

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034445.D
 Acq On : 10 Sep 2019 12:52
 Operator : JC/SP
 Sample : K4602-35
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

Quant Time: Sep 11 05:53:56 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	240776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	373885	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	391381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	214429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	190755	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	4.86	113	167747	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	7.54	98	619200	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	10.29	95	210753	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	

Target Compounds					Qvalue
5) Bromomethane	1.59	94	46	Below Cal	# 2
6) Chloroethane	1.68	64	96	Below Cal	# 43
8) Diethyl Ether	2.10	74	692	0.374	ug/l 60
10) Methyl Iodide	2.40	142	727	4.110	ug/l # 67
11) Tert butyl alcohol	2.82	59	5175	6.724	ug/l # 73
16) Acetone	2.31	43	12459	6.609	ug/l 97
17) Carbon Disulfide	2.47	76	1652	0.281	ug/l 97
18) Methyl Acetate	2.62	43	3912	0.853	ug/l # 89
20) Methylene Chloride	2.69	84	6078	1.581	ug/l 95
29) Tetrahydrofuran	4.65	42	952	0.622	ug/l # 37
31) Cyclohexane	4.96	56	4418	1.035	ug/l # 1
36) 1,1-Dichloropropene	4.96	75	16604	4.095	ug/l # 49
37) Ethyl Acetate	4.29	43	1216	0.254	ug/l # 66
38) Carbon Tetrachloride	4.96	117	21316	4.923	ug/l # 16
43) Isopropyl Acetate	5.53	43	60153	8.043	ug/l 99
48) Methyl methacrylate	6.68	41	96850	27.266	ug/l # 37
49) 1,4-Dioxane	6.61	88	185	2.385	ug/l # 22
51) 4-Methyl-2-Pentanone	7.44	43	8301	1.604	ug/l 96
54) cis-1,3-Dichloropropene	7.40	75	28781	5.119	ug/l # 63
56) Ethyl methacrylate	8.01	69	443	3.150	ug/l # 28
59) 2-Hexanone	8.40	43	64419	16.657	ug/l # 58
74) N-amyl acetate	10.01	43	1271	0.226	ug/l # 80
76) 1,2,3-Trichloropropane	10.29	75	99060	21.164	ug/l # 36
81) trans-1,4-Dichloro-2-buten	10.29	75	99060	71.173	ug/l # 100
82) 4-Chlorotoluene	10.76	91	2491	0.220	ug/l 99
87) 1,3-Dichlorobenzene	11.40	146	1962	0.276	ug/l 95
88) 1,4-Dichlorobenzene	11.40	146	1962	0.264	ug/l 95
89) n-Butylbenzene	11.87	91	3014	0.273	ug/l 93
91) 1,2-Dichlorobenzene	11.86	146	1611	0.230	ug/l 93
92) 1,2-Dibromo-3-Chloropropan	12.65	75	212	0.204	ug/l # 31
93) 1,2,4-Trichlorobenzene	13.51	180	1736	3.770	ug/l # 76
94) Hexachlorobutadiene	13.67	225	1285	0.525	ug/l 91
95) Naphthalene	13.75	128	9400	4.572	ug/l # 89
96) 1,2,3-Trichlorobenzene	13.98	180	2517	3.125	ug/l 71

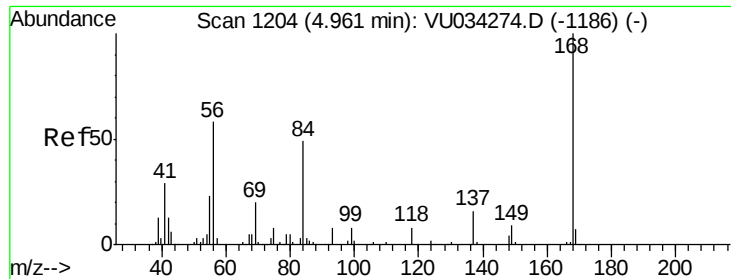
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034445.D
Acq On : 10 Sep 2019 12:52
Operator : JC/SP
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Quant Time: Sep 11 05:53:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

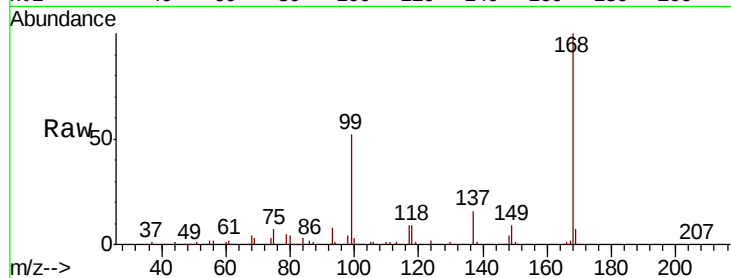
PAR-D2-(0)

Tgt Ion:168 Resp: 240776

Ion Ratio Lower Upper

168 100

99 51.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034445.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034445.D (-1186) (-)

4.96

120000

100000

80000

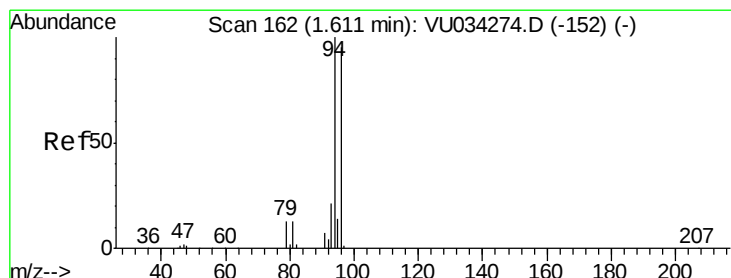
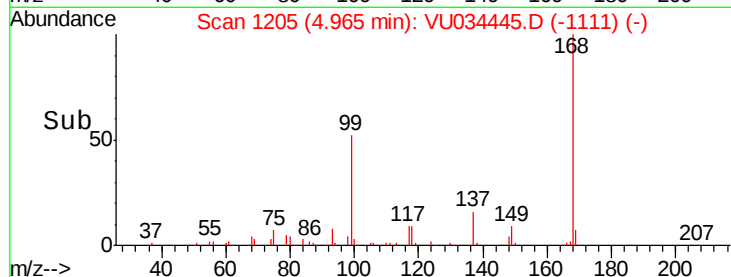
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.59 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU034445.D

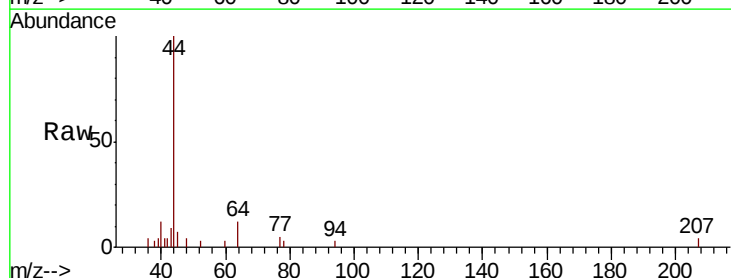
Acq: 10 Sep 2019 12:52

Tgt Ion: 94 Resp: 46

Ion Ratio Lower Upper

94 100

96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034445.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034445.D (-68) (-)

1.59

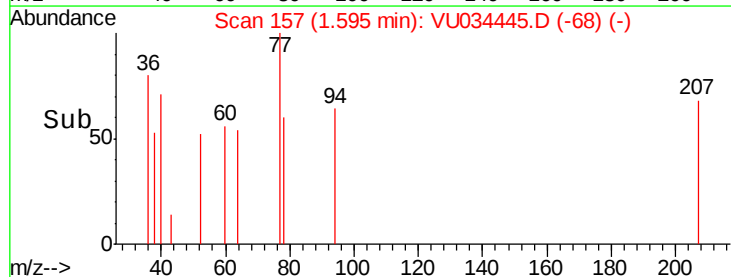
150

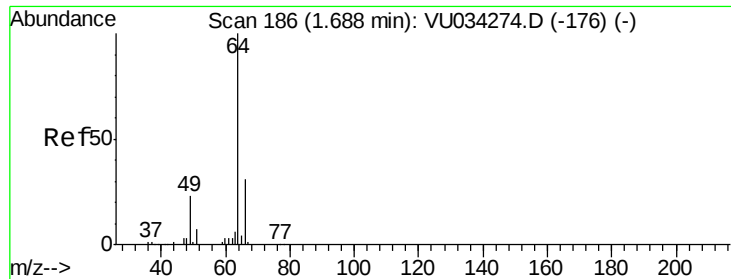
100

50

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

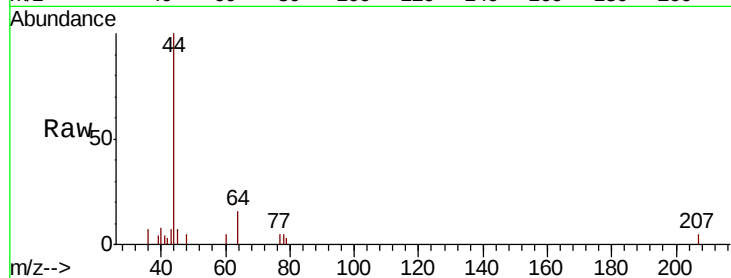
PAR-D2-(0)

Tgt Ion: 64 Resp: 96

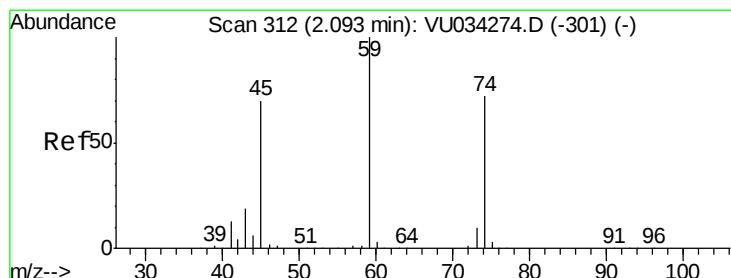
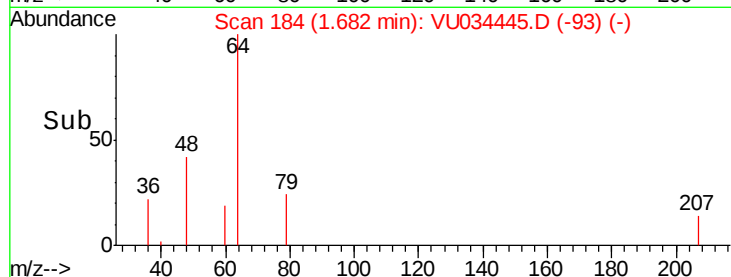
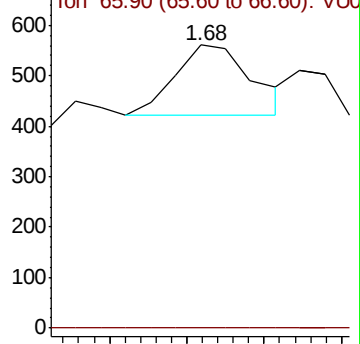
Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU034445.D (-93) (-)



#8

Diethyl Ether

Concen: 0.374 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.00 min

Lab File: VU034445.D

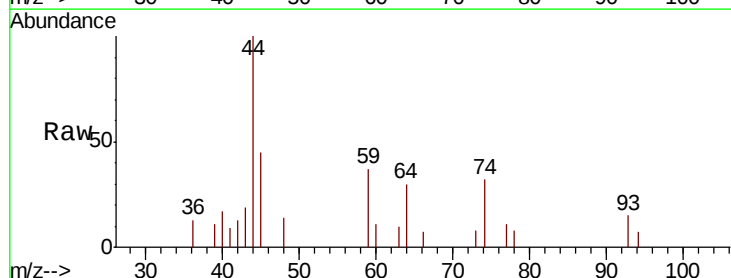
Acq: 10 Sep 2019 12:52

Tgt Ion: 74 Resp: 692

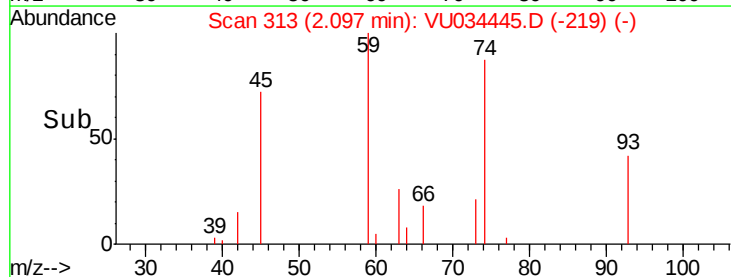
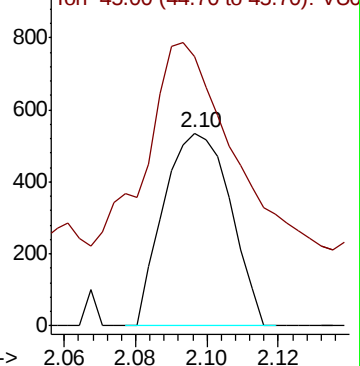
Ion Ratio Lower Upper

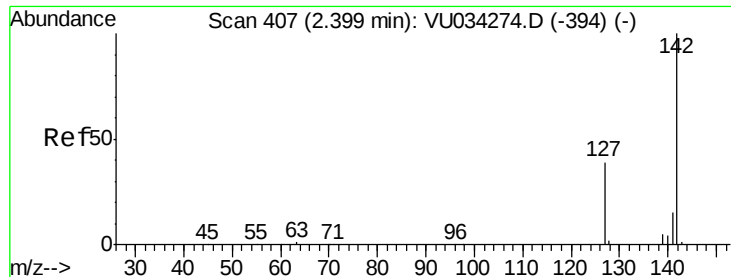
74 100

45 135.8 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VU034445.D (-219) (-)

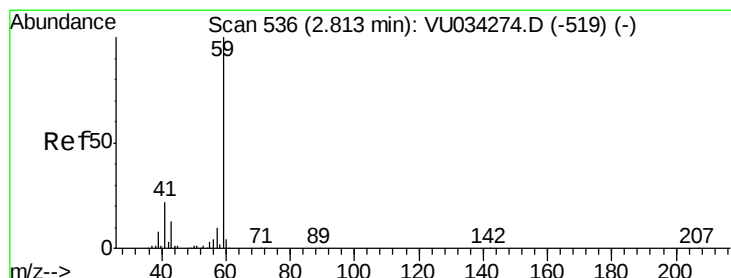
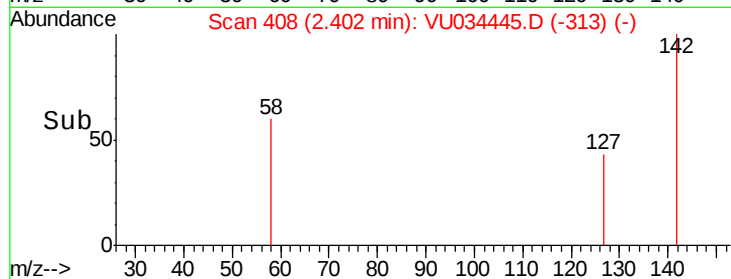
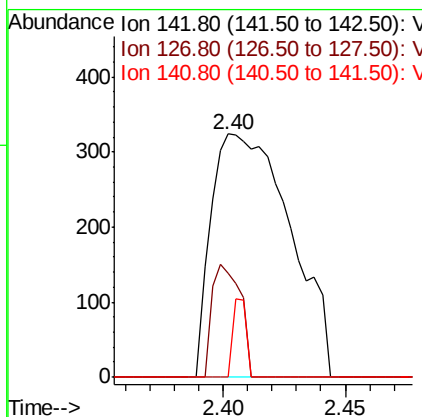
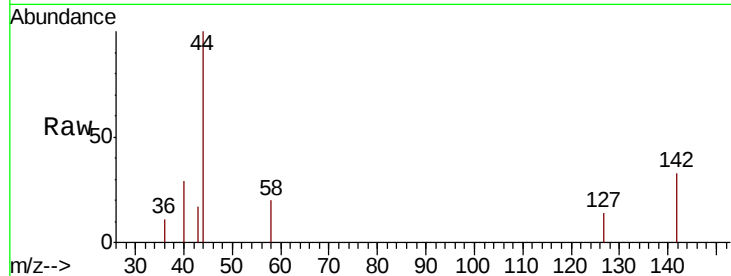




#10
Methyl Iodide
Concen: 4.110 ug/l
RT: 2.40 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

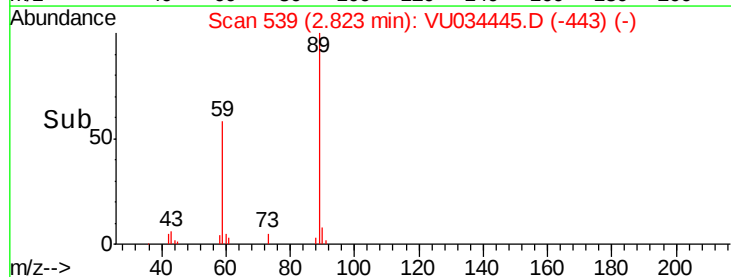
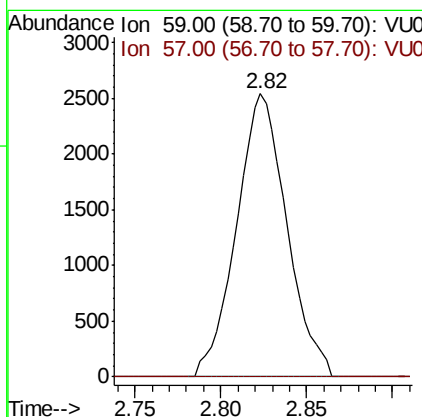
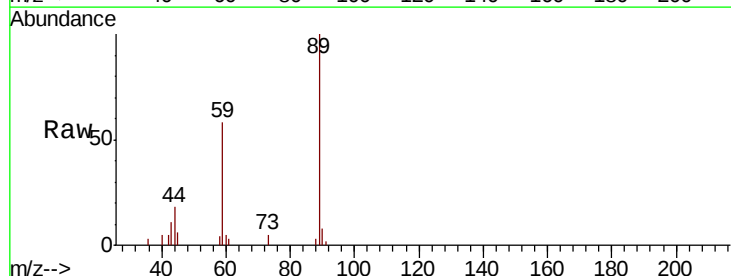
Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

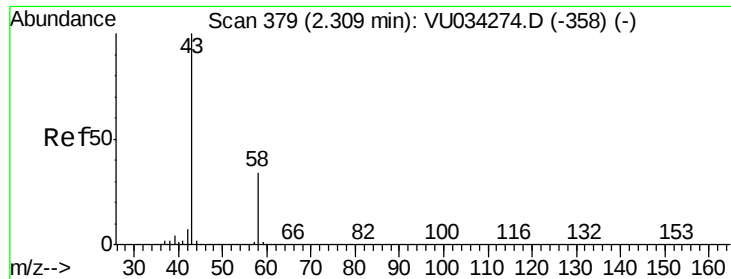
Tgt Ion: 142 Resp: 727
Ion Ratio Lower Upper
142 100
127 16.9 32.1 48.1#
141 5.5 11.5 17.3#



#11
Tert butyl alcohol
Concen: 6.724 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion: 59 Resp: 5175
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 6.609 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

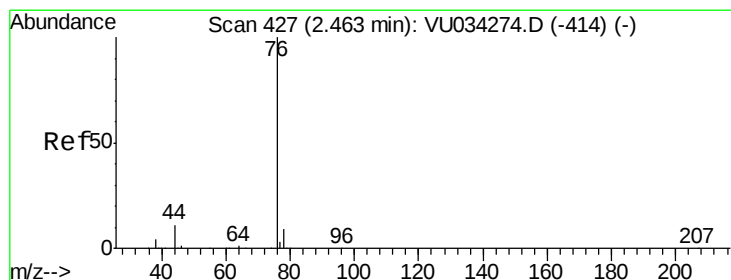
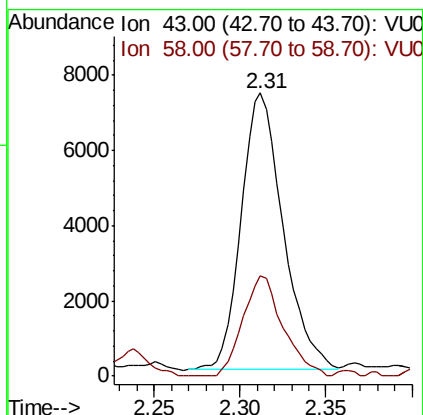
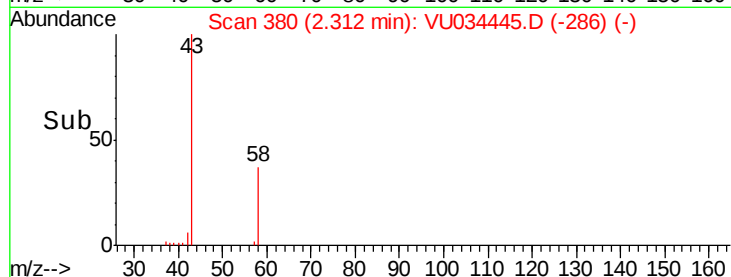
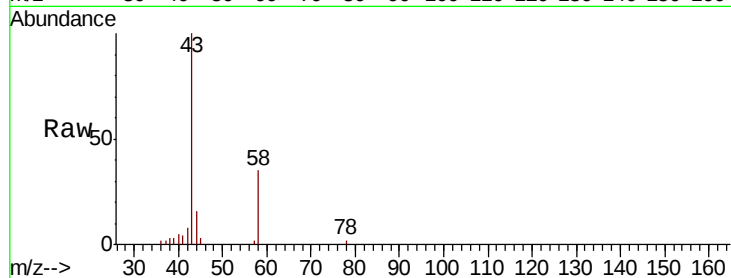
PAR-D2-(0)

Tgt Ion: 43 Resp: 12459

Ion Ratio Lower Upper

43 100

58 36.2 27.6 41.4



#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VU034445.D

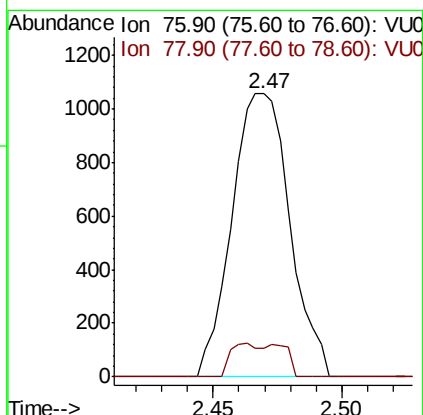
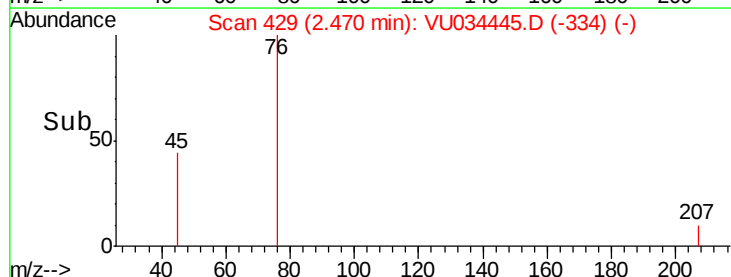
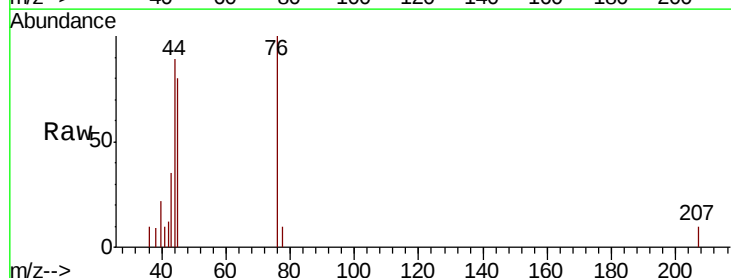
Acq: 10 Sep 2019 12:52

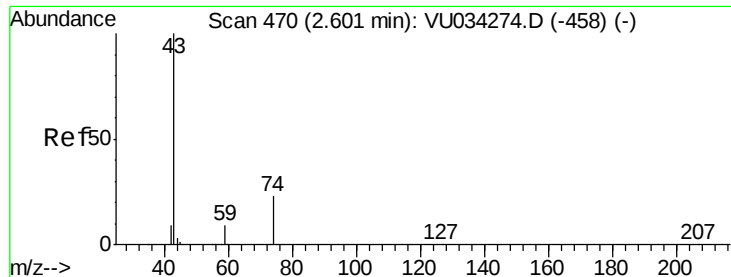
Tgt Ion: 76 Resp: 1652

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

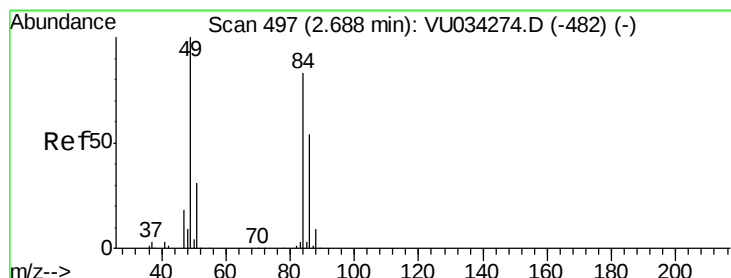
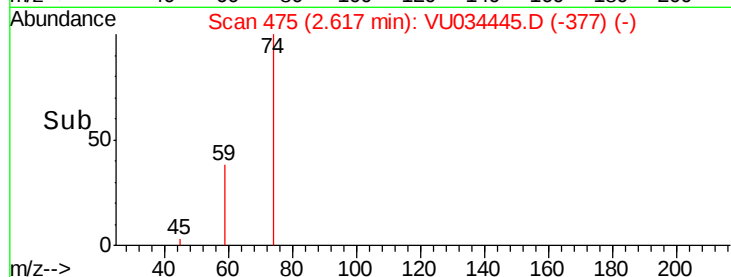
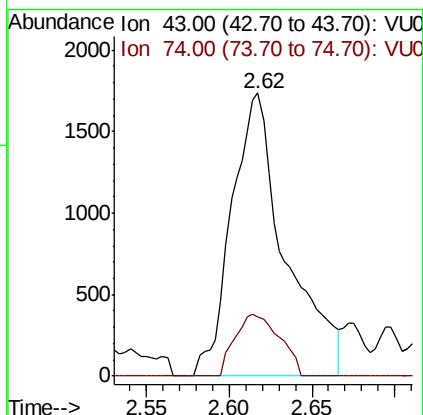
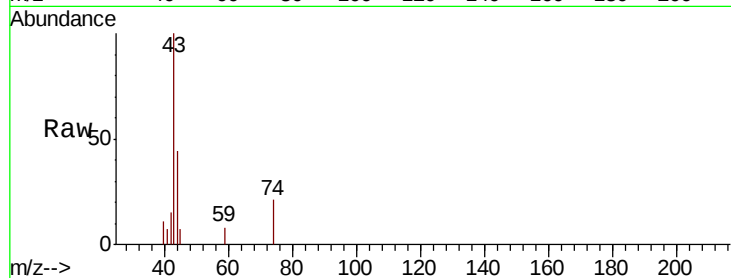




#18
Methyl Acetate
Concen: 0.853 ug/l
RT: 2.62 min Scan# 475
Delta R.T. 0.02 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

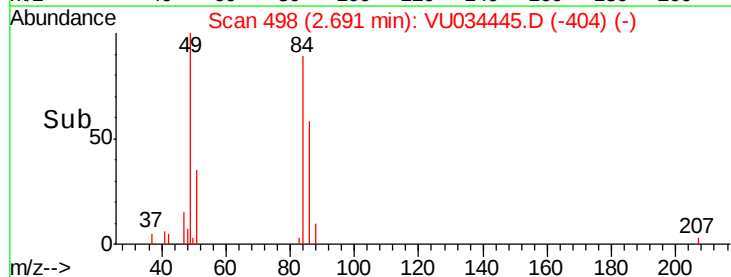
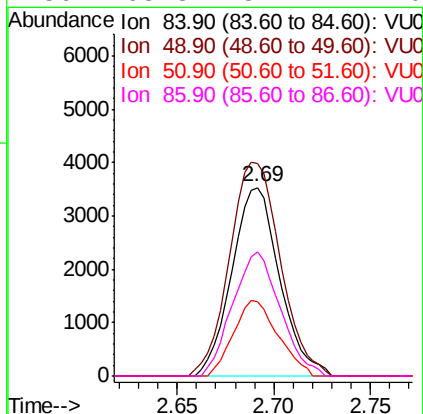
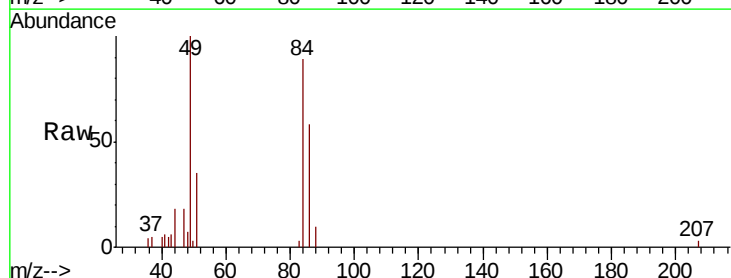
Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

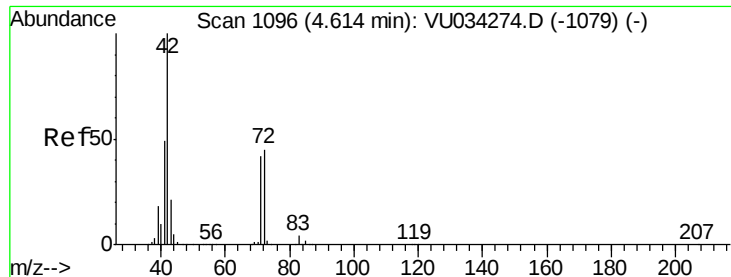
Tgt Ion: 43 Resp: 3912
Ion Ratio Lower Upper
43 100
74 18.1 18.9 28.3#



#20
Methylene Chloride
Concen: 1.581 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion: 84 Resp: 6078
Ion Ratio Lower Upper
84 100
49 112.9 96.0 144.0
51 39.3 30.0 45.0
86 65.8 51.4 77.0





#29

Tetrahydrofuran

Concen: 0.622 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.04 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(0)

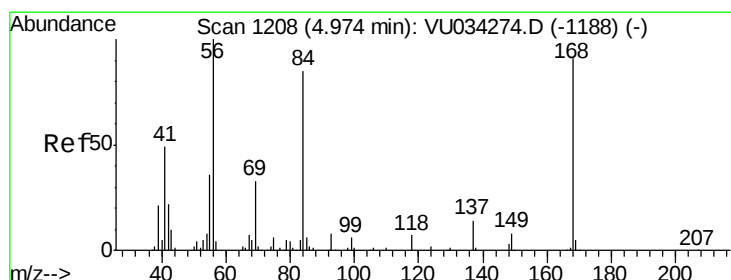
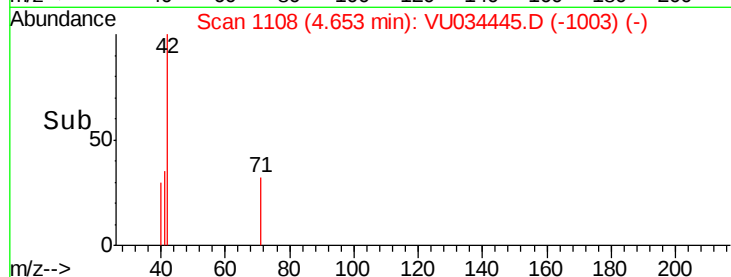
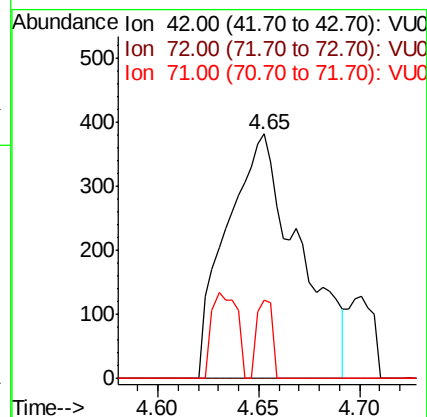
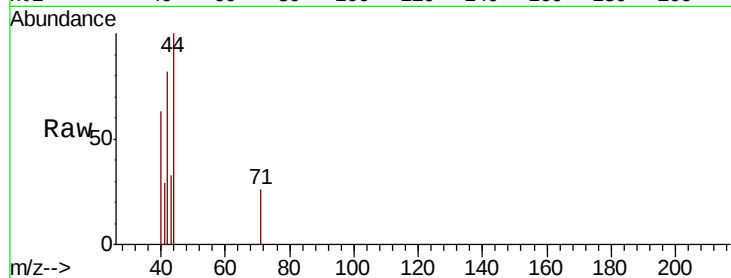
Tgt Ion: 42 Resp: 952

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 6.9 34.3 51.5#



#31

Cyclohexane

Concen: 1.035 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

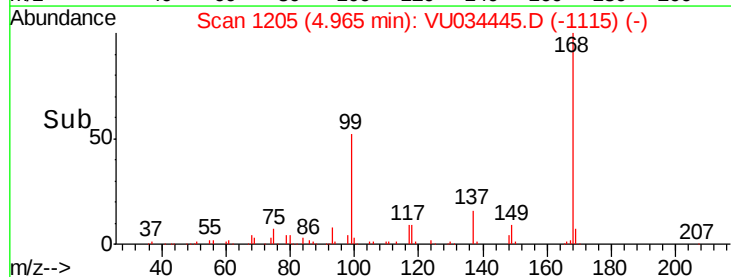
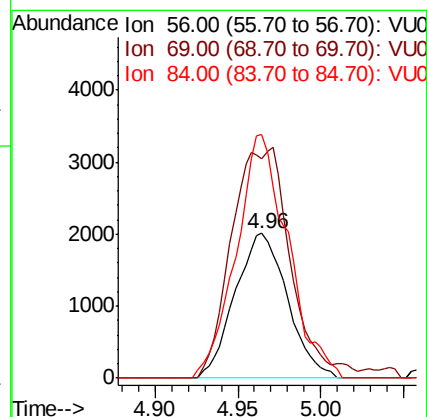
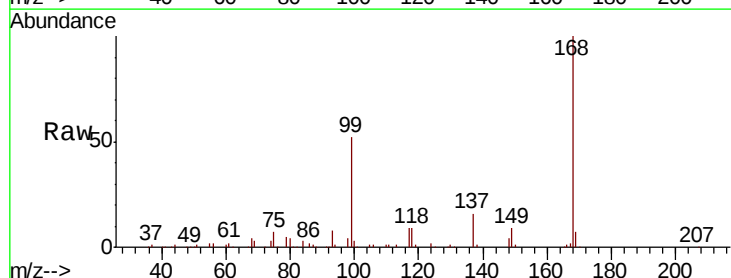
Tgt Ion: 56 Resp: 4418

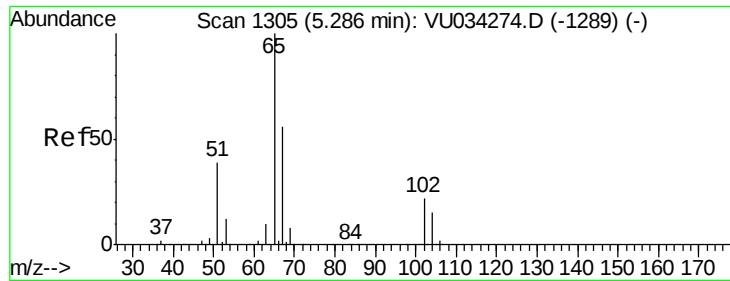
Ion Ratio Lower Upper

56 100

69 151.2 26.7 40.1#

84 168.3 68.2 102.4#

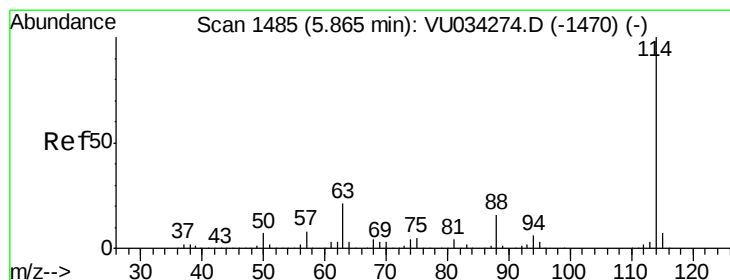
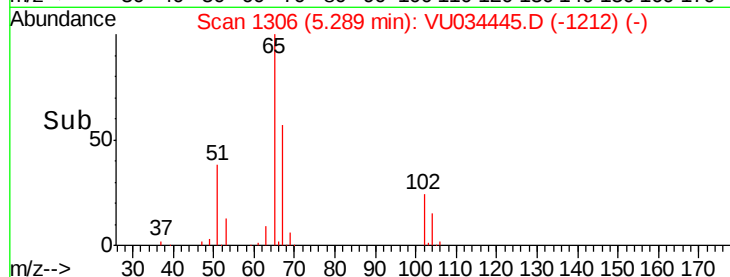
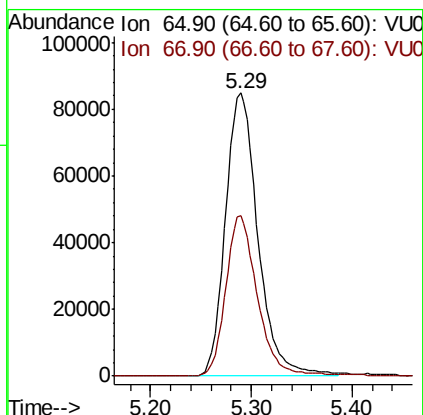
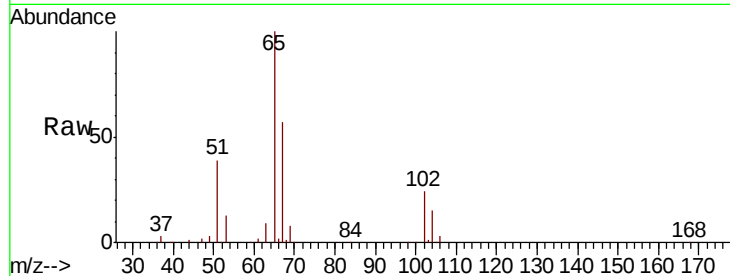




#33
 1,2-Dichloroethane-d4
 Concen: 52.362 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

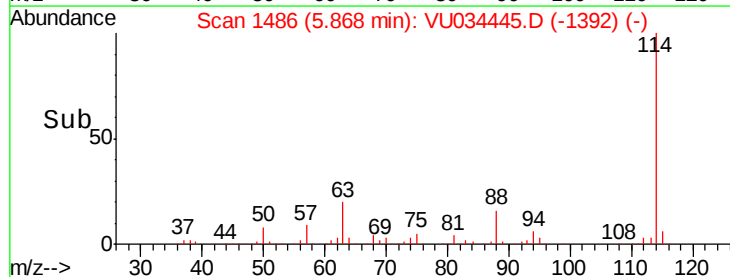
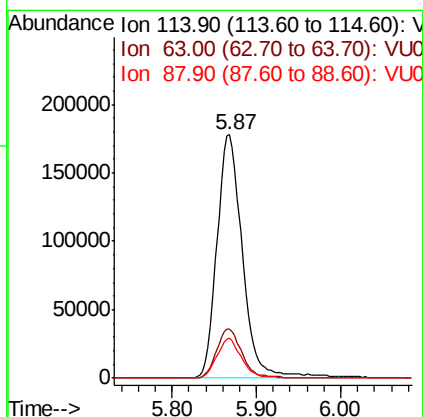
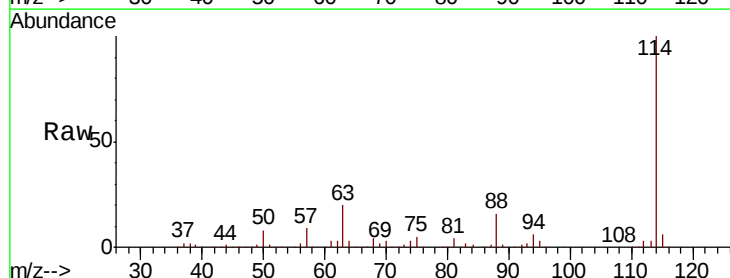
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

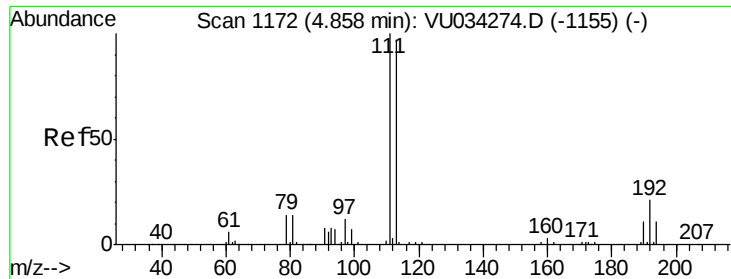
Tgt Ion: 65 Resp: 190755
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion: 114 Resp: 373885
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 16.3 0.0 32.4

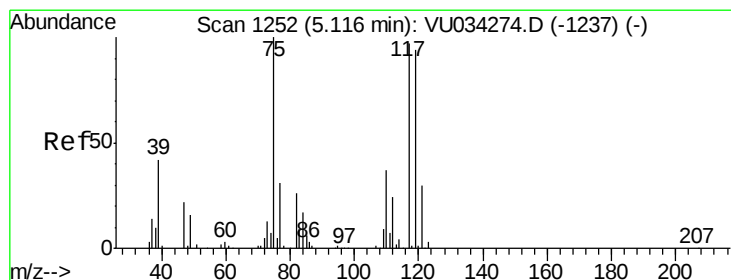
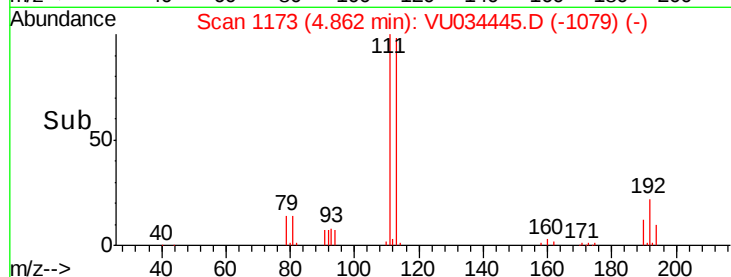
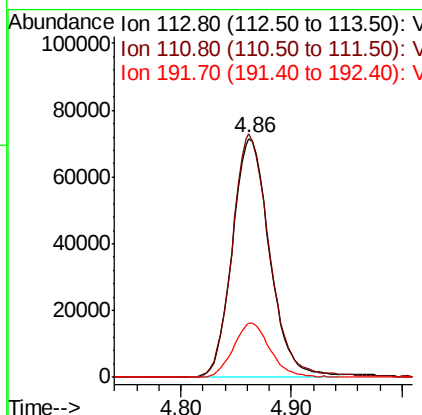
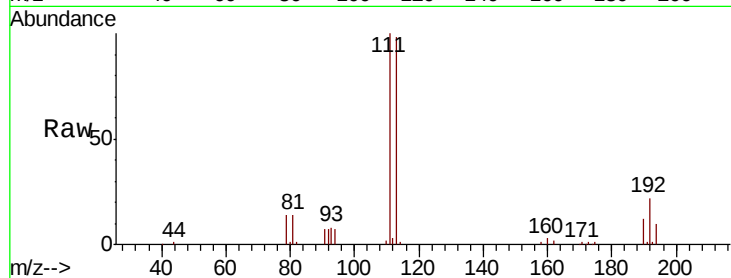




#35
 Dibromofluoromethane
 Concen: 48.217 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

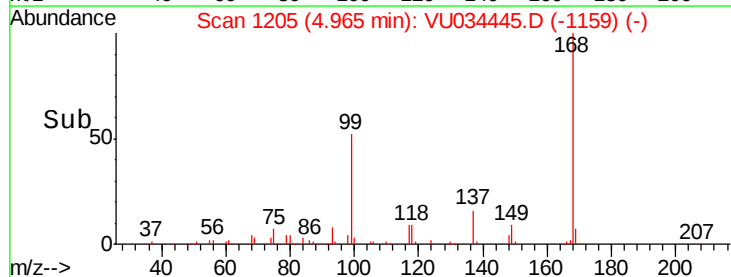
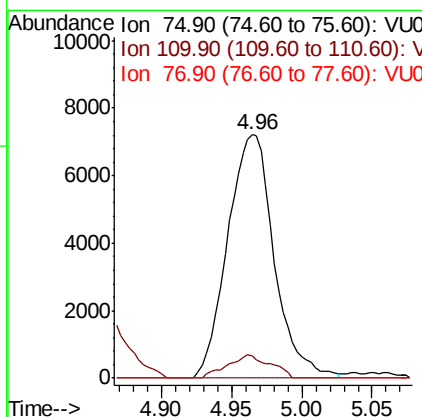
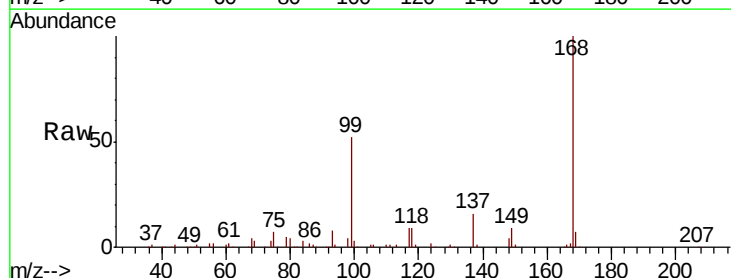
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

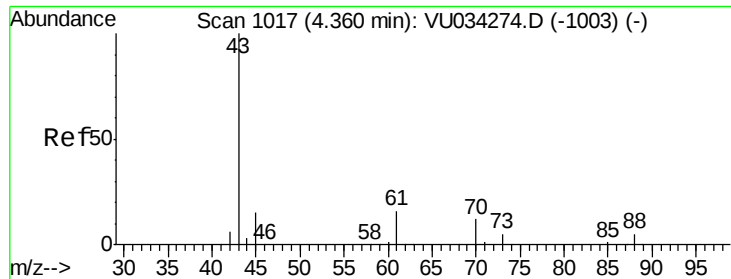
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.095 ug/l
 RT: 4.96 min Scan# 1205
 Delta R.T. -0.15 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.9#
77	0.0	24.9	37.3#

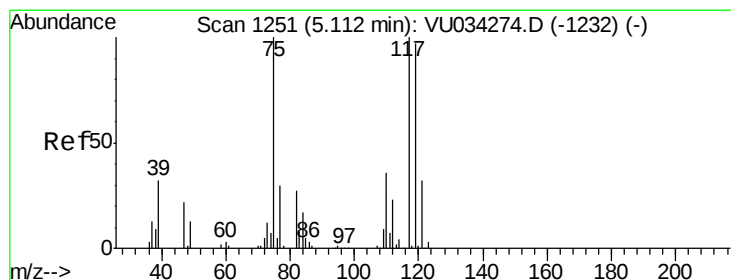
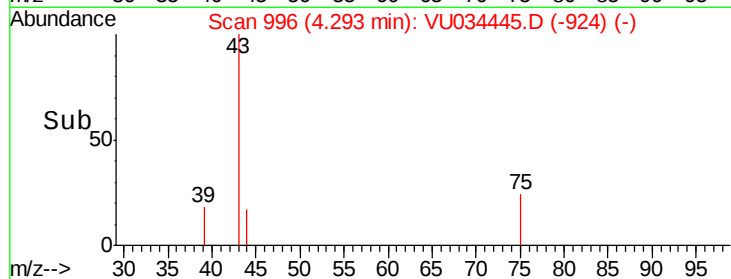
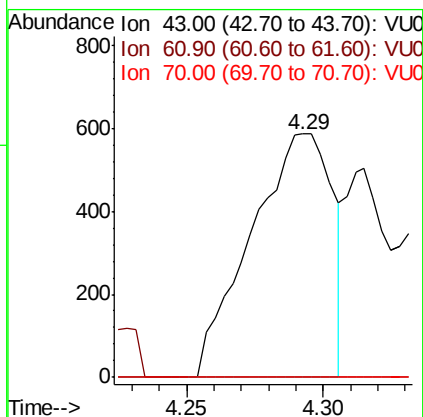
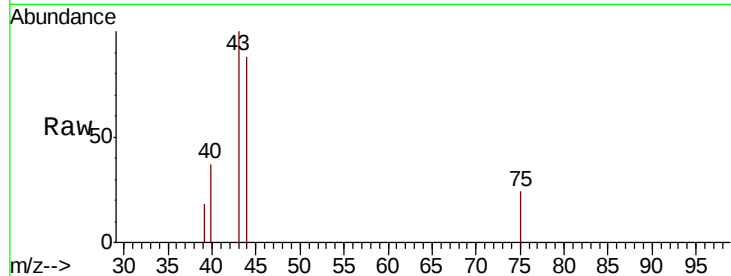




#37
Ethyl Acetate
Concen: 0.254 ug/l
RT: 4.29 min Scan# 996
Delta R.T. -0.07 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

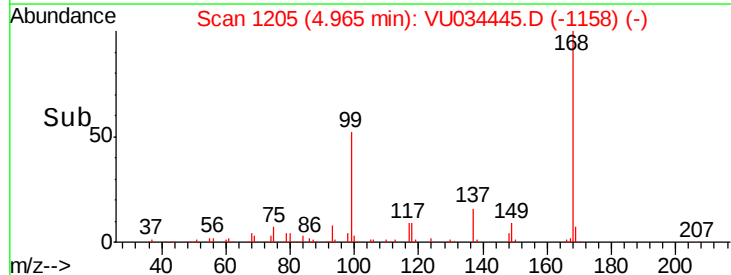
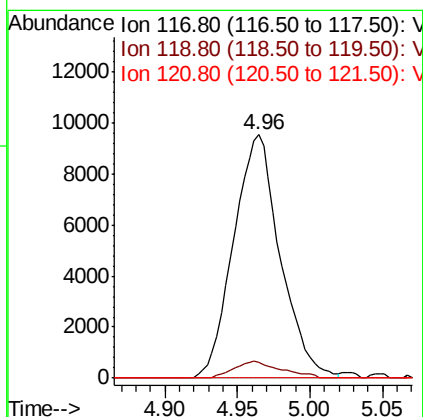
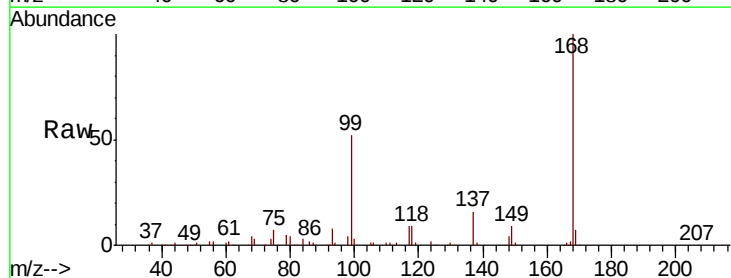
Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

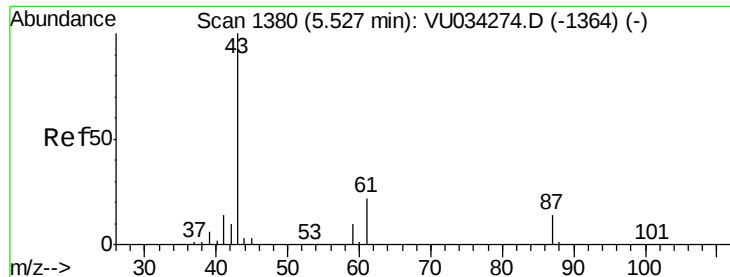
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
61 0.0 12.3 18.5#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 4.923 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion: 117 Resp: 21316
Ion Ratio Lower Upper
117 100
119 6.5 77.8 116.6#
121 0.0 25.2 37.8#





#43

Isopropyl Acetate

Concen: 8.043 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampled :

PAR-D2-(0)

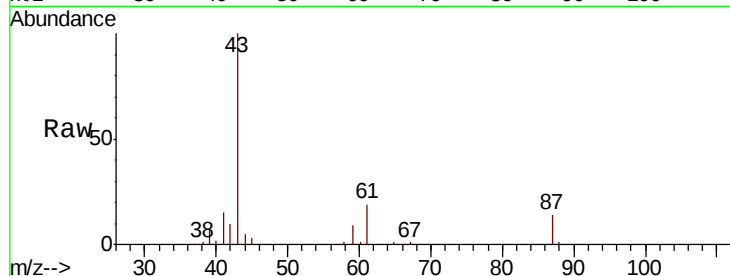
Tgt Ion: 43 Resp: 60153

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

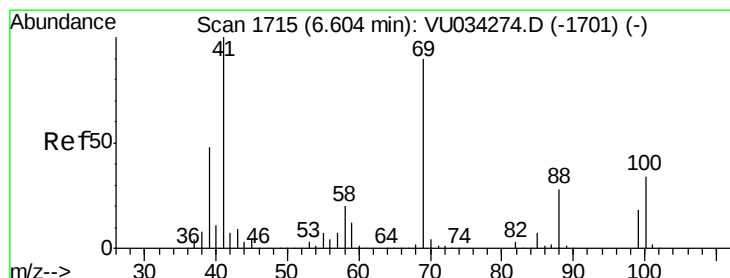
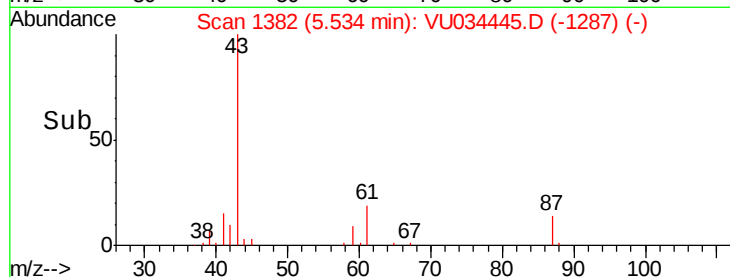
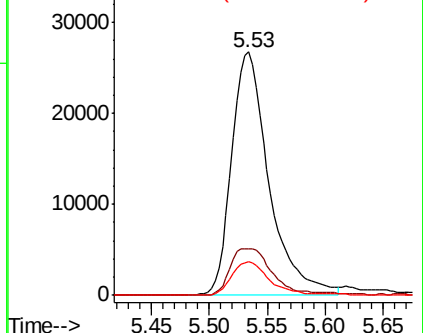
87 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034445.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034445.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034445.D (-1382) (-)



#48

Methyl methacrylate

Concen: 27.266 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.08 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

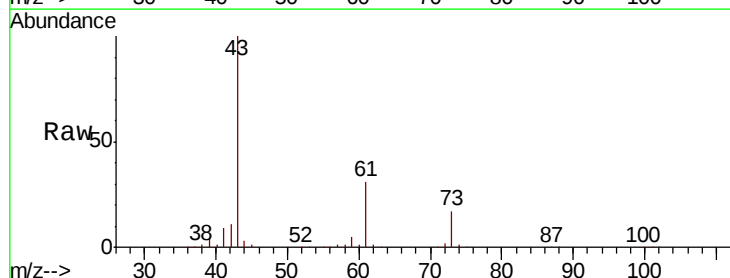
Tgt Ion: 41 Resp: 96850

Ion Ratio Lower Upper

41 100

69 0.0 72.8 109.2#

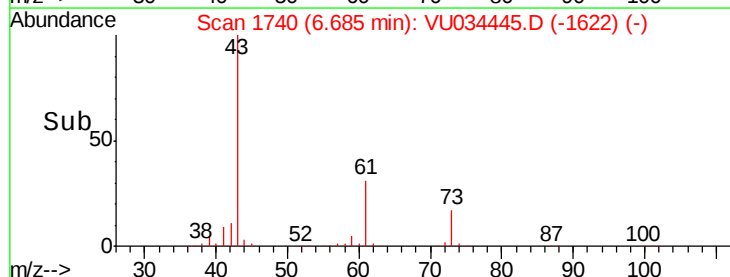
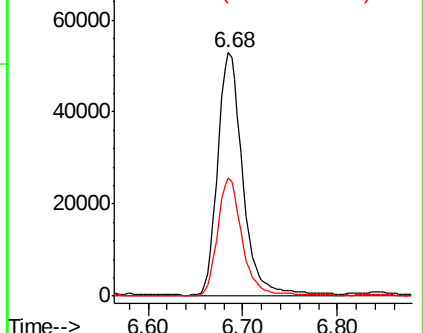
39 47.2 38.6 58.0

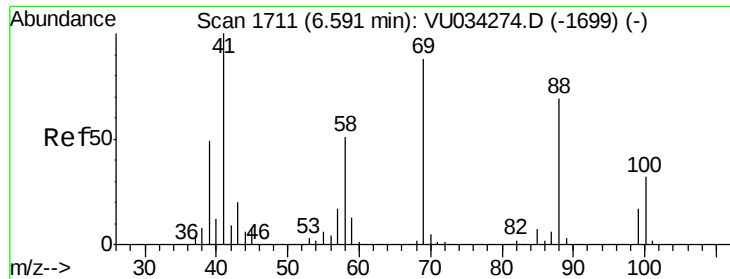


Abundance Ion 41.00 (40.70 to 41.70): VU034445.D (-1740) (-)

Ion 69.00 (68.70 to 69.70): VU034445.D (-1740) (-)

Ion 39.00 (38.70 to 39.70): VU034445.D (-1740) (-)

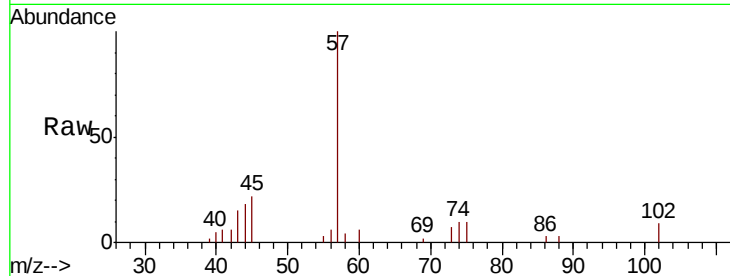




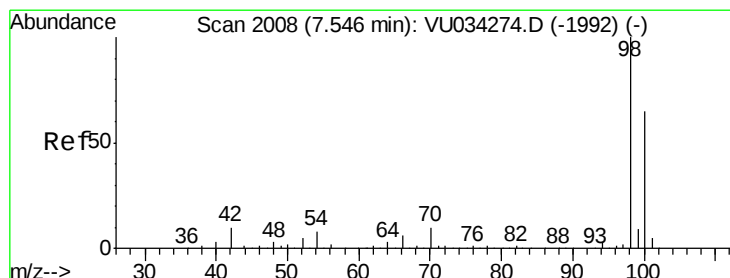
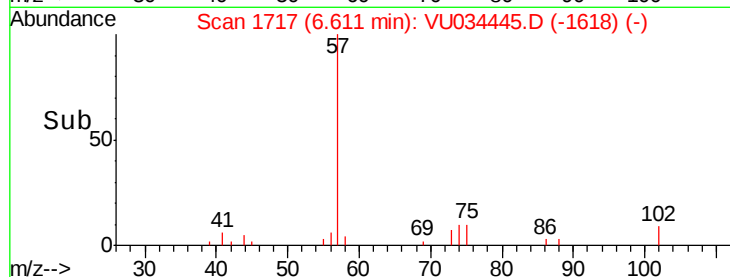
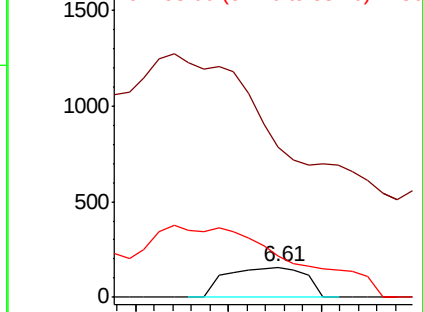
#49
1,4-Dioxane
Concen: 2.385 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 0.0 58.4 87.6#

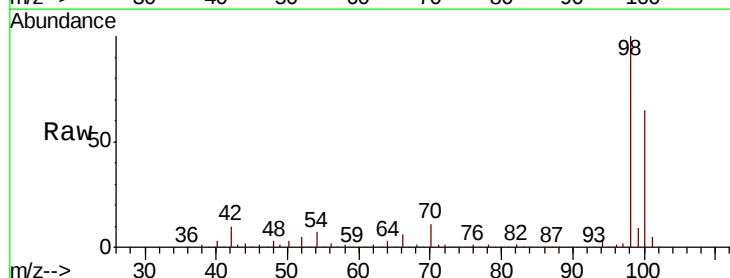


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

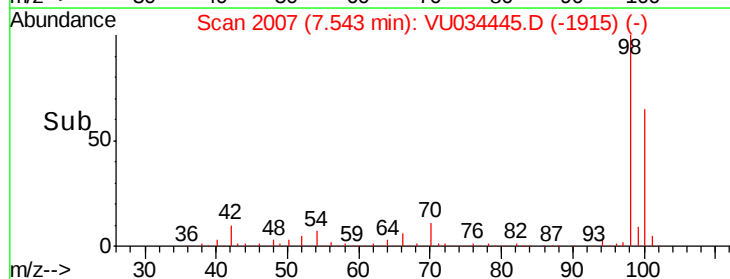
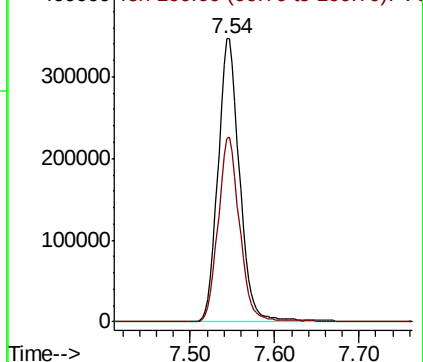


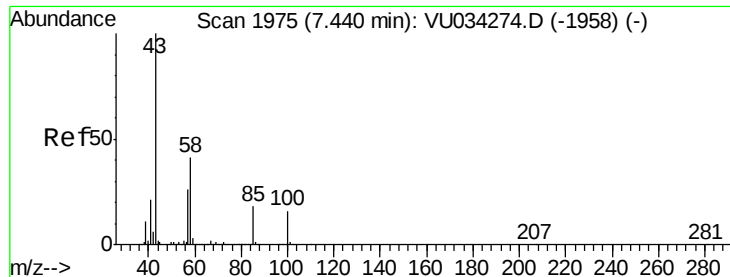
#50
Toluene-d8
Concen: 47.373 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion: 98 Resp: 619200
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



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

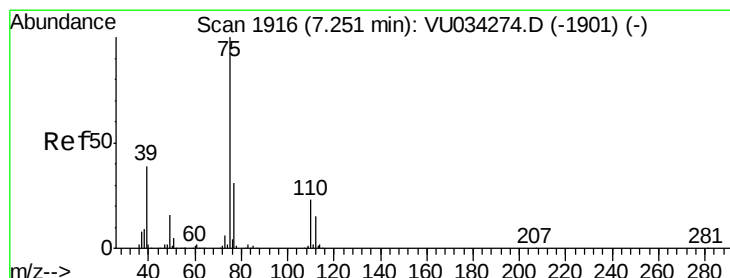
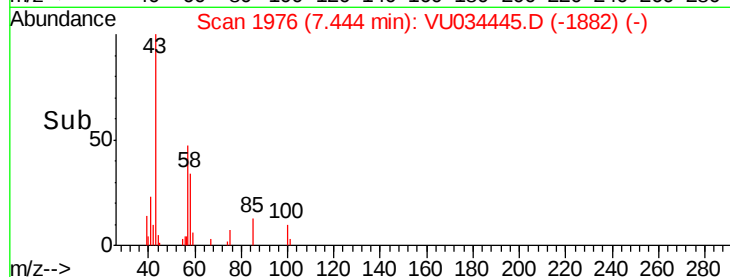
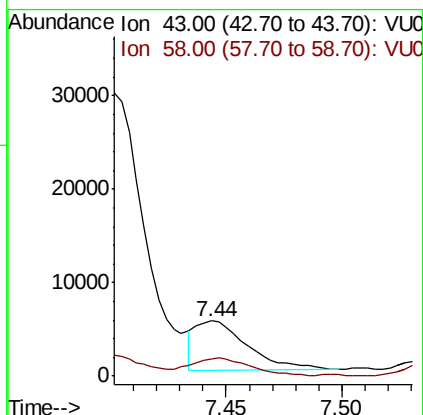
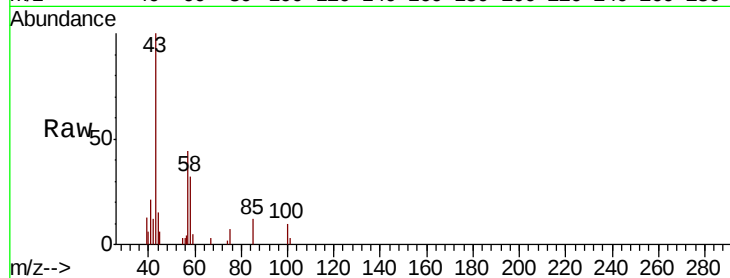




#51
 4-Methyl-2-Pentanone
 Concen: 1.604 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

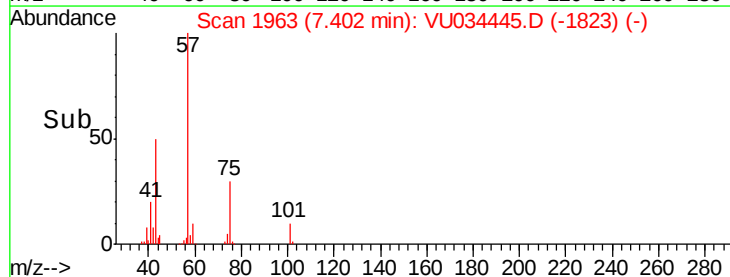
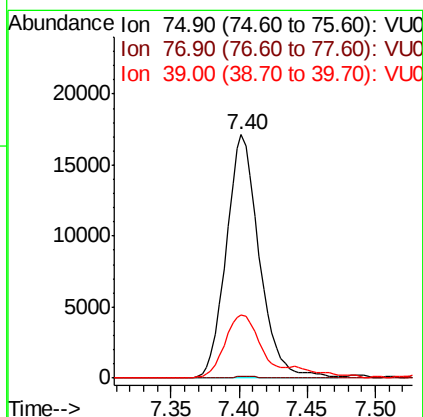
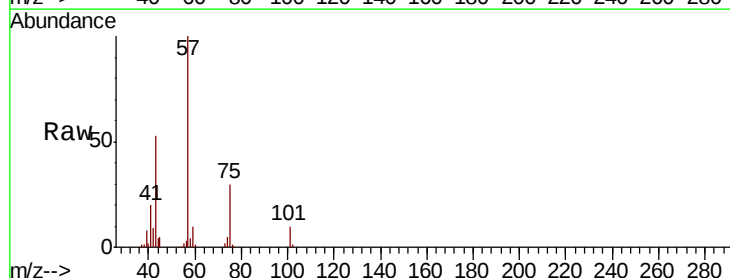
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

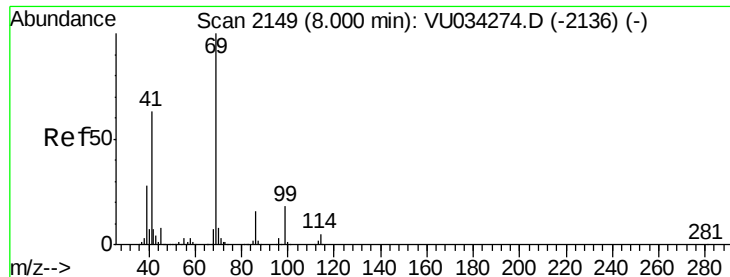
Tgt Ion: 43 Resp: 8301
 Ion Ratio Lower Upper
 43 100
 58 43.7 33.0 49.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.119 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion: 75 Resp: 28781
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.1 37.7#
 39 25.8 31.2 46.8#

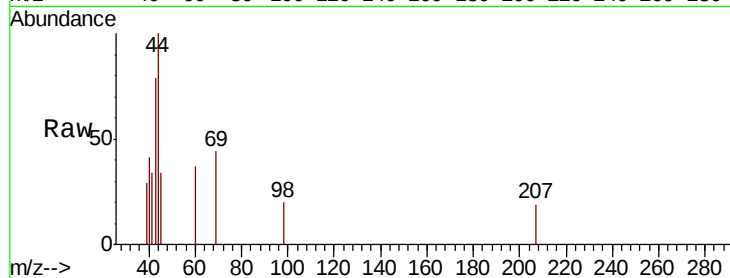




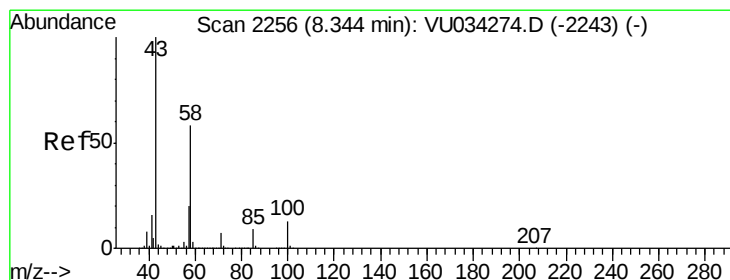
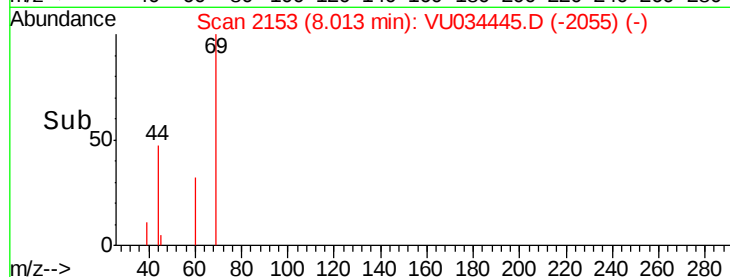
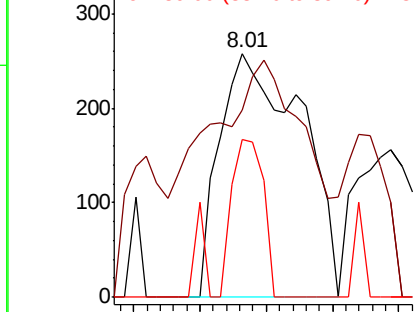
#56
Ethyl methacrylate
Concen: 3.150 ug/l
RT: 8.01 min Scan# 2153
Delta R.T. 0.01 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

Tgt Ion: 69 Resp: 443
Ion Ratio Lower Upper
69 100
41 0.0 49.5 74.3#
39 0.0 22.5 33.7#

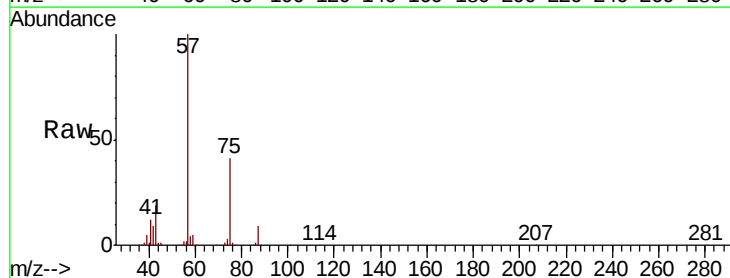


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

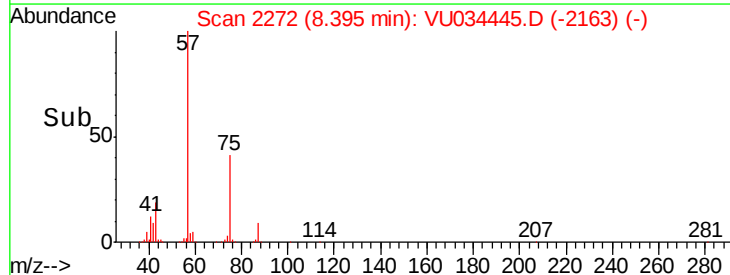
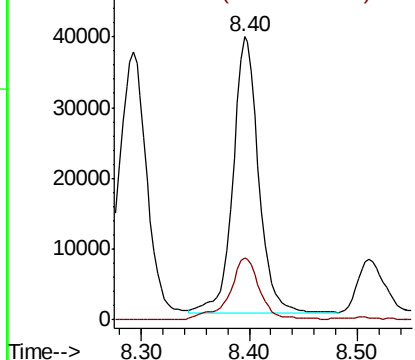


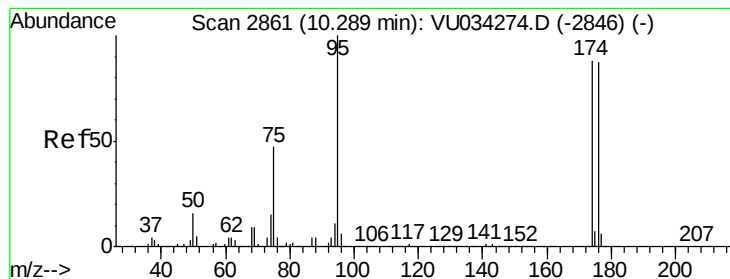
#59
2-Hexanone
Concen: 16.657 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion: 43 Resp: 64419
Ion Ratio Lower Upper
43 100
58 26.9 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: 41.762 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(0)

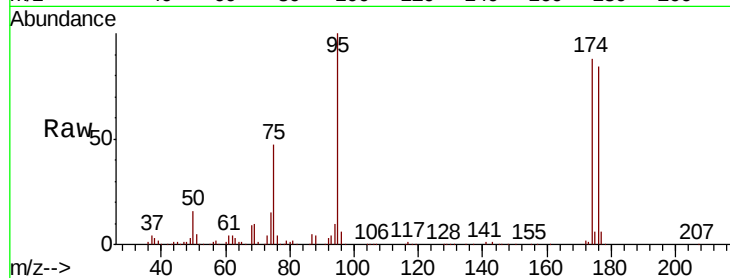
Tgt Ion: 95 Resp: 210753

Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.2

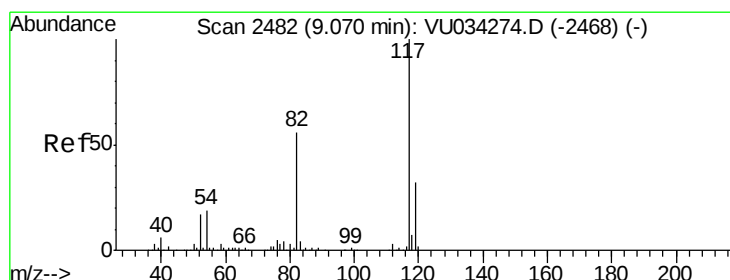
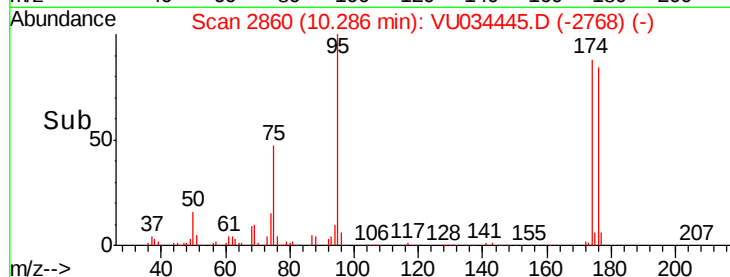
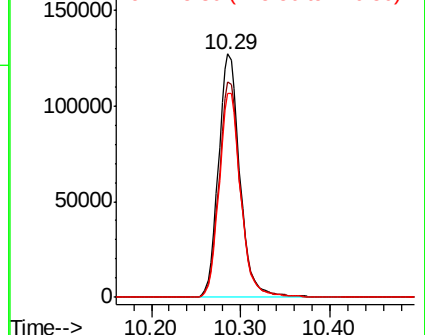
176 84.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

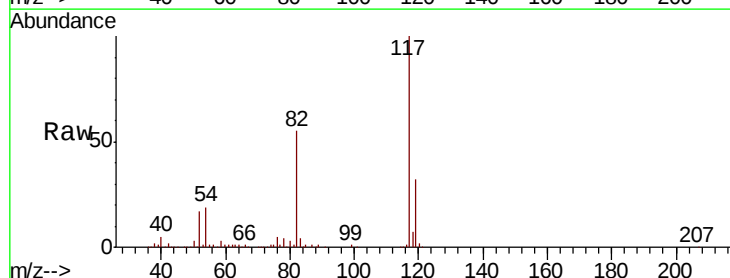
Tgt Ion: 117 Resp: 391381

Ion Ratio Lower Upper

117 100

82 54.6 44.6 67.0

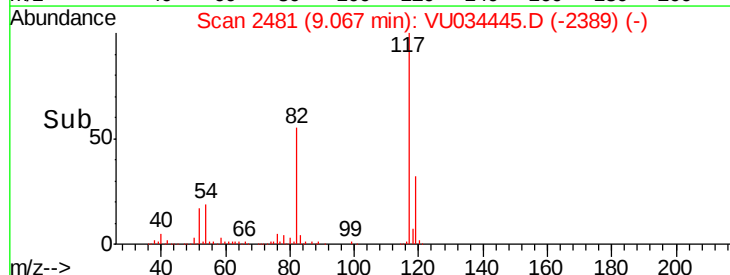
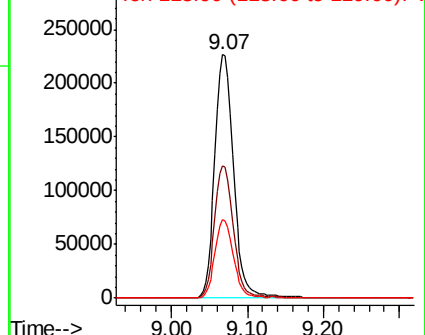
119 32.0 25.9 38.9

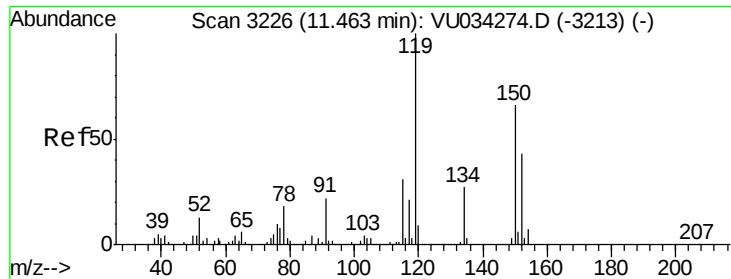


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(0)

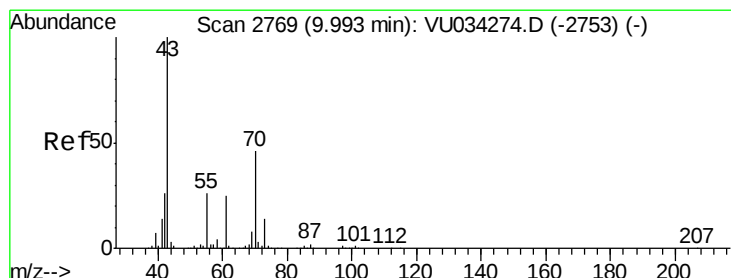
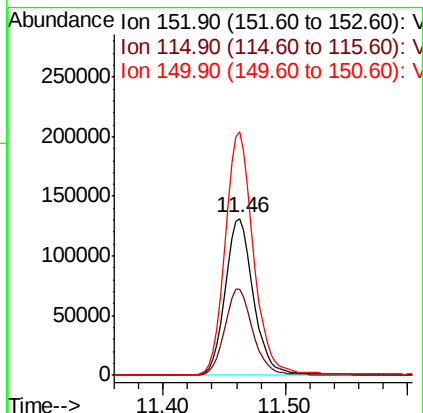
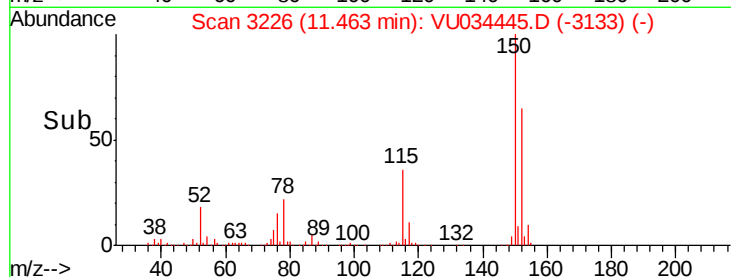
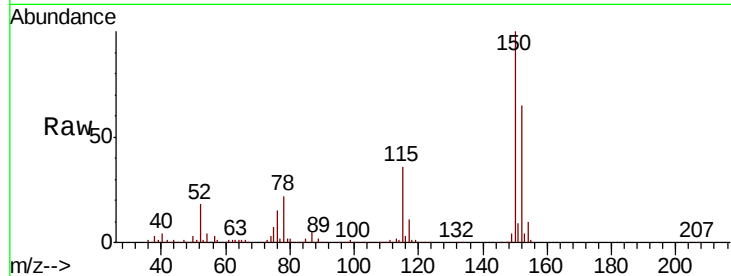
Tgt Ion:152 Resp: 214429

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 156.2 0.0 345.4



#74

N-ethyl acetate

Concen: 0.226 ug/l

RT: 10.01 min Scan# 2774

Delta R.T. 0.02 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Tgt Ion: 43 Resp: 1271

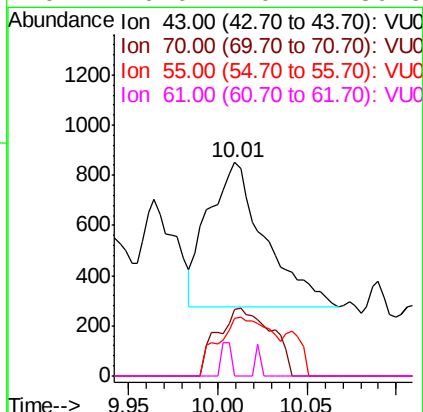
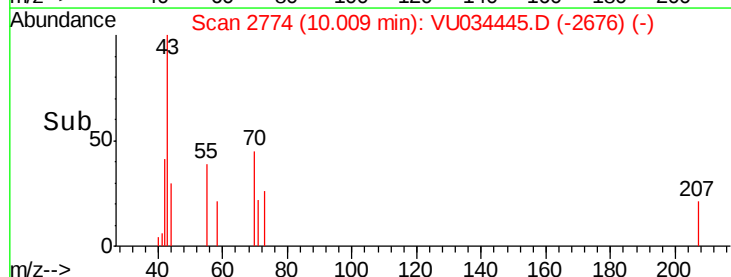
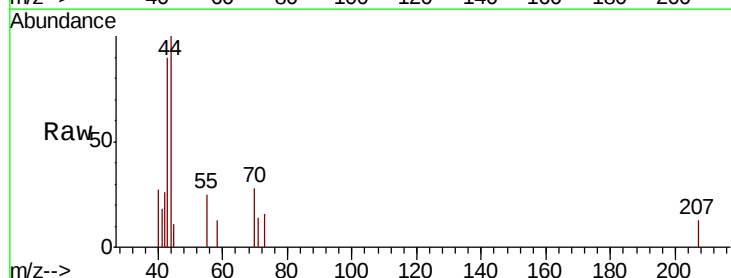
Ion Ratio Lower Upper

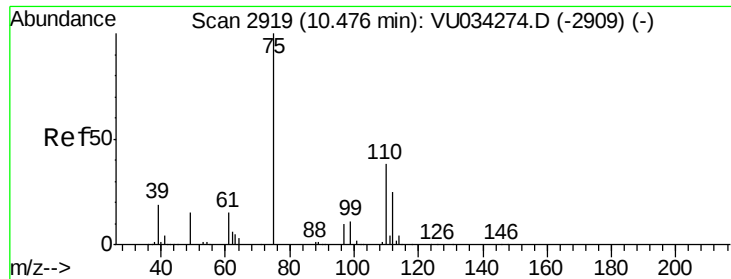
43 100

70 44.4 36.4 54.6

55 38.1 21.2 31.8#

61 0.0 20.4 30.6#





#76

1,2,3-Trichloropropane

Concen: 21.164 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

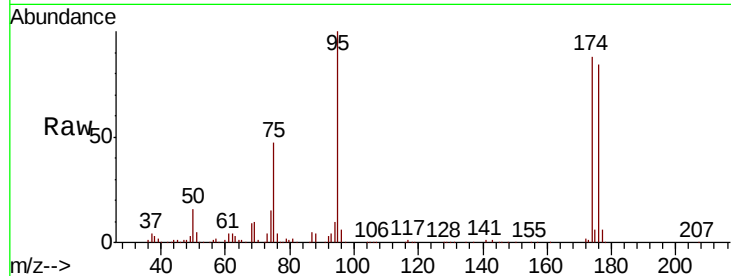
PAR-D2-(0)

Tgt Ion: 75 Resp: 99060

Ion Ratio Lower Upper

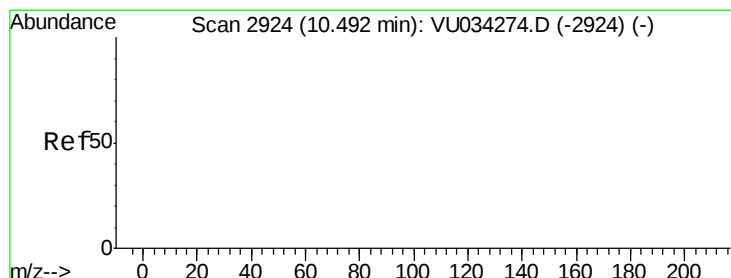
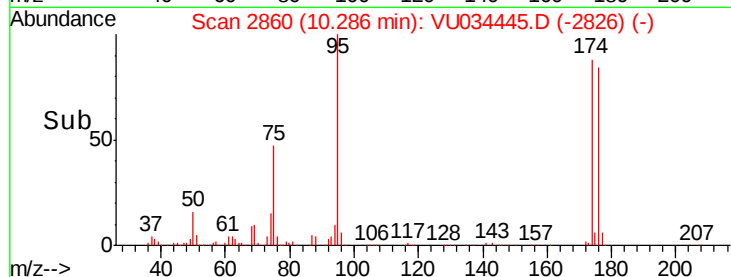
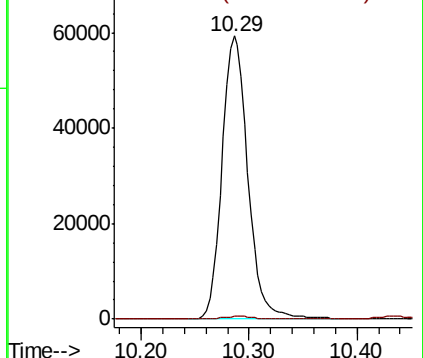
75 100

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: 71.173 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

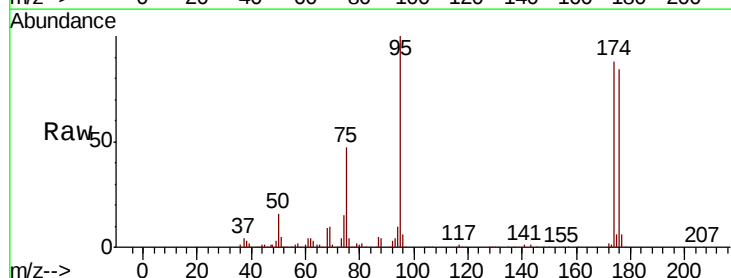
Tgt Ion: 75 Resp: 99060

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

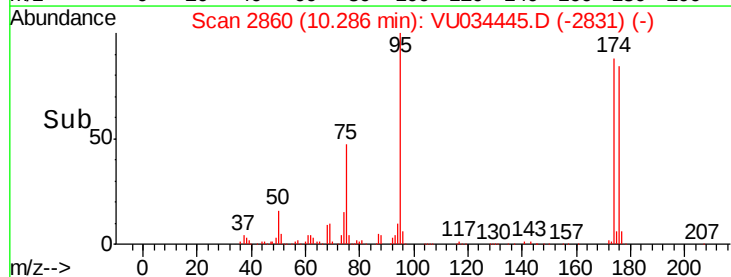
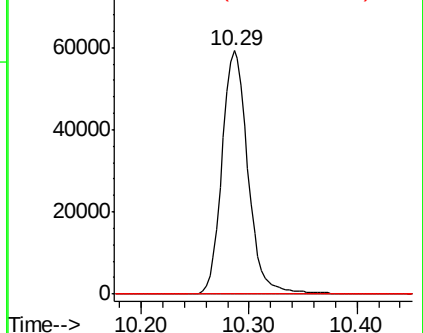
89 0.0 0.0 0.0

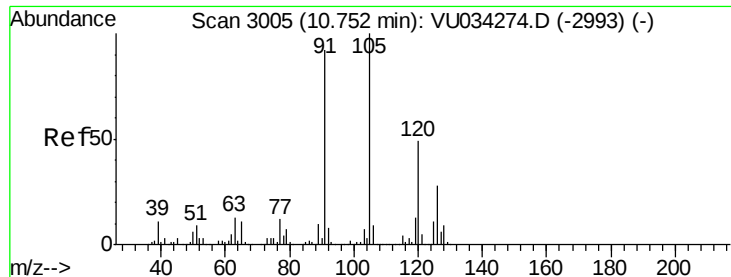


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

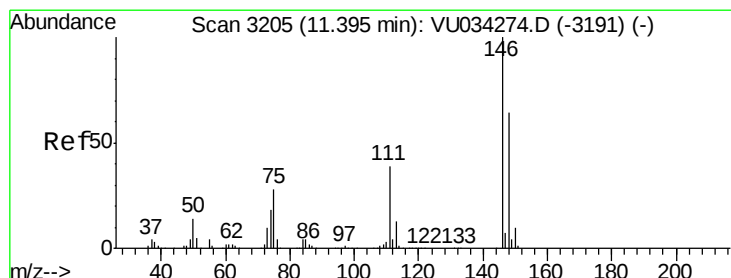
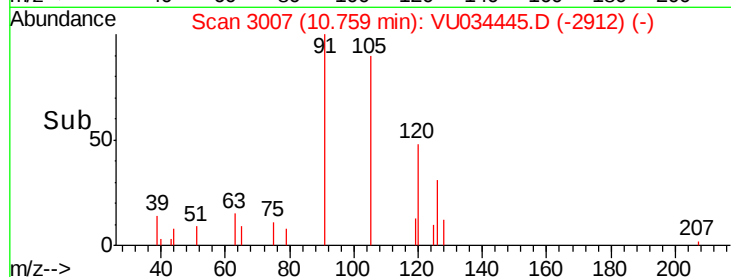
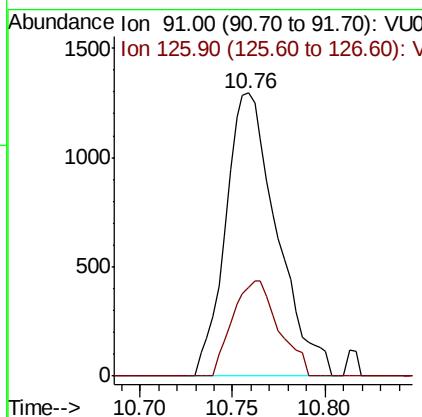
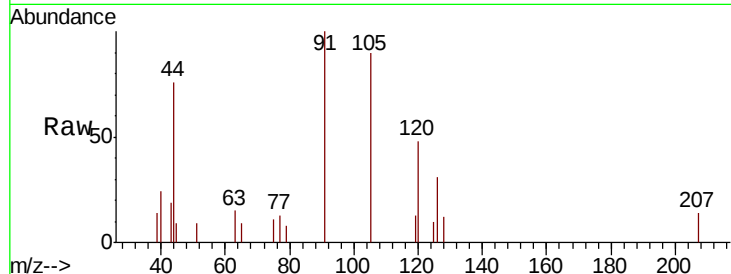




#82
 4-Chlorotoluene
 Concen: 0.220 ug/l
 RT: 10.76 min Scan# 3007
 Delta R.T. 0.01 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

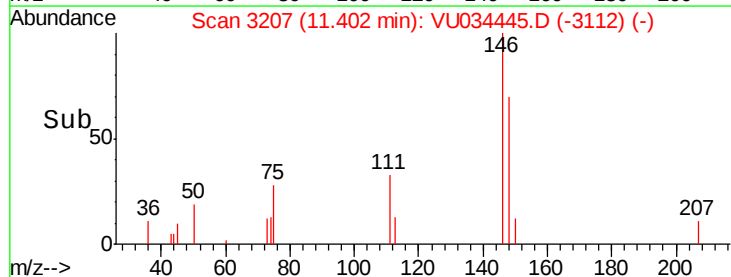
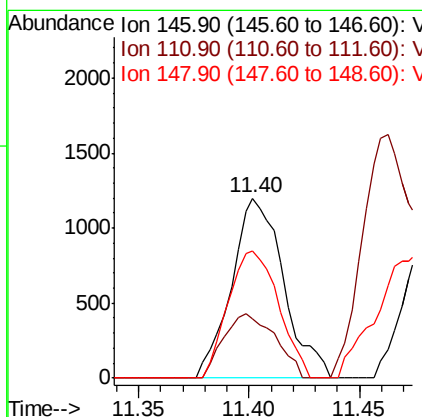
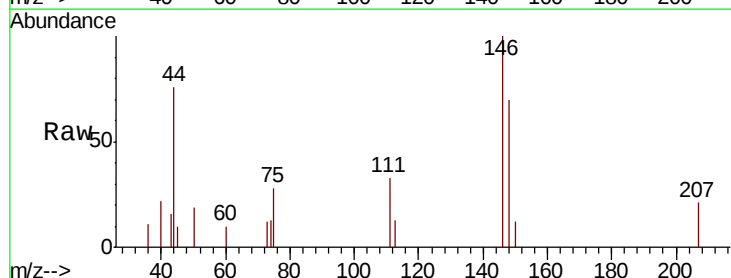
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

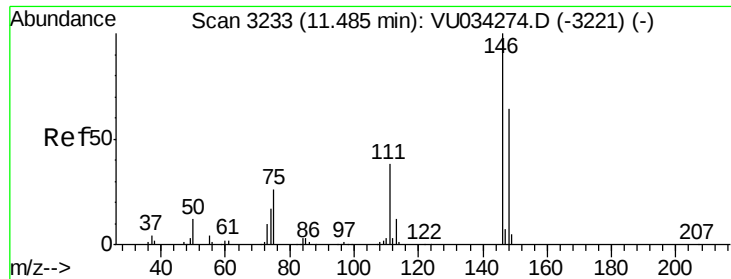
Tgt Ion: 91 Resp: 2491
 Ion Ratio Lower Upper
 91 100
 126 30.1 15.3 45.8



#87
 1,3-Dichlorobenzene
 Concen: 0.276 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion: 146 Resp: 1962
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.5 58.5
 148 68.0 32.1 96.3

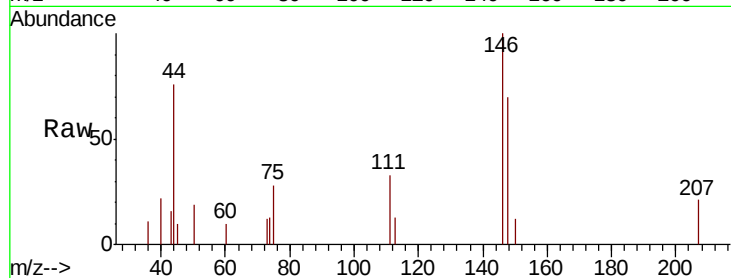




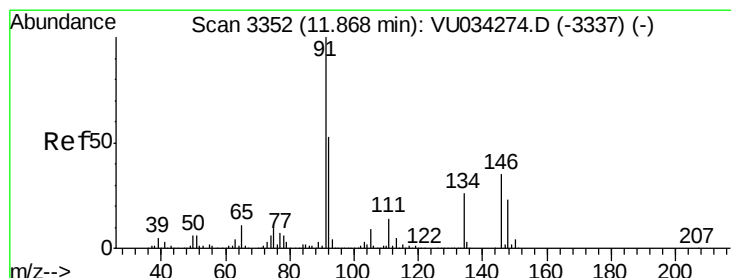
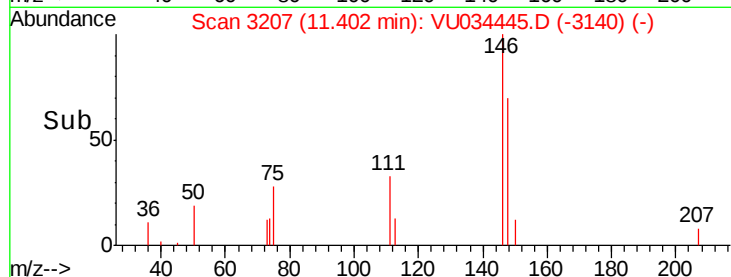
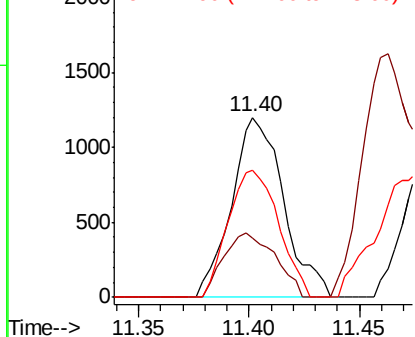
#88
 1,4-Dichlorobenzene
 Concen: 0.264 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.08 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

Tgt Ion: 146 Resp: 1962
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.1 57.3
 148 68.0 32.0 96.0

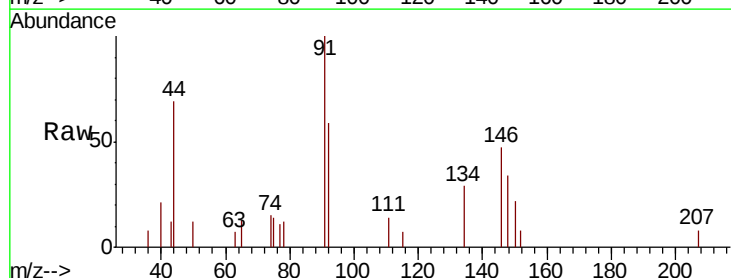


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

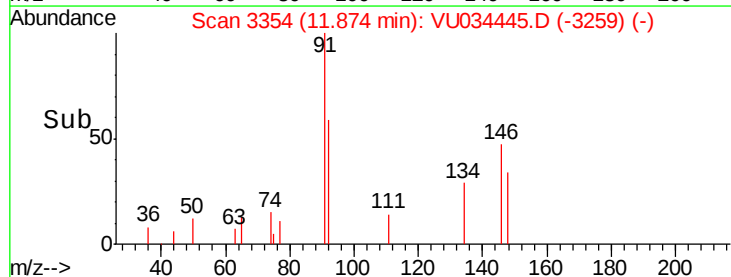
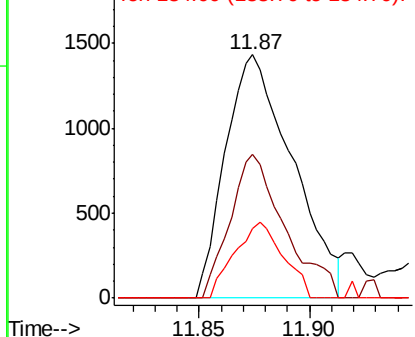


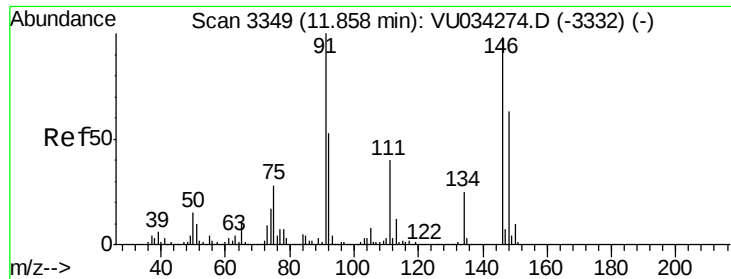
#89
 n-Butylbenzene
 Concen: 0.273 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.01 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion: 91 Resp: 3014
 Ion Ratio Lower Upper
 91 100
 92 48.4 26.5 79.4
 134 22.6 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

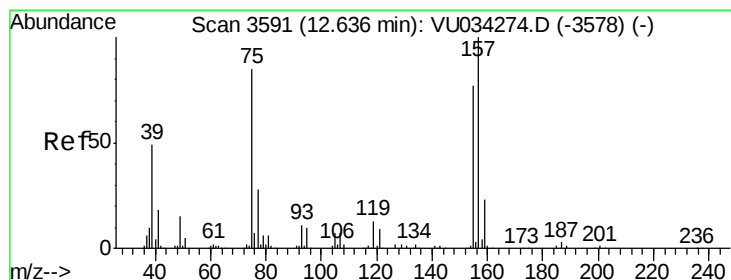
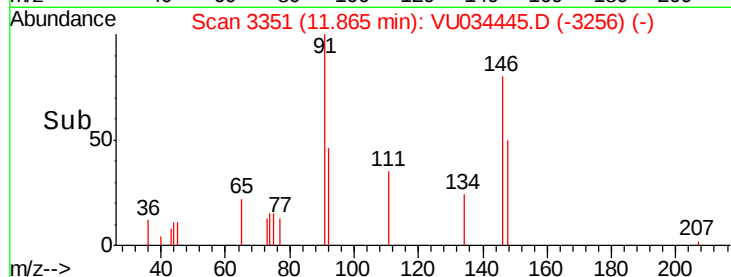
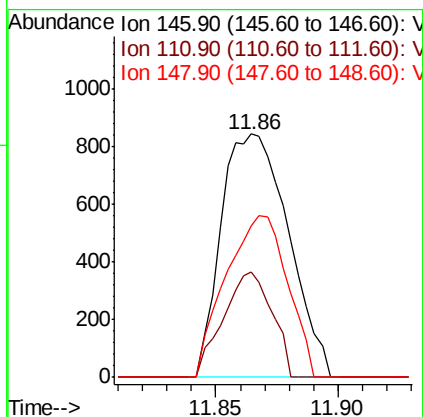
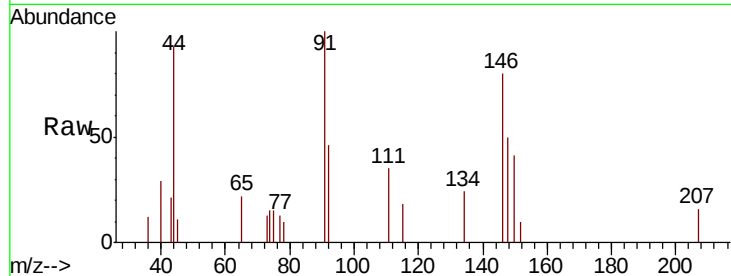




#91
 1,2-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.01 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

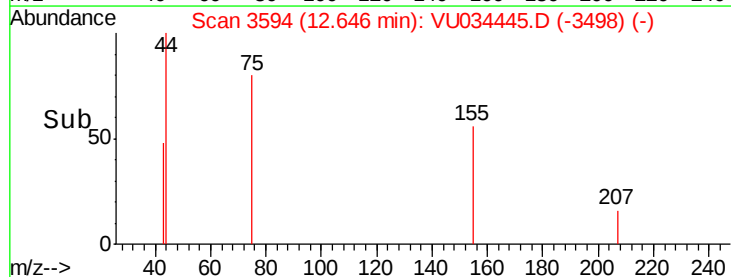
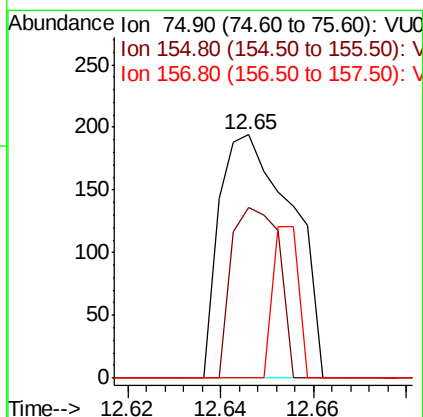
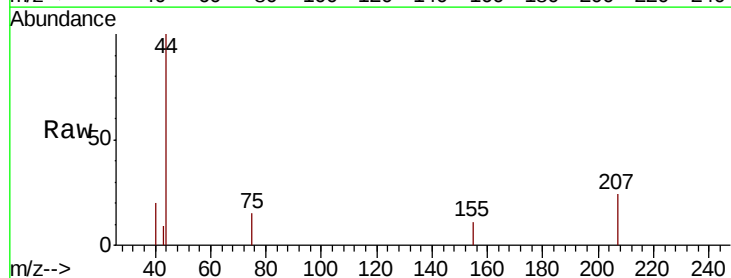
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D2-(0)

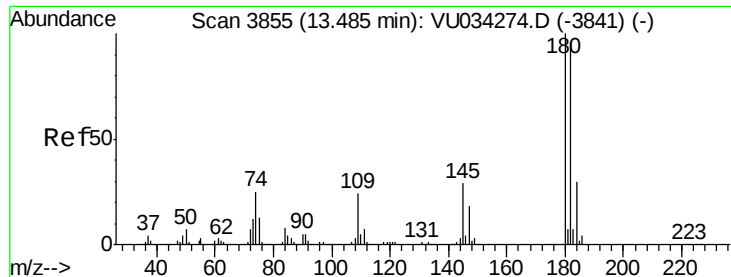
Tgt Ion: 146 Resp: 1611
 Ion Ratio Lower Upper
 146 100
 111 31.4 20.0 60.0
 148 61.1 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.204 ug/l
 RT: 12.65 min Scan# 3594
 Delta R.T. 0.01 min
 Lab File: VU034445.D
 Acq: 10 Sep 2019 12:52

Tgt Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 45.8 44.6 134.0
 157 22.2 58.2 174.6#





#93

1,2,4-Trichlorobenzene

Concen: 3.770 ug/l

RT: 13.51 min Scan# 3862

Delta R.T. 0.02 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

PAR-D2-(0)

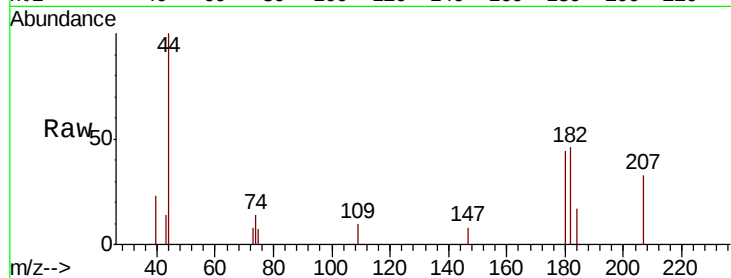
Tgt Ion:180 Resp: 1736

Ion Ratio Lower Upper

180 100

182 113.9 47.9 143.8

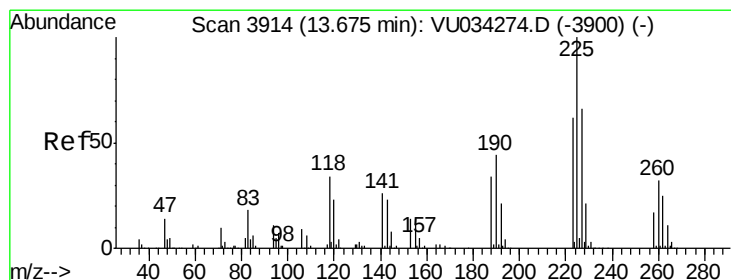
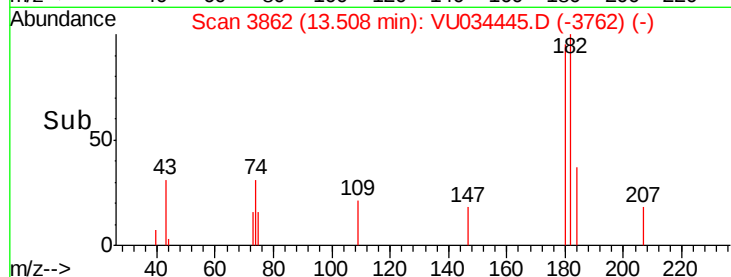
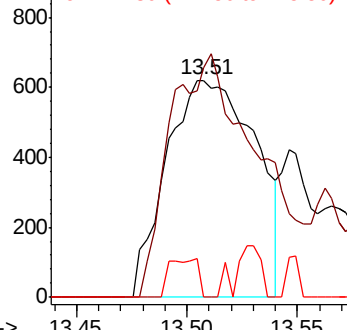
145 5.8 14.4 43.0#



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



#94

Hexachlorobutadiene

Concen: 0.525 ug/l

RT: 13.67 min Scan# 3912

Delta R.T. -0.01 min

Lab File: VU034445.D

Acq: 10 Sep 2019 12:52

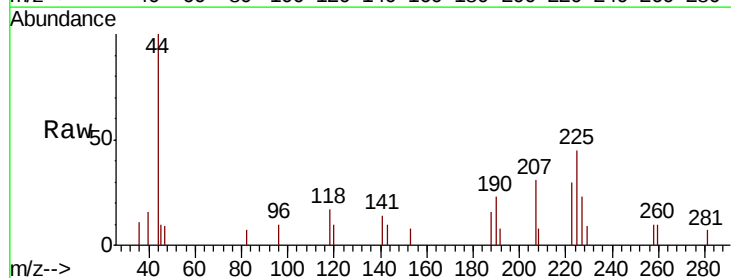
Tgt Ion:225 Resp: 1285

Ion Ratio Lower Upper

225 100

223 58.8 31.6 94.7

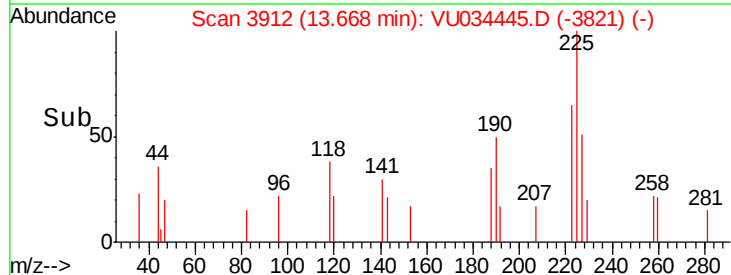
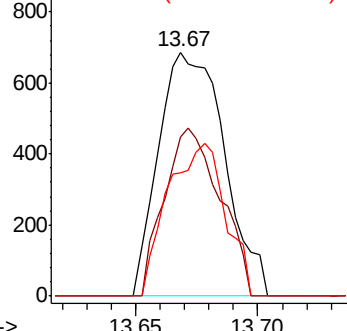
227 54.9 32.3 96.8

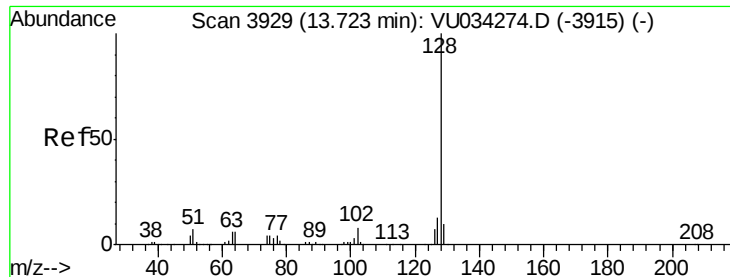


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

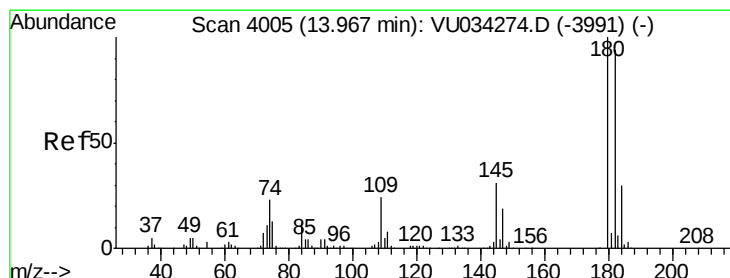
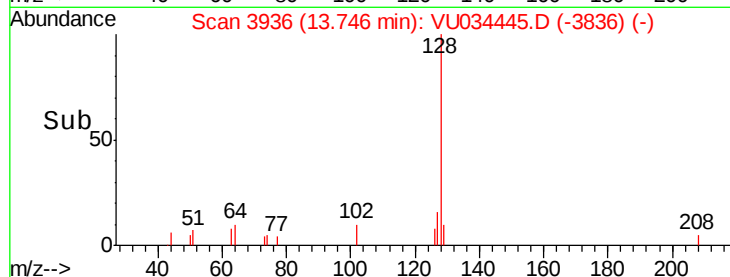
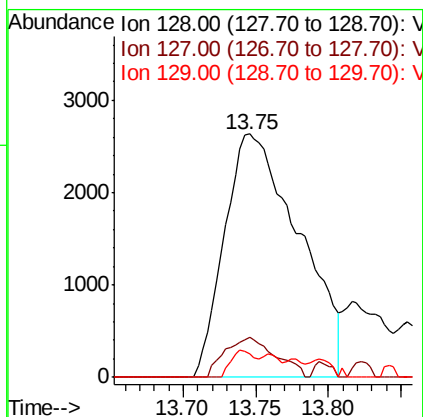
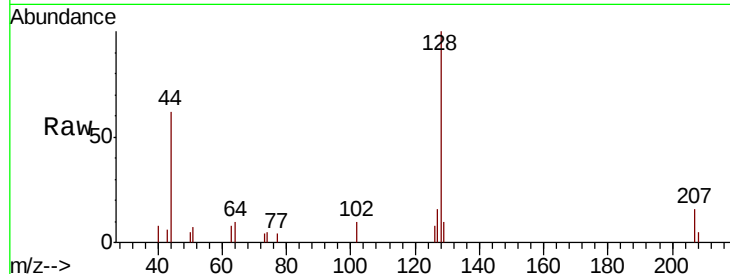




#95
Naphthalene
Concen: 4.572 ug/l
RT: 13.75 min Scan# 3936
Delta R.T. 0.02 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Instrument :
MSVOA_U
ClientSampleId :
PAR-D2-(0)

Tgt Ion:128 Resp: 9400
Ion Ratio Lower Upper
128 100
127 11.0 10.6 15.8
129 3.6 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.125 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.02 min
Lab File: VU034445.D
Acq: 10 Sep 2019 12:52

Tgt Ion:180 Resp: 2517
Ion Ratio Lower Upper
180 100
182 132.3 48.4 145.0
145 27.3 15.4 46.4

