

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034448.D
 Acq On : 10 Sep 2019 14:02
 Operator : JC/SP
 Sample : K4602-34
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D1-(0)

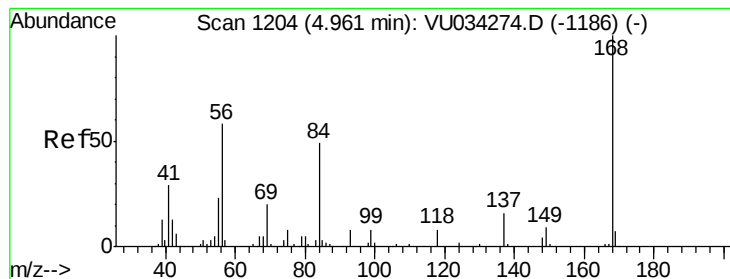
Quant Time: Sep 11 05:54:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	232562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	366197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	378887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	207723	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	199502	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
35) Dibromofluoromethane	4.86	113	177881	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	7.55	98	645193	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	10.29	95	215325	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	552	Below Cal	#	79
6) Chloroethane	1.69	64	111	Below Cal	#	43
8) Diethyl Ether	2.10	74	1051	0.588	ug/l	97
10) Methyl Iodide	2.41	142	225	3.931	ug/l #	66
11) Tert butyl alcohol	2.82	59	4573	6.152	ug/l #	73
16) Acetone	2.31	43	12220	6.711	ug/l	97
18) Methyl Acetate	2.61	43	3452	0.779	ug/l #	89
20) Methylene Chloride	2.69	84	11303	3.417	ug/l	97
31) Cyclohexane	4.96	56	3768	0.914	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	15729	3.961	ug/l #	49
38) Carbon Tetrachloride	4.96	117	20968	4.945	ug/l #	16
43) Isopropyl Acetate	5.53	43	56215	7.674	ug/l	99
45) 1,2-Dichloropropane	6.68	63	1221	0.326	ug/l #	44
48) Methyl methacrylate	6.68	41	89925	25.848	ug/l #	36
49) 1,4-Dioxane	6.68	88	19	0.250	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	49665	9.795	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	27609	5.013	ug/l #	62
56) Ethyl methacrylate	7.97	69	189	3.109	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	4501	0.757	ug/l #	43
59) 2-Hexanone	8.40	43	59588	15.732	ug/l #	53
74) N-amyl acetate	9.92	43	1458	0.268	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	103510	22.829	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	103510	76.771	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.54	180	43	3.460	ug/l #	12
95) Naphthalene	13.78	128	381	3.991	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.00	180	54	2.649	ug/l #	72

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

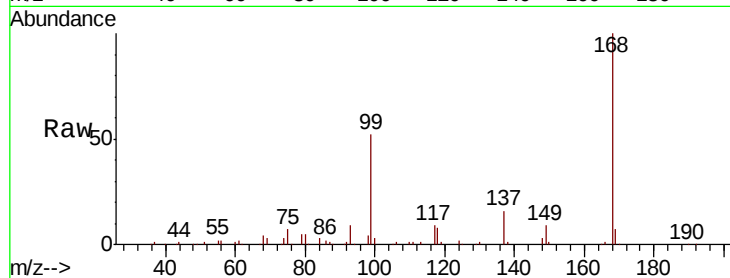
PAR-D1-(0)

Tgt Ion:168 Resp: 232562

Ion Ratio Lower Upper

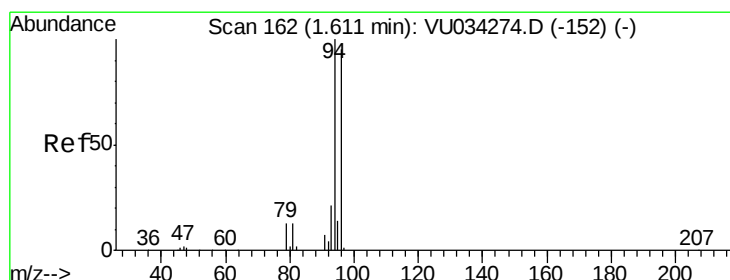
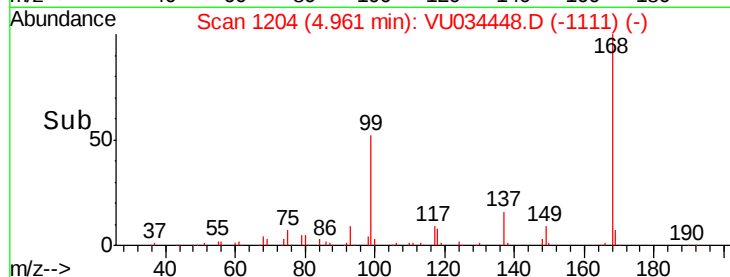
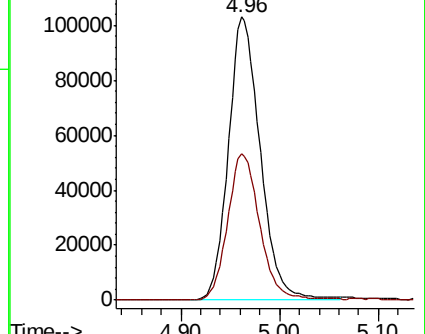
168 100

99 51.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034448.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034448.D (-1111) (-)



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.02 min

Lab File: VU034448.D

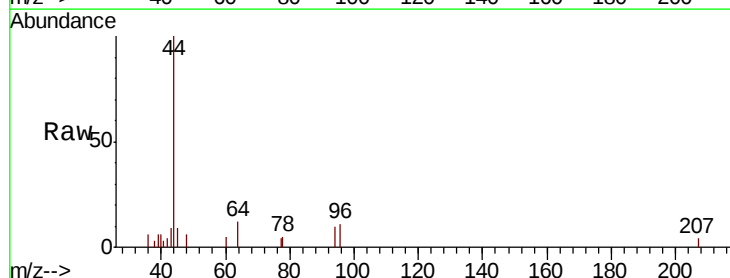
Acq: 10 Sep 2019 14:02

Tgt Ion: 94 Resp: 552

Ion Ratio Lower Upper

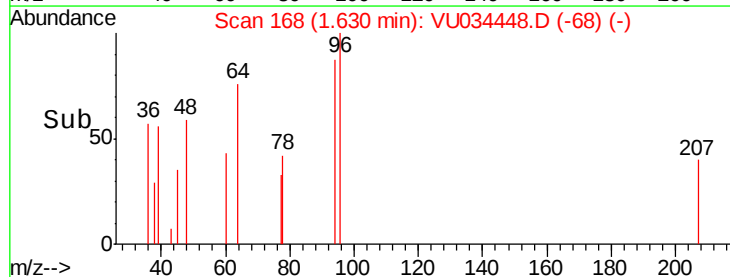
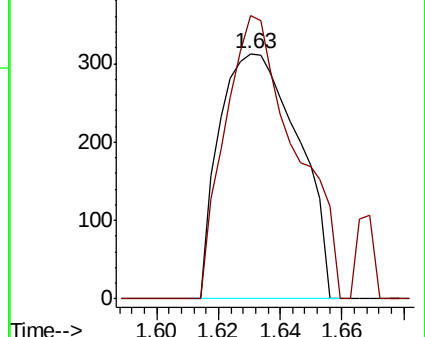
94 100

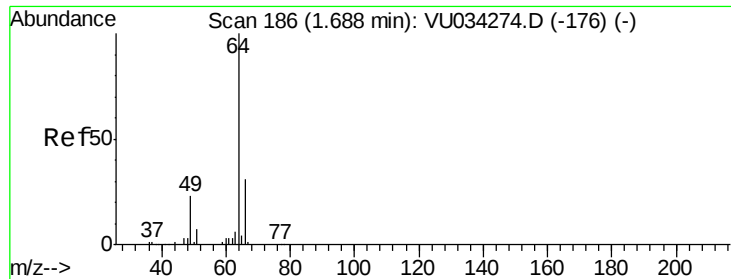
96 115.3 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034448.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034448.D (-68) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

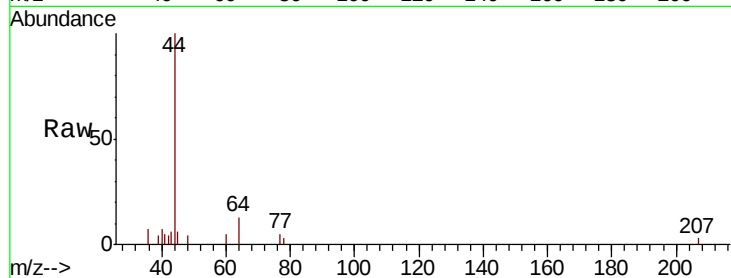
PAR-D1-(0)

Tgt Ion: 64 Resp: 111

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

500

400

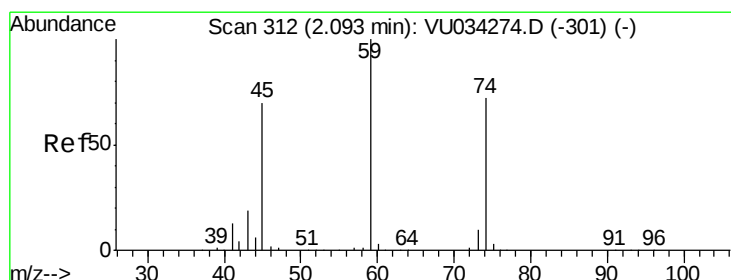
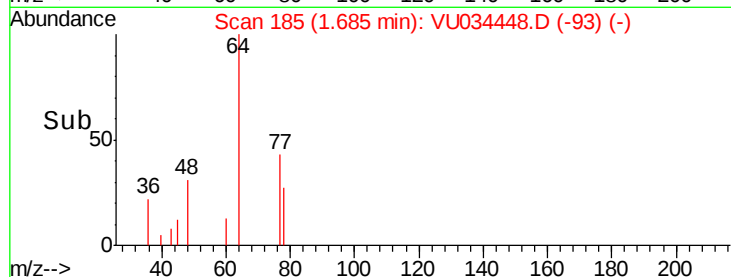
300

200

100

0

Time--> 1.66 1.67 1.68 1.69 1.70



#8

Diethyl Ether

Concen: 0.588 ug/l

RT: 2.10 min Scan# 314

Delta R.T. 0.01 min

Lab File: VU034448.D

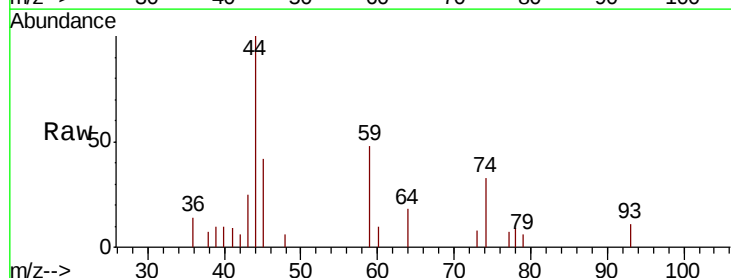
Acq: 10 Sep 2019 14:02

Tgt Ion: 74 Resp: 1051

Ion Ratio Lower Upper

74 100

45 93.1 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

1000

800

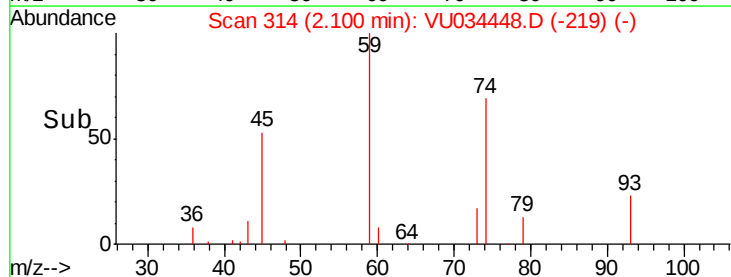
600

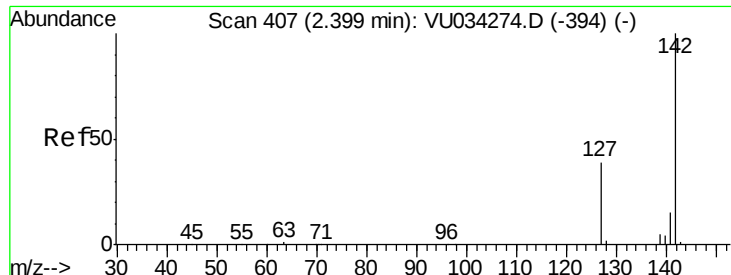
400

200

0

Time--> 2.06 2.08 2.10 2.12 2.14

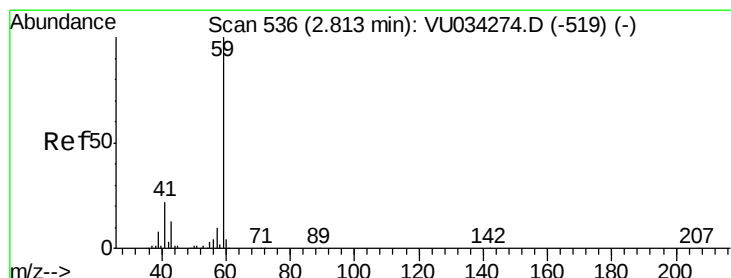
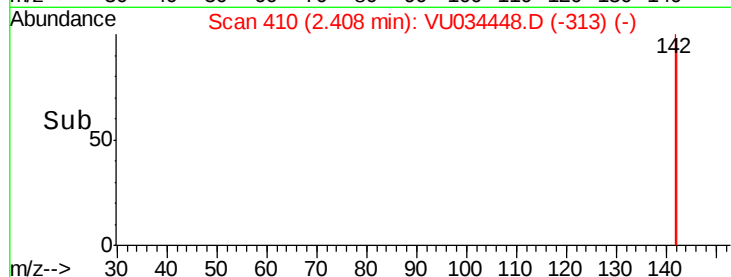
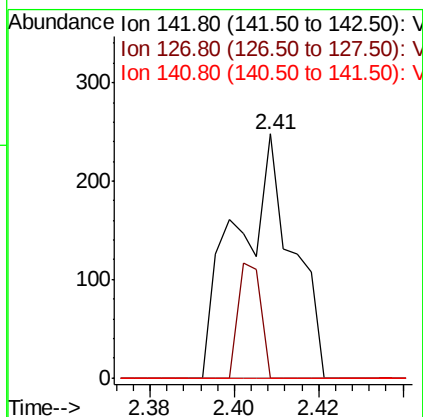
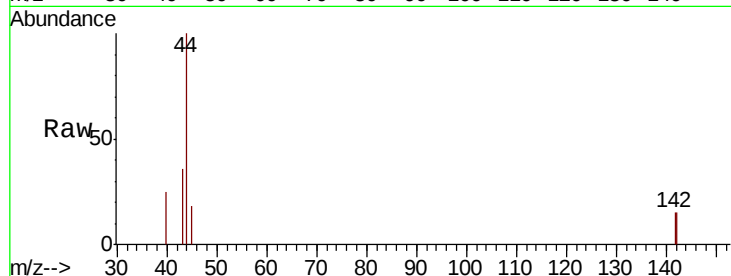




#10
Methyl Iodide
Concen: 3.931 ug/l
RT: 2.41 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

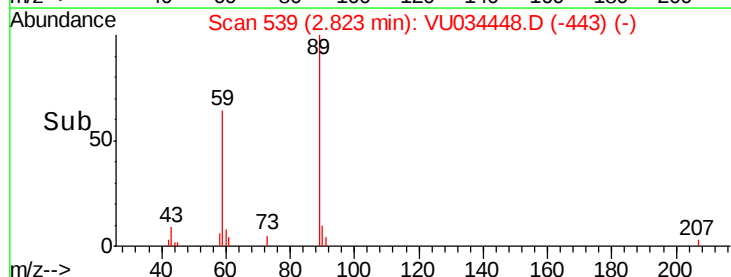
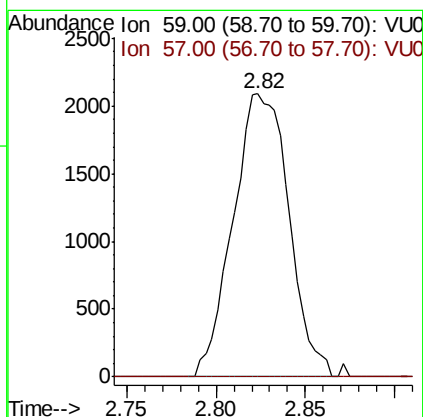
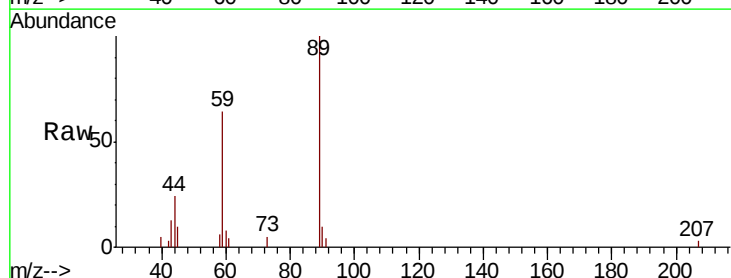
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

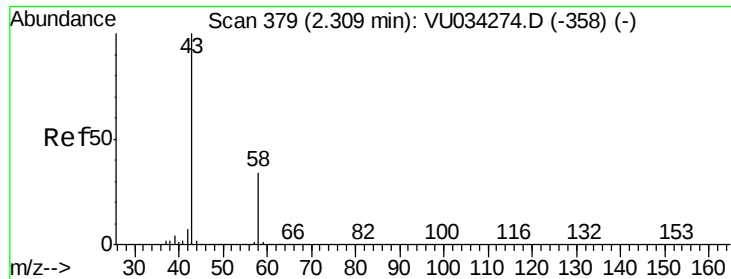
Tgt Ion: 142 Resp: 225
Ion Ratio Lower Upper
142 100
127 19.6 32.1 48.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 6.152 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 59 Resp: 4573
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 6.711 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

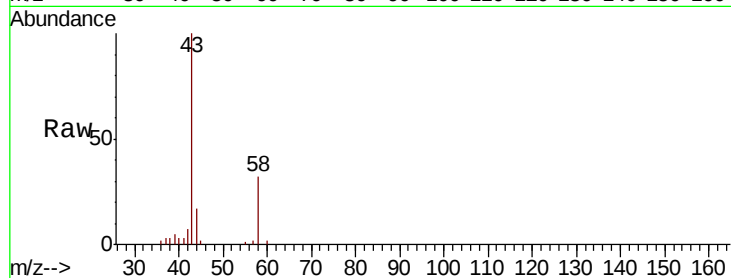
PAR-D1-(0)

Tgt Ion: 43 Resp: 12220

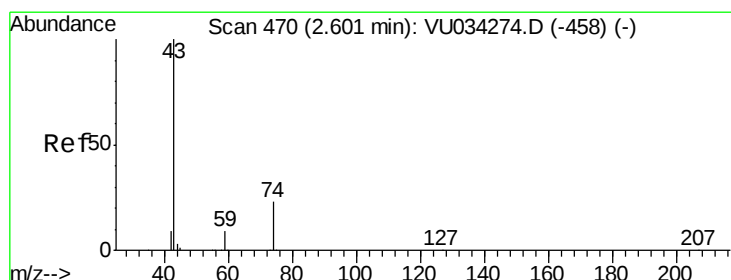
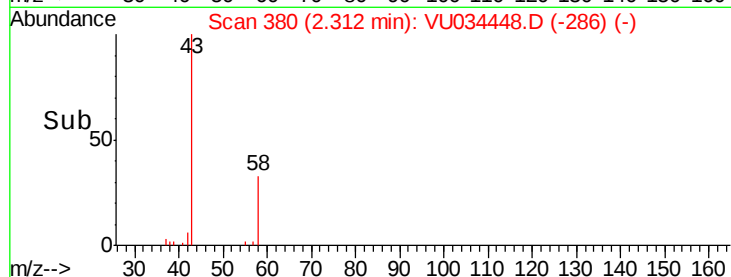
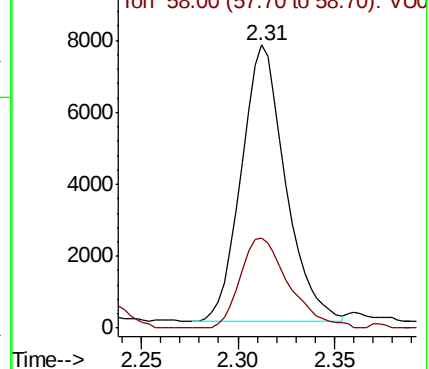
Ion Ratio Lower Upper

43 100

58 32.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034448.D (-380) (-)



#18

Methyl Acetate

Concen: 0.779 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034448.D

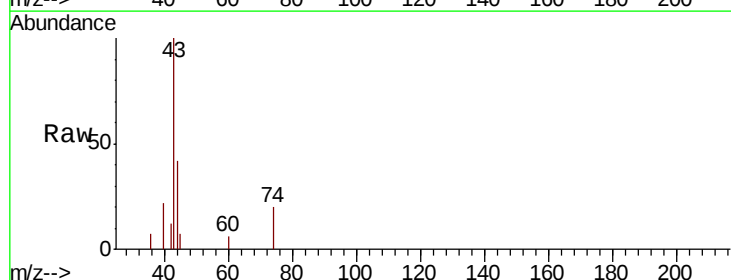
Acq: 10 Sep 2019 14:02

Tgt Ion: 43 Resp: 3452

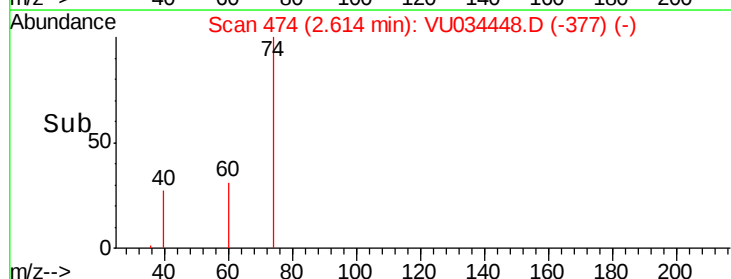
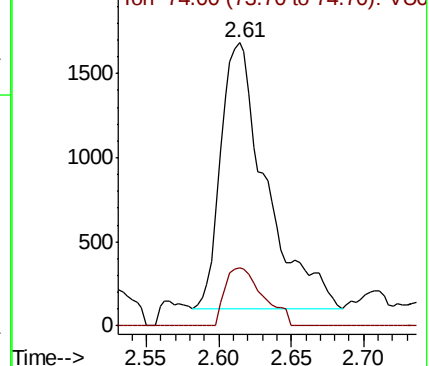
Ion Ratio Lower Upper

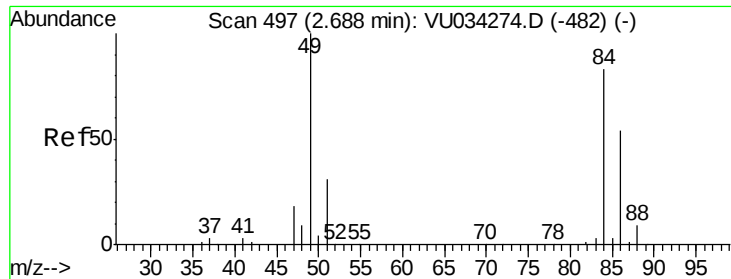
43 100

74 18.3 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VU034448.D (-474) (-)

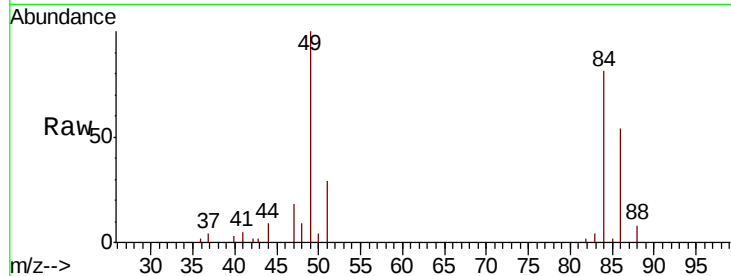




#20
Methylene Chloride
Concen: 3.417 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:	84	Resp:	11303
Ion	Ratio	Lower	Upper
84	100		
49	123.8	96.0	144.0
51	35.5	30.0	45.0
86	67.2	51.4	77.0



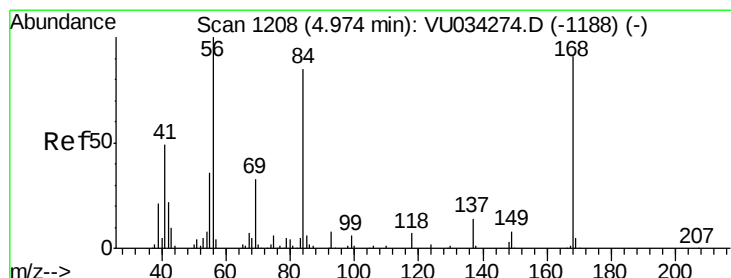
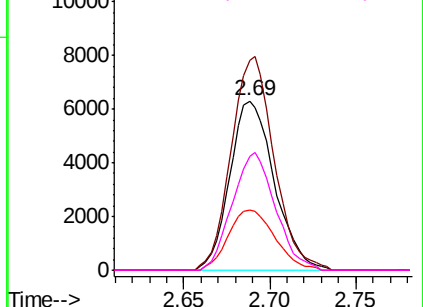
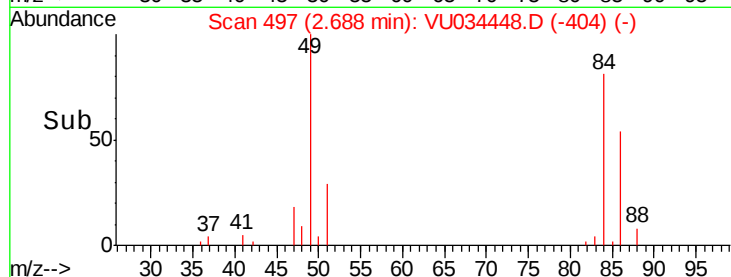
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

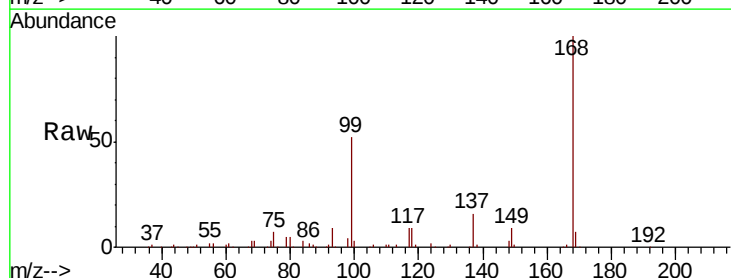
Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#31
Cyclohexane
Concen: 0.914 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:	56	Resp:	3768
Ion	Ratio	Lower	Upper
56	100		
69	203.1	26.7	40.1#
84	158.9	68.2	102.4#

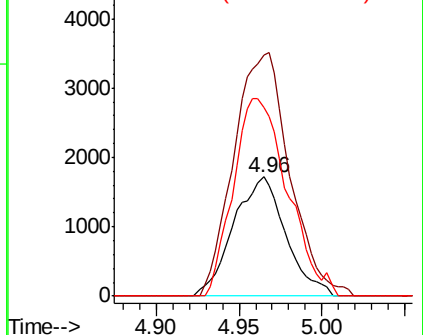
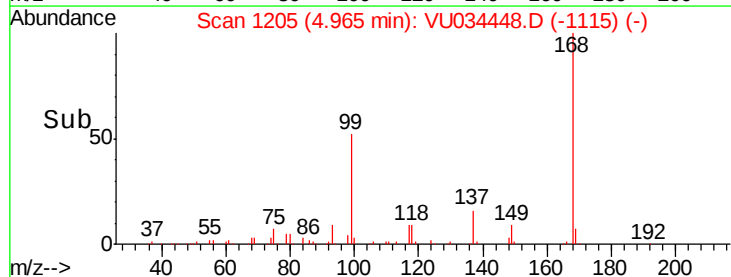


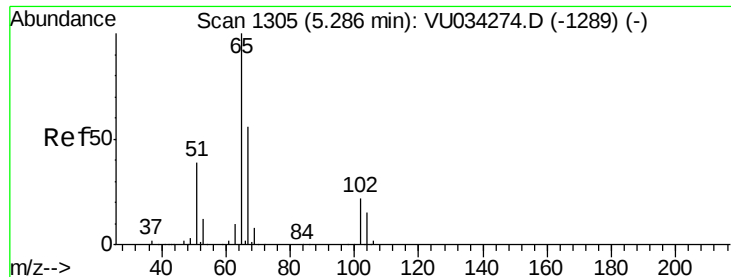
Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 56.697 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

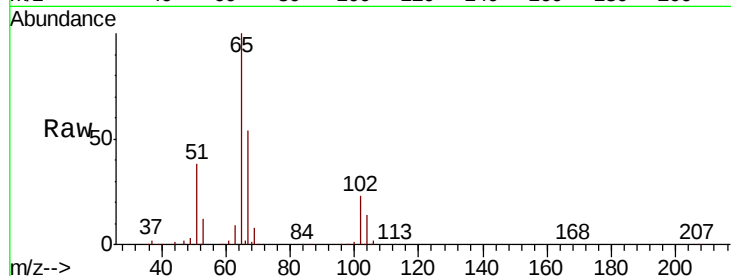
PAR-D1-(0)

Tgt Ion: 65 Resp: 199502

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034448.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034448.D (-1289) (-)

5.29

100000

80000

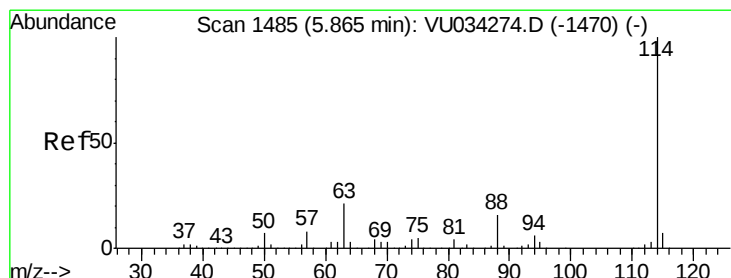
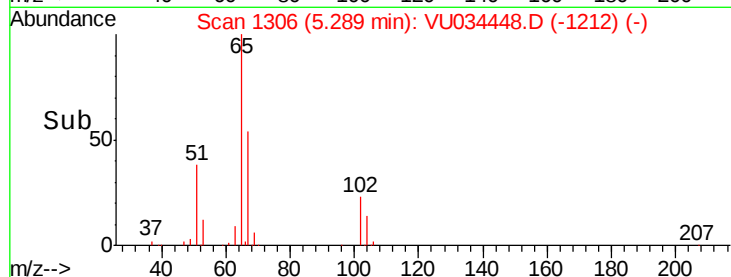
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

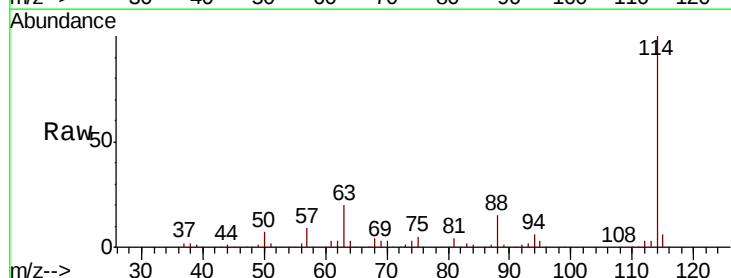
Tgt Ion: 114 Resp: 366197

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU034448.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034448.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034448.D (-1392) (-)

5.87

200000

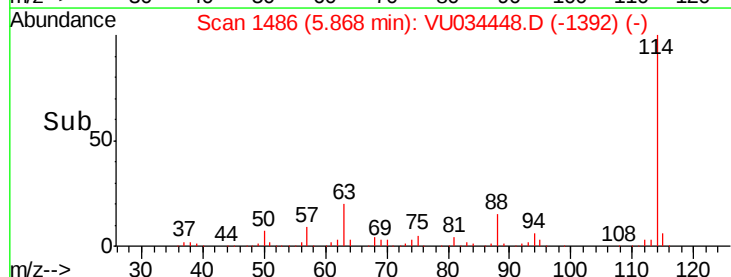
150000

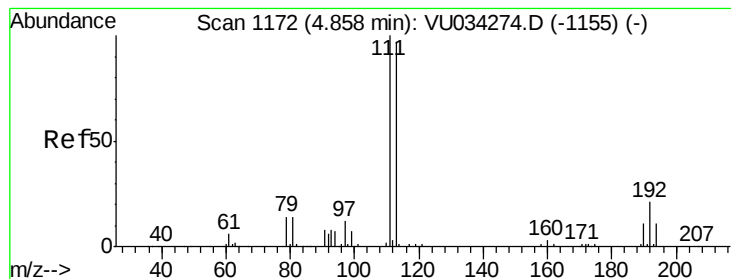
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.203 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

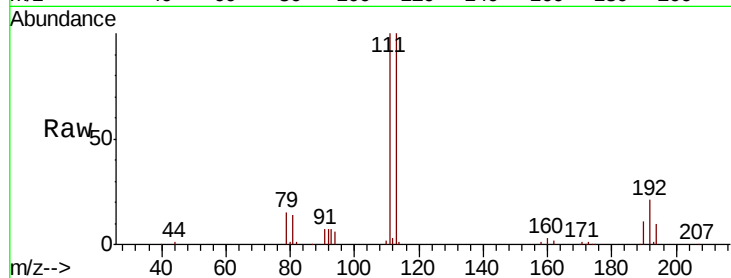
Tgt Ion:113 Resp: 177881

Ion Ratio Lower Upper

113 100

111 99.3 81.5 122.3

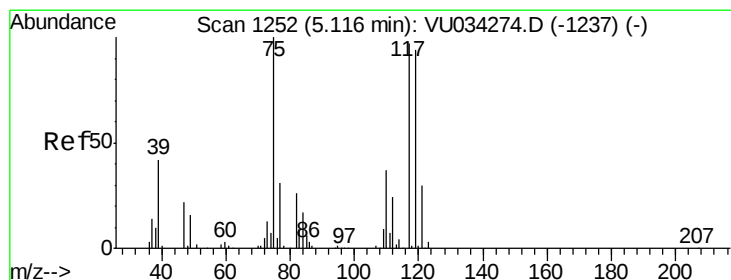
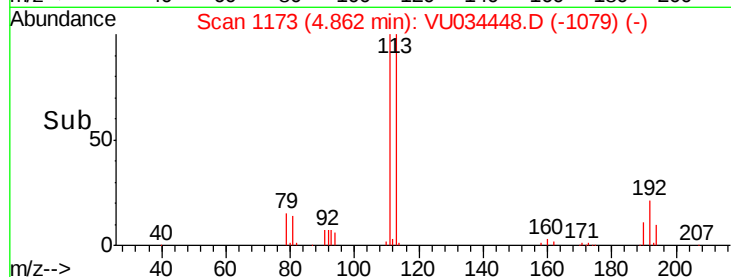
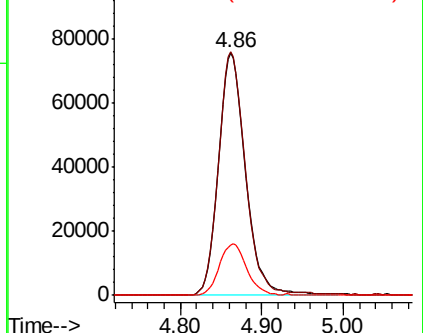
192 21.6 17.8 26.8



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: 3.961 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

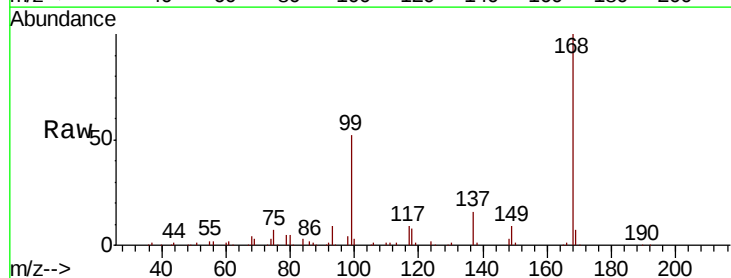
Tgt Ion: 75 Resp: 15729

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.9#

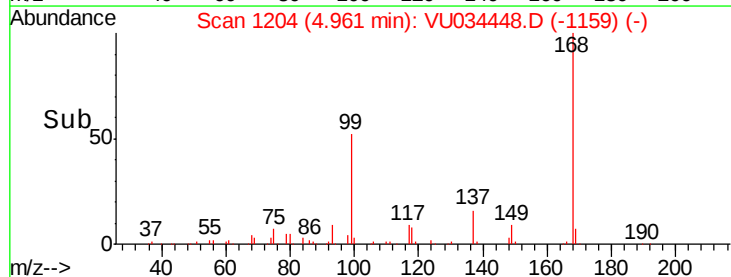
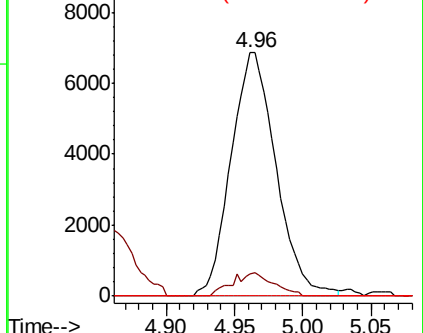
77 0.0 24.9 37.3#

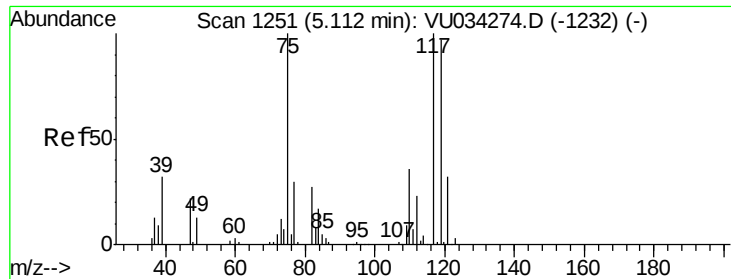


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

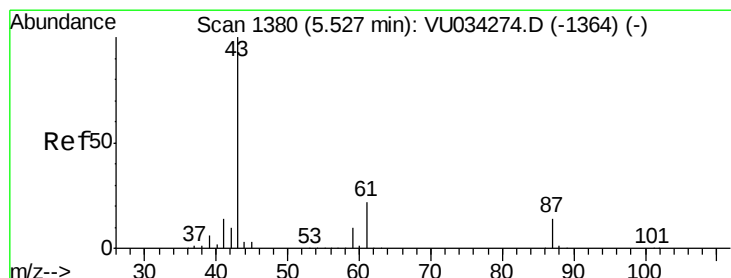
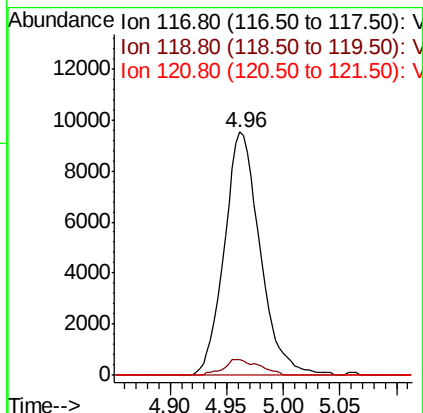
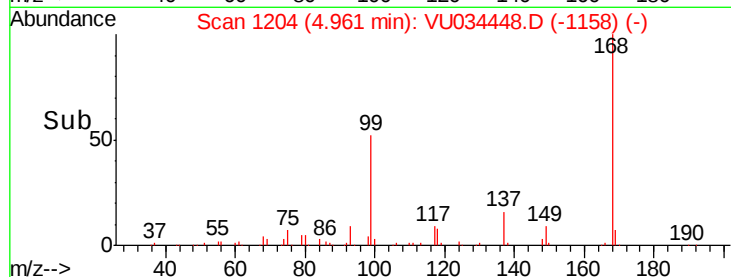
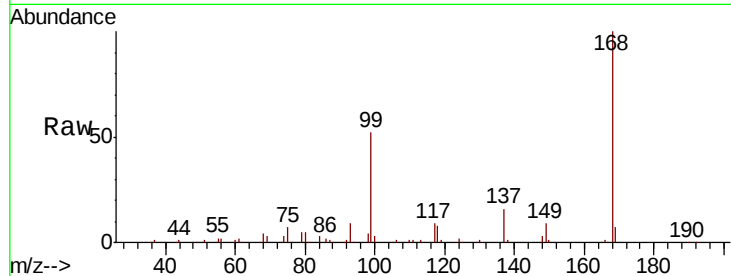




#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

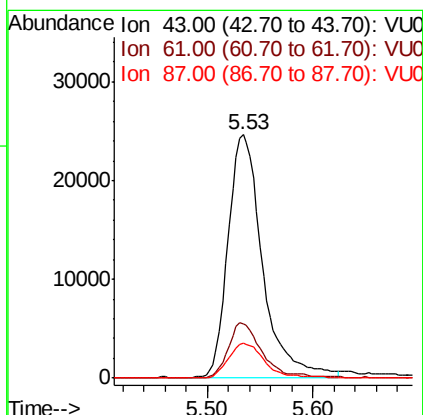
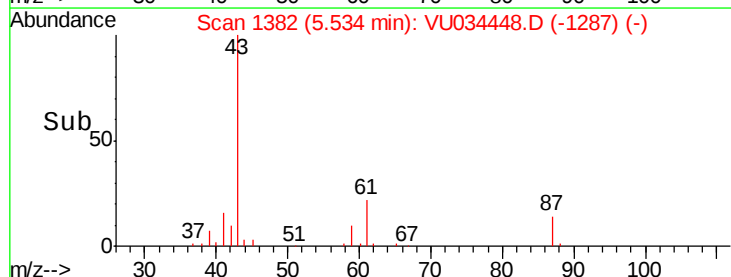
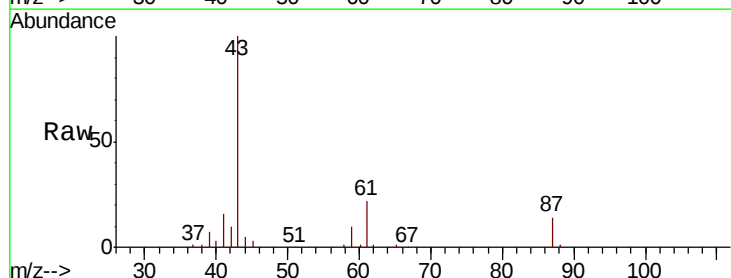
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

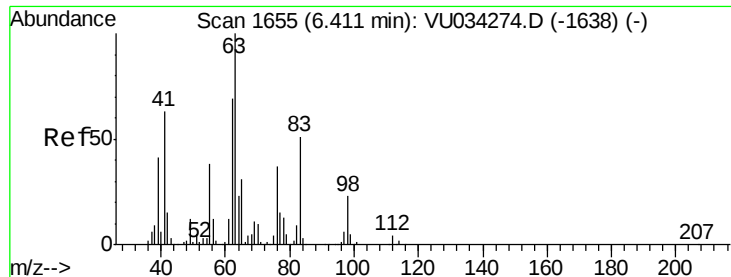
Tgt Ion: 117 Resp: 20968
Ion Ratio Lower Upper
117 100
119 6.4 77.8 116.6#
121 0.0 25.2 37.8#



#43
Isopropyl Acetate
Concen: 7.674 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 43 Resp: 56215
Ion Ratio Lower Upper
43 100
61 21.2 17.1 25.7
87 14.6 11.1 16.7





#45

1,2-Dichloropropane

Concen: 0.326 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.27 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

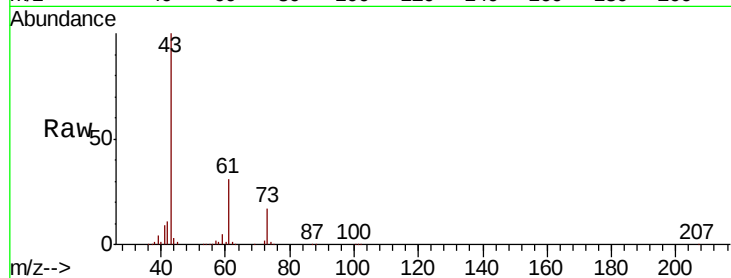
PAR-D1-(0)

Tgt Ion: 63 Resp: 1221

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.68

800

600

400

200

0

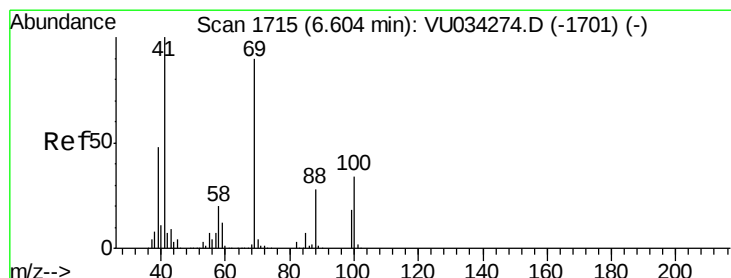
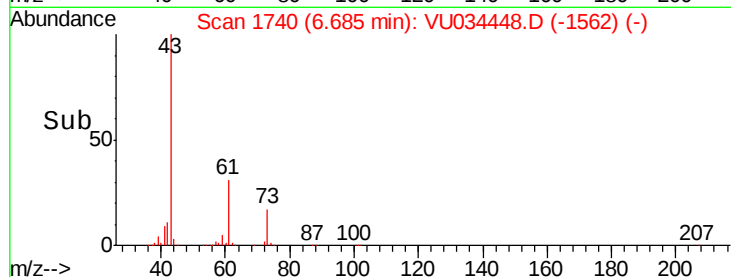
6.64

6.66

6.68

6.70

Time-->



#48

Methyl methacrylate

Concen: 25.848 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.08 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

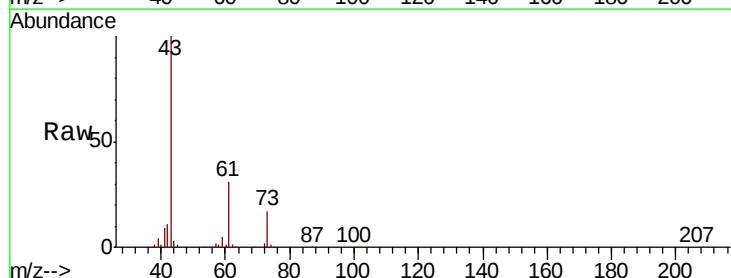
Tgt Ion: 41 Resp: 89925

Ion Ratio Lower Upper

41 100

69 0.1 72.8 109.2#

39 50.2 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

6.68

60000

40000

20000

0

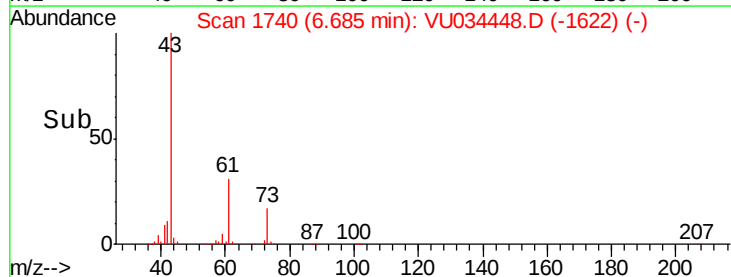
6.60

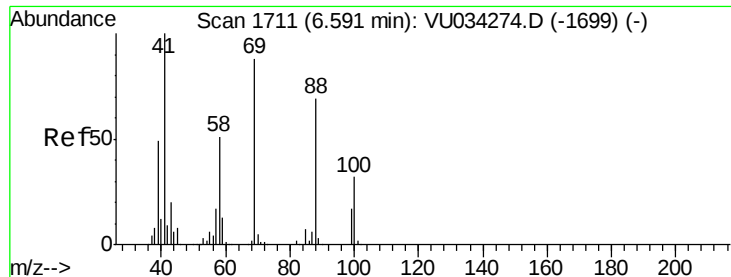
6.65

6.70

6.75

Time-->





#49

1,4-Dioxane

Concen: 0.250 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.09 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

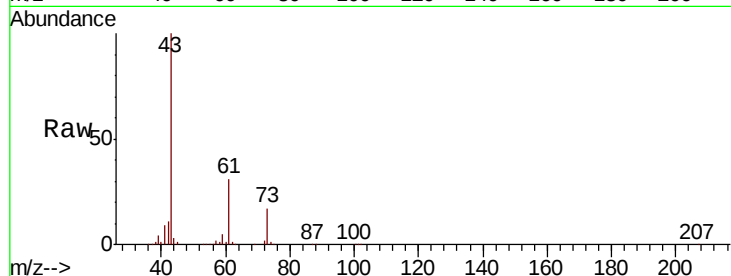
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 5255989.5 23.8 35.6#

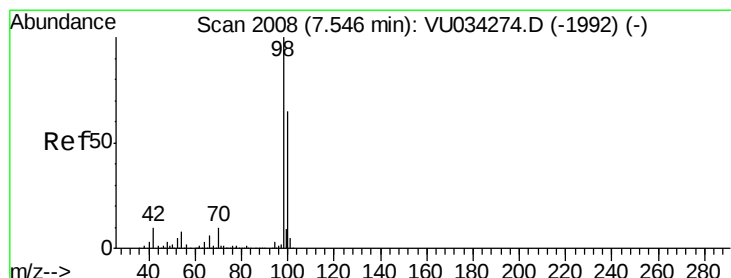
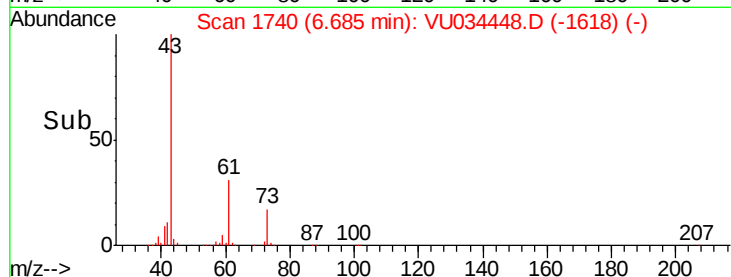
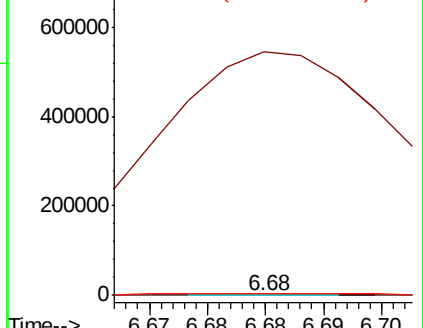
58 34015.8 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VU034448.D (-1740) (-)

Ion 43.00 (42.70 to 43.70): VU034448.D (-1740) (-)

Ion 58.00 (57.70 to 58.70): VU034448.D (-1740) (-)



#50

Toluene-d8

Concen: 50.398 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034448.D

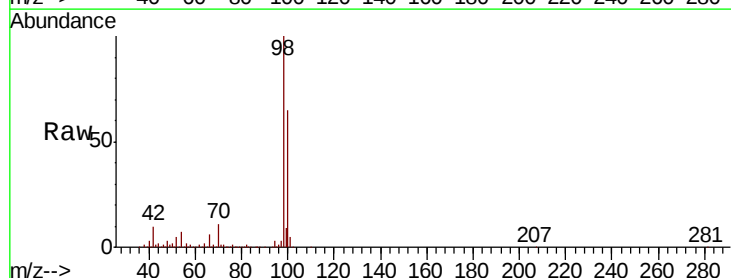
Acq: 10 Sep 2019 14:02

Tgt Ion: 98 Resp: 645193

Ion Ratio Lower Upper

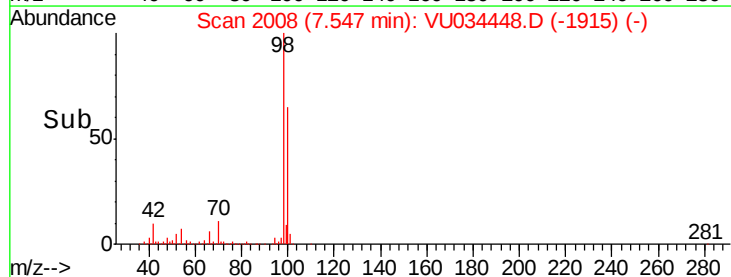
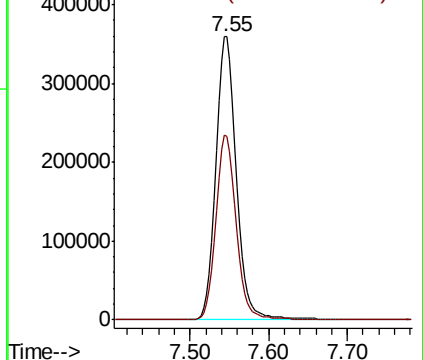
98 100

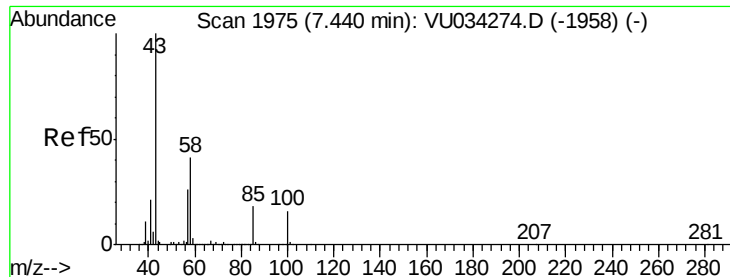
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034448.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034448.D (-2008) (-)

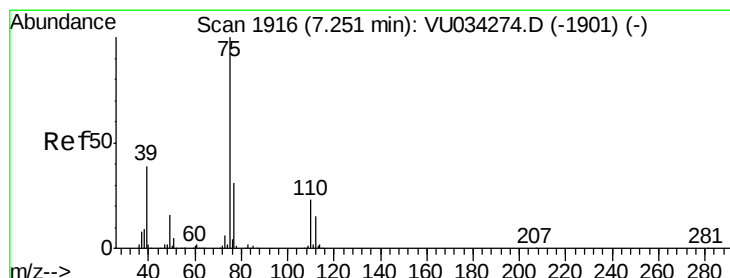
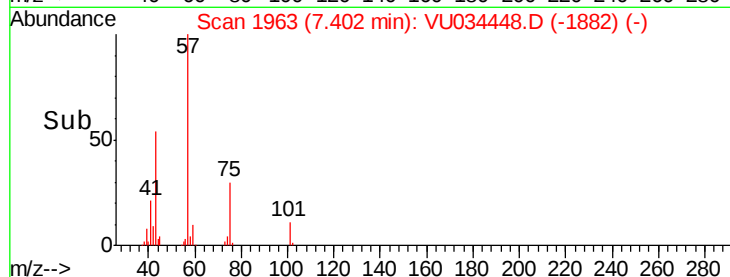
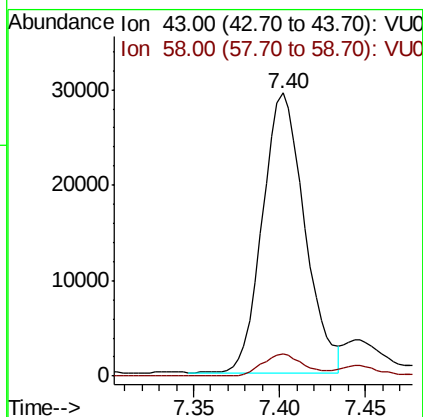
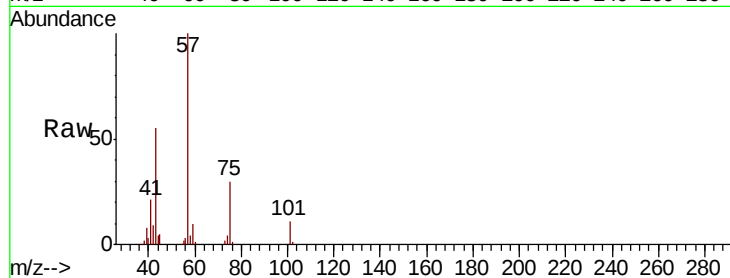




#51
 4-Methyl-2-Pentanone
 Concen: 9.795 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. -0.04 min
 Lab File: VU034448.D
 Acq: 10 Sep 2019 14:02

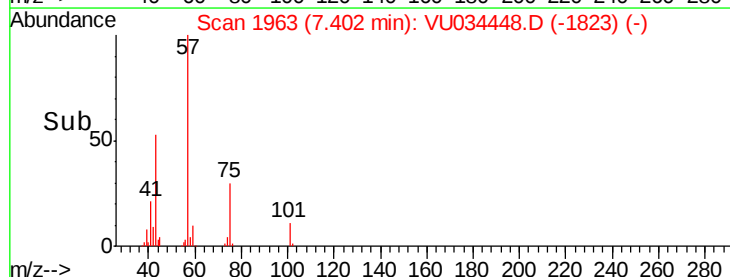
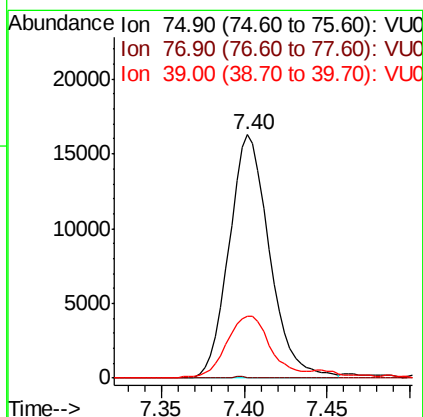
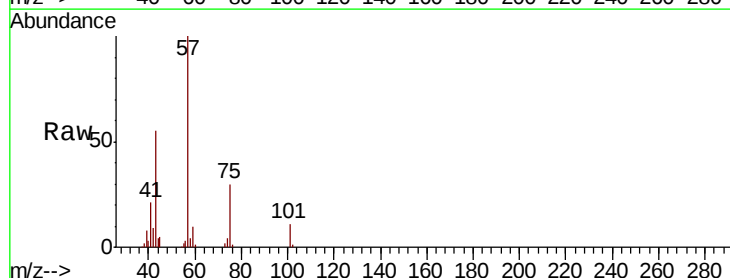
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D1-(0)

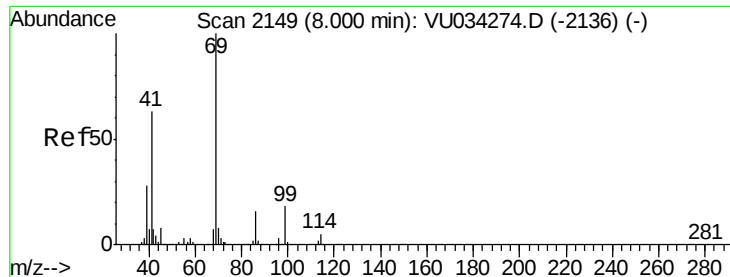
Tgt Ion: 43 Resp: 49665
 Ion Ratio Lower Upper
 43 100
 58 7.7 33.0 49.4#



#54
 cis-1,3-Dichloropropene
 Concen: 5.013 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034448.D
 Acq: 10 Sep 2019 14:02

Tgt Ion: 75 Resp: 27609
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 24.8 31.2 46.8#





#56

Ethyl methacrylate

Concen: 3.109 ug/l

RT: 7.97 min Scan# 2140

Delta R.T. -0.03 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

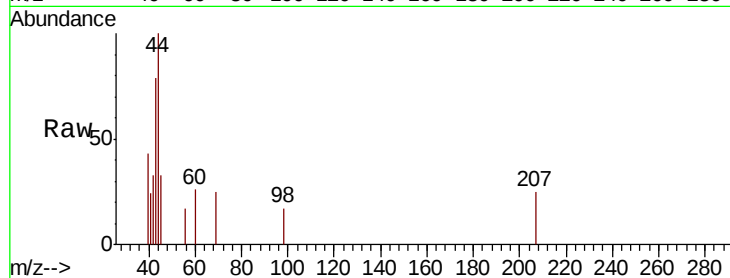
Tgt Ion: 69 Resp: 189

Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

39 0.0 22.5 33.7#

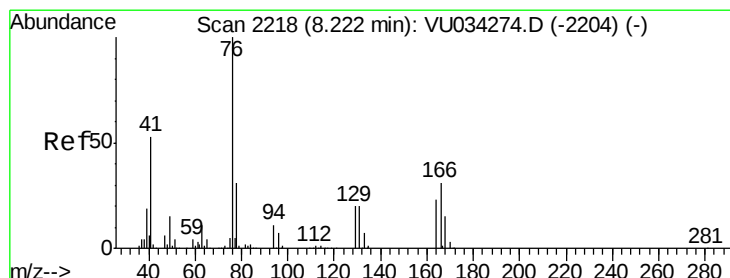
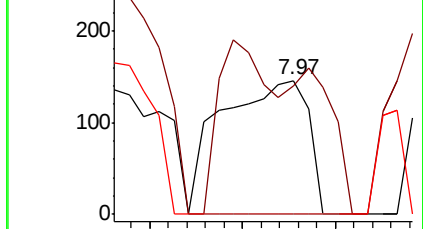
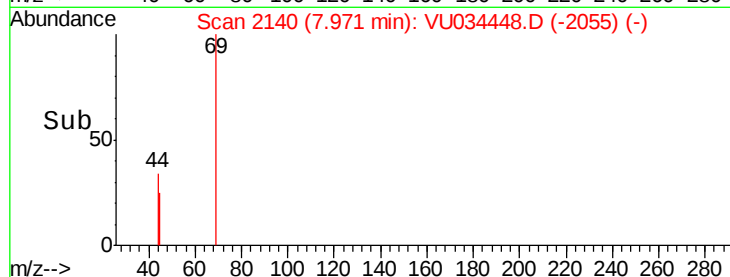


Abundance Ion 69.00 (68.70 to 69.70): VU034448.D (-2055) (-)

Ion 41.00 (40.70 to 41.70): VU034448.D (-2055) (-)

Ion 39.00 (38.70 to 39.70): VU034448.D (-2055) (-)

Time-->



#57

1,3-Dichloropropane

Concen: 0.757 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.17 min

Lab File: VU034448.D

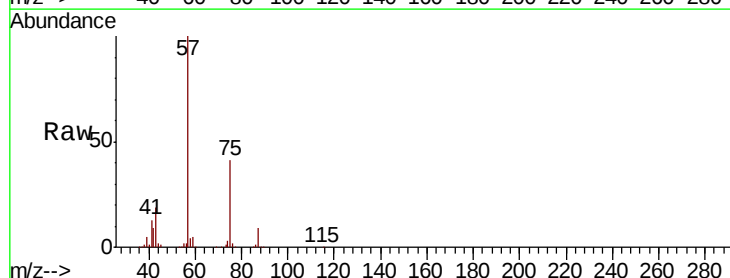
Acq: 10 Sep 2019 14:02

Tgt Ion: 76 Resp: 4501

Ion Ratio Lower Upper

76 100

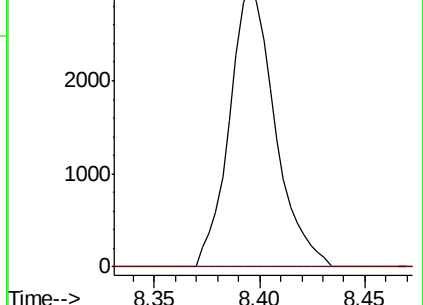
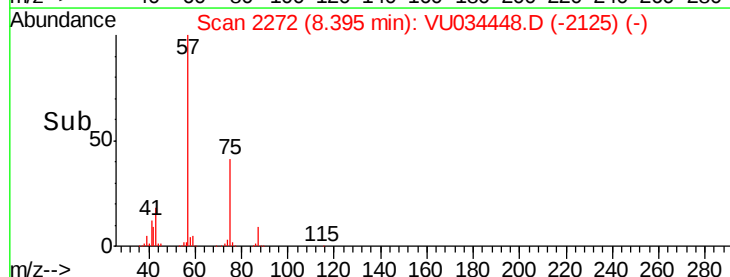
78 0.0 25.4 38.2#

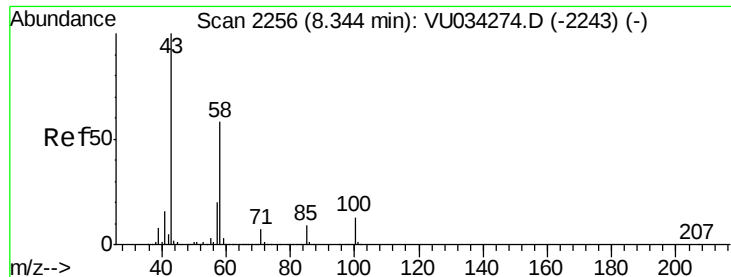


Abundance Ion 75.90 (75.60 to 76.60): VU034448.D (-2125) (-)

Ion 77.90 (77.60 to 78.60): VU034448.D (-2125) (-)

Time-->

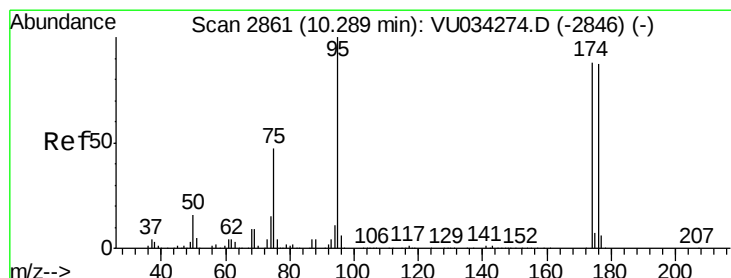
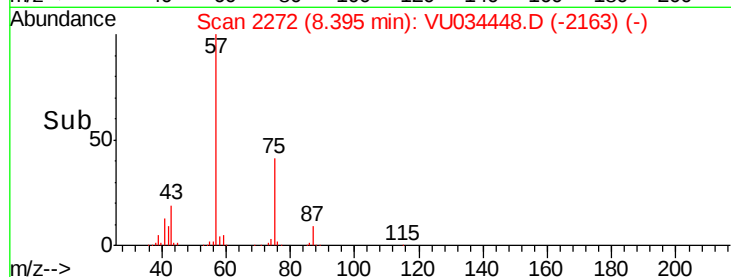
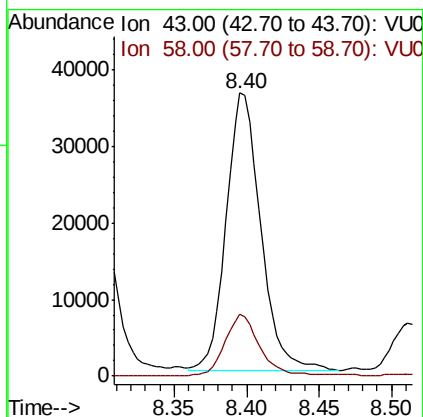
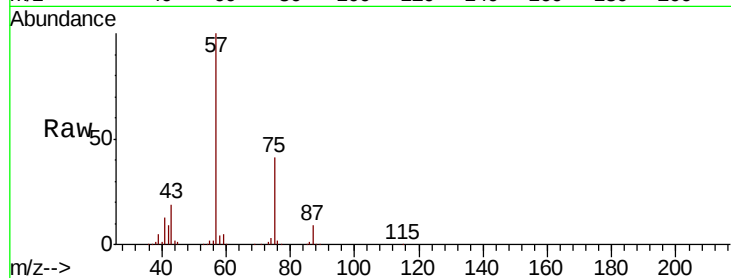




#59
2-Hexanone
Concen: 15.732 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

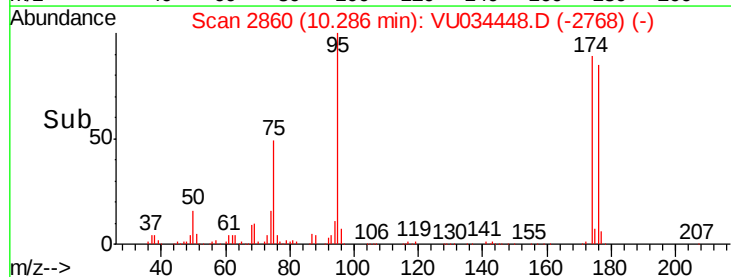
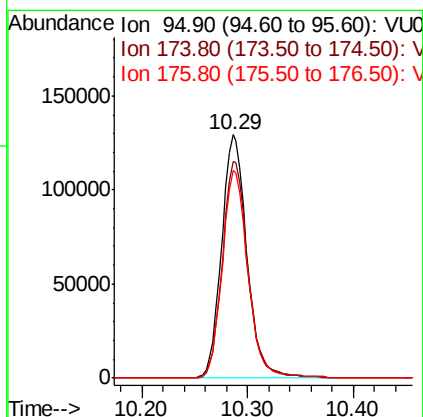
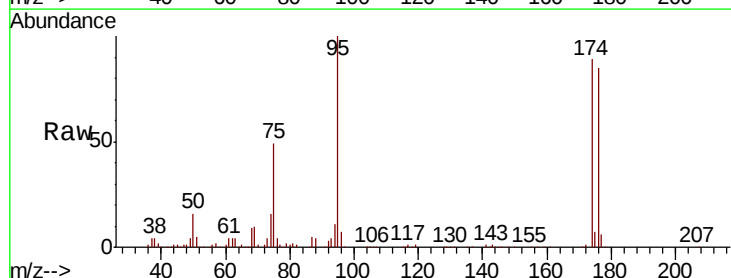
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

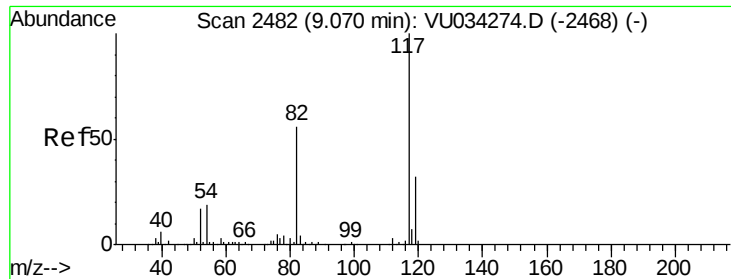
Tgt Ion: 43 Resp: 59588
Ion Ratio Lower Upper
43 100
58 22.6 28.8 86.5#



#62
4-Bromofluorobenzene
Concen: 43.564 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 95 Resp: 215325
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.2
176 86.1 0.0 168.0

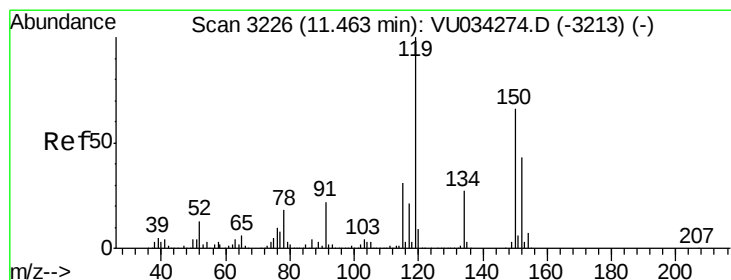
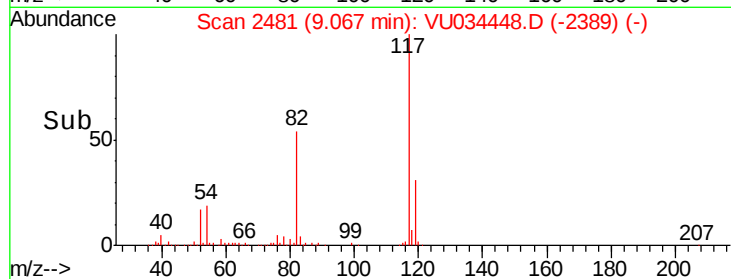
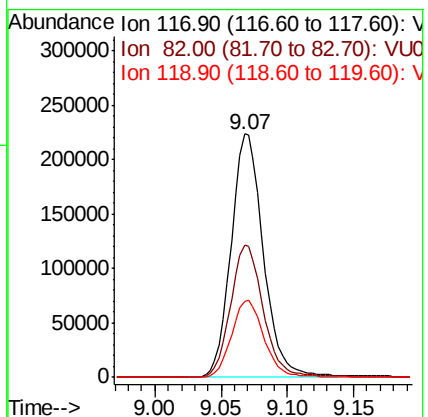
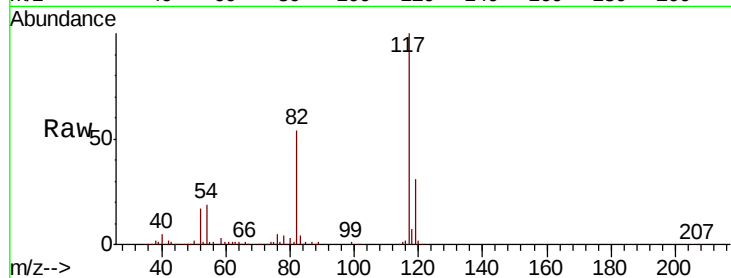




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

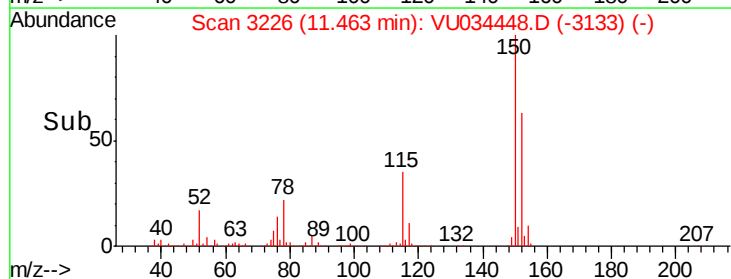
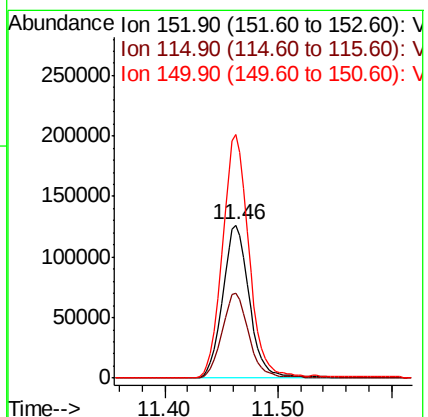
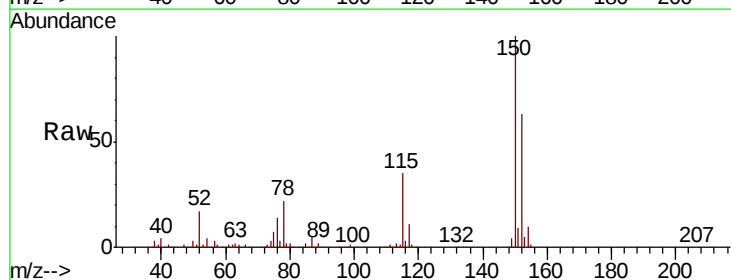
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

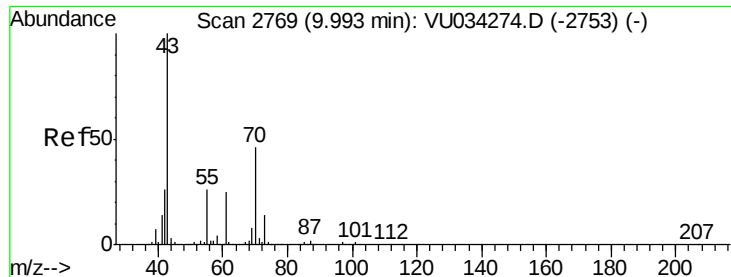
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.1	117.3
150	157.3	0.0	345.4

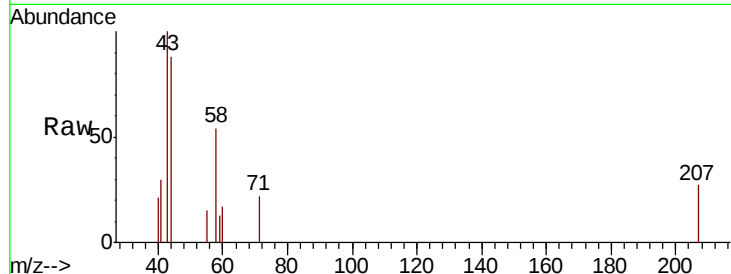




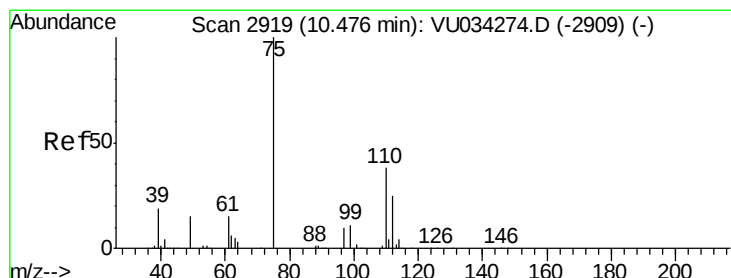
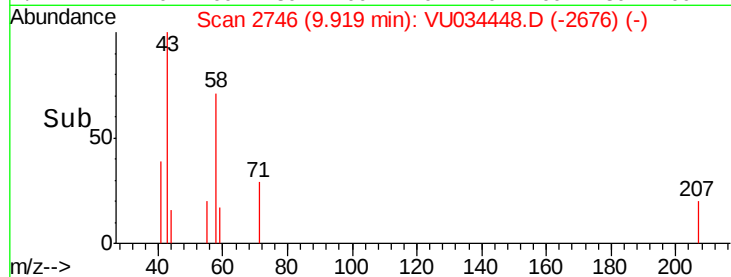
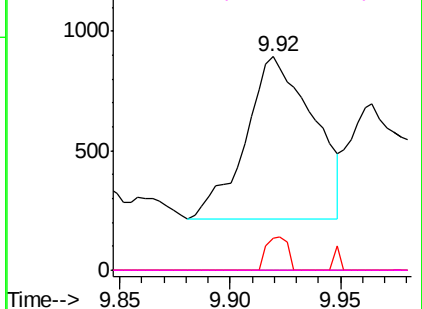
#74
N-ethyl acetate
Concen: 0.268 ug/l
RT: 9.92 min Scan# 2746
Delta R.T. -0.07 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 6.5 21.2 31.8#
61 0.0 20.4 30.6#

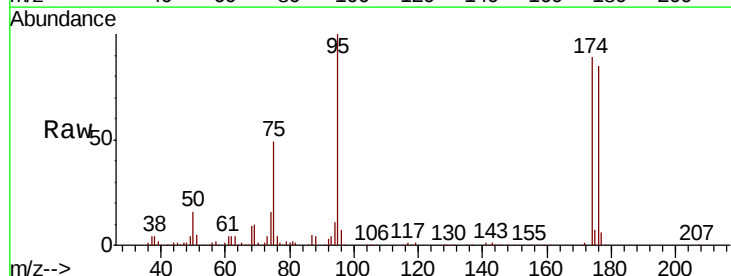


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 61.00 (60.70 to 61.70): VU0

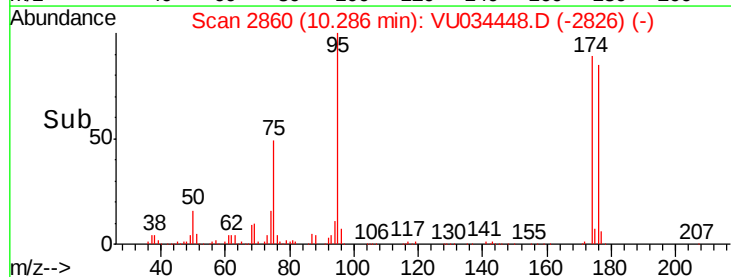
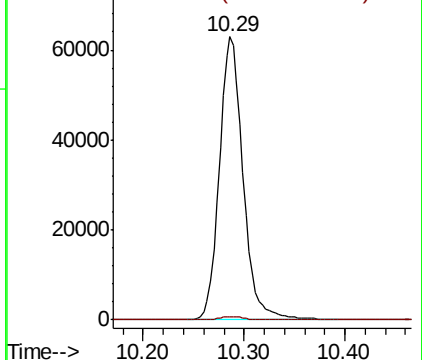


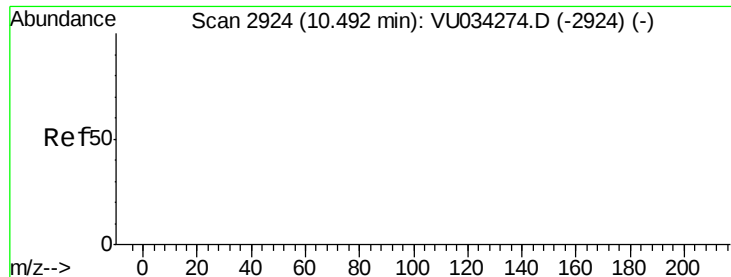
#76
1,2,3-Trichloropropane
Concen: 22.829 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 75 Resp: 103510
Ion Ratio Lower Upper
75 100
77 1.3 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: 76.771 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

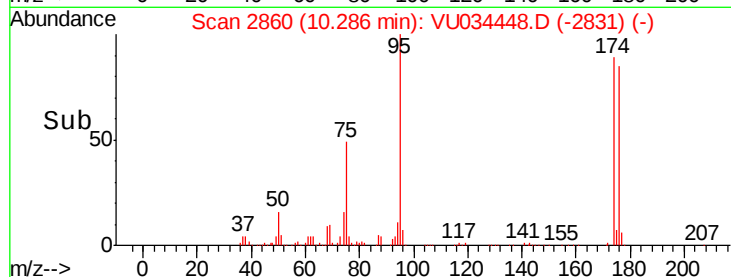
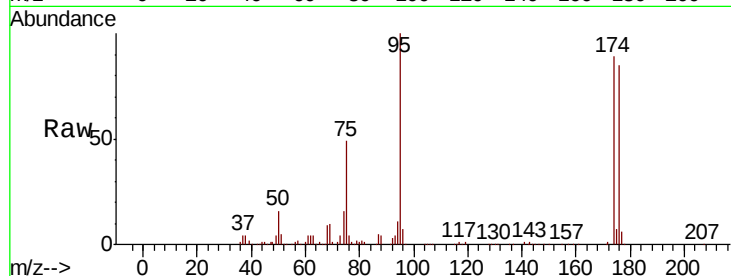
Tgt Ion: 75 Resp: 103510

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

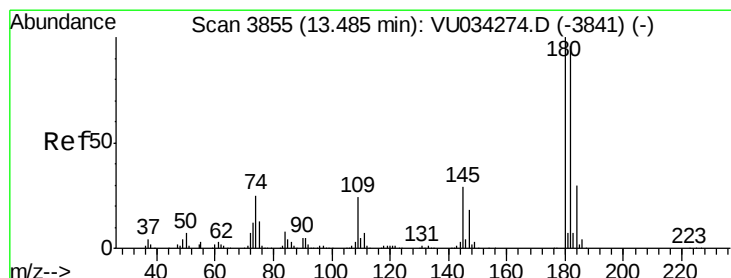
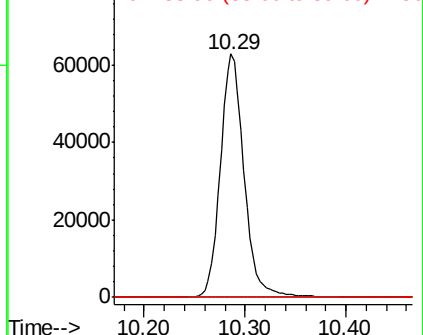
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#93

1,2,4-Trichlorobenzene

Concen: 3.460 ug/l

RT: 13.54 min Scan# 3873

Delta R.T. 0.06 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

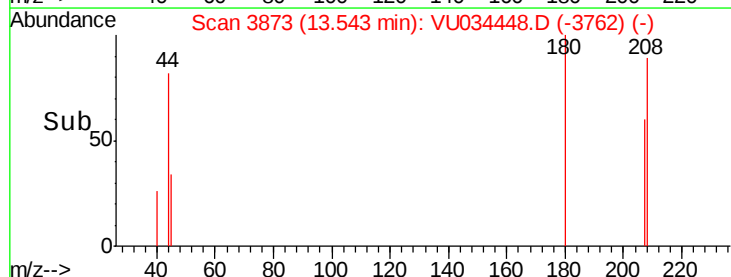
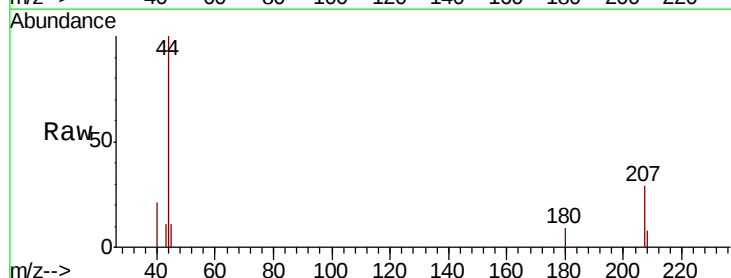
Tgt Ion: 180 Resp: 43

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

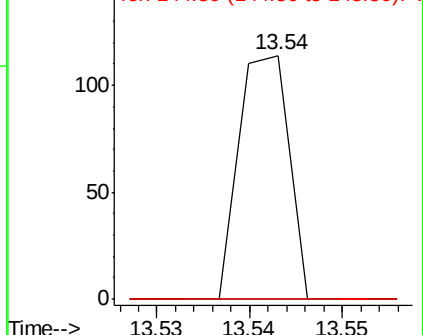
145 0.0 14.4 43.0#

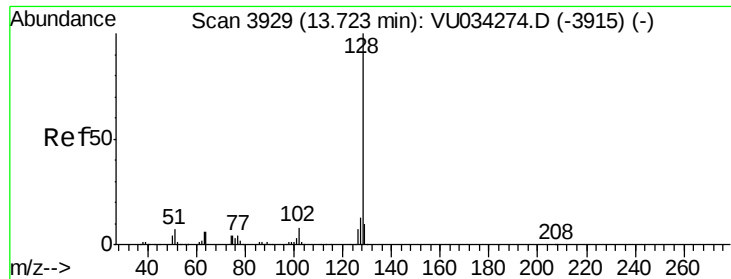


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

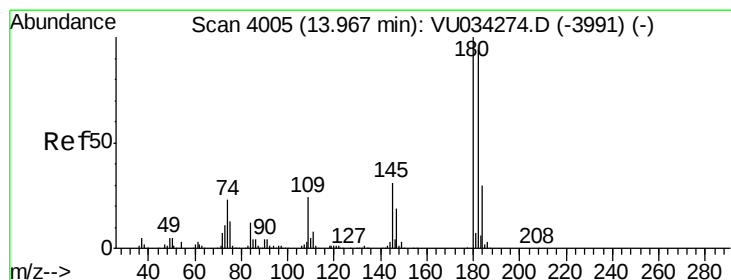
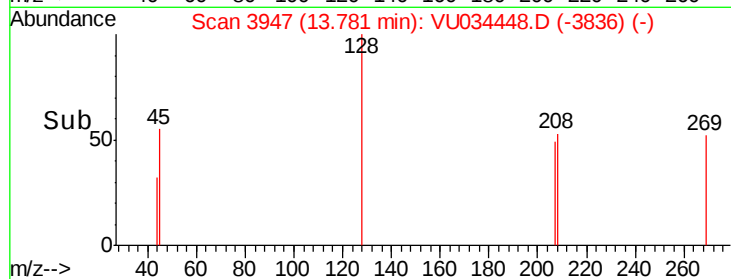
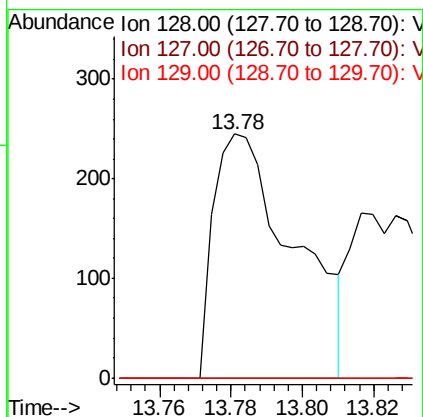
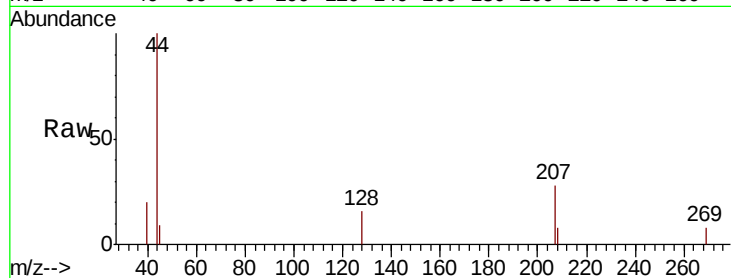




#95
Naphthalene
Concen: 3.991 ug/l
RT: 13.78 min Scan# 3947
Delta R.T. 0.06 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampled :
PAR-D1-(0)

Tgt Ion:128 Resp: 381
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: 2.649 ug/l
RT: 14.00 min Scan# 4014
Delta R.T. 0.03 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:180 Resp: 54
Ion Ratio Lower Upper
180 100
182 77.8 48.4 145.0
145 0.0 15.4 46.4#

