

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045936.D
 Acq On : 23 Nov 2021 00:38
 Operator : SY/MD
 Sample : M4775-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 06:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

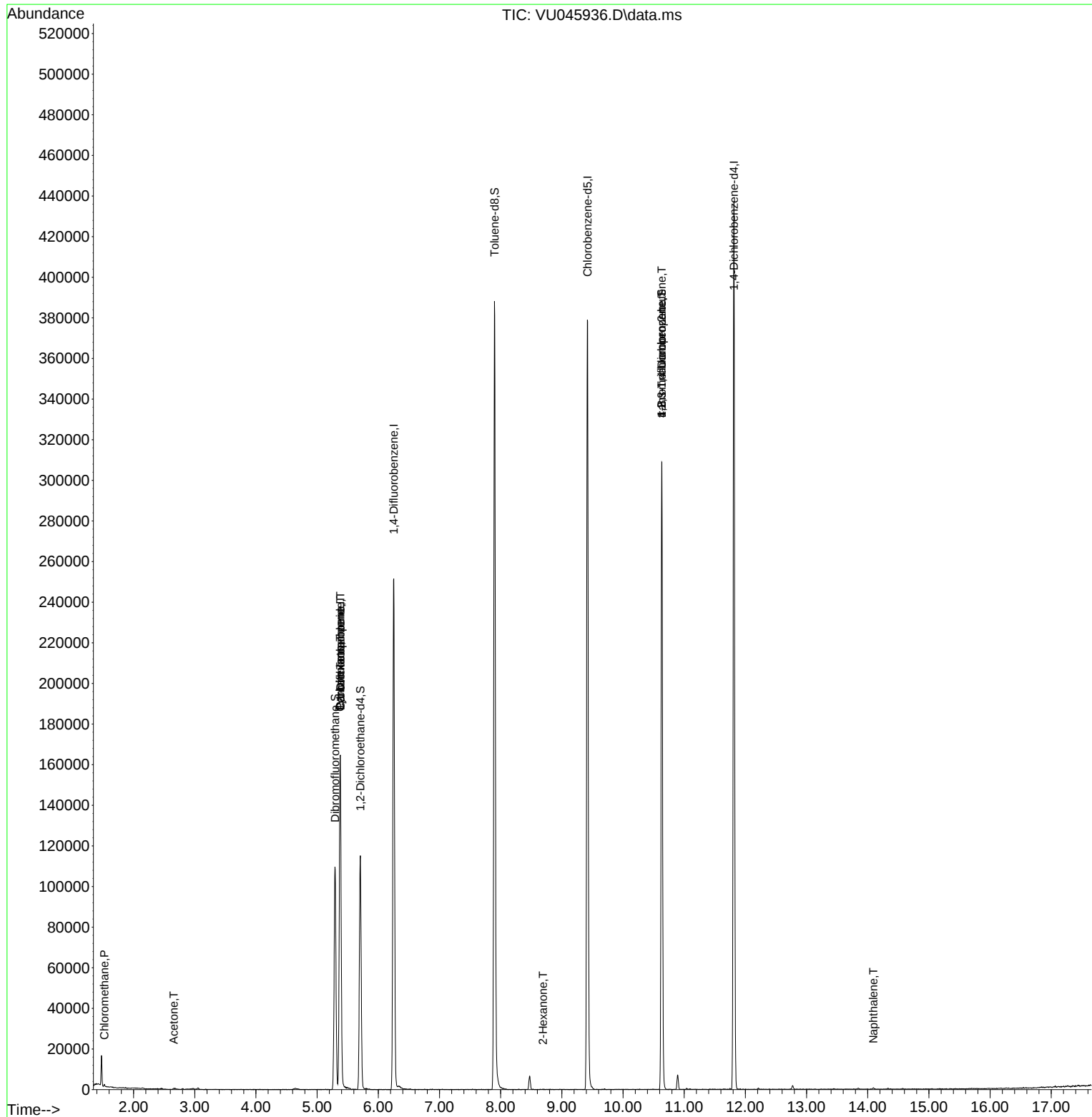
Internal Standards						
1) Pentafluorobenzene	5.379	168	113583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	204385	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	220152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	112136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	87110	51.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.420%	
35) Dibromofluoromethane	5.292	113	70066	51.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.700%	
50) Toluene-d8	7.899	98	271453	53.497	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	10.632	95	106015	52.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	777	0.461	ug/l	93
16) Acetone	2.658	43	478	0.552	ug/l	96
31) Cyclohexane	5.375	56	2356	0.949	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	9537	4.785	ug/l #	50
38) Carbon Tetrachloride	5.379	117	12334	6.139	ug/l #	15
59) 2-Hexanone	8.694	43	120	7.593	ug/l #	21
76) 1,2,3-Trichloropropane	10.632	75	56304	16.557	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	56304	53.986	ug/l #	12
95) Naphthalene	14.092	128	919	1.128	ug/l #	69

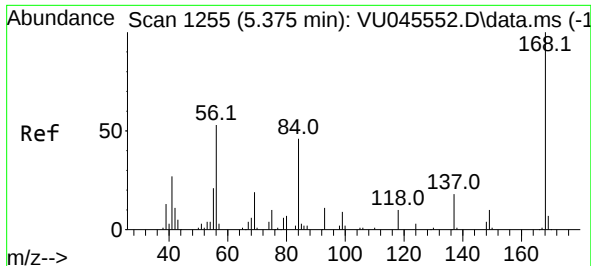
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

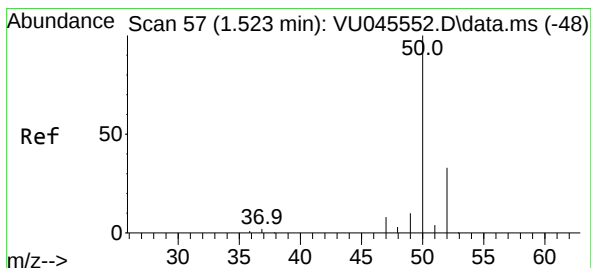
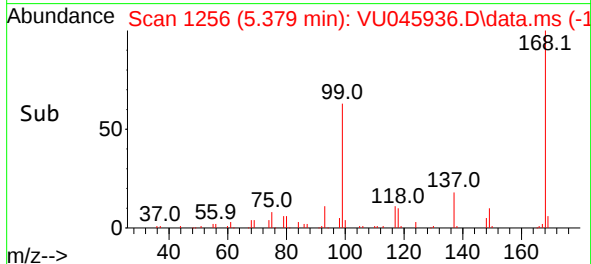
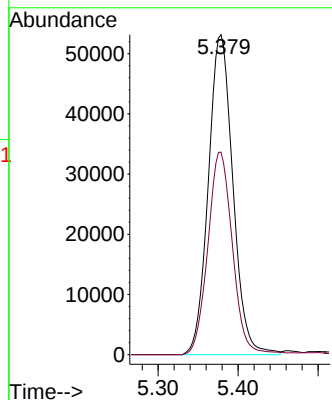
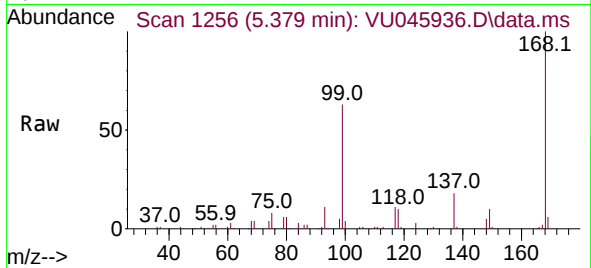




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

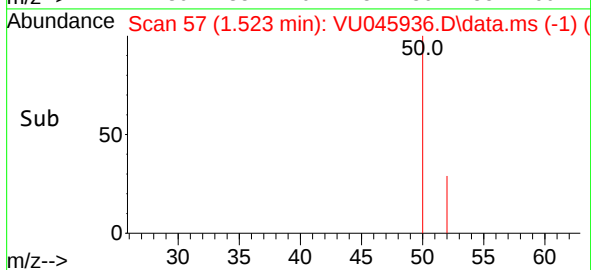
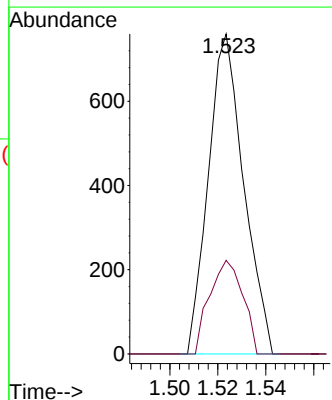
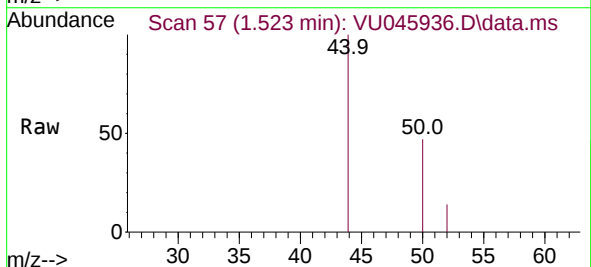
Instrument :
MSVOA_U
ClientSampleId :

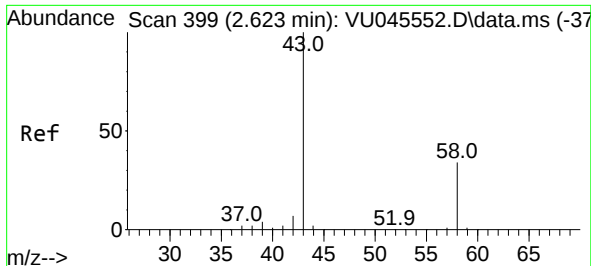
Tgt Ion:168 Resp: 113583
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#3
Chloromethane
Concen: 0.461 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 29.2 26.6 40.0

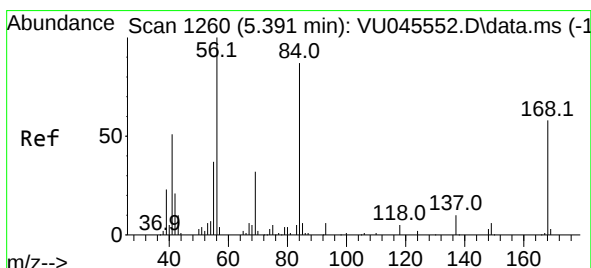
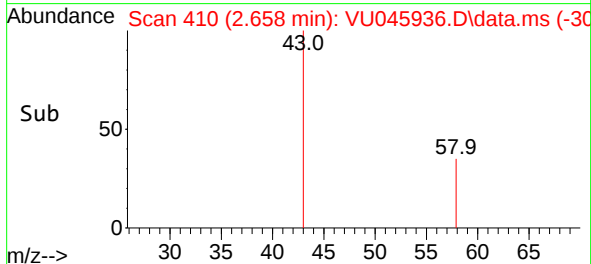
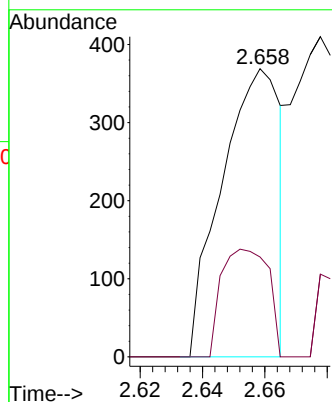
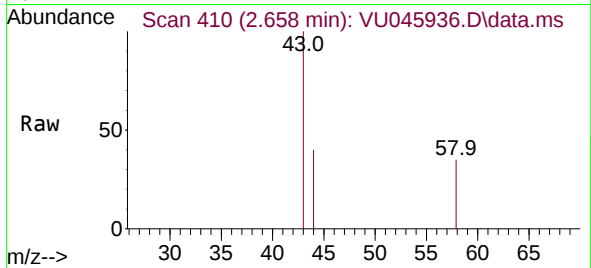




#16
Acetone
Concen: 0.552 ug/l
RT: 2.658 min Scan# 41
Delta R.T. 0.035 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

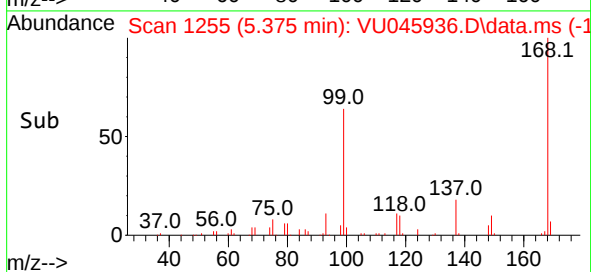
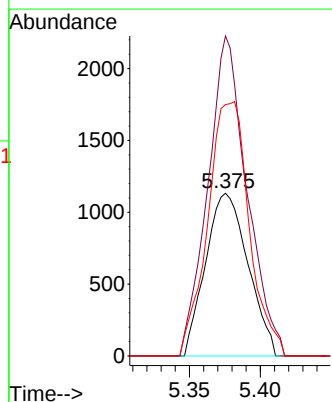
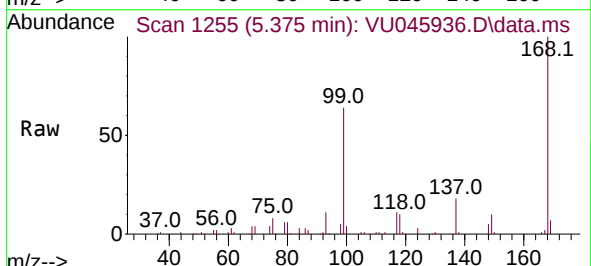
Instrument :
MSVOA_U
ClientSampleId :

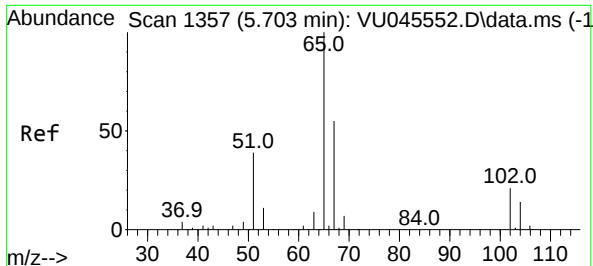
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 34.7 26.2 39.2



#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Tgt Ion: 56 Resp: 2356
Ion Ratio Lower Upper
56 100
69 196.7 26.4 39.6#
84 154.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 51.210 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045936.D

Acq: 23 Nov 2021 00:38

Instrument :

MSVOA_U

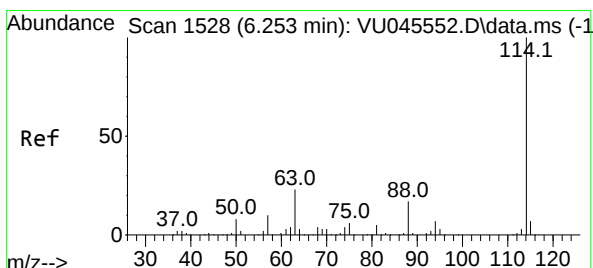
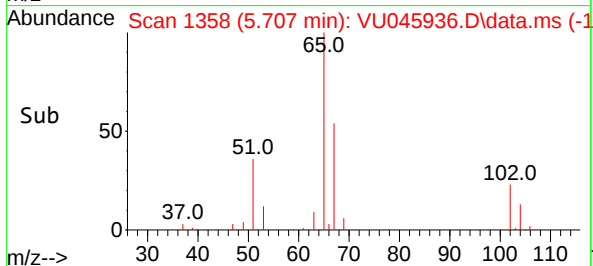
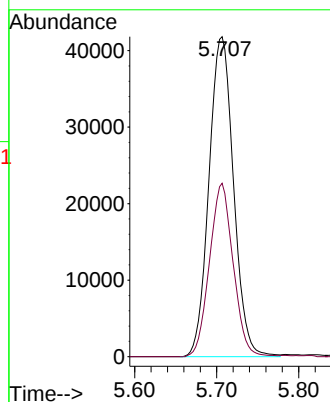
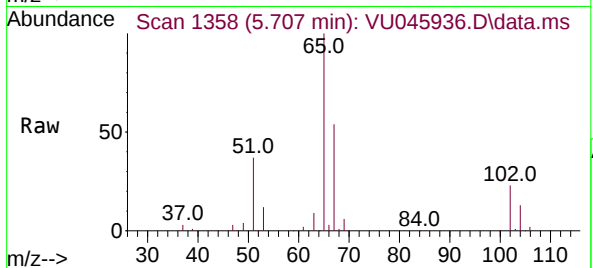
ClientSampleId :

Tgt Ion: 65 Resp: 87110

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045936.D

Acq: 23 Nov 2021 00:38

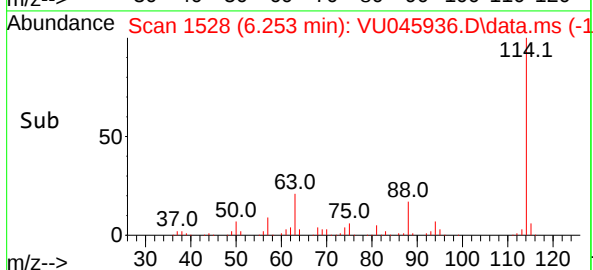
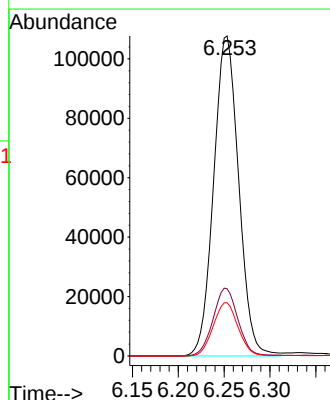
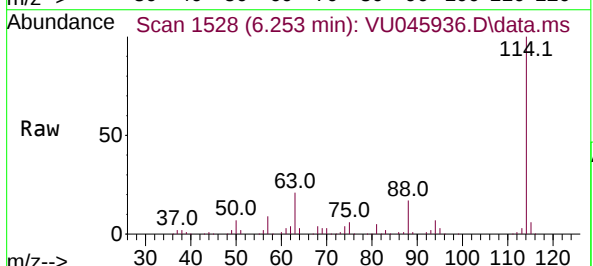
Tgt Ion: 114 Resp: 204385

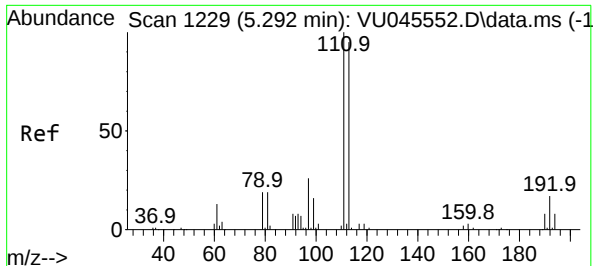
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.6

88 16.6 0.0 33.8

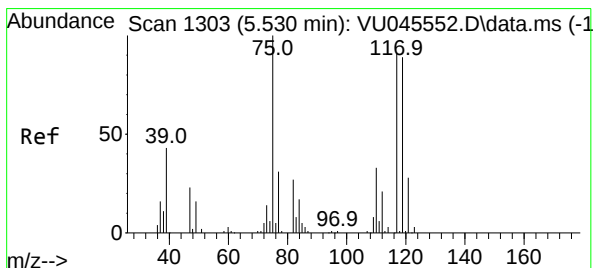
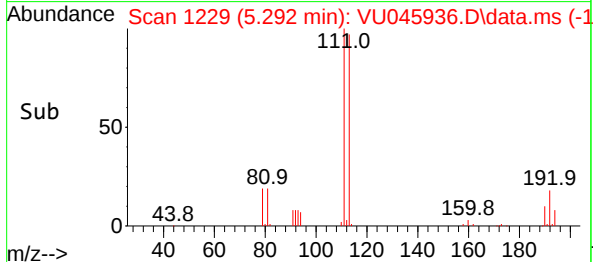
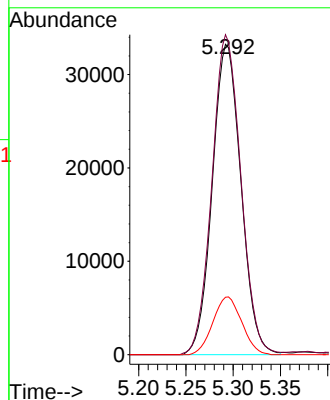
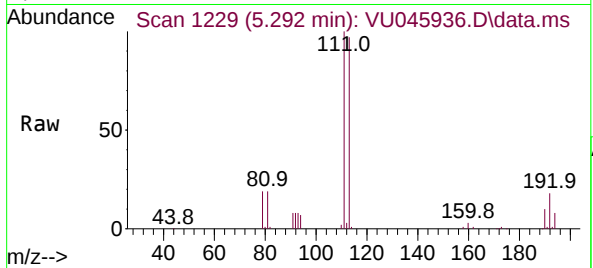




#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

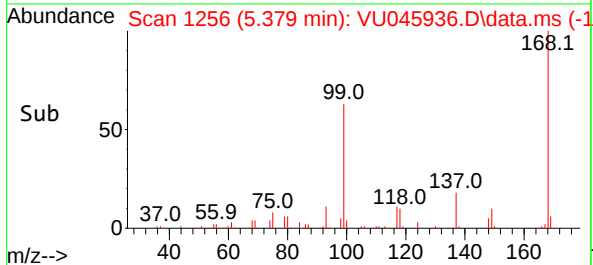
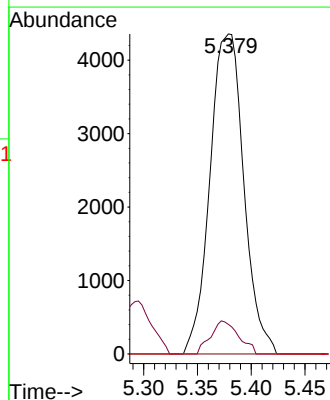
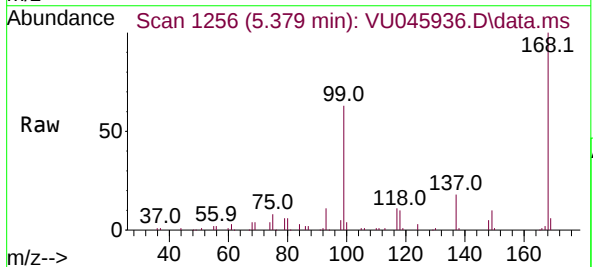
Instrument :
MSVOA_U
ClientSampleId :

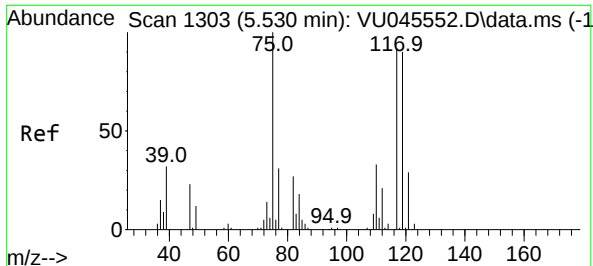
Tgt Ion:113 Resp: 70066
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

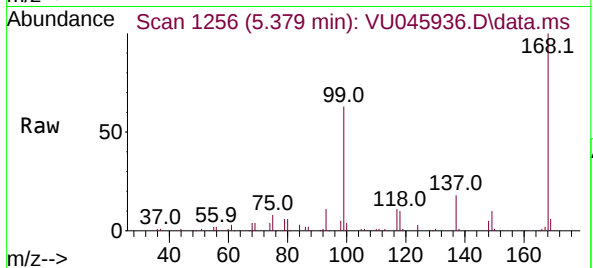
Tgt Ion: 75 Resp: 9537
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#



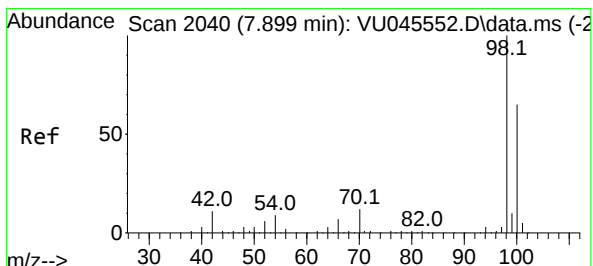
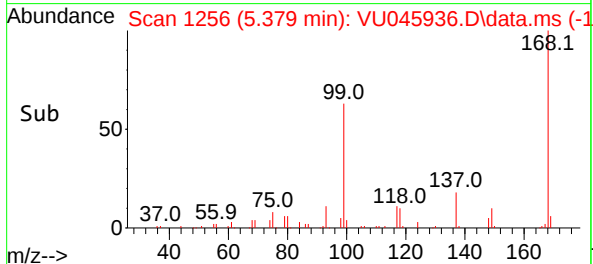
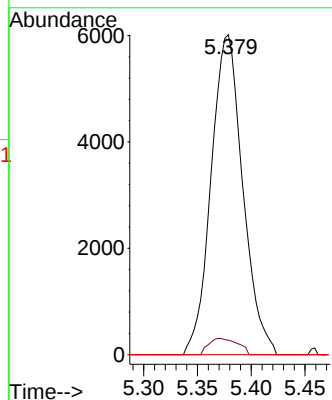


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Instrument :
MSVOA_U
ClientSampleId :

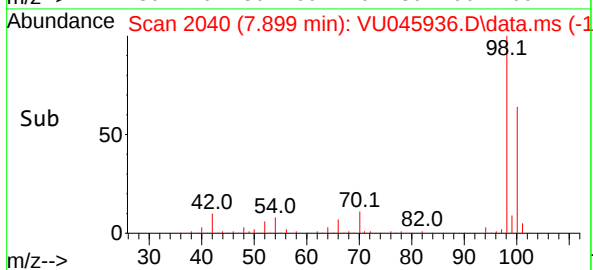
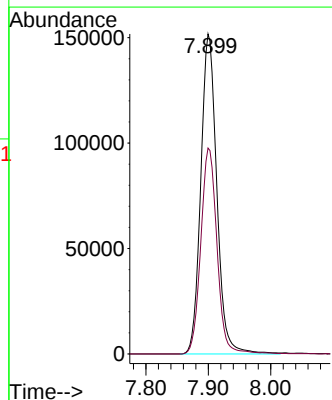
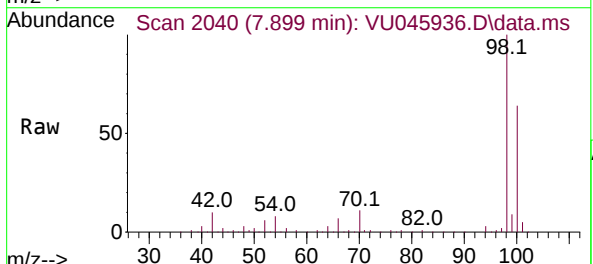


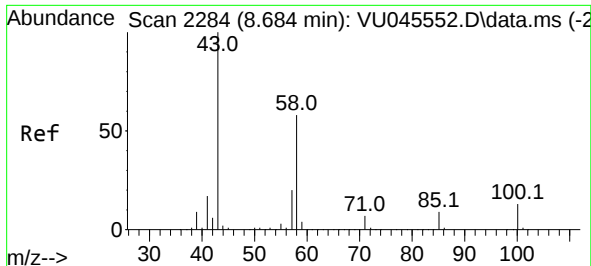
Tgt Ion:117 Resp: 12334
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.497 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Tgt Ion: 98 Resp: 271453
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

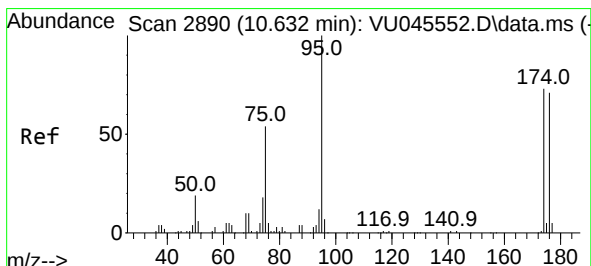
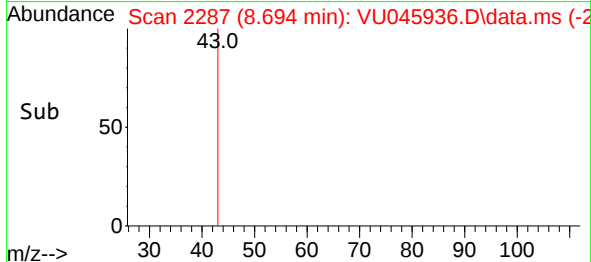
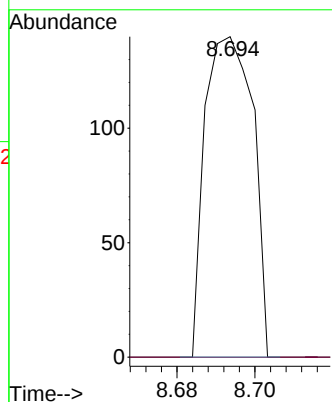
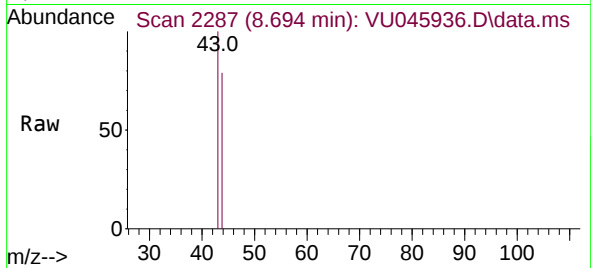




#59
2-Hexanone
Concen: 7.593 ug/l
RT: 8.694 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

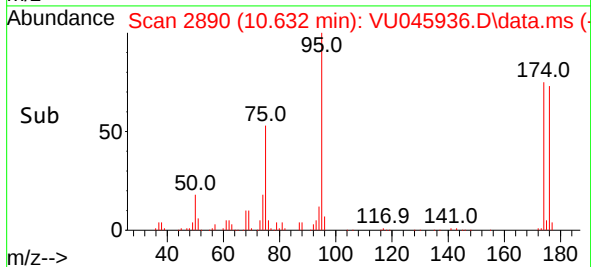
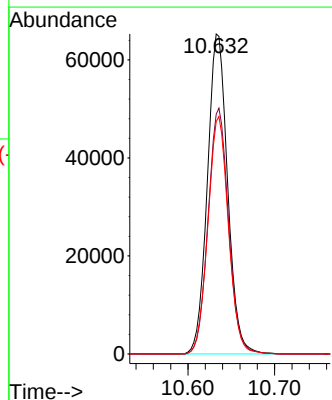
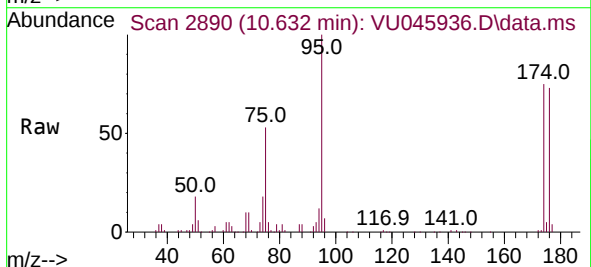
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ClientSampleId :

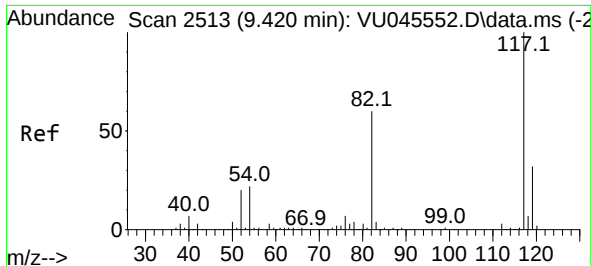
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 52.103 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Tgt Ion: 95 Resp: 106015
Ion Ratio Lower Upper
95 100
174 77.6 0.0 141.8
176 75.0 0.0 138.2

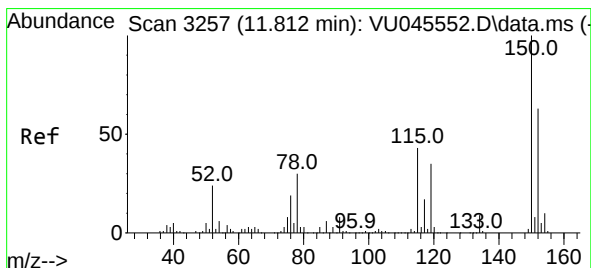
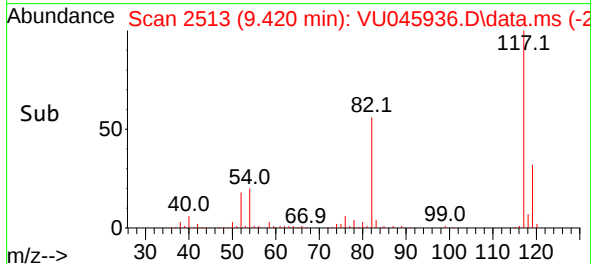
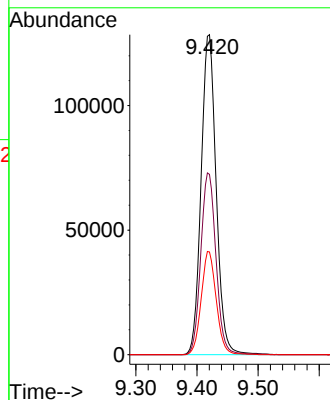
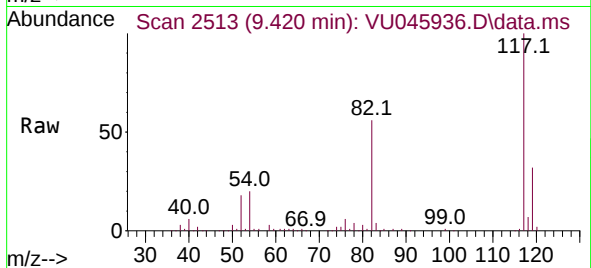




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

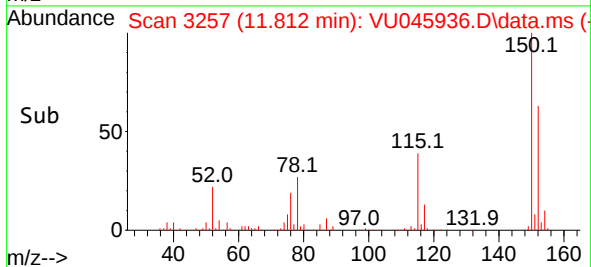
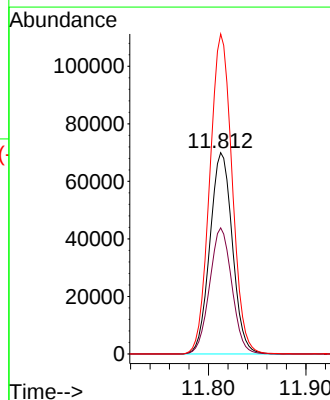
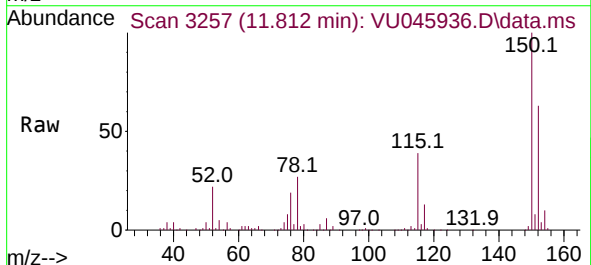
Instrument :
MSVOA_U
ClientSampleId :

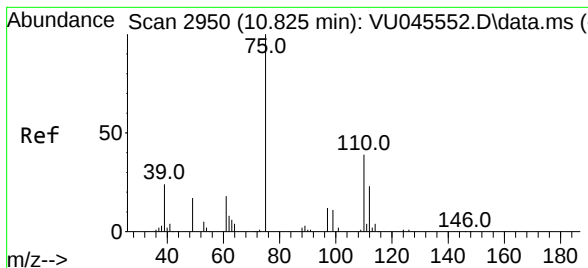
Tgt Ion:117 Resp: 220152
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.8
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045936.D
Acq: 23 Nov 2021 00:38

Tgt Ion:152 Resp: 112136
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 158.1 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 16.557 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.193 min

Lab File: VU045936.D

Acq: 23 Nov 2021 00:38

Instrument :

MSVOA_U

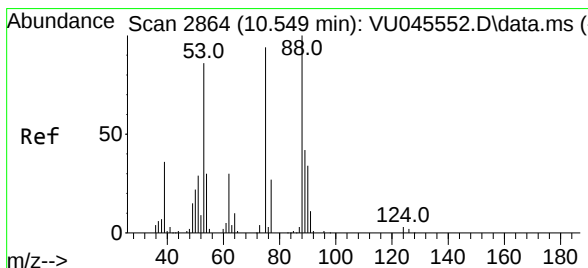
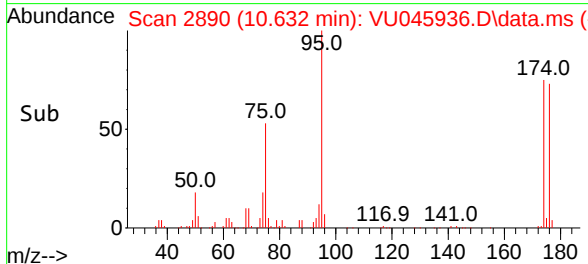
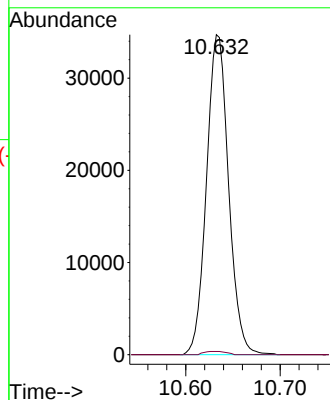
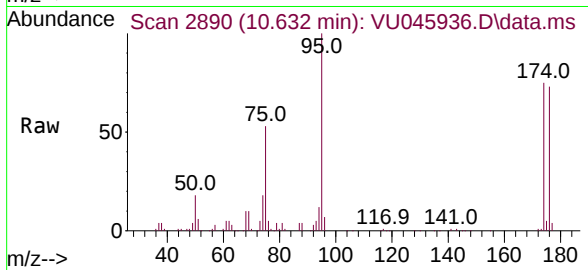
ClientSampleId :

Tgt Ion: 75 Resp: 56304

Ion Ratio Lower Upper

75 100

77 1.0 17.1 51.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.986 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.083 min

Lab File: VU045936.D

Acq: 23 Nov 2021 00:38

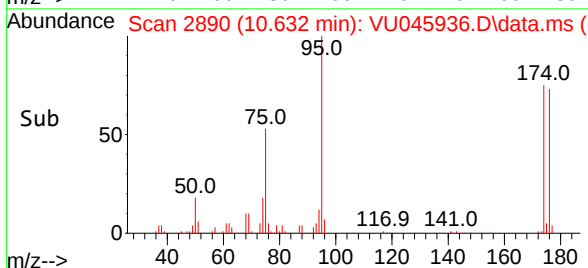
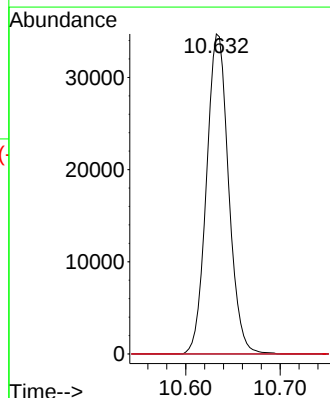
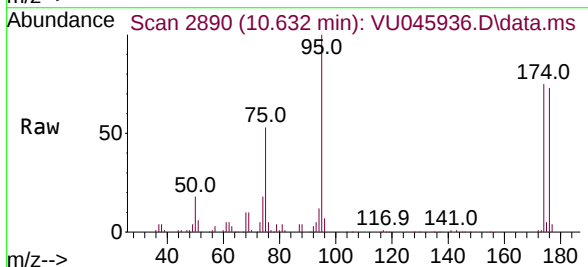
Tgt Ion: 75 Resp: 56304

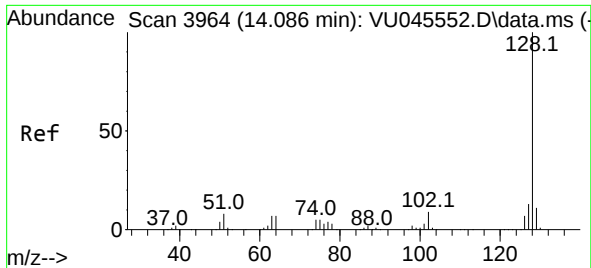
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.4#

89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.128 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

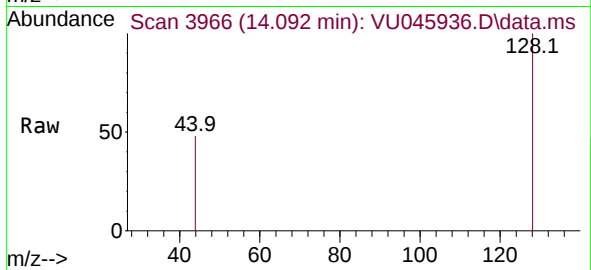
Lab File: VU045936.D

Acq: 23 Nov 2021 00:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 919

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

