

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049510.D
 Acq On : 29 Jun 2022 14:13
 Operator : SY/MD
 Sample : N3458-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D1-20220622

Quant Time: Jun 30 00:48:41 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)

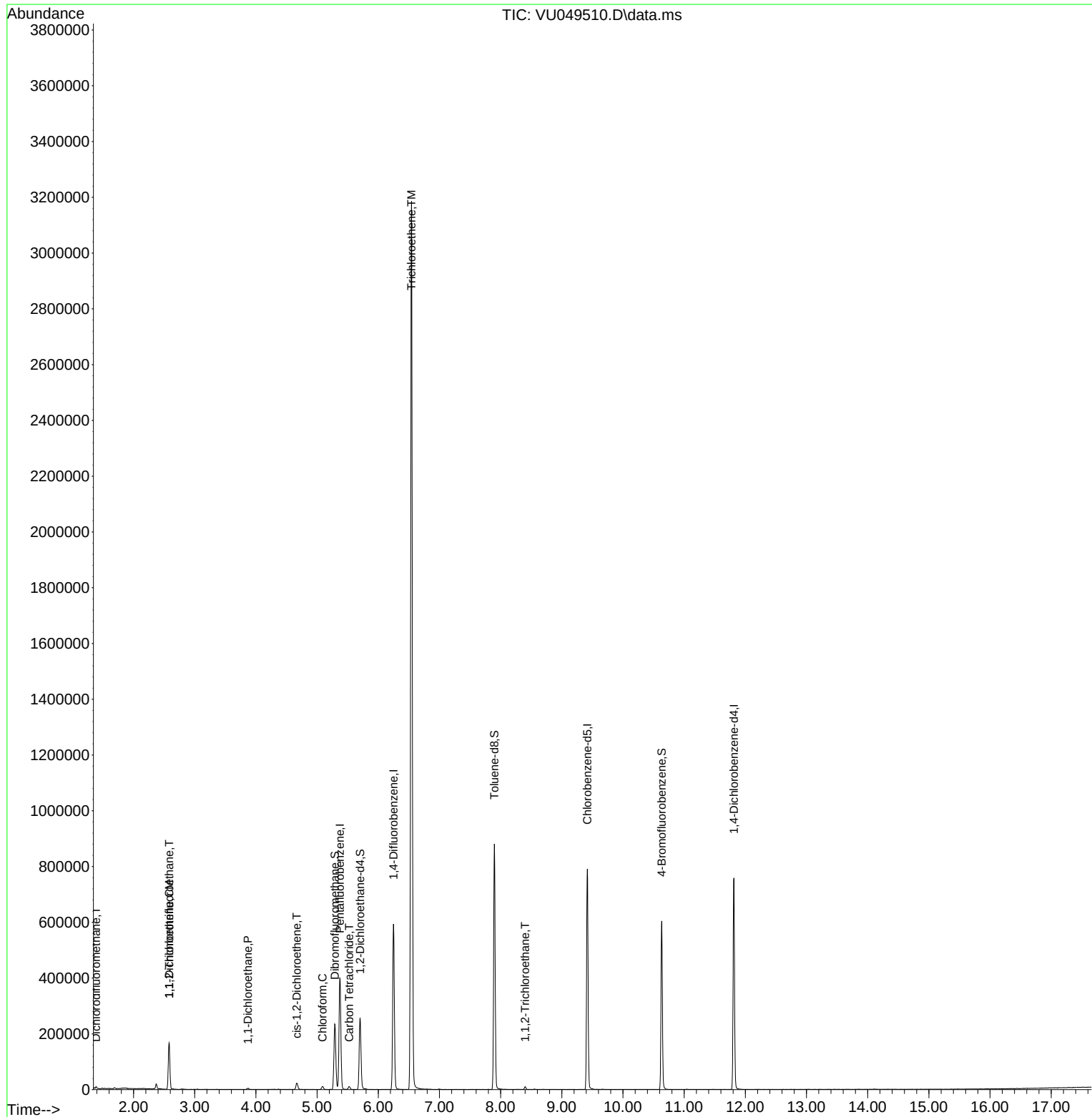
Internal Standards						
1) Pentafluorobenzene	5.372	168	277436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	488186	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	439523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	200726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	193054	45.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.360%
35) Dibromofluoromethane	5.289	113	153296	44.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	7.896	98	585584	48.069	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	10.633	95	211670	45.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	2720	0.610	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.582	101	56257	18.279	ug/l	96
12) 1,1-Dichloroethene	2.582	96	9494	3.151	ug/l	97
24) 1,1-Dichloroethane	3.868	63	5323	0.797	ug/l	# 82
27) cis-1,2-Dichloroethene	4.668	96	12430	3.312	ug/l	96
30) Chloroform	5.089	83	9748	1.475	ug/l	96
38) Carbon Tetrachloride	5.524	117	7373	1.420	ug/l	92
44) Trichloroethene	6.543	130	1057695	297.572	ug/l	86
55) 1,1,2-Trichloroethane	8.401	97	3196	0.870	ug/l	91

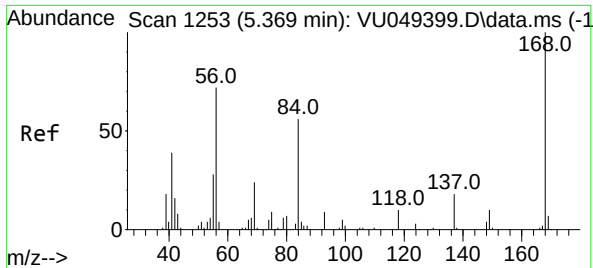
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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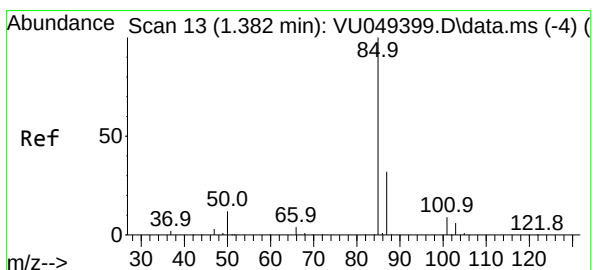
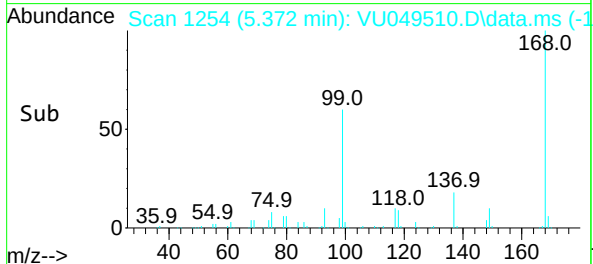
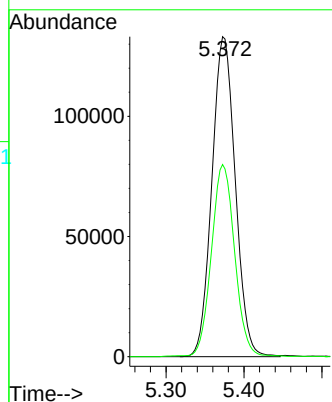
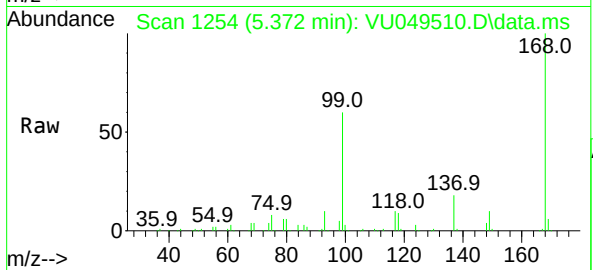




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

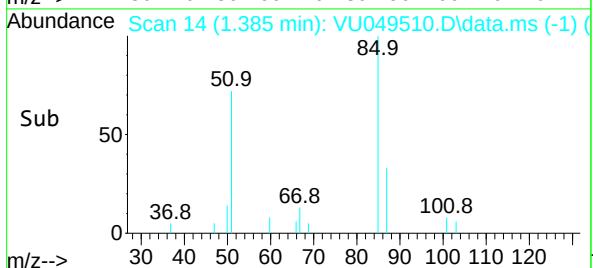
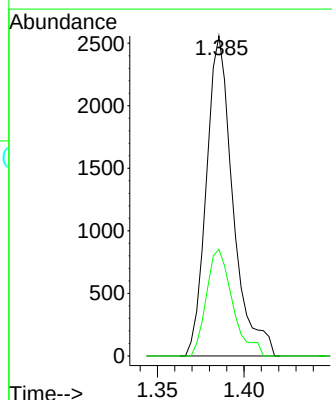
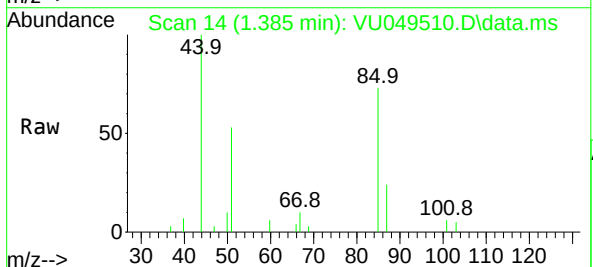
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20220622

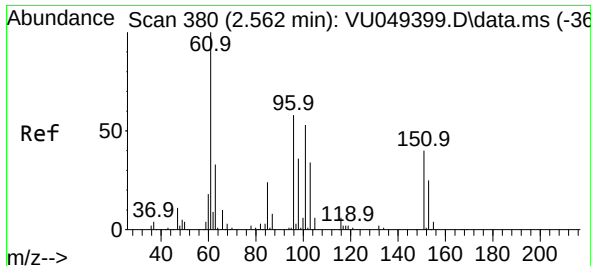
Tgt Ion:168 Resp: 277436
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.610 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

Tgt Ion: 85 Resp: 2720
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.2

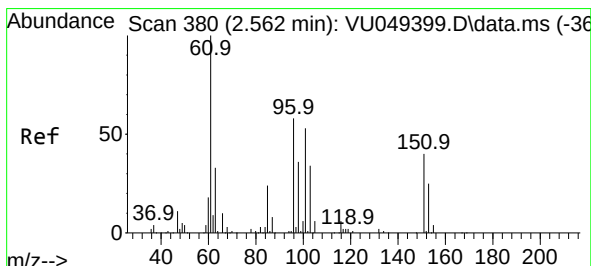
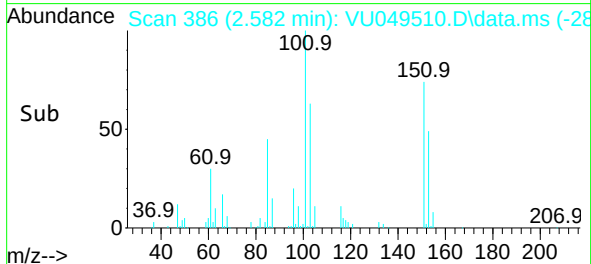
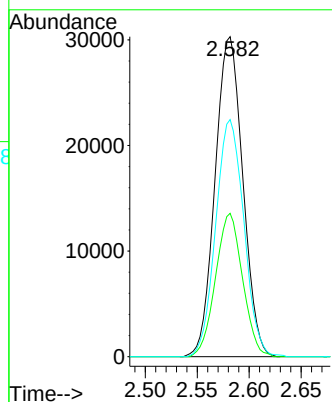
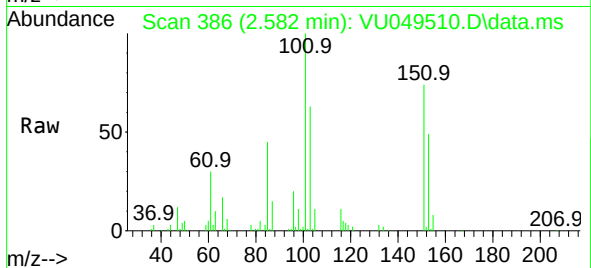




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.279 ug/l
RT: 2.582 min Scan# 386
Delta R.T. 0.020 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

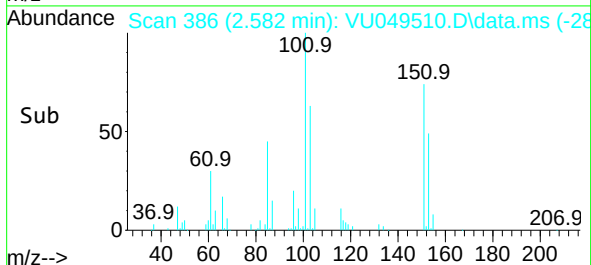
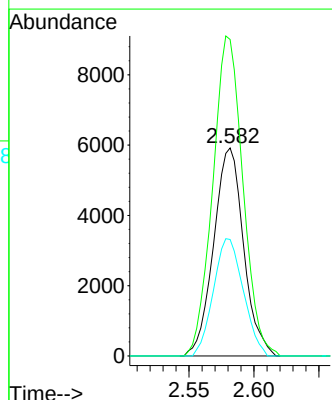
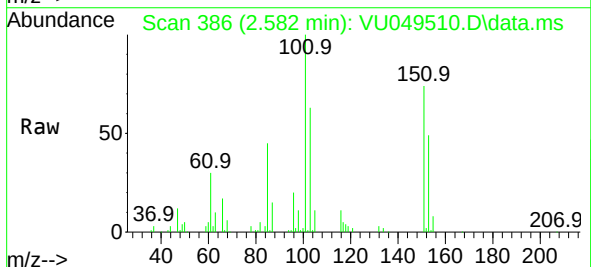
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20220622

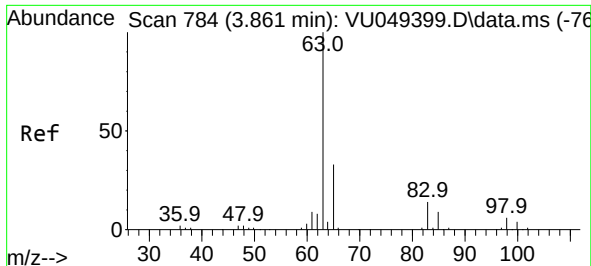
Tgt Ion: 101 Resp: 56257
Ion Ratio Lower Upper
101 100
85 43.6 33.9 50.9
151 75.3 64.0 96.0



#12
1,1-Dichloroethene
Concen: 3.151 ug/l
RT: 2.582 min Scan# 386
Delta R.T. 0.020 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

Tgt Ion: 96 Resp: 9494
Ion Ratio Lower Upper
96 100
61 152.2 122.2 183.2
98 56.0 50.7 76.1

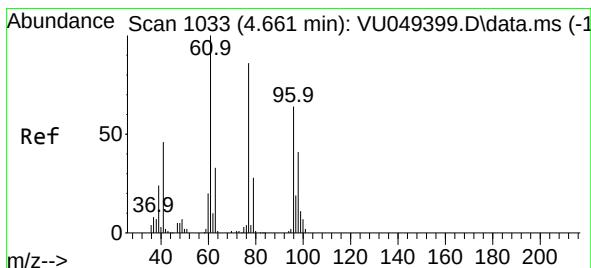
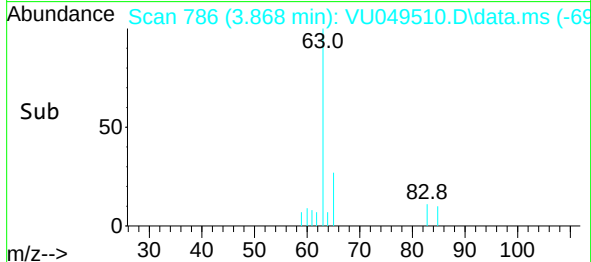
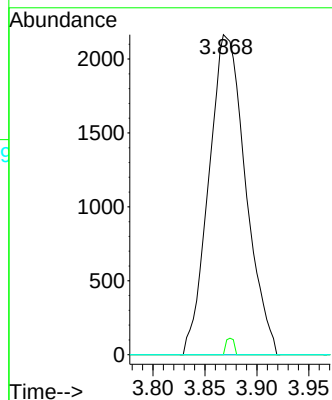
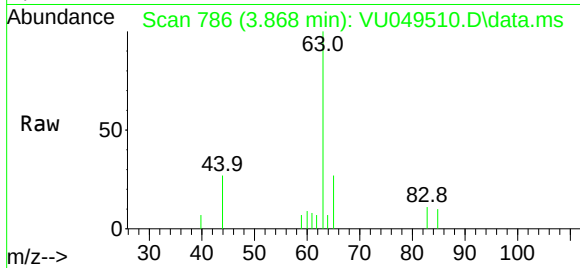




#24
1,1-Dichloroethane
Concen: 0.797 ug/l
RT: 3.868 min Scan# 71
Delta R.T. 0.007 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

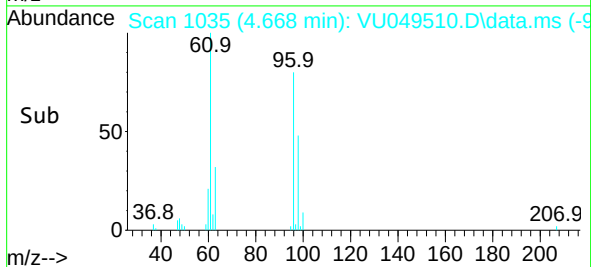
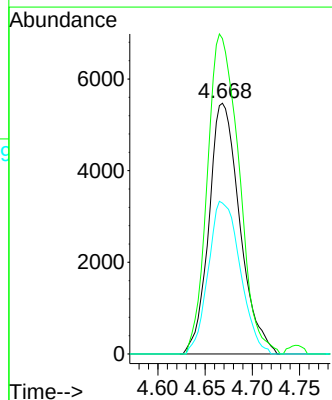
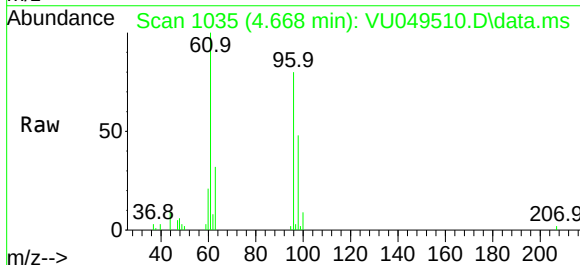
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20220622

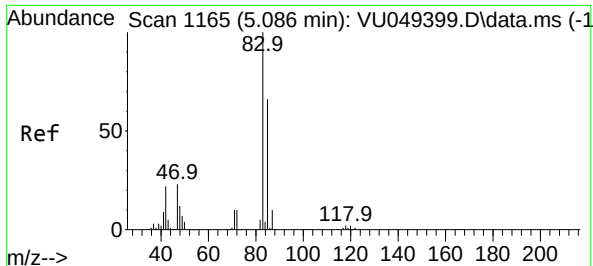
Tgt Ion: 63 Resp: 5323
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 3.312 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

Tgt Ion: 96 Resp: 12430
Ion Ratio Lower Upper
96 100
61 130.5 0.0 271.6
98 62.9 0.0 128.2





#30

Chloroform

Concen: 1.475 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.004 min

Lab File: VU049510.D

Acq: 29 Jun 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

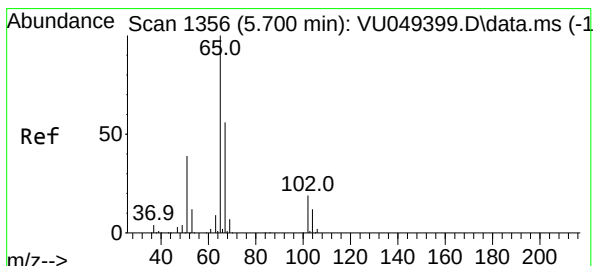
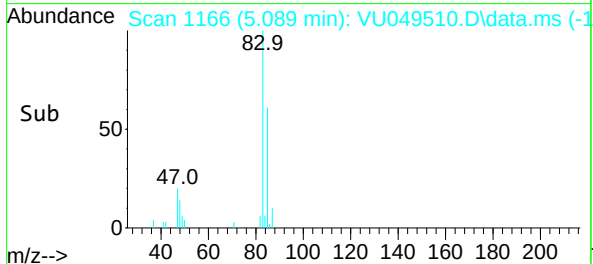
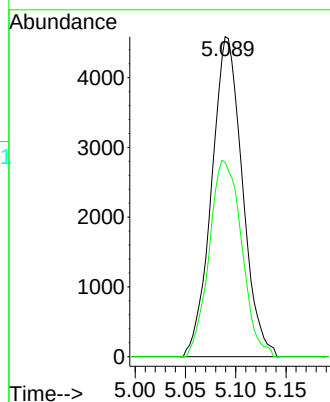
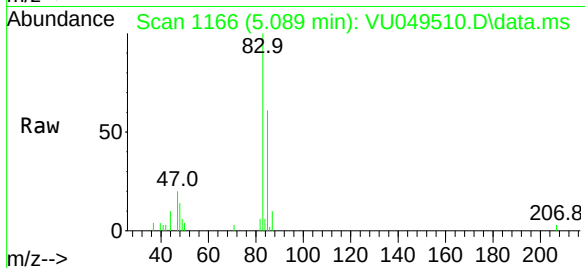
RE114D1-20220622

Tgt Ion: 83 Resp: 9748

Ion Ratio Lower Upper

83 100

85 60.7 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 45.183 ug/l

RT: 5.704 min Scan# 1357

Delta R.T. 0.004 min

Lab File: VU049510.D

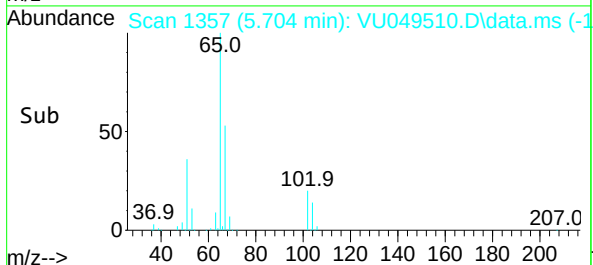
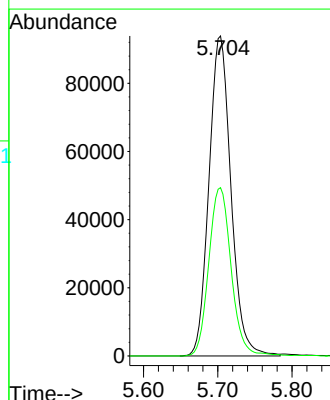
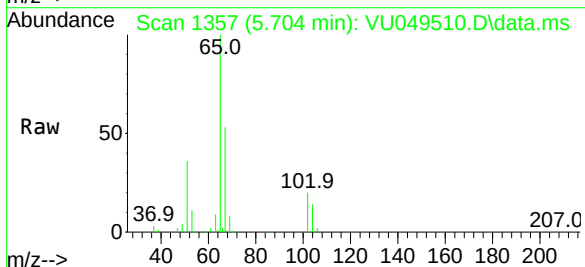
Acq: 29 Jun 2022 14:13

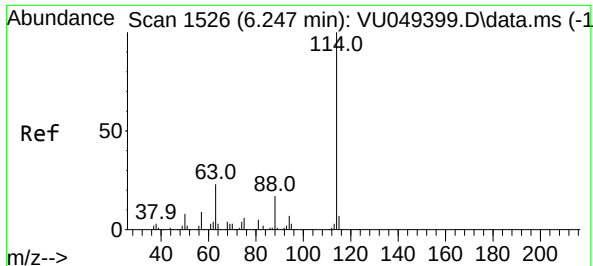
Tgt Ion: 65 Resp: 193054

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU049510.D

Acq: 29 Jun 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

RE114D1-20220622

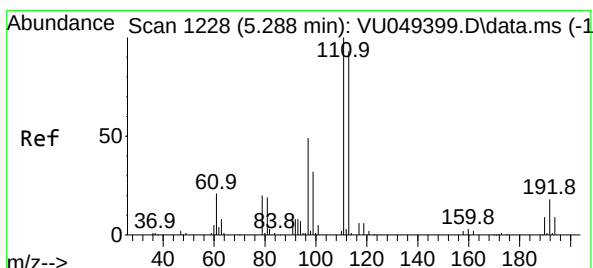
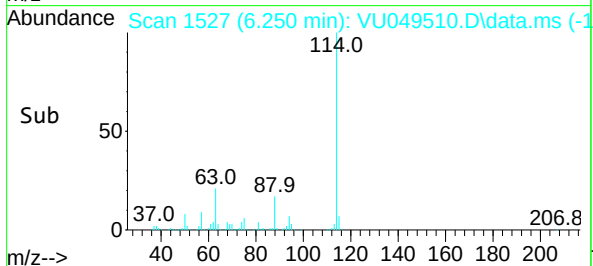
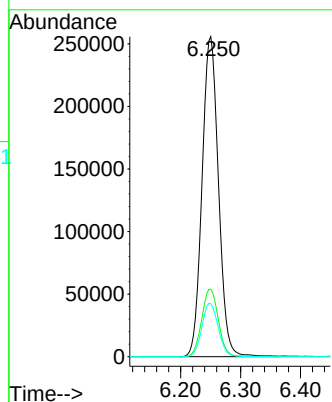
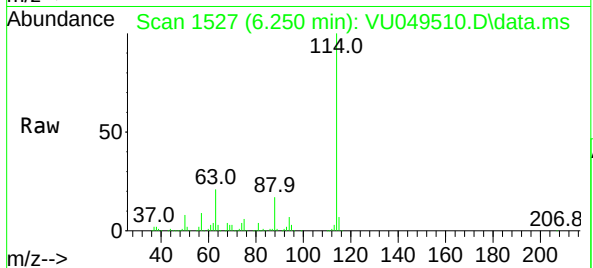
Tgt Ion:114 Resp: 488186

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.883 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049510.D

Acq: 29 Jun 2022 14:13

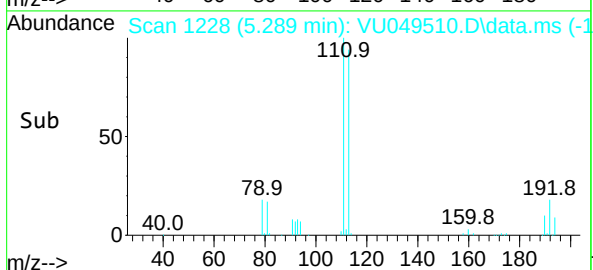
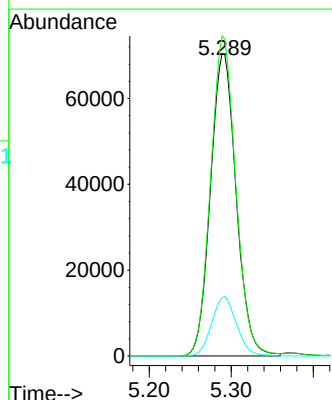
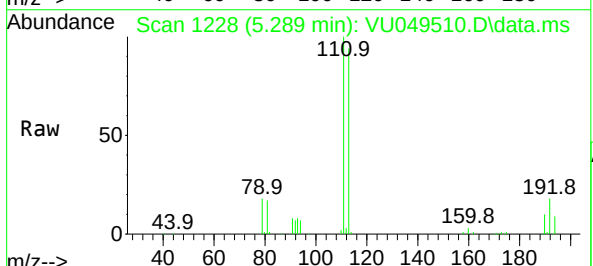
Tgt Ion:113 Resp: 153296

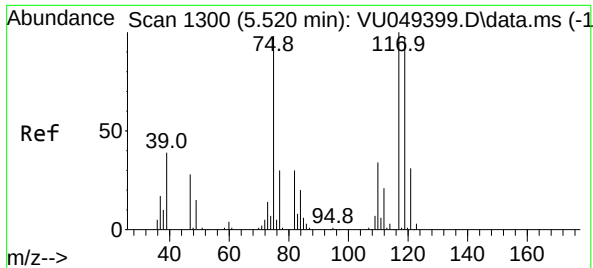
Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

192 18.9 18.0 27.0

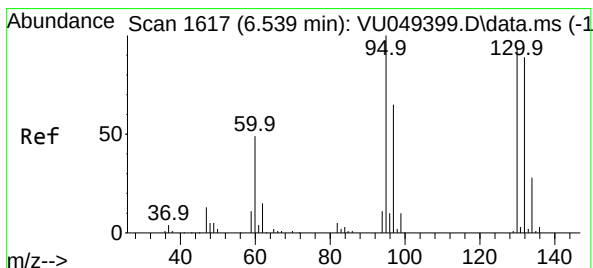
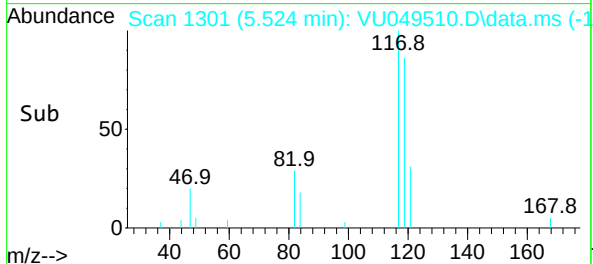
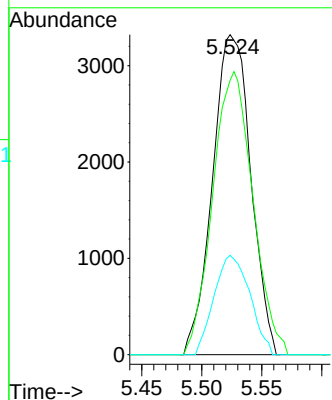
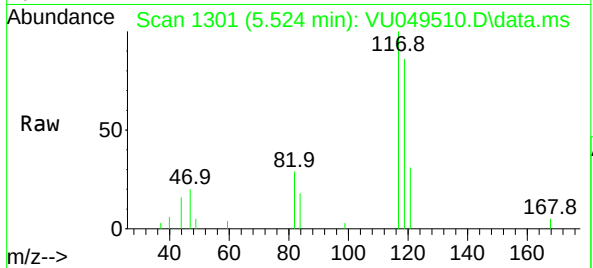




#38
Carbon Tetrachloride
Concen: 1.420 ug/l
RT: 5.524 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

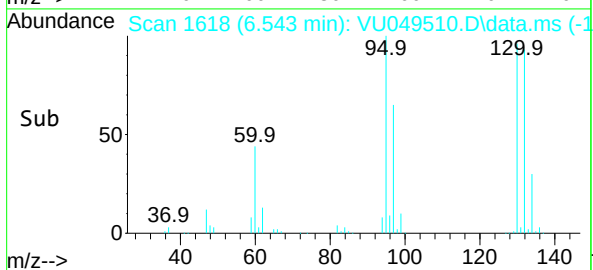
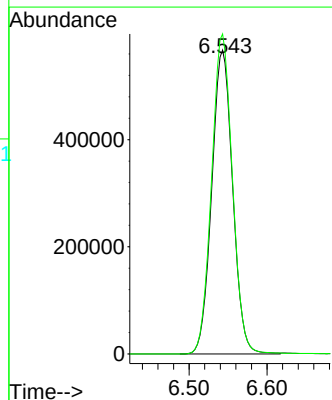
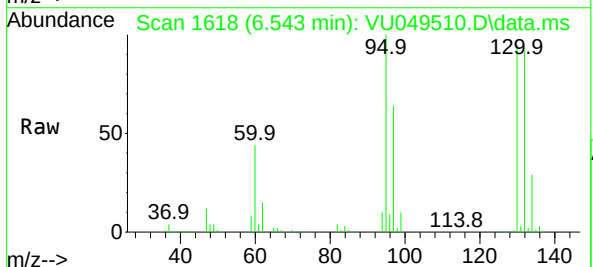
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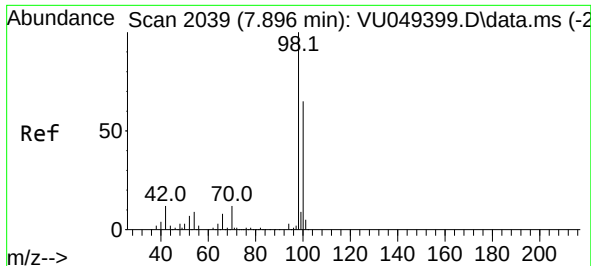
Tgt Ion:117 Resp: 7373
Ion Ratio Lower Upper
117 100
119 85.7 76.8 115.2
121 31.1 24.7 37.1



#44
Trichloroethene
Concen: 297.572 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.004 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

Tgt Ion:130 Resp: 1057695
Ion Ratio Lower Upper
130 100
95 105.3 0.0 184.6

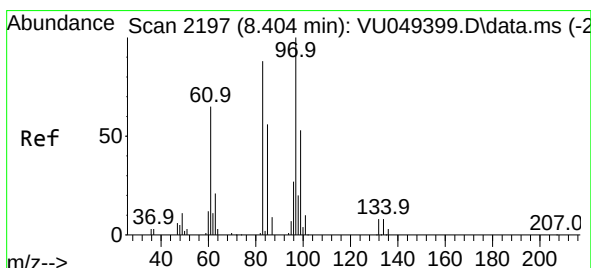
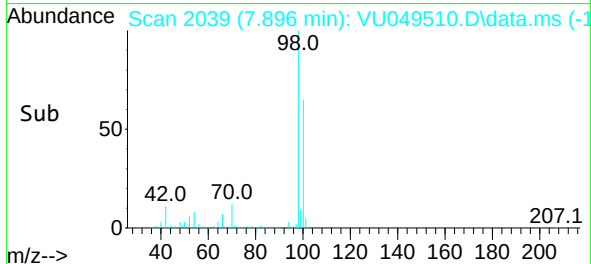
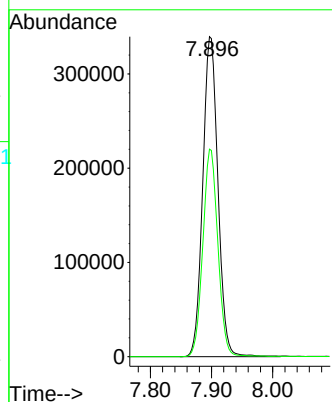
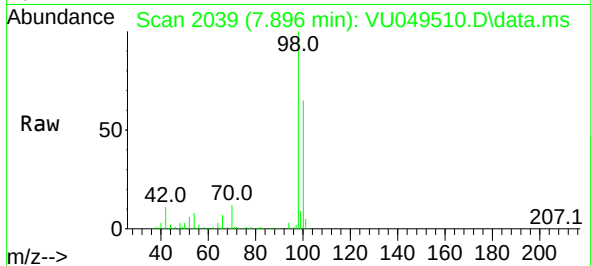




#50
Toluene-d8
Concen: 48.069 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

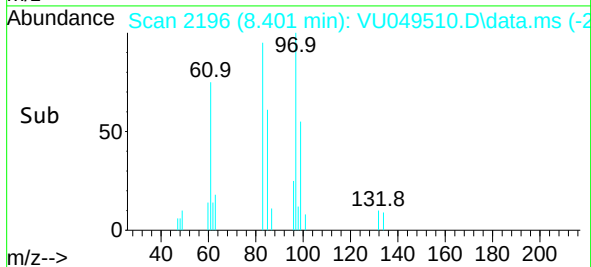
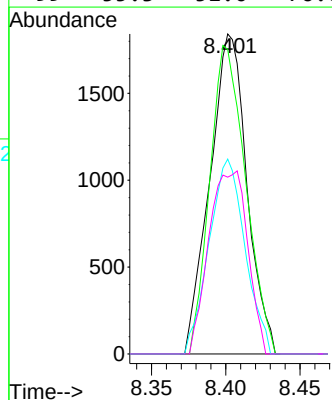
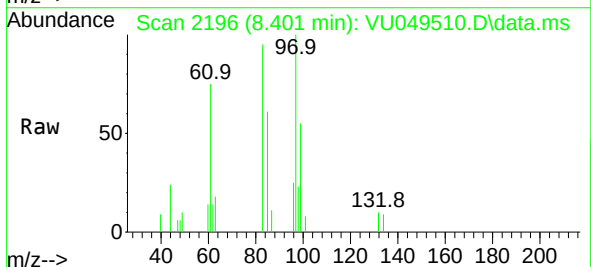
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20220622

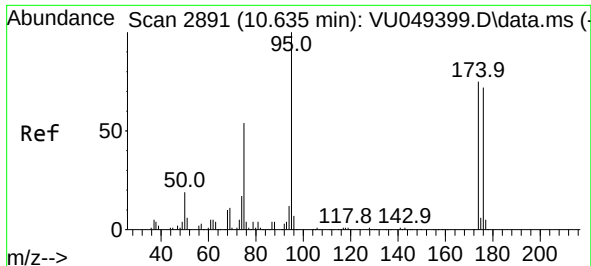
Tgt Ion: 98 Resp: 585584
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.870 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

Tgt Ion: 97 Resp: 3196
Ion Ratio Lower Upper
97 100
83 95.2 70.2 105.4
85 60.9 44.6 66.8
99 55.3 51.0 76.6

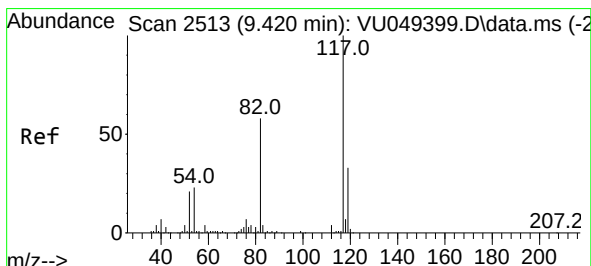
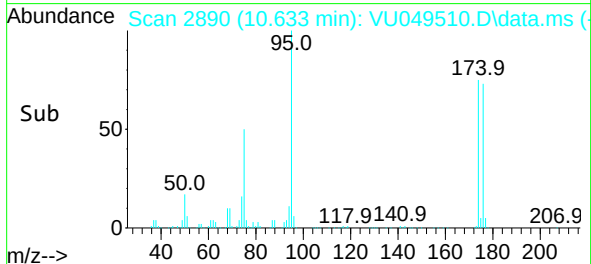
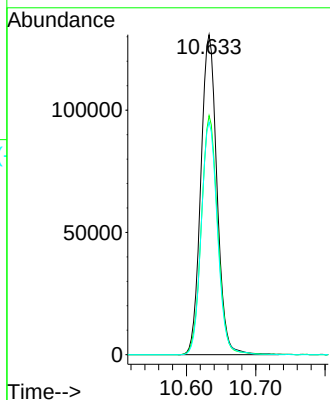
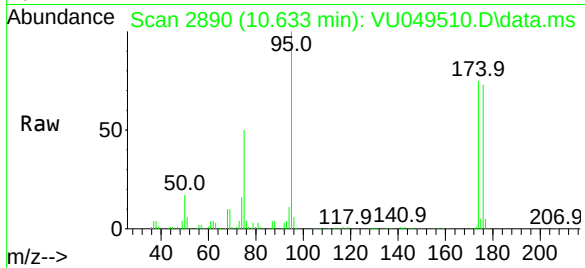




#62
4-Bromofluorobenzene
Concen: 45.359 ug/l
RT: 10.633 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

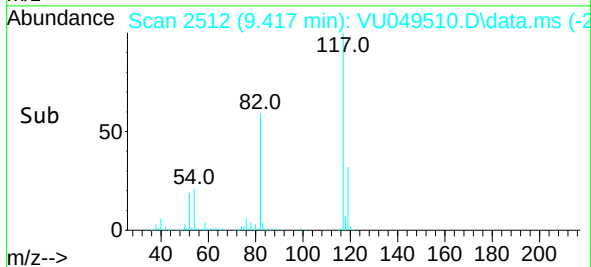
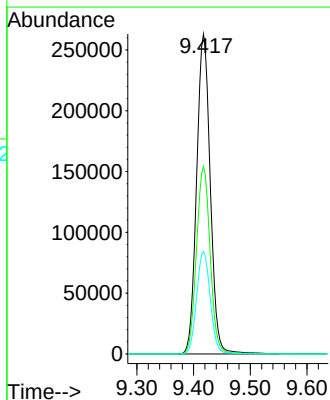
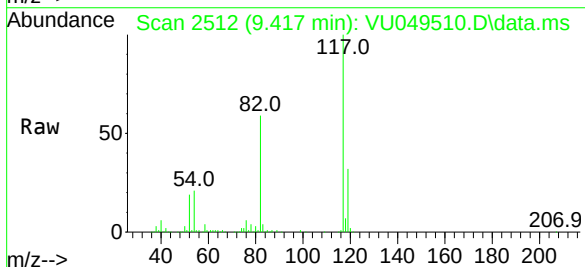
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20220622

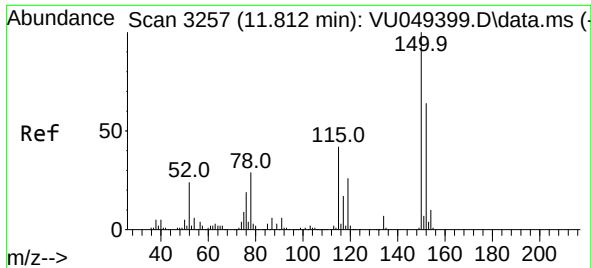
Tgt Ion: 95 Resp: 211670
Ion Ratio Lower Upper
95 100
174 75.2 0.0 182.0
176 73.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049510.D
Acq: 29 Jun 2022 14:13

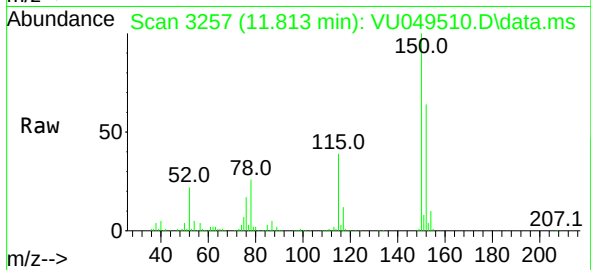
Tgt Ion: 117 Resp: 439523
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049510.D
 Acq: 29 Jun 2022 14:13

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D1-20220622



Tgt Ion:152 Resp: 200726

Ion	Ratio	Lower	Upper
152	100		
115	60.6	37.0	110.9
150	157.1	0.0	342.2

