

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049493.D
 Acq On : 29 Jun 2022 05:19
 Operator : SY/MD
 Sample : N3457-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE132D5-20220620

Quant Time: Jun 29 08:02:59 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)

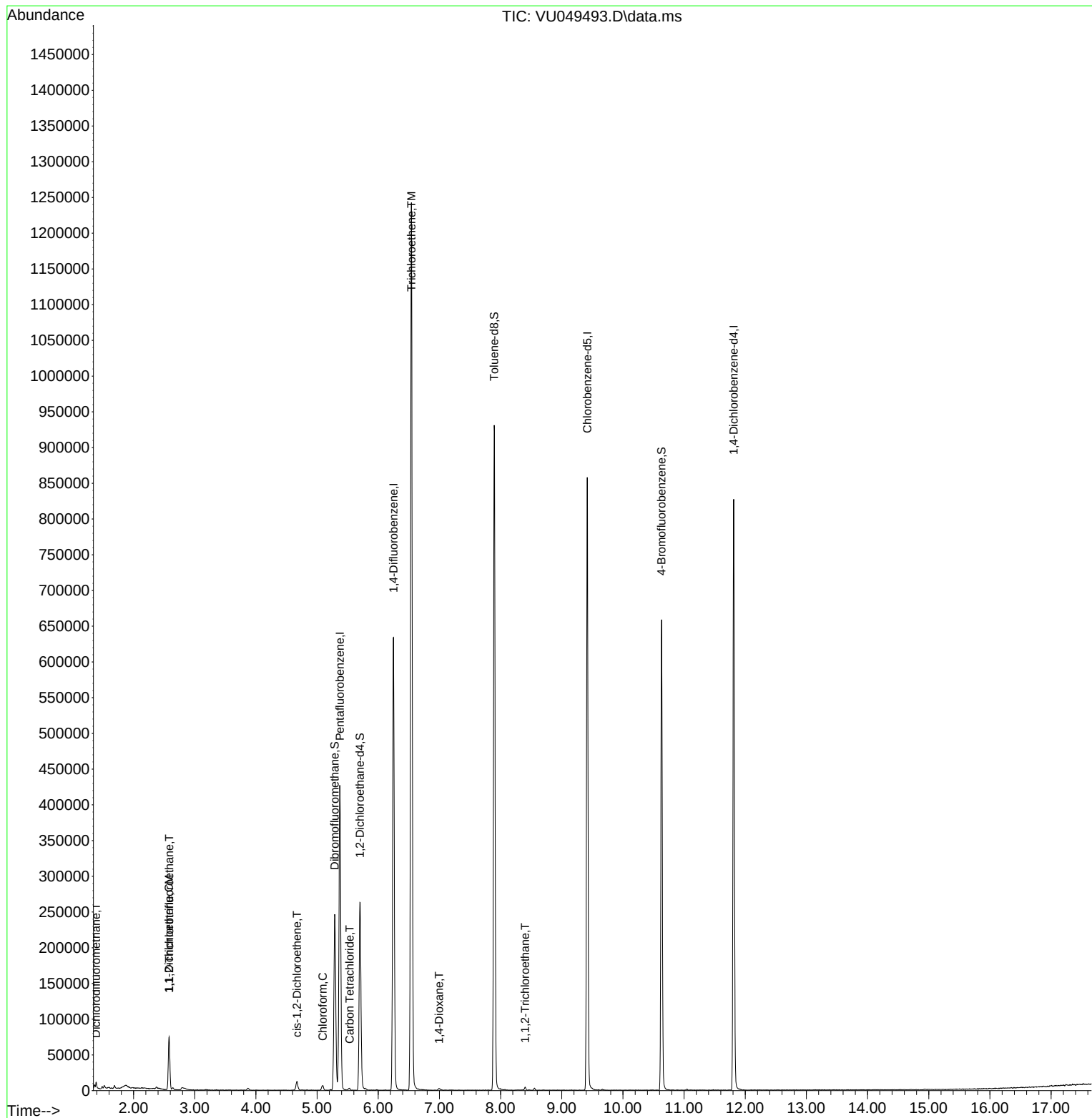
Internal Standards						
1) Pentafluorobenzene	5.372	168	292758	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	515208	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	472450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	221938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	199494	44.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.500%
35) Dibromofluoromethane	5.288	113	160258	44.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.920%
50) Toluene-d8	7.896	98	618831	48.134	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	10.632	95	227864	46.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	2890	0.614	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	24443	7.526	ug/l	94
12) 1,1-Dichloroethene	2.578	96	5480	1.723	ug/l	96
27) cis-1,2-Dichloroethene	4.671	96	7001	1.768	ug/l	93
30) Chloroform	5.092	83	5830	0.836	ug/l	98
38) Carbon Tetrachloride	5.533	117	1802	0.329	ug/l	98
44) Trichloroethene	6.542	130	418604	111.593	ug/l	89
49) 1,4-Dioxane	6.996	88	2307	18.361	ug/l #	1
55) 1,1,2-Trichloroethane	8.401	97	1348	0.348	ug/l #	89

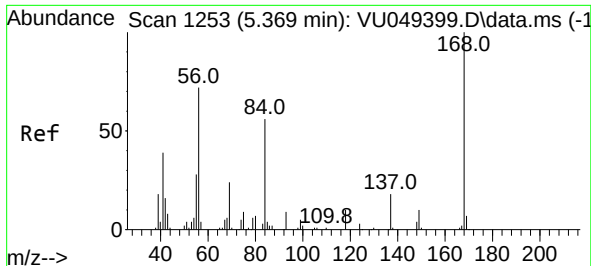
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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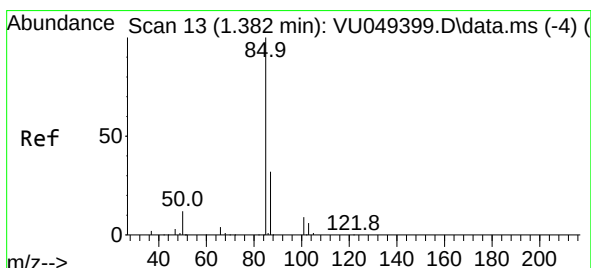
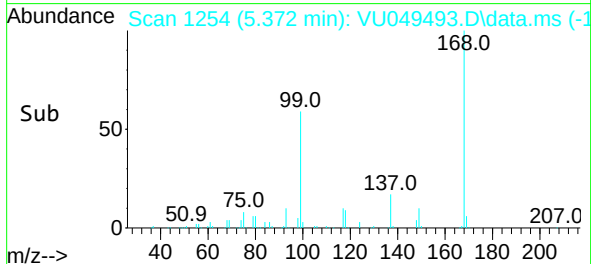
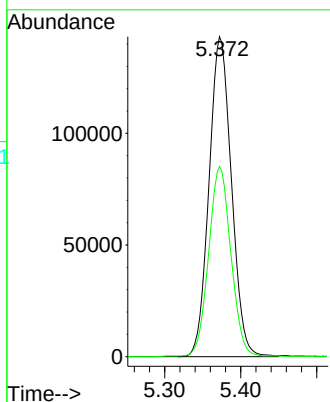
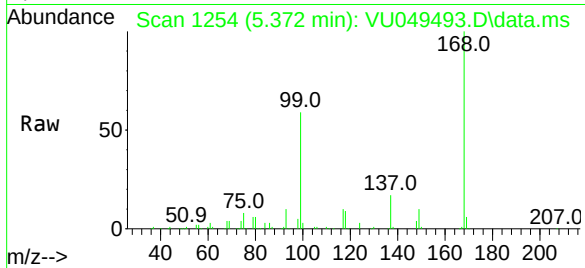




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

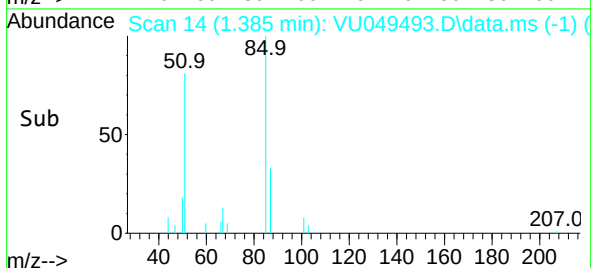
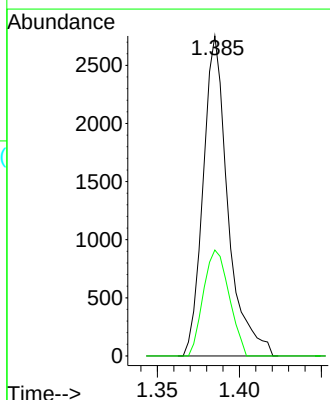
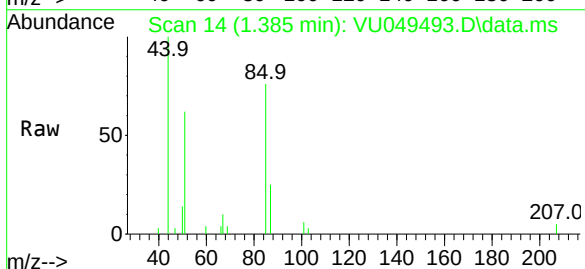
Instrument :
MSVOA_U
ClientSampleId :
RE132D5-20220620

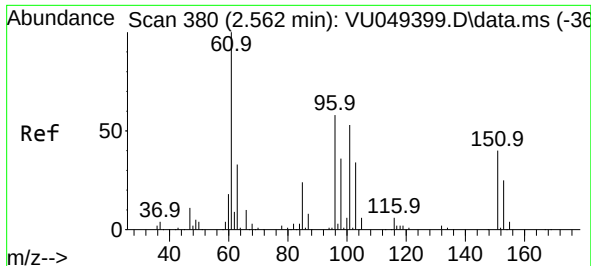
Tgt Ion:168 Resp: 292758
Ion Ratio Lower Upper
168 100
99 59.3 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.614 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion: 85 Resp: 2890
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2

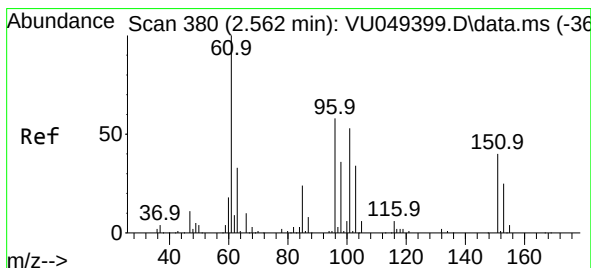
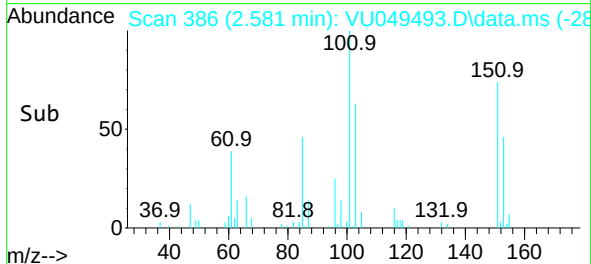
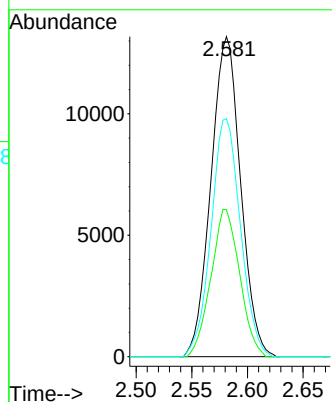
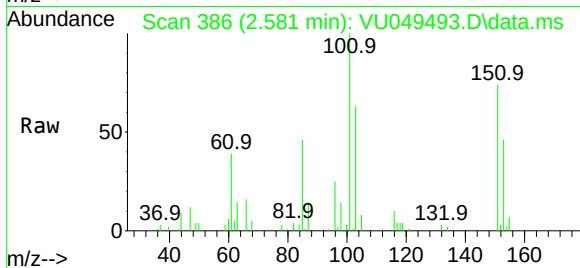




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.526 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.019 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

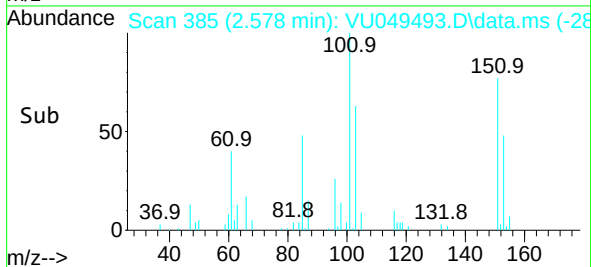
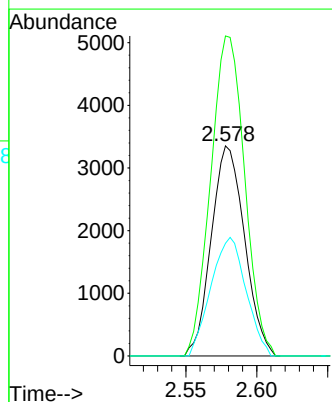
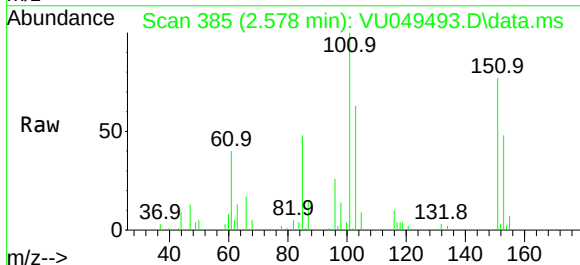
Instrument :
MSVOA_U
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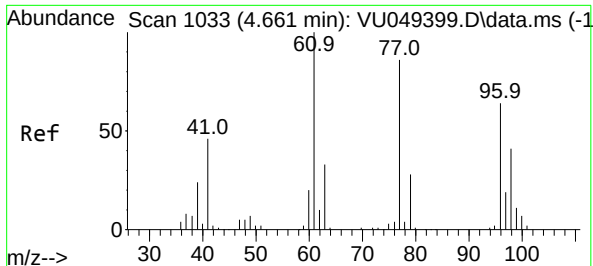
Tgt Ion:101 Resp: 24443
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 73.7 64.0 96.0



#12
1,1-Dichloroethene
Concen: 1.723 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion: 96 Resp: 5480
Ion Ratio Lower Upper
96 100
61 152.3 122.2 183.2
98 53.6 50.7 76.1

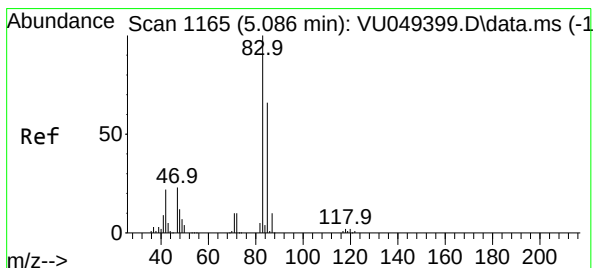
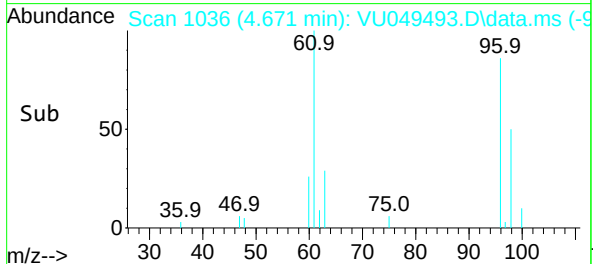
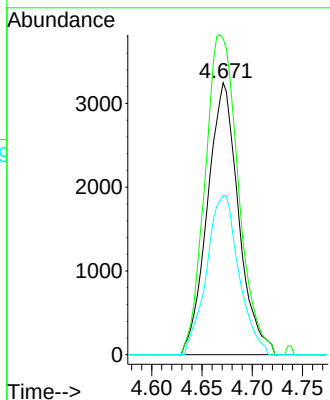
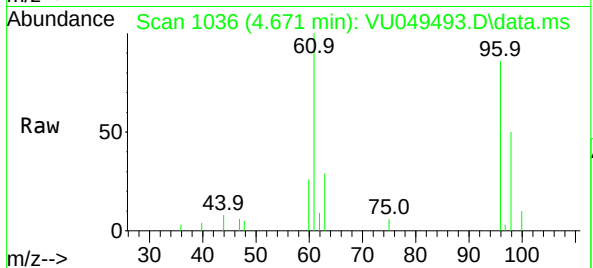




#27
 cis-1,2-Dichloroethene
 Concen: 1.768 ug/l
 RT: 4.671 min Scan# 1103
 Delta R.T. 0.010 min
 Lab File: VU049493.D
 Acq: 29 Jun 2022 05:19

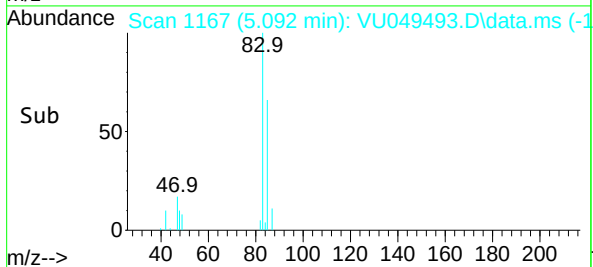
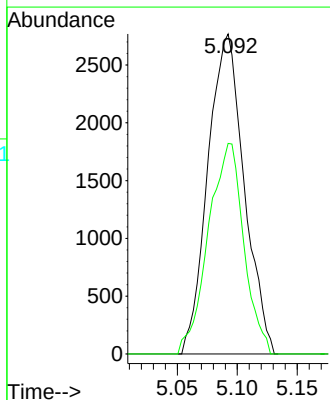
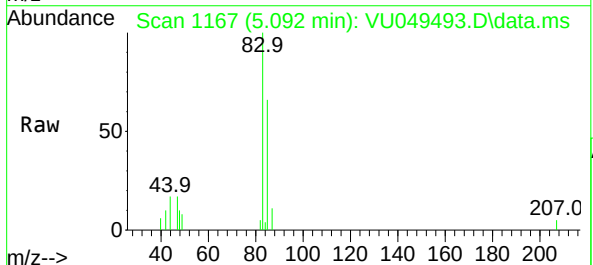
Instrument :
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 ClientSampleId :
 RE132D5-20220620

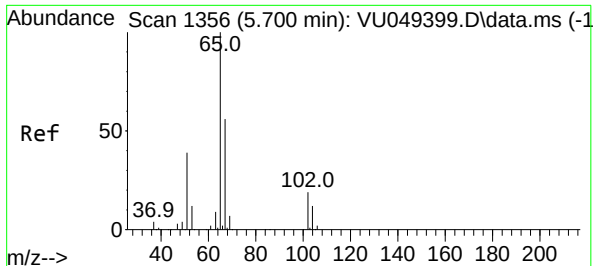
Tgt Ion: 96 Resp: 7001
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 271.6
 98 60.7 0.0 128.2



#30
 Chloroform
 Concen: 0.836 ug/l
 RT: 5.092 min Scan# 1167
 Delta R.T. 0.006 min
 Lab File: VU049493.D
 Acq: 29 Jun 2022 05:19

Tgt Ion: 83 Resp: 5830
 Ion Ratio Lower Upper
 83 100
 85 65.8 51.2 76.8

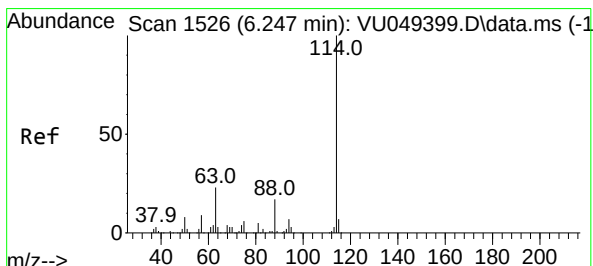
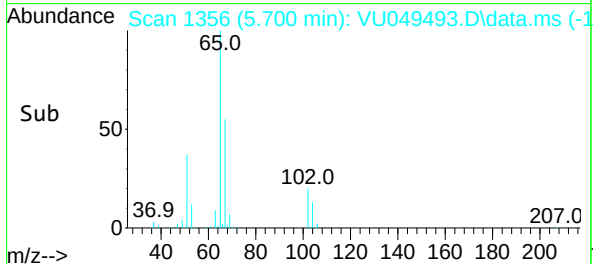
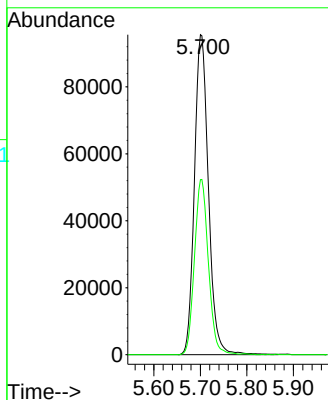
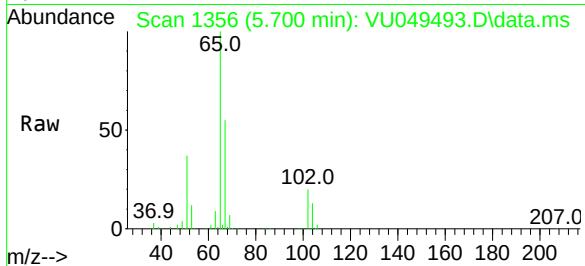




#33
 1,2-Dichloroethane-d4
 Concen: 44.247 ug/l
 RT: 5.700 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU049493.D
 Acq: 29 Jun 2022 05:19

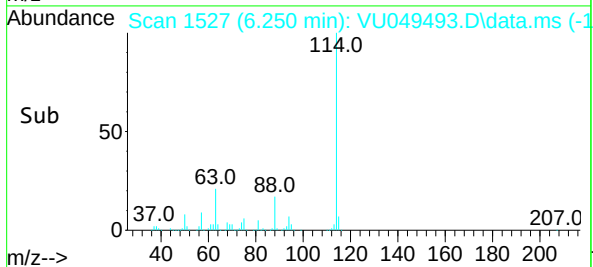
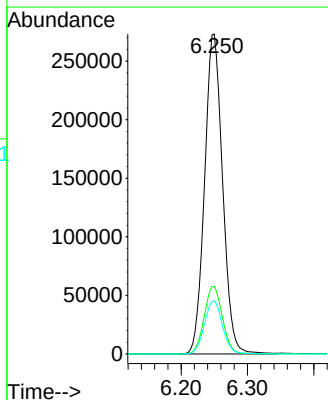
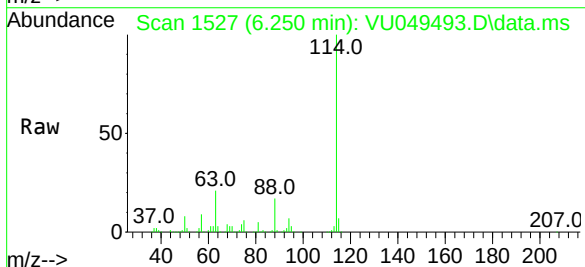
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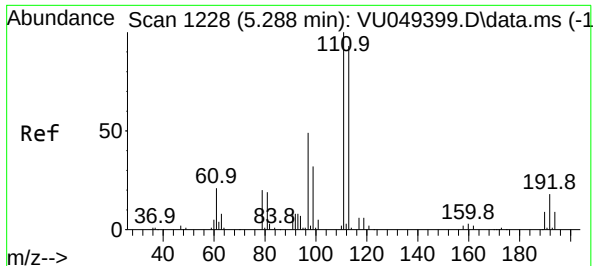
Tgt Ion: 65 Resp: 199494
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.250 min Scan# 1527
 Delta R.T. 0.003 min
 Lab File: VU049493.D
 Acq: 29 Jun 2022 05:19

Tgt Ion: 114 Resp: 515208
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.8
 88 16.6 0.0 29.2

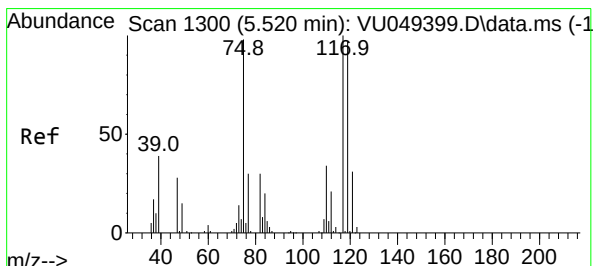
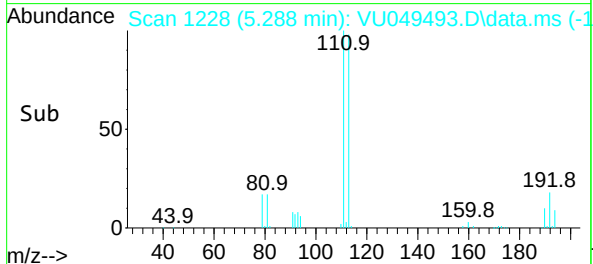
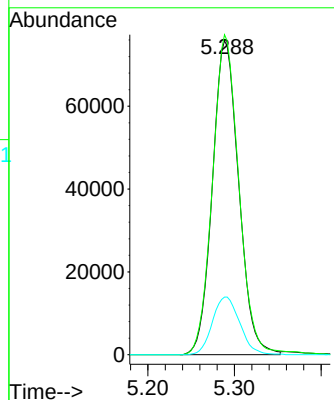
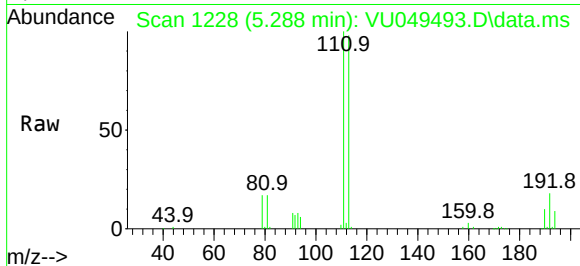




#35
Dibromofluoromethane
Concen: 44.460 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

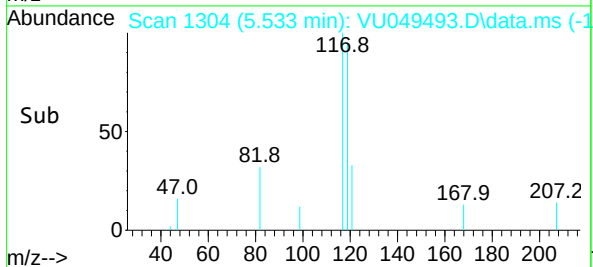
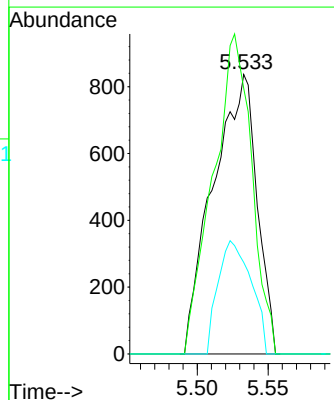
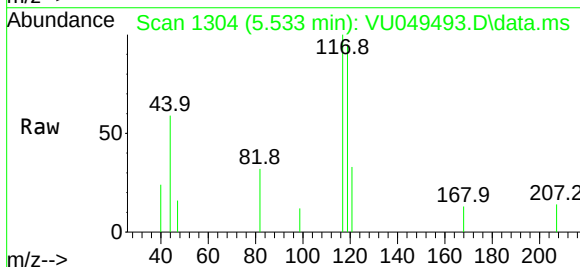
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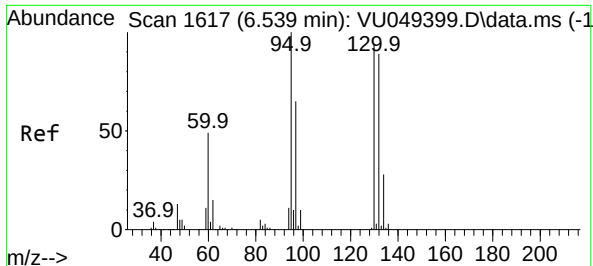
Tgt Ion:113 Resp: 160258
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 19.1 18.0 27.0



#38
Carbon Tetrachloride
Concen: 0.329 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.013 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion:117 Resp: 1802
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 32.7 24.7 37.1

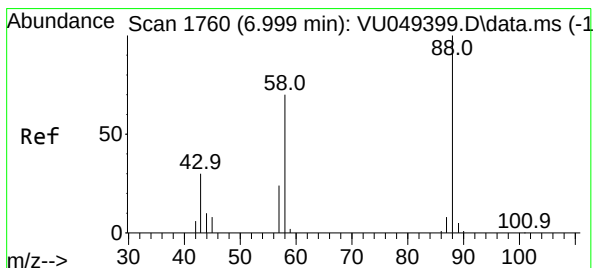
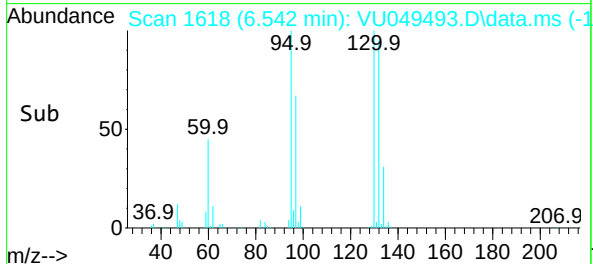
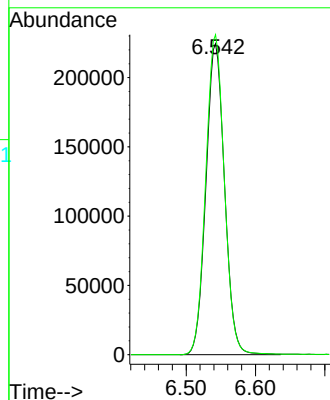
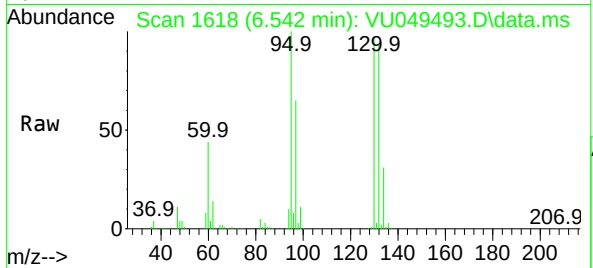




#44
Trichloroethene
Concen: 111.593 ug/l
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

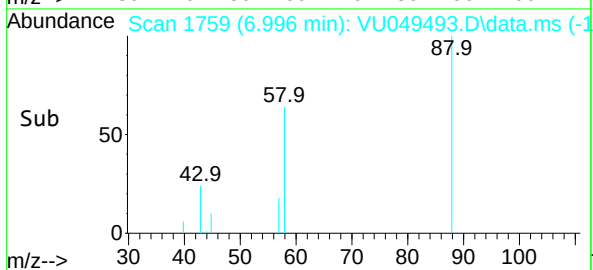
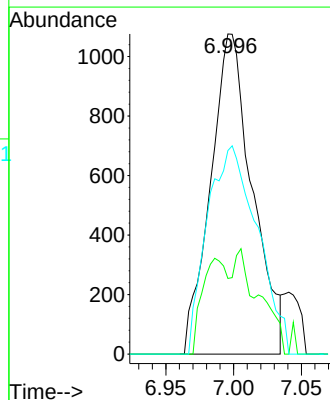
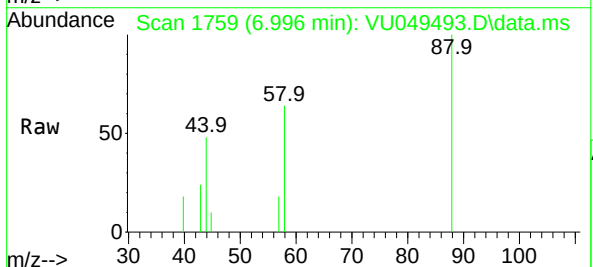
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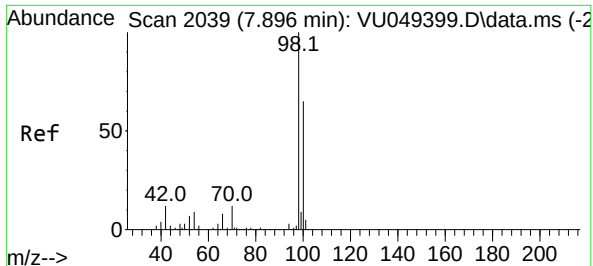
Tgt Ion:130 Resp: 418604
Ion Ratio Lower Upper
130 100
95 102.9 0.0 184.6



#49
1,4-Dioxane
Concen: 18.361 ug/l
RT: 6.996 min Scan# 1759
Delta R.T. -0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion: 88 Resp: 2307
Ion Ratio Lower Upper
88 100
43 19.1 0.0 0.0#
58 77.8 15.4 23.0#

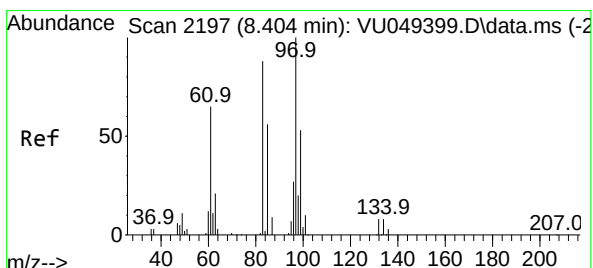
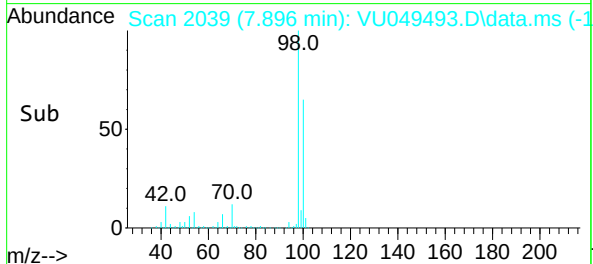
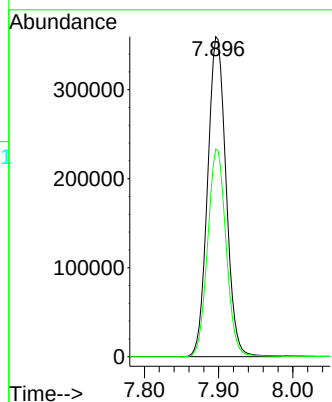
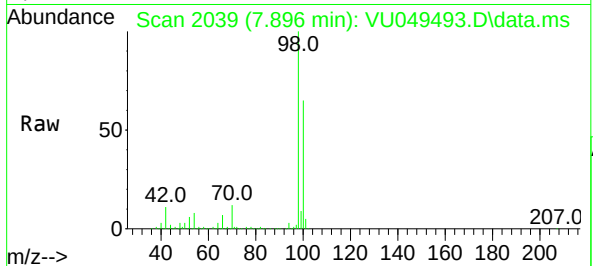




#50
Toluene-d8
Concen: 48.134 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

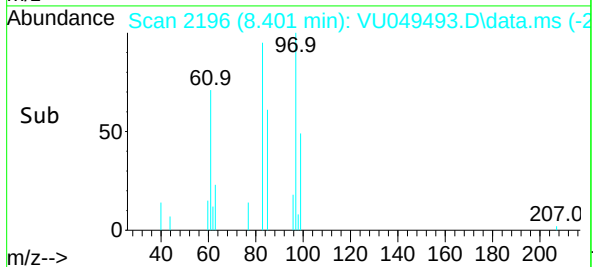
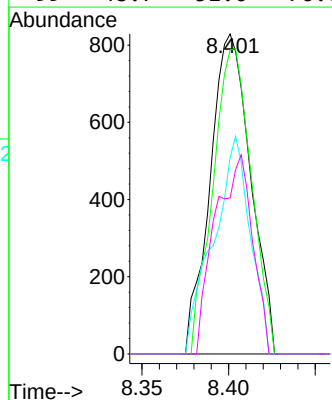
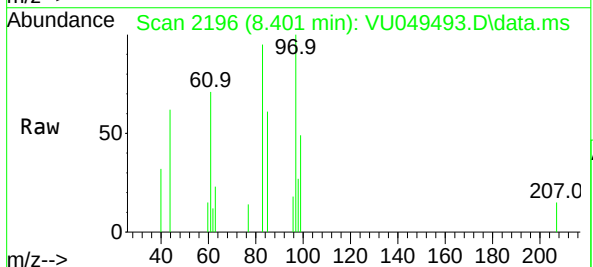
Instrument :
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RE132D5-20220620

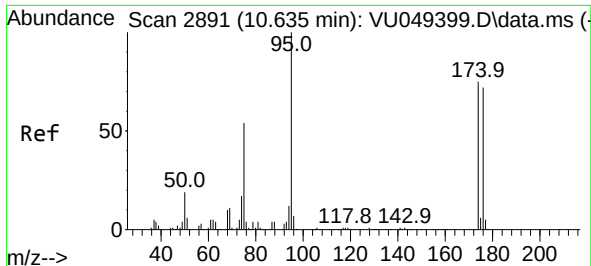
Tgt Ion: 98 Resp: 618831
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.348 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion: 97 Resp: 1348
Ion Ratio Lower Upper
97 100
83 95.1 70.2 105.4
85 61.4 44.6 66.8
99 48.7 51.0 76.6#

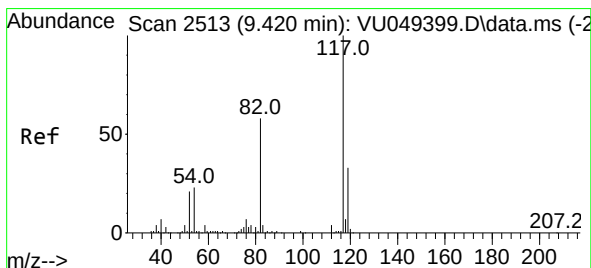
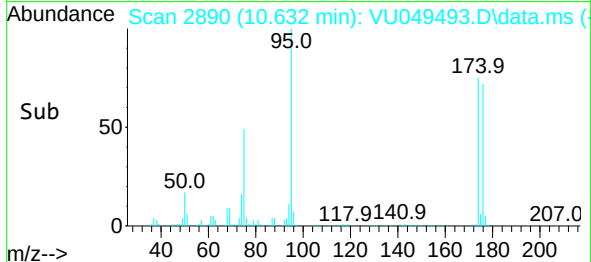
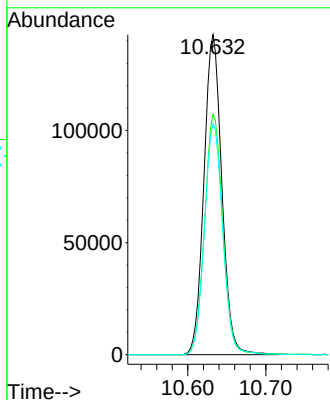
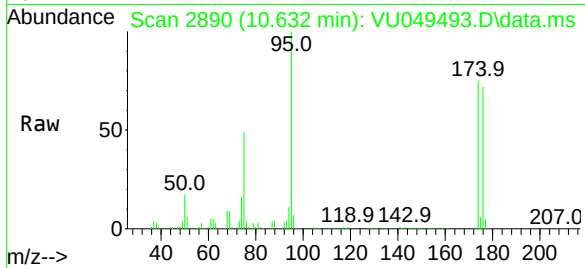




#62
4-Bromofluorobenzene
Concen: 46.268 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

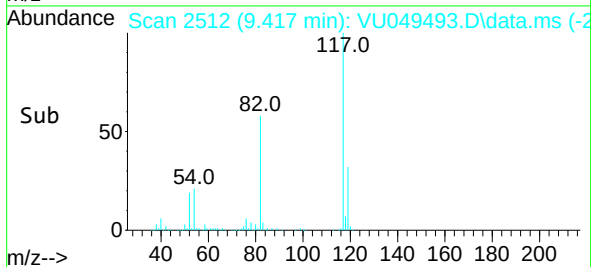
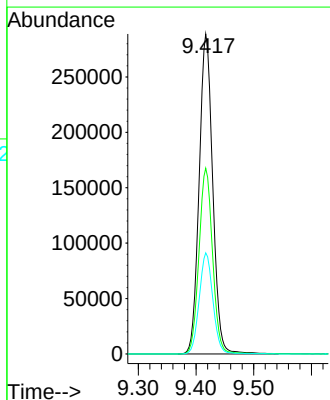
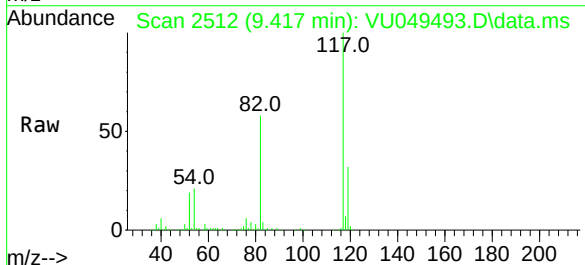
Instrument :
MSVOA_U
ClientSampleId :
RE132D5-20220620

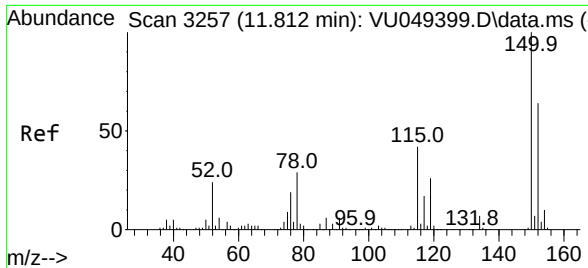
Tgt Ion: 95 Resp: 227864
Ion Ratio Lower Upper
95 100
174 76.5 0.0 182.0
176 73.8 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049493.D
Acq: 29 Jun 2022 05:19

Tgt Ion: 117 Resp: 472450
Ion Ratio Lower Upper
117 100
82 58.0 41.7 62.5
119 31.6 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: VU049493.D

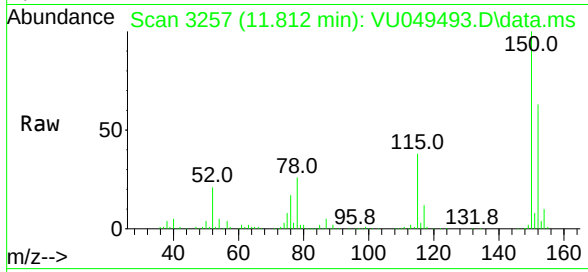
Acq: 29 Jun 2022 05:19

Instrument :

MSVOA_U

ClientSampleId :

RE132D5-20220620



Tgt Ion:152 Resp: 221938

Ion Ratio Lower Upper

152 100

115 61.4 37.0 110.9

150 158.2 0.0 342.2

