

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049470.D
 Acq On : 28 Jun 2022 19:53
 Operator : SY/MD
 Sample : N3458-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622

Quant Time: Jun 29 05:22:16 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)

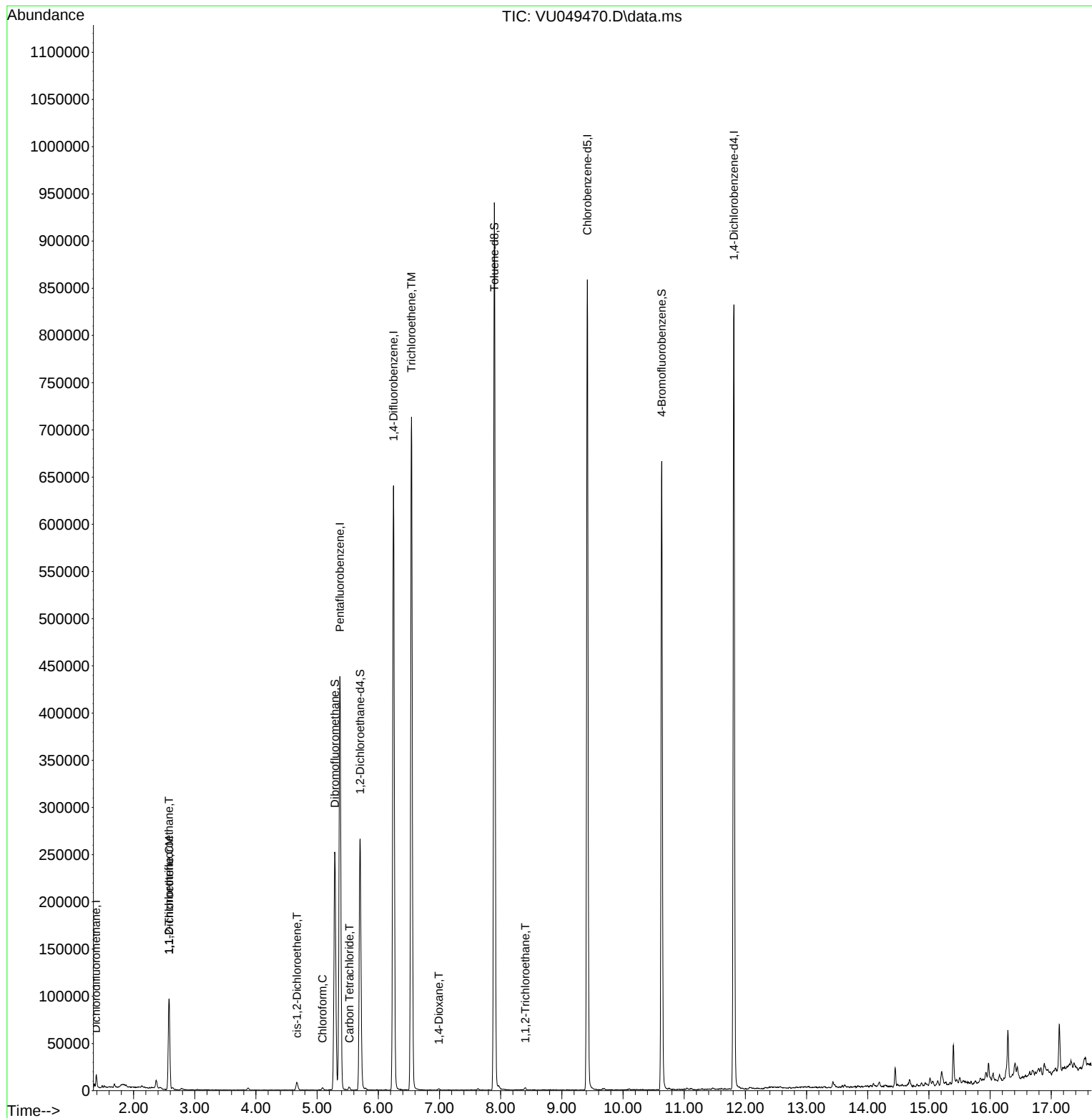
Internal Standards						
1) Pentafluorobenzene	5.372	168	303817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	527739	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	471086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201596	43.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.180%
35) Dibromofluoromethane	5.289	113	163604	44.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	7.896	98	630322	47.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	10.632	95	231187	45.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1849	0.379	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.578	101	35484	10.528	ug/l	97
12) 1,1-Dichloroethene	2.581	96	2507	0.760	ug/l	95
27) cis-1,2-Dichloroethene	4.671	96	4407	1.072	ug/l	92
30) Chloroform	5.089	83	2279	0.315	ug/l	85
38) Carbon Tetrachloride	5.527	117	2214	0.394	ug/l	86
44) Trichloroethene	6.543	130	238714	62.126	ug/l	88
49) 1,4-Dioxane	6.989	88	1245	9.674	ug/l	# 1
55) 1,1,2-Trichloroethane	8.404	97	1021	0.257	ug/l	90

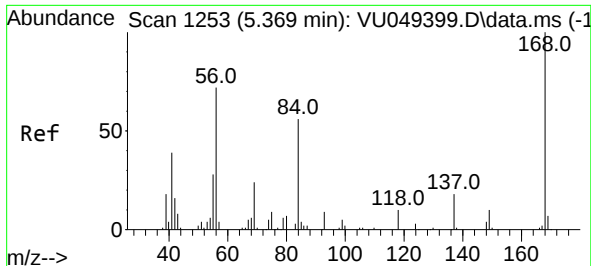
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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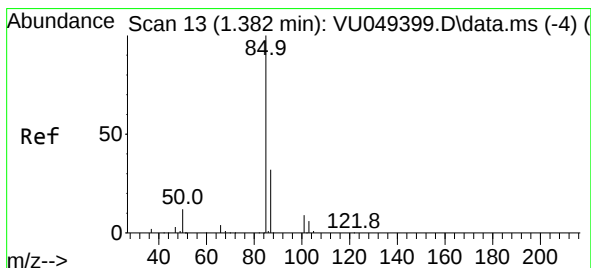
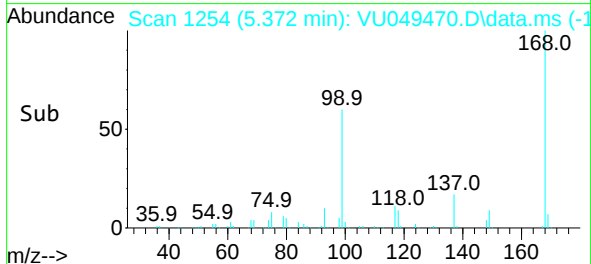
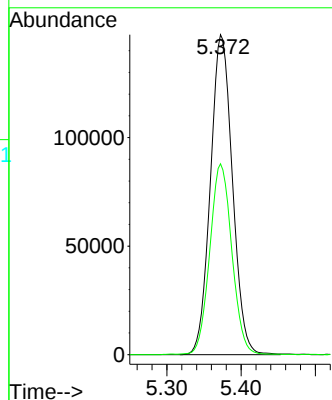
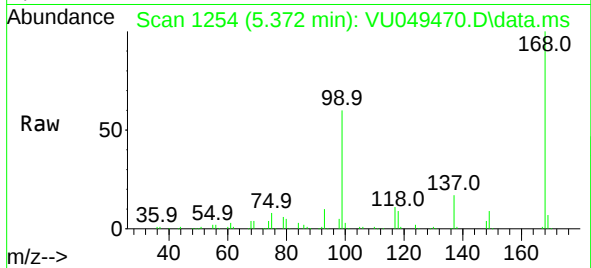




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

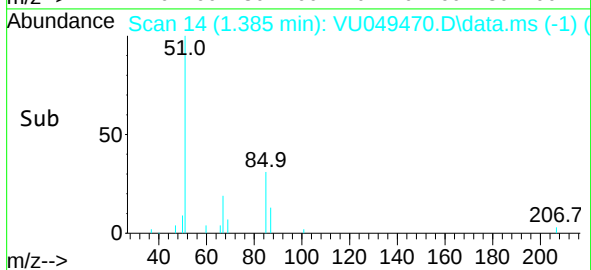
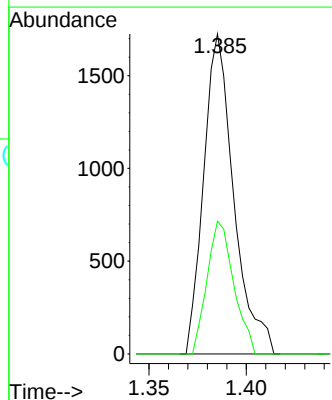
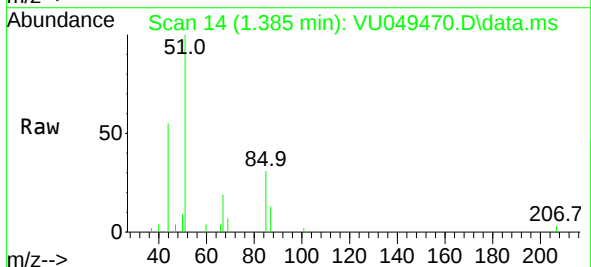
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MSVOA_U
ClientSampleId :
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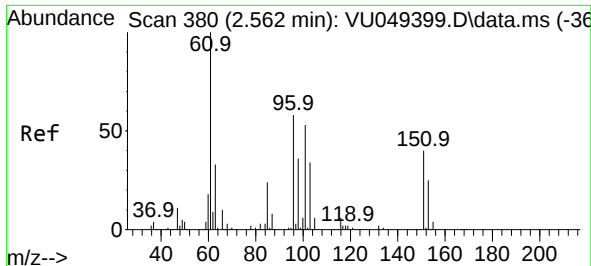
Tgt Ion:168 Resp: 303817
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.379 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 85 Resp: 1849
Ion Ratio Lower Upper
85 100
87 41.5 16.4 49.2

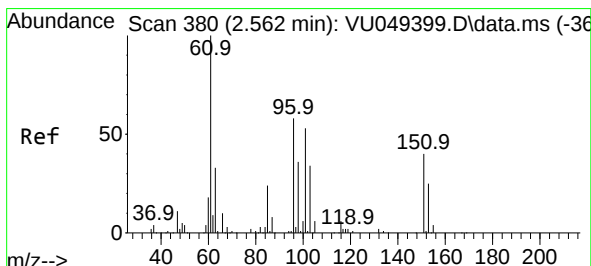
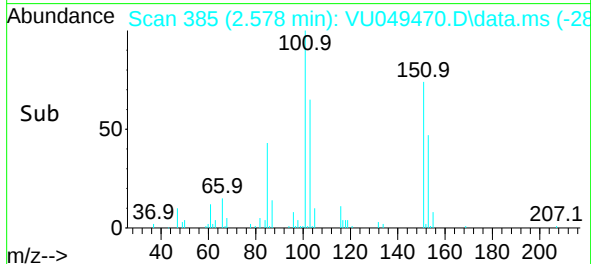
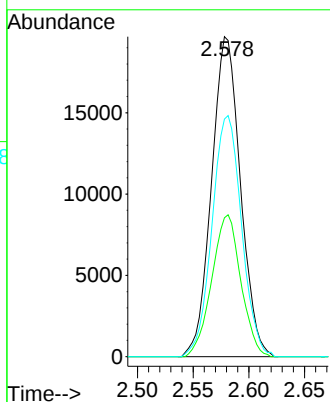
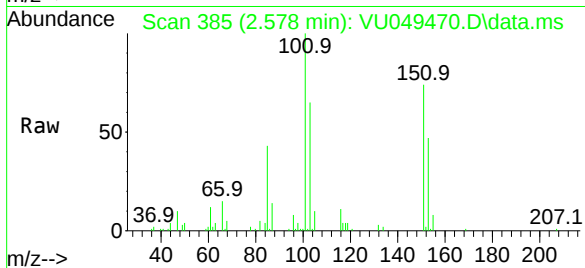




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.528 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

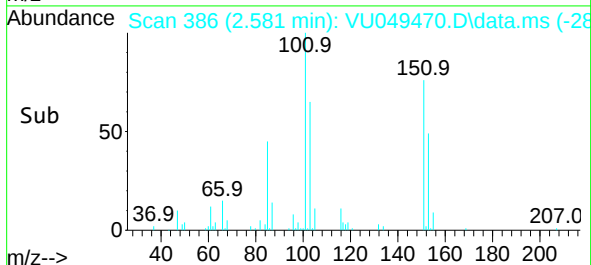
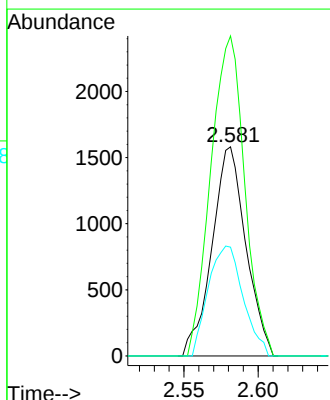
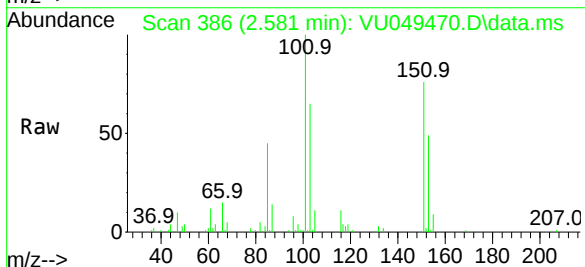
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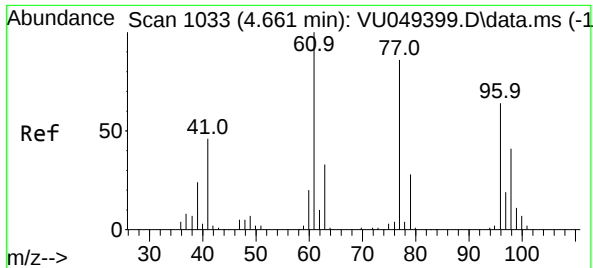
Tgt Ion:101 Resp: 35484
Ion Ratio Lower Upper
101 100
85 44.6 33.9 50.9
151 77.1 64.0 96.0



#12
1,1-Dichloroethene
Concen: 0.760 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 96 Resp: 2507
Ion Ratio Lower Upper
96 100
61 153.1 122.2 183.2
98 52.0 50.7 76.1

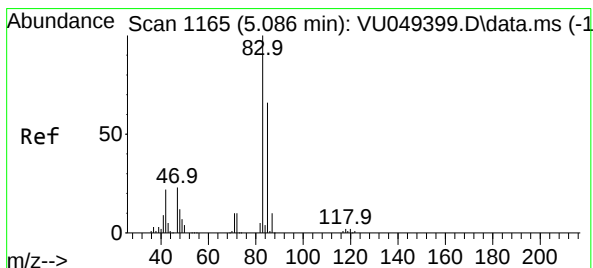
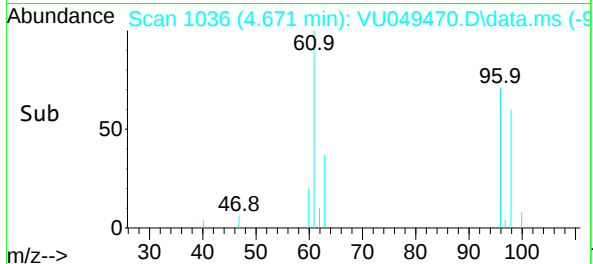
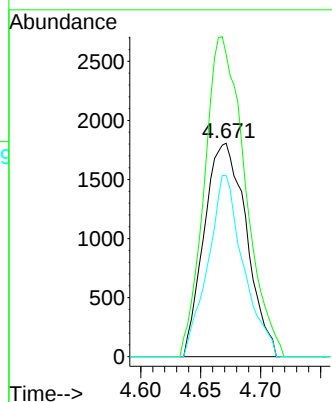
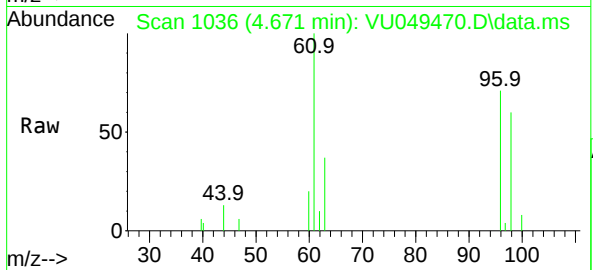




#27
 cis-1,2-Dichloroethene
 Concen: 1.072 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VU049470.D
 Acq: 28 Jun 2022 19:53

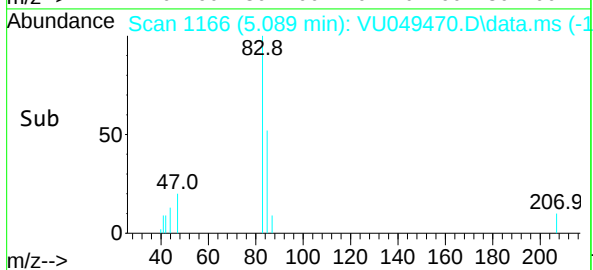
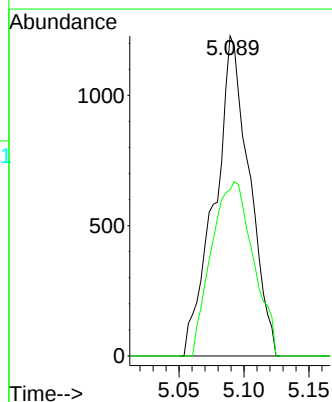
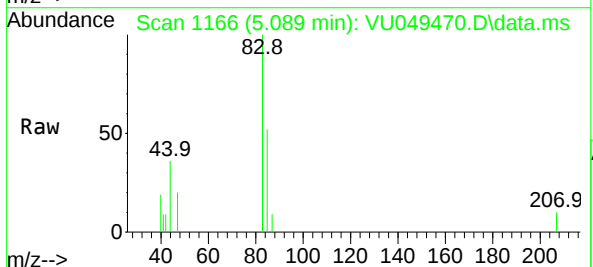
Instrument :
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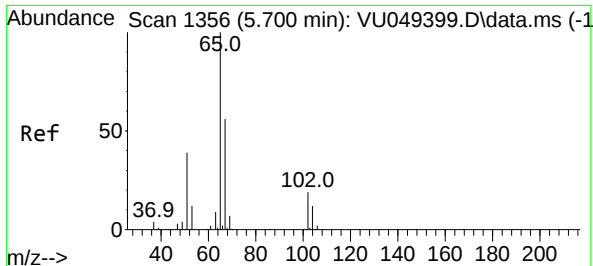
Tgt Ion: 96 Resp: 4407
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 271.6
 98 71.3 0.0 128.2



#30
 Chloroform
 Concen: 0.315 ug/l
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.003 min
 Lab File: VU049470.D
 Acq: 28 Jun 2022 19:53

Tgt Ion: 83 Resp: 2279
 Ion Ratio Lower Upper
 83 100
 85 52.0 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 43.085 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

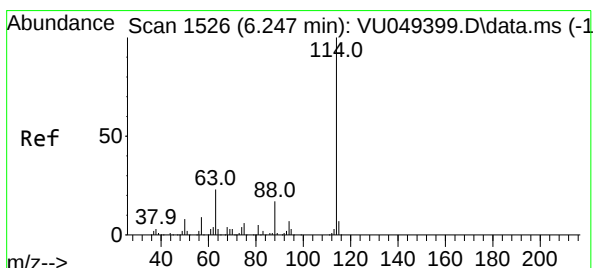
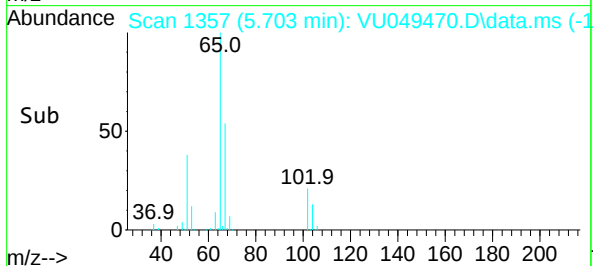
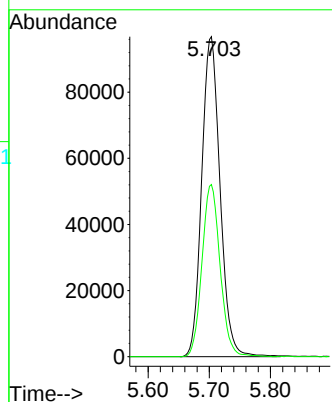
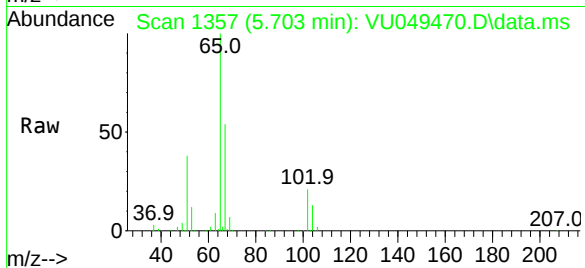
RE114D2-20220622

Tgt Ion: 65 Resp: 201596

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049470.D

Acq: 28 Jun 2022 19:53

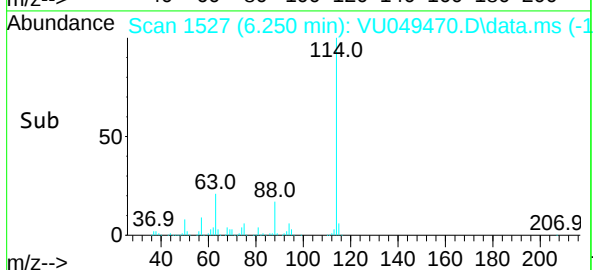
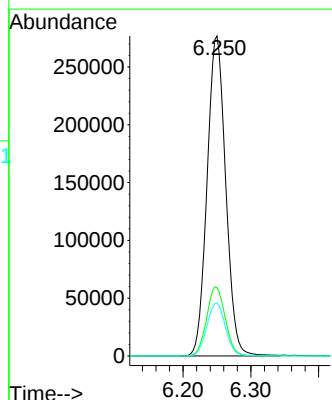
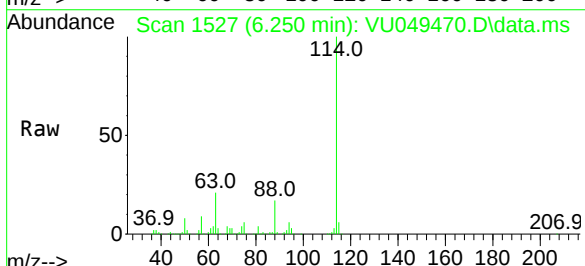
Tgt Ion: 114 Resp: 527739

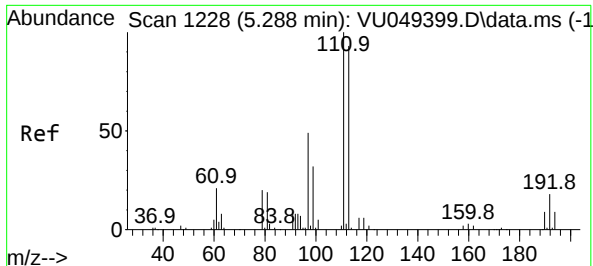
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

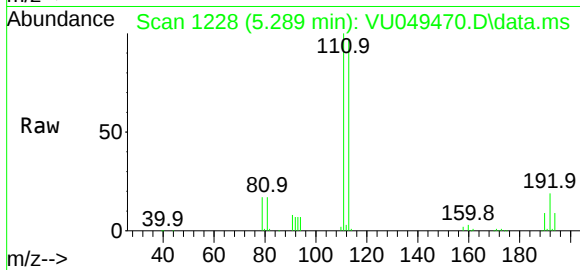
88 16.6 0.0 29.2



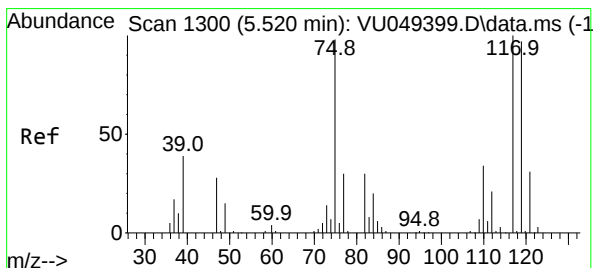
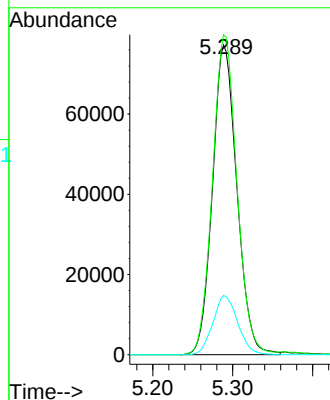
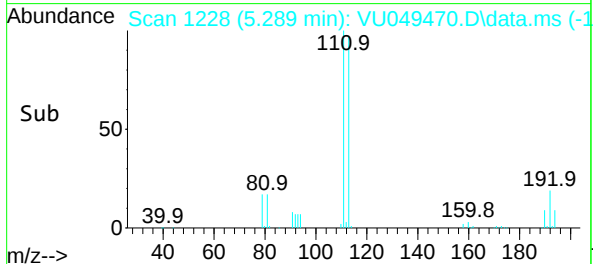


#35
Dibromofluoromethane
Concen: 44.311 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Instrument :
MSVOA_U
ClientSampleId :
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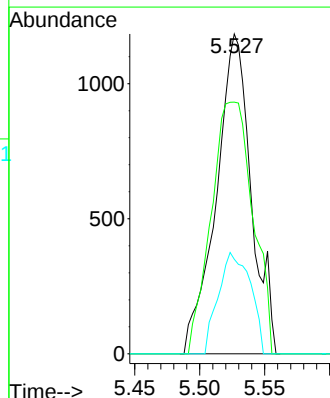
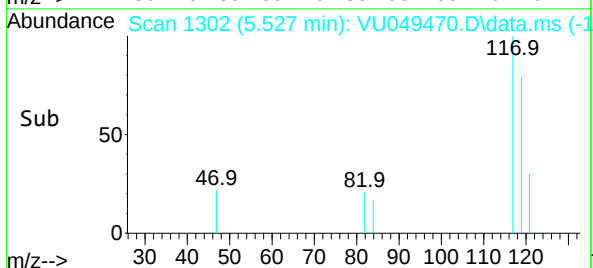
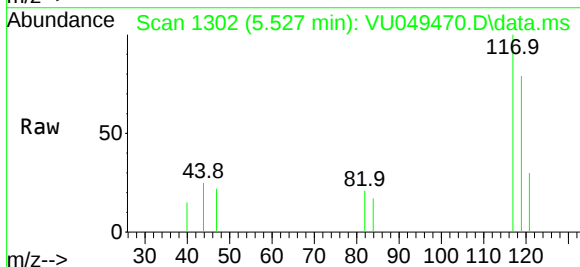


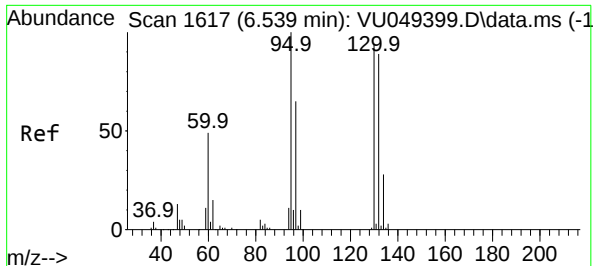
Tgt Ion:113 Resp: 163604
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 19.4 18.0 27.0



#38
Carbon Tetrachloride
Concen: 0.394 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion:117 Resp: 2214
Ion Ratio Lower Upper
117 100
119 78.7 76.8 115.2
121 29.6 24.7 37.1

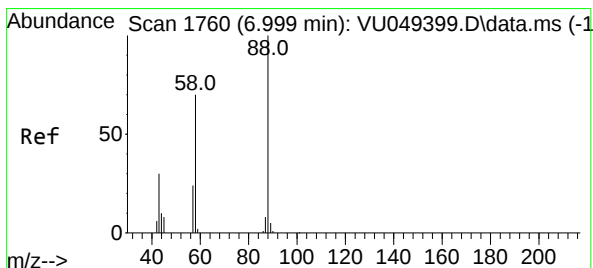
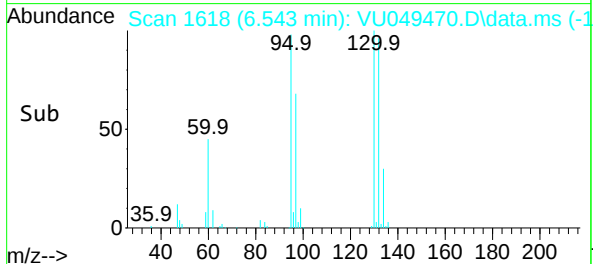
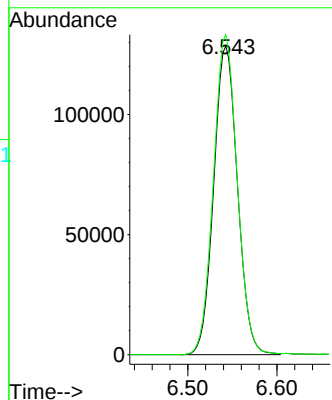
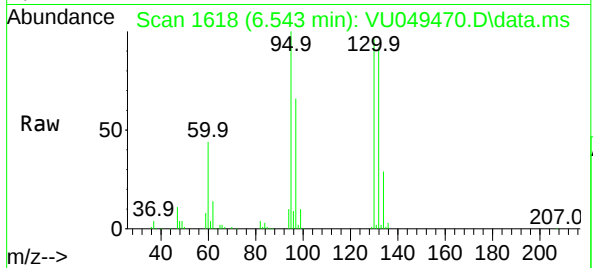




#44
Trichloroethene
Concen: 62.126 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

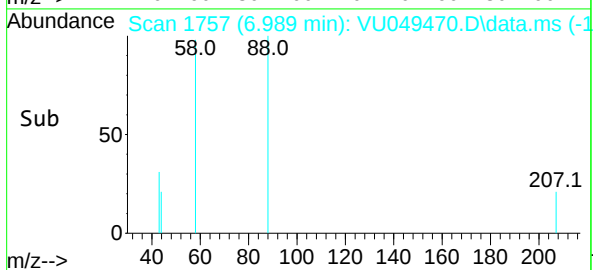
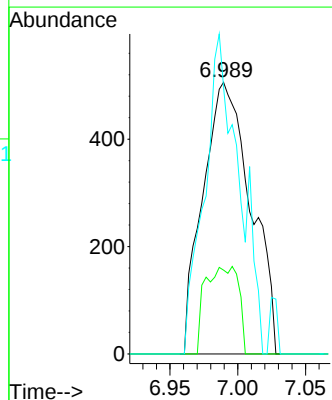
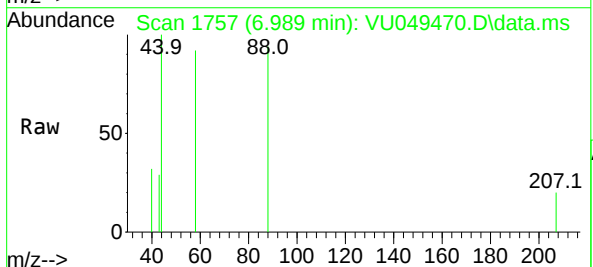
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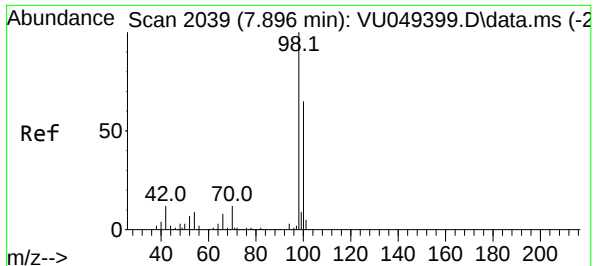
Tgt Ion:130 Resp: 238714
Ion Ratio Lower Upper
130 100
95 103.6 0.0 184.6



#49
1,4-Dioxane
Concen: 9.674 ug/l
RT: 6.989 min Scan# 1757
Delta R.T. -0.009 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 88 Resp: 1245
Ion Ratio Lower Upper
88 100
43 22.2 0.0 0.0#
58 85.0 15.4 23.0#

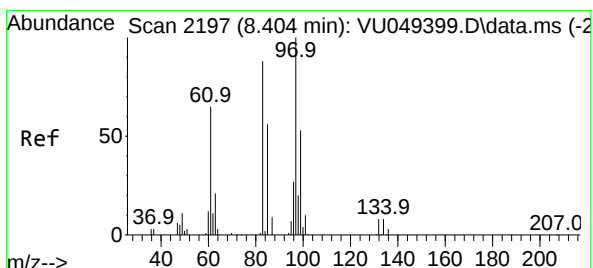
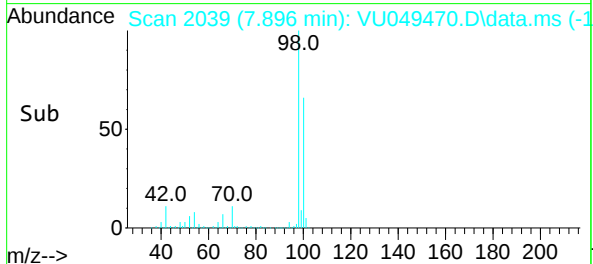
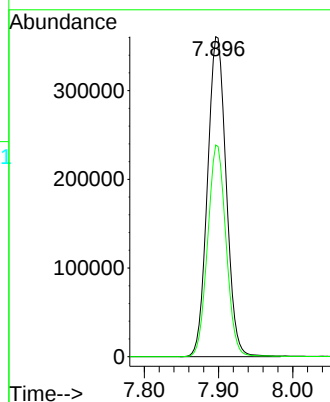
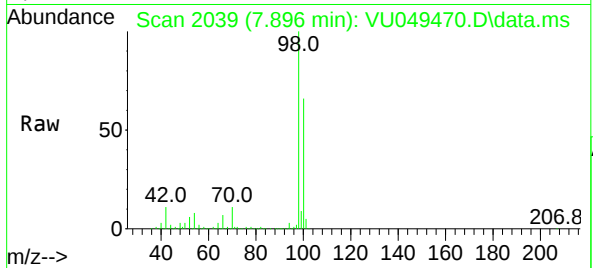




#50
Toluene-d8
Concen: 47.864 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

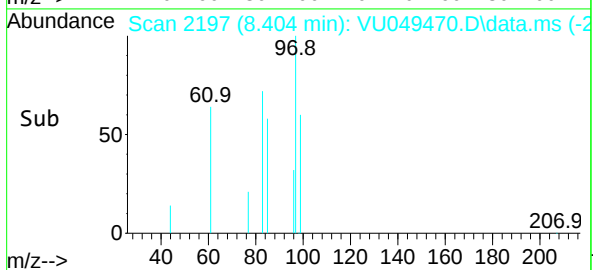
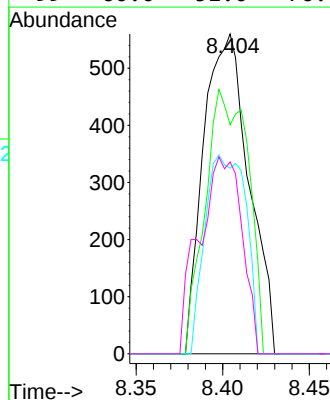
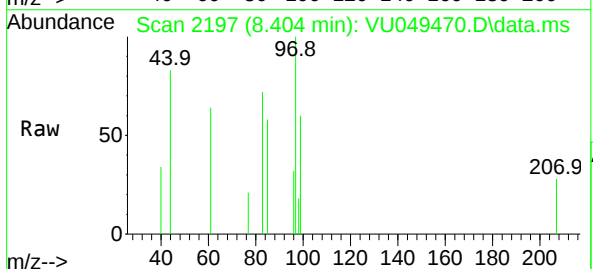
Instrument :
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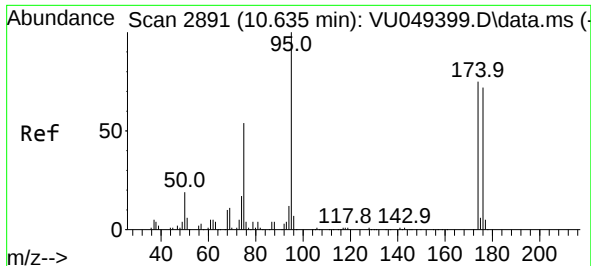
Tgt Ion: 98 Resp: 630322
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.257 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 97 Resp: 1021
Ion Ratio Lower Upper
97 100
83 71.6 70.2 105.4
85 58.0 44.6 66.8
99 60.0 51.0 76.6

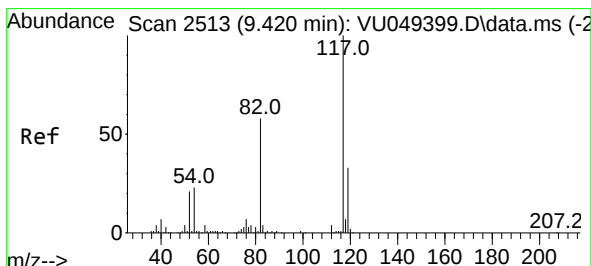
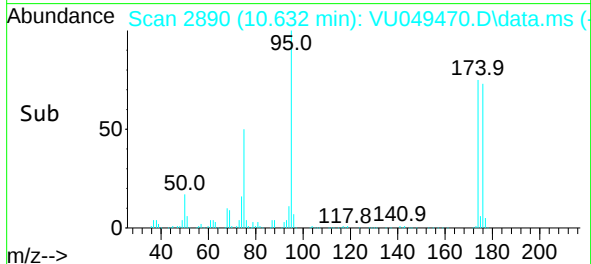
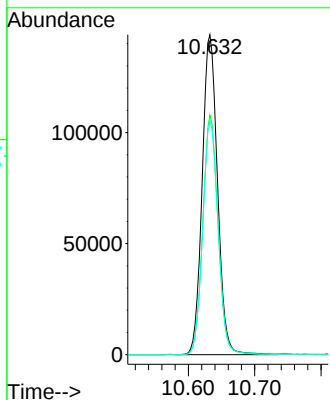
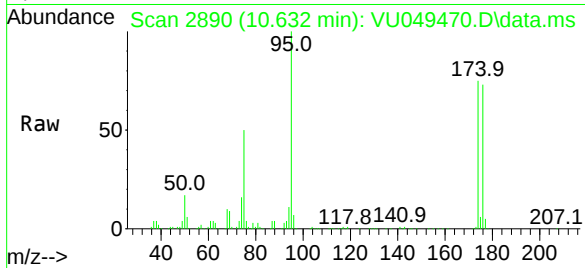




#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

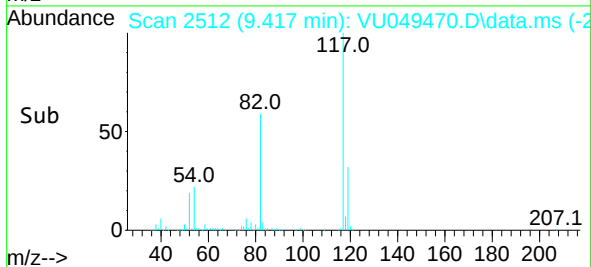
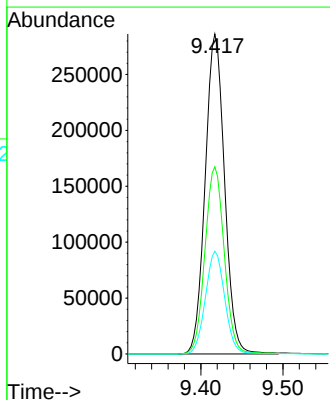
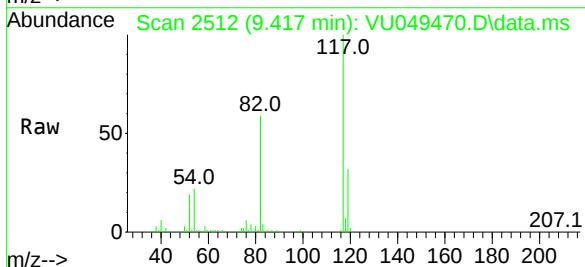
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622

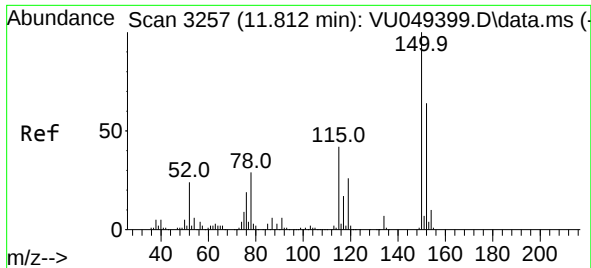
Tgt Ion: 95 Resp: 231187
Ion Ratio Lower Upper
95 100
174 74.7 0.0 182.0
176 73.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049470.D
Acq: 28 Jun 2022 19:53

Tgt Ion: 117 Resp: 471086
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049470.D

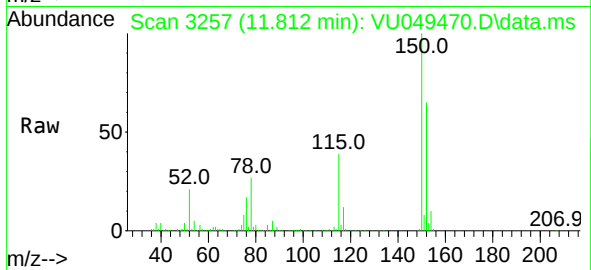
Acq: 28 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622



Tgt Ion:152 Resp: 220980

Ion Ratio Lower Upper

152 100

115 60.7 37.0 110.9

150 156.1 0.0 342.2

