

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049494.D
 Acq On : 29 Jun 2022 05:42
 Operator : SY/MD
 Sample : N3457-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D1-20220621

Quant Time: Jun 29 08:03:11 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)

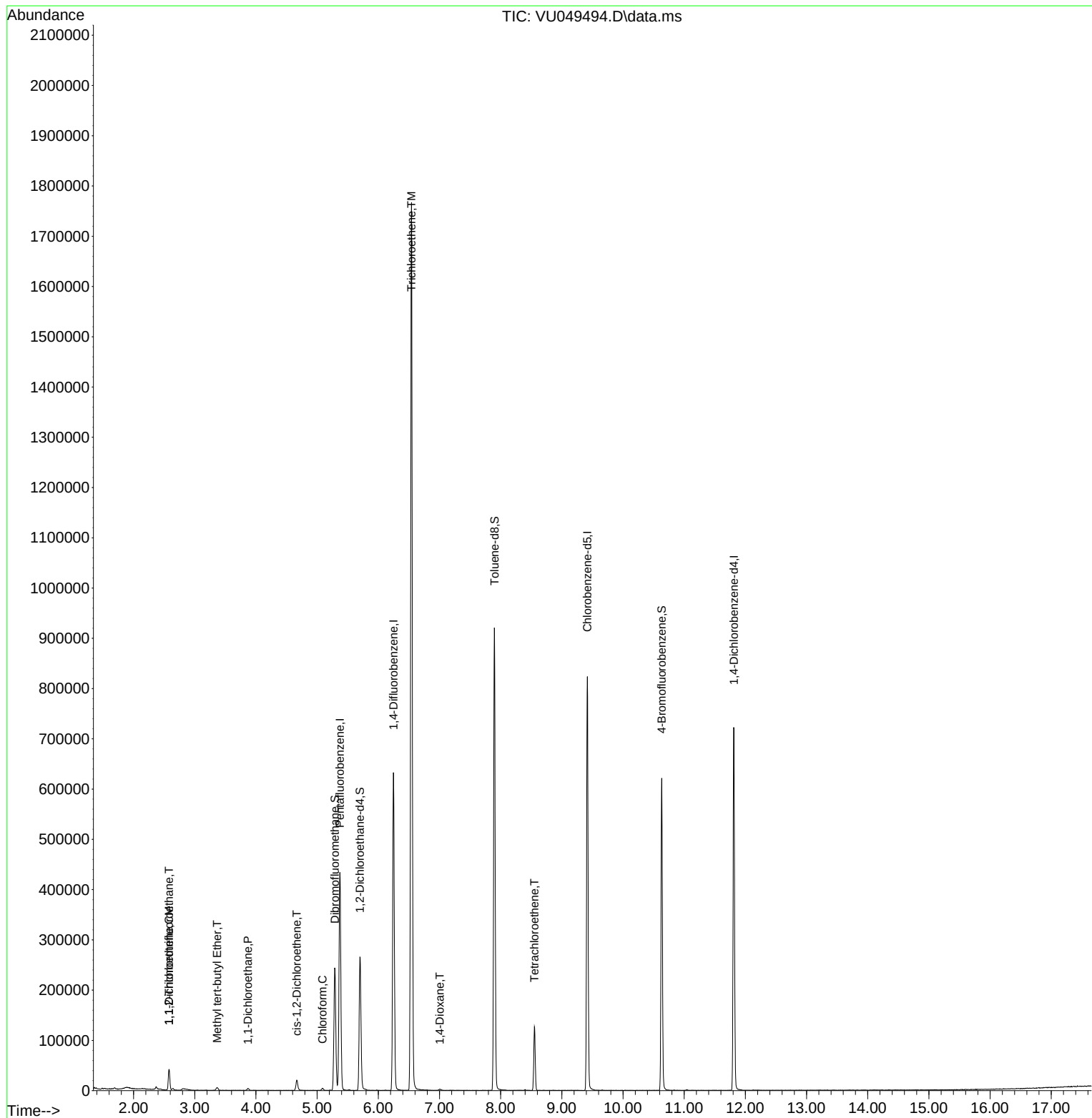
Internal Standards						
1) Pentafluorobenzene	5.372	168	298080	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	514107	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	452960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	193347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	199426	43.442	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.880%
35) Dibromofluoromethane	5.289	113	161623	44.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	7.899	98	614553	47.904	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.800%
62) 4-Bromofluorobenzene	10.632	95	214508	43.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	13247	4.006	ug/l	96
12) 1,1-Dichloroethene	2.578	96	2780	0.859	ug/l	92
19) Methyl tert-butyl Ether	3.366	73	6314	0.524	ug/l	100
24) 1,1-Dichloroethane	3.867	63	4517	0.629	ug/l	# 91
27) cis-1,2-Dichloroethene	4.668	96	10615	2.632	ug/l	99
30) Chloroform	5.089	83	3686	0.519	ug/l	# 76
44) Trichloroethene	6.543	130	591970	158.148	ug/l	87
49) 1,4-Dioxane	7.005	88	2562	20.435	ug/l	# 62
64) Tetrachloroethene	8.552	164	27682	9.528	ug/l	93

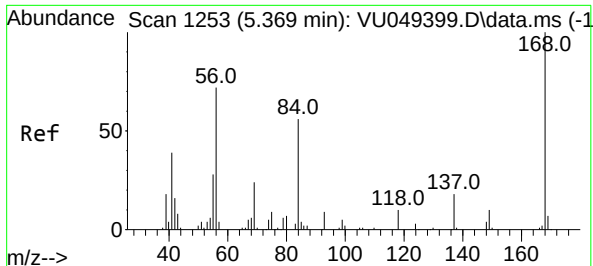
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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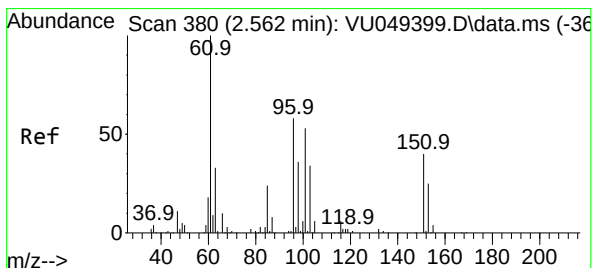
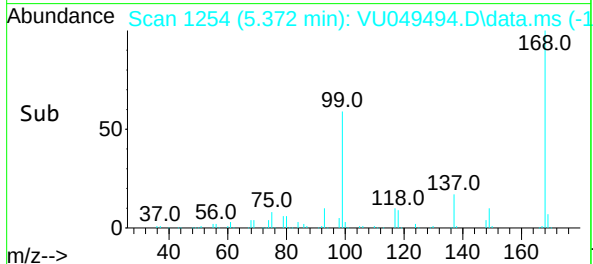
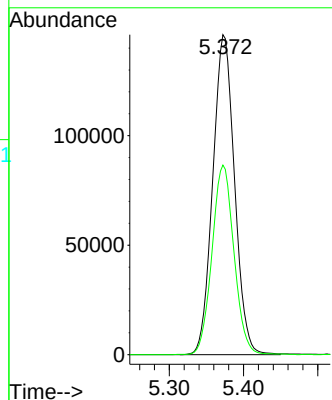
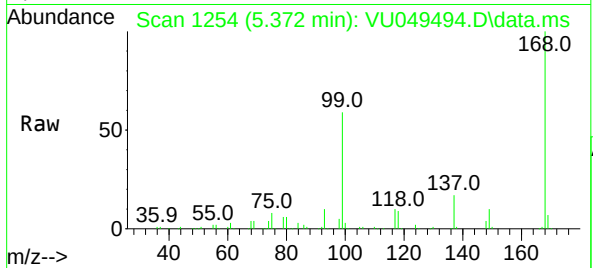




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

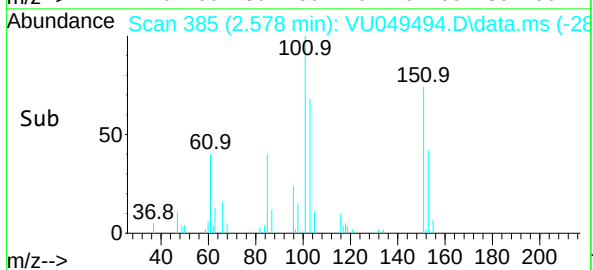
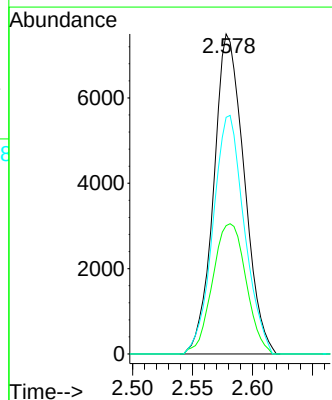
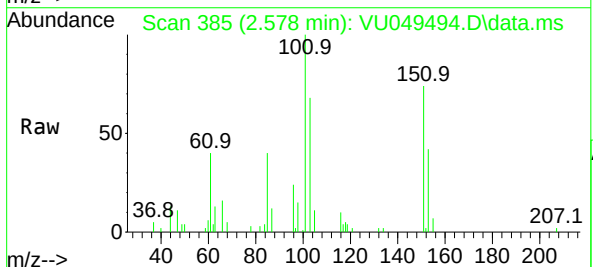
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20220621

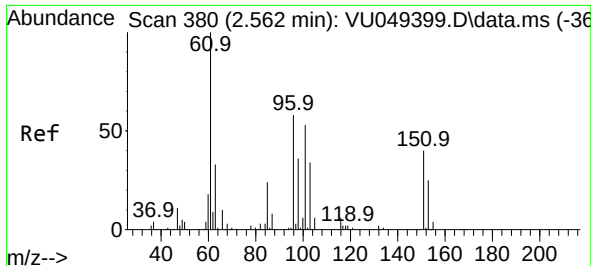
Tgt Ion:168 Resp: 298080
Ion Ratio Lower Upper
168 100
99 59.2 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.006 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

Tgt Ion:101 Resp: 13247
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 76.6 64.0 96.0





#12

1,1-Dichloroethene

Concen: 0.859 ug/l

RT: 2.578 min Scan# 31

Delta R.T. 0.016 min

Lab File: VU049494.D

Acq: 29 Jun 2022 05:42

Instrument :

MSVOA_U

ClientSampleId :

RE125D1-20220621

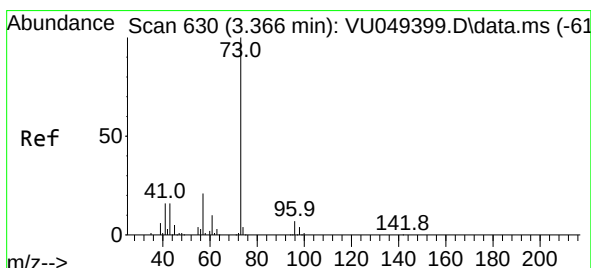
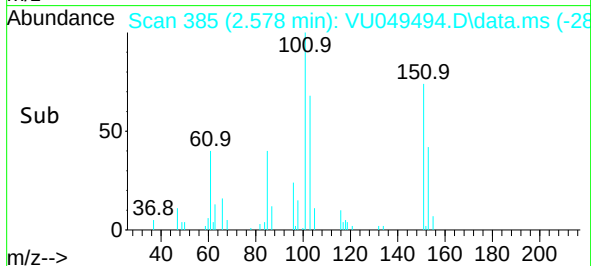
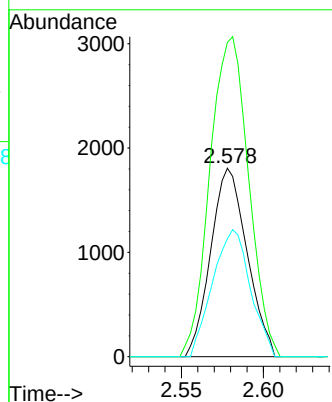
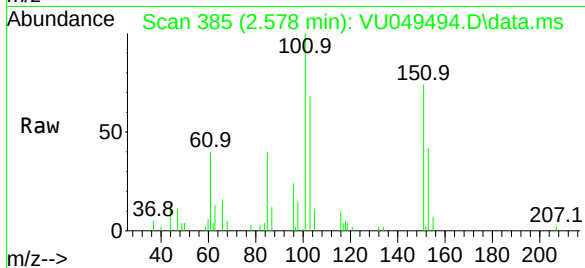
Tgt Ion: 96 Resp: 2780

Ion Ratio Lower Upper

96 100

61 166.7 122.2 183.2

98 62.5 50.7 76.1



#19

Methyl tert-butyl Ether

Concen: 0.524 ug/l

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU049494.D

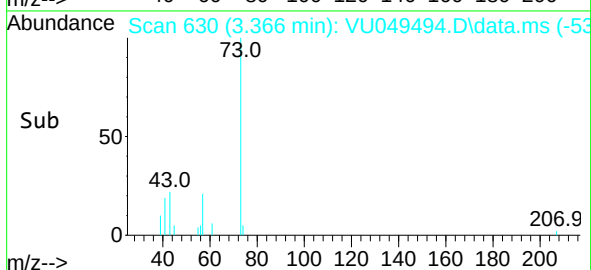
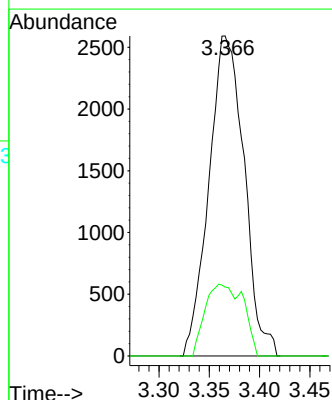
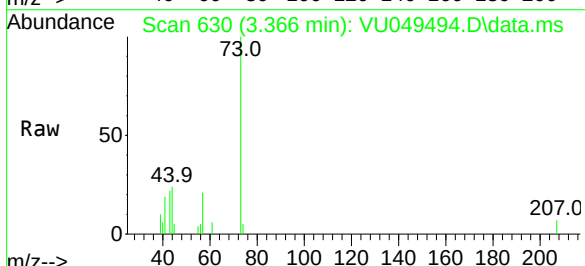
Acq: 29 Jun 2022 05:42

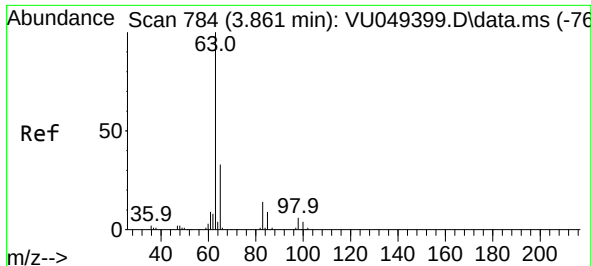
Tgt Ion: 73 Resp: 6314

Ion Ratio Lower Upper

73 100

57 21.5 17.1 25.7





#24

1,1-Dichloroethane

Concen: 0.629 ug/l

RT: 3.867 min Scan# 71

Delta R.T. 0.007 min

Lab File: VU049494.D

Acq: 29 Jun 2022 05:42

Instrument :

MSVOA_U

ClientSampleId :

RE125D1-20220621

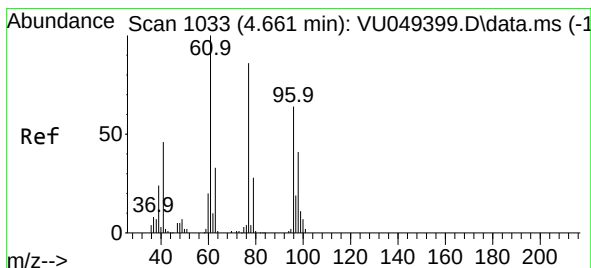
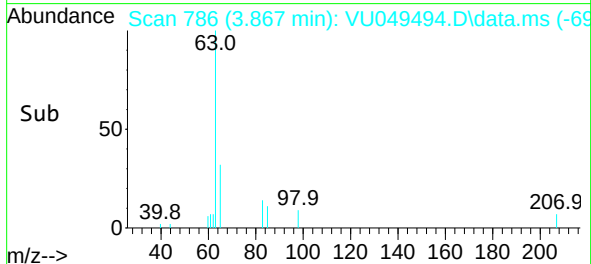
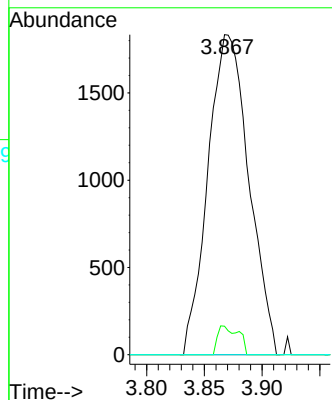
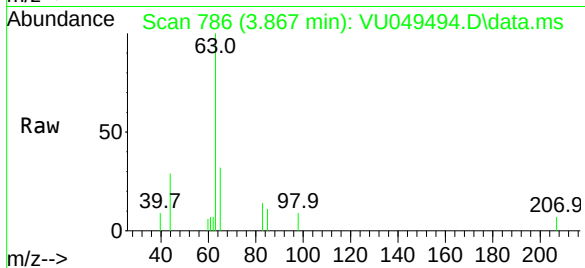
Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

98 8.9 3.6 10.9

100 0.0 2.4 7.2#



#27

cis-1,2-Dichloroethene

Concen: 2.632 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VU049494.D

Acq: 29 Jun 2022 05:42

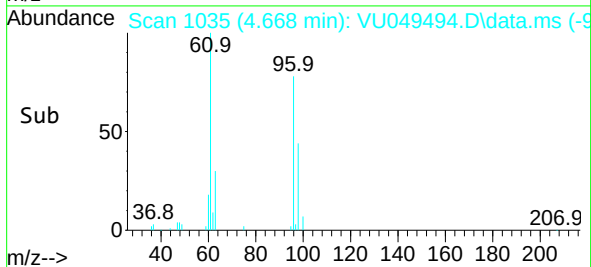
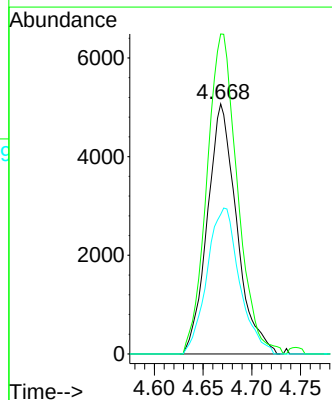
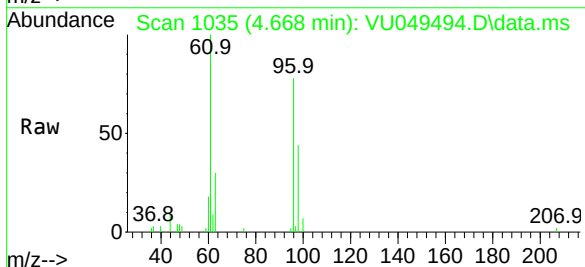
Tgt Ion: 96 Resp: 10615

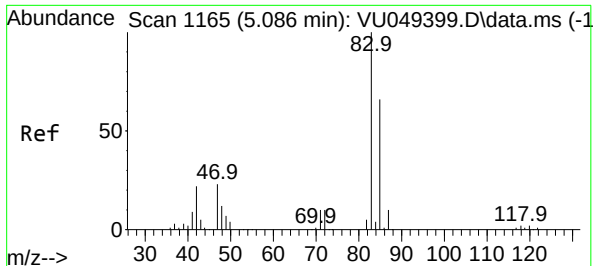
Ion Ratio Lower Upper

96 100

61 133.6 0.0 271.6

98 64.5 0.0 128.2

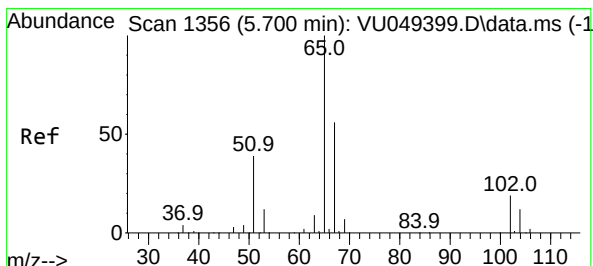
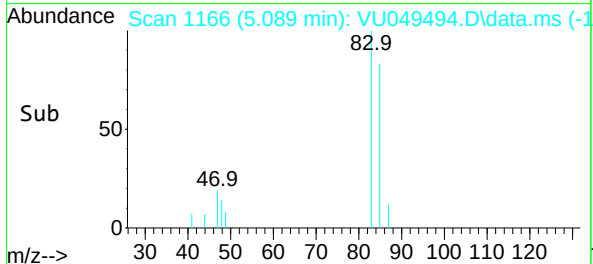
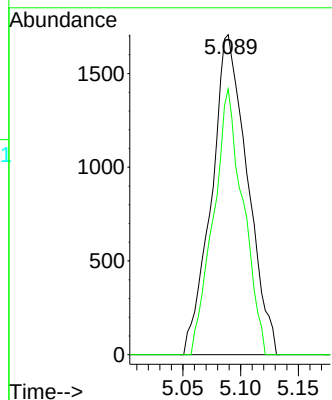
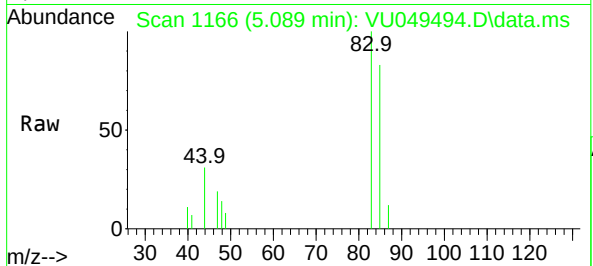




#30
Chloroform
Concen: 0.519 ug/l
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

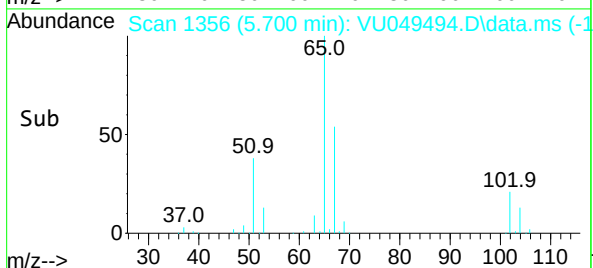
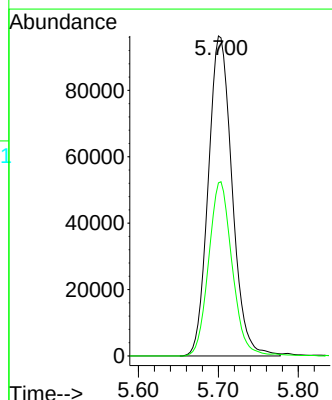
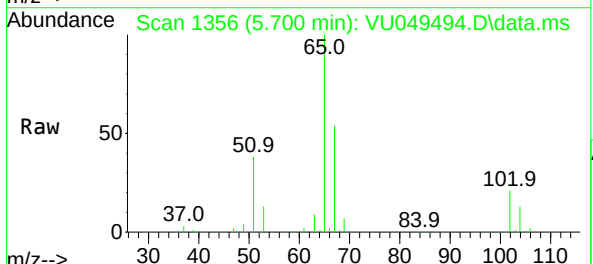
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20220621

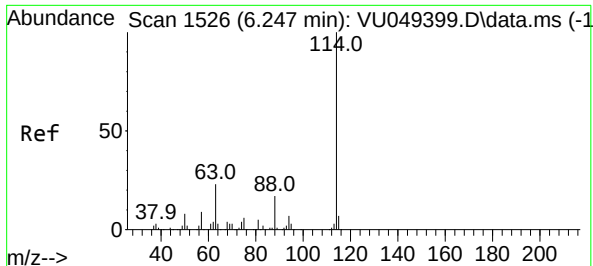
Tgt Ion: 83 Resp: 3686
Ion Ratio Lower Upper
83 100
85 83.0 51.2 76.8#



#33
1,2-Dichloroethane-d4
Concen: 43.442 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

Tgt Ion: 65 Resp: 199426
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049494.D

Acq: 29 Jun 2022 05:42

Instrument :

MSVOA_U

ClientSampleId :

RE125D1-20220621

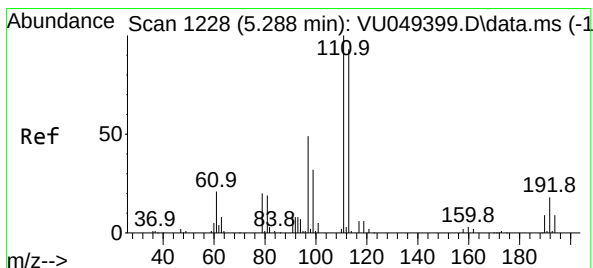
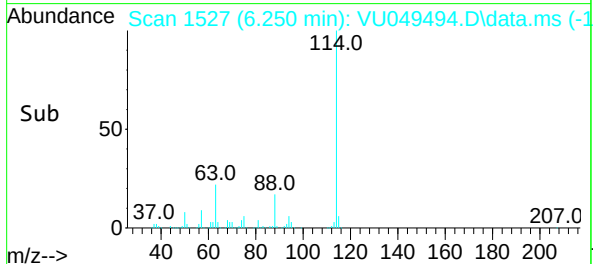
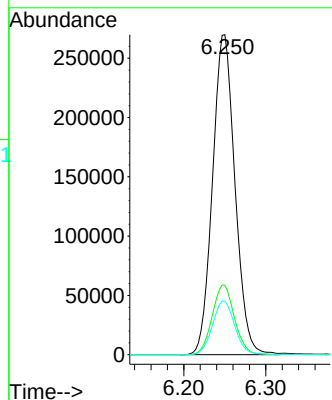
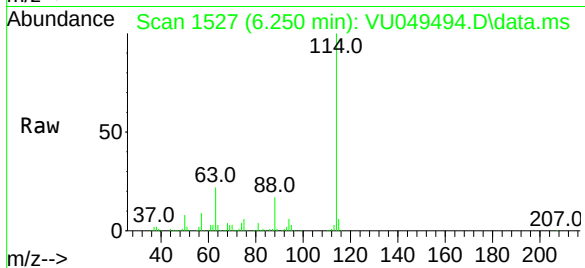
Tgt Ion:114 Resp: 514107

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.935 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049494.D

Acq: 29 Jun 2022 05:42

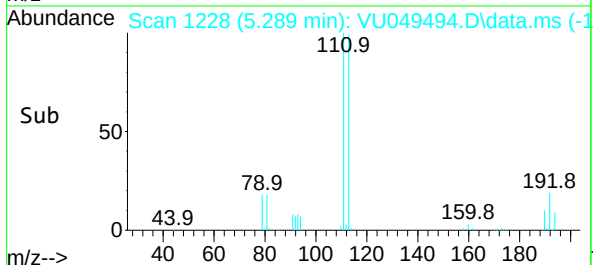
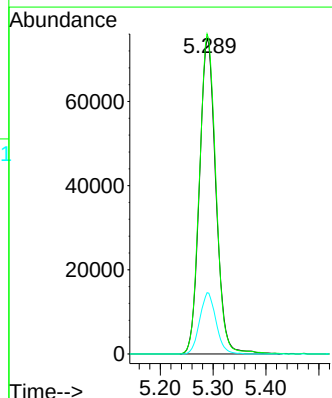
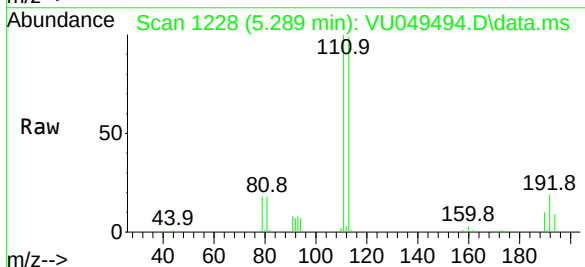
Tgt Ion:113 Resp: 161623

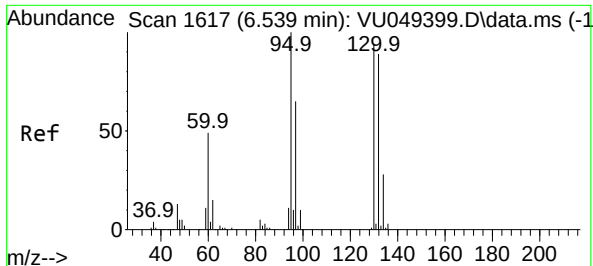
Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 19.2 18.0 27.0

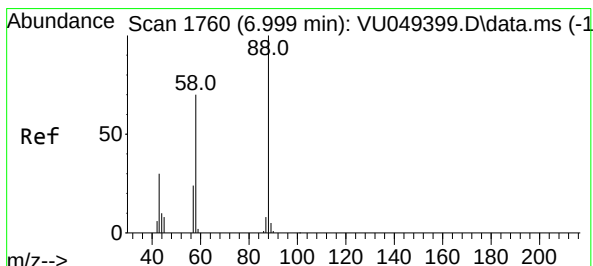
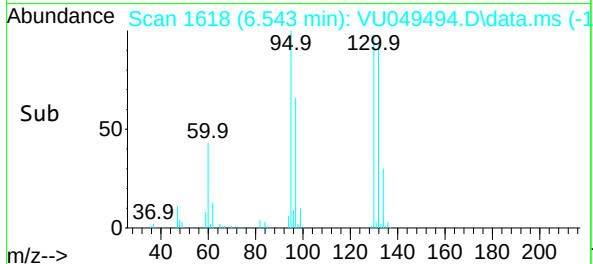
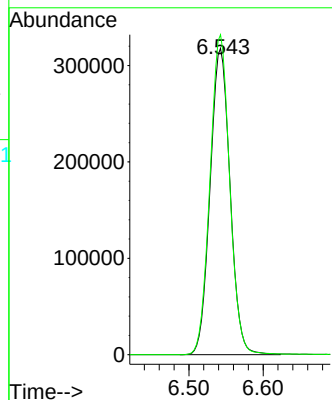
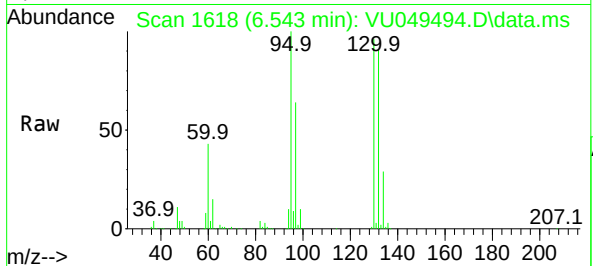




#44
Trichloroethene
Concen: 158.148 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

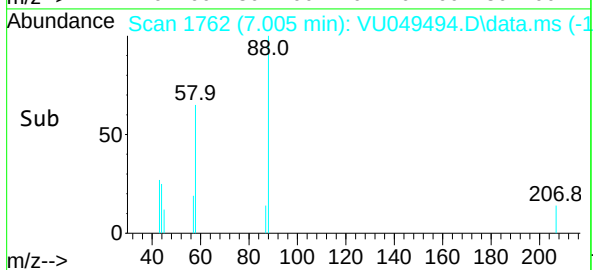
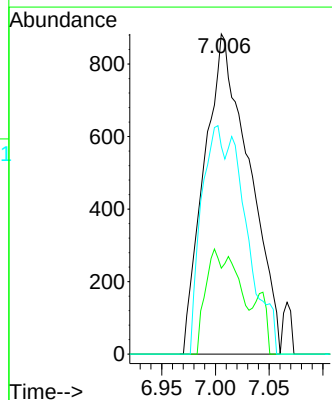
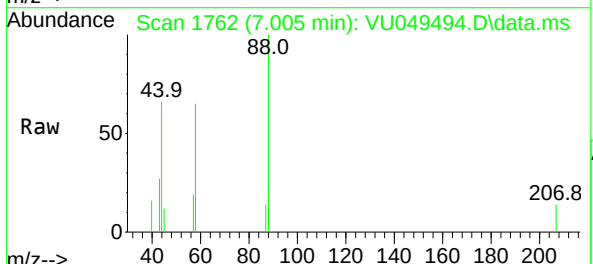
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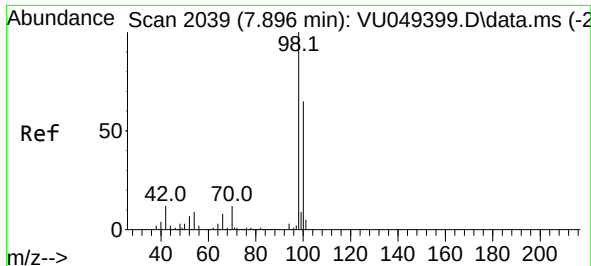
Tgt Ion:130 Resp: 591970
Ion Ratio Lower Upper
130 100
95 104.5 0.0 184.6



#49
1,4-Dioxane
Concen: 20.435 ug/l
RT: 7.005 min Scan# 1762
Delta R.T. 0.007 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

Tgt Ion: 88 Resp: 2562
Ion Ratio Lower Upper
88 100
43 11.6 0.0 0.0#
58 36.4 15.4 23.0#

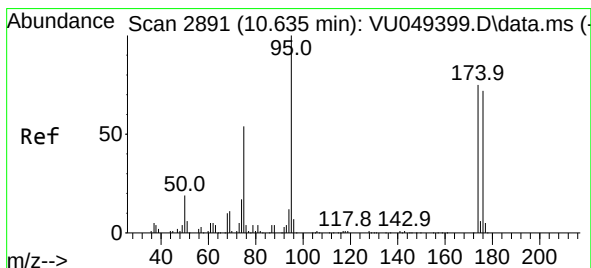
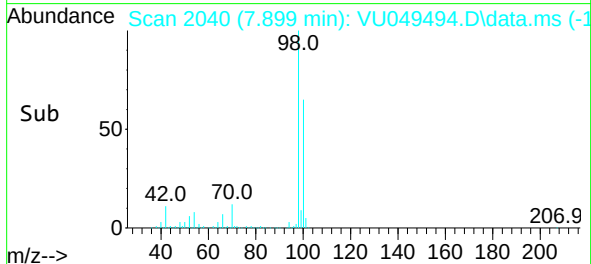
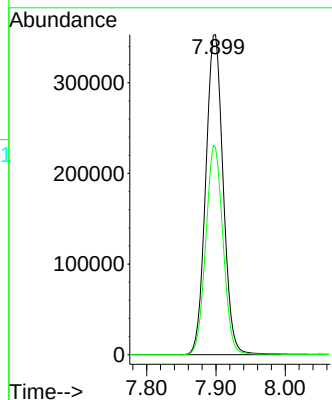
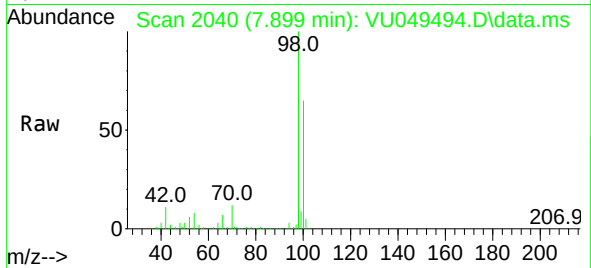




#50
Toluene-d8
Concen: 47.904 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

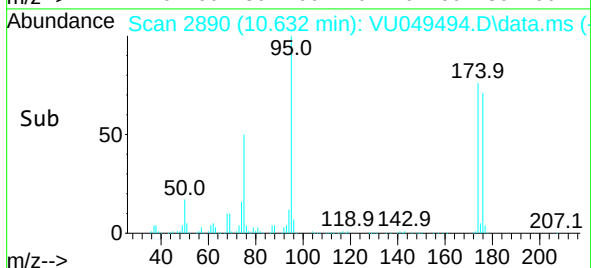
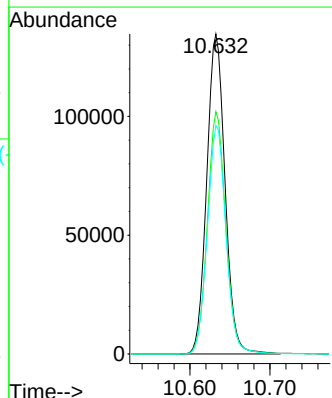
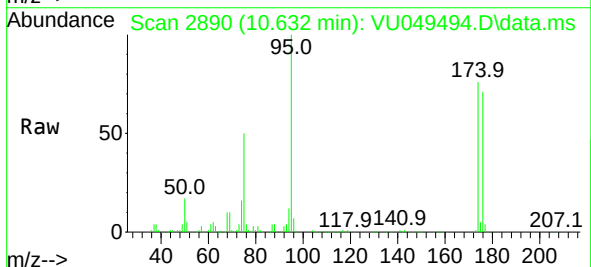
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20220621

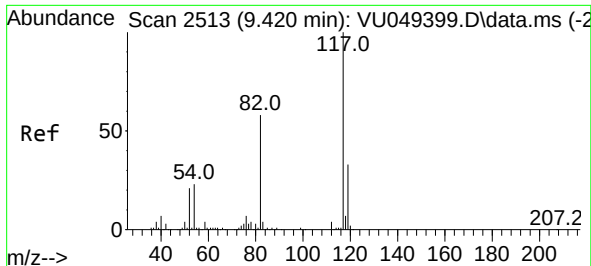
Tgt Ion: 98 Resp: 614553
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.649 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

Tgt Ion: 95 Resp: 214508
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 72.5 0.0 177.8

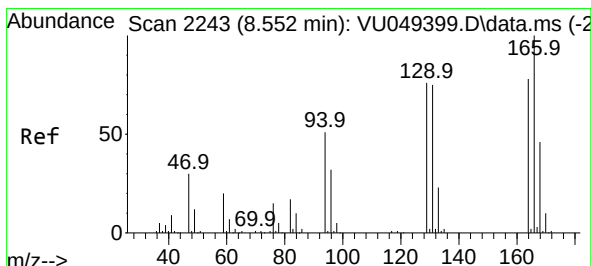
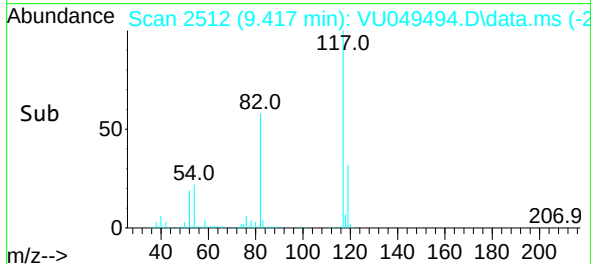
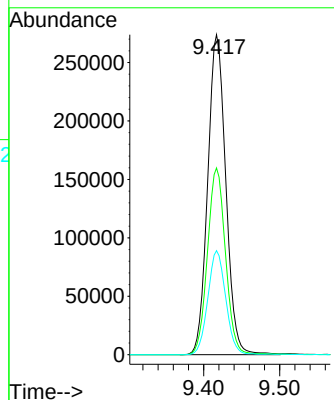
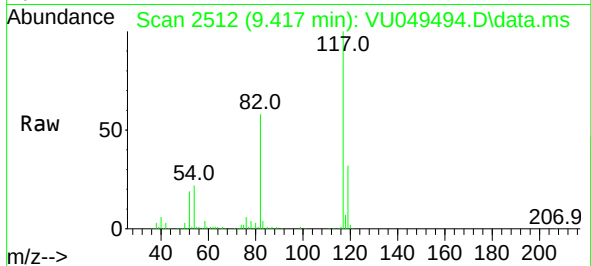




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

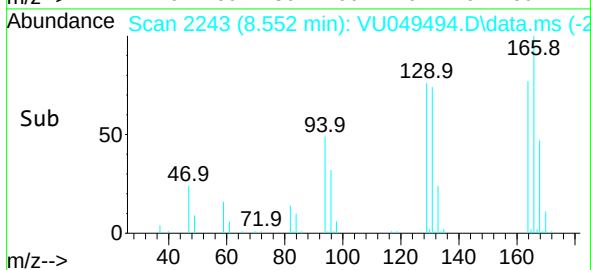
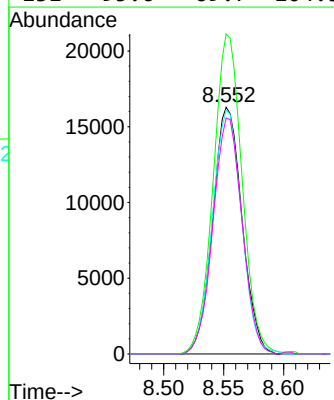
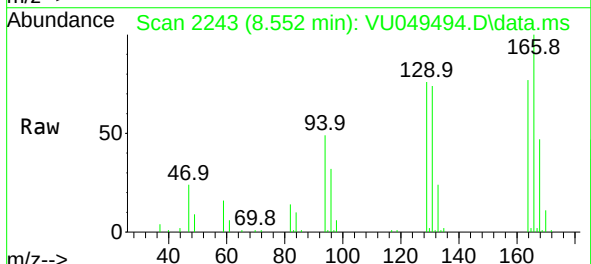
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20220621

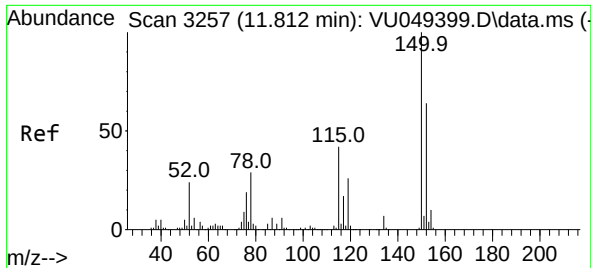
Tgt Ion:117 Resp: 452960
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 9.528 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049494.D
Acq: 29 Jun 2022 05:42

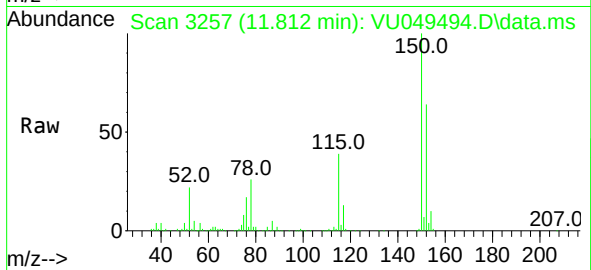
Tgt Ion:164 Resp: 27682
Ion Ratio Lower Upper
164 100
166 129.7 100.0 150.0
129 98.8 72.0 108.0
131 95.6 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049494.D
 Acq: 29 Jun 2022 05:42

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D1-20220621



Tgt Ion:	152	Resp:	193347
Ion	Ratio	Lower	Upper
152	100		
115	61.6	37.0	110.9
150	156.5	0.0	342.2

