

Data File : VU034302.D
Acq On : 05 Sep 2019 22:31
Operator : JC/SP
Sample : K4579-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

Quant Time: Sep 06 07:43:46 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	432804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	693840	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	681730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	341791	50.00	ug/l	0.00

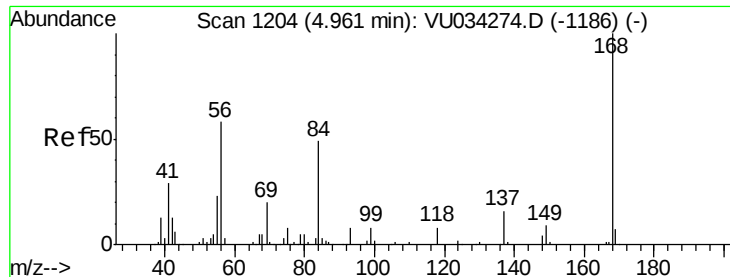
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	279577	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	4.86	113	244522	37.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.74%	
50) Toluene-d8	7.55	98	966844	39.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.72%	
62) 4-Bromofluorobenzene	10.29	95	342629	36.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.18%	

Target Compounds			Qvalue			
5) Bromomethane	1.63	94	435	Below Cal	#	54
6) Chloroethane	1.68	64	261	Below Cal	#	43
8) Diethyl Ether	2.10	74	1144	0.344	ug/l	52
10) Methyl Iodide	2.41	142	67	3.860	ug/l #	43
11) Tert butyl alcohol	2.82	59	4699	3.397	ug/l #	73
13) Acrolein	2.19	56	640	0.550	ug/l	100
16) Acetone	2.31	43	31550	9.310	ug/l	97
18) Methyl Acetate	2.61	43	3934	0.477	ug/l	92
20) Methylene Chloride	2.69	84	9499	1.322	ug/l	95
25) 2-Butanone	4.28	43	5163	1.141	ug/l	92
31) Cyclohexane	4.96	56	7551	0.984	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	29748	3.953	ug/l #	48
37) Ethyl Acetate	4.28	43	5163	0.580	ug/l #	66
38) Carbon Tetrachloride	4.96	117	39555	4.923	ug/l #	16
43) Isopropyl Acetate	5.53	43	94999	6.845	ug/l	99
48) Methyl methacrylate	6.53	41	5559	0.843	ug/l #	13
49) 1,4-Dioxane	6.62	88	43	0.299	ug/l #	22
51) 4-Methyl-2-Pentanone	7.40	43	75345	7.843	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	41779	4.004	ug/l #	63
56) Ethyl methacrylate	7.94	69	250	3.099	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	7365	0.654	ug/l #	43
59) 2-Hexanone	8.40	43	94031	13.102	ug/l #	52
74) N-ethyl acetate	9.92	43	2742	0.306	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	160587	21.524	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	160587	72.385	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.52	180	65	3.459	ug/l #	12
95) Naphthalene	13.79	128	393	3.982	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.00	180	20	2.641	ug/l #	12

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

Quant Time: Sep 06 07:43:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

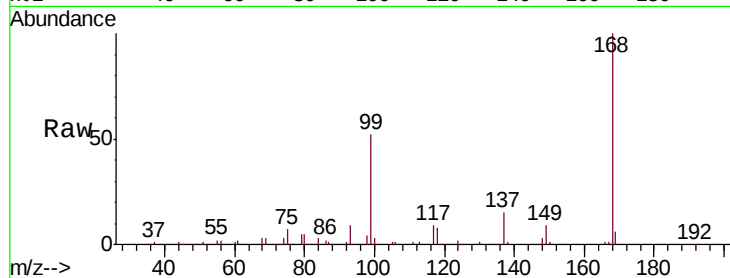
PAR-12-A1-(0)

Tgt Ion:168 Resp: 432804

Ion Ratio Lower Upper

168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

200000

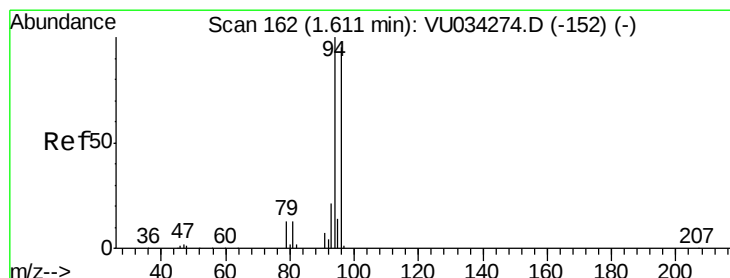
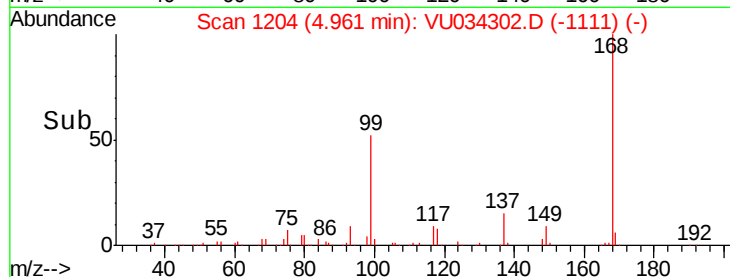
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034302.D

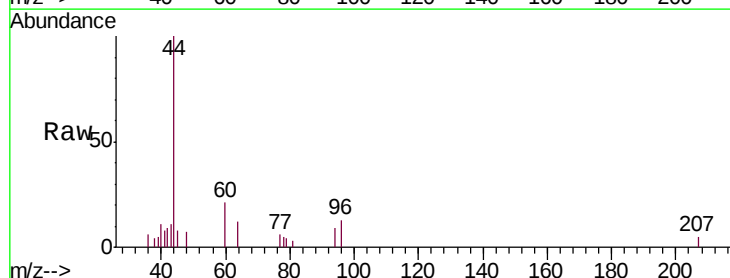
Acq: 05 Sep 2019 22:31

Tgt Ion: 94 Resp: 435

Ion Ratio Lower Upper

94 100

96 139.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.63

500

400

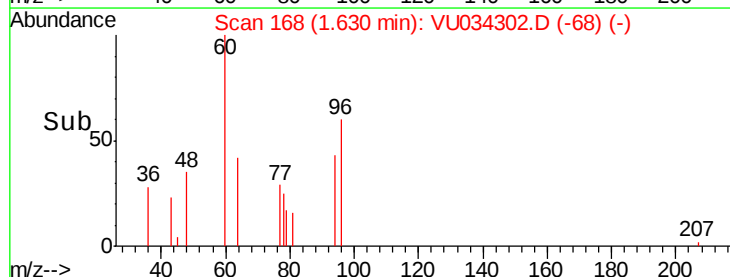
300

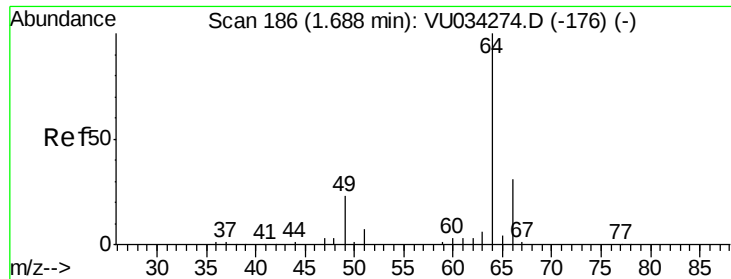
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

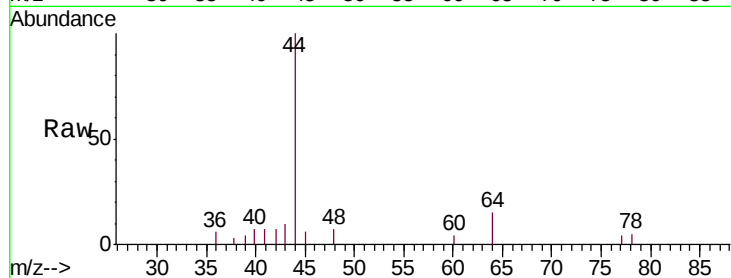
PAR-12-A1-(0)

Tgt Ion: 64 Resp: 261

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#

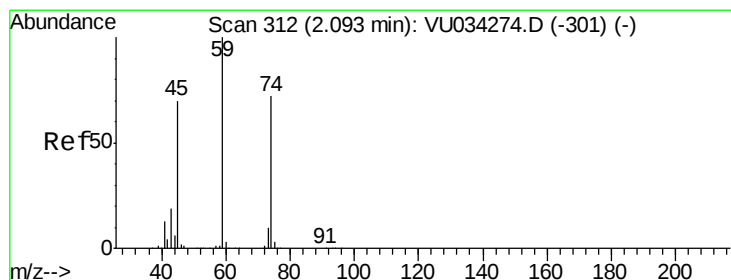
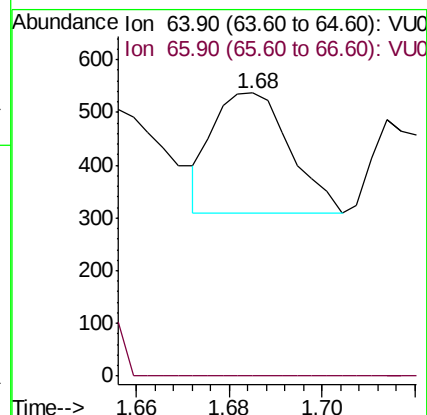
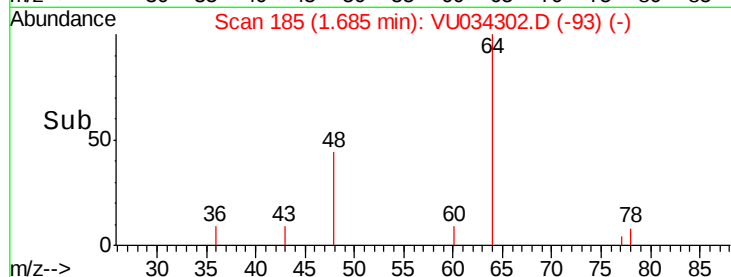


Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034274.D (-176) (-)

1.68

Time-->



#8

Diethyl Ether

Concen: 0.344 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.00 min

Lab File: VU034302.D

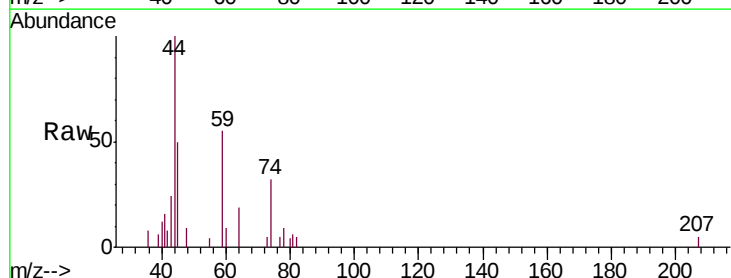
Acq: 05 Sep 2019 22:31

Tgt Ion: 74 Resp: 1144

Ion Ratio Lower Upper

74 100

45 143.5 48.2 144.6

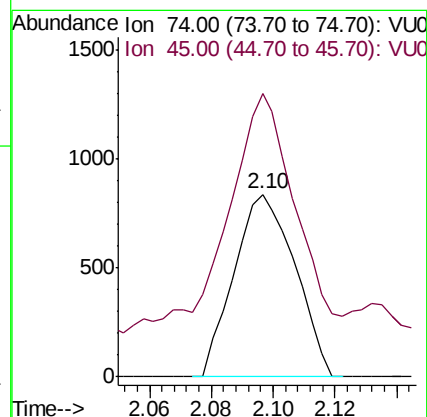
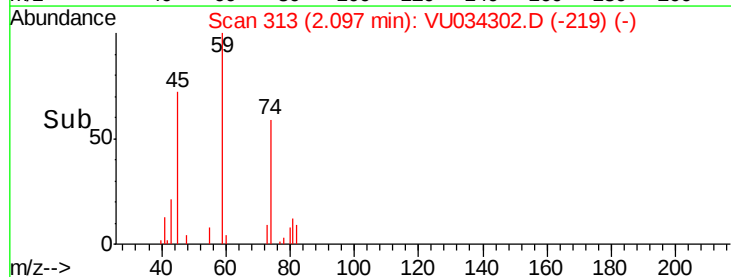


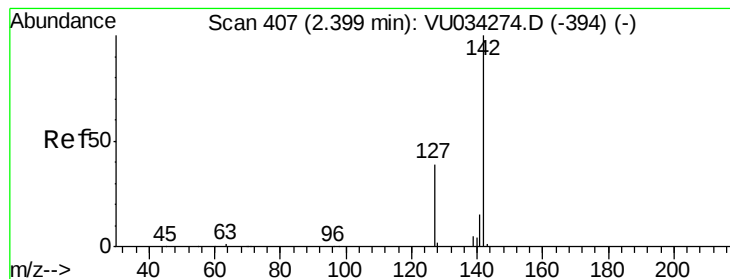
Abundance Ion 74.00 (73.70 to 74.70): VU034274.D (-301) (-)

Ion 45.00 (44.70 to 45.70): VU034274.D (-301) (-)

2.10

Time-->





#10

Methyl Iodide

Concen: 3.860 ug/l

RT: 2.41 min Scan# 412

Delta R.T. 0.02 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A1-(0)

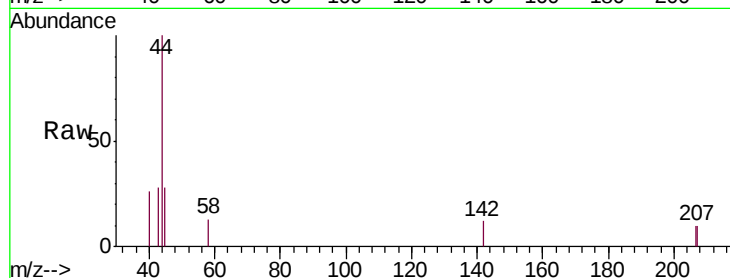
Tgt Ion:142 Resp: 67

Ion Ratio Lower Upper

142 100

127 0.0 32.1 48.1#

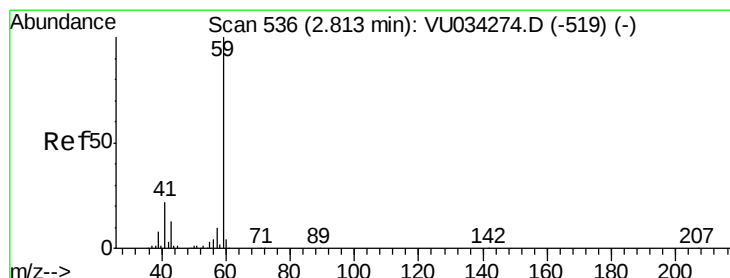
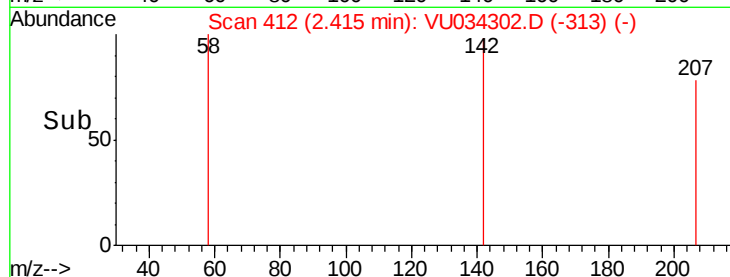
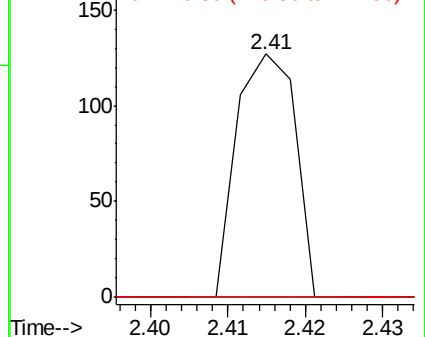
141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 3.397 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU034302.D

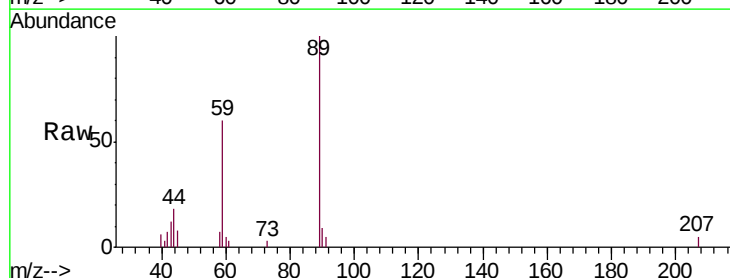
Acq: 05 Sep 2019 22:31

Tgt Ion: 59 Resp: 4699

Ion Ratio Lower Upper

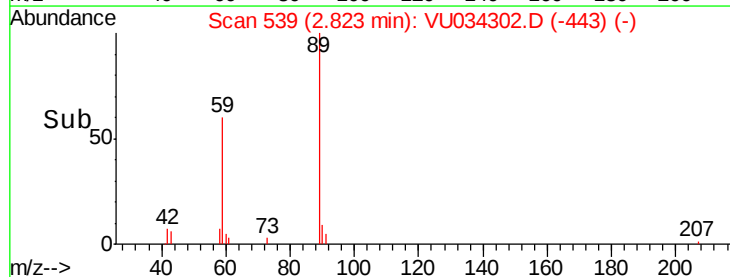
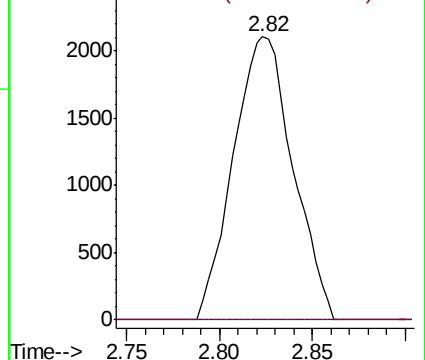
59 100

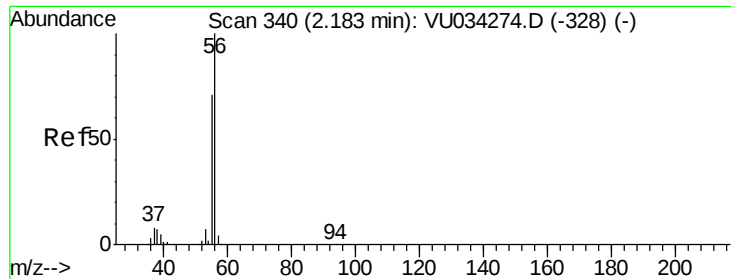
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#13

Acrolein

Concen: 0.550 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

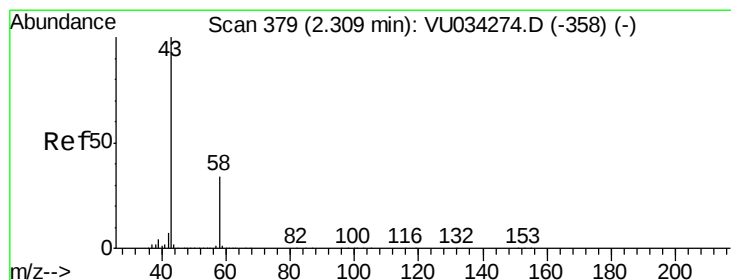
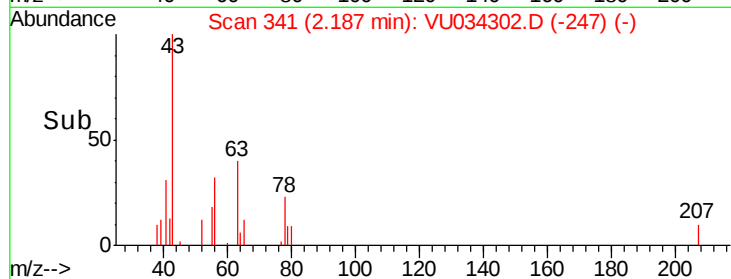
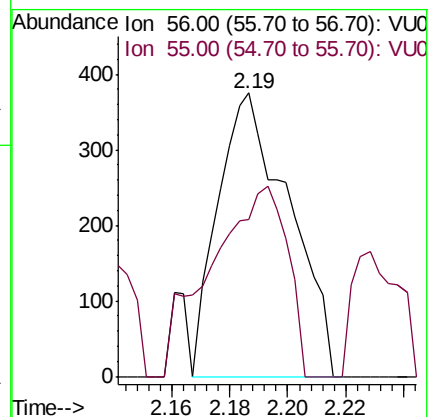
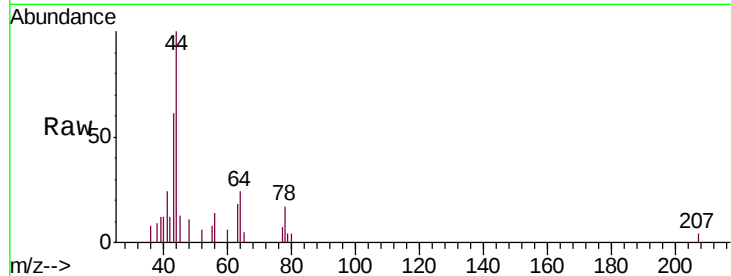
PAR-12-A1-(0)

Tgt Ion: 56 Resp: 640

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.2



#16

Acetone

Concen: 9.310 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034302.D

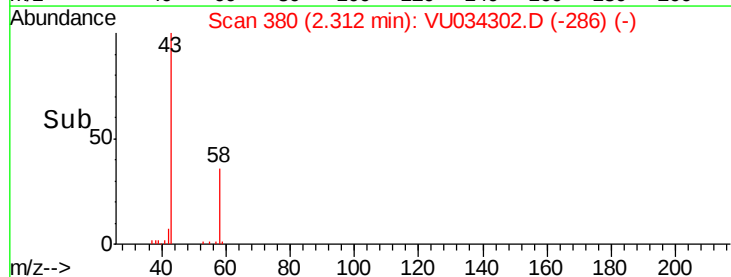
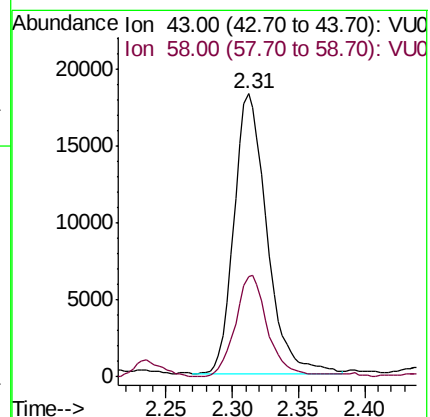
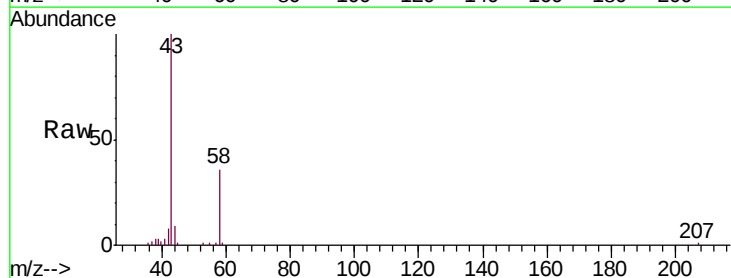
Acq: 05 Sep 2019 22:31

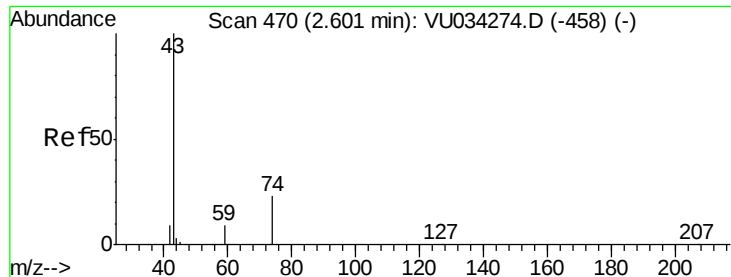
Tgt Ion: 43 Resp: 31550

Ion Ratio Lower Upper

43 100

58 36.0 27.6 41.4

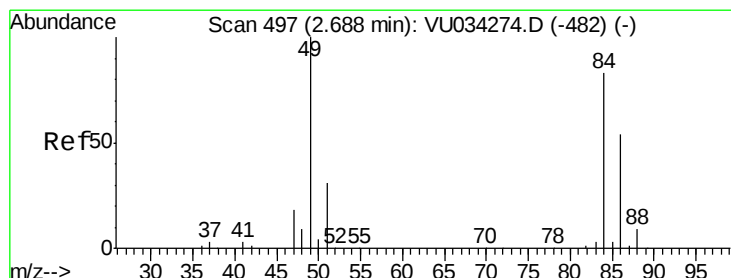
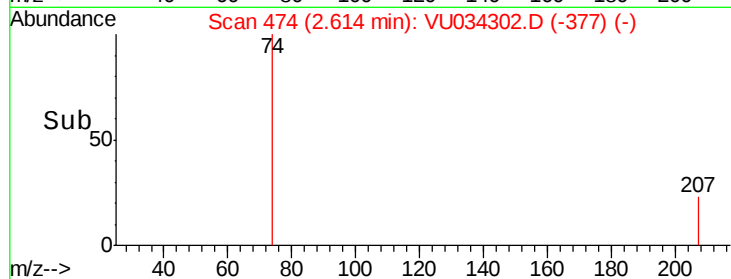
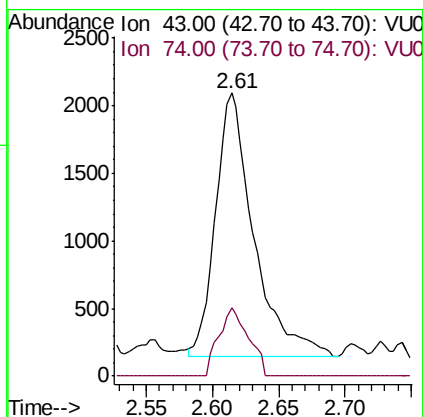
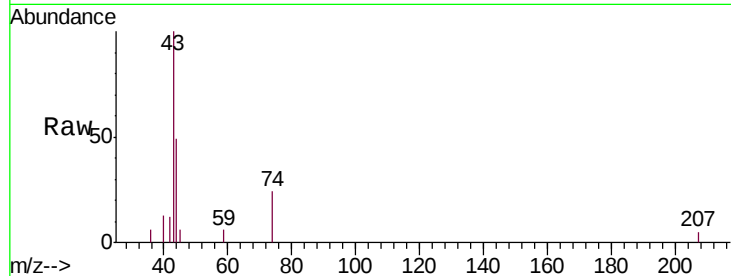




#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

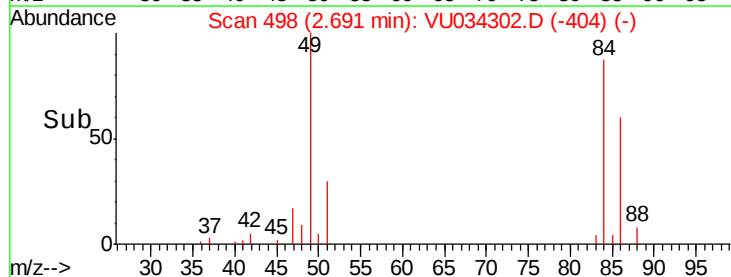
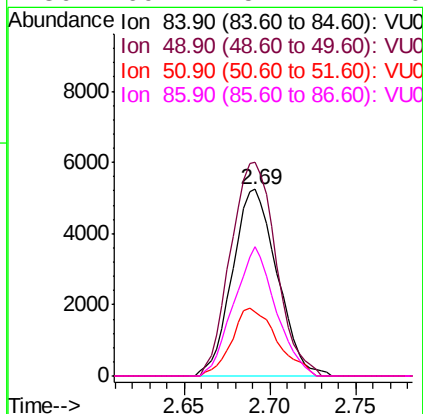
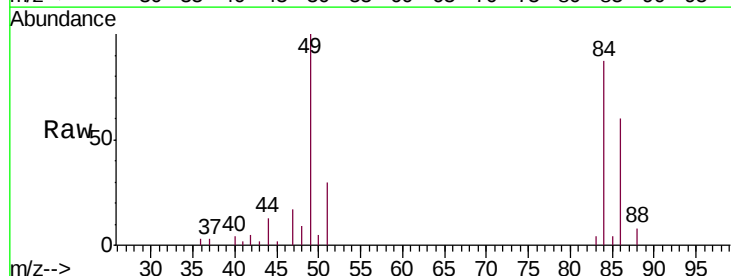
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

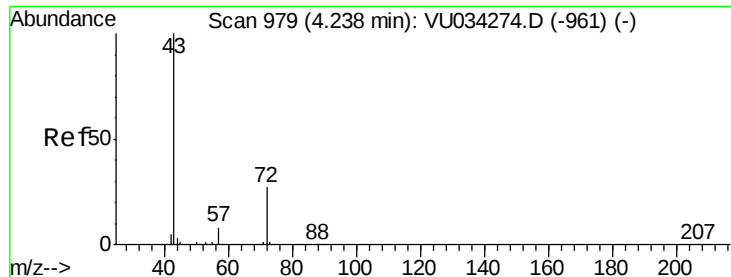
Tgt Ion: 43 Resp: 3934
Ion Ratio Lower Upper
43 100
74 19.9 18.9 28.3



#20
Methylene Chloride
Concen: 1.322 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Tgt Ion: 84 Resp: 9499
Ion Ratio Lower Upper
84 100
49 114.7 96.0 144.0
51 34.1 30.0 45.0
86 69.4 51.4 77.0





#25

2-Butanone

Concen: 1.141 ug/l

RT: 4.28 min Scan# 993

Delta R.T. 0.05 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

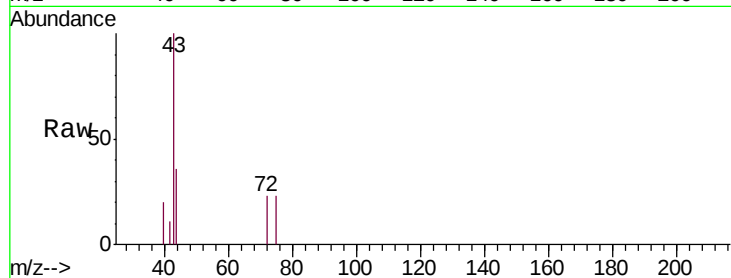
PAR-12-A1-(0)

Tgt Ion: 43 Resp: 5163

Ion Ratio Lower Upper

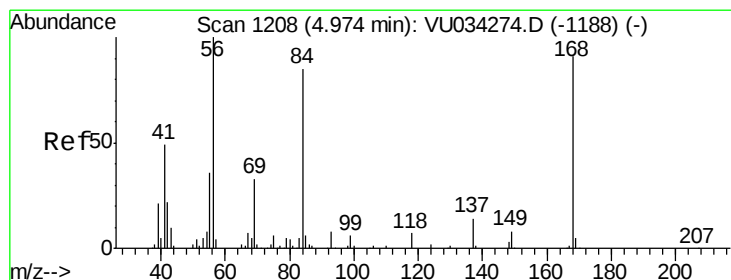
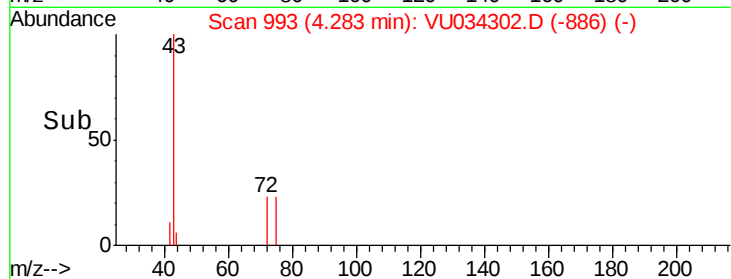
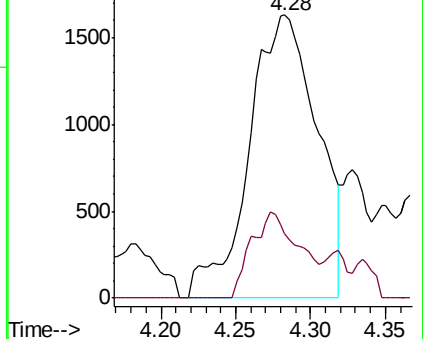
43 100

72 22.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-961) (-)



#31

Cyclohexane

Concen: 0.984 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

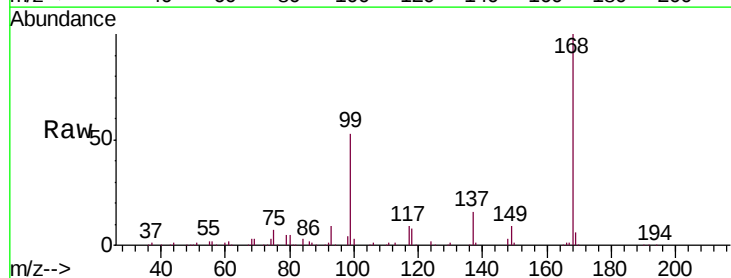
Tgt Ion: 56 Resp: 7551

Ion Ratio Lower Upper

56 100

69 188.2 26.7 40.1#

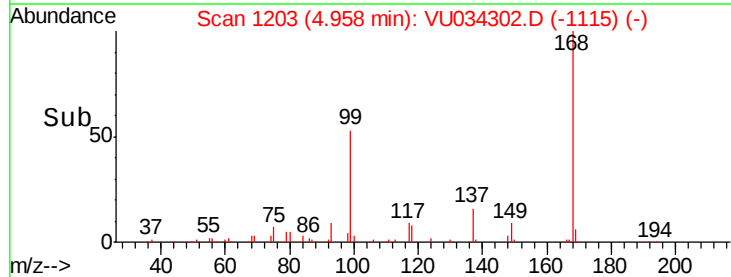
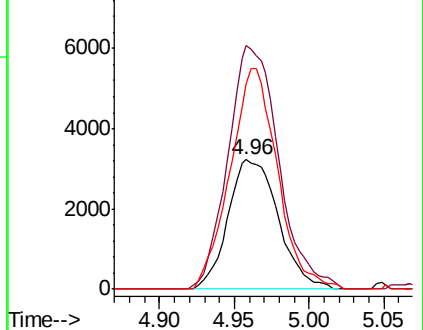
84 159.0 68.2 102.4#

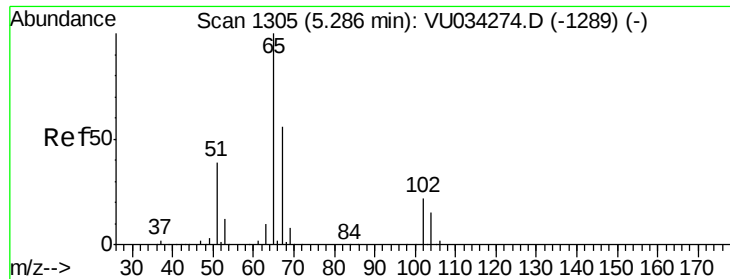


Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034274.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034274.D (-1188) (-)

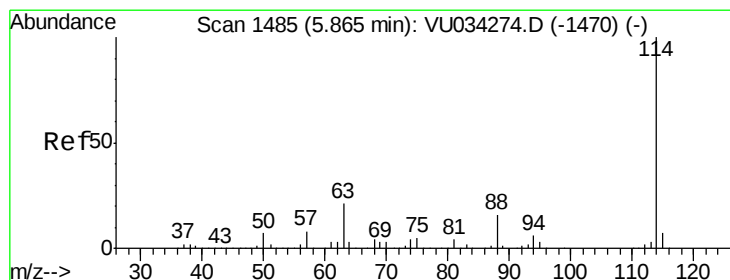
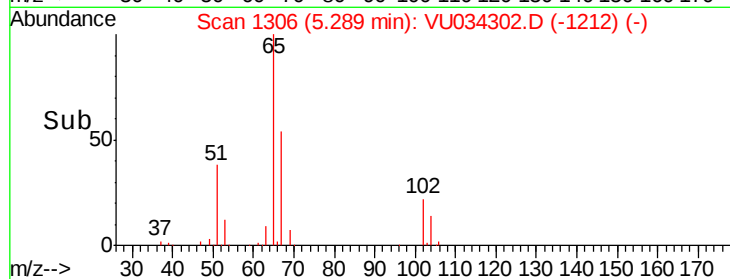
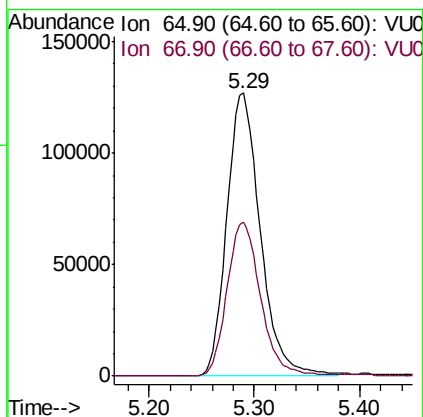
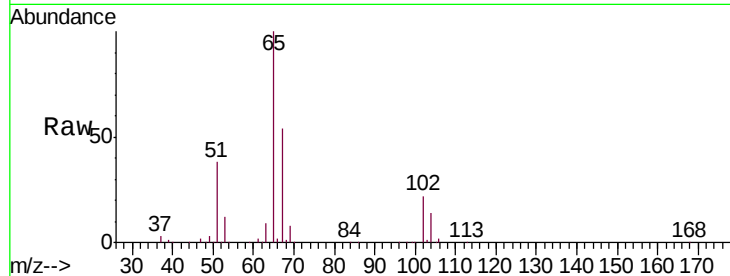




#33
 1,2-Dichloroethane-d4
 Concen: 42.694 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

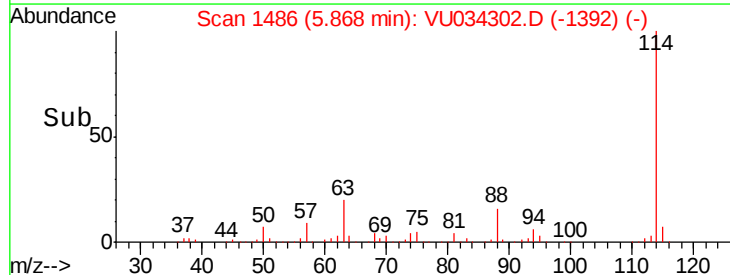
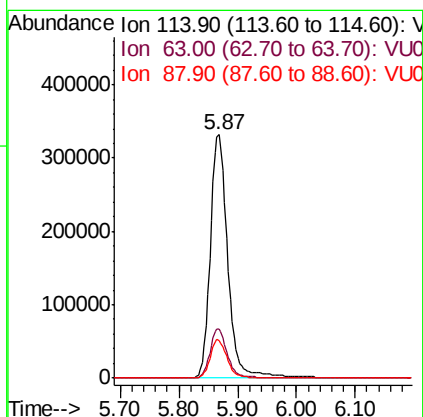
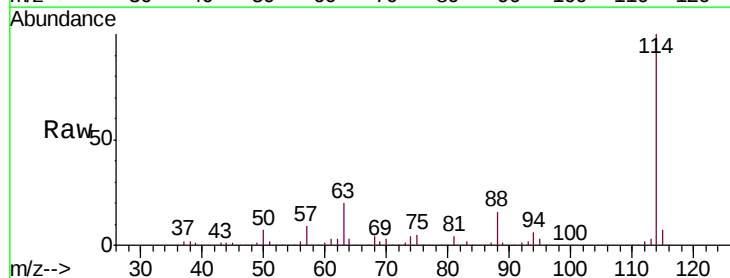
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A1-(0)

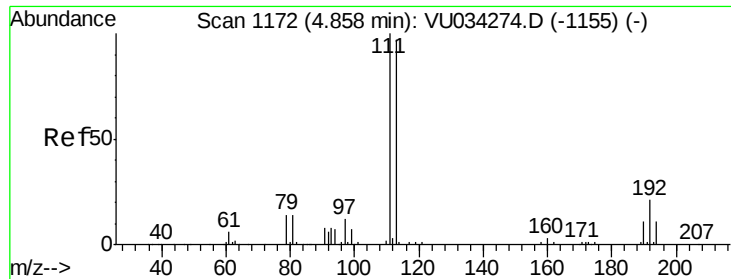
Tgt Ion: 65 Resp: 279577
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Tgt Ion: 114 Resp: 693840
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.6 0.0 32.4

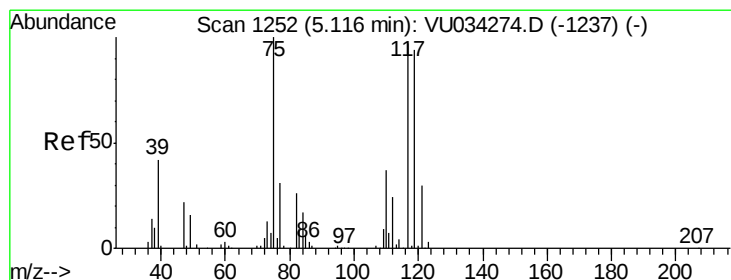
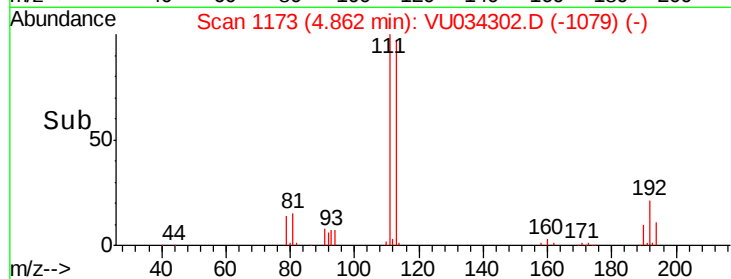
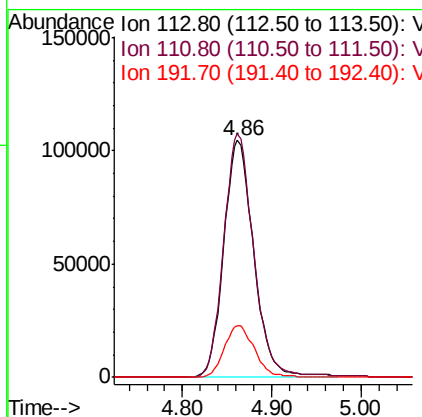
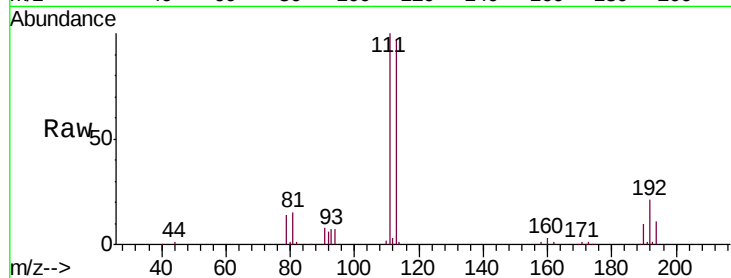




#35
 Dibromofluoromethane
 Concen: 37.874 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

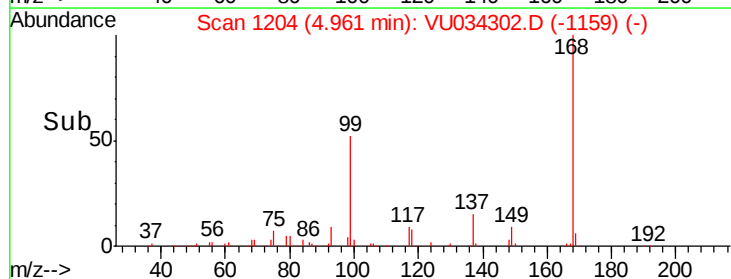
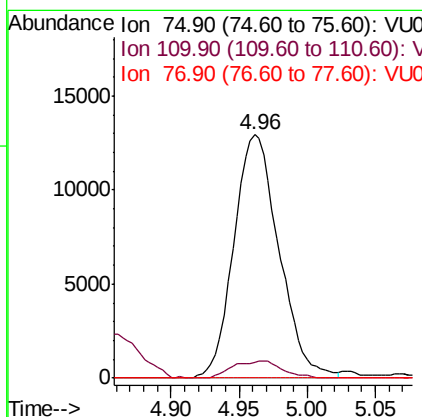
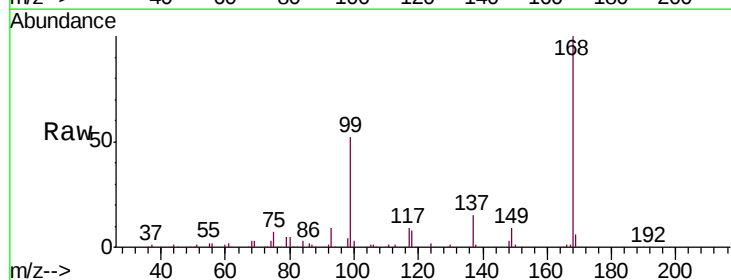
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A1-(0)

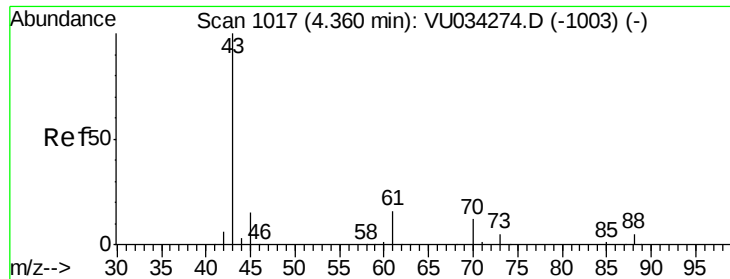
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	22.0	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 3.953 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.3	54.9#
77	0.0	24.9	37.3#

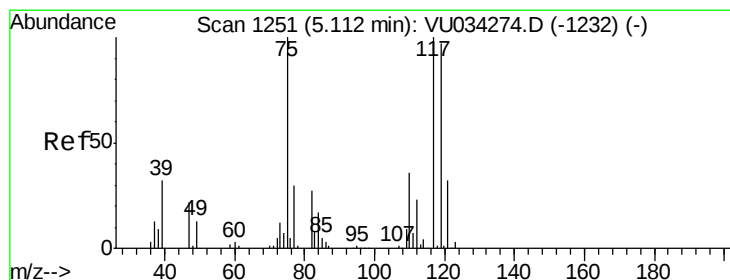
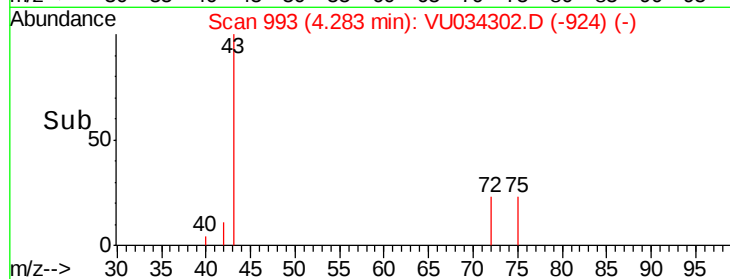
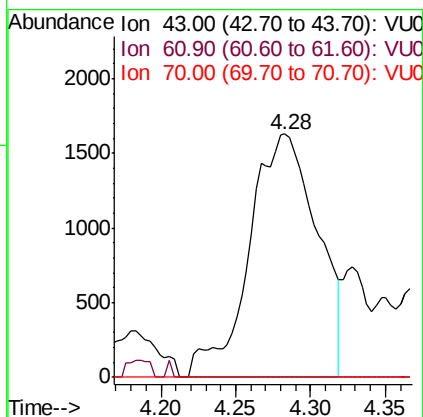
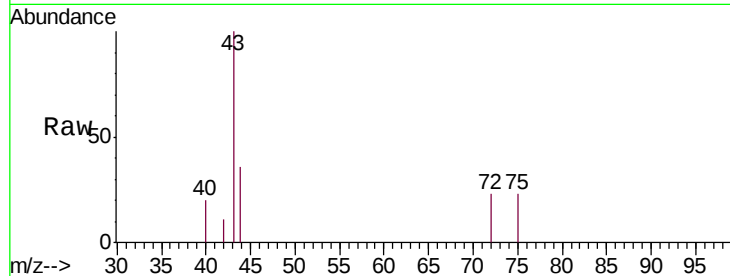




#37
Ethyl Acetate
Concen: 0.580 ug/l
RT: 4.28 min Scan# 993
Delta R.T. -0.08 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

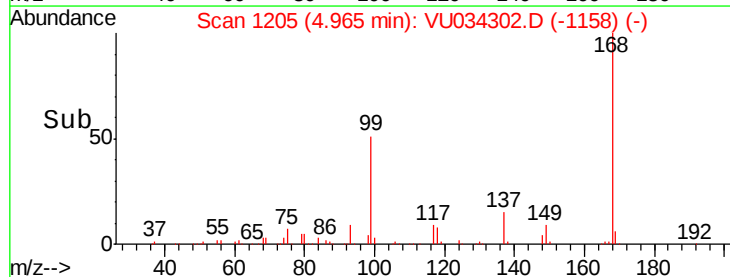
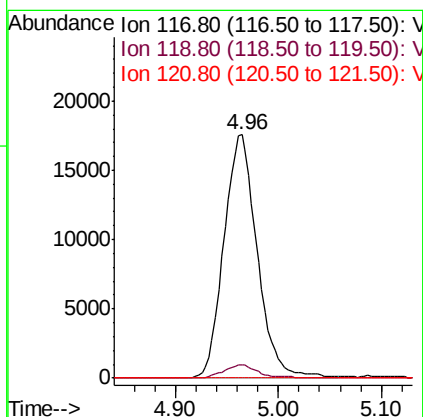
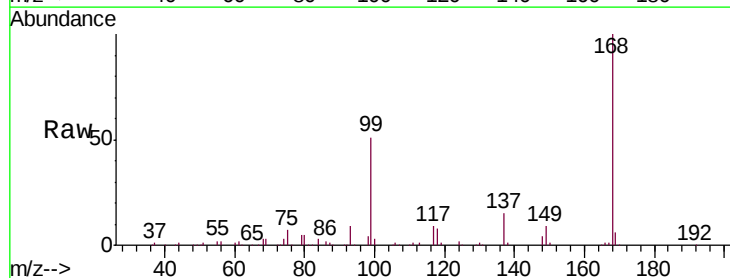
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

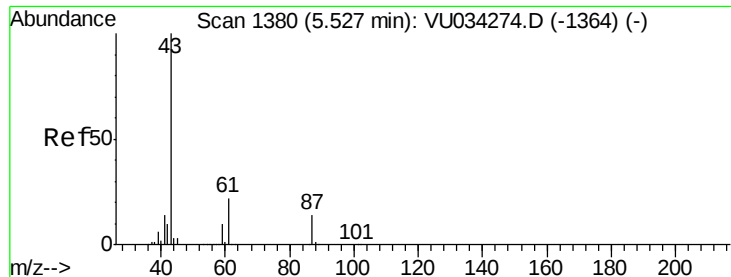
Tgt Ion: 43 Resp: 5163
Ion Ratio Lower Upper
43 100
61 0.0 12.3 18.5#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 4.923 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Tgt Ion: 117 Resp: 39555
Ion Ratio Lower Upper
117 100
119 5.6 77.8 116.6#
121 0.0 25.2 37.8#





#43

Isopropyl Acetate

Concen: 6.845 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A1-(0)

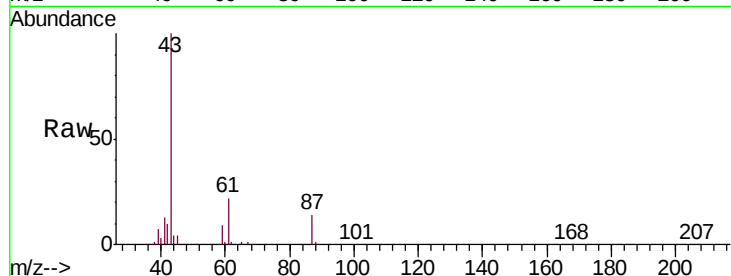
Tgt Ion: 43 Resp: 94999

Ion Ratio Lower Upper

43 100

61 20.8 17.1 25.7

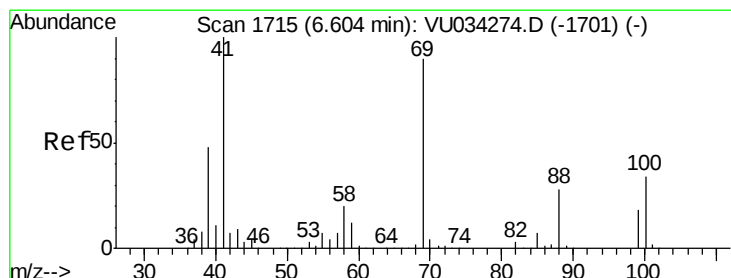
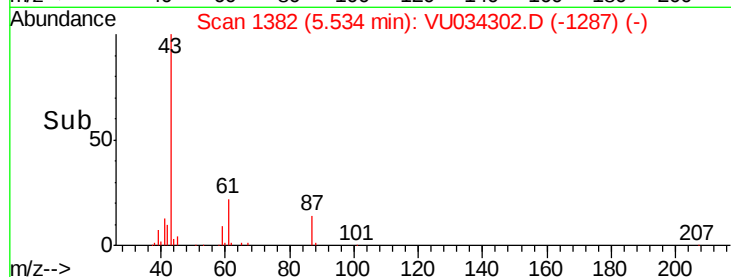
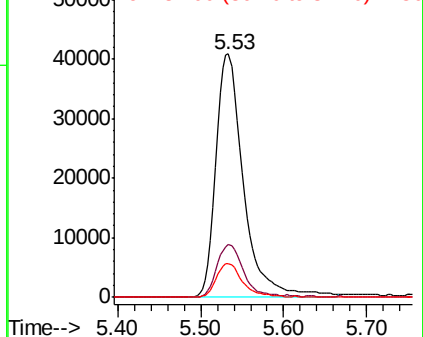
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-1364) (-)

Ion 61.00 (60.70 to 61.70): VU034274.D (-1364) (-)

Ion 87.00 (86.70 to 87.70): VU034274.D (-1364) (-)



#48

Methyl methacrylate

Concen: 0.843 ug/l

RT: 6.53 min Scan# 1692

Delta R.T. -0.07 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

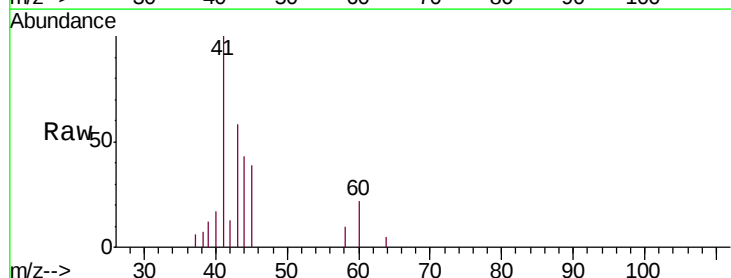
Tgt Ion: 41 Resp: 5559

Ion Ratio Lower Upper

41 100

69 0.0 72.8 109.2#

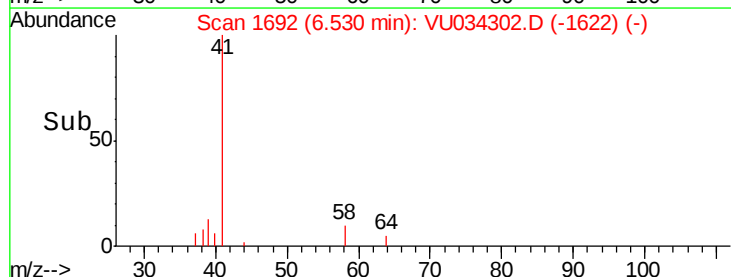
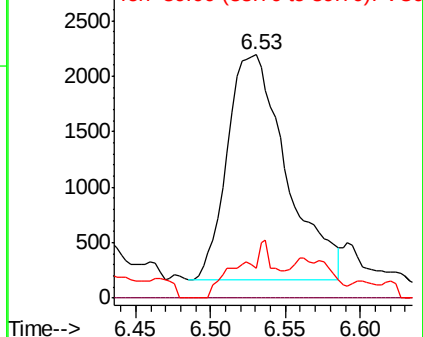
39 0.0 38.6 58.0#

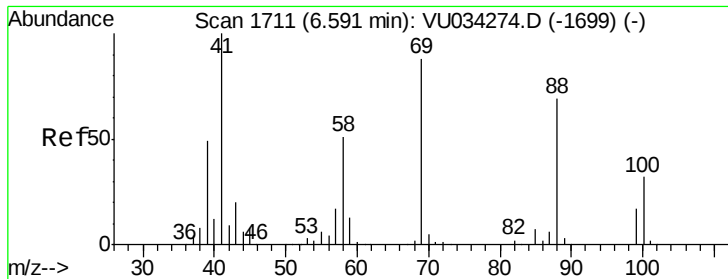


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-1701) (-)

Ion 69.00 (68.70 to 69.70): VU034274.D (-1701) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-1701) (-)

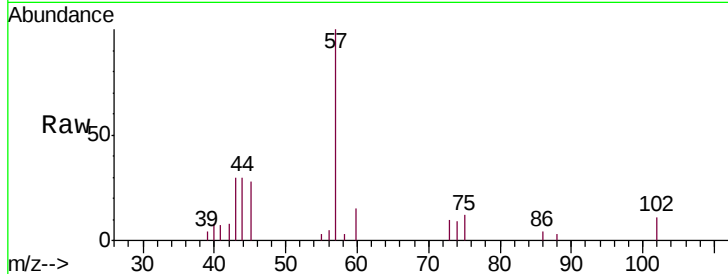




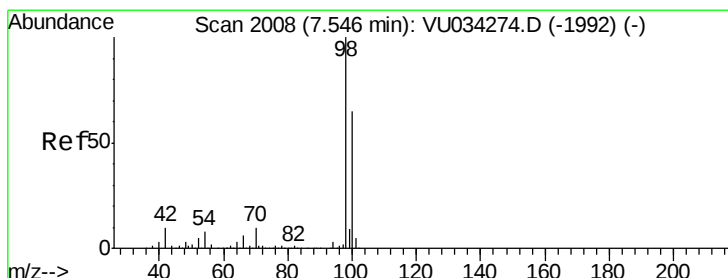
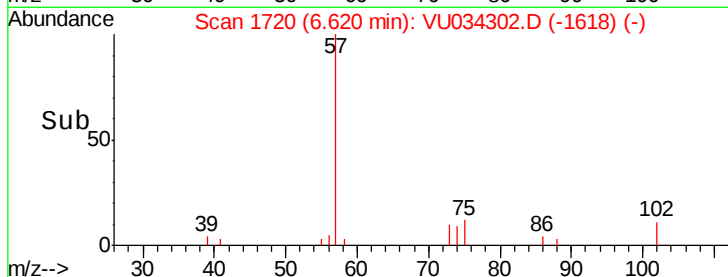
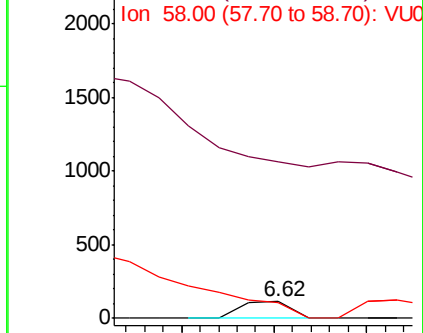
#49
 1,4-Dioxane
 Concen: 0.299 ug/l
 RT: 6.62 min Scan# 1720
 Delta R.T. 0.03 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A1-(0)

Tgt Ion: 88 Resp: 43
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.8 35.6#
 58 0.0 58.4 87.6#

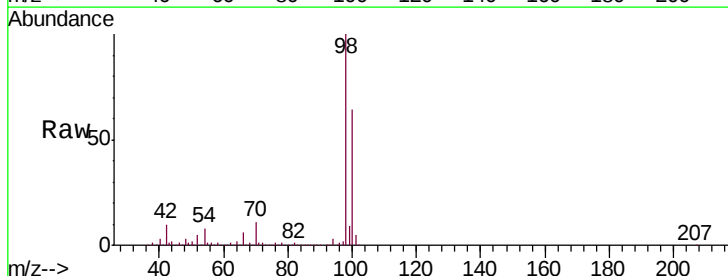


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

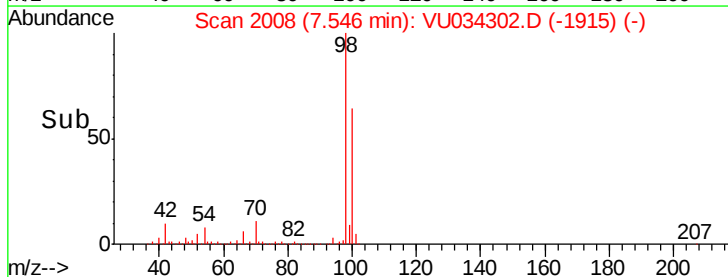
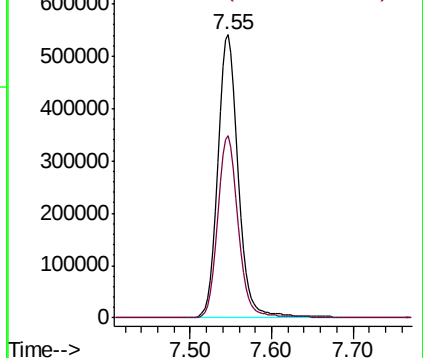


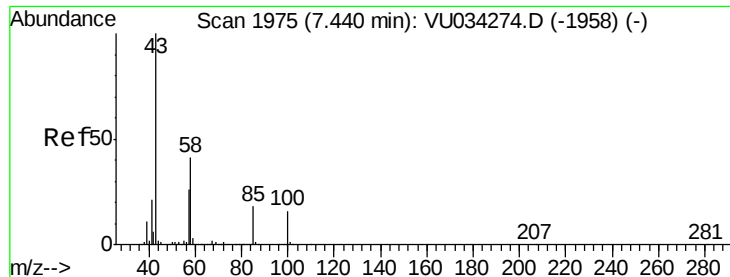
#50
 Toluene-d8
 Concen: 39.860 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Tgt Ion: 98 Resp: 966844
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 7.843 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

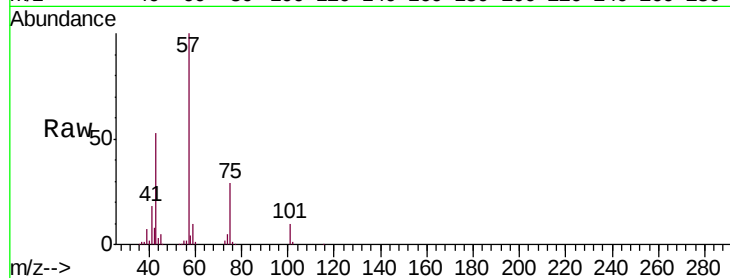
PAR-12-A1-(0)

Tgt Ion: 43 Resp: 75345

Ion Ratio Lower Upper

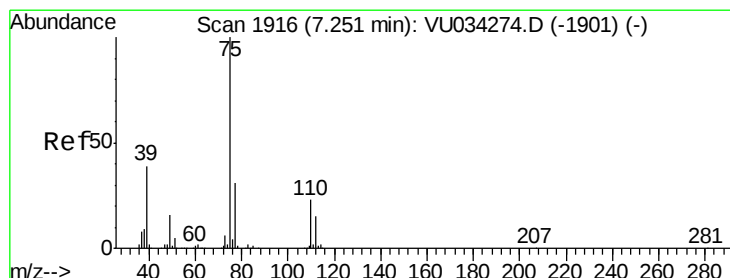
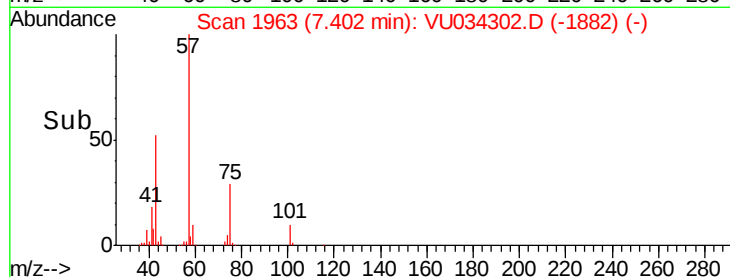
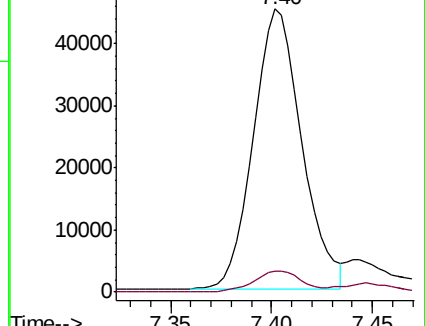
43 100

58 7.3 33.0 49.4#



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

Ion 58.00 (57.70 to 58.70): VU034274.D (-1958) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.004 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034302.D

Acq: 05 Sep 2019 22:31

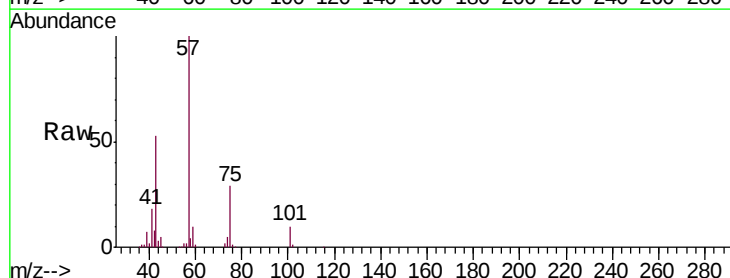
Tgt Ion: 75 Resp: 41779

Ion Ratio Lower Upper

75 100

77 1.0 25.1 37.7#

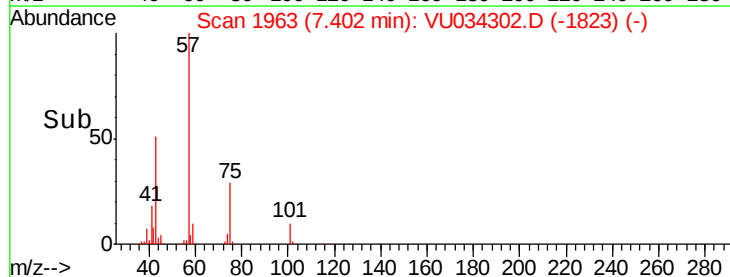
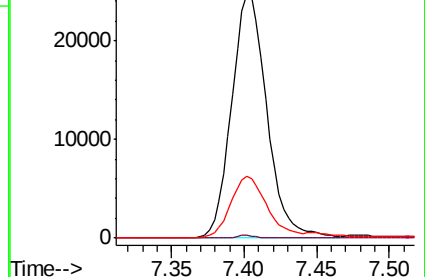
39 25.5 31.2 46.8#

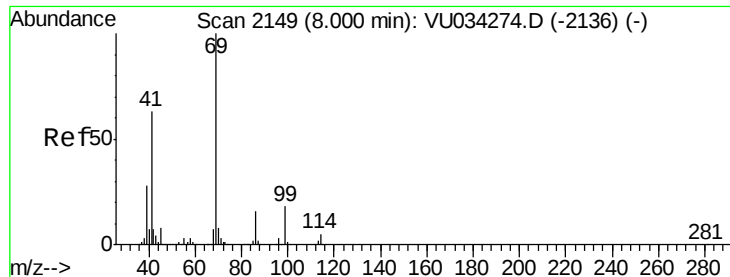


Abundance Ion 74.90 (74.60 to 75.60): VU034274.D (-1901) (-)

Ion 76.90 (76.60 to 77.60): VU034274.D (-1901) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-1901) (-)

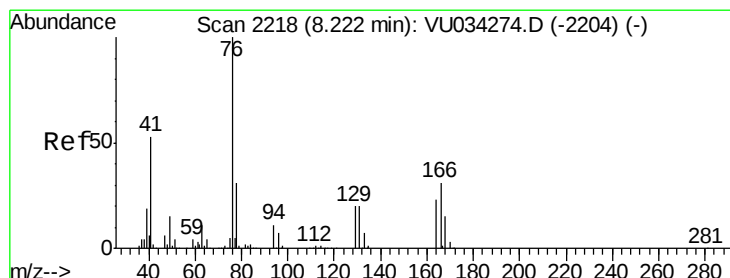
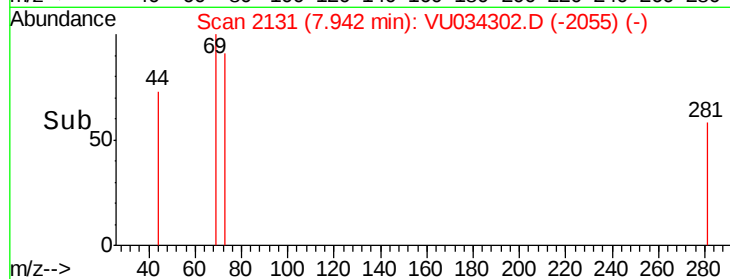
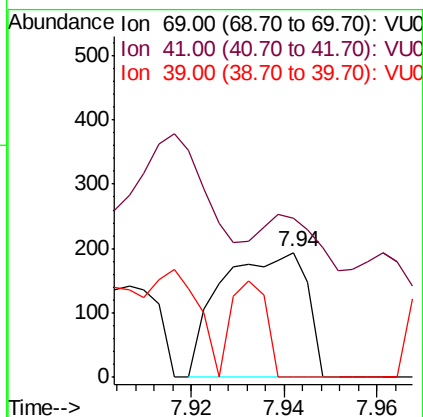
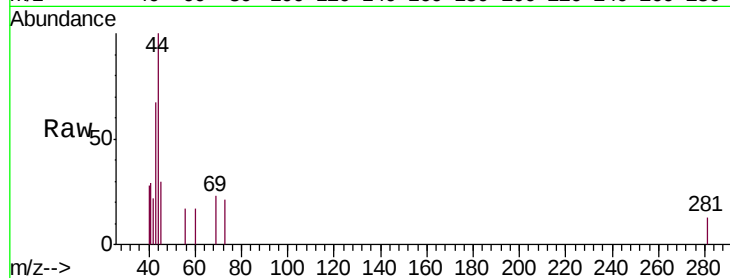




#56
Ethyl methacrylate
Concen: 3.099 ug/l
RT: 7.94 min Scan# 2131
Delta R.T. -0.06 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

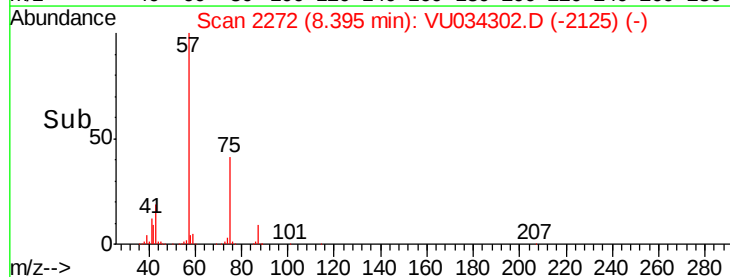
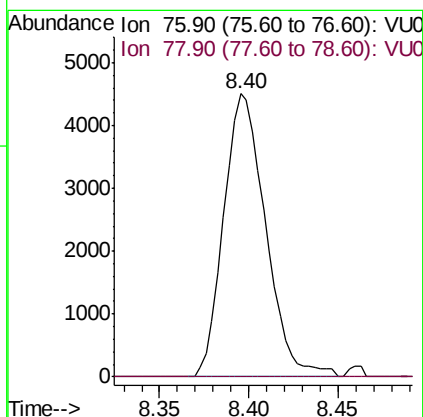
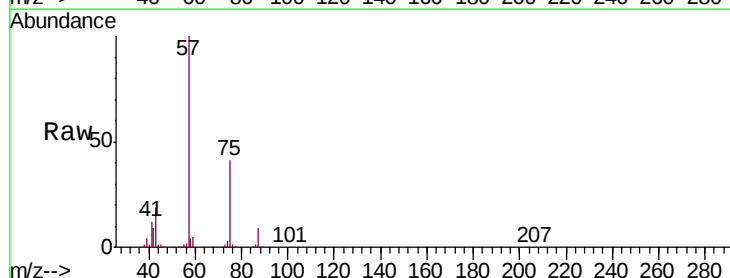
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

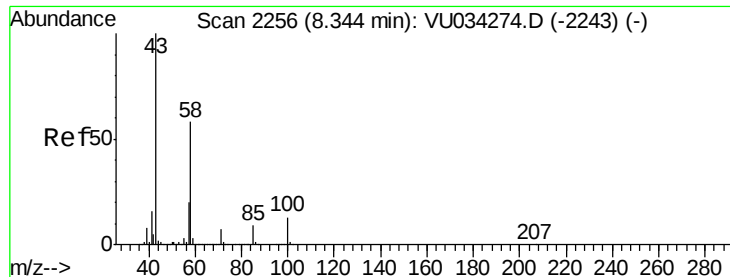
Tgt Ion: 69 Resp: 250
Ion Ratio Lower Upper
69 100
41 0.0 49.5 74.3#
39 0.0 22.5 33.7#



#57
1,3-Dichloropropane
Concen: 0.654 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.17 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Tgt Ion: 76 Resp: 7365
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#

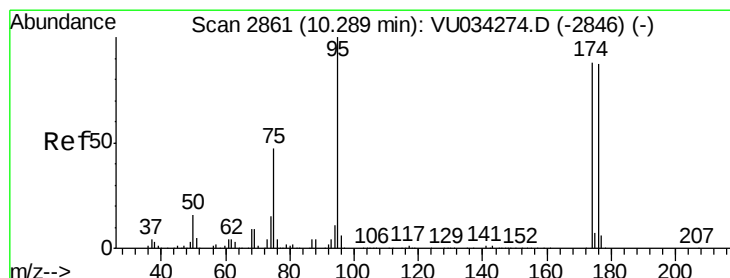
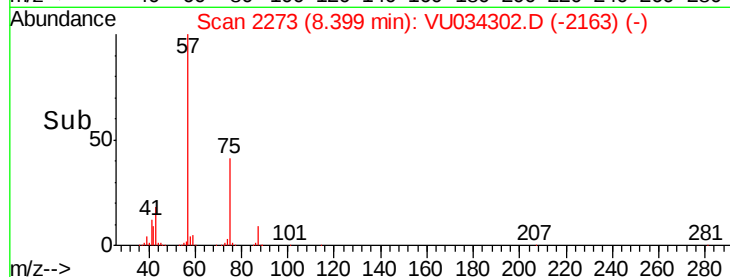
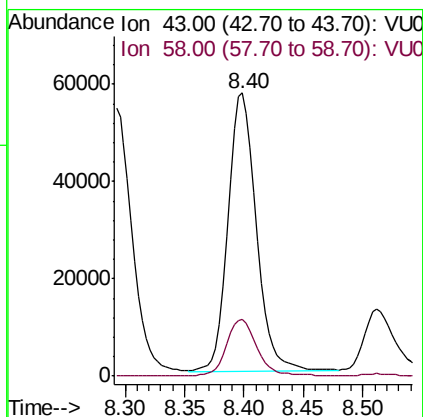
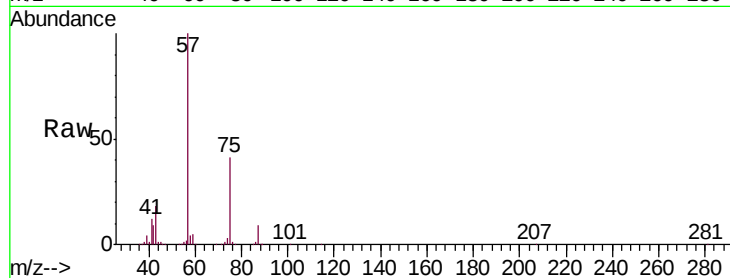




#59
2-Hexanone
Concen: 13.102 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

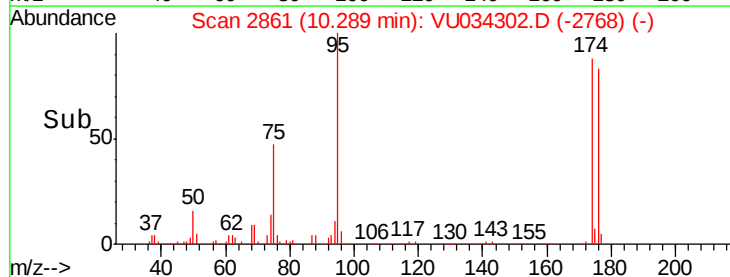
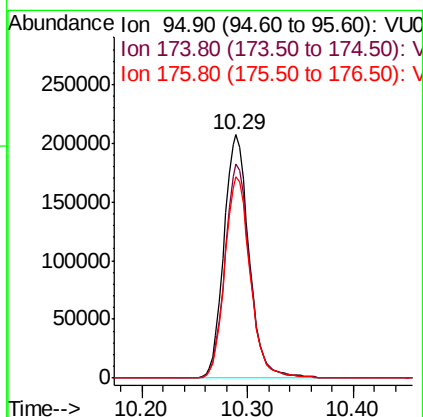
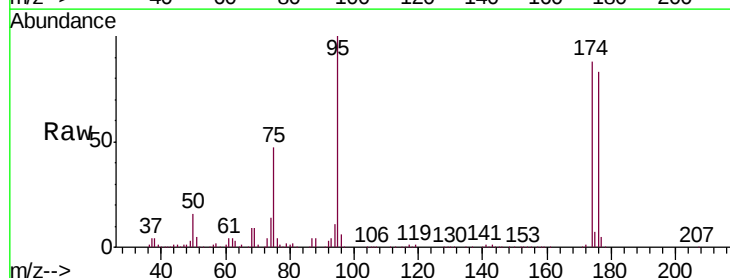
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

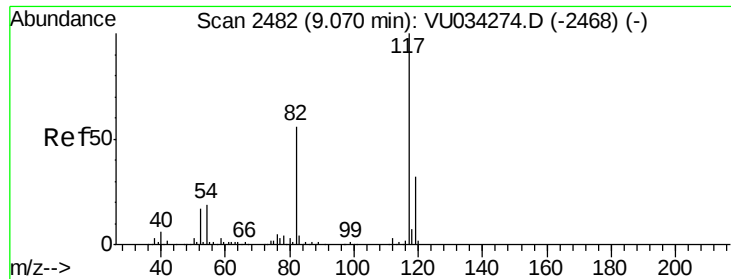
Tgt Ion: 43 Resp: 94031
Ion Ratio Lower Upper
43 100
58 22.4 28.8 86.5#



#62
4-Bromofluorobenzene
Concen: 36.586 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Tgt Ion: 95 Resp: 342629
Ion Ratio Lower Upper
95 100
174 87.5 0.0 175.2
176 83.7 0.0 168.0

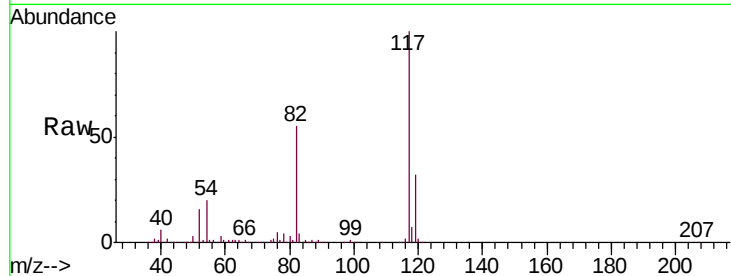




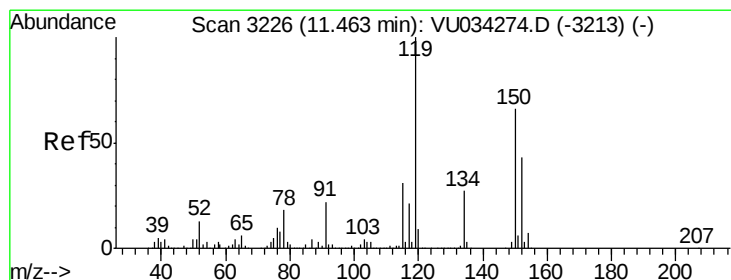
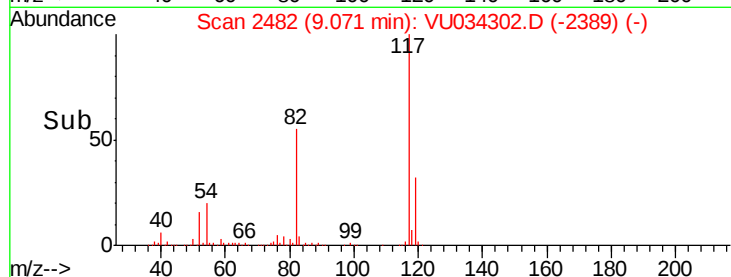
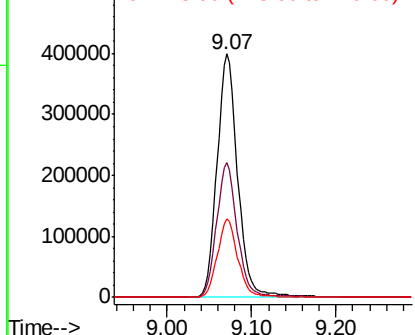
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A1-(0)

Tgt Ion:117 Resp: 681730
 Ion Ratio Lower Upper
 117 100
 82 55.3 44.6 67.0
 119 32.2 25.9 38.9

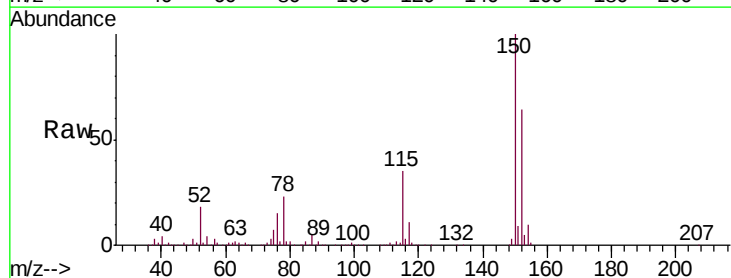


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

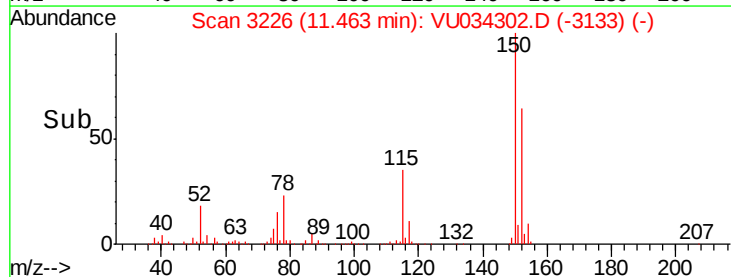
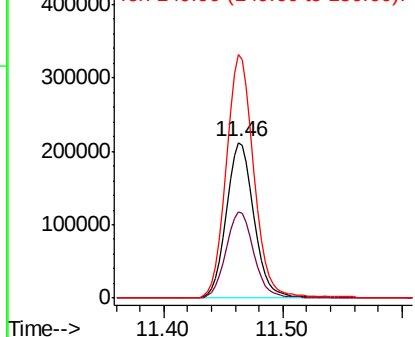


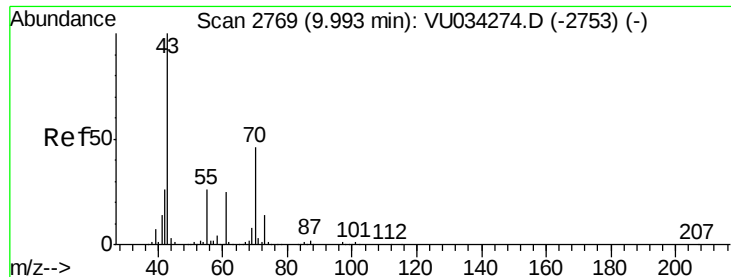
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Tgt Ion:152 Resp: 341791
 Ion Ratio Lower Upper
 152 100
 115 56.2 39.1 117.3
 150 156.8 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

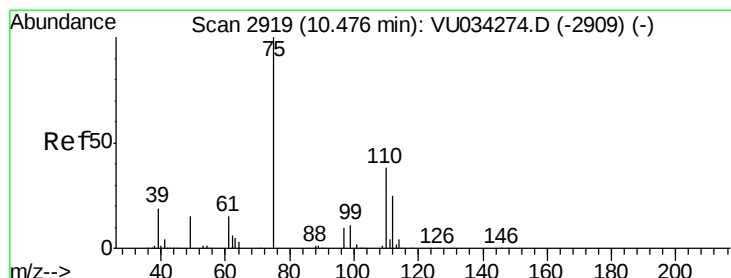
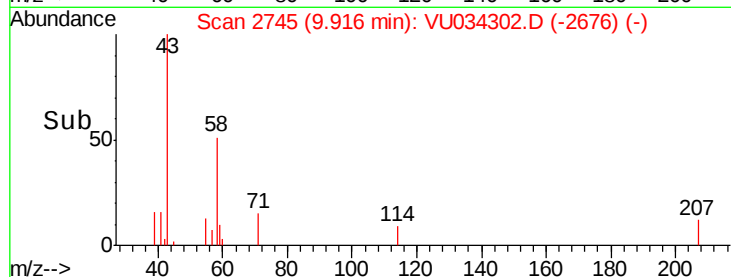
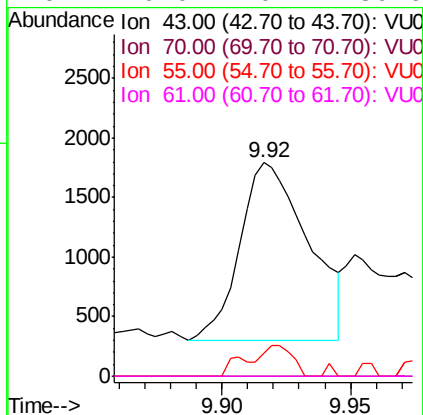
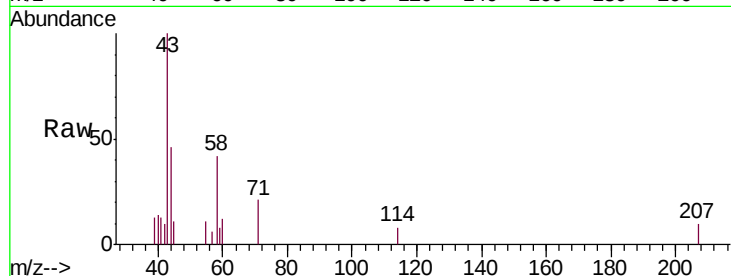




#74
N-ethyl acetate
Concen: 0.306 ug/l
RT: 9.92 min Scan# 2745
Delta R.T. -0.08 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

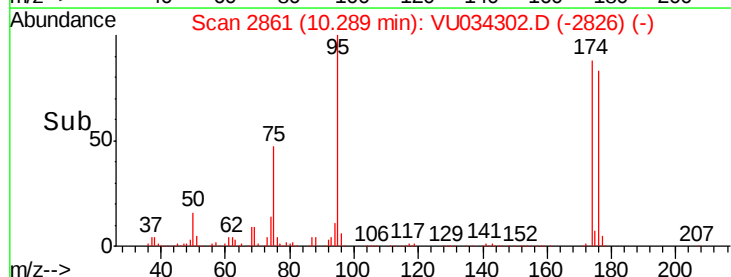
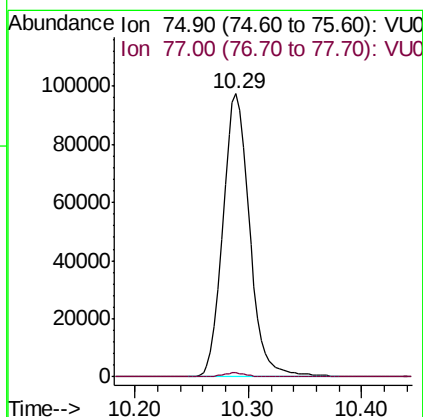
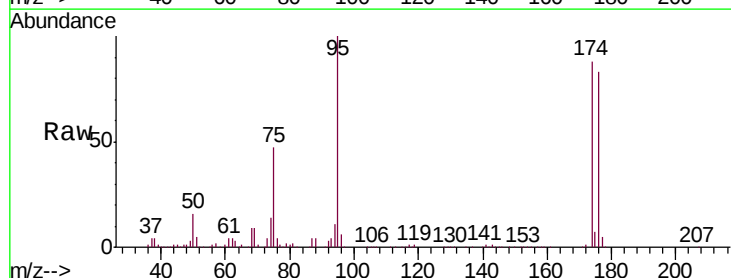
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

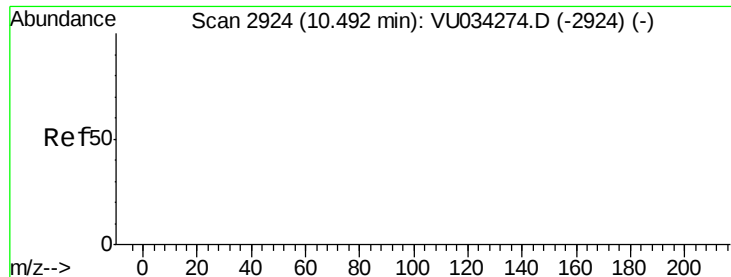
Tgt Ion:	43	Resp:	2742
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.4	54.6#
55	7.3	21.2	31.8#
61	0.0	20.4	30.6#



#76
1,2,3-Trichloropropane
Concen: 21.524 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Tgt Ion:	75	Resp:	160587
Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#

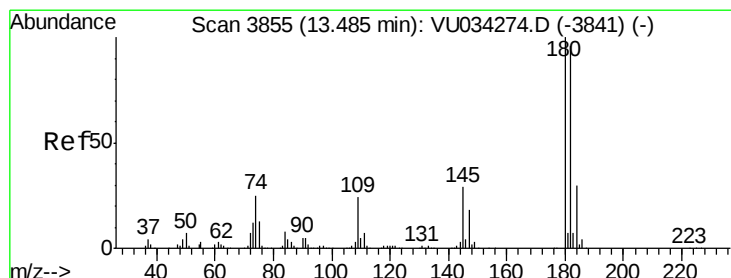
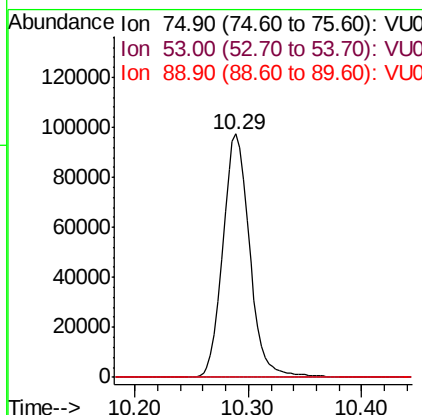
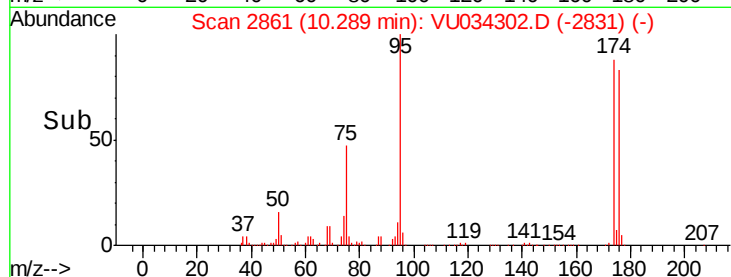
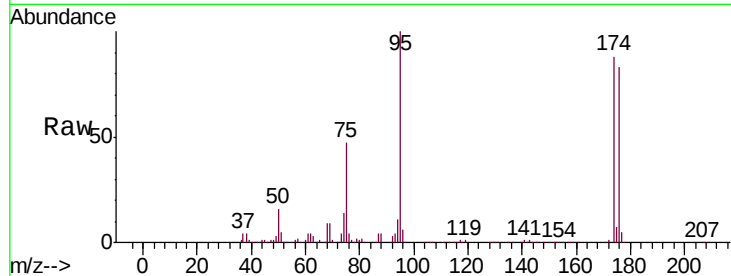




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.385 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.20 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

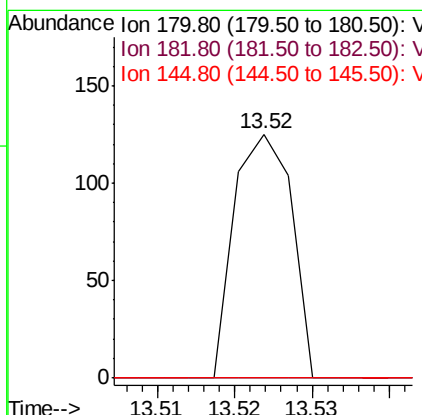
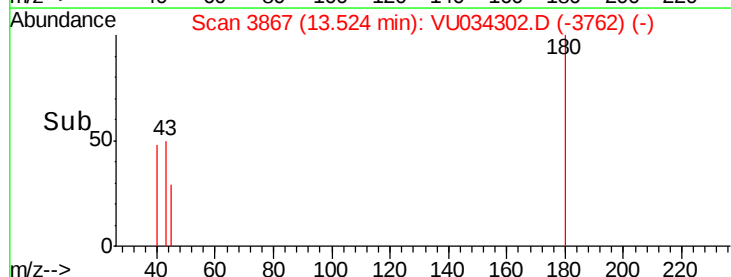
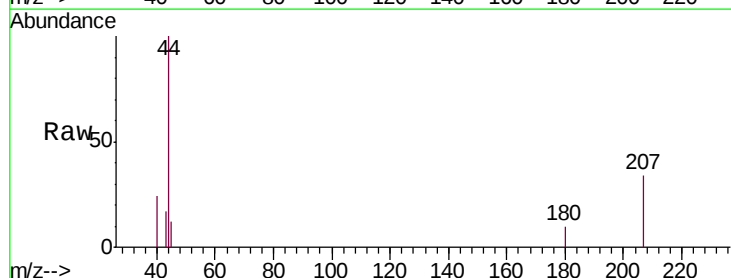
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A1-(0)

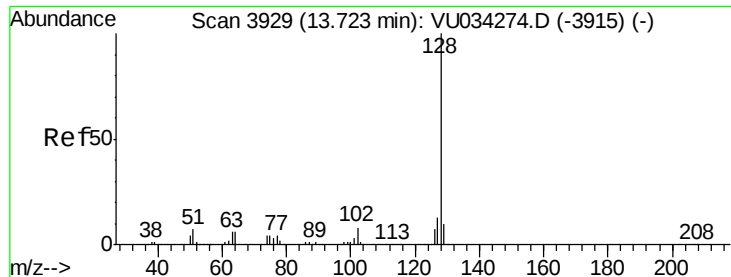
Tgt Ion: 75 Resp: 160587
 Ion Ratio Lower Upper
 75 100
 53 0.1 0.0 0.0#
 89 0.0 0.0 0.0



#93
 1,2,4-Trichlorobenzene
 Concen: 3.459 ug/l
 RT: 13.52 min Scan# 3867
 Delta R.T. 0.04 min
 Lab File: VU034302.D
 Acq: 05 Sep 2019 22:31

Tgt Ion: 180 Resp: 65
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.4 43.0#

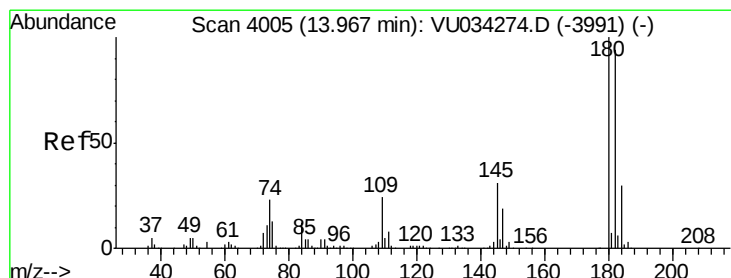
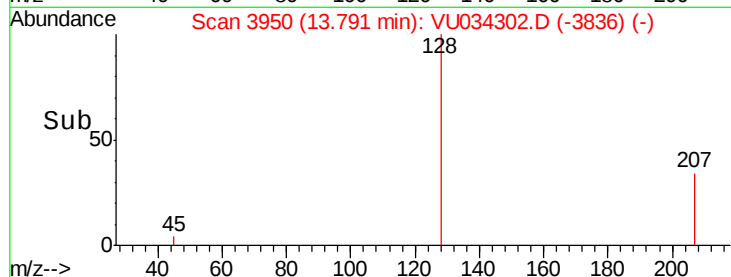
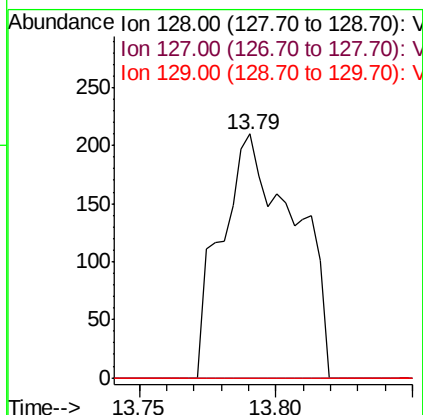
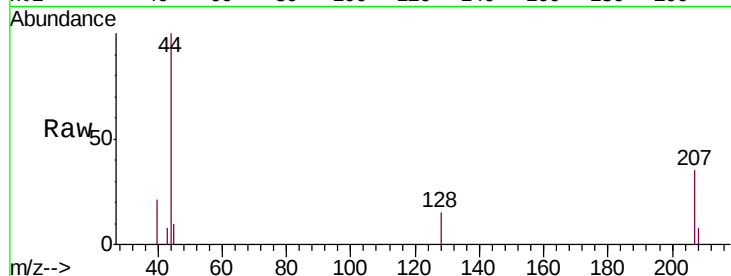




#95
Naphthalene
Concen: 3.982 ug/l
RT: 13.79 min Scan# 3950
Delta R.T. 0.07 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A1-(0)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.4	12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.641 ug/l
RT: 14.00 min Scan# 4014
Delta R.T. 0.03 min
Lab File: VU034302.D
Acq: 05 Sep 2019 22:31

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

