

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049591.D
 Acq On : 01 Jul 2022 18:54
 Operator : SY/MD
 Sample : N3569-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-80

Quant Time: Jul 04 06:48:57 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)

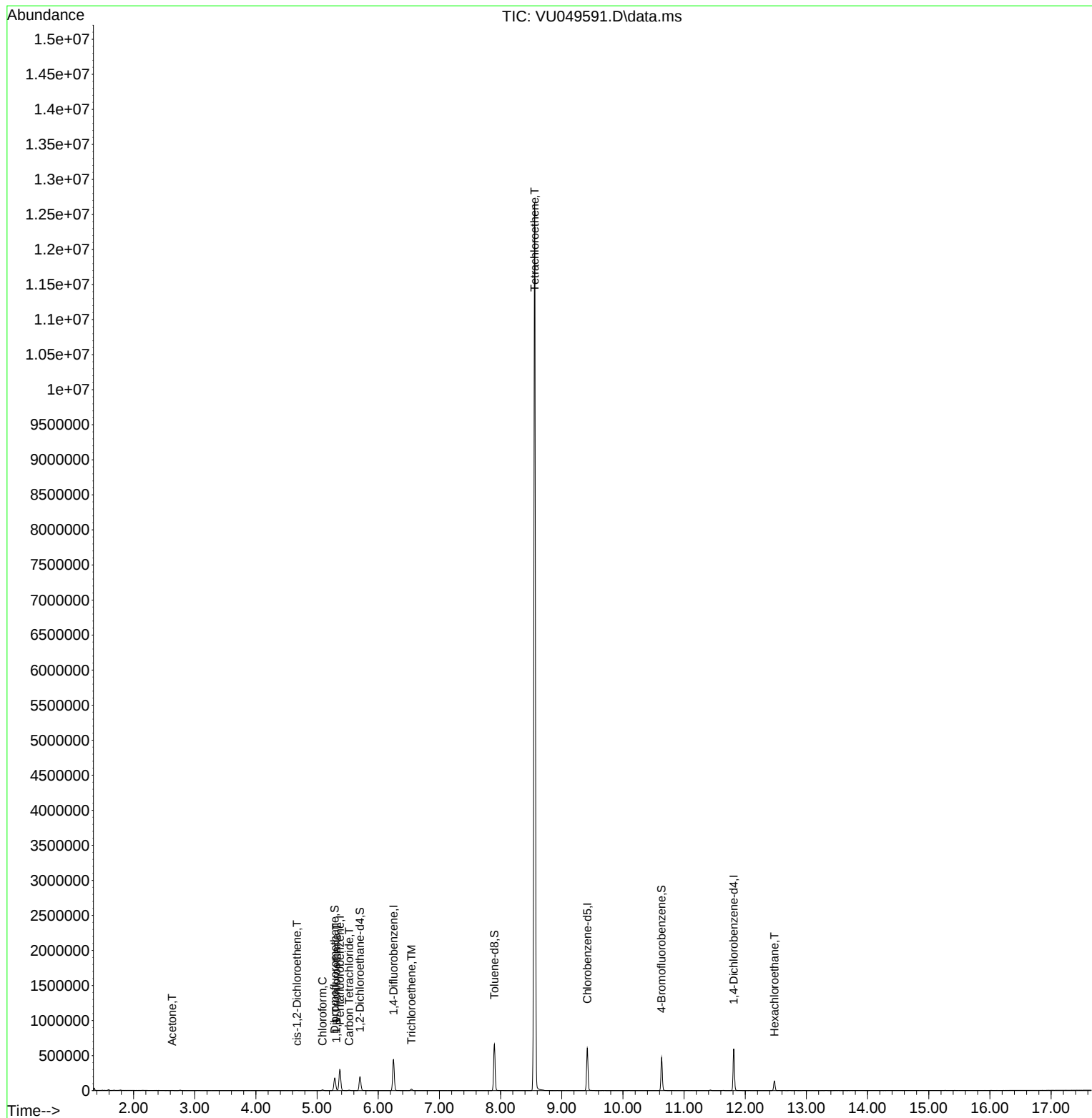
Internal Standards						
1) Pentafluorobenzene	5.372	168	201300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	352270	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	325687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	149315	48.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.320%
35) Dibromofluoromethane	5.288	113	117316	47.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	7.899	98	431725	49.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	10.632	95	155482	46.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
						Qvalue
16) Acetone	2.629	43	1897	1.213	ug/l	96
27) cis-1,2-Dichloroethene	4.671	96	847	0.311	ug/l	96
30) Chloroform	5.089	83	9699	2.023	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	1862	0.448	ug/l	# 38
38) Carbon Tetrachloride	5.523	117	4562	1.217	ug/l	88
44) Trichloroethene	6.542	130	7083	2.762	ug/l	87
64) Tetrachloroethene	8.558	164	2674021	1280.087	ug/l	91
90) Hexachloroethane	12.478	117	25069	13.411	ug/l	88

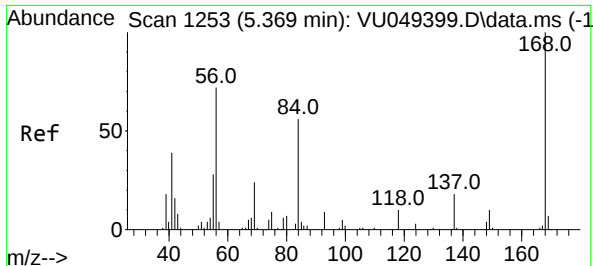
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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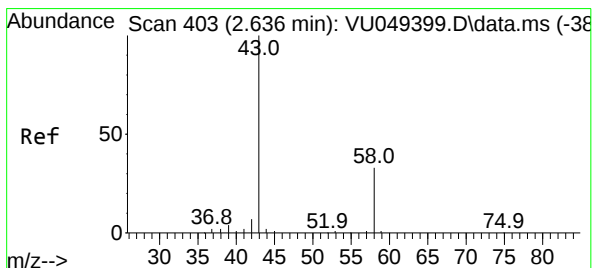
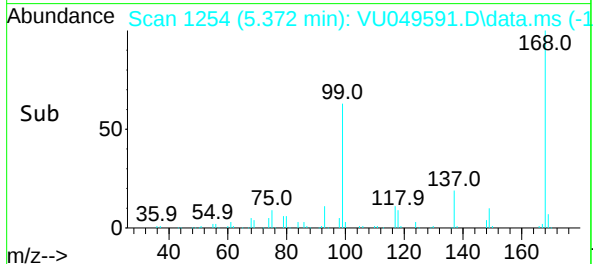
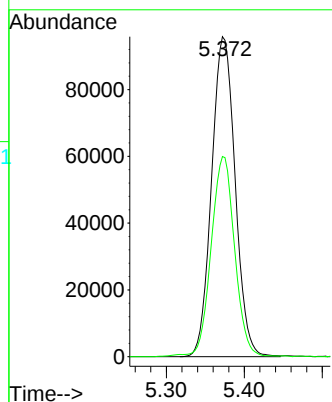
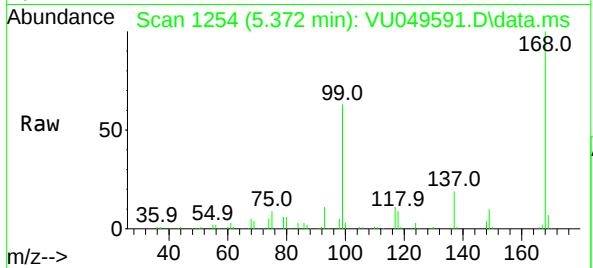




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

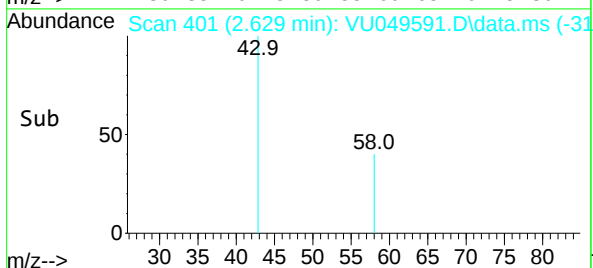
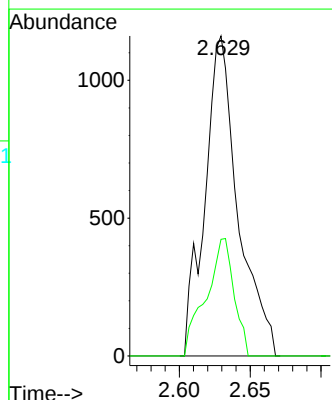
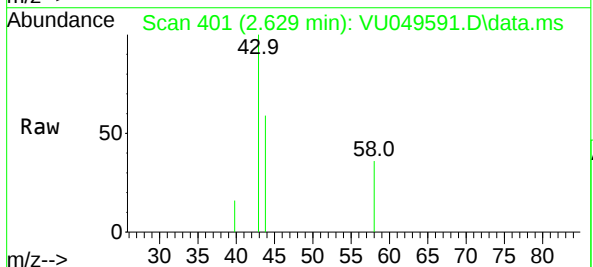
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MSVOA_U
ClientSampleId :
152140-SPC-09-80

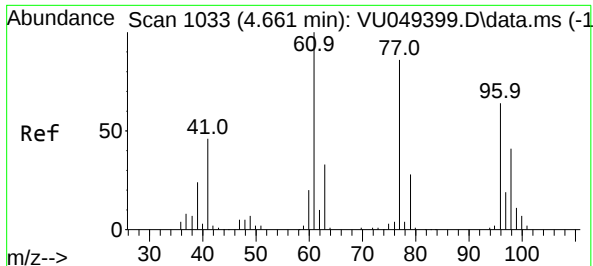
Tgt Ion:168 Resp: 201300
Ion Ratio Lower Upper
168 100
99 62.3 39.3 58.9#



#16
Acetone
Concen: 1.213 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
58 36.4 27.5 41.3

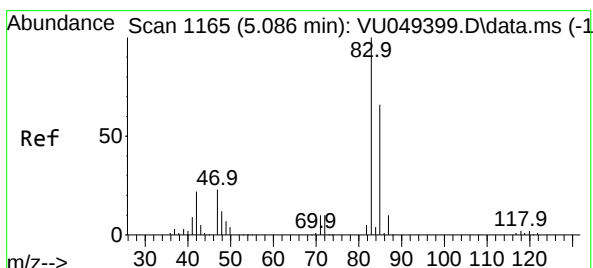
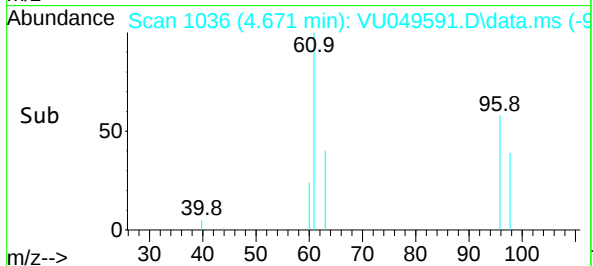
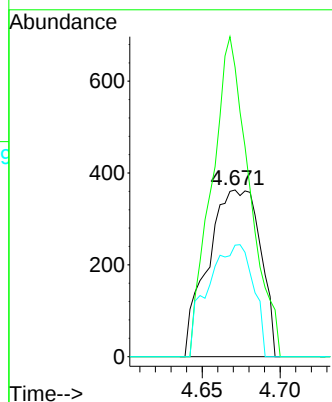
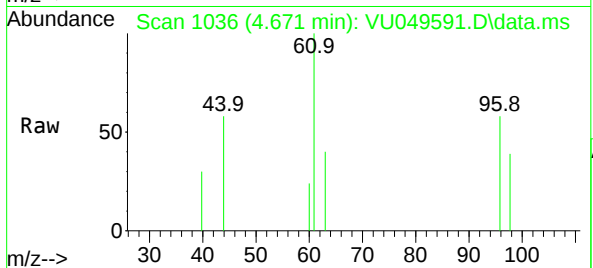




#27
 cis-1,2-Dichloroethene
 Concen: 0.311 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VU049591.D
 Acq: 01 Jul 2022 18:54

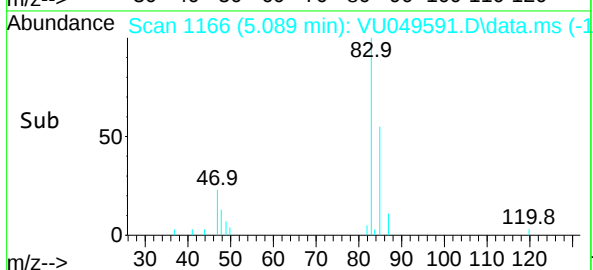
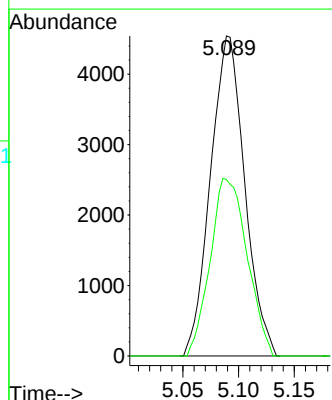
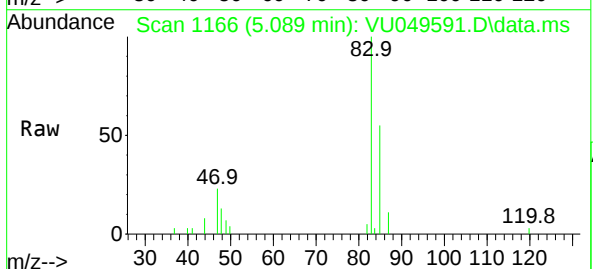
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-80

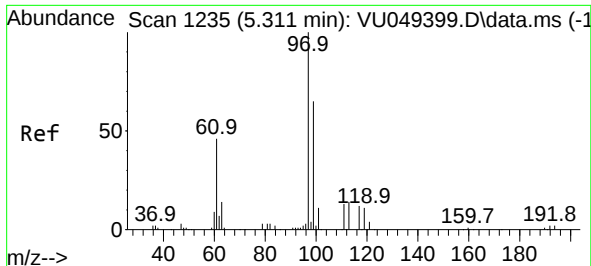
Tgt Ion: 96 Resp: 847
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 271.6
 98 58.1 0.0 128.2



#30
 Chloroform
 Concen: 2.023 ug/l
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.003 min
 Lab File: VU049591.D
 Acq: 01 Jul 2022 18:54

Tgt Ion: 83 Resp: 9699
 Ion Ratio Lower Upper
 83 100
 85 55.1 51.2 76.8

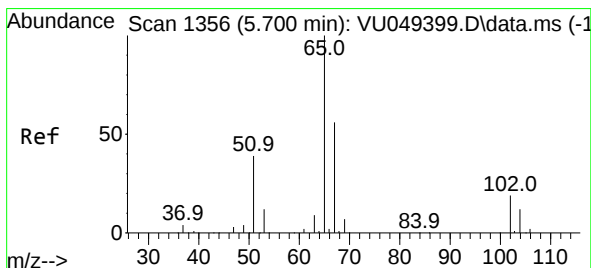
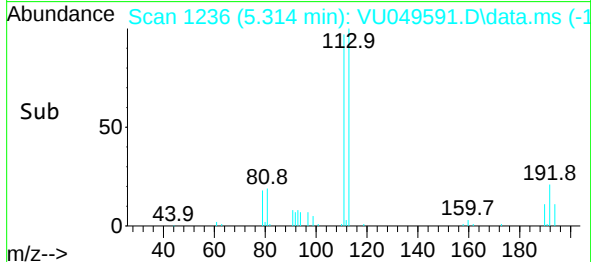
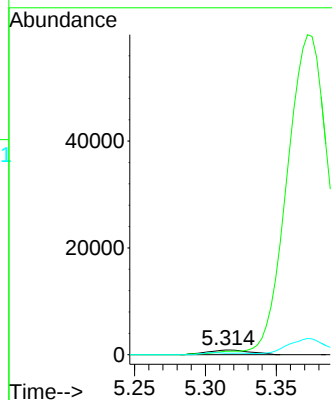
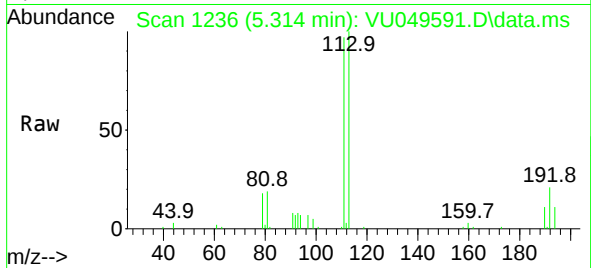




#32
1,1,1-Trichloroethane
Concen: 0.448 ug/l
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

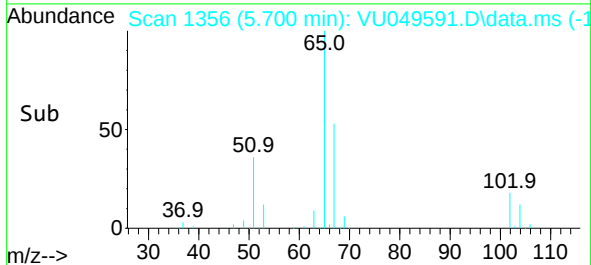
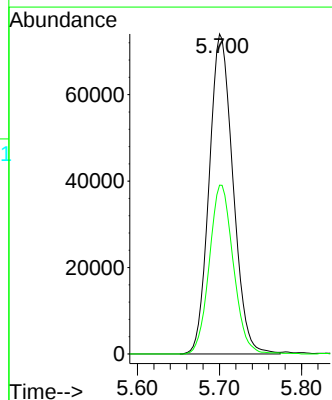
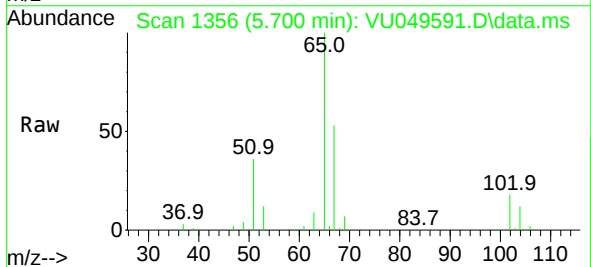
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-80

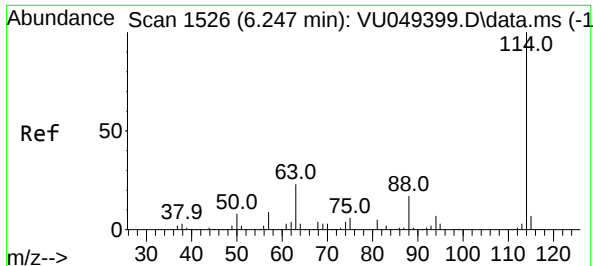
Tgt Ion: 97 Resp: 1862
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 23.7 35.1 52.7#



#33
1,2-Dichloroethane-d4
Concen: 48.164 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion: 65 Resp: 149315
Ion Ratio Lower Upper
65 100
67 53.2 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: VU049591.D

Acq: 01 Jul 2022 18:54

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-80

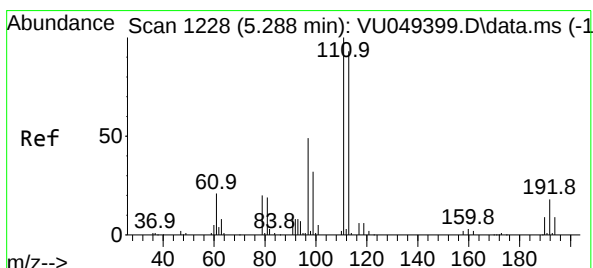
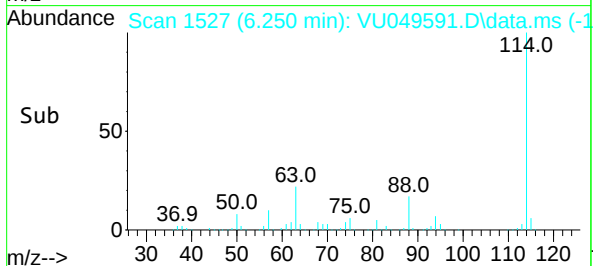
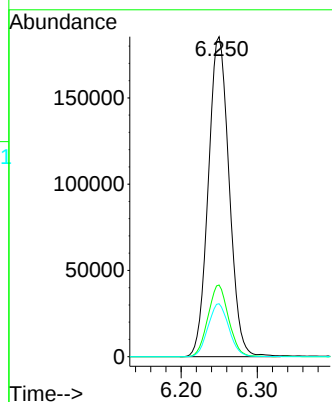
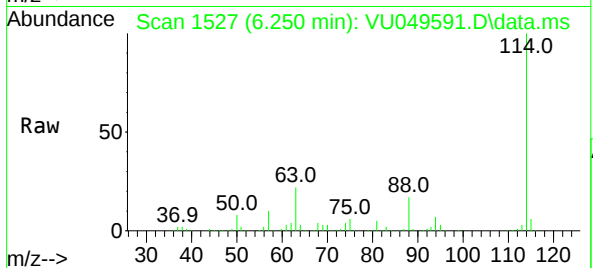
Tgt Ion:114 Resp: 352270

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 47.601 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049591.D

Acq: 01 Jul 2022 18:54

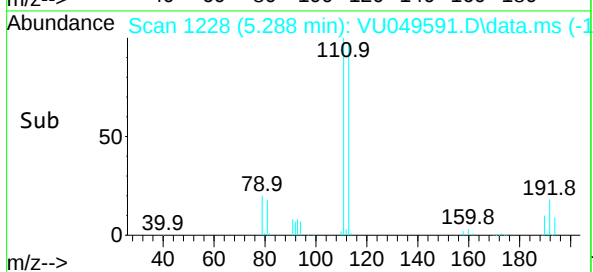
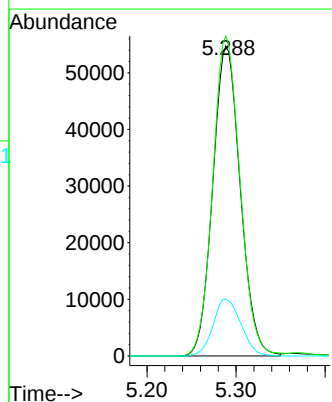
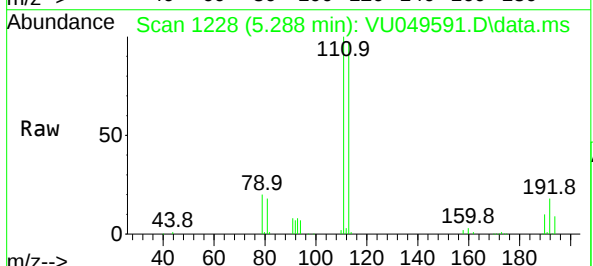
Tgt Ion:113 Resp: 117316

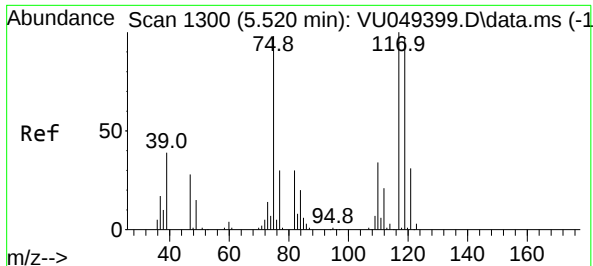
Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 18.6 18.0 27.0

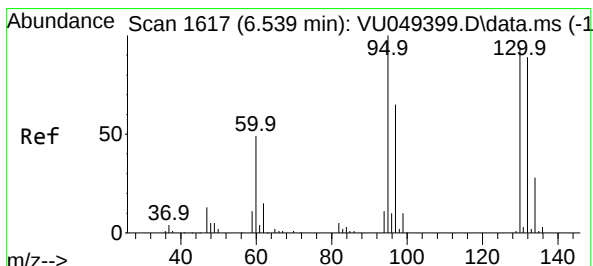
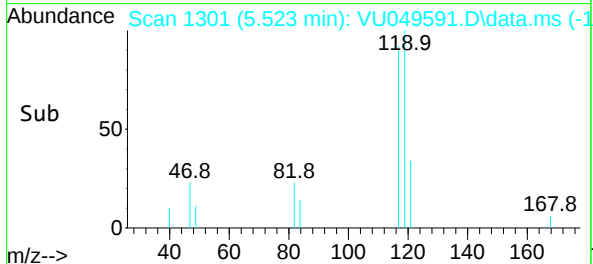
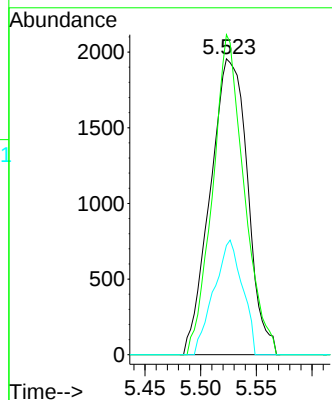
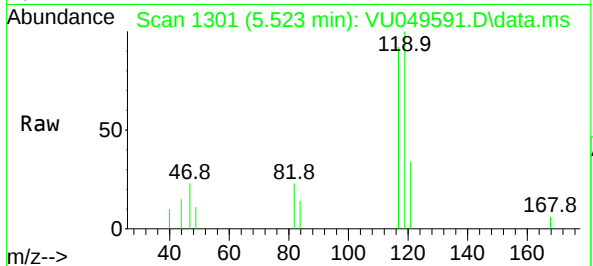




#38
Carbon Tetrachloride
Concen: 1.217 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

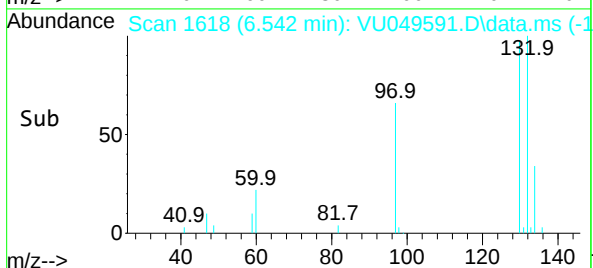
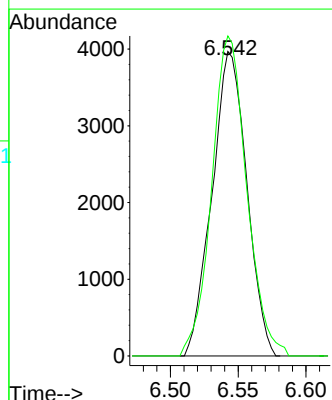
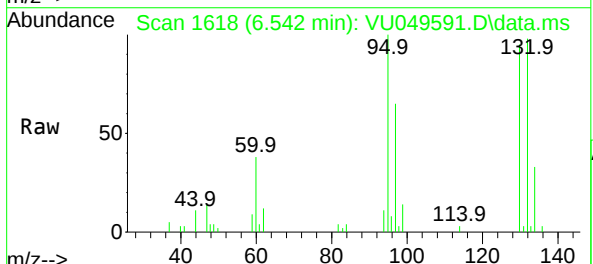
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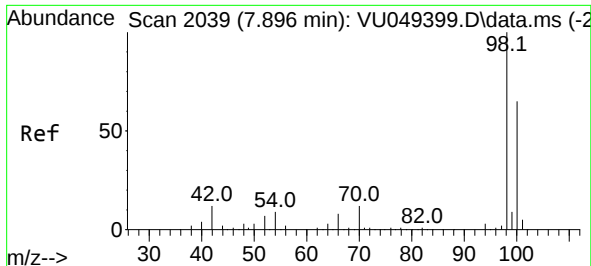
Tgt Ion:117 Resp: 4562
Ion Ratio Lower Upper
117 100
119 108.2 76.8 115.2
121 37.0 24.7 37.1



#44
Trichloroethene
Concen: 2.762 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion:130 Resp: 7083
Ion Ratio Lower Upper
130 100
95 105.1 0.0 184.6

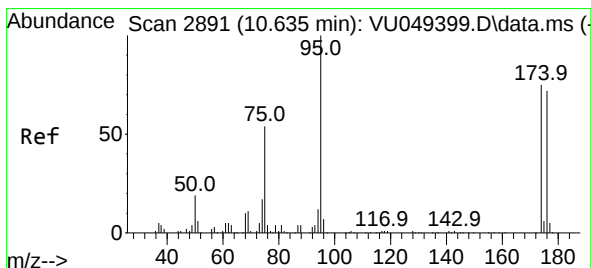
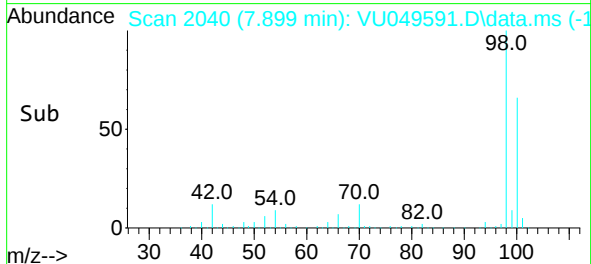
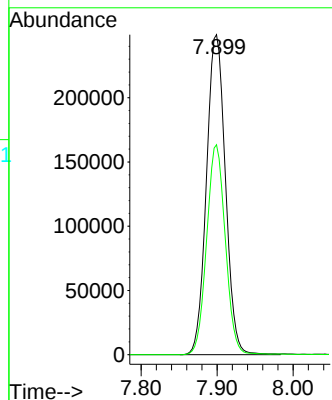
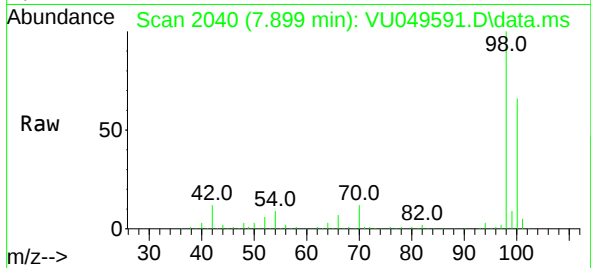




#50
Toluene-d8
Concen: 49.113 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

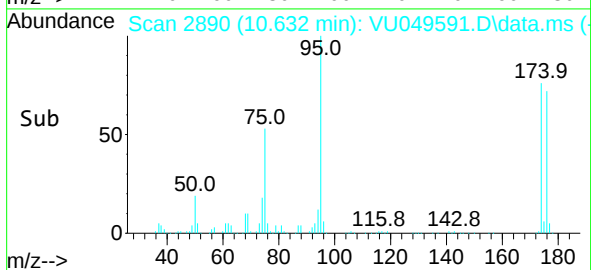
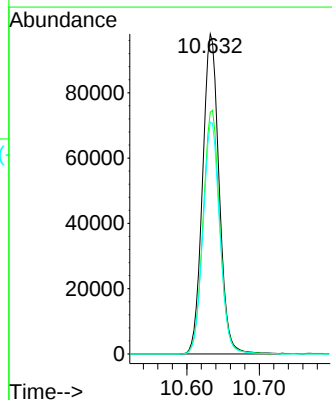
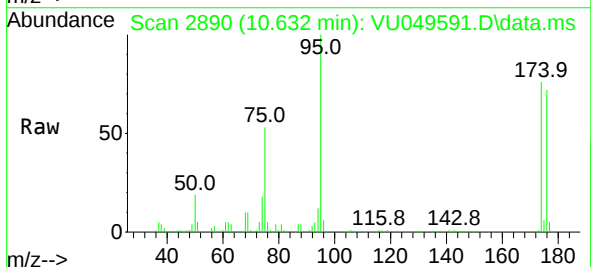
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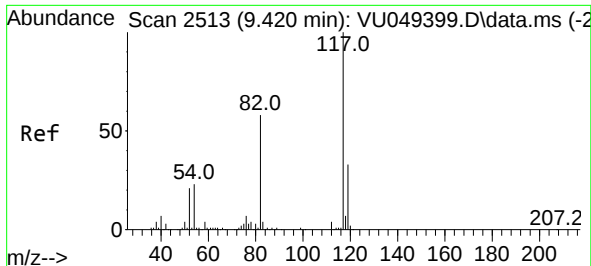
Tgt Ion: 98 Resp: 431725
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.174 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion: 95 Resp: 155482
Ion Ratio Lower Upper
95 100
174 77.1 0.0 182.0
176 73.2 0.0 177.8

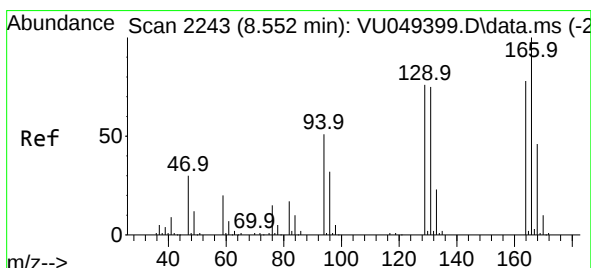
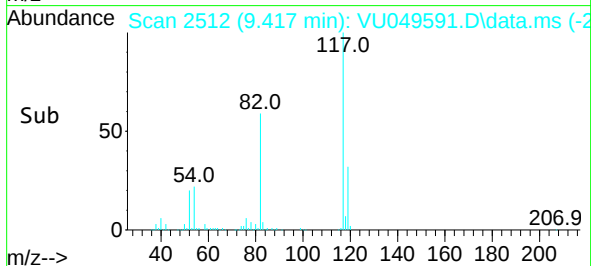
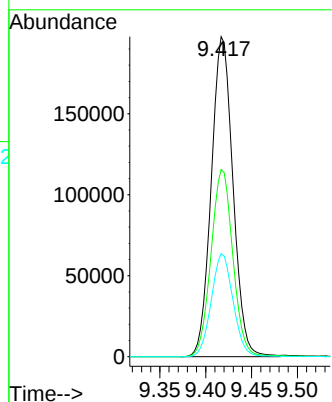
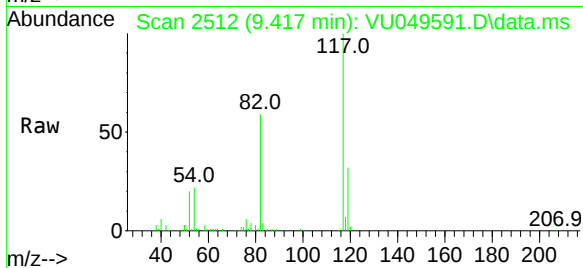




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

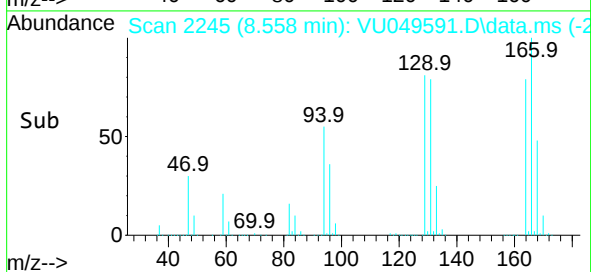
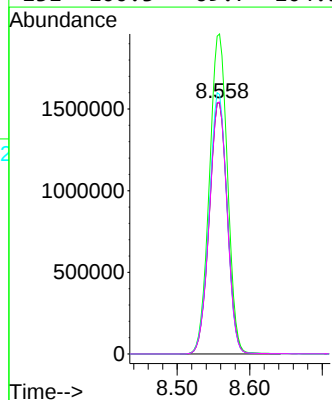
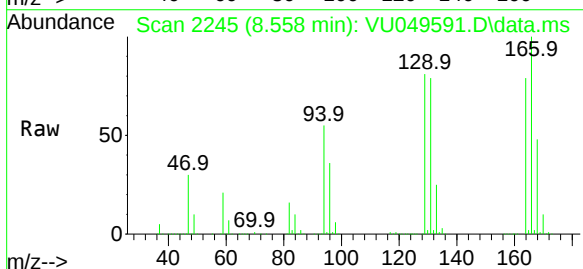
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-80

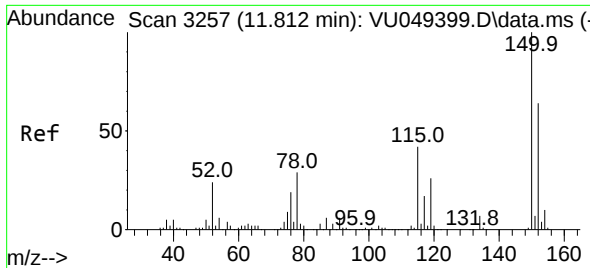
Tgt Ion:	117	Resp:	325687
Ion	Ratio	Lower	Upper
117	100		
82	58.5	41.7	62.5
119	32.2	25.7	38.5



#64
Tetrachloroethene
Concen: 1280.087 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.006 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion:	164	Resp:	2674021
Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.0	150.0
129	103.3	72.0	108.0
131	100.3	69.7	104.5

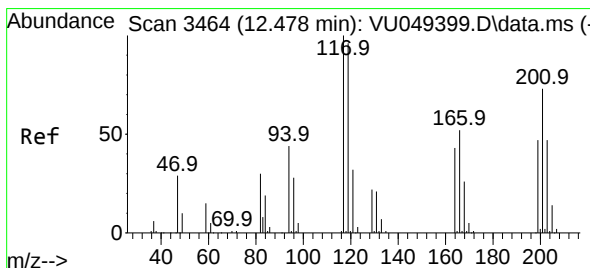
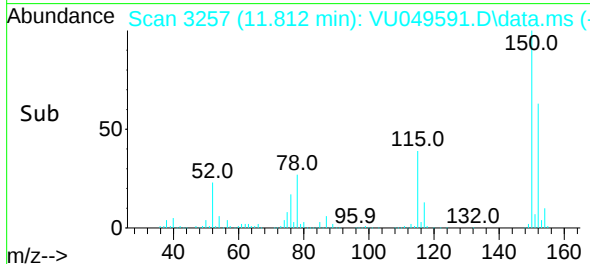
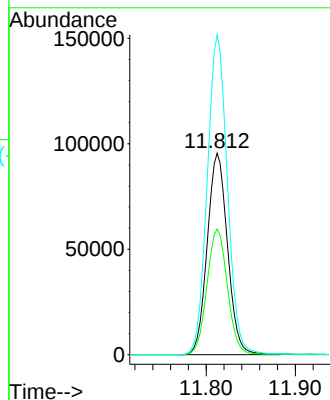
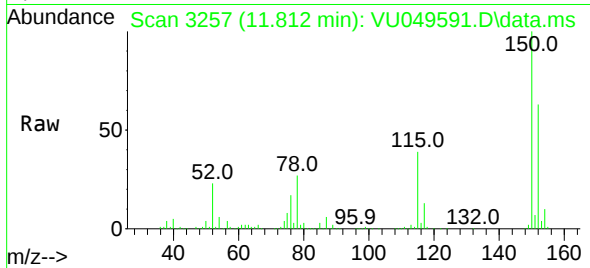




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-80

Tgt Ion:152 Resp: 150894
Ion Ratio Lower Upper
152 100
115 63.0 37.0 110.9
150 157.7 0.0 342.2



#90
Hexachloroethane
Concen: 13.411 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU049591.D
Acq: 01 Jul 2022 18:54

Tgt Ion:117 Resp: 25069
Ion Ratio Lower Upper
117 100
201 77.6 44.6 134.0

