

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048931.D
 Acq On : 08 Jun 2022 00:16
 Operator : SY/MD
 Sample : N3164-17DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40BR-20220531DL

Quant Time: Jun 08 09:13:46 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)

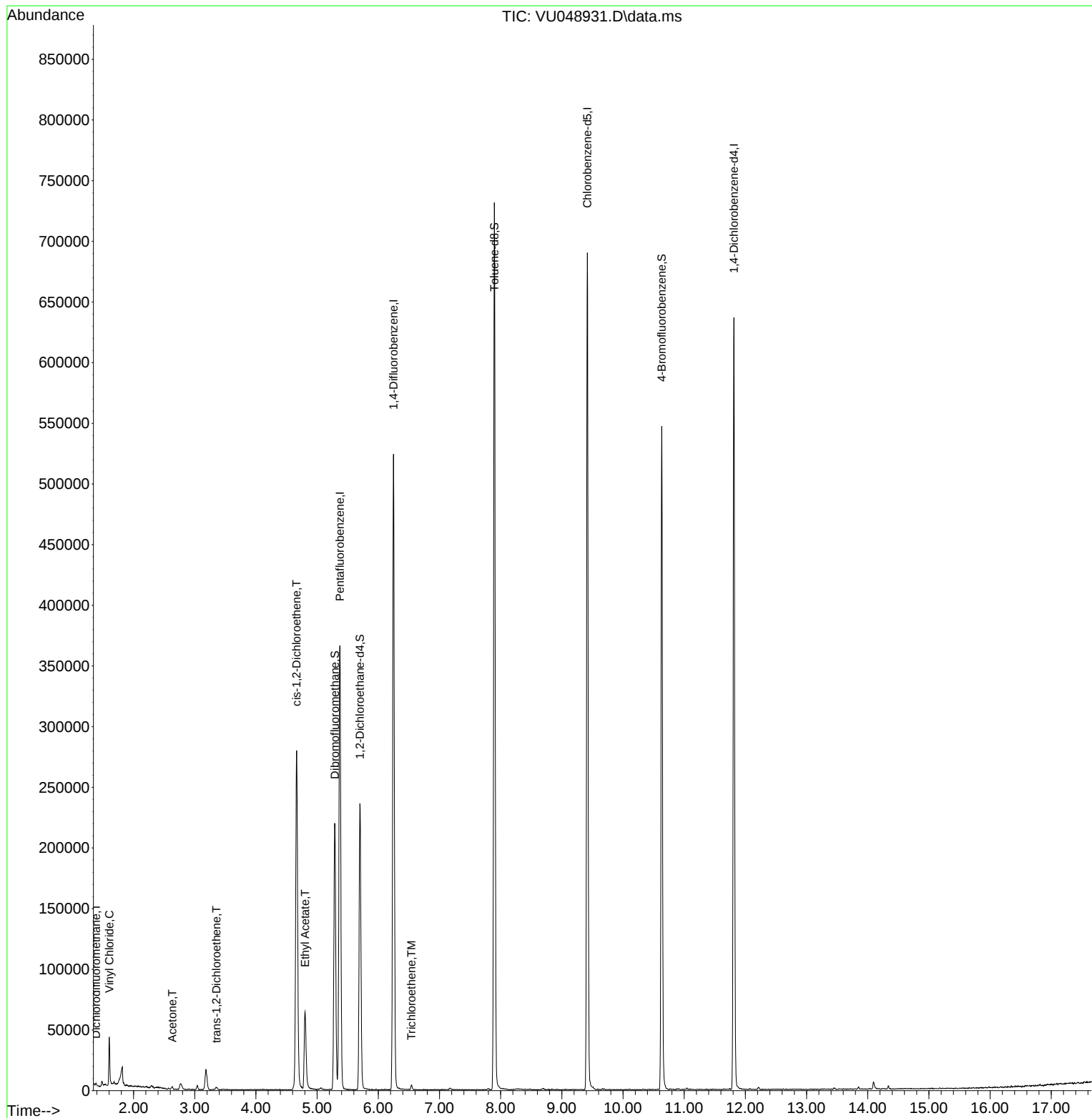
Internal Standards						
1) Pentafluorobenzene	5.372	168	248164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	415336	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	168983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182678	49.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.288	113	142783	48.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	7.896	98	484942	45.656	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.320%#
62) 4-Bromofluorobenzene	10.632	95	178959	44.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1058	0.372	ug/l	80
4) Vinyl Chloride	1.604	62	27180	8.024	ug/l	94
16) Acetone	2.633	43	2783	1.465	ug/l #	85
21) trans-1,2-Dichloroethene	3.356	96	983	0.340	ug/l	92
27) cis-1,2-Dichloroethene	4.665	96	145865	43.617	ug/l	88
37) Ethyl Acetate	4.803	43	85360	15.613	ug/l	99
44) Trichloroethene	6.542	130	1368	0.416	ug/l	95

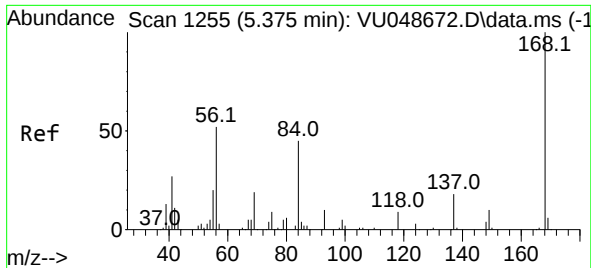
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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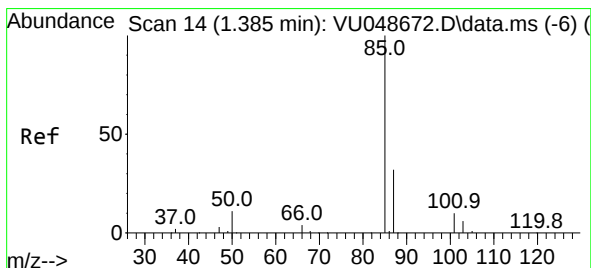
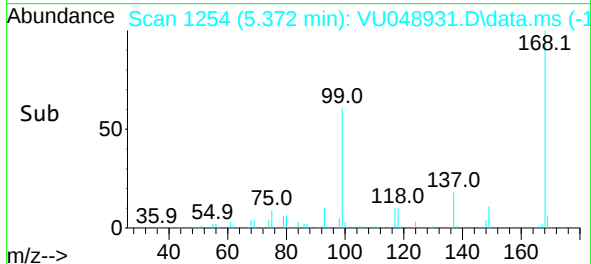
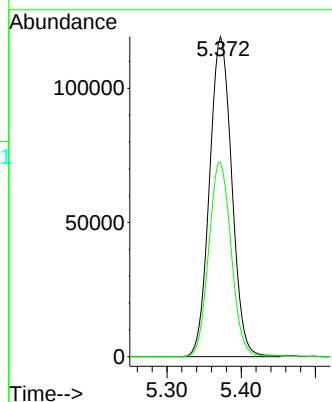
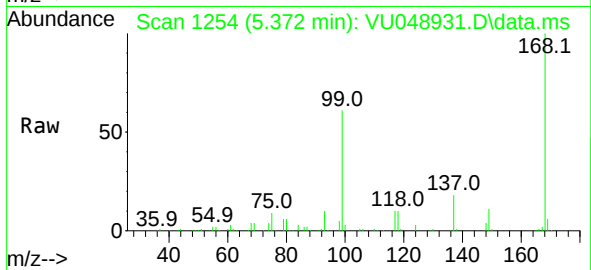




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

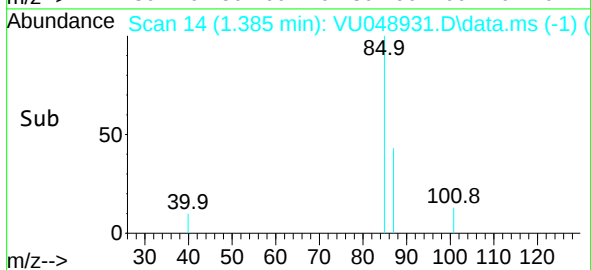
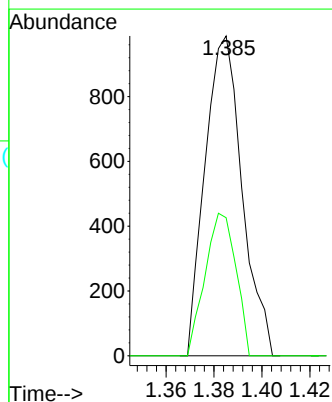
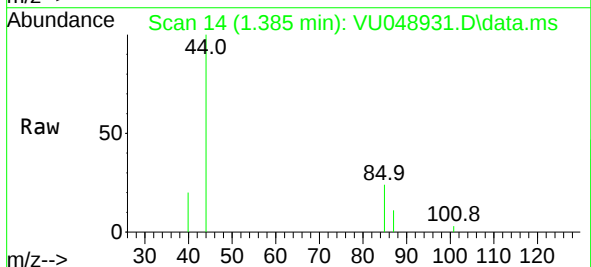
Instrument :
MSVOA_U
ClientSampleId :
40BR-20220531DL

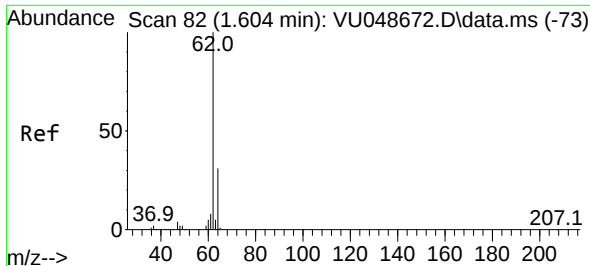
Tgt Ion:168 Resp: 248164
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.372 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

Tgt Ion: 85 Resp: 1058
Ion Ratio Lower Upper
85 100
87 43.2 16.0 48.0

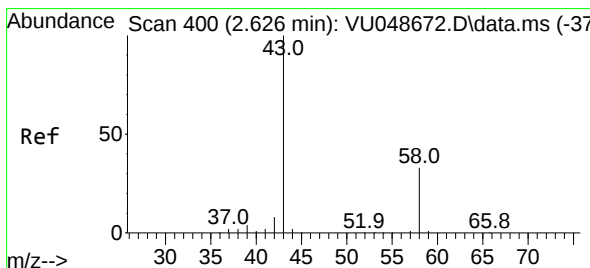
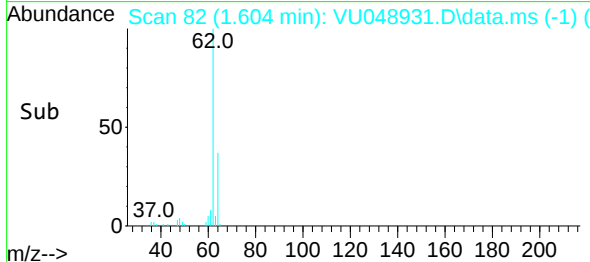
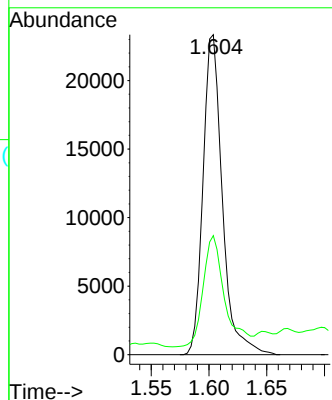
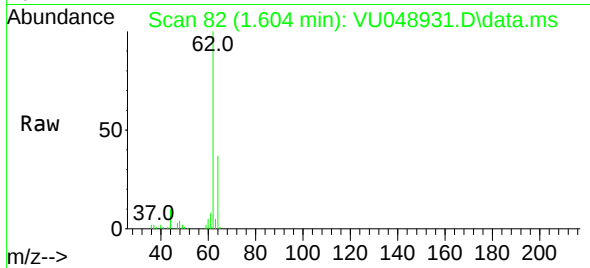




#4
 Vinyl Chloride
 Concen: 8.024 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048931.D
 Acq: 08 Jun 2022 00:16

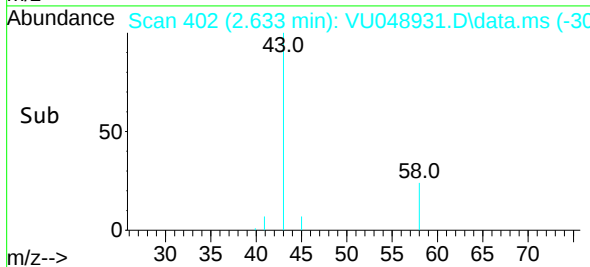
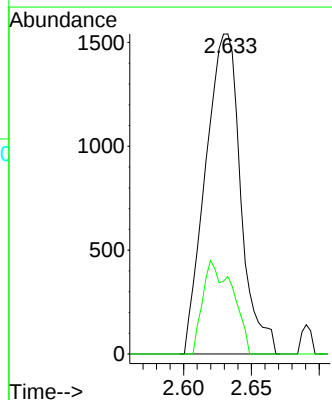
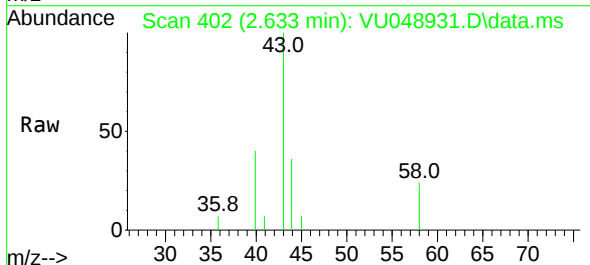
Instrument :
 MSVOA_U
 ClientSampleId :
 40BR-20220531DL

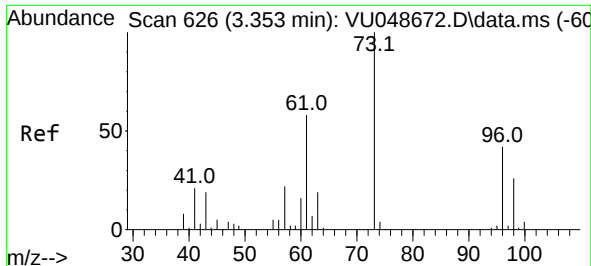
Tgt Ion: 62 Resp: 27180
 Ion Ratio Lower Upper
 62 100
 64 34.6 25.2 37.8



#16
 Acetone
 Concen: 1.465 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: VU048931.D
 Acq: 08 Jun 2022 00:16

Tgt Ion: 43 Resp: 2783
 Ion Ratio Lower Upper
 43 100
 58 24.2 26.3 39.5#

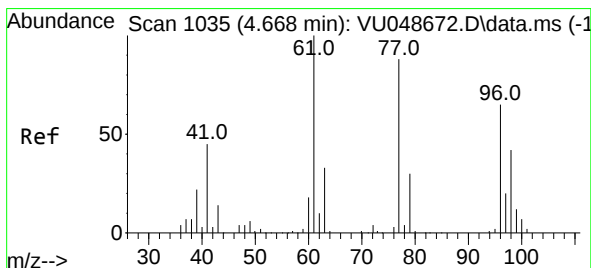
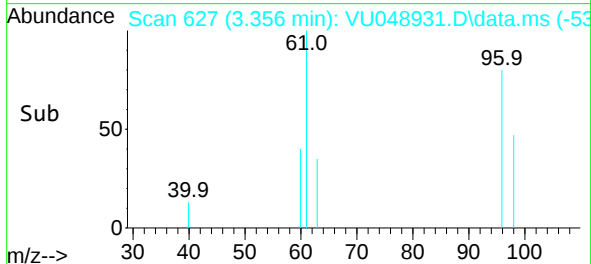
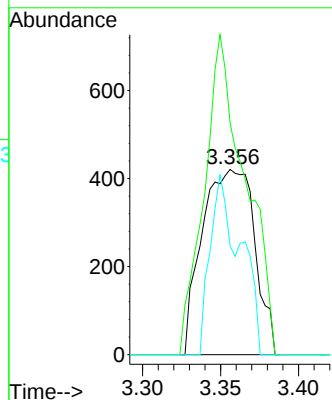
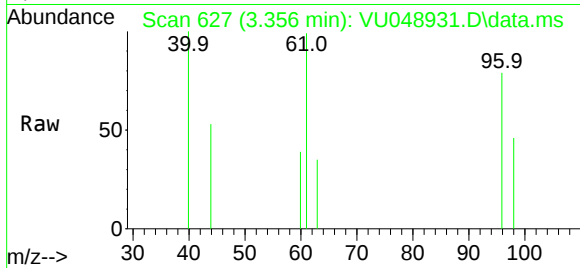




#21
trans-1,2-Dichloroethene
Concen: 0.340 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

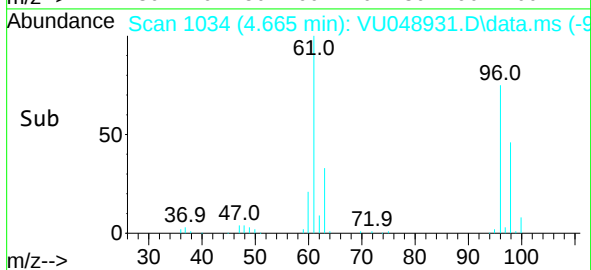
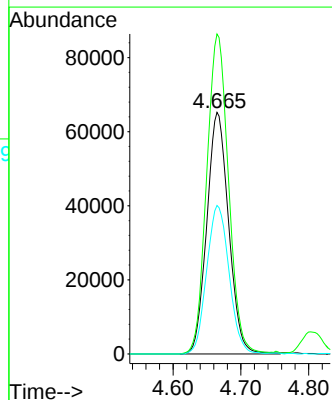
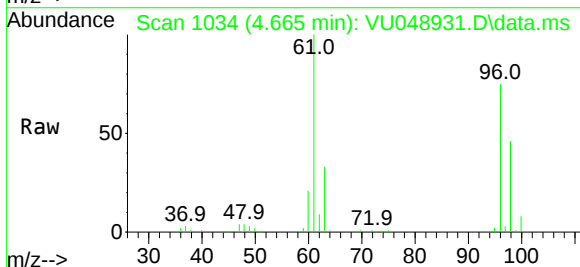
Instrument :
MSVOA_U
ClientSampleId :
40BR-20220531DL

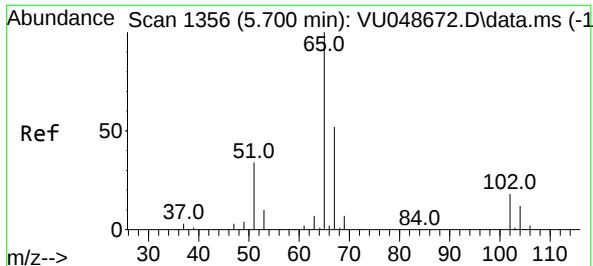
Tgt Ion: 96 Resp: 983
Ion Ratio Lower Upper
96 100
61 124.9 109.4 164.2
98 58.7 48.9 73.3



#27
cis-1,2-Dichloroethene
Concen: 43.617 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

Tgt Ion: 96 Resp: 145865
Ion Ratio Lower Upper
96 100
61 132.2 0.0 306.2
98 63.0 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 49.015 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048931.D

Acq: 08 Jun 2022 00:16

Instrument :

MSVOA_U

ClientSampleId :

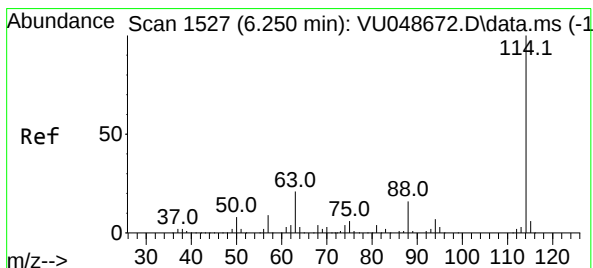
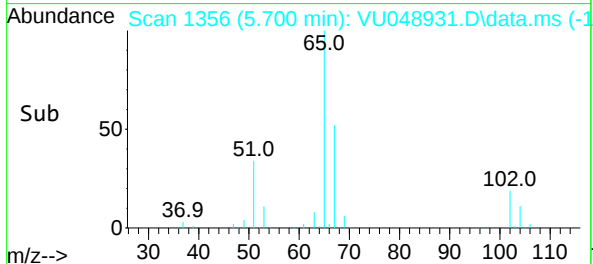
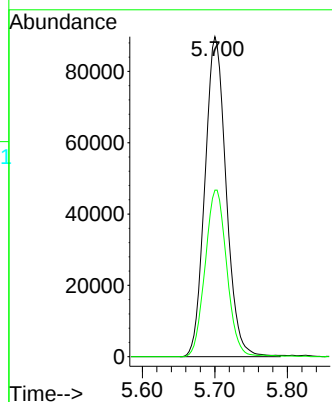
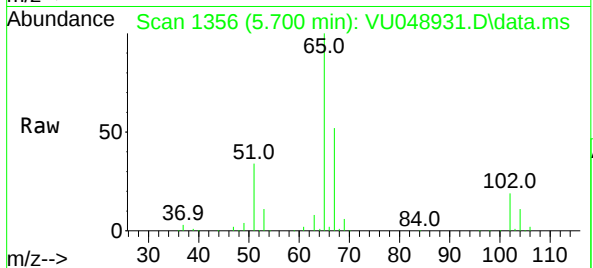
40BR-20220531DL

Tgt Ion: 65 Resp: 182678

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048931.D

Acq: 08 Jun 2022 00:16

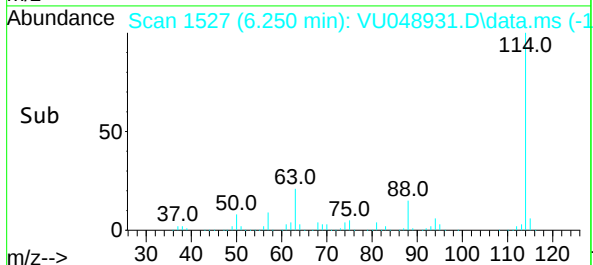
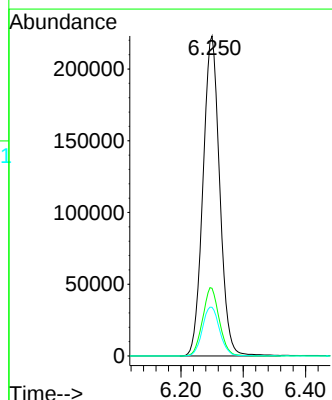
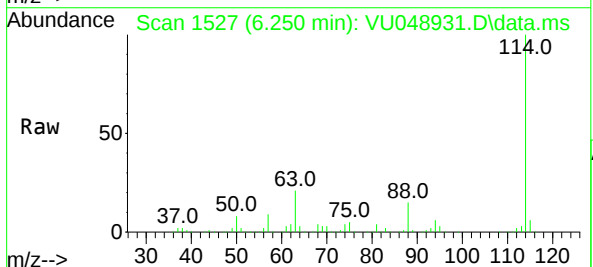
Tgt Ion: 114 Resp: 415336

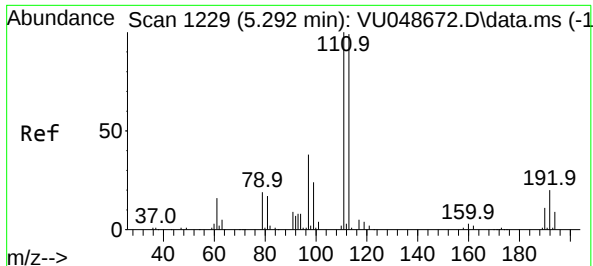
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

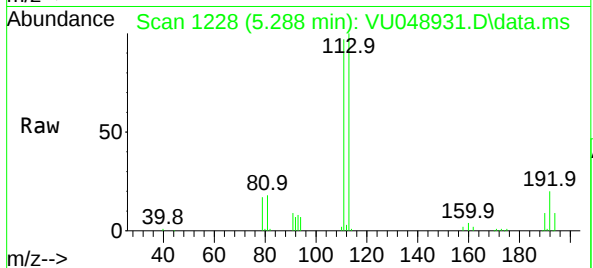
88 15.2 0.0 32.2



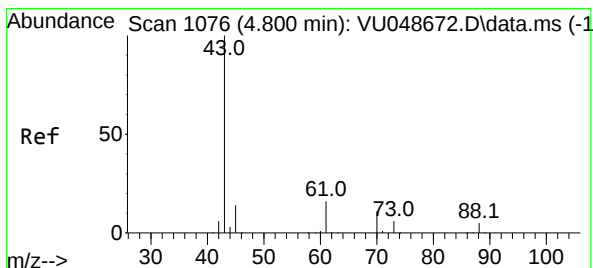
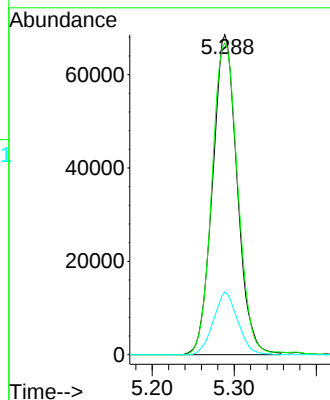
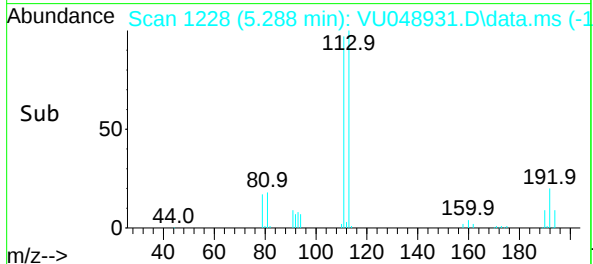


#35
Dibromofluoromethane
Concen: 48.187 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

Instrument :
MSVOA_U
ClientSampleId :
40BR-20220531DL

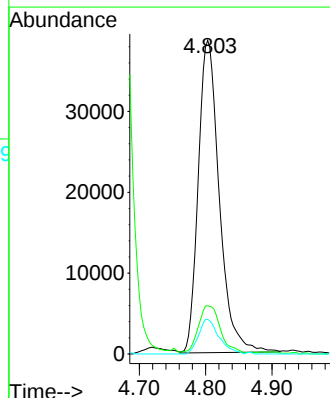
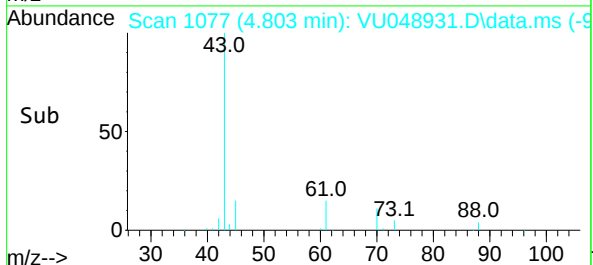
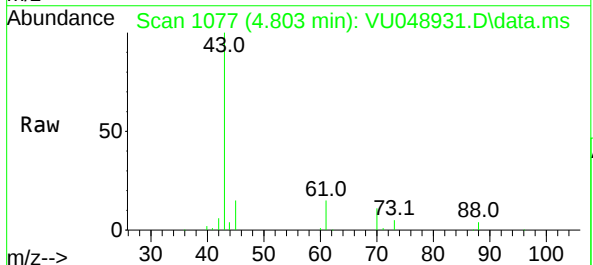


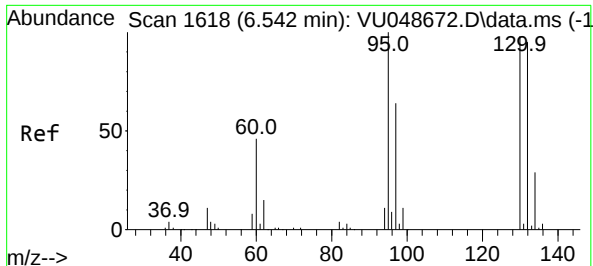
Tgt Ion:113 Resp: 142783
Ion Ratio Lower Upper
113 100
111 101.7 80.7 121.1
192 19.3 15.9 23.9



#37
Ethyl Acetate
Concen: 15.613 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

Tgt Ion: 43 Resp: 85360
Ion Ratio Lower Upper
43 100
61 15.4 11.7 17.5
70 10.7 8.4 12.6

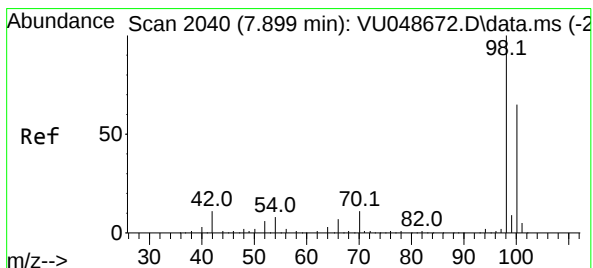
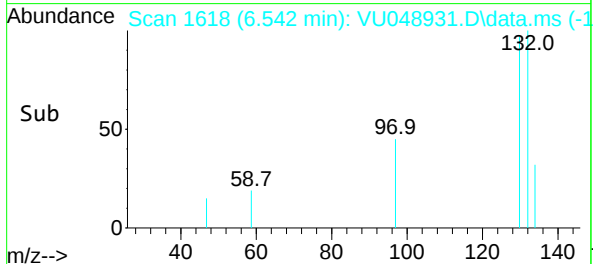
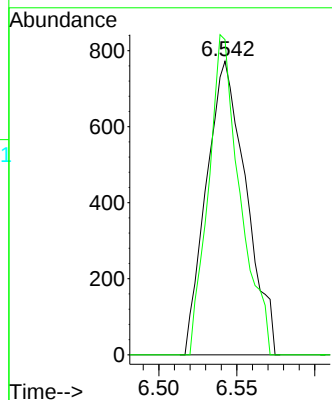
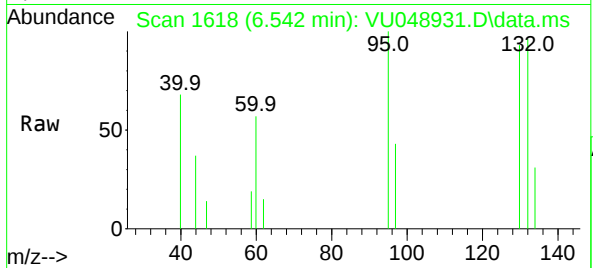




#44
Trichloroethene
Concen: 0.416 ug/l
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

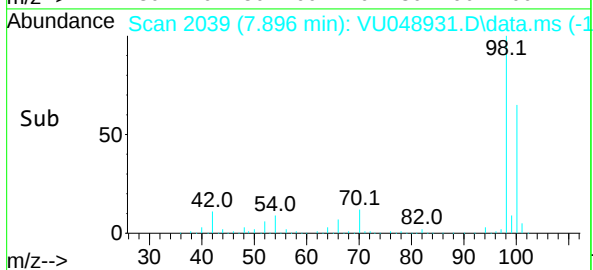
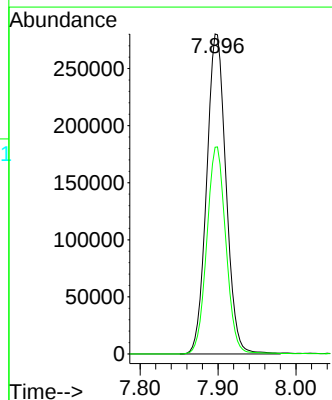
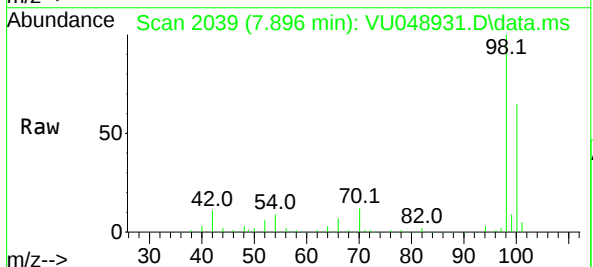
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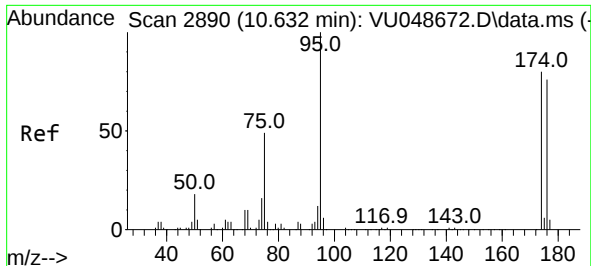
Tgt Ion:130 Resp: 1368
Ion Ratio Lower Upper
130 100
95 107.4 0.0 204.8



#50
Toluene-d8
Concen: 45.656 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

Tgt Ion: 98 Resp: 484942
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4

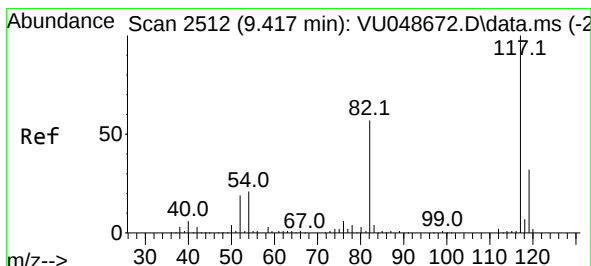
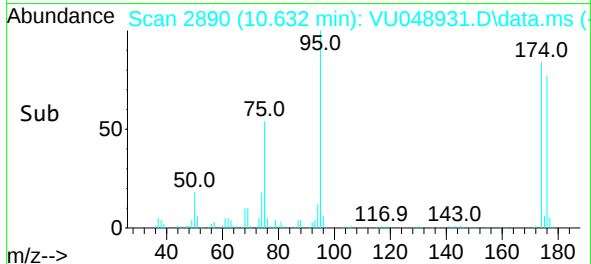
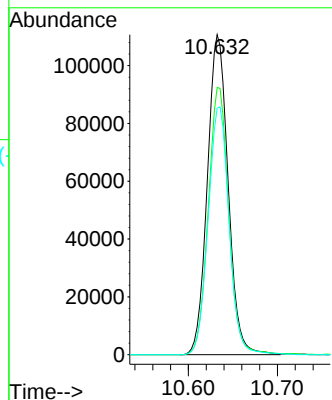
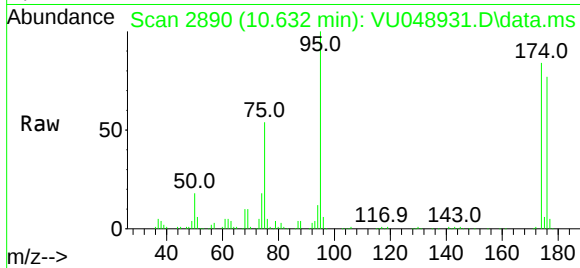




#62
4-Bromofluorobenzene
Concen: 44.550 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

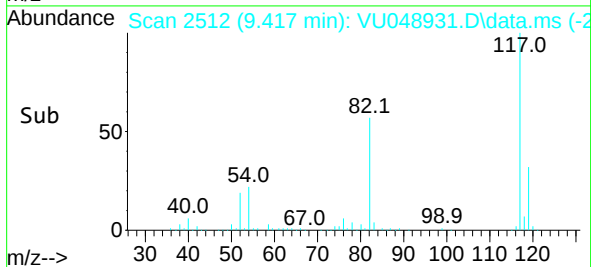
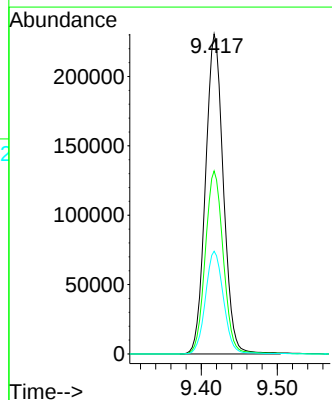
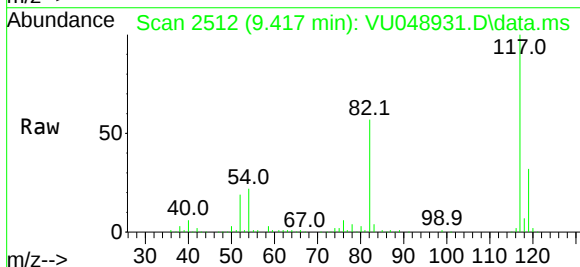
Instrument :
MSVOA_U
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40BR-20220531DL

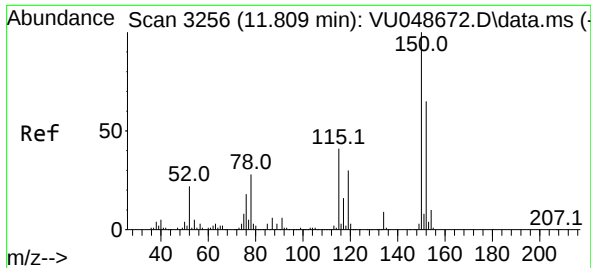
Tgt Ion: 95 Resp: 178959
Ion Ratio Lower Upper
95 100
174 82.6 0.0 159.4
176 78.1 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048931.D
Acq: 08 Jun 2022 00:16

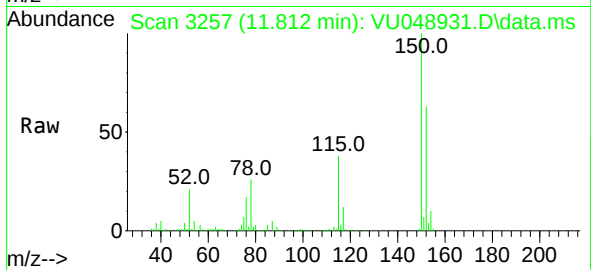
Tgt Ion: 117 Resp: 376999
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048931.D
 Acq: 08 Jun 2022 00:16

Instrument :
 MSVOA_U
 ClientSampleId :
 40BR-20220531DL



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.8	125.4
150	158.4	0.0	341.0

