

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049577.D
 Acq On : 30 Jun 2022 20:41
 Operator : SY/MD
 Sample : N3458-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE120D1-20220622

Quant Time: Jul 01 05:27:54 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)

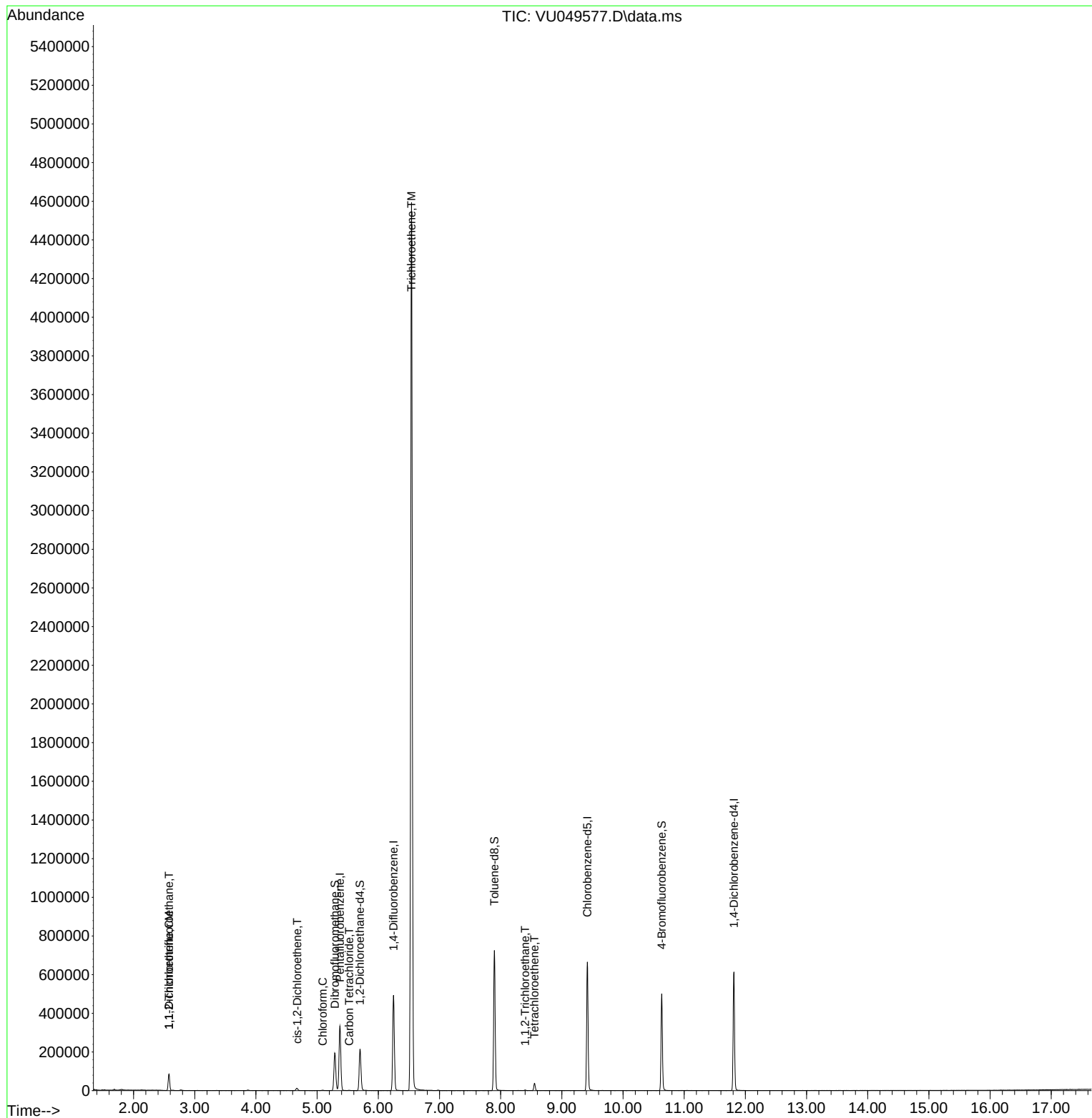
Internal Standards						
1) Pentafluorobenzene	5.372	168	223016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	393615	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	356108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	157575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	161243	46.947	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.288	113	127268	46.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	7.896	98	475639	48.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	10.632	95	167119	44.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	20474	8.276	ug/l	94
12) 1,1-Dichloroethene	2.578	96	10865	4.486	ug/l	79
27) cis-1,2-Dichloroethene	4.674	96	6522	2.162	ug/l	99
30) Chloroform	5.092	83	1822	0.343	ug/l	90
38) Carbon Tetrachloride	5.526	117	1096	0.262	ug/l	# 82
44) Trichloroethene	6.542	130	1505462	525.310	ug/l	86
55) 1,1,2-Trichloroethane	8.401	97	1002	0.338	ug/l	# 82
64) Tetrachloroethene	8.552	164	8393	3.675	ug/l	92

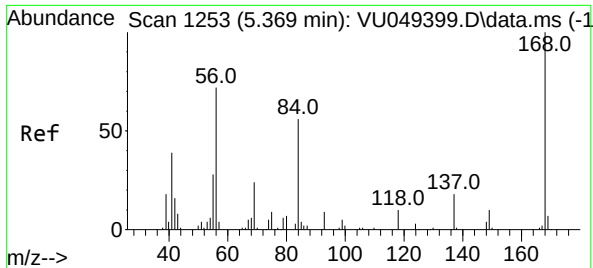
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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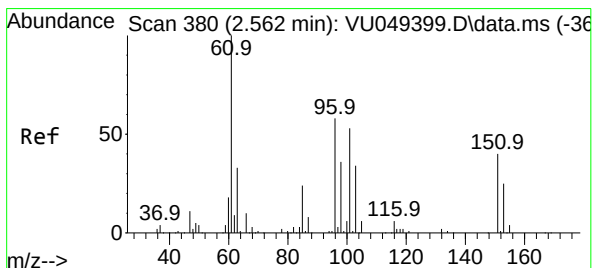
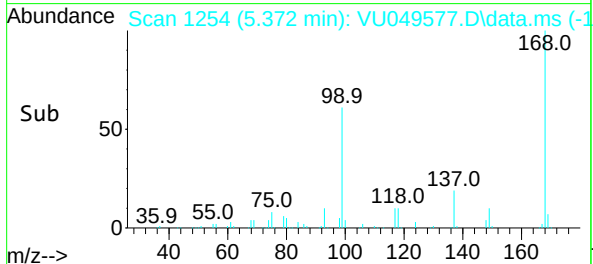
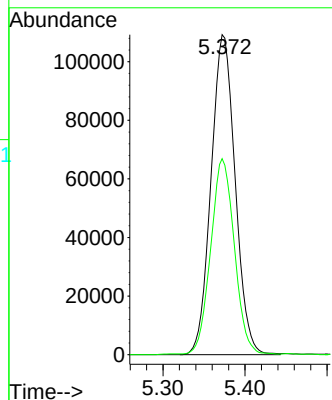
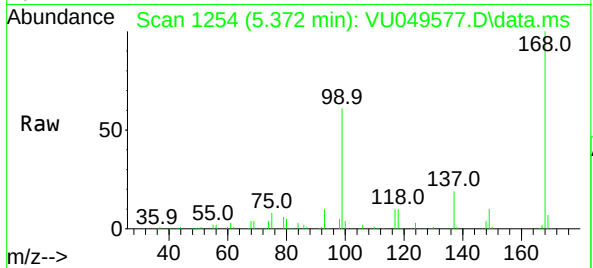




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

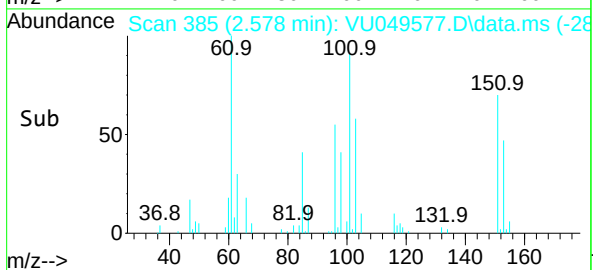
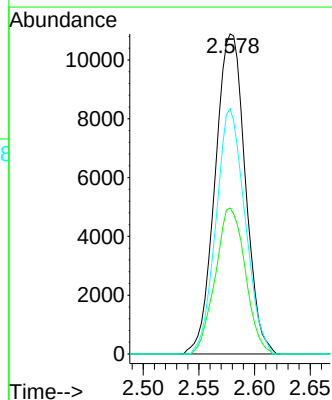
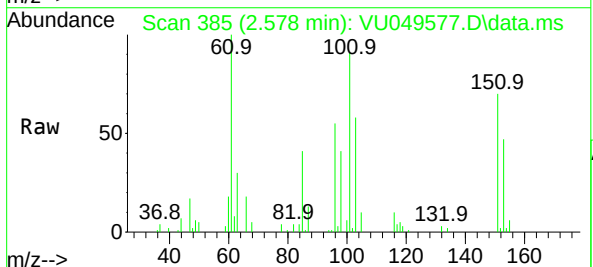
Instrument :
MSVOA_U
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RE120D1-20220622

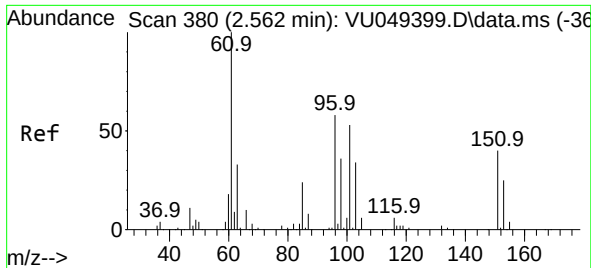
Tgt Ion:168 Resp: 223016
Ion Ratio Lower Upper
168 100
99 61.1 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.276 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

Tgt Ion:101 Resp: 20474
Ion Ratio Lower Upper
101 100
85 45.2 33.9 50.9
151 74.0 64.0 96.0





#12

1,1-Dichloroethene

Concen: 4.486 ug/l

RT: 2.578 min Scan# 380

Delta R.T. 0.016 min

Lab File: VU049577.D

Acq: 30 Jun 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

RE120D1-20220622

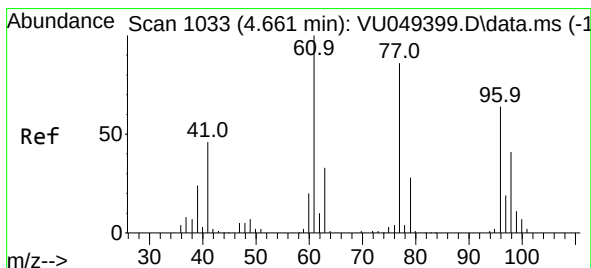
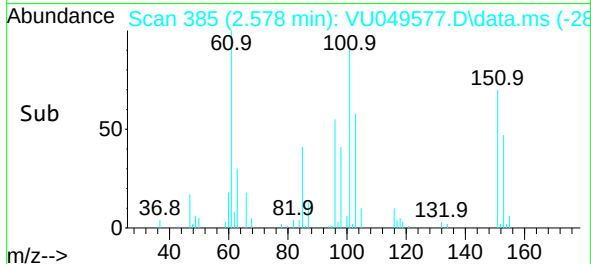
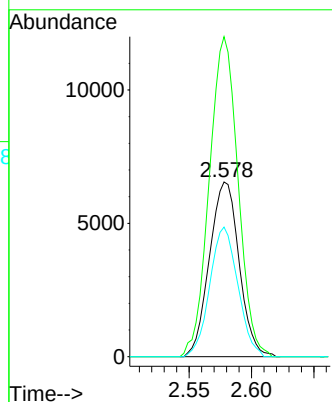
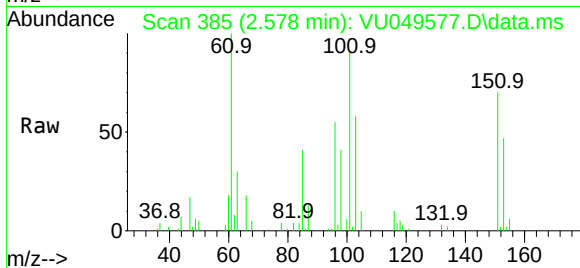
Tgt Ion: 96 Resp: 10865

Ion Ratio Lower Upper

96 100

61 183.2 122.2 183.2

98 74.2 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 2.162 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.013 min

Lab File: VU049577.D

Acq: 30 Jun 2022 20:41

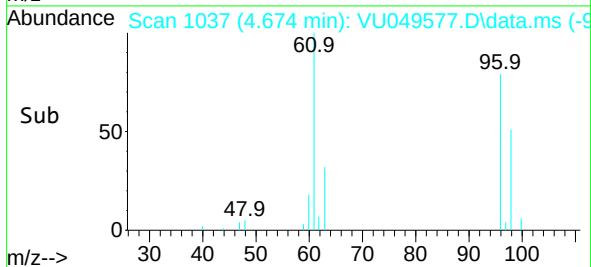
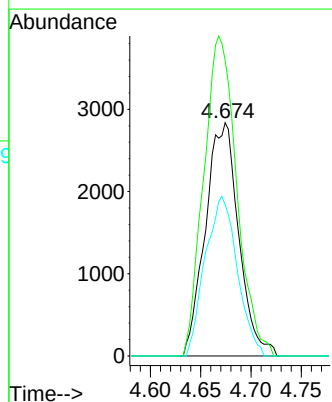
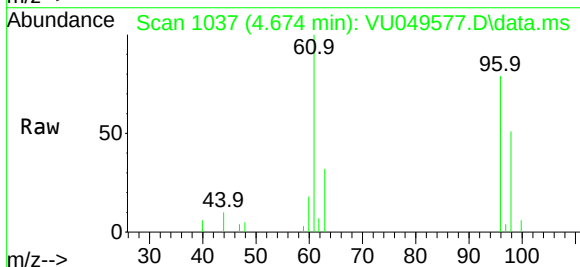
Tgt Ion: 96 Resp: 6522

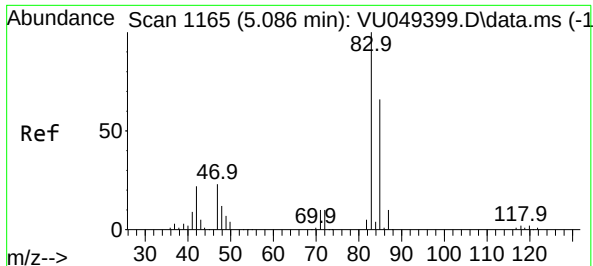
Ion Ratio Lower Upper

96 100

61 136.0 0.0 271.6

98 66.0 0.0 128.2





#30

Chloroform

Concen: 0.343 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VU049577.D

Acq: 30 Jun 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

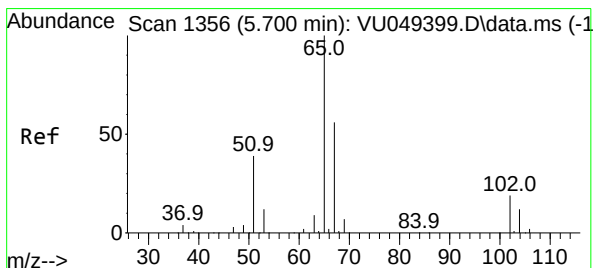
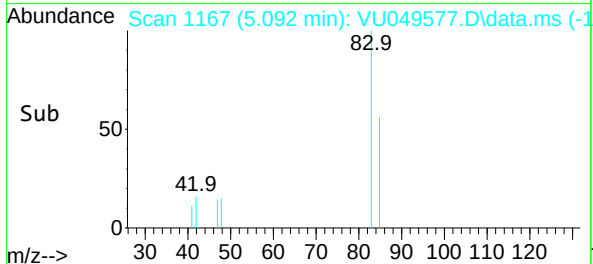
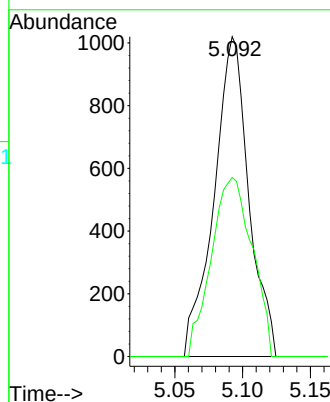
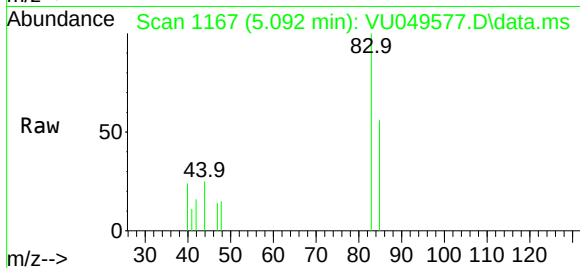
RE120D1-20220622

Tgt Ion: 83 Resp: 1822

Ion Ratio Lower Upper

83 100

85 56.0 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 46.947 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049577.D

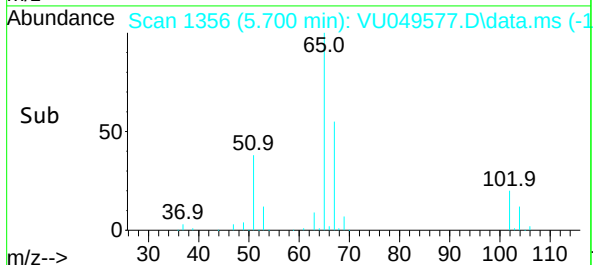
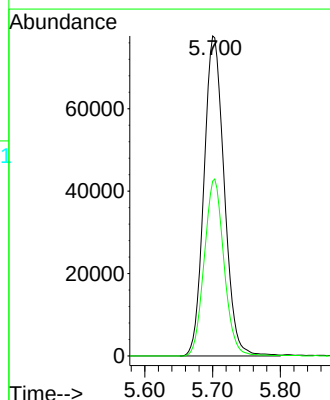
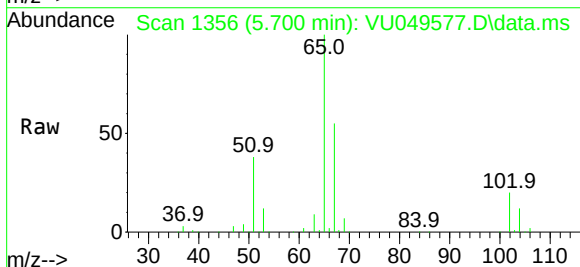
Acq: 30 Jun 2022 20:41

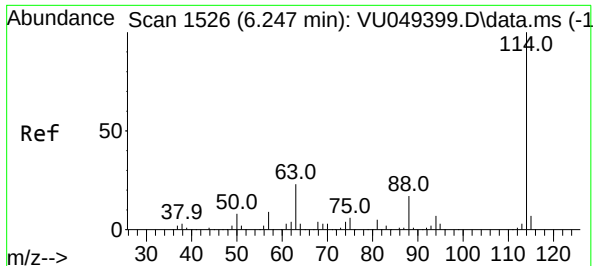
Tgt Ion: 65 Resp: 161243

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049577.D

Acq: 30 Jun 2022 20:41

Instrument :

MSVOA_U

ClientSampleId :

RE120D1-20220622

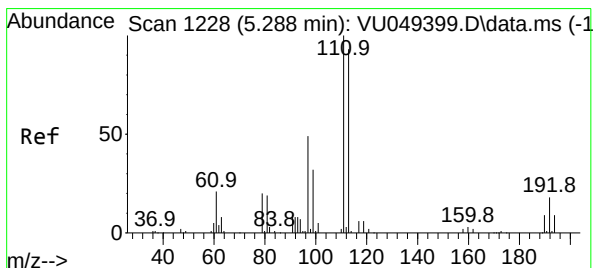
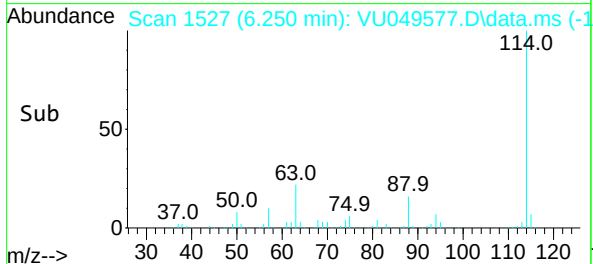
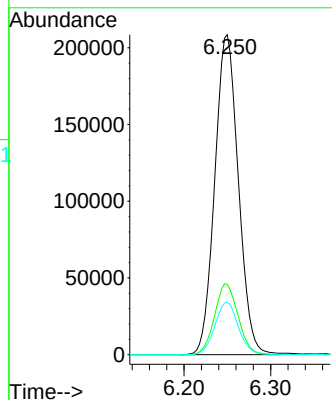
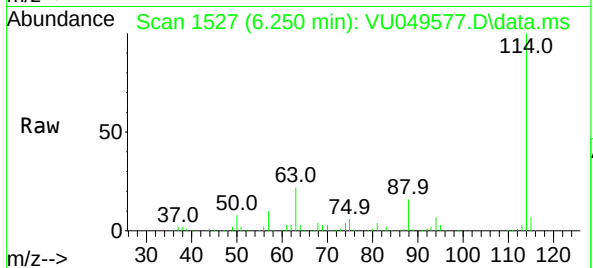
Tgt Ion:114 Resp: 393615

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.215 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049577.D

Acq: 30 Jun 2022 20:41

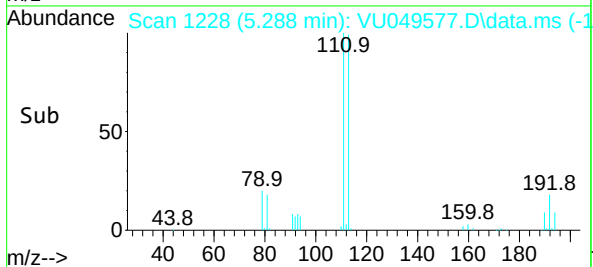
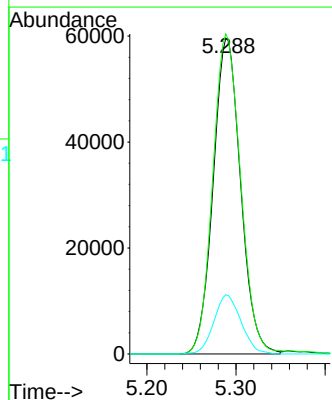
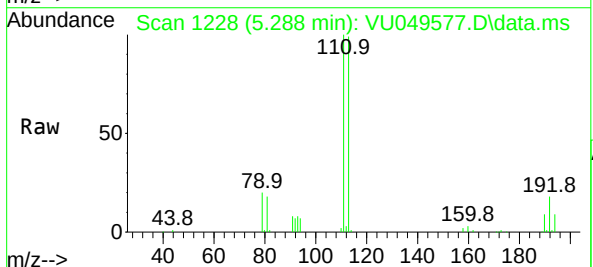
Tgt Ion:113 Resp: 127268

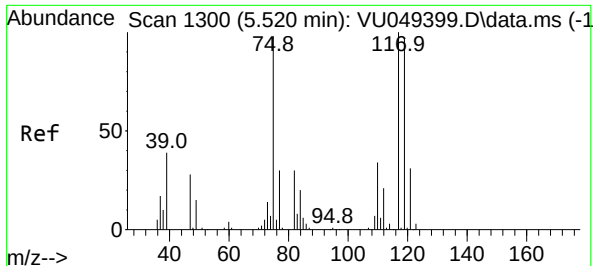
Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 18.6 18.0 27.0

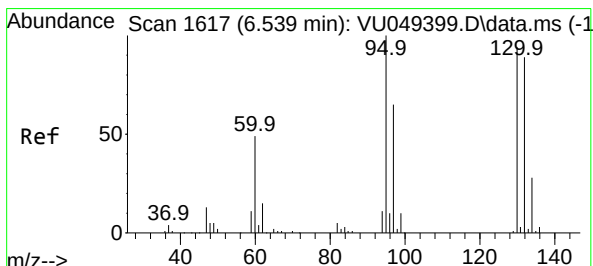
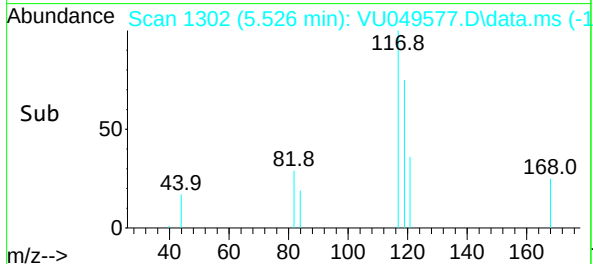
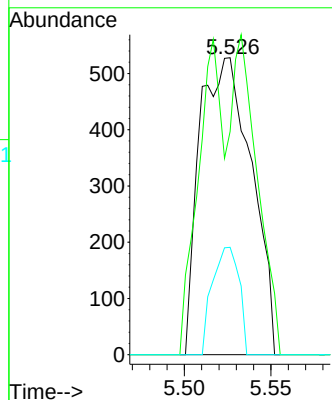
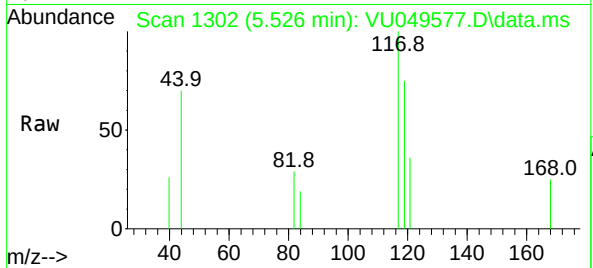




#38
Carbon Tetrachloride
Concen: 0.262 ug/l
RT: 5.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

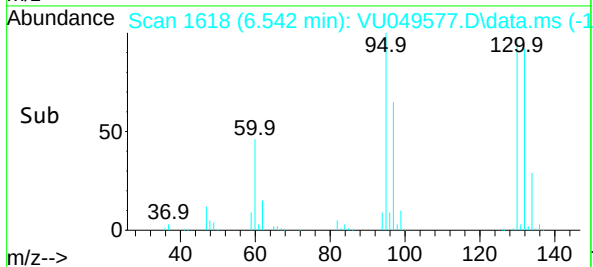
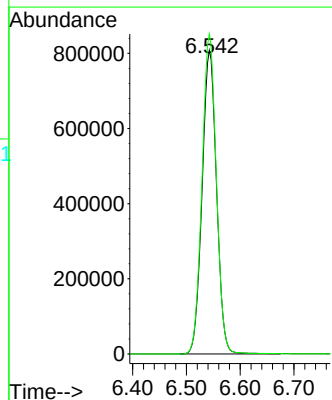
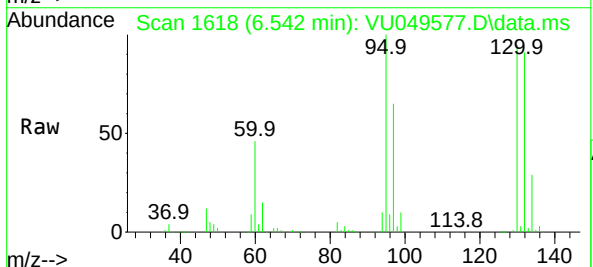
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MSVOA_U
ClientSampleId :
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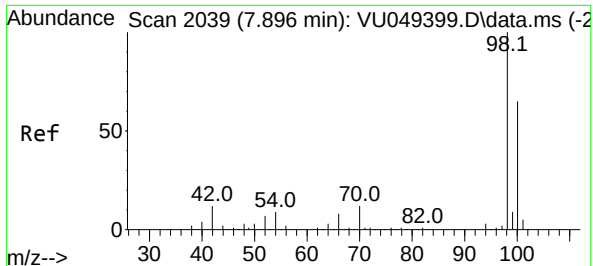
Tgt Ion:117 Resp: 1096
Ion Ratio Lower Upper
117 100
119 75.2 76.8 115.2#
121 36.2 24.7 37.1



#44
Trichloroethene
Concen: 525.310 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

Tgt Ion:130 Resp: 1505462
Ion Ratio Lower Upper
130 100
95 105.4 0.0 184.6

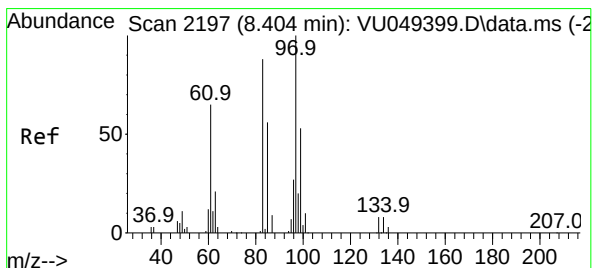
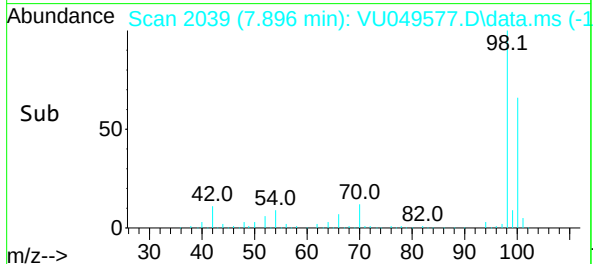
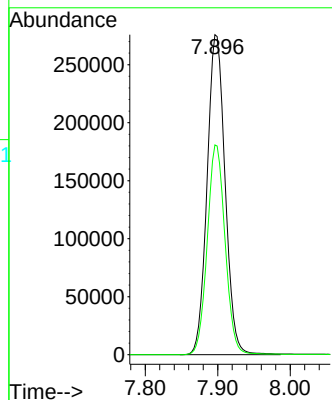
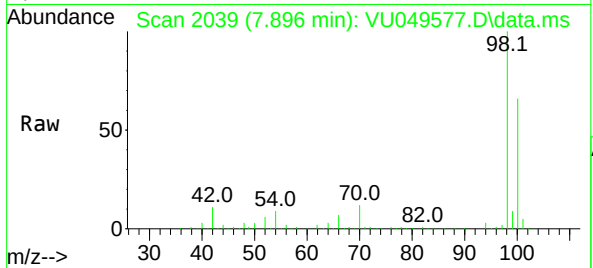




#50
Toluene-d8
Concen: 48.425 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

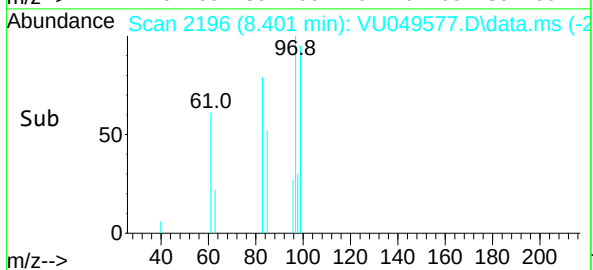
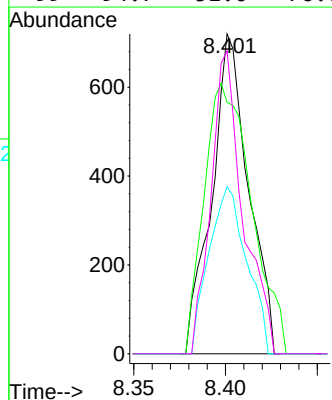
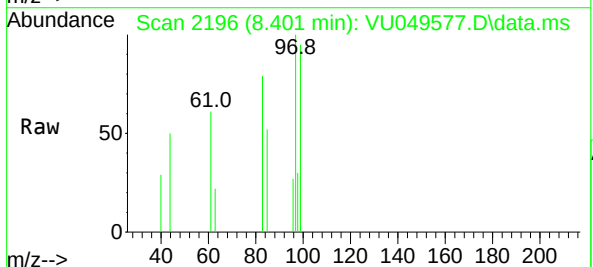
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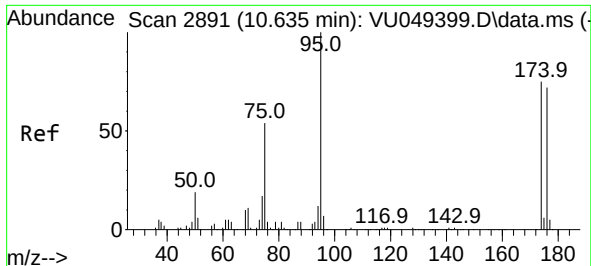
Tgt Ion: 98 Resp: 475639
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#55
1,1,2-Trichloroethane
Concen: 0.338 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

Tgt Ion: 97 Resp: 1002
Ion Ratio Lower Upper
97 100
83 78.6 70.2 105.4
85 52.2 44.6 66.8
99 94.7 51.0 76.6#

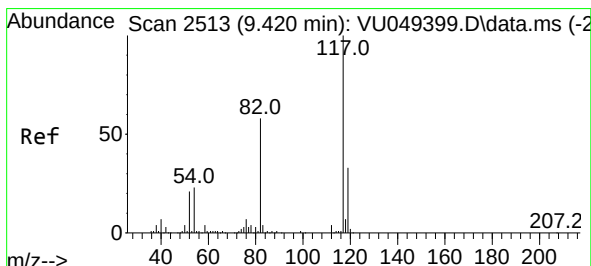
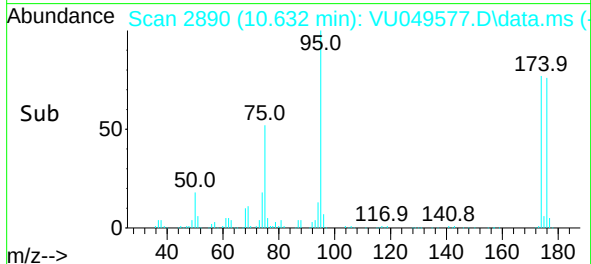
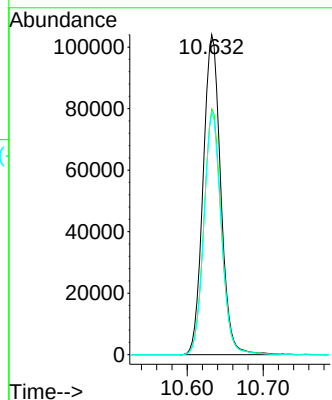
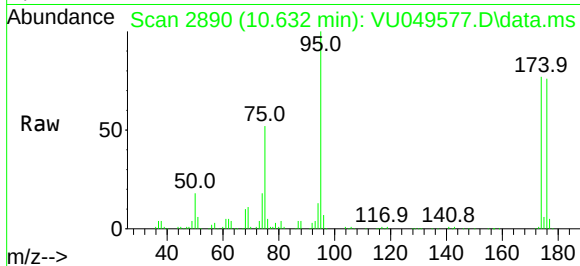




#62
4-Bromofluorobenzene
Concen: 44.416 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

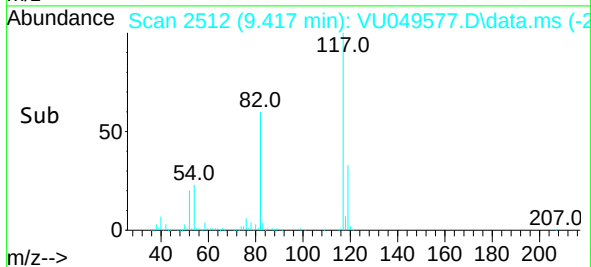
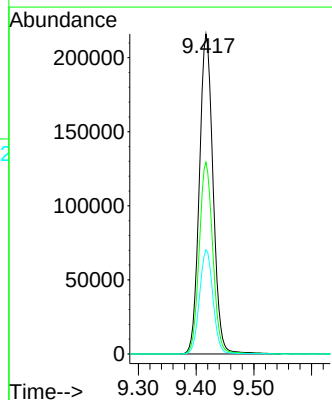
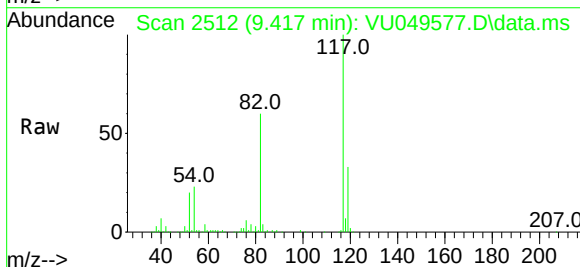
Instrument :
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ClientSampleId :
RE120D1-20220622

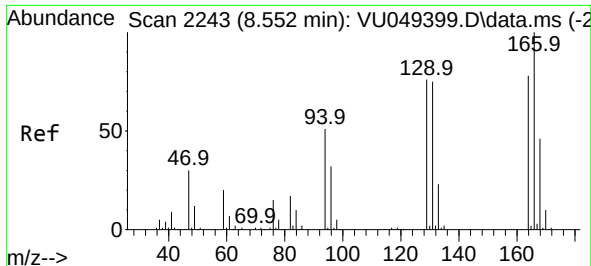
Tgt Ion: 95 Resp: 167119
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 74.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

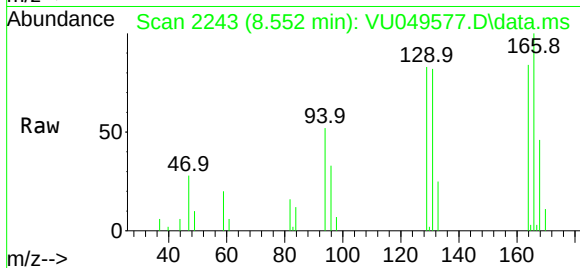
Tgt Ion: 117 Resp: 356108
Ion Ratio Lower Upper
117 100
82 59.9 41.7 62.5
119 32.6 25.7 38.5



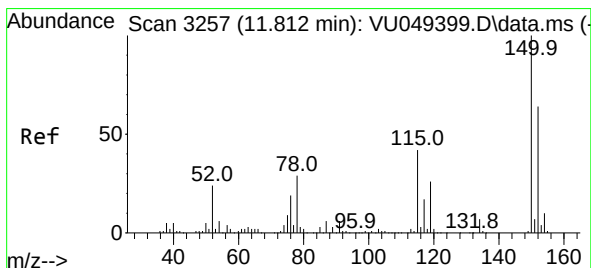
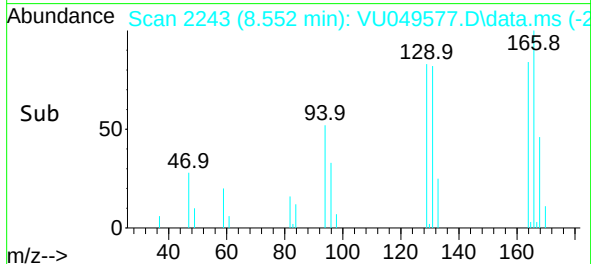
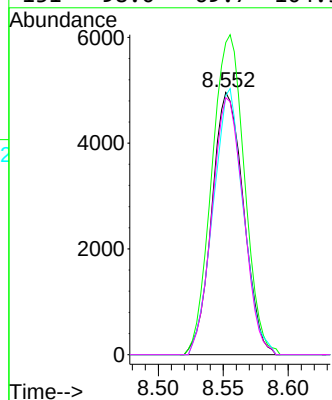


#64
Tetrachloroethene
Concen: 3.675 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :
RE120D1-20220622



Tgt Ion:	164	Resp:	8393
Ion	Ratio	Lower	Upper
164	100		
166	119.0	100.0	150.0
129	98.8	72.0	108.0
131	98.0	69.7	104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049577.D
Acq: 30 Jun 2022 20:41

Tgt Ion:	152	Resp:	157575
Ion	Ratio	Lower	Upper
152	100		
115	62.5	37.0	110.9
150	158.4	0.0	342.2

