

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049523.D
 Acq On : 29 Jun 2022 19:06
 Operator : SY/MD
 Sample : N3457-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D2-20220620

Quant Time: Jun 30 00:49:58 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)

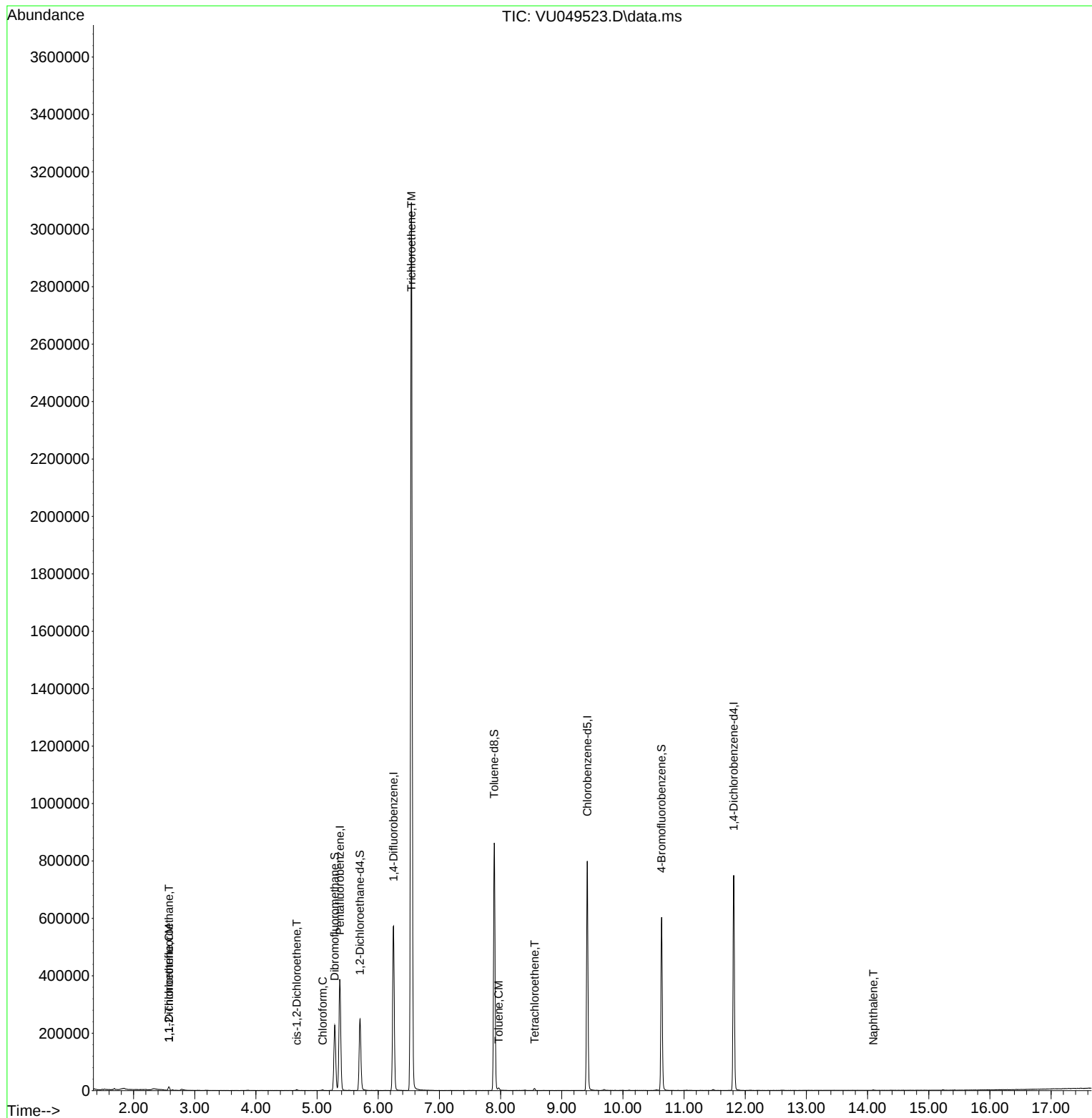
Internal Standards						
1) Pentafluorobenzene	5.372	168	264303	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	468151	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	428522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	197021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	186521	45.823	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.640%
35) Dibromofluoromethane	5.288	113	148411	45.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	7.896	98	563636	48.248	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	203859	45.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	4337	1.479	ug/l	98
12) 1,1-Dichloroethene	2.578	96	791	0.276	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	1456	0.407	ug/l	87
30) Chloroform	5.092	83	1981	0.315	ug/l	88
44) Trichloroethene	6.542	130	1024991	300.712	ug/l	87
52) Toluene	7.970	92	2742	0.322	ug/l	83
64) Tetrachloroethene	8.555	164	1858	0.676	ug/l	91
95) Naphthalene	14.095	128	2500	1.892	ug/l	# 80

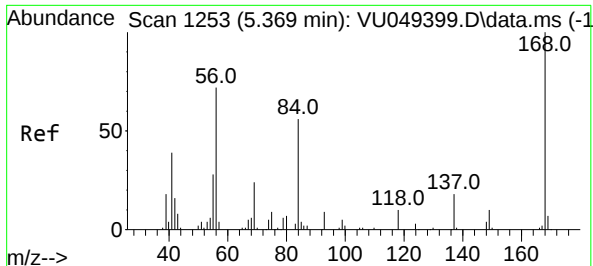
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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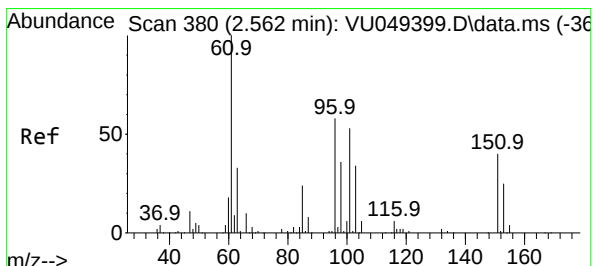
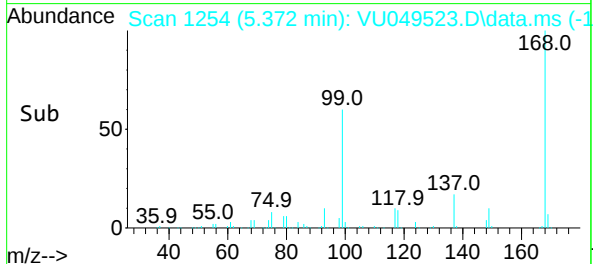
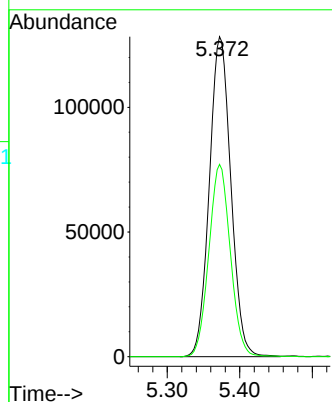
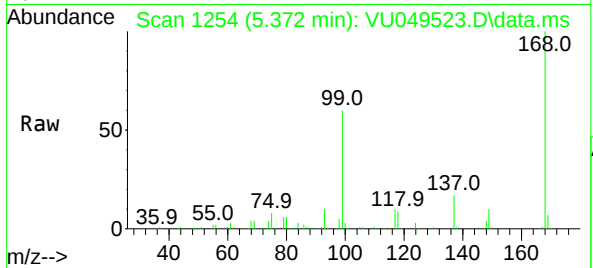




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

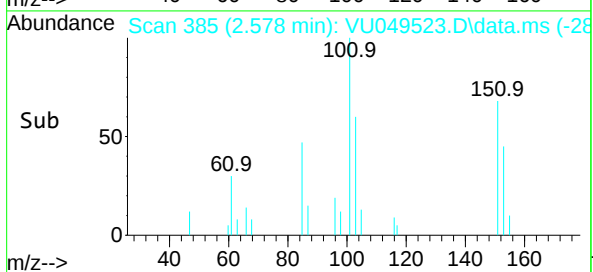
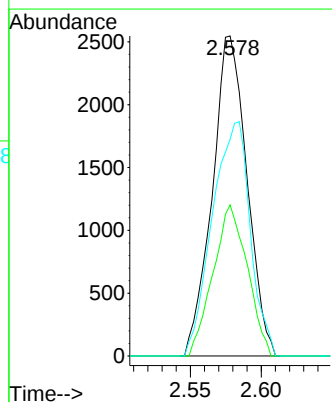
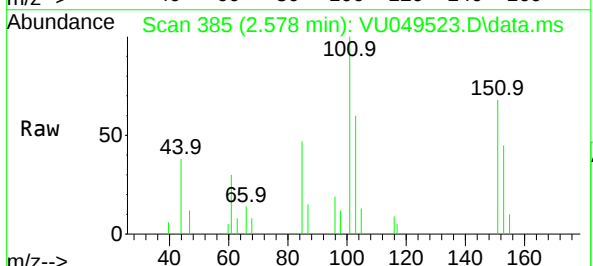
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20220620

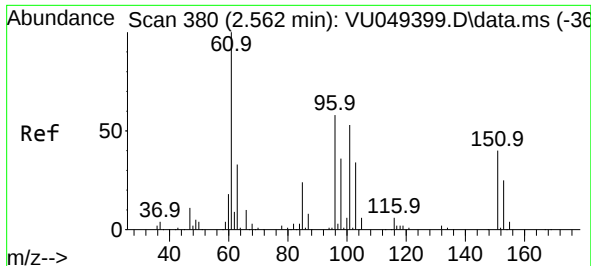
Tgt Ion:168 Resp: 264303
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.479 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Tgt Ion:101 Resp: 4337
Ion Ratio Lower Upper
101 100
85 46.6 33.9 50.9
151 80.0 64.0 96.0

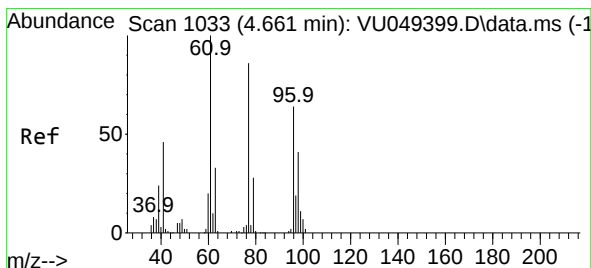
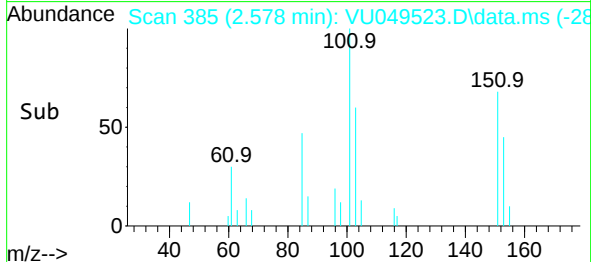
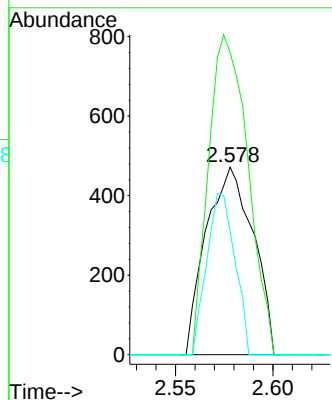
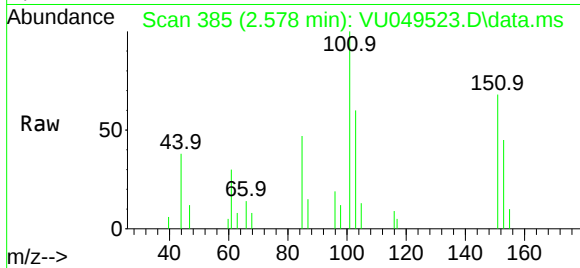




#12
1,1-Dichloroethene
Concen: 0.276 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

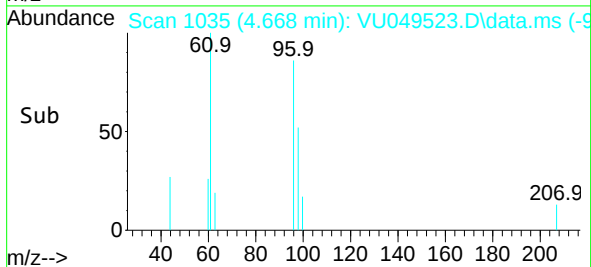
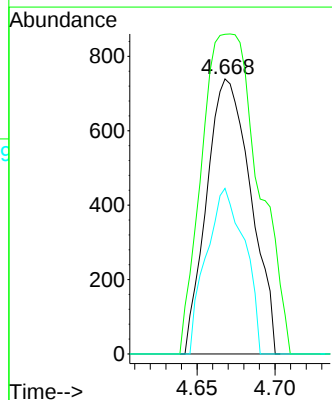
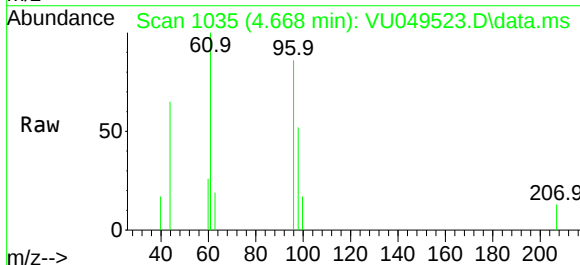
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20220620

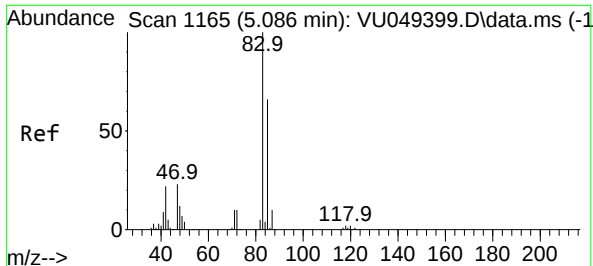
Tgt Ion:	96	Resp:	791
Ion	Ratio	Lower	Upper
96	100		
61	161.0	122.2	183.2
98	65.7	50.7	76.1



#27
cis-1,2-Dichloroethene
Concen: 0.407 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Tgt Ion:	96	Resp:	1456
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	271.6
98	52.2	0.0	128.2





#30

Chloroform

Concen: 0.315 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU049523.D

Acq: 29 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

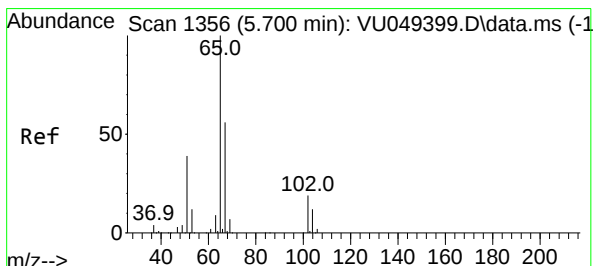
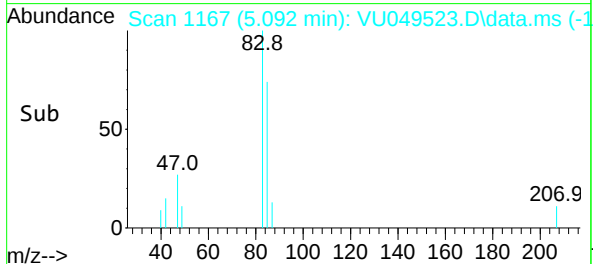
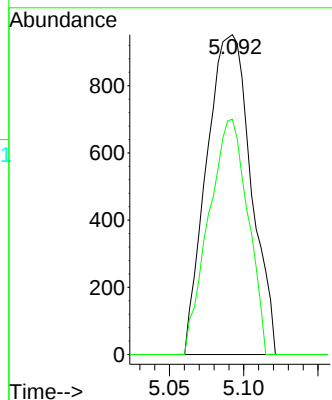
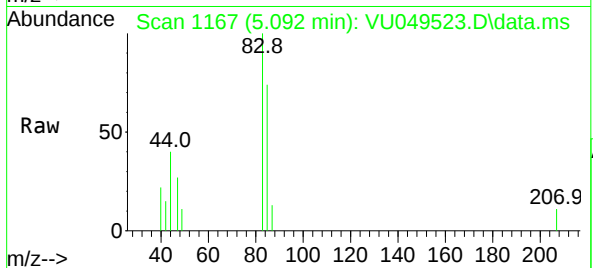
RE103D2-20220620

Tgt Ion: 83 Resp: 1981

Ion Ratio Lower Upper

83 100

85 73.5 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 45.823 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049523.D

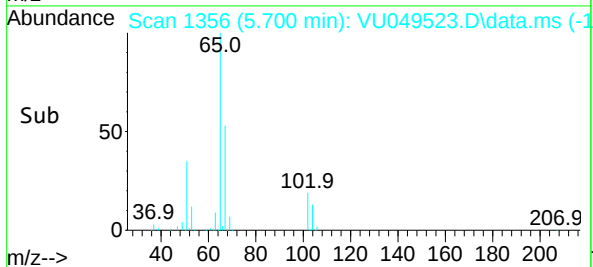
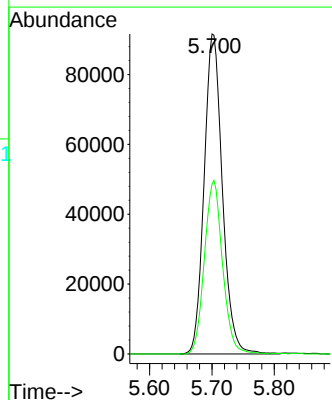
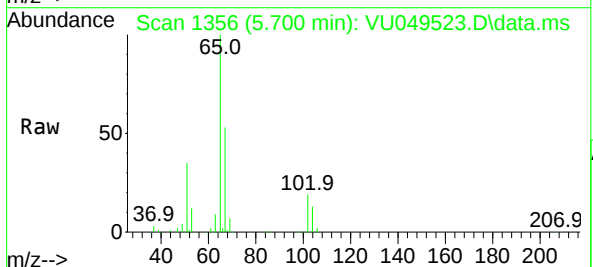
Acq: 29 Jun 2022 19:06

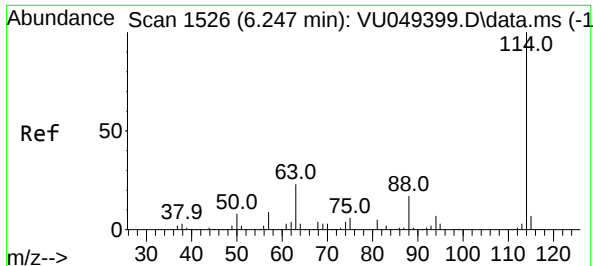
Tgt Ion: 65 Resp: 186521

Ion Ratio Lower Upper

65 100

67 53.9 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: VU049523.D

Acq: 29 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

RE103D2-20220620

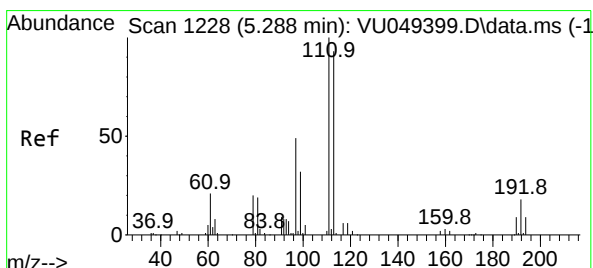
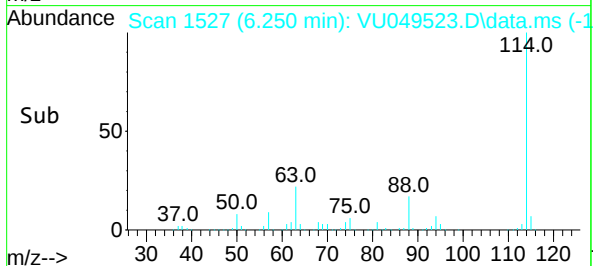
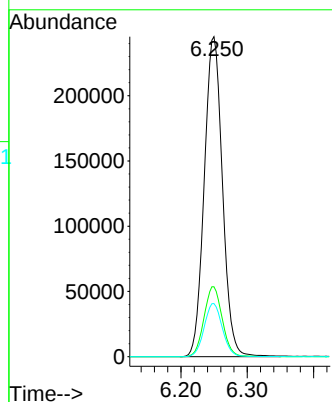
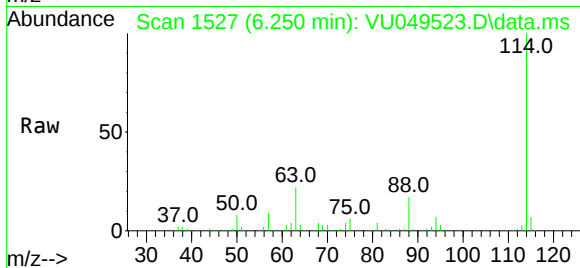
Tgt Ion:114 Resp: 468151

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.312 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049523.D

Acq: 29 Jun 2022 19:06

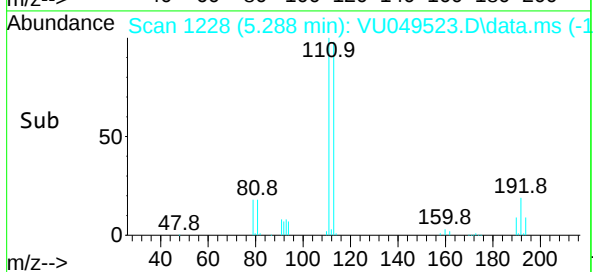
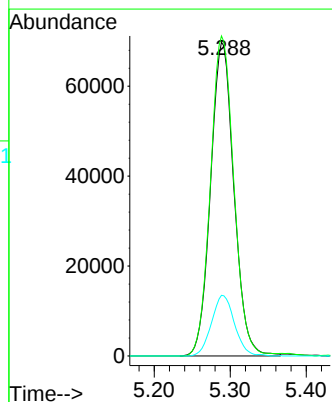
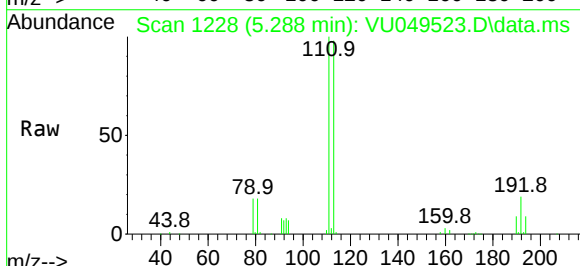
Tgt Ion:113 Resp: 148411

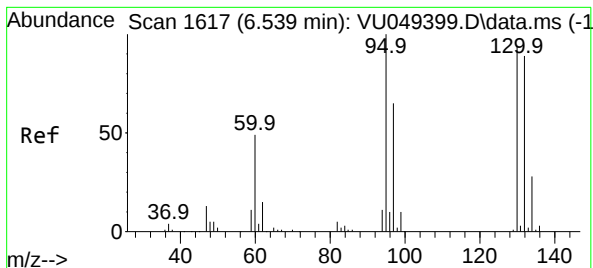
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 19.1 18.0 27.0





#44

Trichloroethene

Concen: 300.712 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049523.D

Acq: 29 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

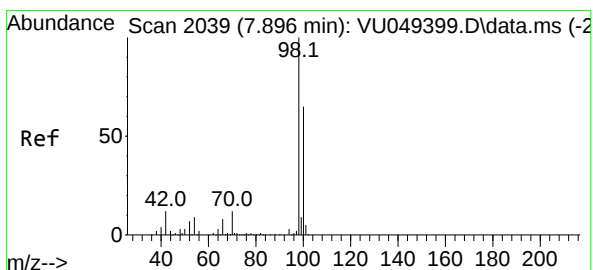
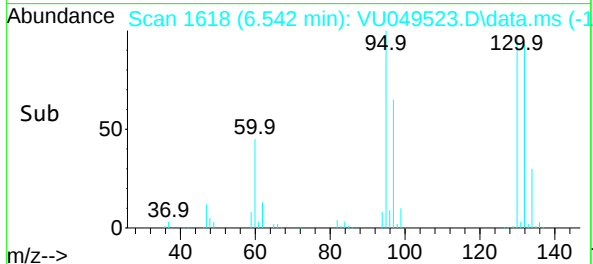
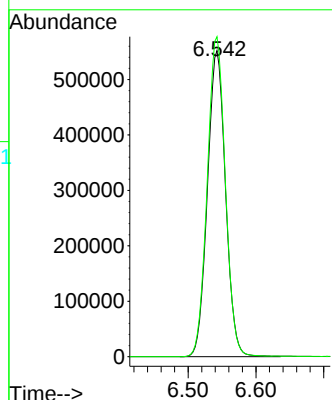
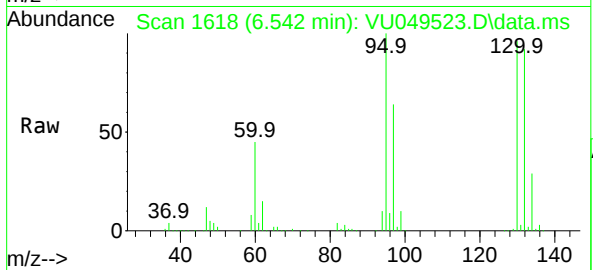
RE103D2-20220620

Tgt Ion:130 Resp: 1024991

Ion Ratio Lower Upper

130 100

95 104.5 0.0 184.6



#50

Toluene-d8

Concen: 48.248 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049523.D

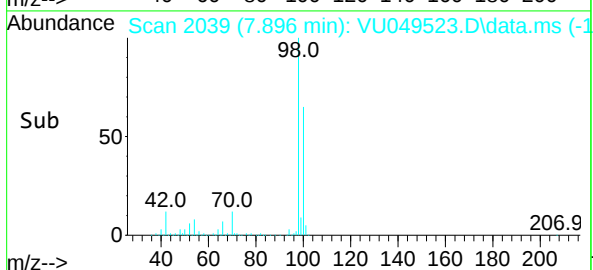
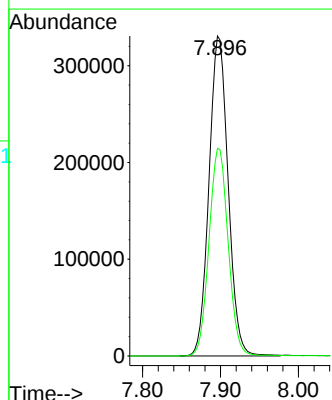
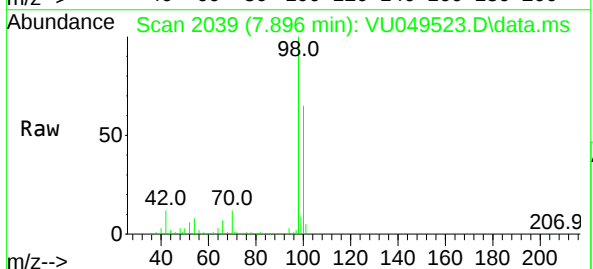
Acq: 29 Jun 2022 19:06

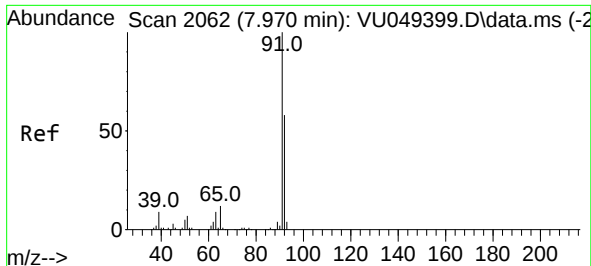
Tgt Ion: 98 Resp: 563636

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5

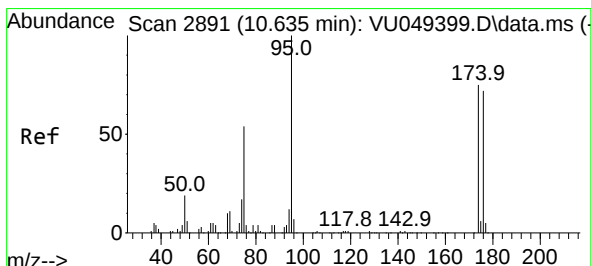
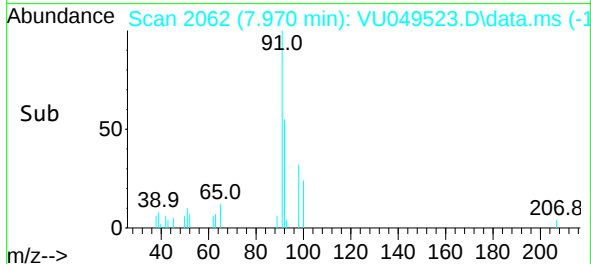
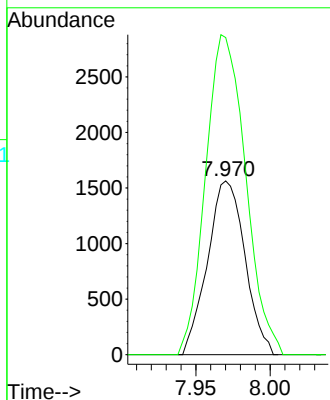
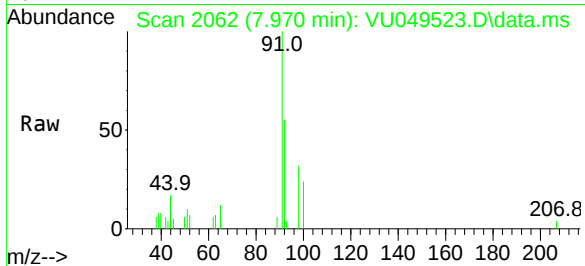




#52
Toluene
Concen: 0.322 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

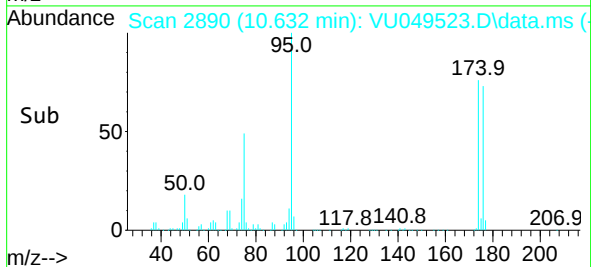
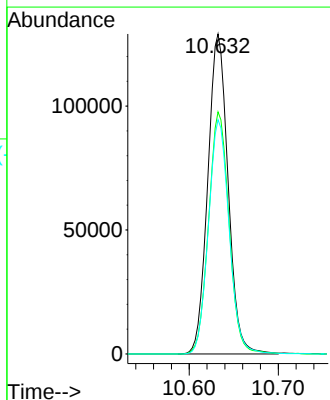
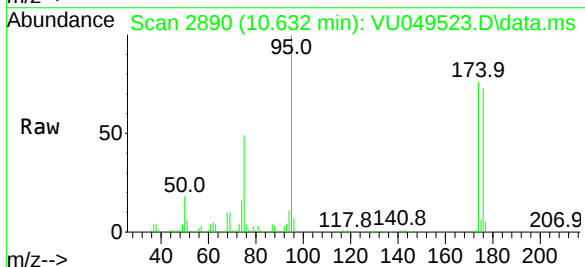
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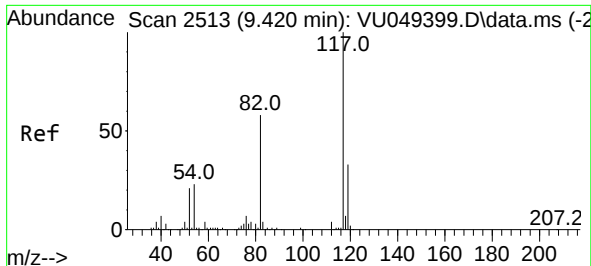
Tgt Ion: 92 Resp: 2742
Ion Ratio Lower Upper
92 100
91 196.1 138.2 207.4



#62
4-Bromofluorobenzene
Concen: 45.555 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Tgt Ion: 95 Resp: 203859
Ion Ratio Lower Upper
95 100
174 76.4 0.0 182.0
176 74.5 0.0 177.8

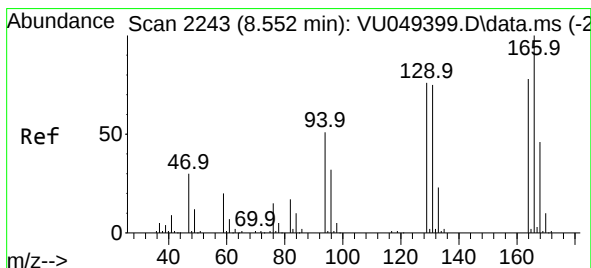
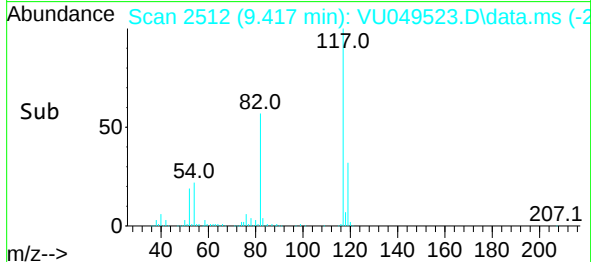
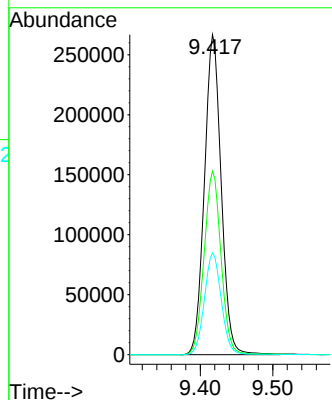
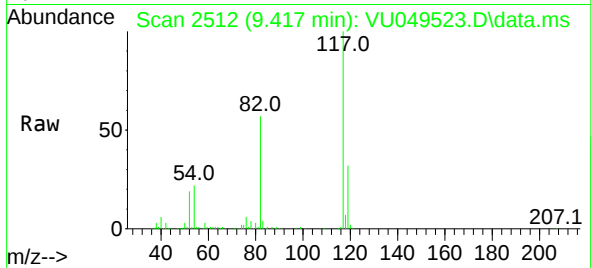




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

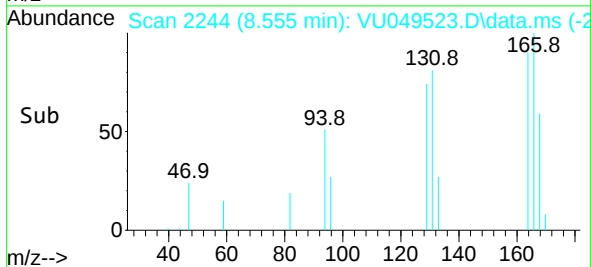
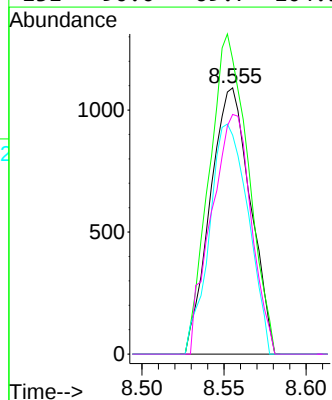
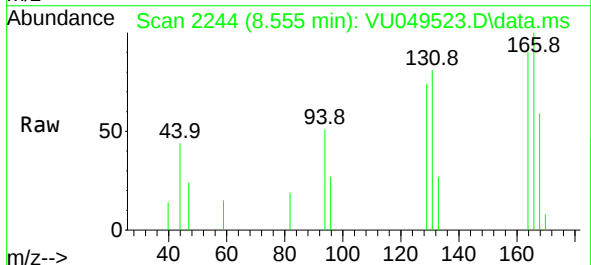
Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20220620

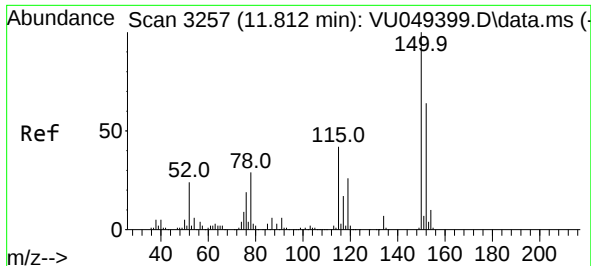
Tgt Ion:117 Resp: 428522
Ion Ratio Lower Upper
117 100
82 57.4 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 0.676 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Tgt Ion:164 Resp: 1858
Ion Ratio Lower Upper
164 100
166 110.6 100.0 150.0
129 82.2 72.0 108.0
131 90.0 69.7 104.5

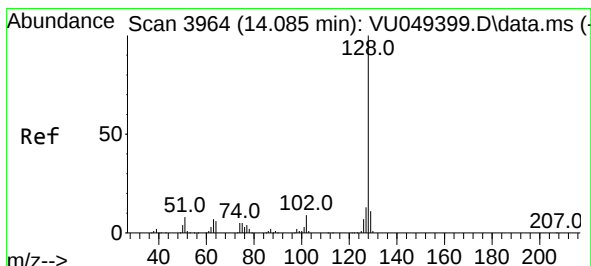
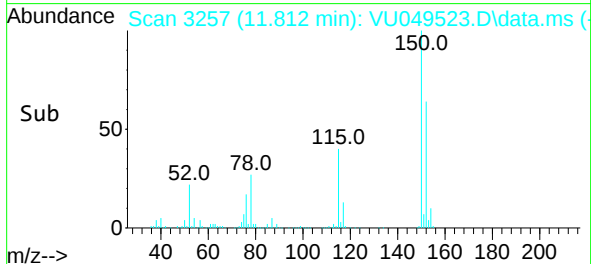
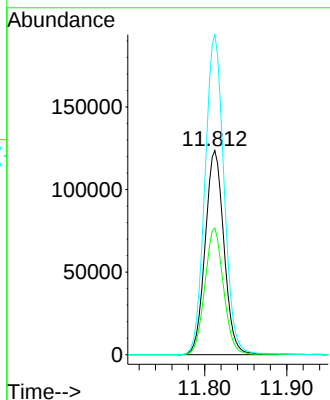
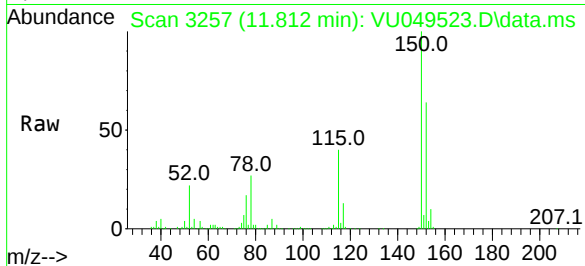




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Instrument :
MSVOA_U
ClientSampleId :
RE103D2-20220620

Tgt Ion:152 Resp: 197021
Ion Ratio Lower Upper
152 100
115 61.6 37.0 110.9
150 158.1 0.0 342.2



#95
Naphthalene
Concen: 1.892 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU049523.D
Acq: 29 Jun 2022 19:06

Tgt Ion:128 Resp: 2500
Ion Ratio Lower Upper
128 100
127 4.2 10.3 15.5#
129 3.7 8.6 13.0#

