

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045766.D
 Acq On : 12 Nov 2021 14:02
 Operator : SY/MD
 Sample : M4606-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:19:42 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	5.378	168	117694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	219125	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	228910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	112356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	95912	54.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.840%
35) Dibromofluoromethane	5.292	113	75098	51.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	7.899	98	289883	53.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.580%
62) 4-Bromofluorobenzene	10.635	95	108278	49.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%

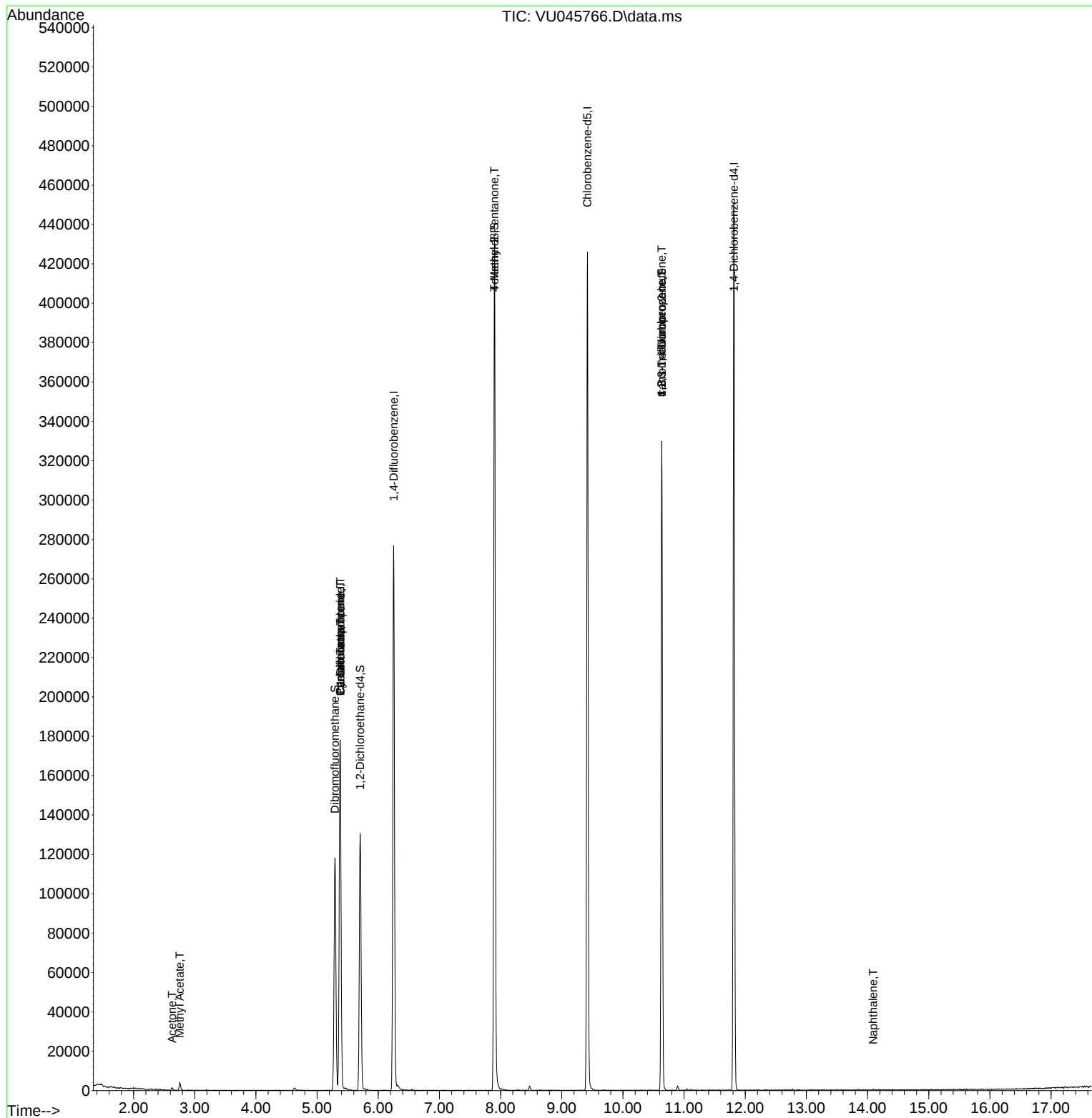
Target Compounds					Qvalue	
16) Acetone	2.629	43	1664	1.855	ug/l	91
18) Methyl Acetate	2.755	43	1073	0.351	ug/l #	50
31) Cyclohexane	5.378	56	2548	0.991	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	10184	4.766	ug/l #	50
38) Carbon Tetrachloride	5.378	117	12755	5.921	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1073	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	57594	16.903	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	57594	55.052	ug/l #	12
95) Naphthalene	14.092	128	376	1.069	ug/l #	69

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

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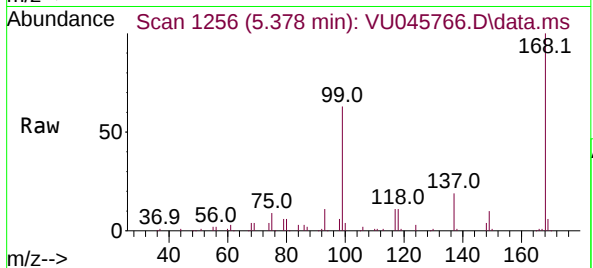
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



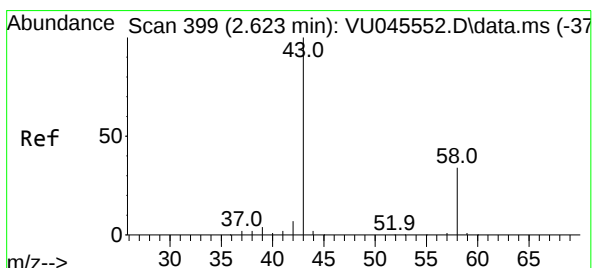
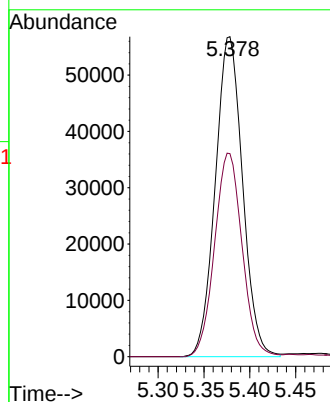
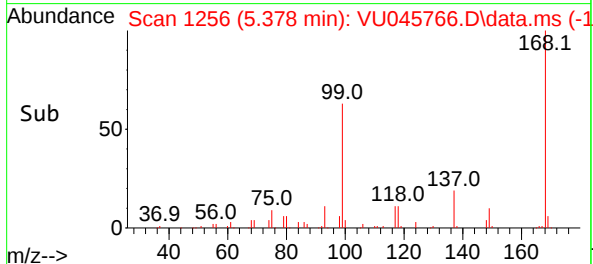


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Instrument :
MSVOA_U
ClientSampleId :

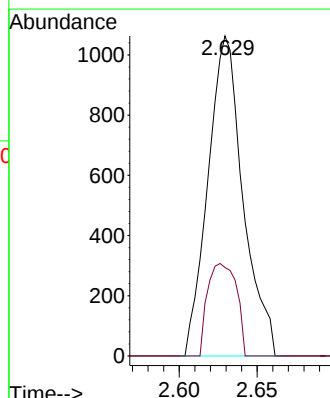
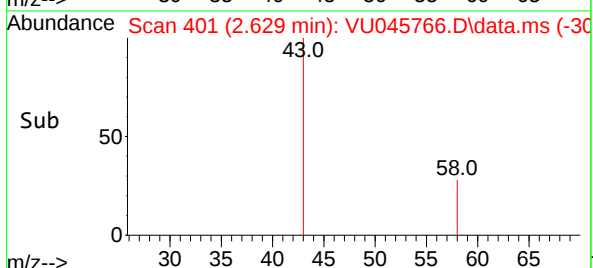
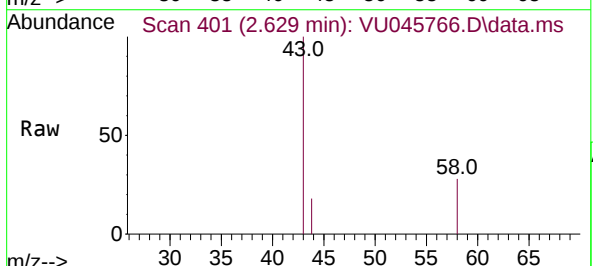


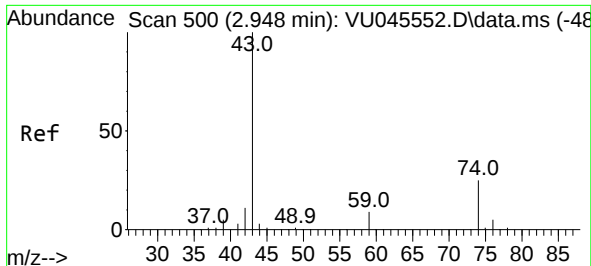
Tgt Ion:168 Resp: 117694
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#16
Acetone
Concen: 1.855 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 27.7 26.2 39.2

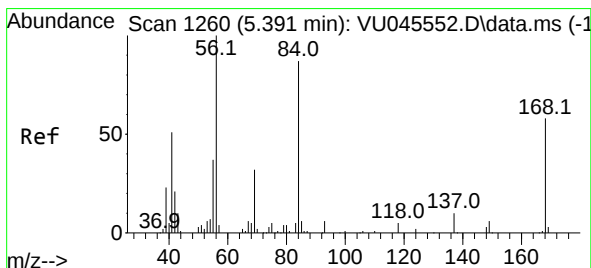
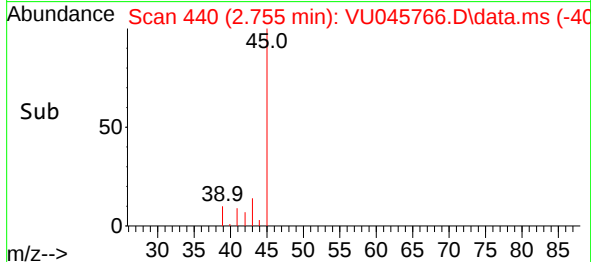
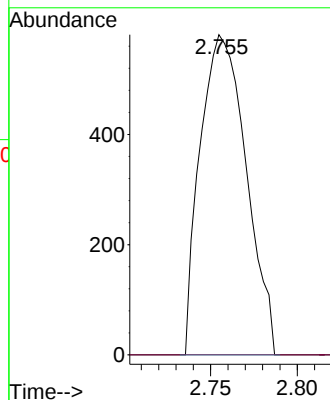
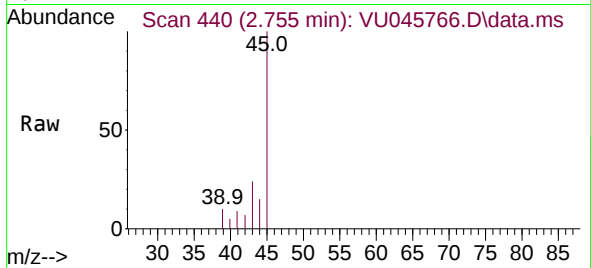




#18
Methyl Acetate
Concen: 0.351 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

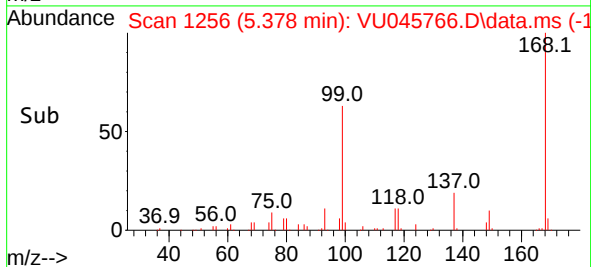
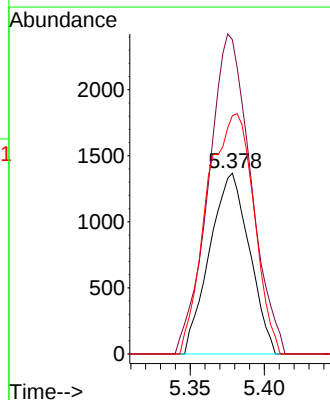
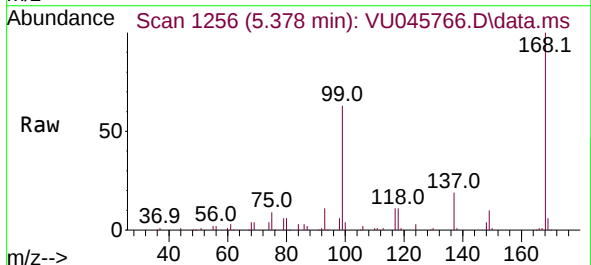
Instrument :
MSVOA_U
ClientSampleId :

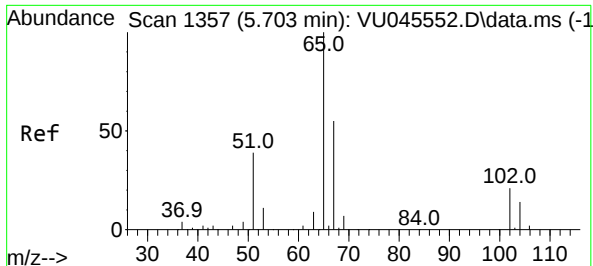
Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 0.991 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Tgt Ion: 56 Resp: 2548
Ion Ratio Lower Upper
56 100
69 165.0 26.4 39.6#
84 131.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.415 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

Instrument :

MSVOA_U

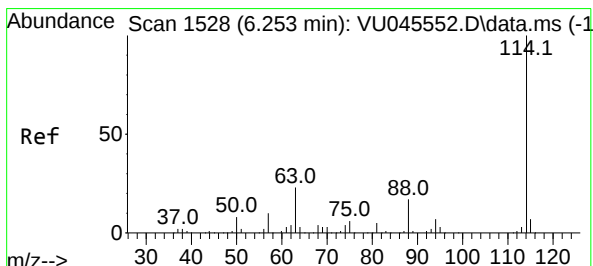
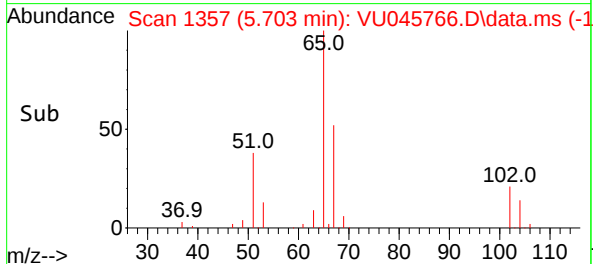
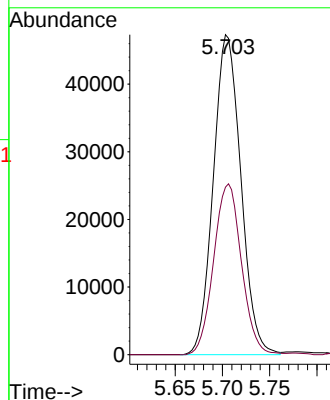
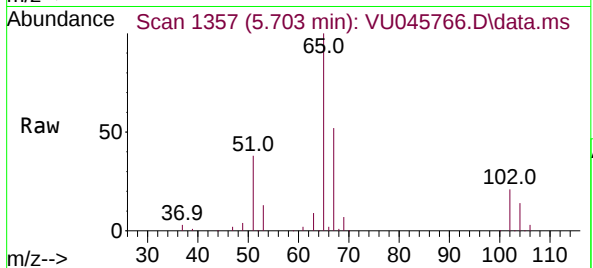
ClientSampleId :

Tgt Ion: 65 Resp: 95912

Ion Ratio Lower Upper

65 100

67 53.9 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: VU045766.D

Acq: 12 Nov 2021 14:02

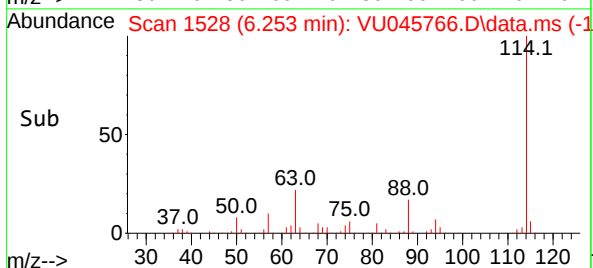
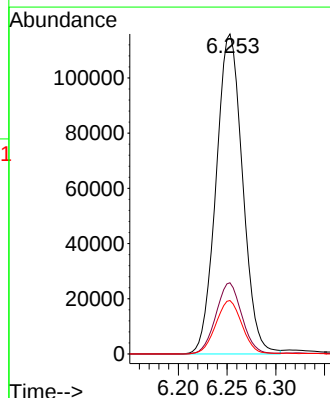
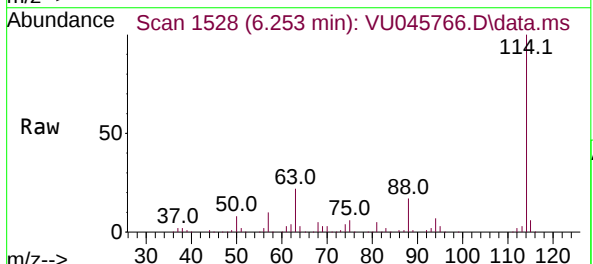
Tgt Ion: 114 Resp: 219125

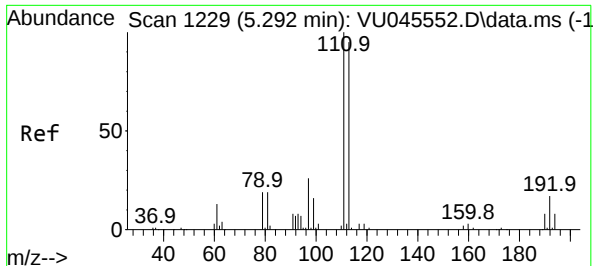
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.332 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

Instrument :

MSVOA_U

ClientSampleId :

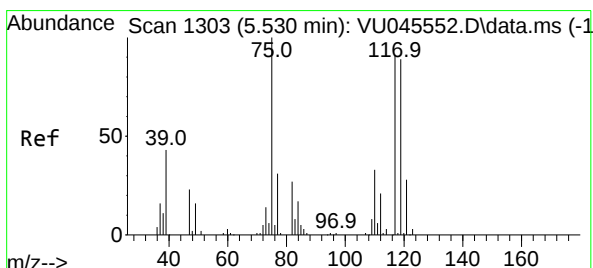
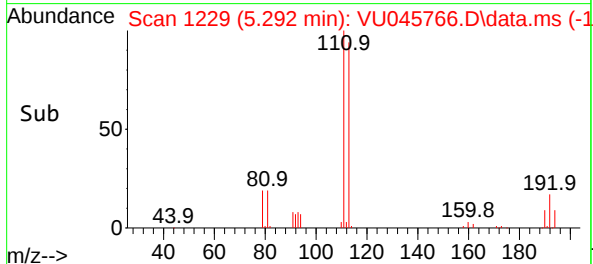
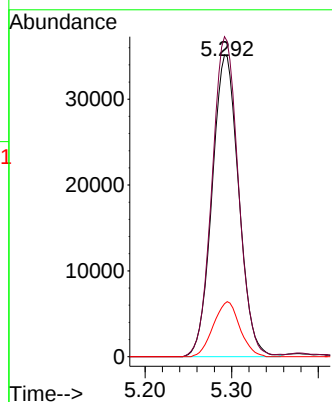
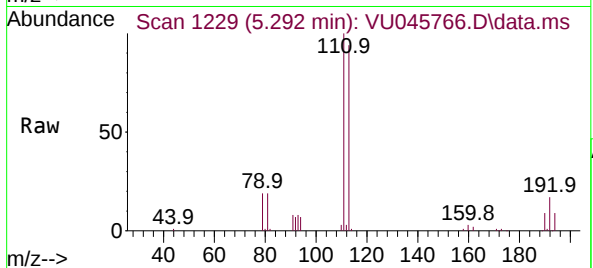
Tgt Ion:113 Resp: 75098

Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

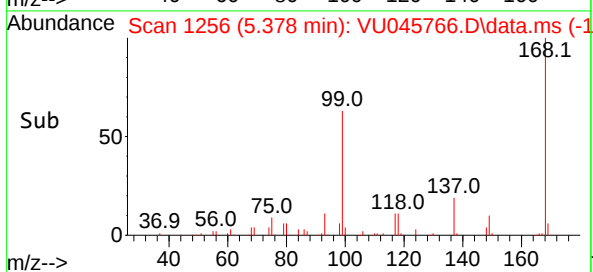
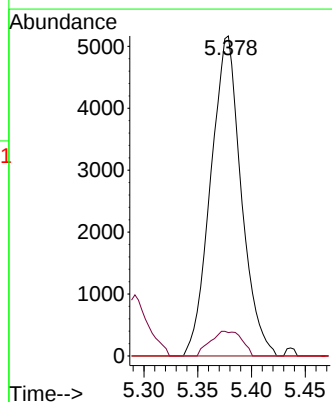
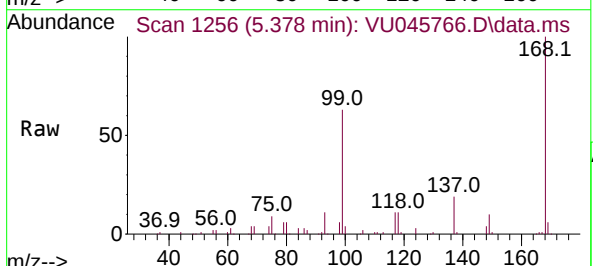
Tgt Ion: 75 Resp: 10184

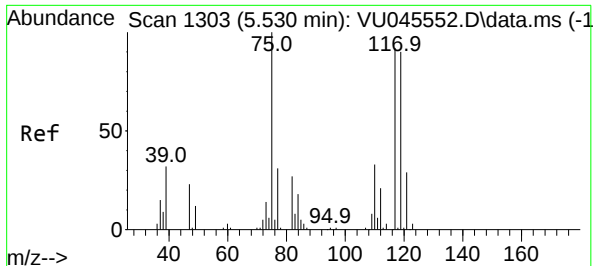
Ion Ratio Lower Upper

75 100

110 7.9 16.7 50.0#

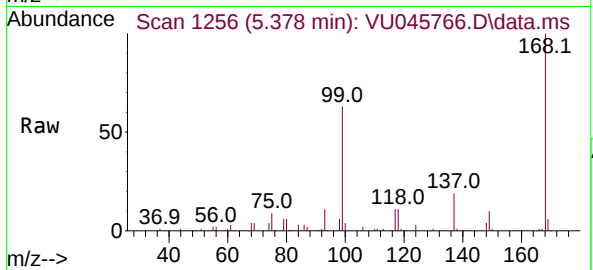
77 0.0 25.0 37.4#



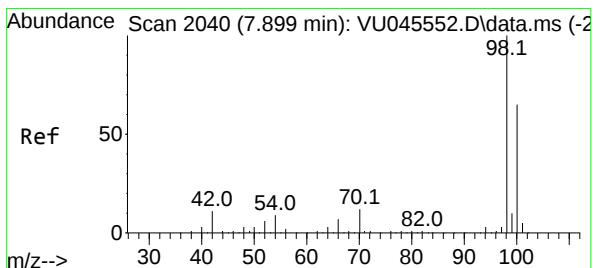
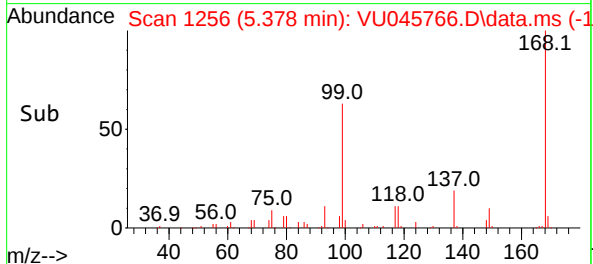
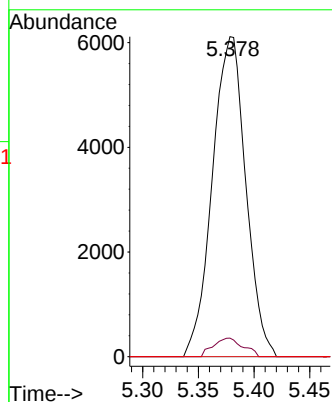


#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Instrument : MSVOA_U
ClientSampleId :

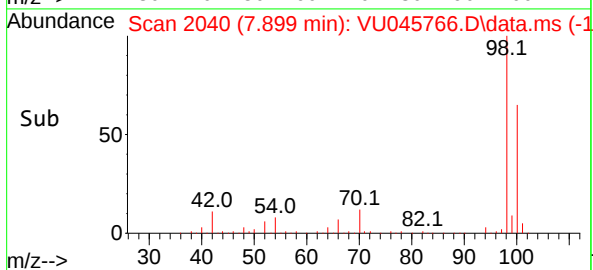
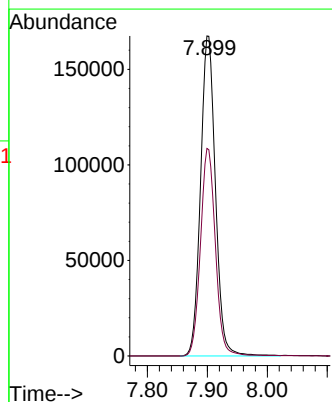
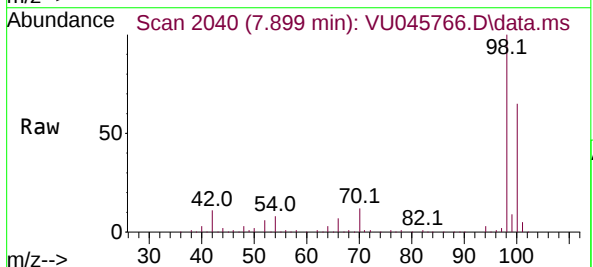


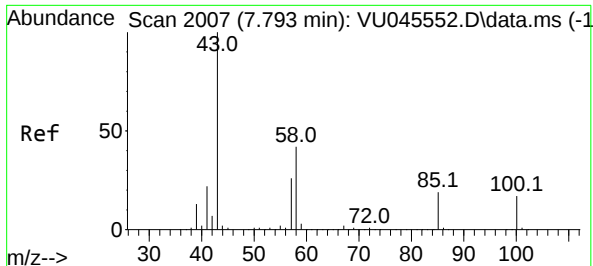
Tgt Ion:117 Resp: 12755
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.287 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Tgt Ion: 98 Resp: 289883
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.433 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.106 min

Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

Instrument :

MSVOA_U

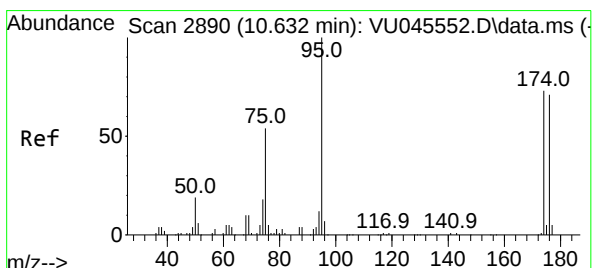
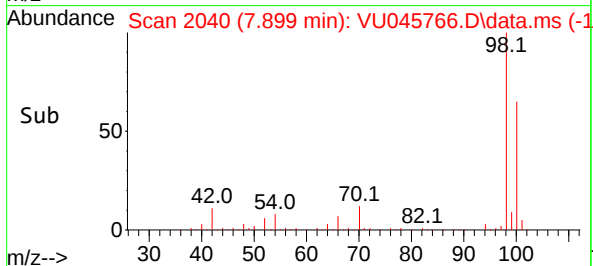
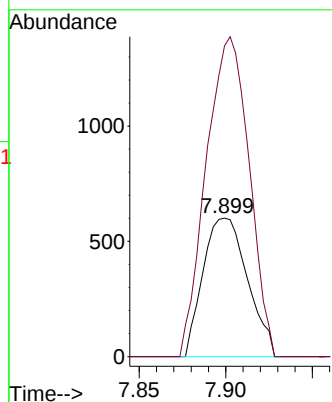
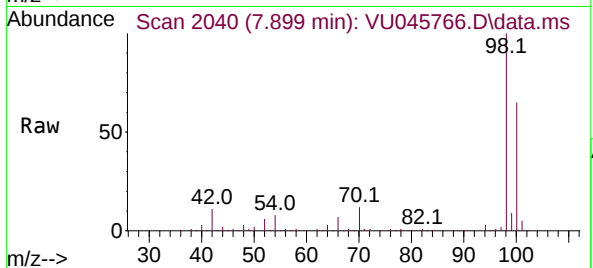
ClientSampleId :

Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

58 223.0 33.8 50.8#



#62

4-Bromofluorobenzene

Concen: 49.636 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

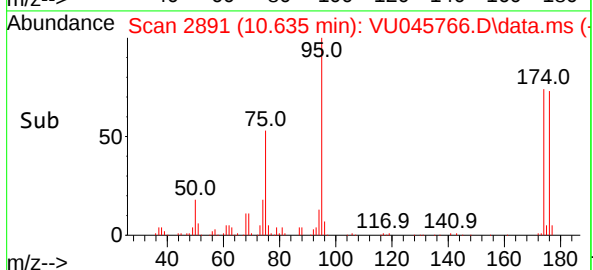
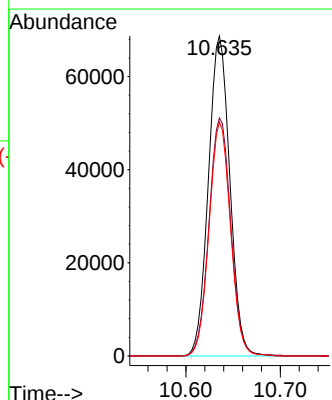
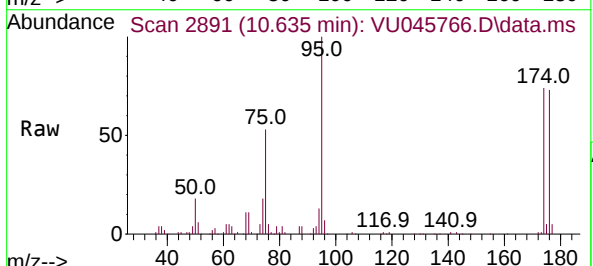
Tgt Ion: 95 Resp: 108278

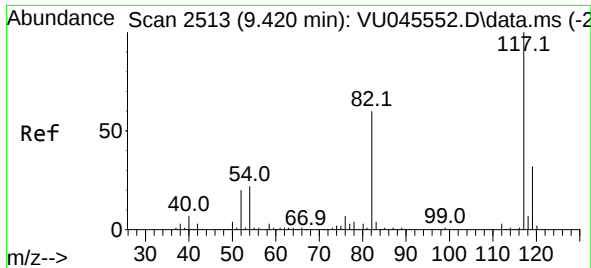
Ion Ratio Lower Upper

95 100

174 75.9 0.0 141.8

176 72.9 0.0 138.2

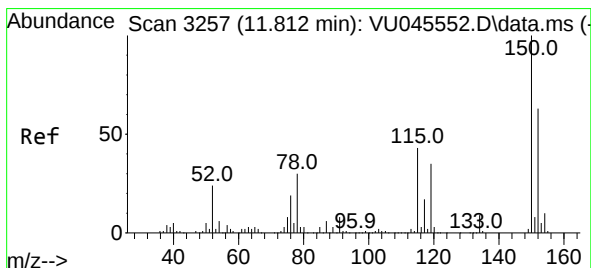
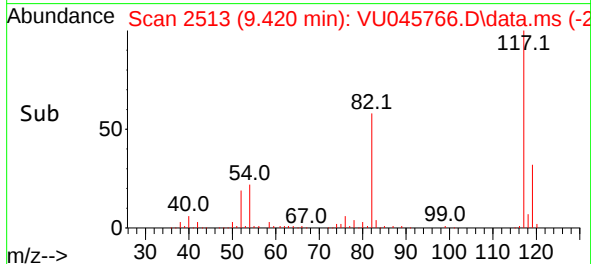
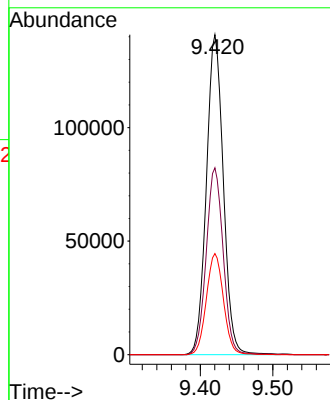
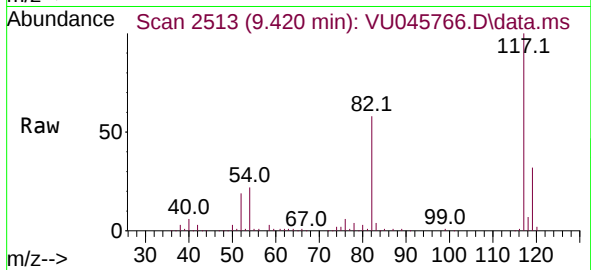




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

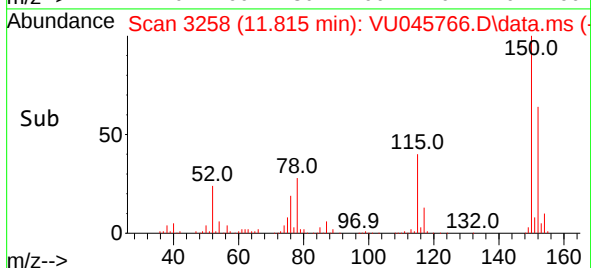
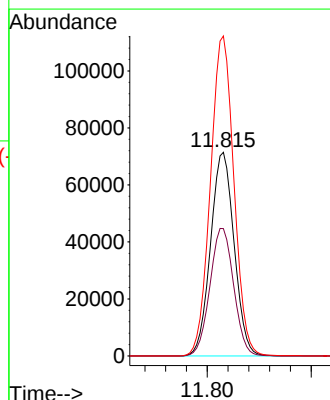
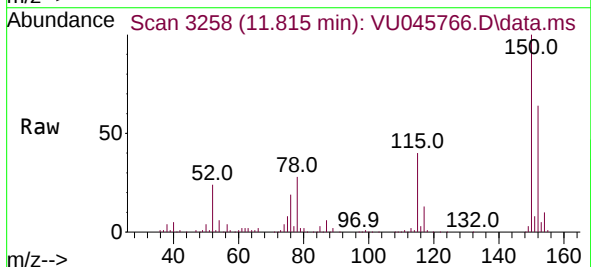
Instrument :
MSVOA_U
ClientSampleId :

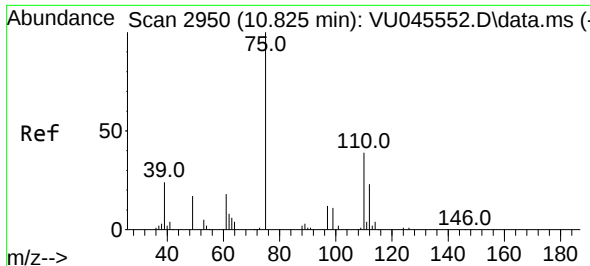
Tgt Ion:117 Resp: 228910
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Tgt Ion:152 Resp: 112356
Ion Ratio Lower Upper
152 100
115 63.1 42.7 128.1
150 156.3 0.0 346.8

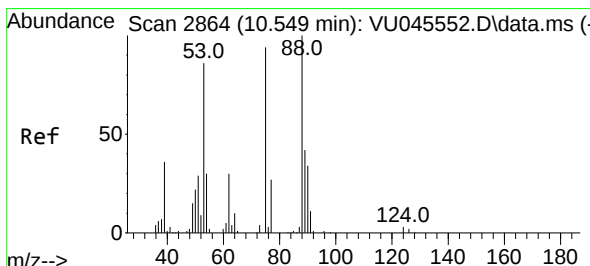
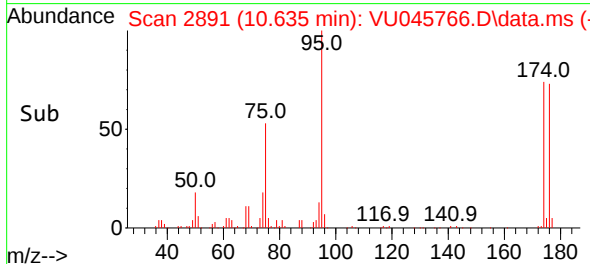
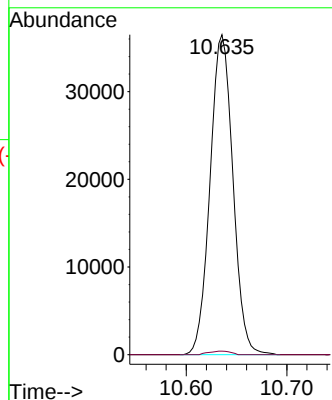
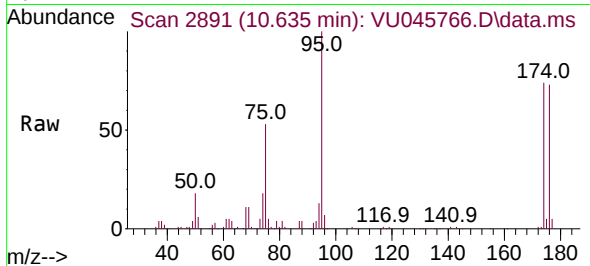




#76
1,2,3-Trichloropropane
Concen: 16.903 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

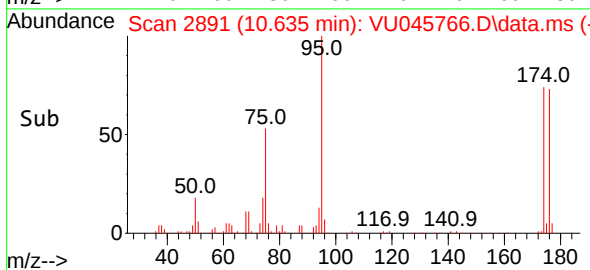
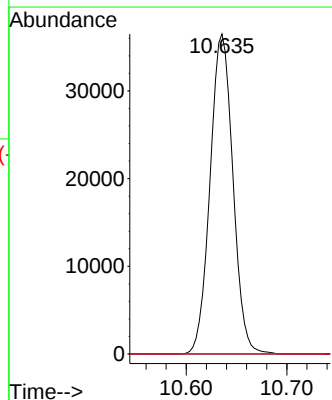
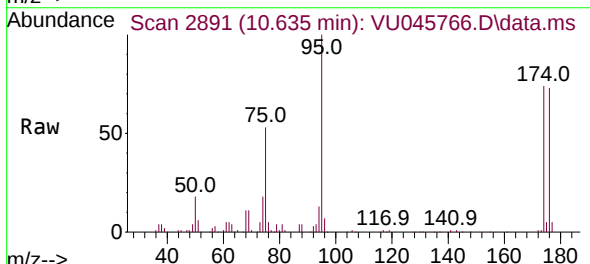
Instrument :
MSVOA_U
ClientSampleId :

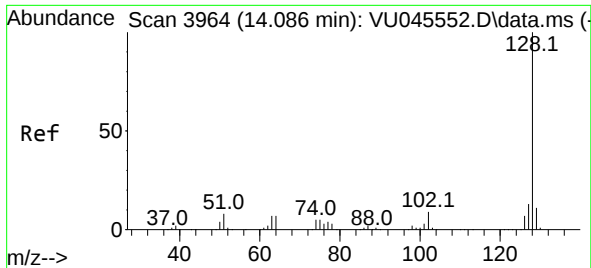
Tgt Ion: 75 Resp: 57594
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.052 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045766.D
Acq: 12 Nov 2021 14:02

Tgt Ion: 75 Resp: 57594
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.069 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

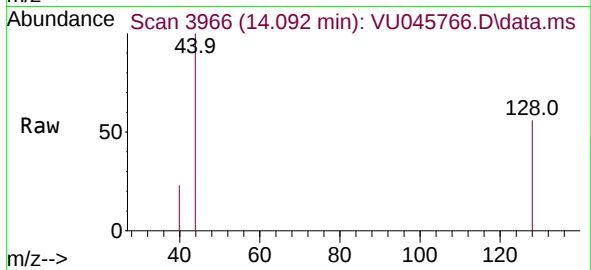
Lab File: VU045766.D

Acq: 12 Nov 2021 14:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 376

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

