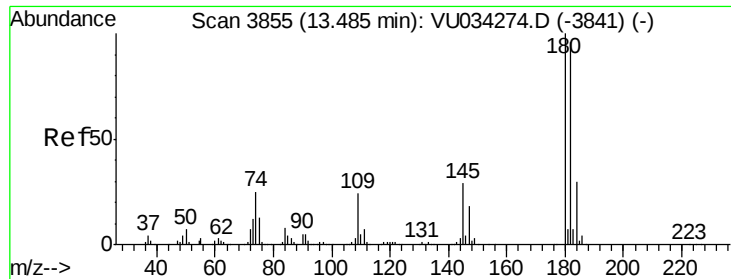


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

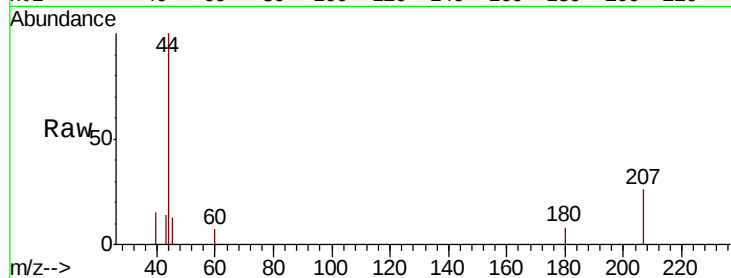




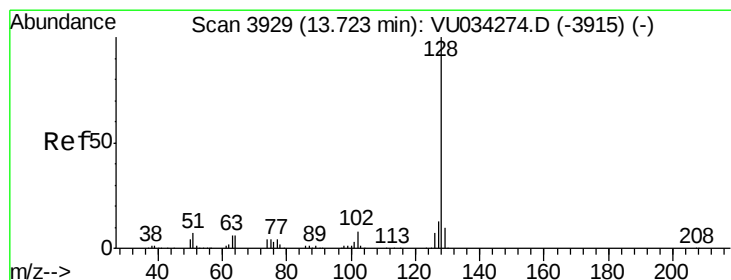
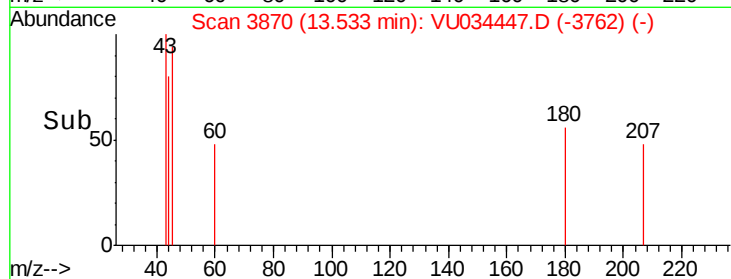
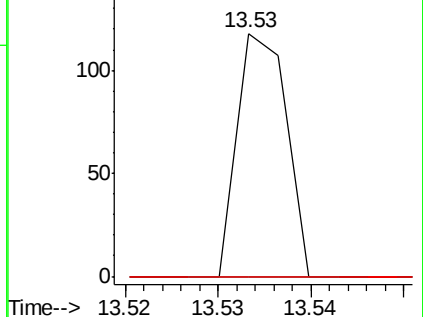
#93
 1,2,4-Trichlorobenzene
 Concen: 3.462 ug/l
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.05 min
 Lab File: VU034447.D
 Acq: 10 Sep 2019 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(3.11)

Tgt Ion:180 Resp: 43
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.4 43.0#

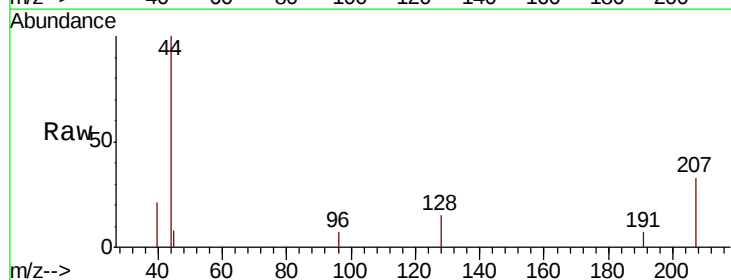


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

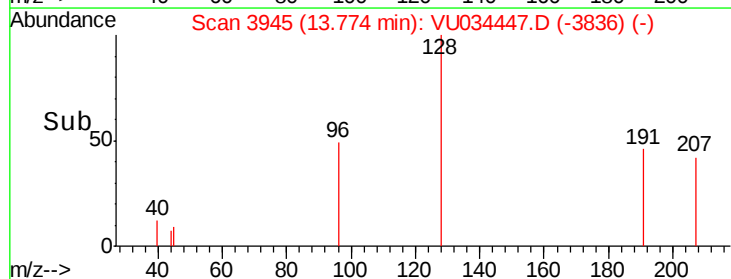
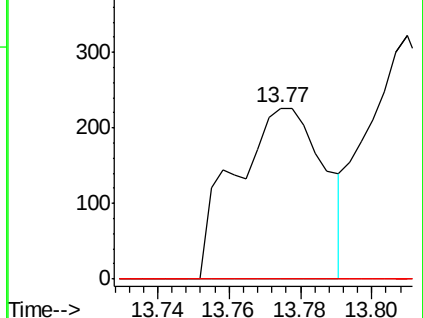


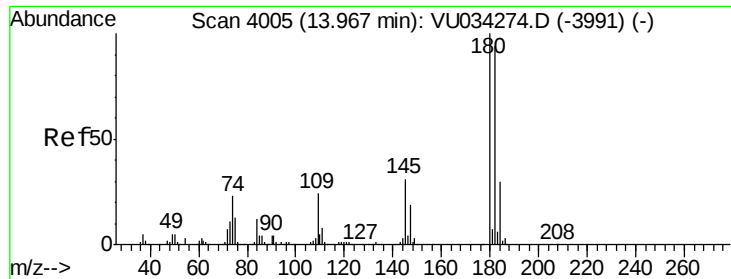
#95
 Naphthalene
 Concen: 3.997 ug/l
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.05 min
 Lab File: VU034447.D
 Acq: 10 Sep 2019 13:38

Tgt Ion:128 Resp: 390
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.666 ug/l
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.02 min
 Lab File: VU034447.D
 Acq: 10 Sep 2019 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(3.11)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.4	145.0#
145	0.0	15.4	46.4#

