

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048941.D
 Acq On : 08 Jun 2022 04:11
 Operator : SY/MD
 Sample : N3166-26 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BRP-2-20220601

Quant Time: Jun 08 09:16:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

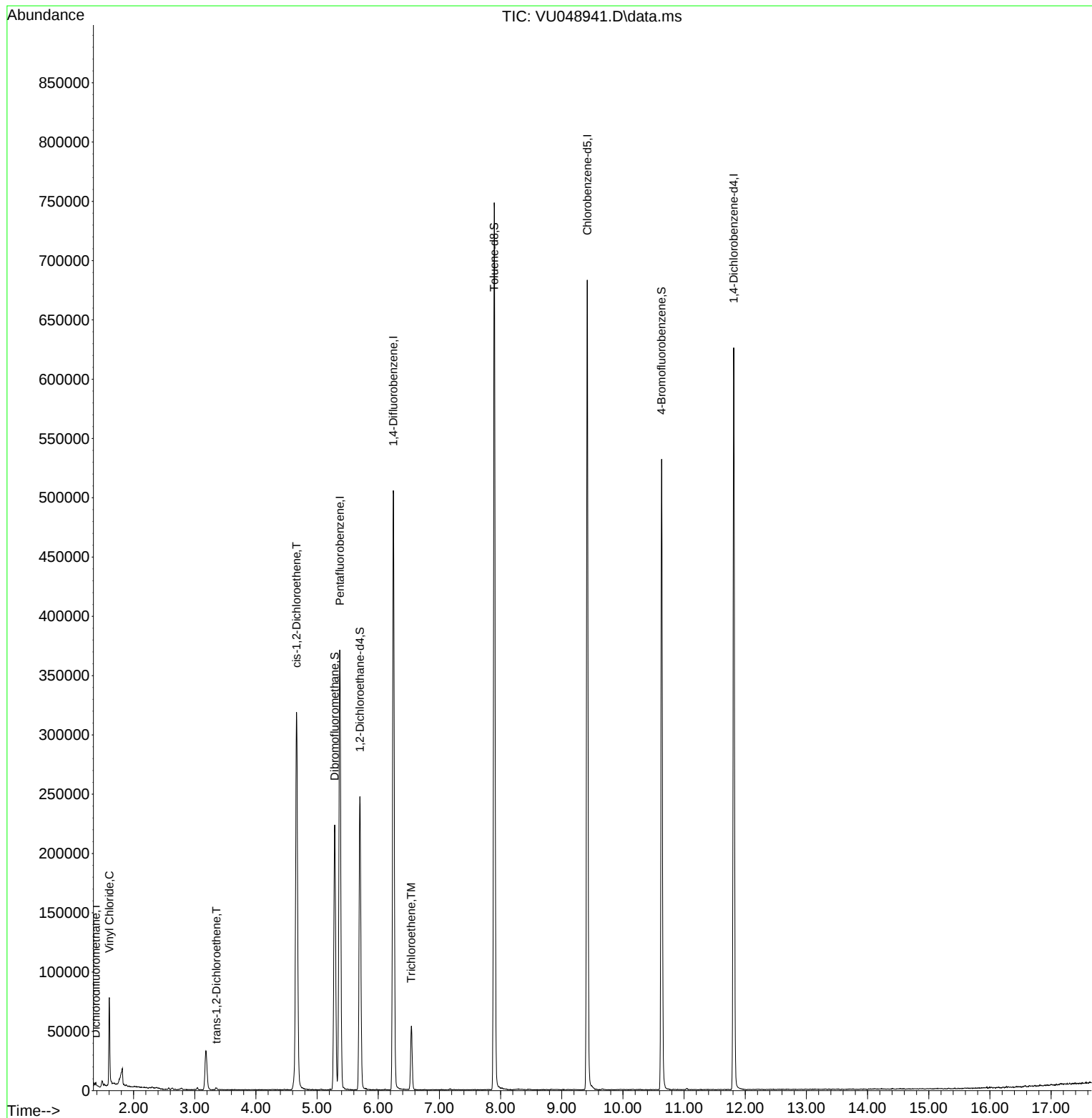
Internal Standards						
1) Pentafluorobenzene	5.372	168	251724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	401091	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	378554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	191120	50.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.120%
35) Dibromofluoromethane	5.289	113	143010	49.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	7.896	98	489293	47.702	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	10.632	95	175155	45.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	1315	0.456	ug/l	99
4) Vinyl Chloride	1.604	62	50962	14.832	ug/l	100
21) trans-1,2-Dichloroethene	3.353	96	771	0.263	ug/l	85
27) cis-1,2-Dichloroethene	4.665	96	166060	48.953	ug/l	88
44) Trichloroethene	6.539	130	17743	5.586	ug/l	100

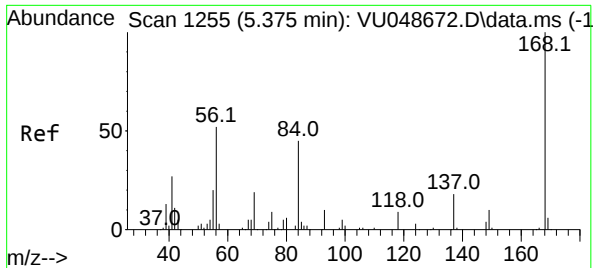
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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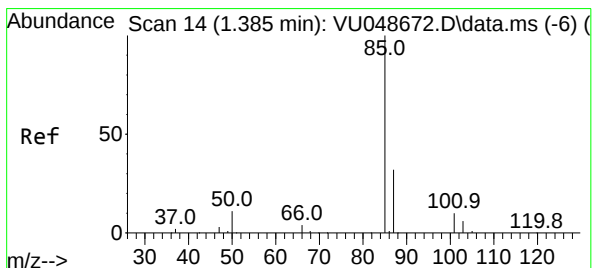
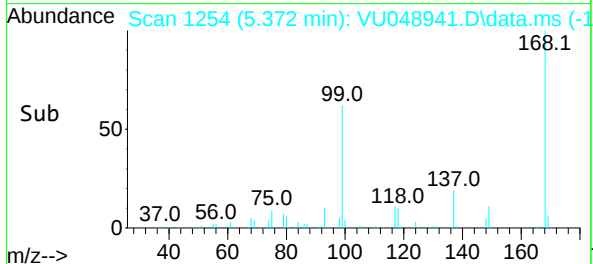
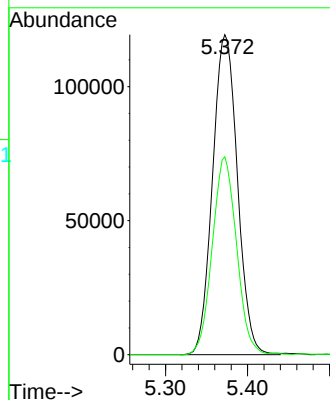
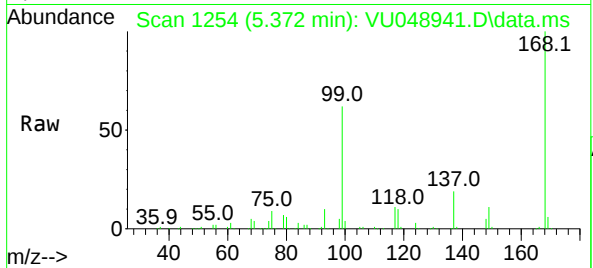




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

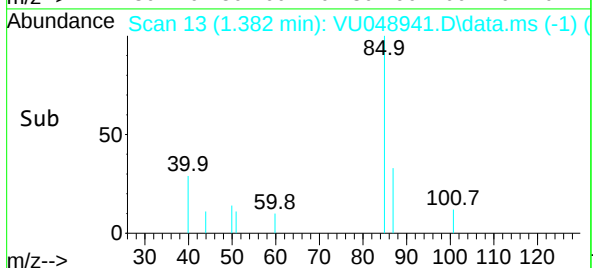
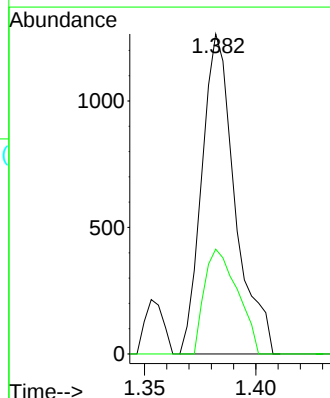
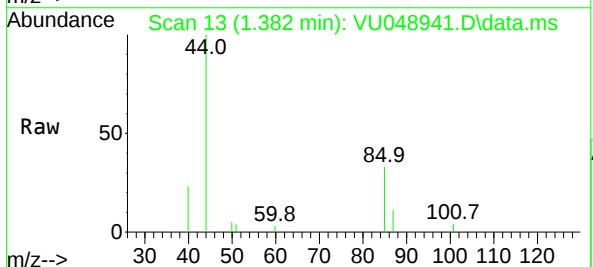
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

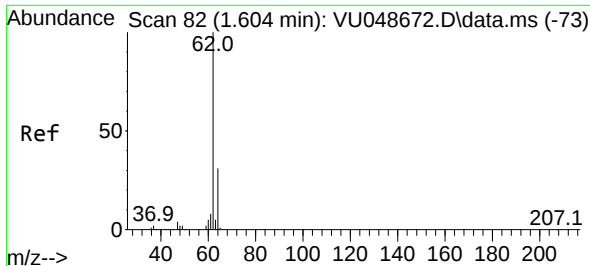
Tgt Ion:168 Resp: 251724
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.456 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 85 Resp: 1315
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

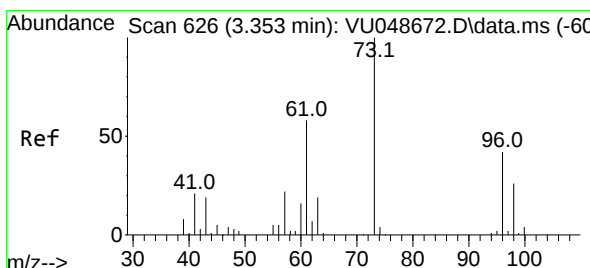
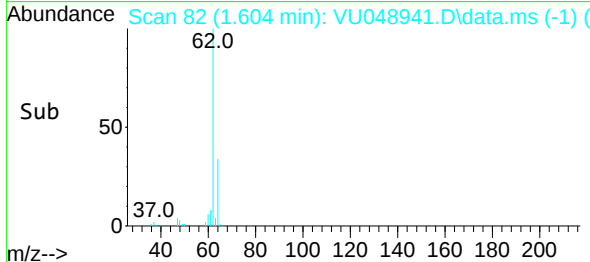
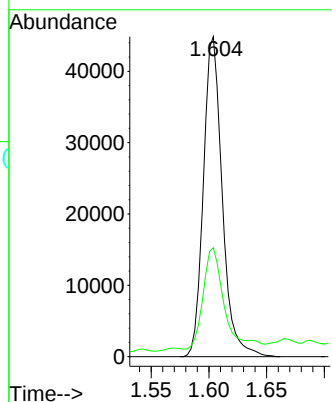
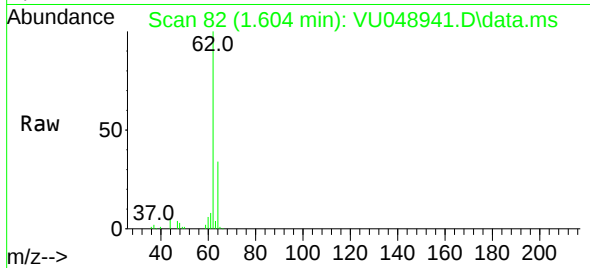




#4
 Vinyl Chloride
 Concen: 14.832 ug/l
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

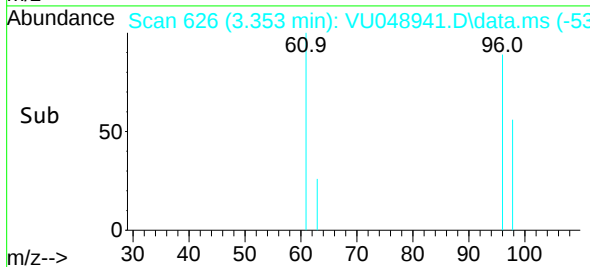
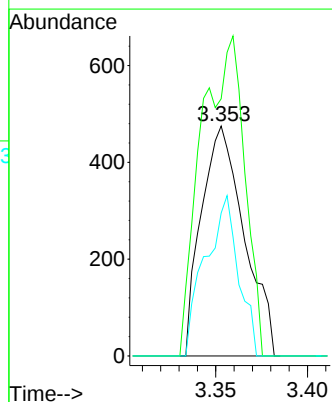
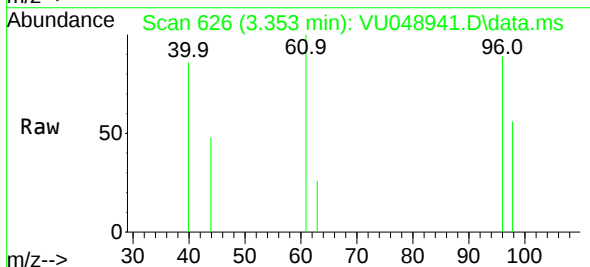
Instrument :
 MSVOA_U
 ClientSampleId :
 BRP-2-20220601

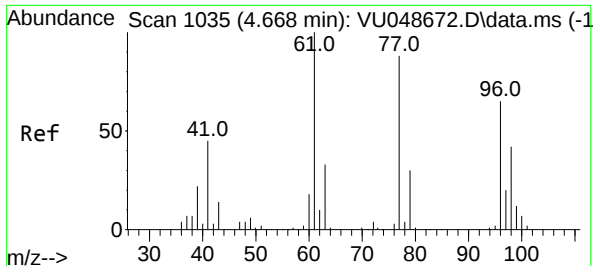
Tgt Ion: 62 Resp: 50962
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.2 37.8



#21
 trans-1,2-Dichloroethene
 Concen: 0.263 ug/l
 RT: 3.353 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

Tgt Ion: 96 Resp: 771
 Ion Ratio Lower Upper
 96 100
 61 111.8 109.4 164.2
 98 62.1 48.9 73.3

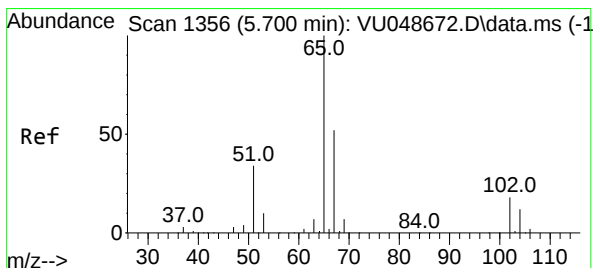
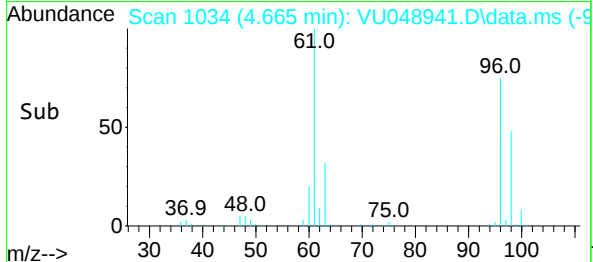
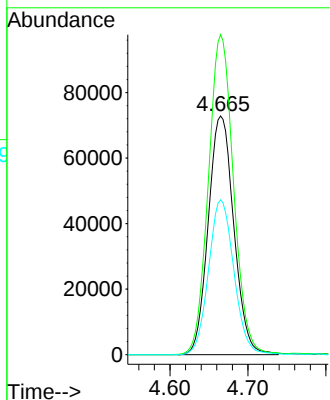
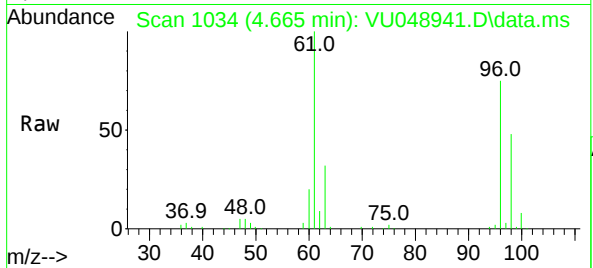




#27
 cis-1,2-Dichloroethene
 Concen: 48.953 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

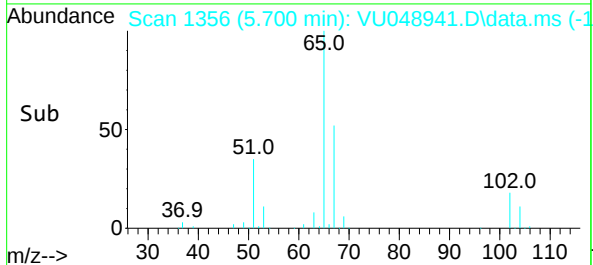
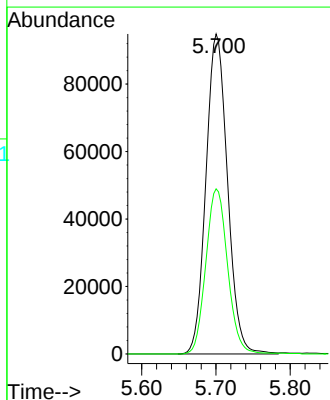
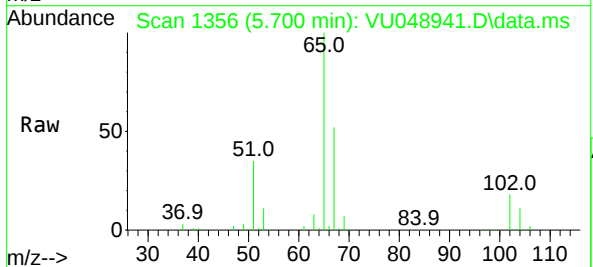
Instrument :
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 BRP-2-20220601

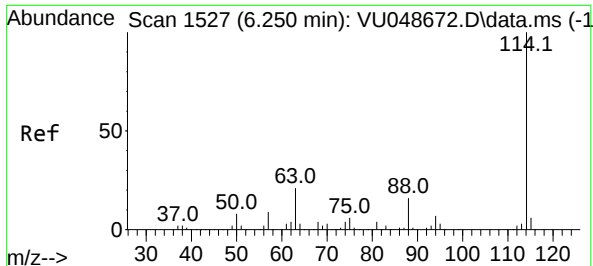
Tgt Ion: 96 Resp: 166060
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 306.2
 98 64.4 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.555 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

Tgt Ion: 65 Resp: 191120
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

Instrument :

MSVOA_U

ClientSampleId :

BRP-2-20220601

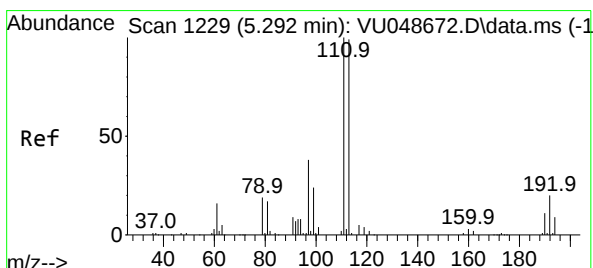
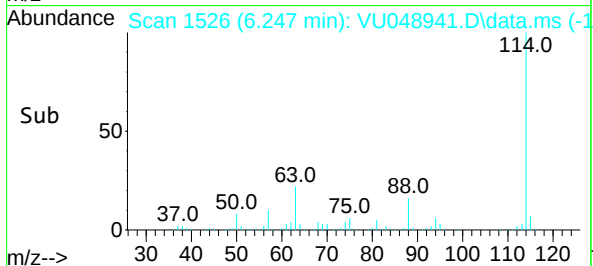
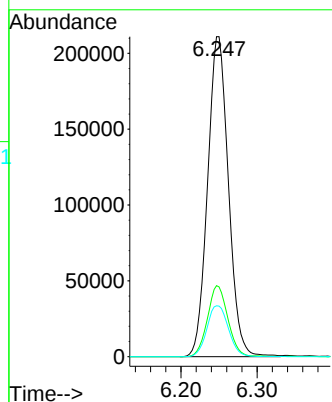
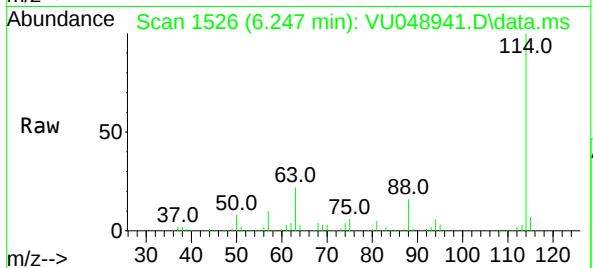
Tgt Ion:114 Resp: 401091

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

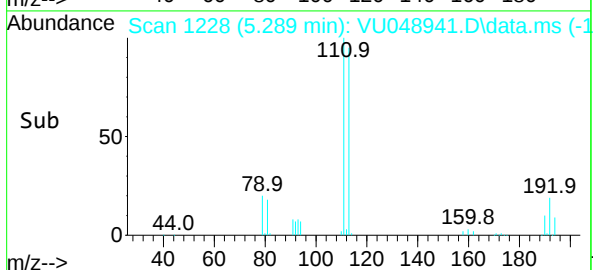
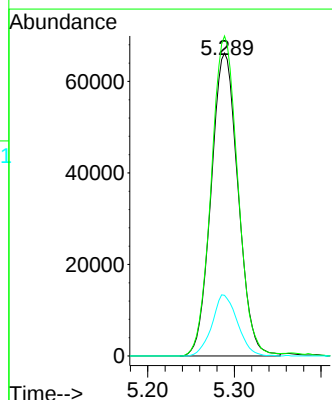
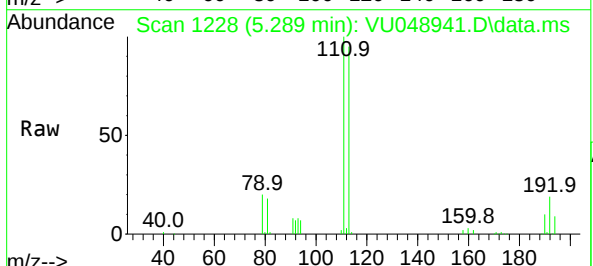
Tgt Ion:113 Resp: 143010

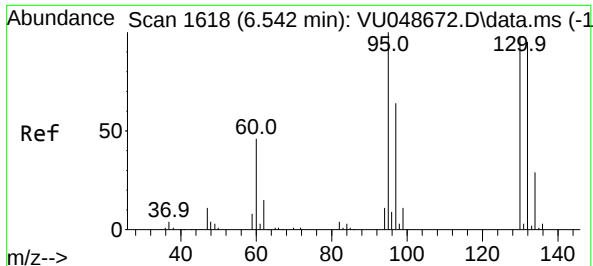
Ion Ratio Lower Upper

113 100

111 104.3 80.7 121.1

192 19.1 15.9 23.9

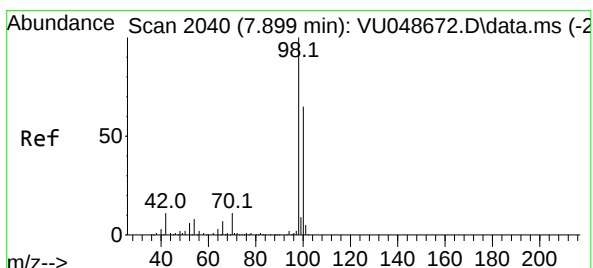
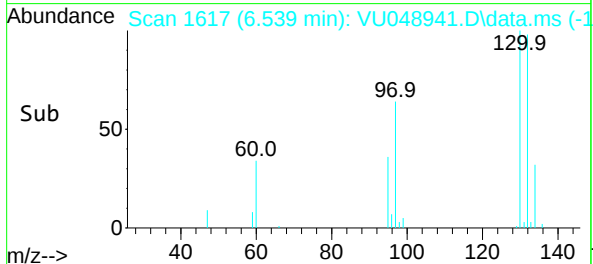
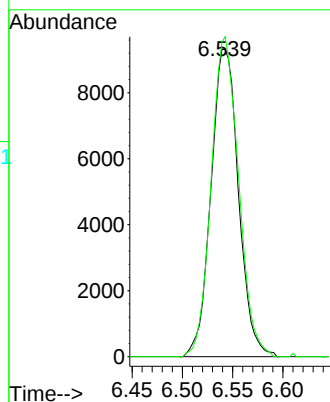
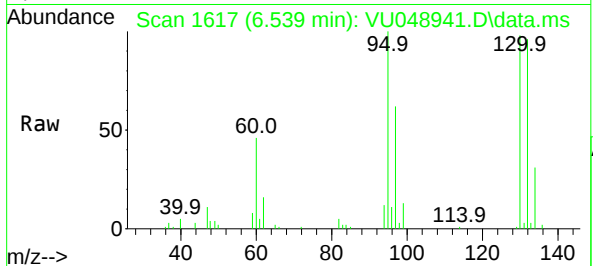




#44
Trichloroethene
Concen: 5.586 ug/l
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

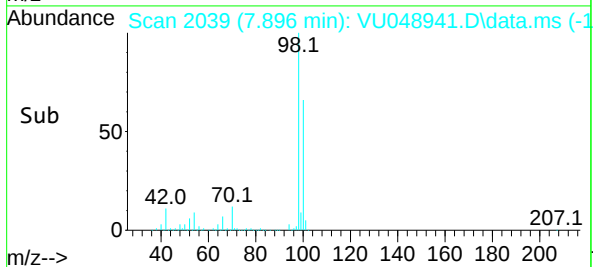
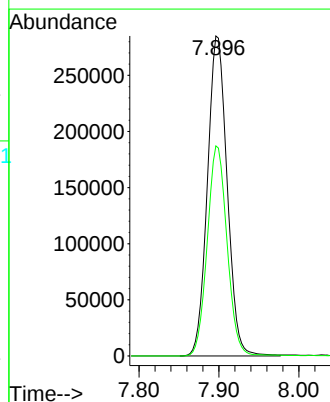
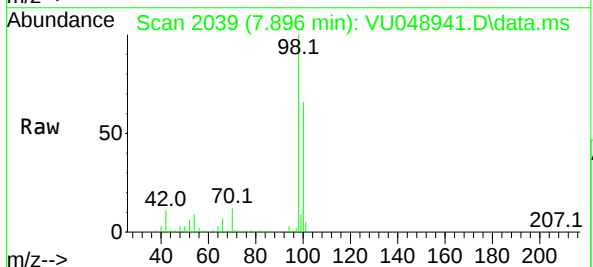
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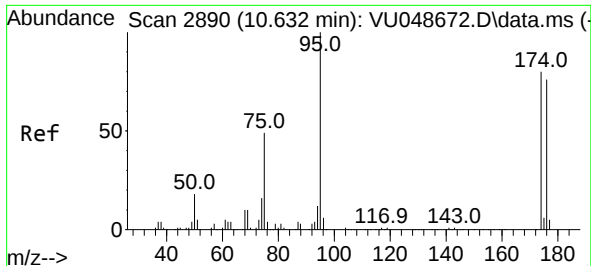
Tgt Ion:130 Resp: 17743
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.8



#50
Toluene-d8
Concen: 47.702 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 98 Resp: 489293
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

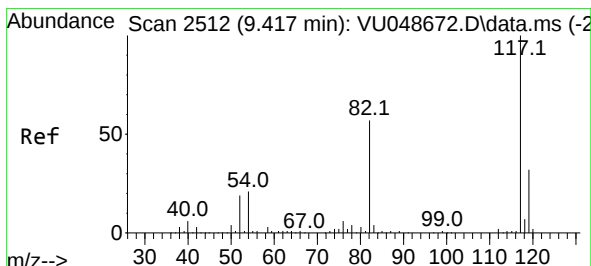
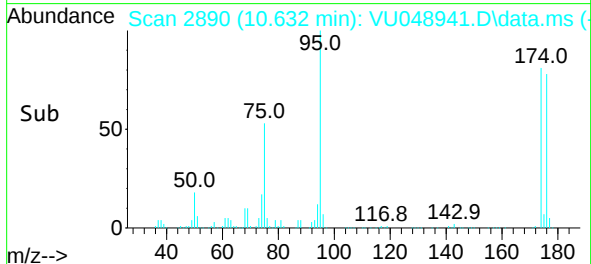
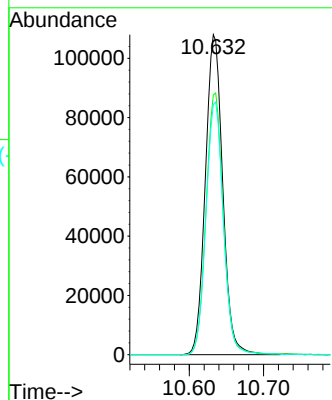
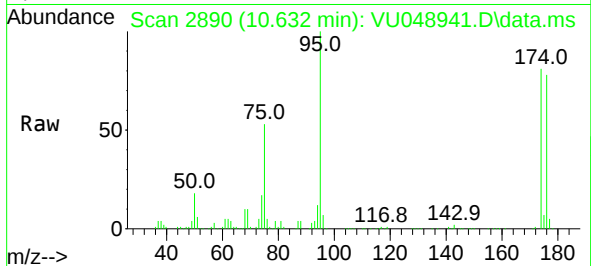




#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

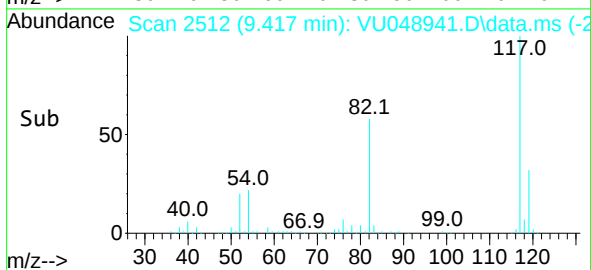
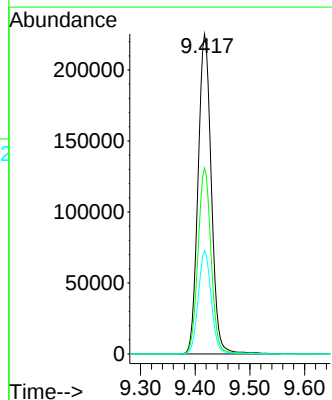
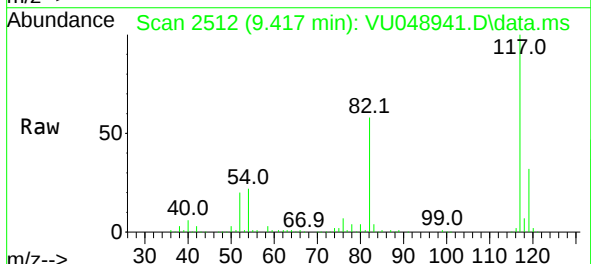
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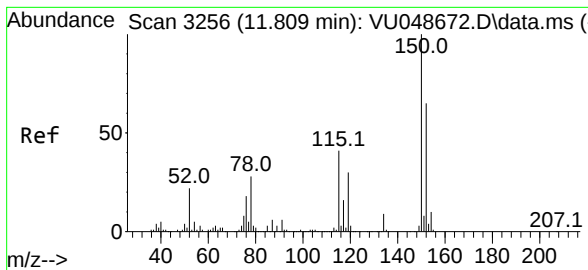
Tgt Ion: 95 Resp: 175155
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.4
176 78.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

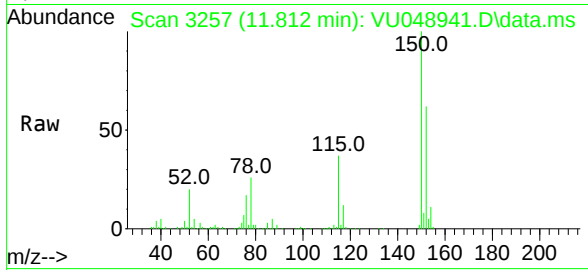
Tgt Ion: 117 Resp: 378554
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 32.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BRP-2-20220601



Tgt Ion:152 Resp: 166108
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.8 125.4
 150 158.9 0.0 341.0

