

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049525.D
 Acq On : 29 Jun 2022 19:53
 Operator : SY/MD
 Sample : N3457-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP03-20220621

Quant Time: Jun 30 00:50:15 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)

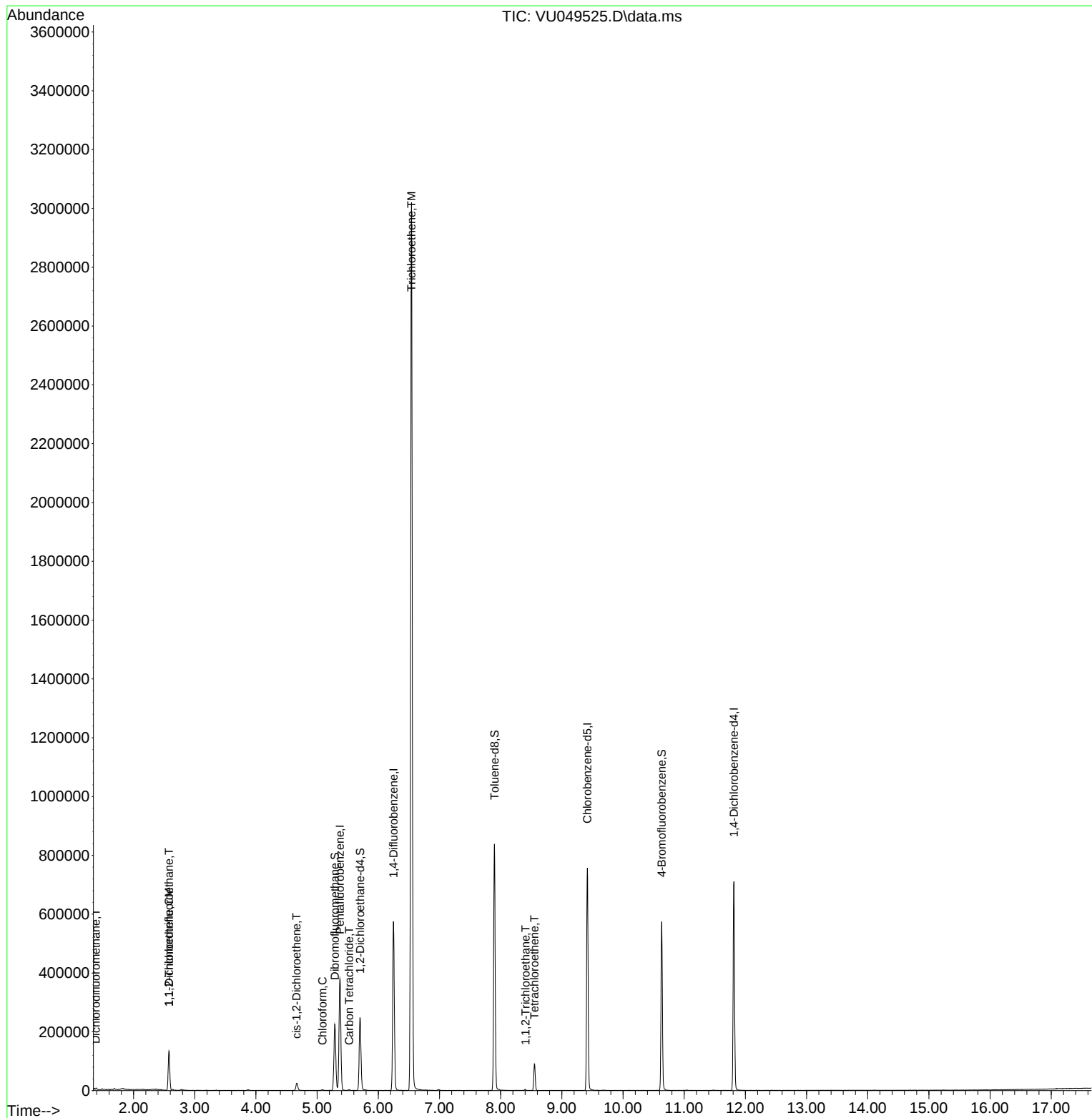
Internal Standards						
1) Pentafluorobenzene	5.372	168	262347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	462855	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	418921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	188221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184253	45.604	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.289	113	146474	45.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	7.899	98	554675	48.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.040%
62) 4-Bromofluorobenzene	10.632	95	198294	44.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	1257	0.298	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	41661	14.315	ug/l	96
12) 1,1-Dichloroethene	2.578	96	10320	3.622	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	13368	3.767	ug/l	100
30) Chloroform	5.089	83	2107	0.337	ug/l	100
38) Carbon Tetrachloride	5.526	117	1718	0.349	ug/l	# 93
44) Trichloroethene	6.543	130	1001247	297.107	ug/l	87
55) 1,1,2-Trichloroethane	8.407	97	1063	0.305	ug/l	# 79
64) Tetrachloroethene	8.552	164	20979	7.808	ug/l	97

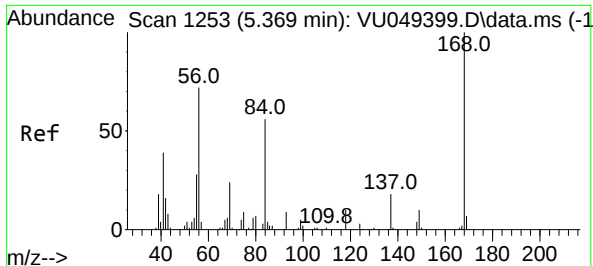
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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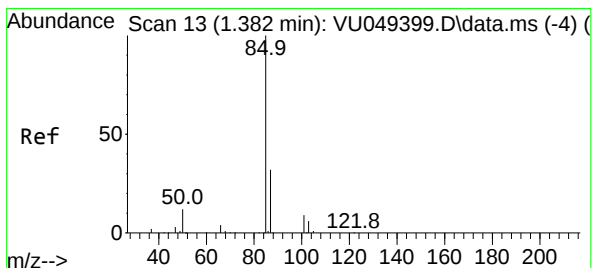
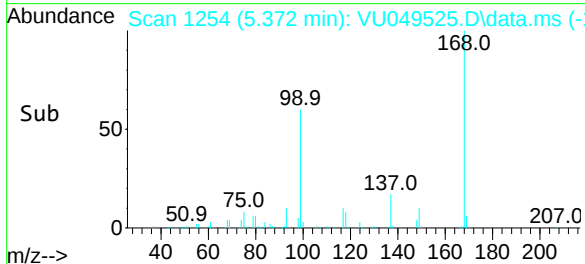
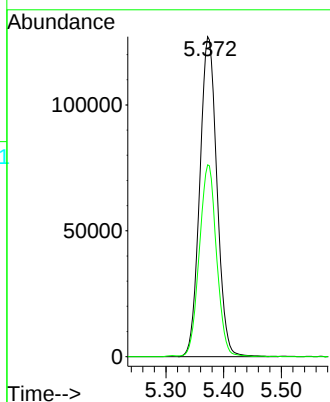
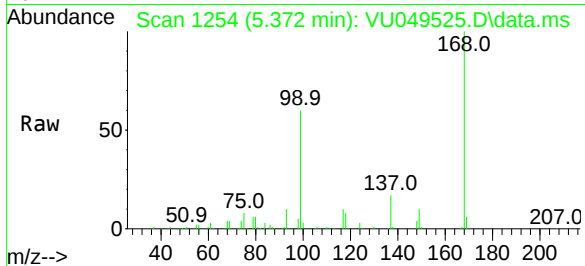




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

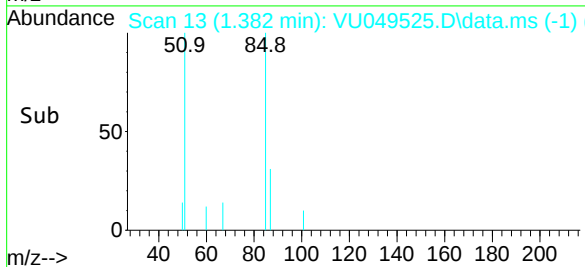
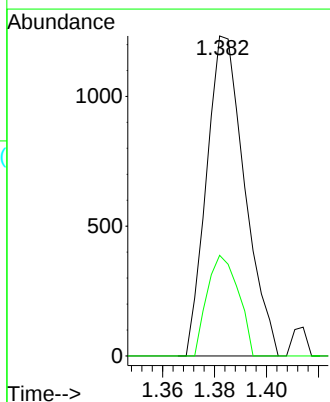
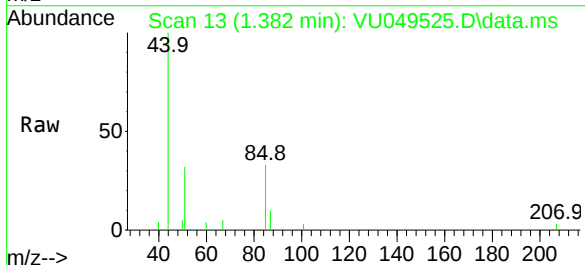
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621

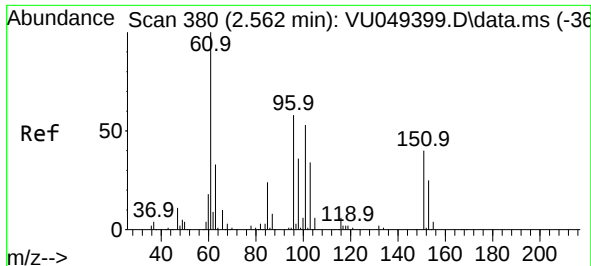
Tgt Ion:168 Resp: 262347
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.298 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

Tgt Ion: 85 Resp: 1257
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2

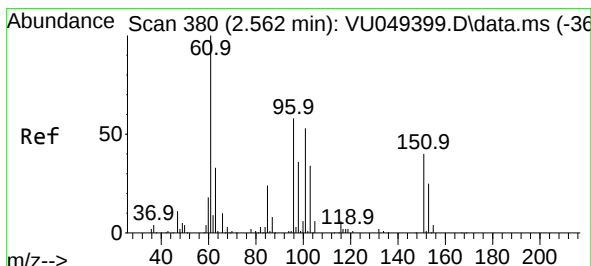
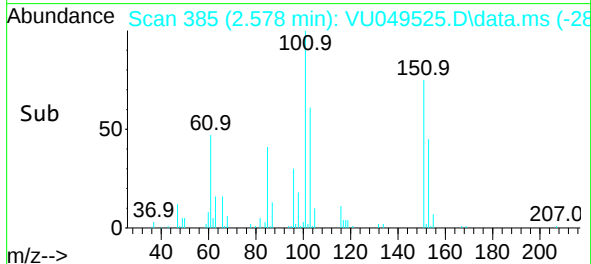
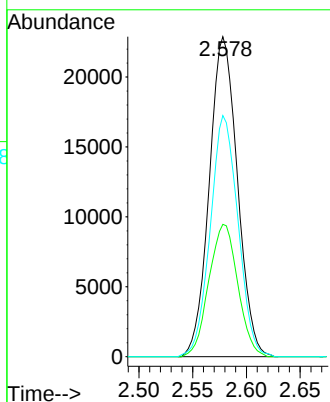
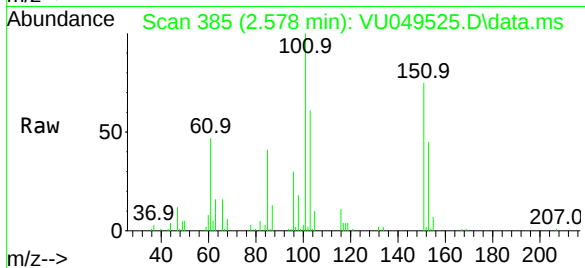




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.315 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

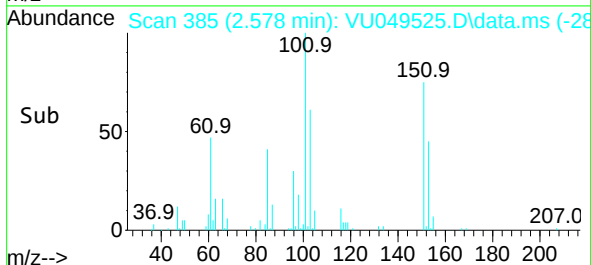
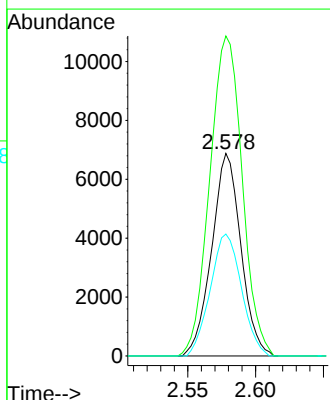
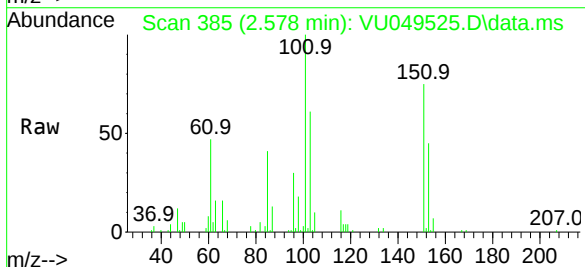
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621

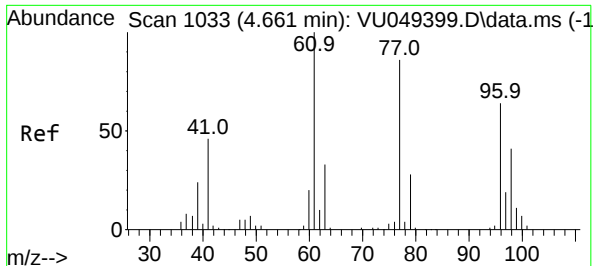
Tgt Ion:101 Resp: 41661
Ion Ratio Lower Upper
101 100
85 42.5 33.9 50.9
151 74.3 64.0 96.0



#12
1,1-Dichloroethene
Concen: 3.622 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

Tgt Ion: 96 Resp: 10320
Ion Ratio Lower Upper
96 100
61 158.0 122.2 183.2
98 60.2 50.7 76.1

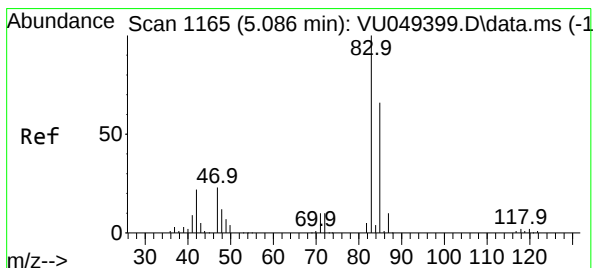
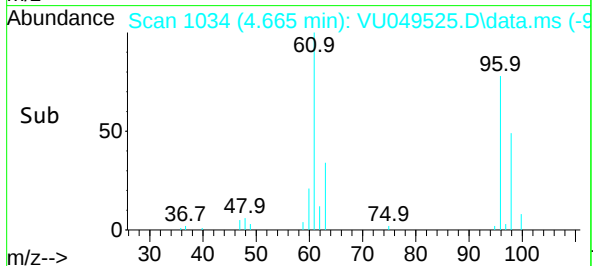
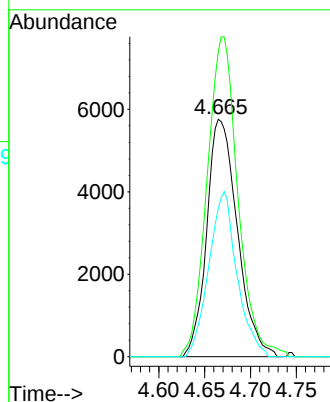
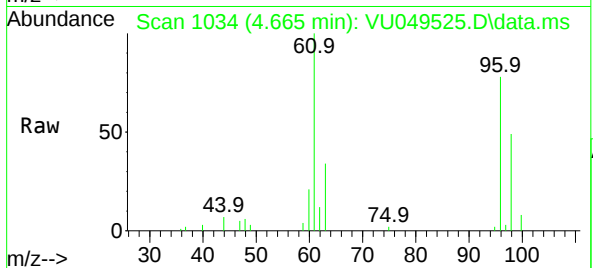




#27
cis-1,2-Dichloroethene
Concen: 3.767 ug/l
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

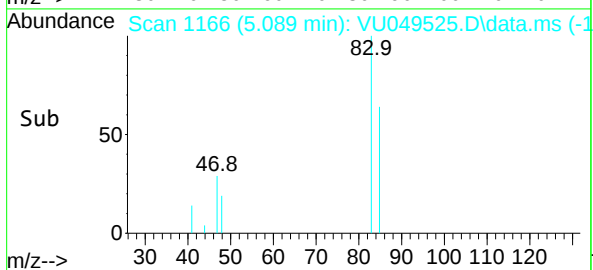
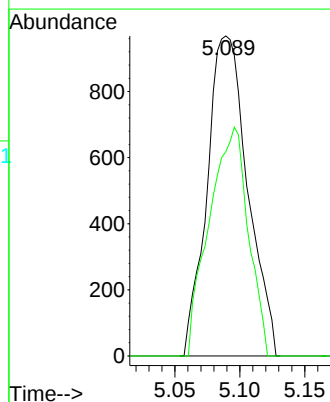
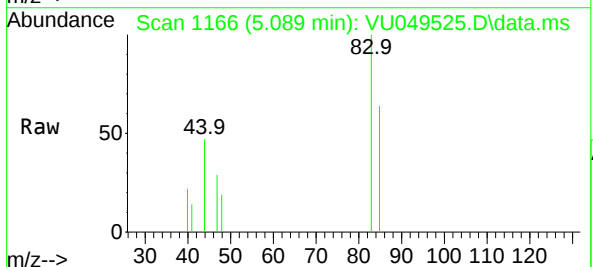
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621

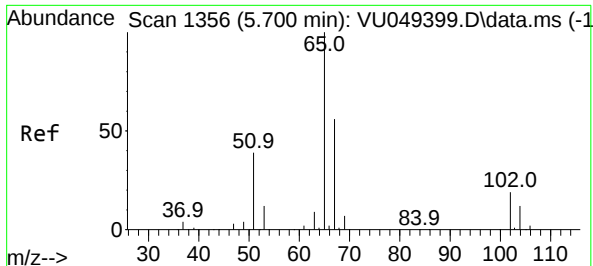
Tgt Ion: 96 Resp: 13368
Ion Ratio Lower Upper
96 100
61 135.5 0.0 271.6
98 63.9 0.0 128.2



#30
Chloroform
Concen: 0.337 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

Tgt Ion: 83 Resp: 2107
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 45.604 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049525.D

Acq: 29 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

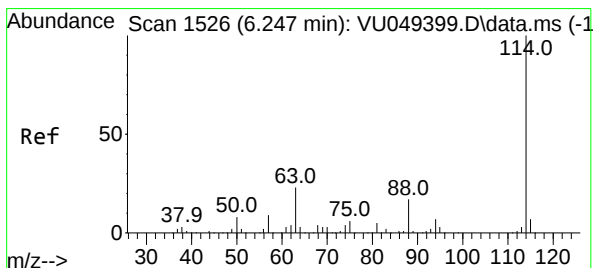
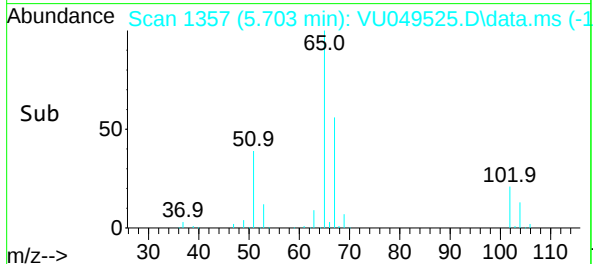
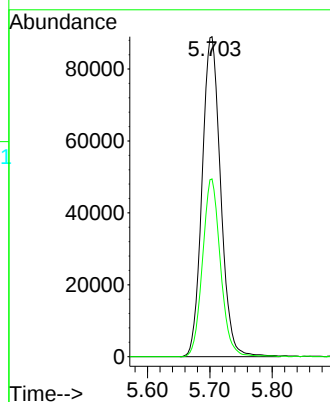
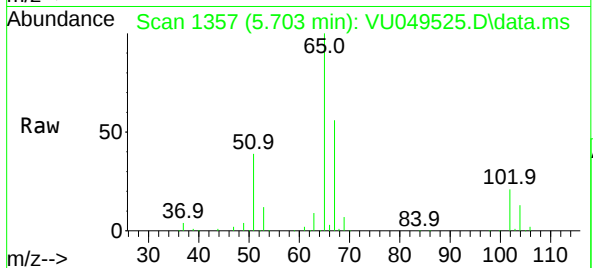
DUP03-20220621

Tgt Ion: 65 Resp: 184253

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# 1527

Delta R.T. 0.003 min

Lab File: VU049525.D

Acq: 29 Jun 2022 19:53

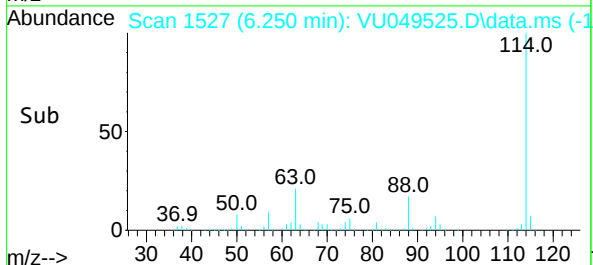
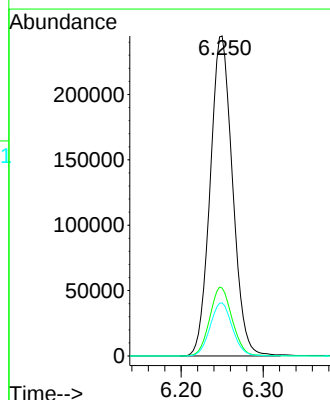
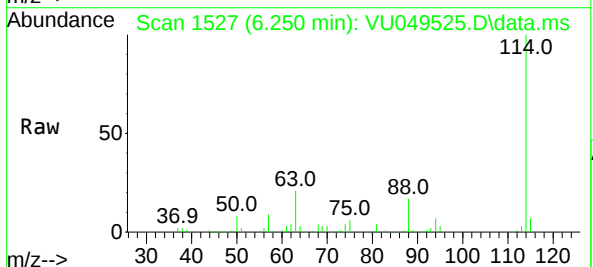
Tgt Ion: 114 Resp: 462855

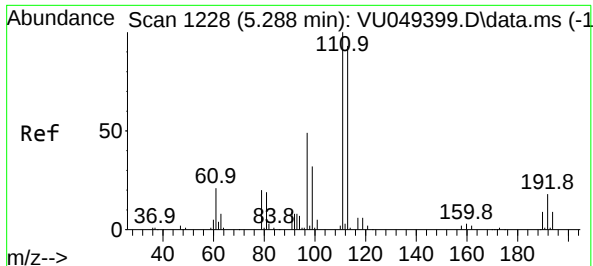
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.232 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049525.D

Acq: 29 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

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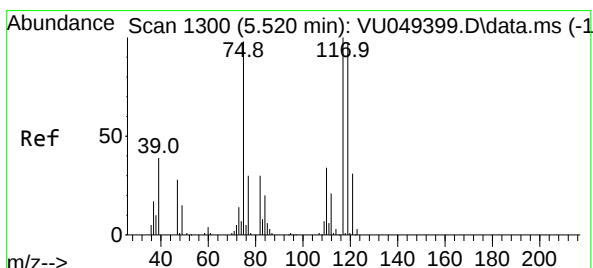
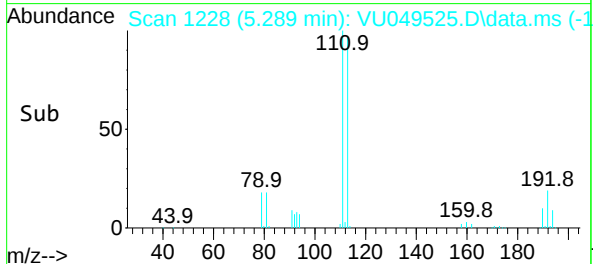
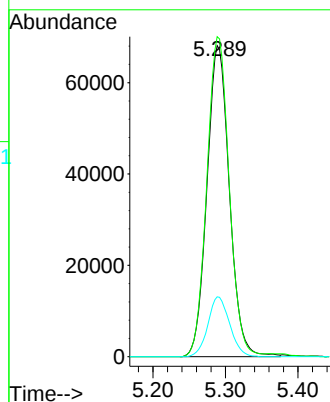
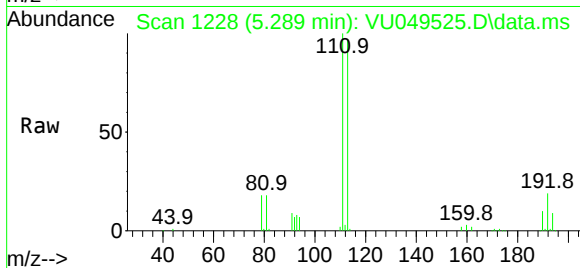
Tgt Ion:113 Resp: 146474

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 18.7 18.0 27.0



#38

Carbon Tetrachloride

Concen: 0.349 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.007 min

Lab File: VU049525.D

Acq: 29 Jun 2022 19:53

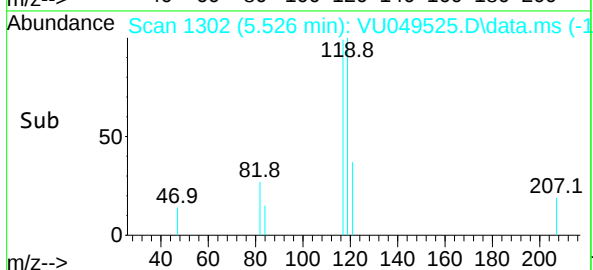
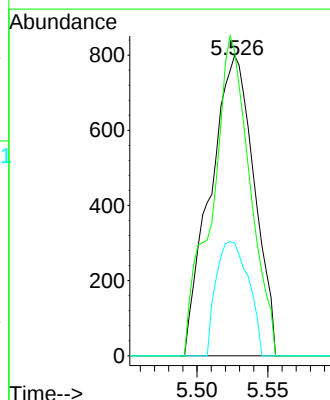
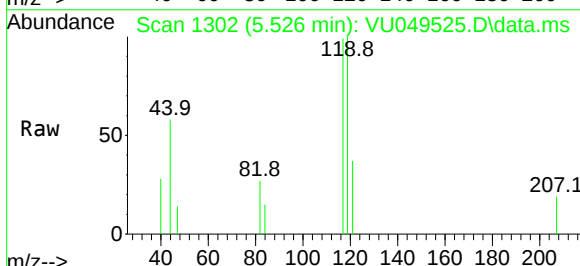
Tgt Ion:117 Resp: 1718

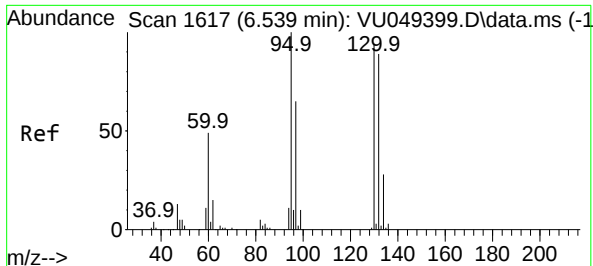
Ion Ratio Lower Upper

117 100

119 101.5 76.8 115.2

121 37.5 24.7 37.1#

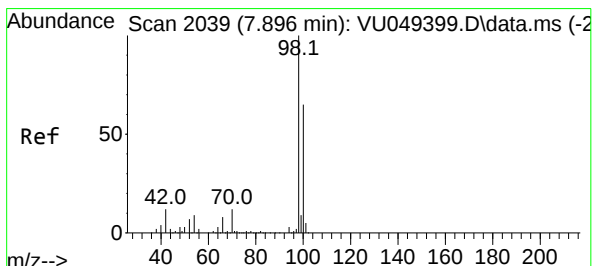
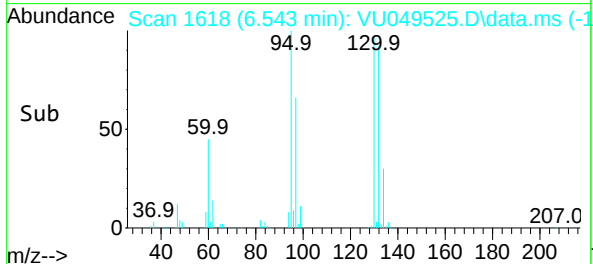
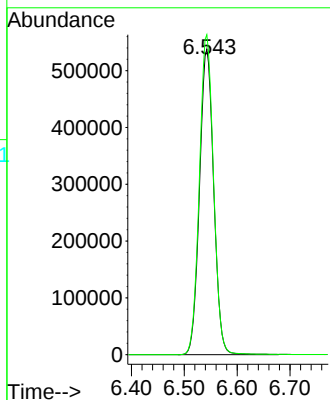
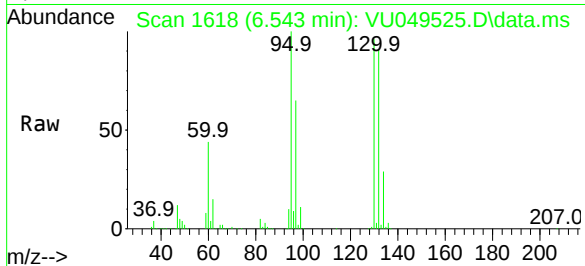




#44
Trichloroethene
Concen: 297.107 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

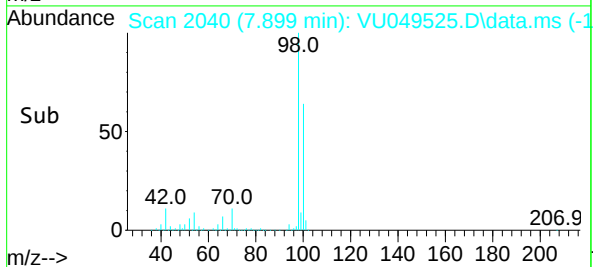
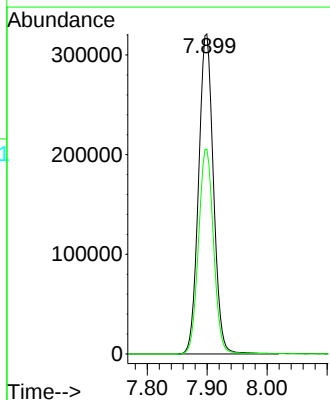
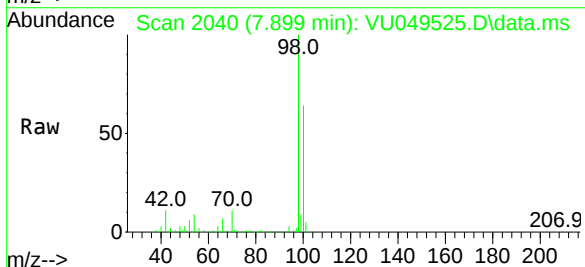
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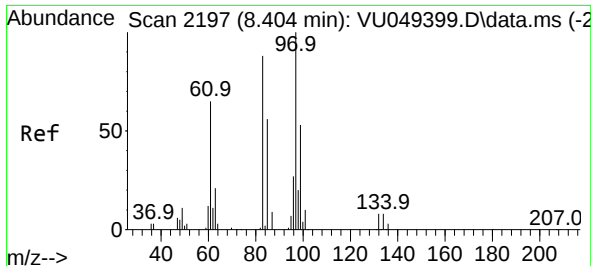
Tgt Ion:130 Resp: 1001247
Ion Ratio Lower Upper
130 100
95 104.7 0.0 184.6



#50
Toluene-d8
Concen: 48.024 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

Tgt Ion: 98 Resp: 554675
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

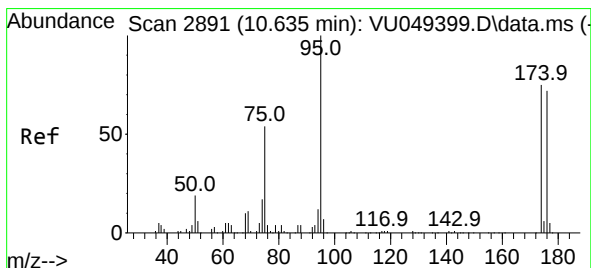
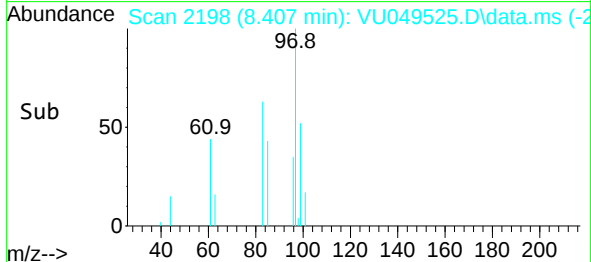
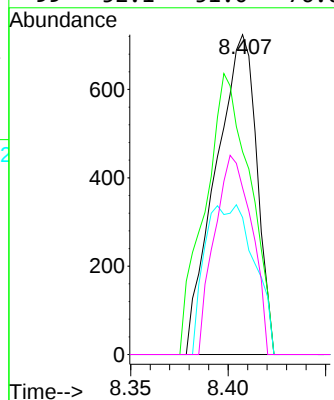
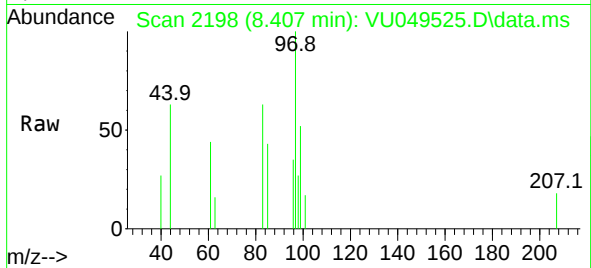




#55
1,1,2-Trichloroethane
Concen: 0.305 ug/l
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

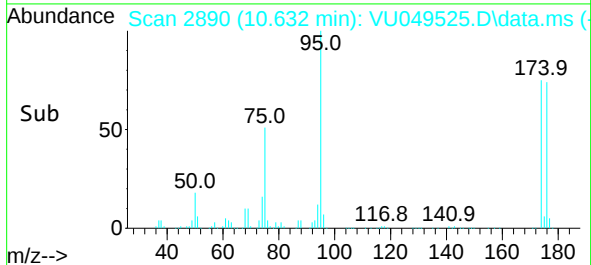
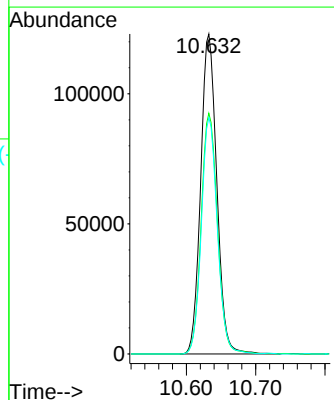
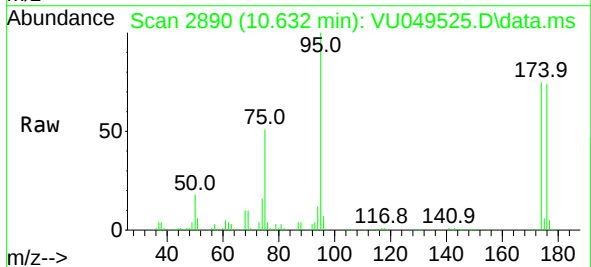
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621

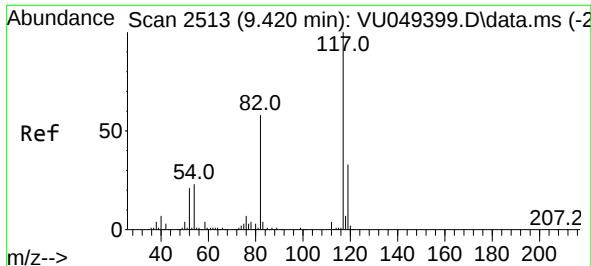
Tgt Ion: 97	Resp: 1063
Ion Ratio	Lower Upper
97 100	
83 63.4	70.2 105.4#
85 42.8	44.6 66.8#
99 52.1	51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.818 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

Tgt Ion: 95	Resp: 198294
Ion Ratio	Lower Upper
95 100	
174 76.1	0.0 182.0
176 73.4	0.0 177.8

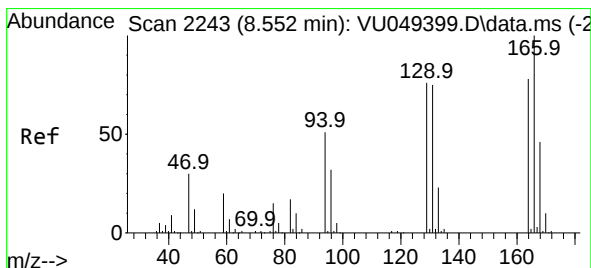
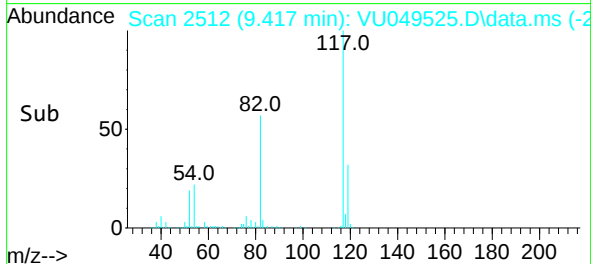
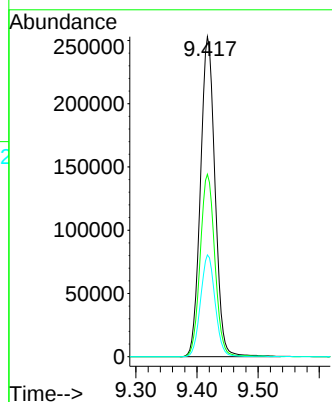
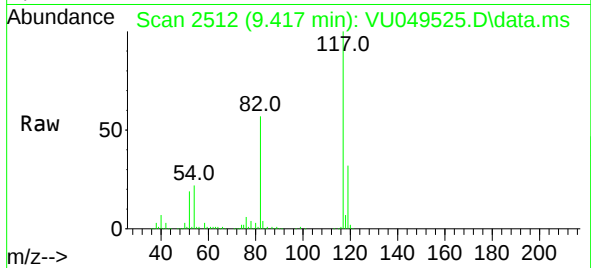




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

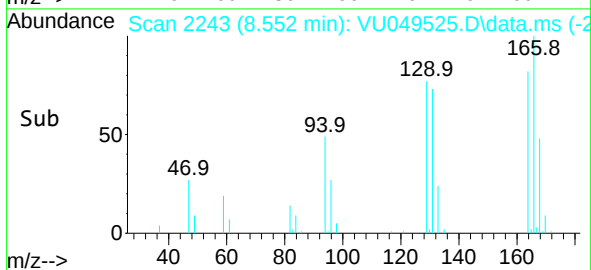
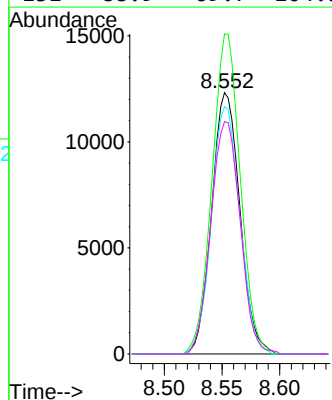
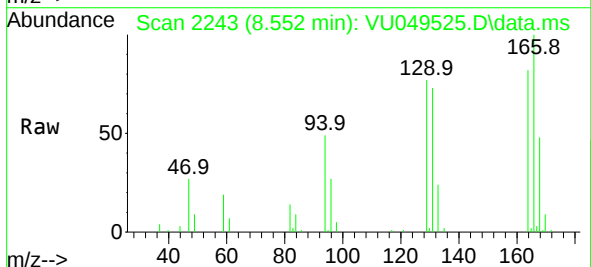
Instrument :
MSVOA_U
ClientSampleId :
DUP03-20220621

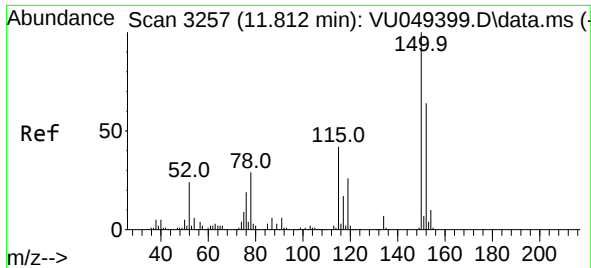
Tgt Ion:117 Resp: 418921
Ion Ratio Lower Upper
117 100
82 57.0 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 7.808 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049525.D
Acq: 29 Jun 2022 19:53

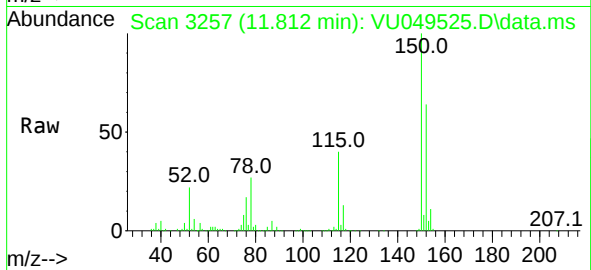
Tgt Ion:164 Resp: 20979
Ion Ratio Lower Upper
164 100
166 122.5 100.0 150.0
129 94.7 72.0 108.0
131 88.9 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049525.D
 Acq: 29 Jun 2022 19:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP03-20220621



Tgt Ion:	152	Resp:	188221
Ion	Ratio	Lower	Upper
152	100		
115	61.2	37.0	110.9
150	156.7	0.0	342.2

