

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049522.D
 Acq On : 29 Jun 2022 18:42
 Operator : SY/MD
 Sample : N3457-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D1-20220620

Quant Time: Jun 30 00:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

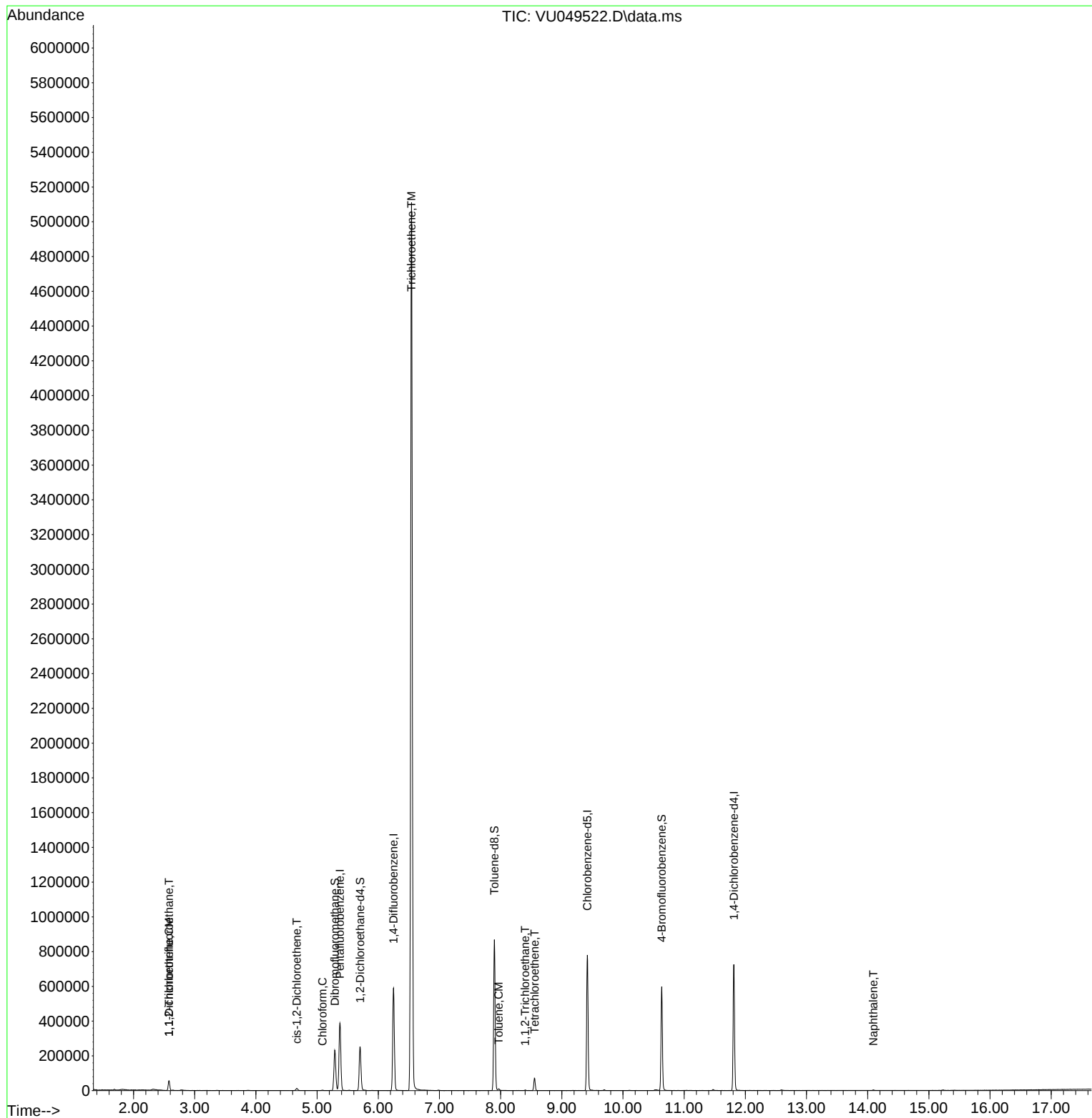
Internal Standards						
1) Pentafluorobenzene	5.372	168	268139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	475319	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	427018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	193723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	187192	45.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.289	113	150108	45.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.280%
50) Toluene-d8	7.896	98	568026	47.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	10.633	95	200728	44.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	15608	5.247	ug/l	94
12) 1,1-Dichloroethene	2.578	96	5756	1.976	ug/l	89
27) cis-1,2-Dichloroethene	4.668	96	6463	1.782	ug/l	99
30) Chloroform	5.089	83	1888	0.296	ug/l	96
44) Trichloroethene	6.543	130	1699833	491.177	ug/l	85
52) Toluene	7.967	92	3219	0.372	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	891	0.249	ug/l	89
64) Tetrachloroethene	8.555	164	15690	5.729	ug/l	91
95) Naphthalene	14.092	128	3340	1.949	ug/l	# 92

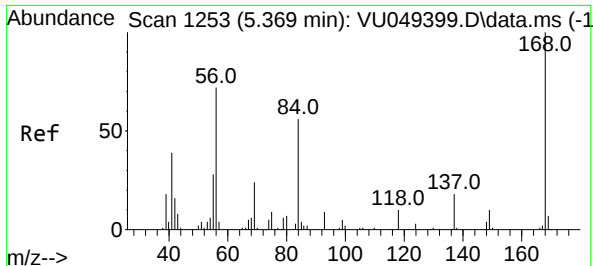
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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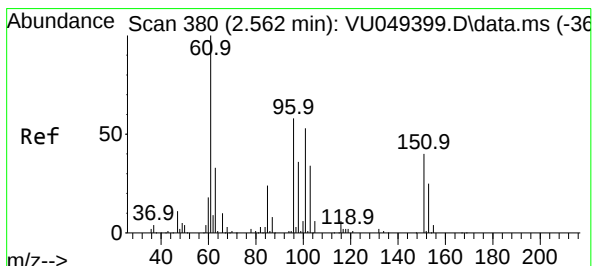
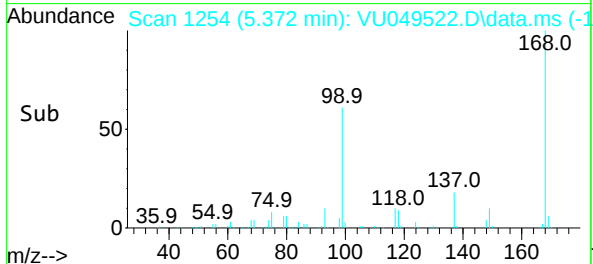
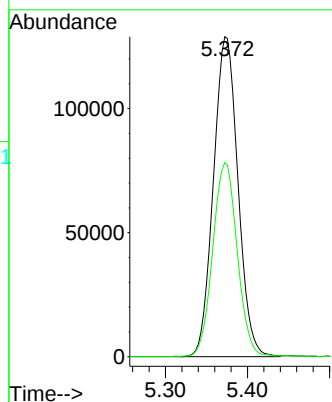
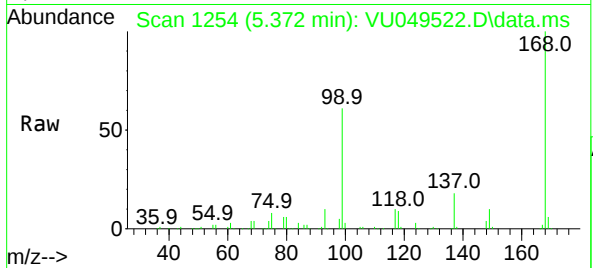




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

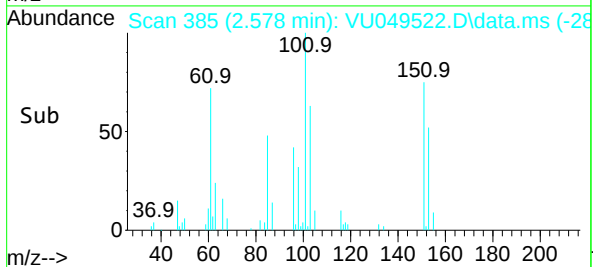
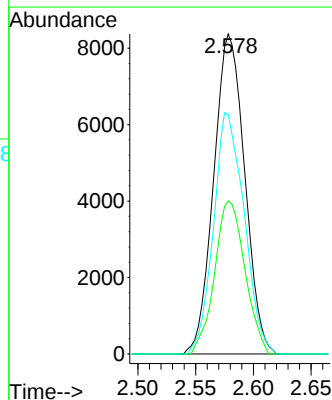
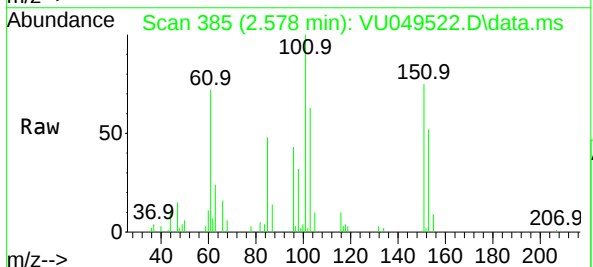
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20220620

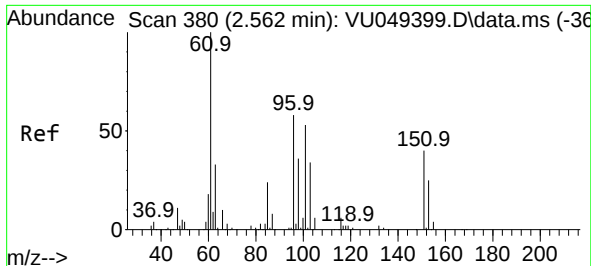
Tgt Ion:168 Resp: 268139
Ion Ratio Lower Upper
168 100
99 60.6 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.247 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Tgt Ion:101 Resp: 15608
Ion Ratio Lower Upper
101 100
85 46.7 33.9 50.9
151 74.8 64.0 96.0

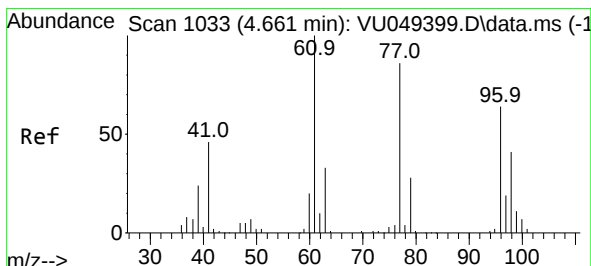
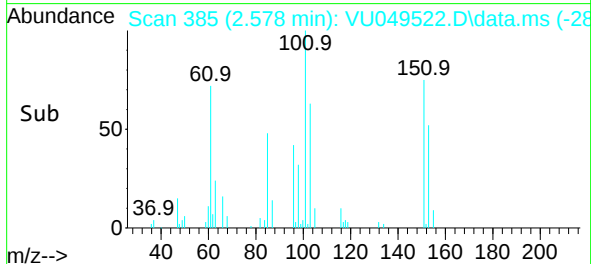
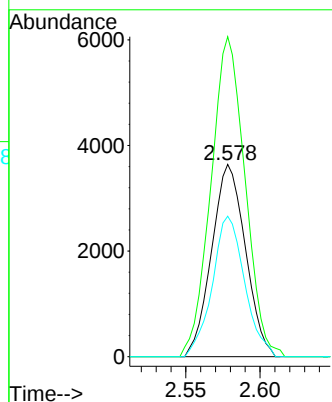
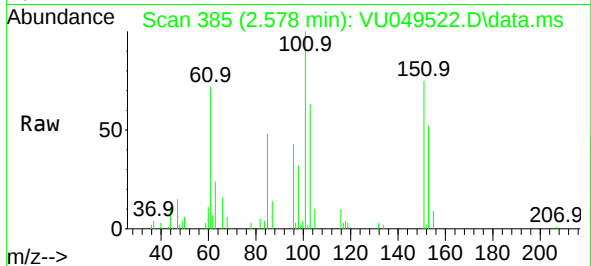




#12
1,1-Dichloroethene
Concen: 1.976 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

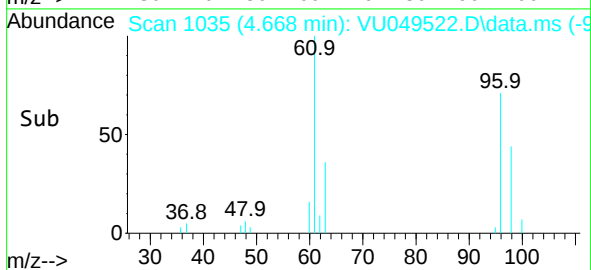
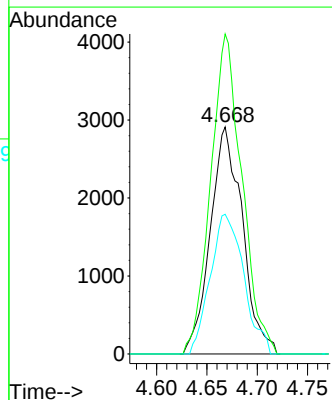
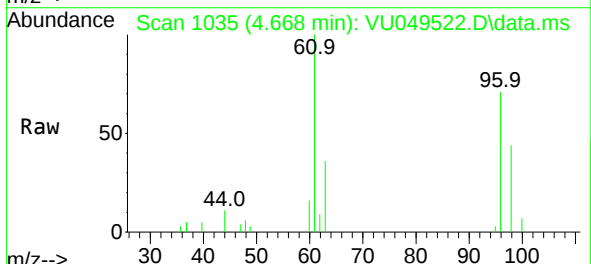
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20220620

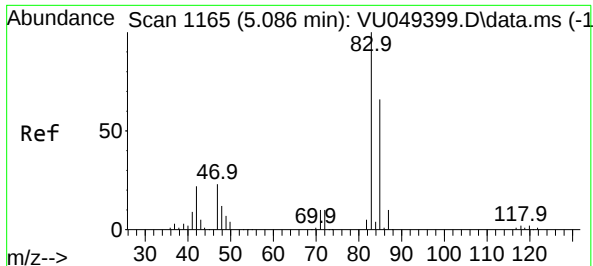
Tgt Ion: 96 Resp: 5756
Ion Ratio Lower Upper
96 100
61 166.5 122.2 183.2
98 73.1 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 1.782 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Tgt Ion: 96 Resp: 6463
Ion Ratio Lower Upper
96 100
61 137.4 0.0 271.6
98 64.2 0.0 128.2





#30

Chloroform

Concen: 0.296 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049522.D

Acq: 29 Jun 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

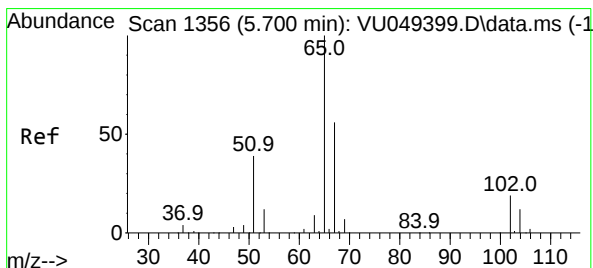
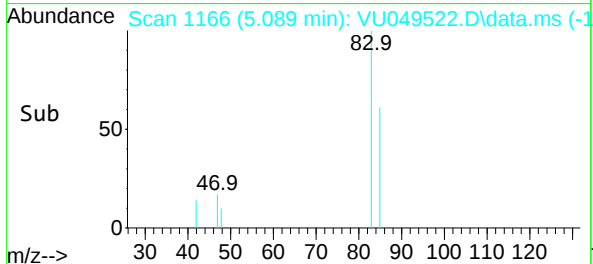
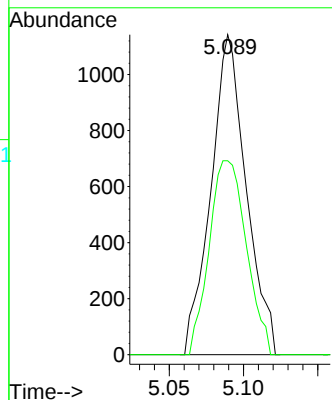
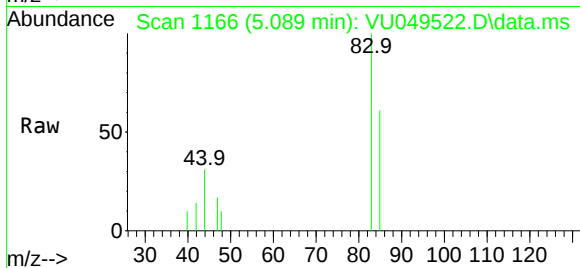
RE103D1-20220620

Tgt Ion: 83 Resp: 1888

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 45.330 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049522.D

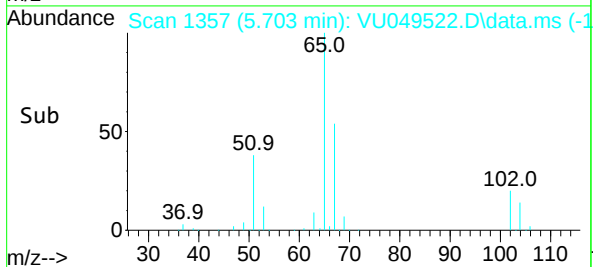
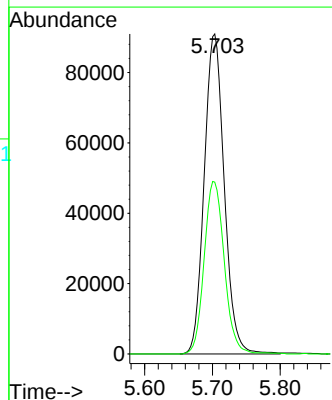
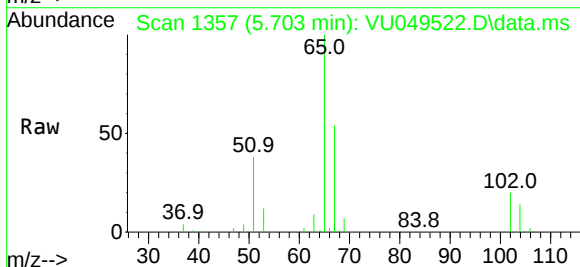
Acq: 29 Jun 2022 18:42

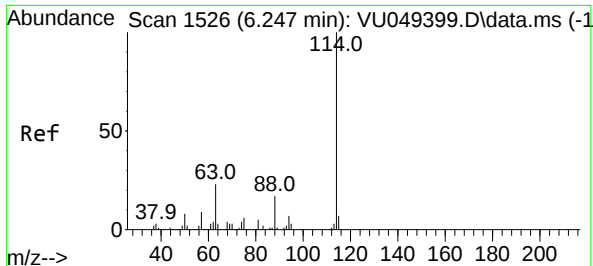
Tgt Ion: 65 Resp: 187192

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049522.D

Acq: 29 Jun 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

RE103D1-20220620

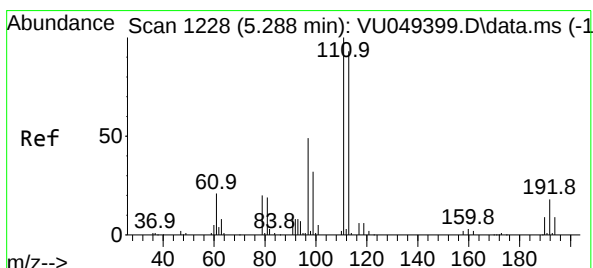
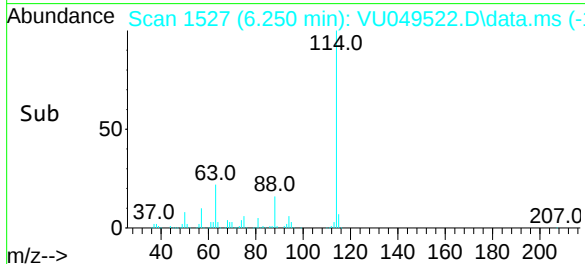
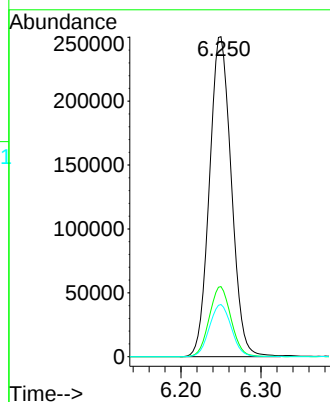
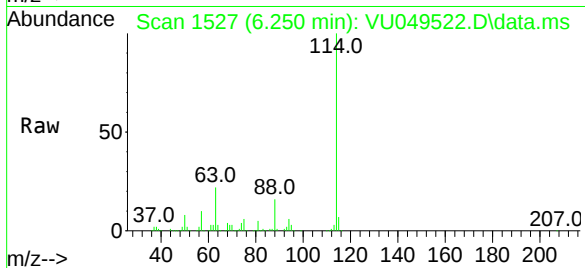
Tgt Ion:114 Resp: 475319

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.139 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049522.D

Acq: 29 Jun 2022 18:42

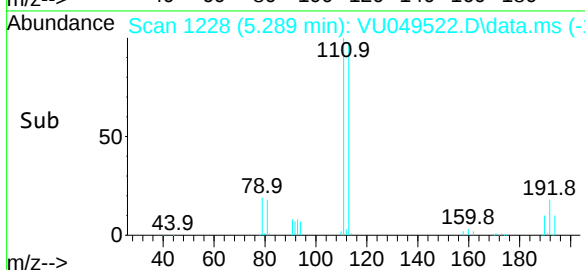
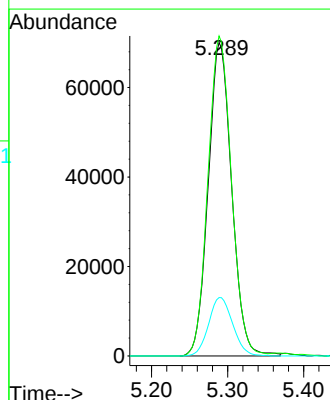
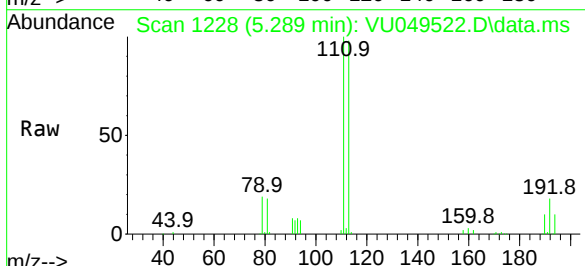
Tgt Ion:113 Resp: 150108

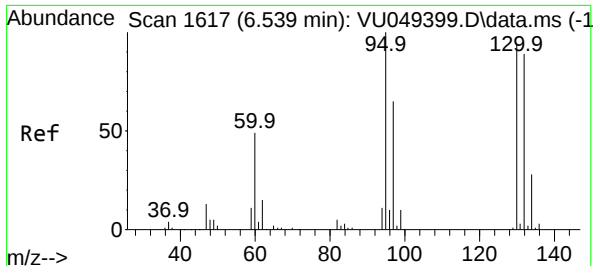
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 19.2 18.0 27.0

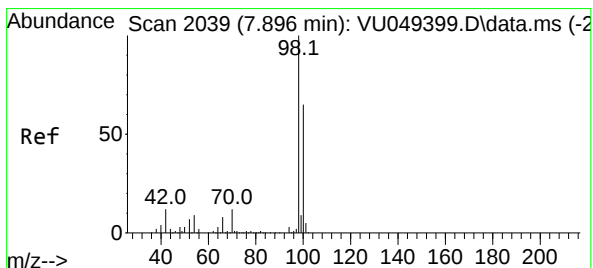
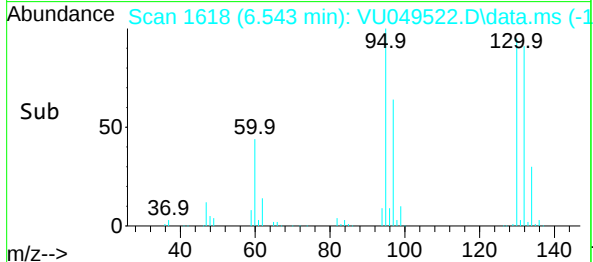
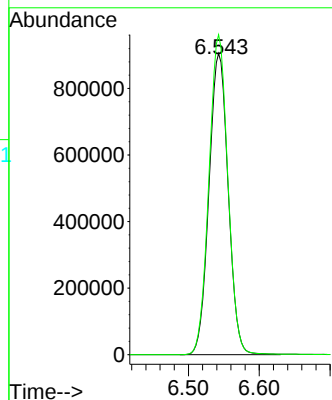
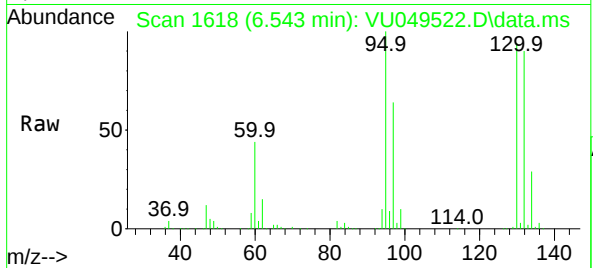




#44
Trichloroethene
Concen: 491.177 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

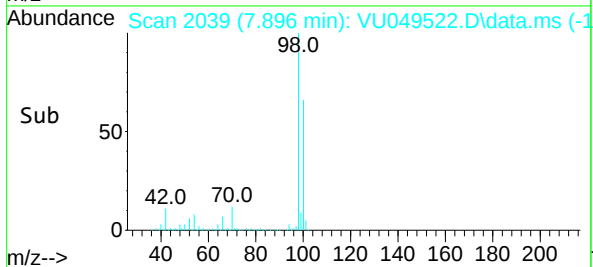
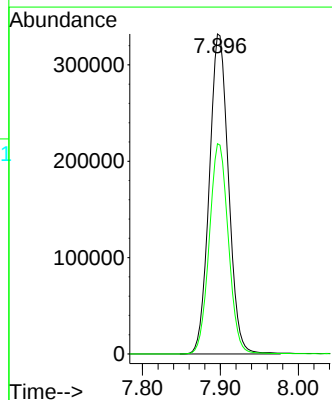
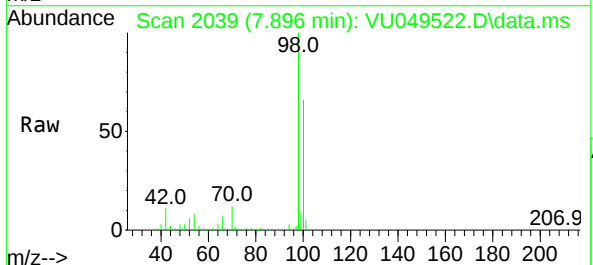
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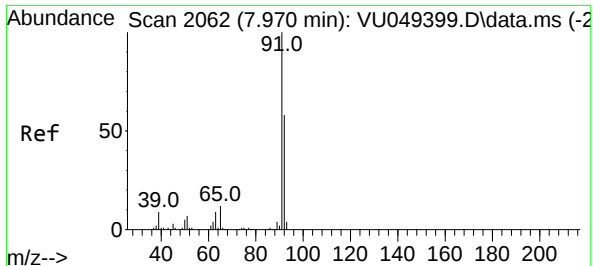
Tgt Ion:130 Resp: 1699833
Ion Ratio Lower Upper
130 100
95 106.2 0.0 184.6



#50
Toluene-d8
Concen: 47.890 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Tgt Ion: 98 Resp: 568026
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5

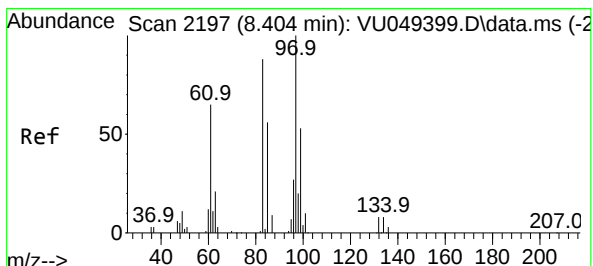
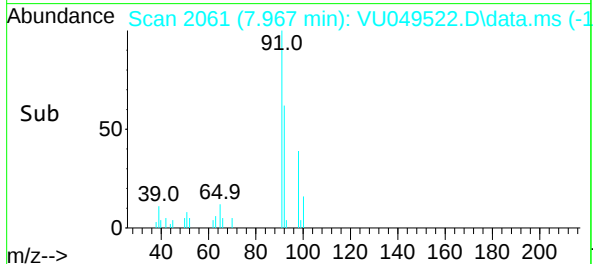
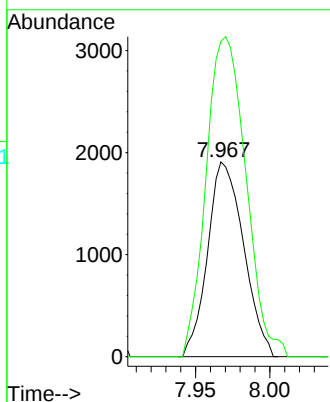
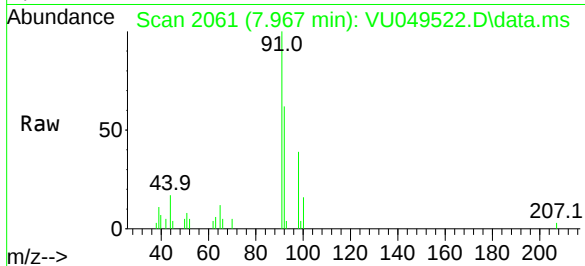




#52
Toluene
Concen: 0.372 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

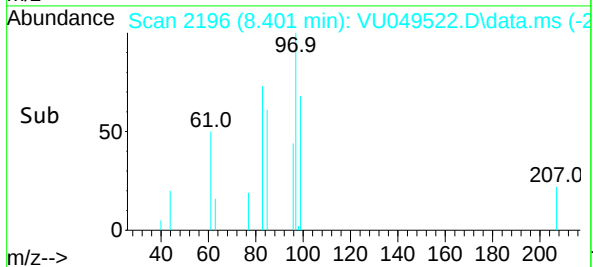
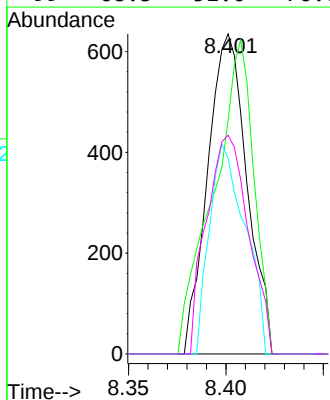
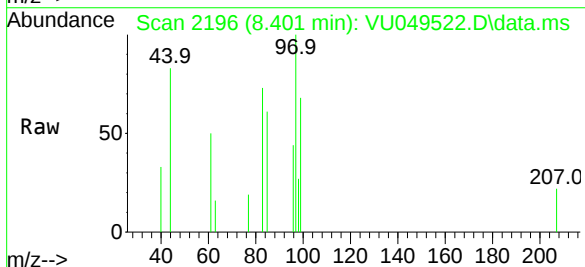
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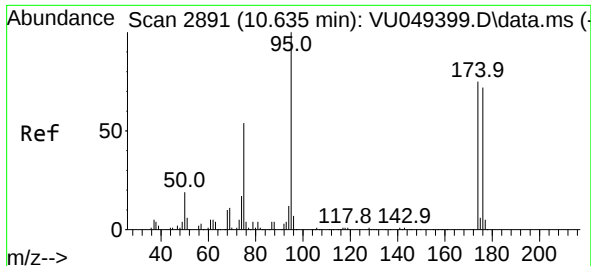
Tgt Ion: 92 Resp: 3219
Ion Ratio Lower Upper
92 100
91 181.2 138.2 207.4



#55
1,1,2-Trichloroethane
Concen: 0.249 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Tgt Ion: 97 Resp: 891
Ion Ratio Lower Upper
97 100
83 73.1 70.2 105.4
85 61.1 44.6 66.8
99 68.3 51.0 76.6

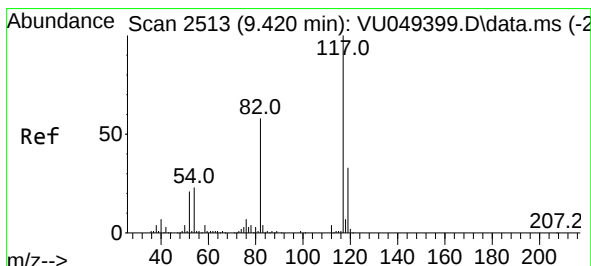
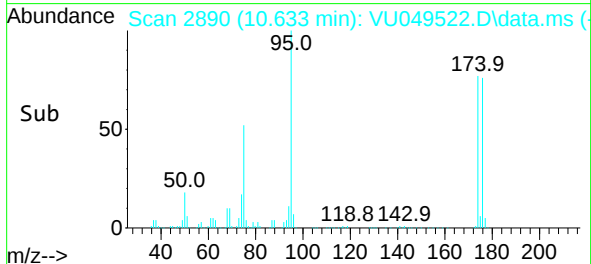
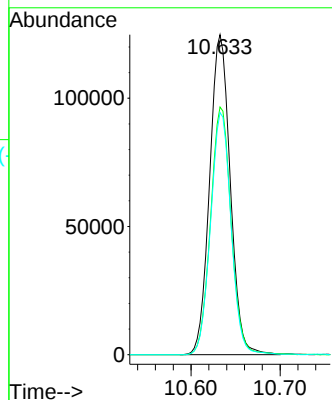
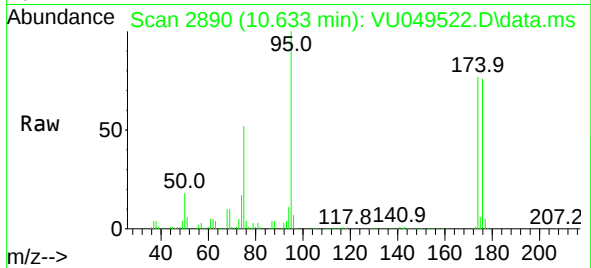




#62
4-Bromofluorobenzene
Concen: 44.179 ug/l
RT: 10.633 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

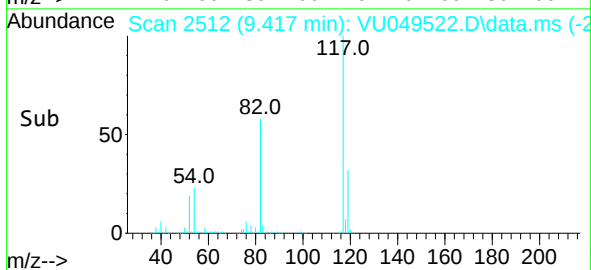
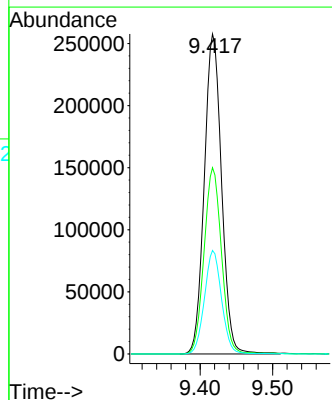
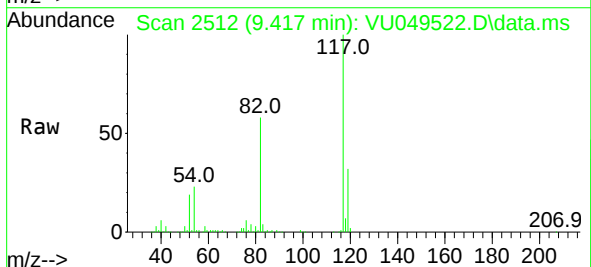
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20220620

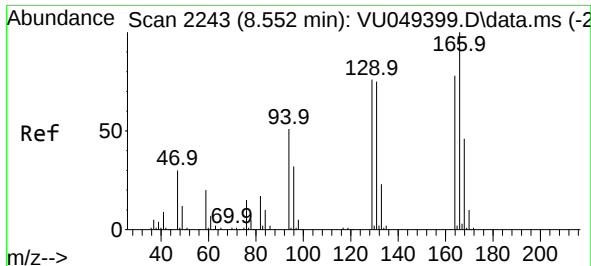
Tgt Ion: 95 Resp: 200728
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 74.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

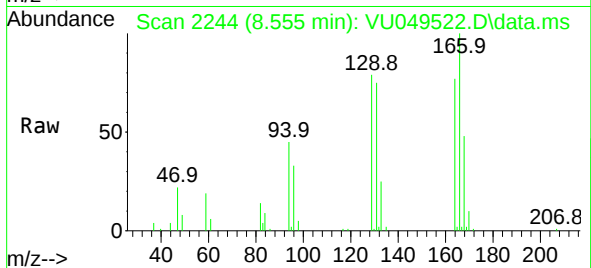
Tgt Ion: 117 Resp: 427018
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 32.3 25.7 38.5



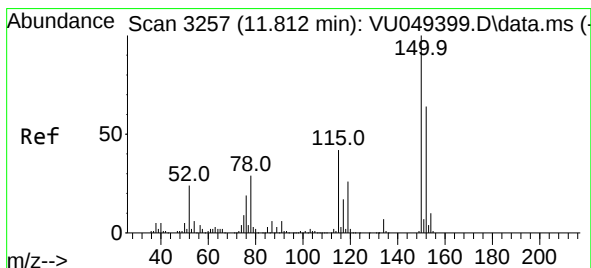
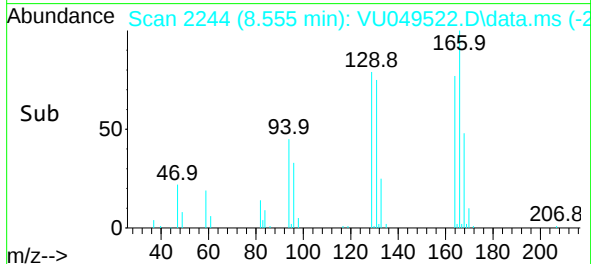
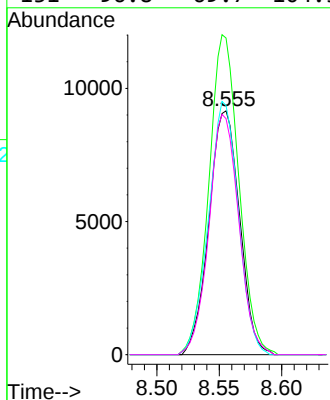


#64
Tetrachloroethene
Concen: 5.729 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20220620

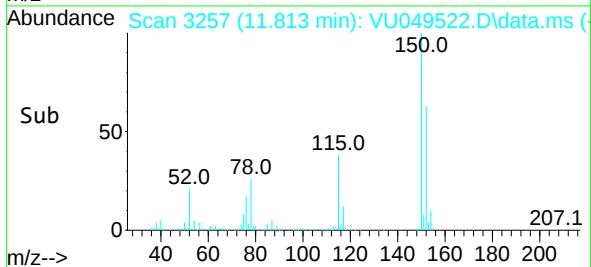
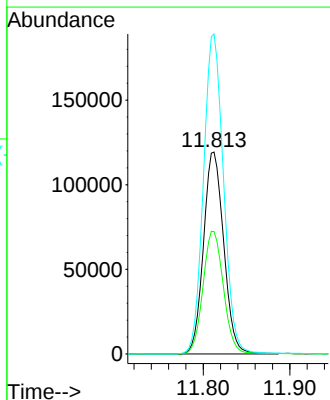
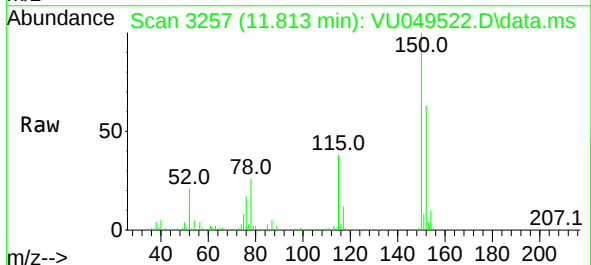


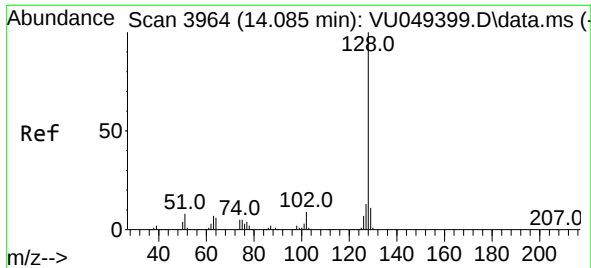
Tgt Ion:164 Resp: 15690
Ion Ratio Lower Upper
164 100
166 129.9 100.0 150.0
129 102.1 72.0 108.0
131 96.8 69.7 104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

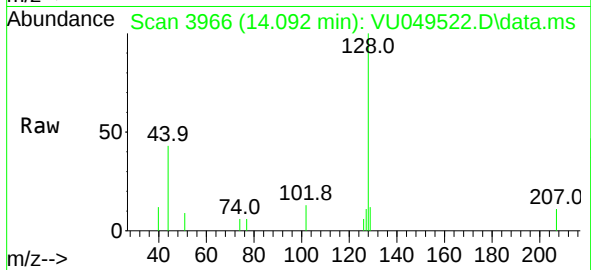
Tgt Ion:152 Resp: 193723
Ion Ratio Lower Upper
152 100
115 61.1 37.0 110.9
150 157.2 0.0 342.2





#95
Naphthalene
Concen: 1.949 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049522.D
Acq: 29 Jun 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20220620



Tgt Ion:128 Resp: 3340
Ion Ratio Lower Upper
128 100
127 7.8 10.3 15.5#
129 9.6 8.6 13.0

