

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048945.D
 Acq On : 08 Jun 2022 05:45
 Operator : SY/MD
 Sample : N3166-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP04-20220531

Quant Time: Jun 08 09:18:02 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)

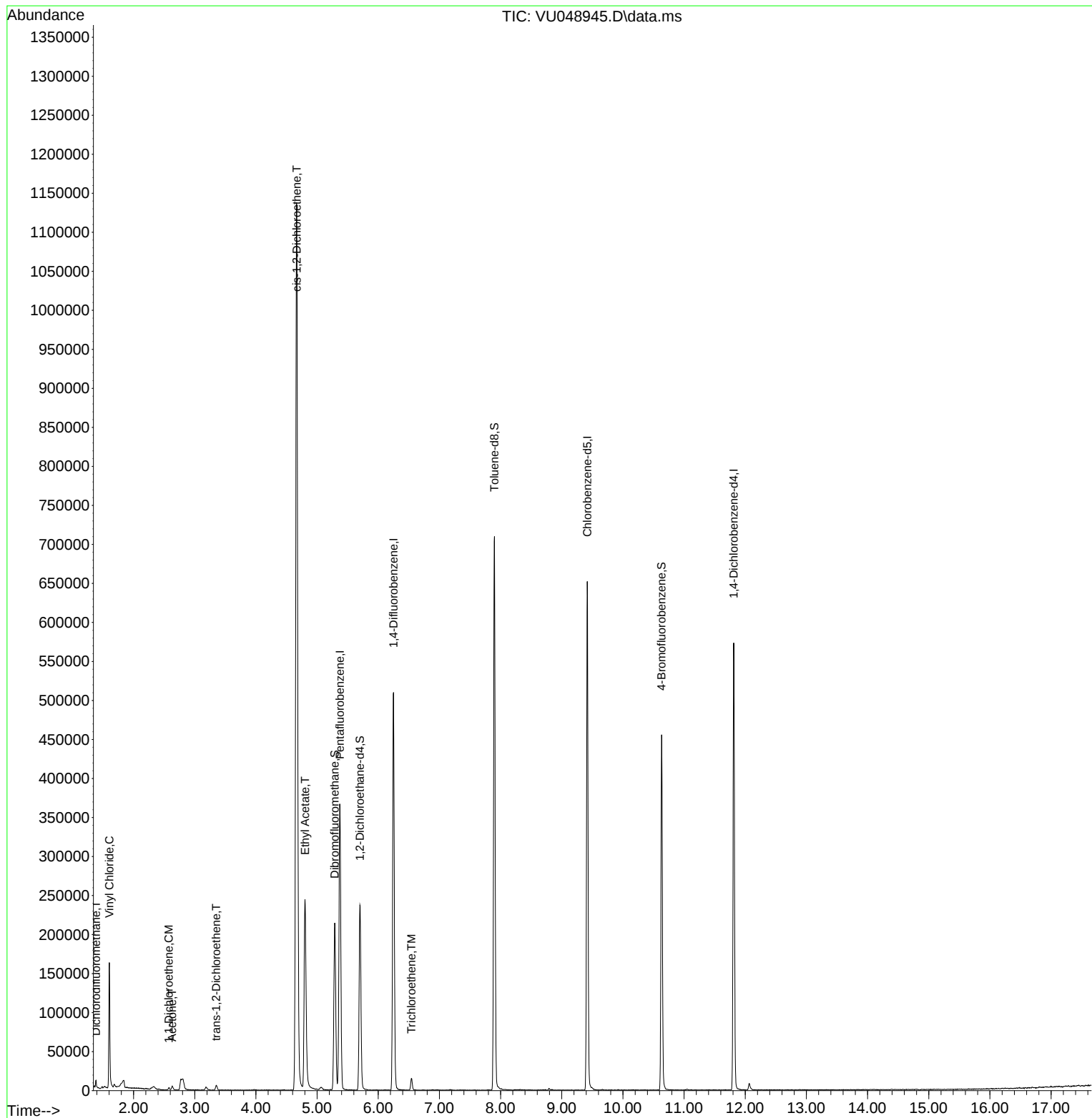
Internal Standards						
1) Pentafluorobenzene	5.372	168	247952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	404772	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	359241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	154439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	184137	49.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.289	113	136578	47.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	7.899	98	474251	45.815	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.620%#
62) 4-Bromofluorobenzene	10.632	95	151321	38.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5687	2.004	ug/l	99
4) Vinyl Chloride	1.604	62	112612	33.274	ug/l	99
12) 1,1-Dichloroethene	2.575	96	1017	0.403	ug/l	81
16) Acetone	2.629	43	6146	3.239	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	2790	0.966	ug/l	94
27) cis-1,2-Dichloroethene	4.668	96	594364	177.880	ug/l	88
37) Ethyl Acetate	4.803	43	330570	62.044	ug/l	99
44) Trichloroethene	6.542	130	5224	1.630	ug/l	100

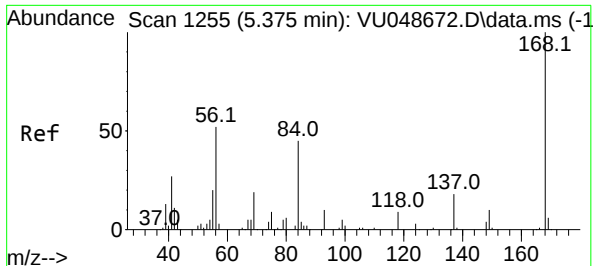
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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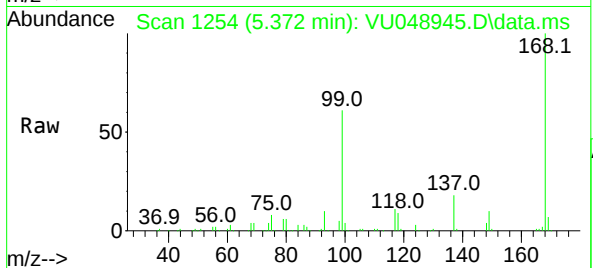
Quant Time: Jun 08 09:18:02 2022
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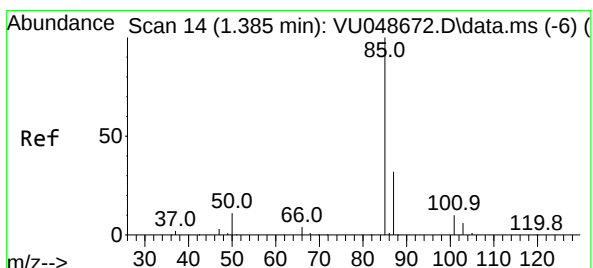
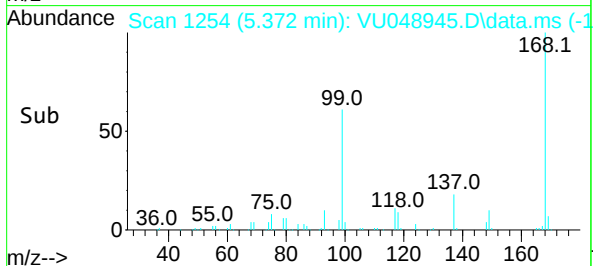
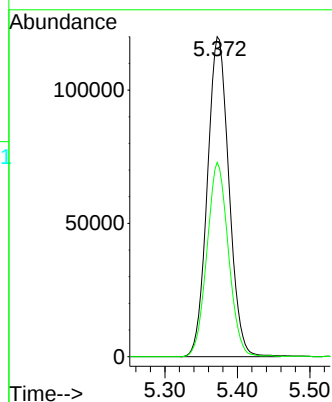


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220531

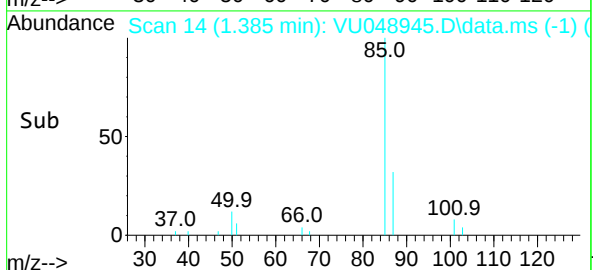
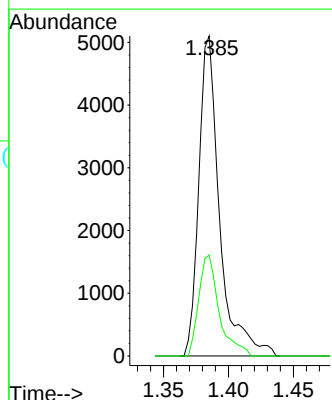
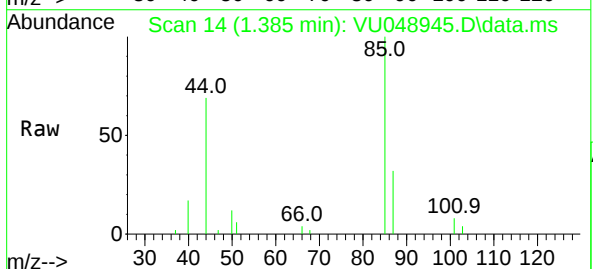


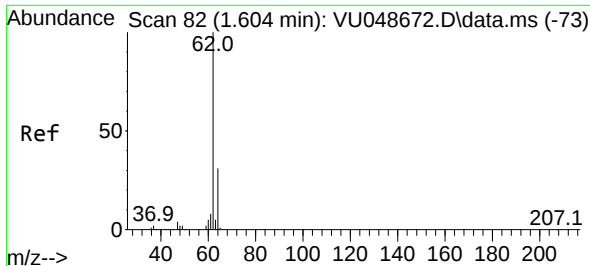
Tgt Ion:168 Resp: 247952
Ion Ratio Lower Upper
168 100
99 60.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 2.004 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

Tgt Ion: 85 Resp: 5687
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

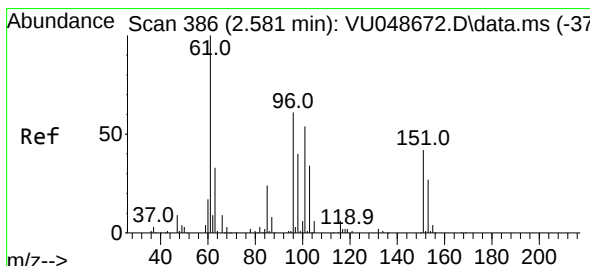
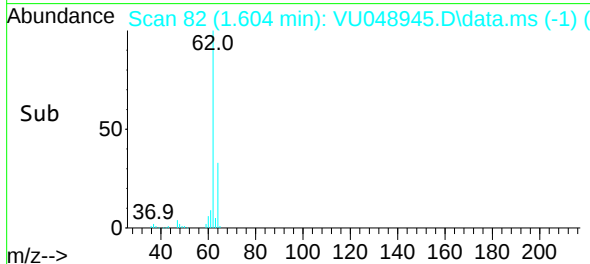
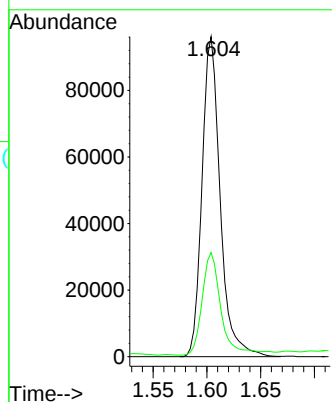
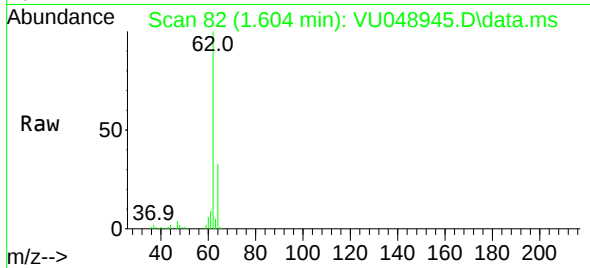




#4
 Vinyl Chloride
 Concen: 33.274 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048945.D
 Acq: 08 Jun 2022 05:45

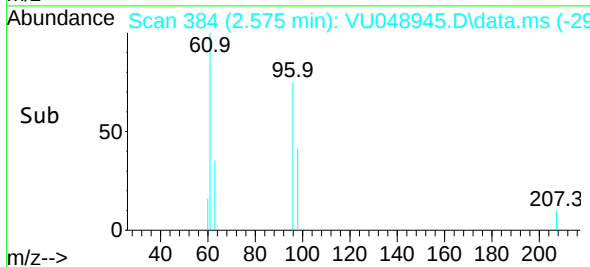
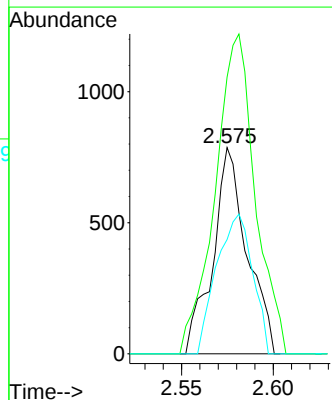
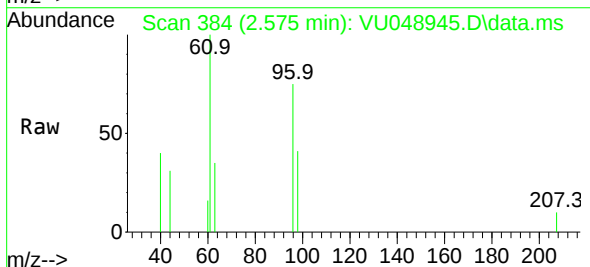
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP04-20220531

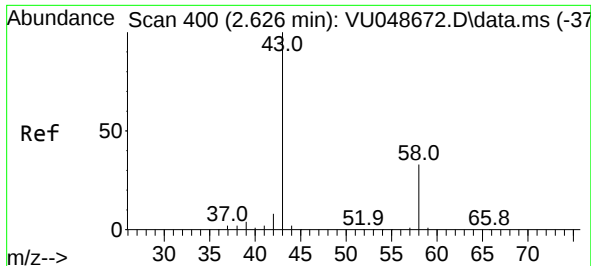
Tgt Ion: 62 Resp: 112612
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.2 37.8



#12
 1,1-Dichloroethene
 Concen: 0.403 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU048945.D
 Acq: 08 Jun 2022 05:45

Tgt Ion: 96 Resp: 1017
 Ion Ratio Lower Upper
 96 100
 61 134.1 131.1 196.7
 98 55.4 51.8 77.8





#16

Acetone

Concen: 3.239 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU048945.D

Acq: 08 Jun 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

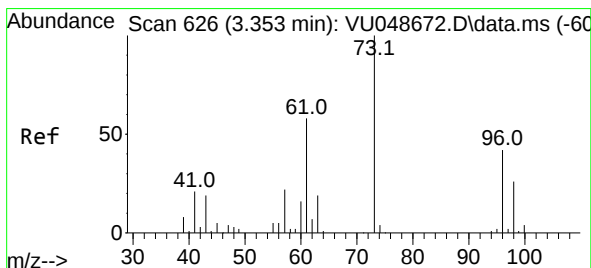
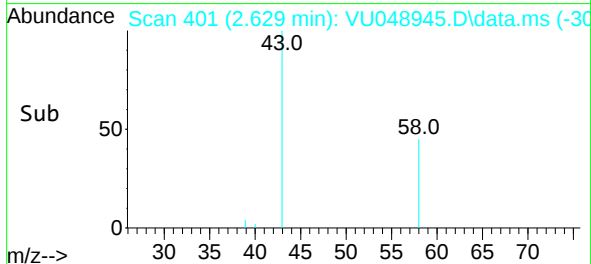
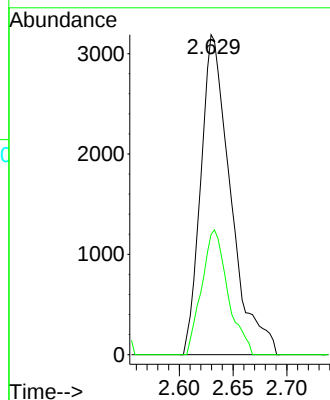
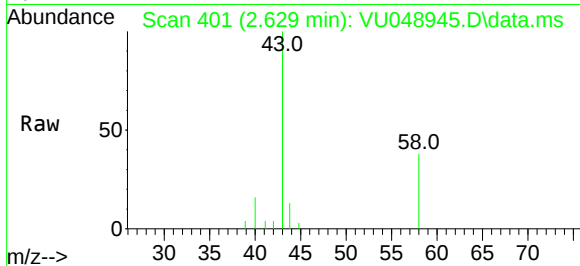
DUP04-20220531

Tgt Ion: 43 Resp: 6146

Ion Ratio Lower Upper

43 100

58 37.6 26.3 39.5



#21

trans-1,2-Dichloroethene

Concen: 0.966 ug/l

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU048945.D

Acq: 08 Jun 2022 05:45

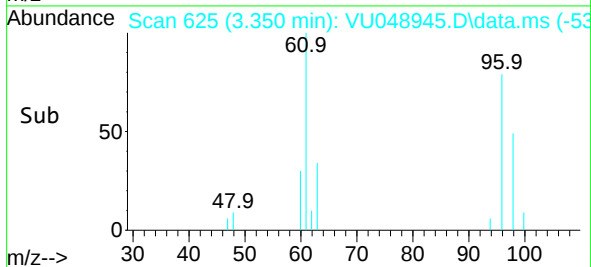
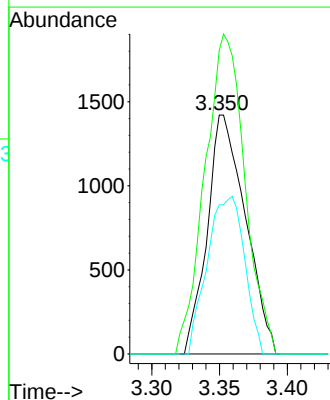
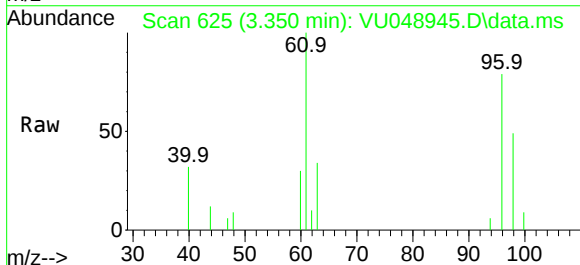
Tgt Ion: 96 Resp: 2790

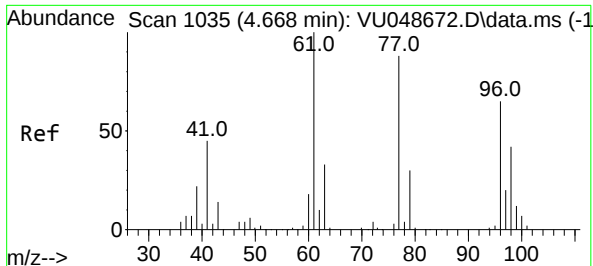
Ion Ratio Lower Upper

96 100

61 127.1 109.4 164.2

98 62.4 48.9 73.3



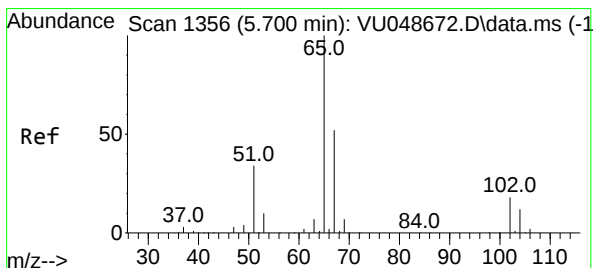
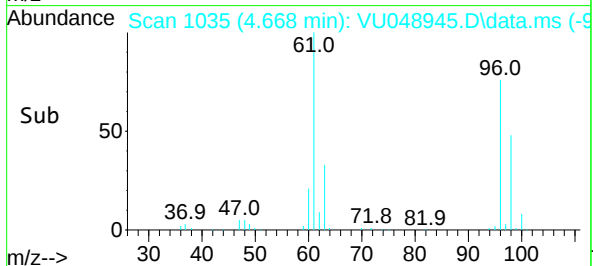
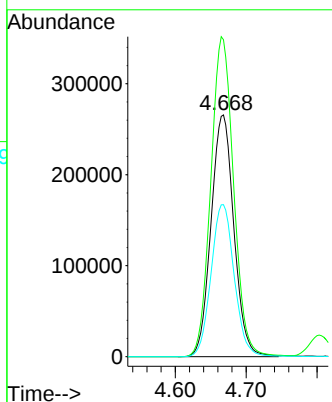
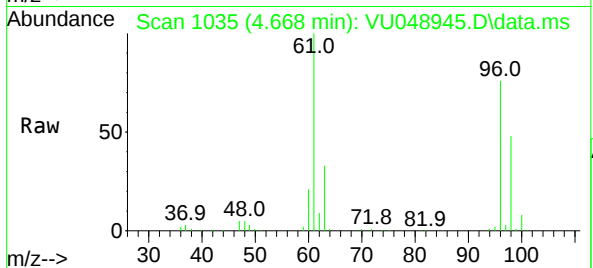


#27
 cis-1,2-Dichloroethene
 Concen: 177.880 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048945.D
 Acq: 08 Jun 2022 05:45

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP04-20220531

Tgt Ion: 96 Resp: 594364

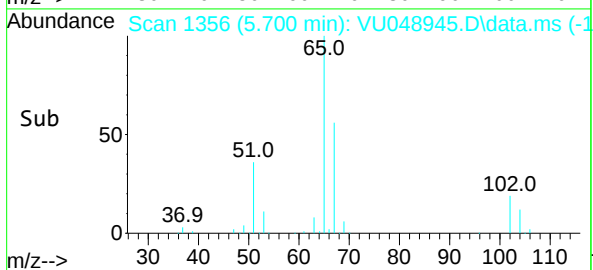
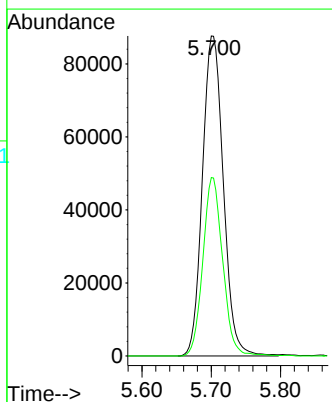
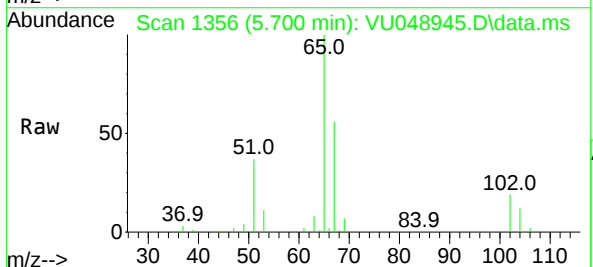
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	306.2
98	64.0	0.0	130.4

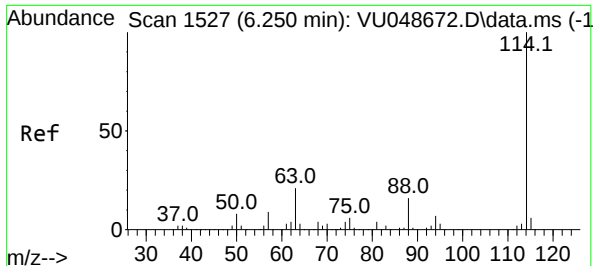


#33
 1,2-Dichloroethane-d4
 Concen: 49.449 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU048945.D
 Acq: 08 Jun 2022 05:45

Tgt Ion: 65 Resp: 184137

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# 11

Delta R.T. -0.000 min

Lab File: VU048945.D

Acq: 08 Jun 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

DUP04-20220531

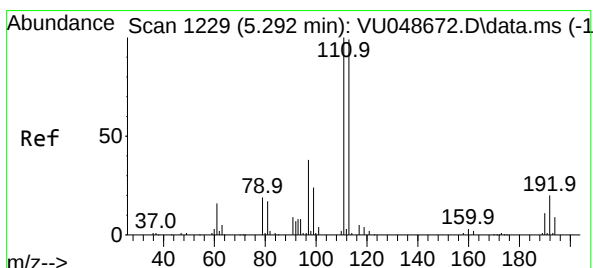
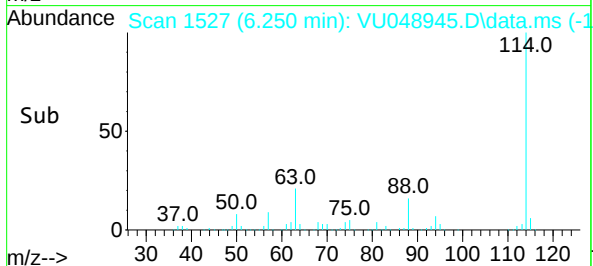
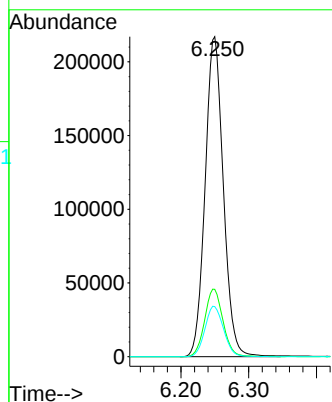
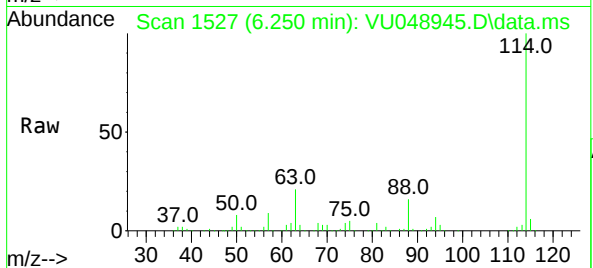
Tgt Ion:114 Resp: 404772

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.296 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048945.D

Acq: 08 Jun 2022 05:45

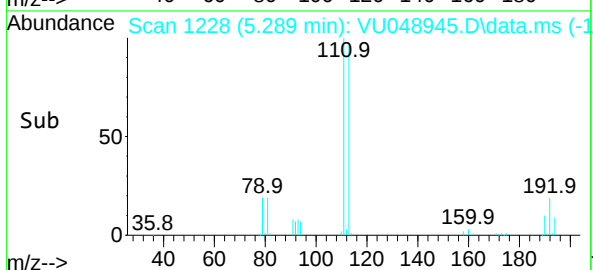
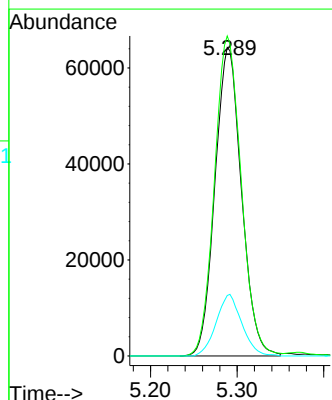
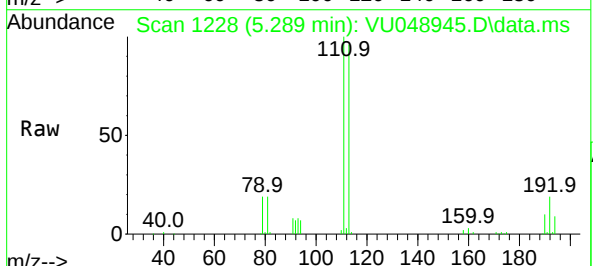
Tgt Ion:113 Resp: 136578

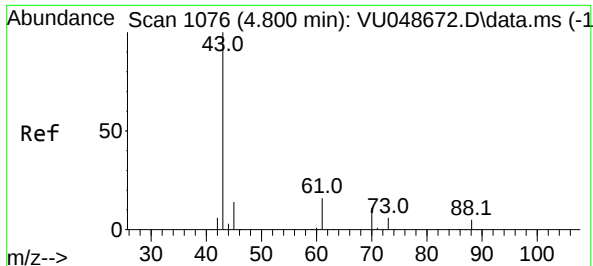
Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

192 19.3 15.9 23.9





#37

Ethyl Acetate

Concen: 62.044 ug/l

RT: 4.803 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VU048945.D

Acq: 08 Jun 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

DUP04-20220531

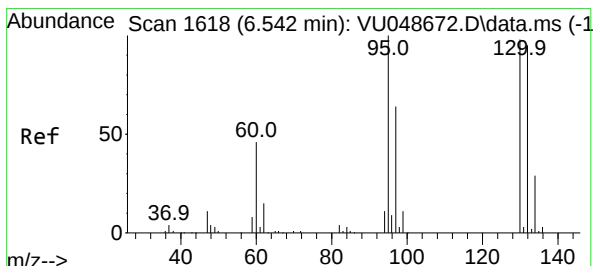
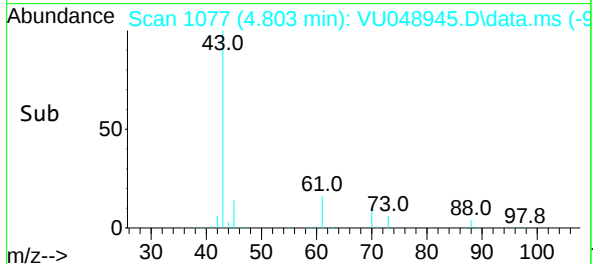
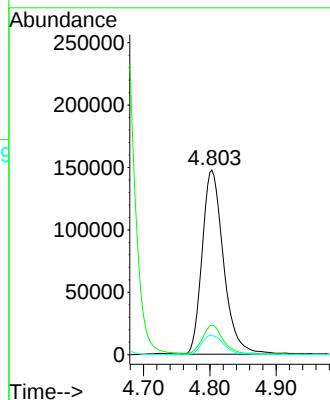
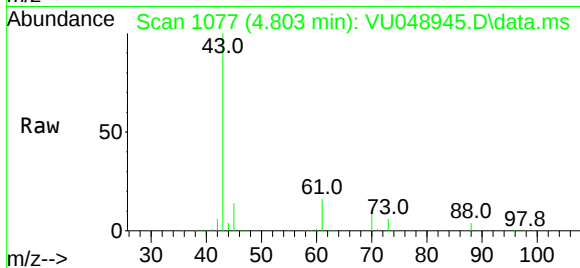
Tgt Ion: 43 Resp: 330570

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 11.1 8.4 12.6



#44

Trichloroethene

Concen: 1.630 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048945.D

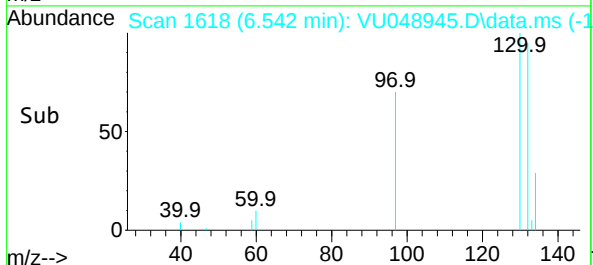
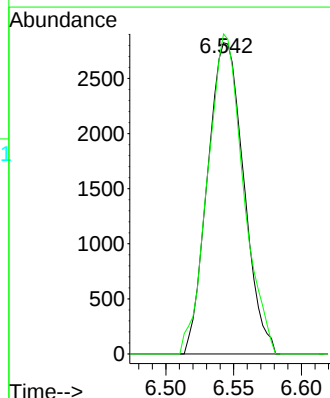
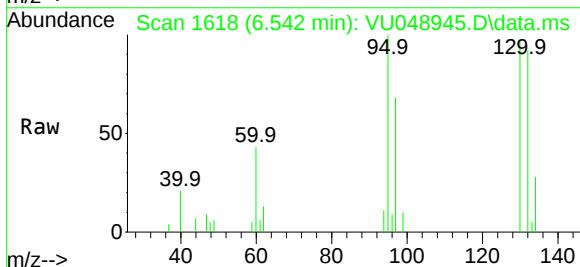
Acq: 08 Jun 2022 05:45

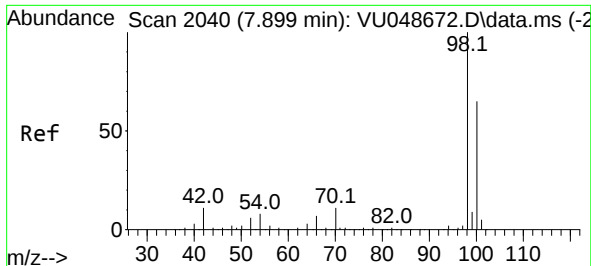
Tgt Ion:130 Resp: 5224

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.8

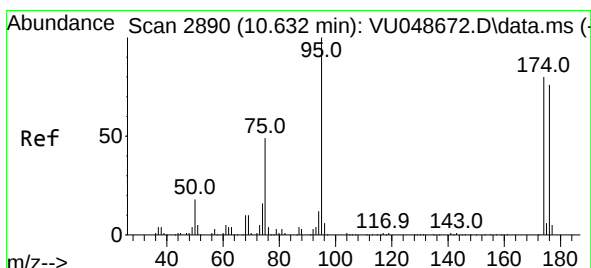
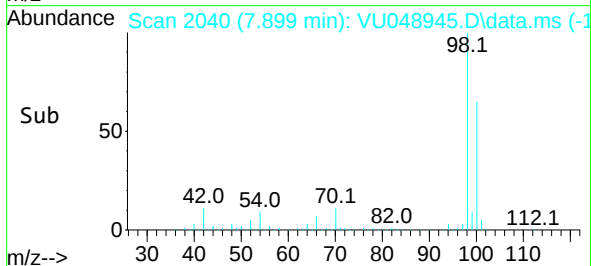
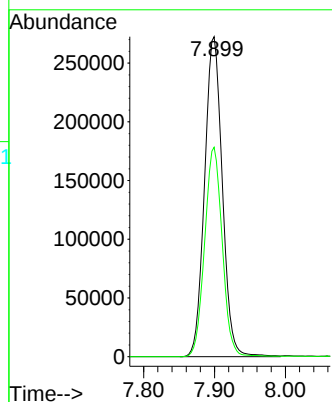
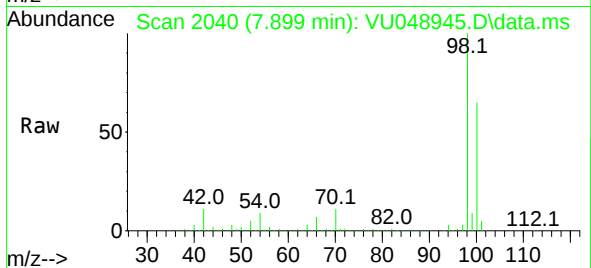




#50
Toluene-d8
Concen: 45.815 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

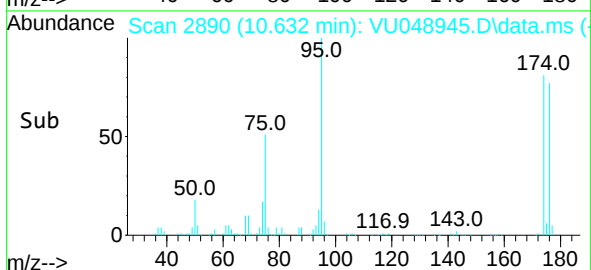
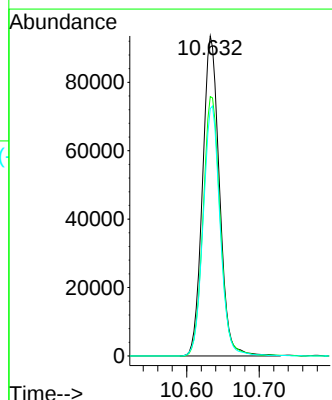
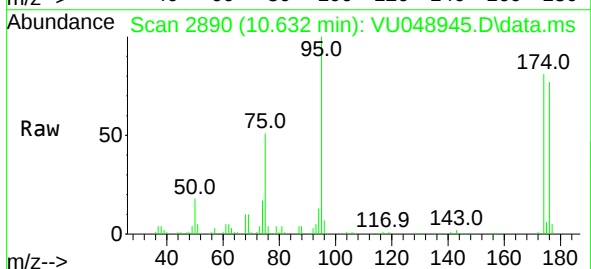
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220531

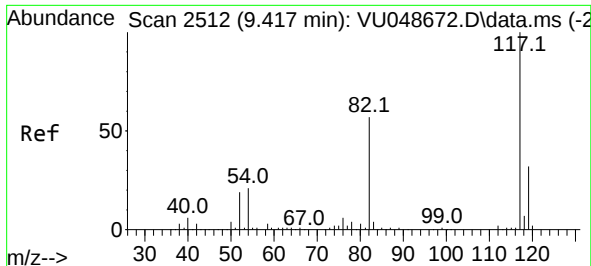
Tgt Ion: 98 Resp: 474251
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 38.653 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

Tgt Ion: 95 Resp: 151321
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.4
176 78.1 0.0 152.4

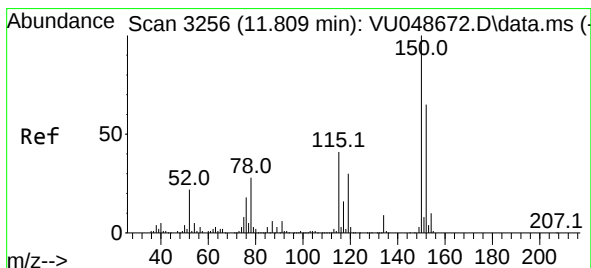
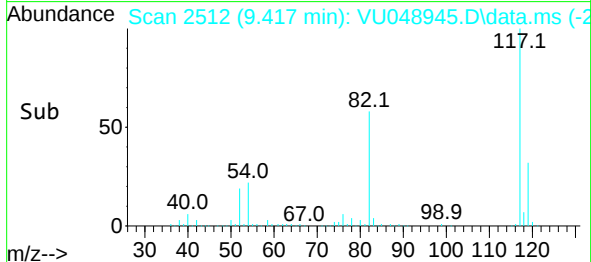
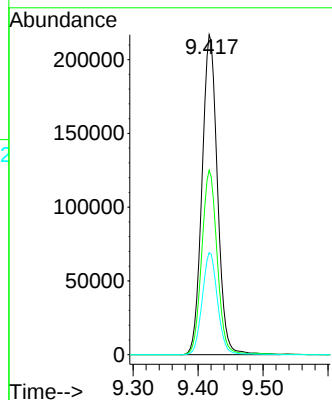
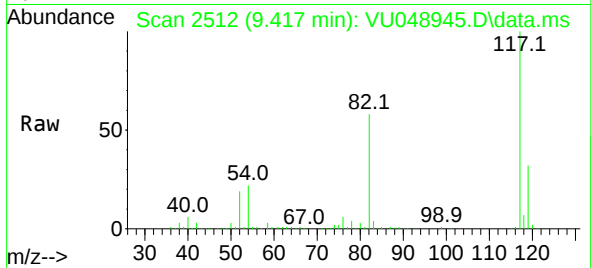




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220531

Tgt Ion:117 Resp: 359241
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048945.D
Acq: 08 Jun 2022 05:45

Tgt Ion:152 Resp: 154439
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 158.0 0.0 341.0

