

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048939.D
 Acq On : 08 Jun 2022 03:24
 Operator : SY/MD
 Sample : N3166-01 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601

Quant Time: Jun 08 09:16:18 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)

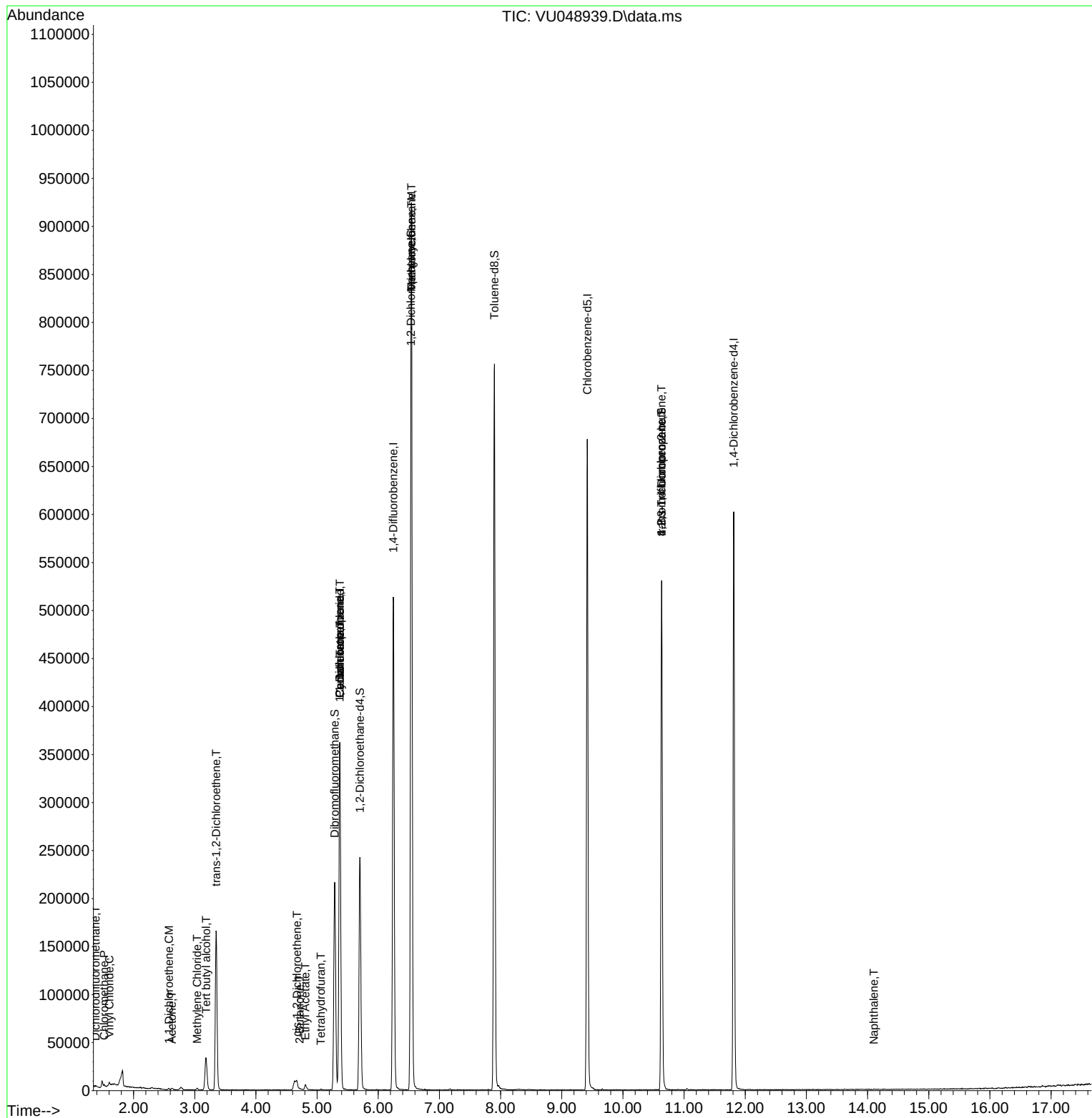
Internal Standards						
1) Pentafluorobenzene	5.372	168	240810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	408230	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	190106	52.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.140%			
35) Dibromofluoromethane	5.288	113	140398	48.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.420%			
50) Toluene-d8	7.899	98	489985	46.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.860%			
62) 4-Bromofluorobenzene	10.632	95	175690	44.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.379	85	570	0.207	ug/l	83
3) Chloromethane	1.520	50	752	0.212	ug/l #	82
4) Vinyl Chloride	1.604	62	2477	0.754	ug/l	89
5) Bromomethane	1.822	94	325	Below Cal	#	67
6) Chloroethane	1.983	64	828	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	21335	23.269	ug/l #	28
12) 1,1-Dichloroethene	2.578	96	515	0.210	ug/l #	68
16) Acetone	2.626	43	1855	1.006	ug/l	95
20) Methylene Chloride	3.038	84	920	0.294	ug/l #	83
21) trans-1,2-Dichloroethene	3.350	96	68153	24.309	ug/l	93
25) 2-Butanone	4.713	43	2109	0.797	ug/l	92
27) cis-1,2-Dichloroethene	4.671	96	4409	1.359	ug/l	72
29) Tetrahydrofuran	5.063	42	401	0.240	ug/l #	70
31) Cyclohexane	5.372	56	5484	1.203	ug/l #	7
36) 1,1-Dichloropropene	5.369	75	20925	4.923	ug/l #	49
37) Ethyl Acetate	4.809	43	7538	1.403	ug/l #	94
38) Carbon Tetrachloride	5.372	117	25509	5.231	ug/l #	17
39) Methylcyclohexane	6.542	83	3952	0.887	ug/l #	1
44) Trichloroethene	6.542	130	308195	95.327	ug/l	99
45) 1,2-Dichloropropane	6.533	63	883	0.279	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	92657	18.042	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	92657	65.509	ug/l #	13
95) Naphthalene	14.105	128	331	2.558	ug/l #	80

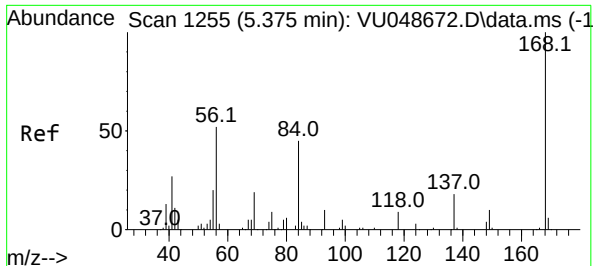
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\  
Data File : VU048939.D  
Acq On    : 08 Jun 2022  03:24  
Operator  : SY/MD  
Sample    : N3166-01 10X  
Misc      : 5.0mL/MSVOA_U/WATER  
ALS Vial  : 43   Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

Quant Time: Jun 08 09:16:18 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

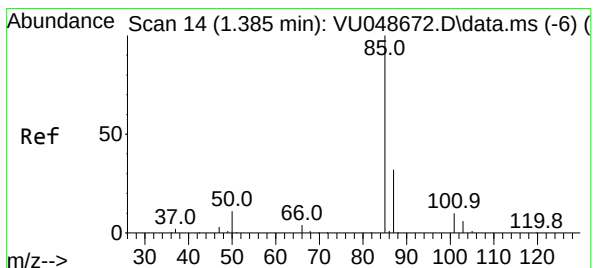
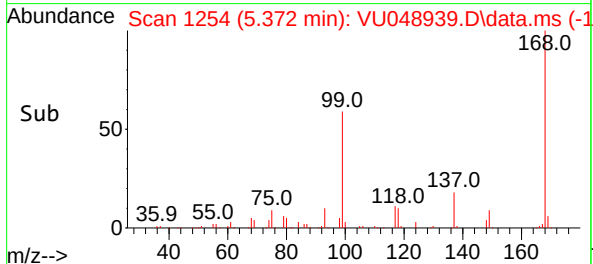
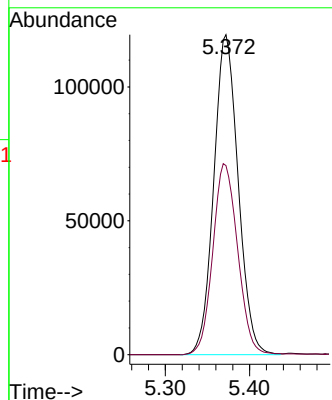
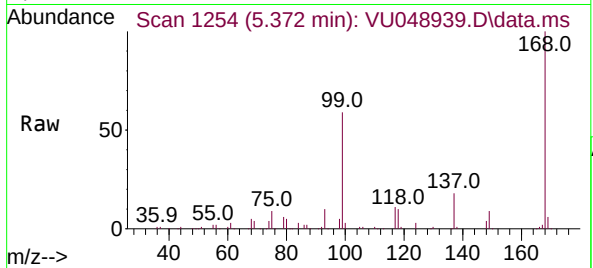




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

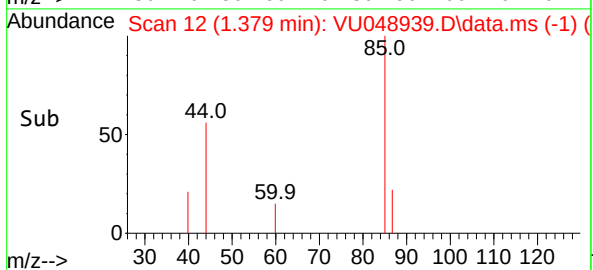
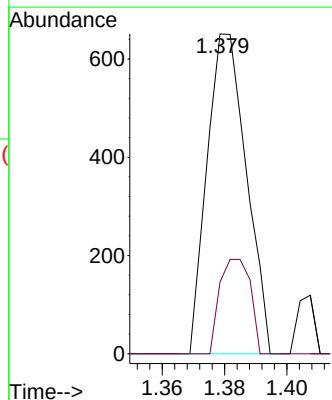
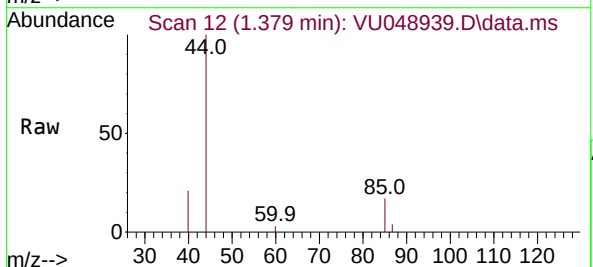
Instrument :
MSVOA_U
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46BR-20220601

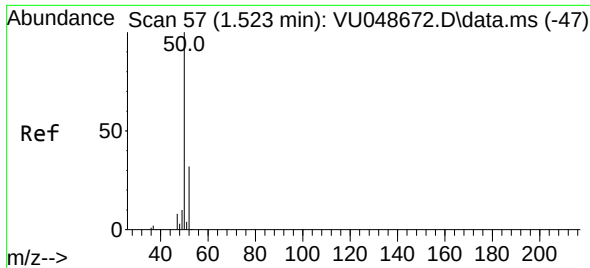
Tgt Ion:168 Resp: 240810
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.207 ug/l
RT: 1.379 min Scan# 12
Delta R.T. -0.007 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 85 Resp: 570
Ion Ratio Lower Upper
85 100
87 22.4 16.0 48.0

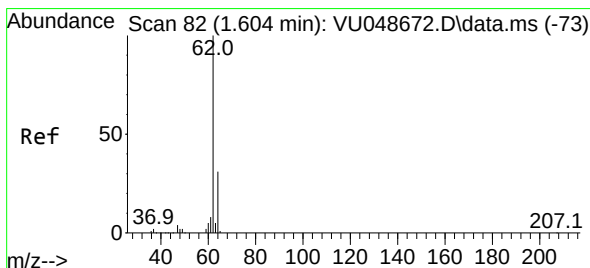
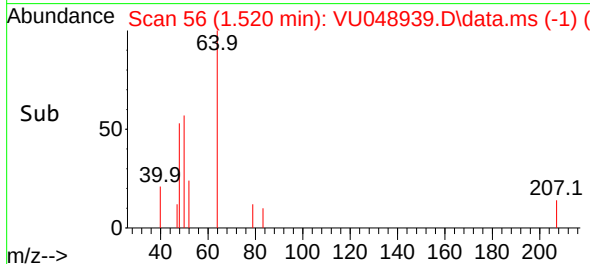
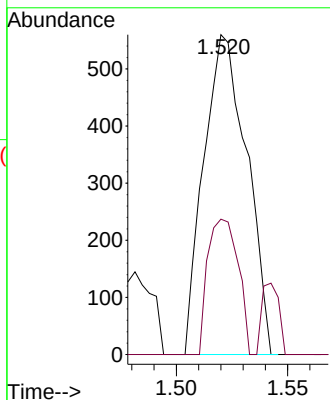
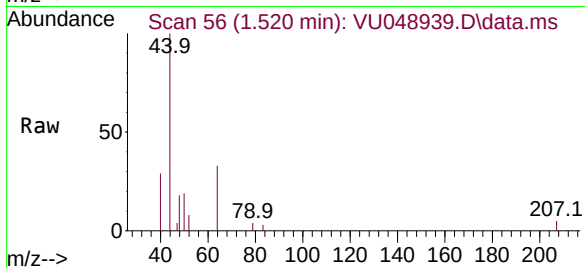




#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

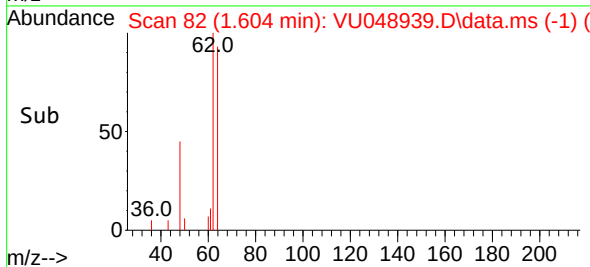
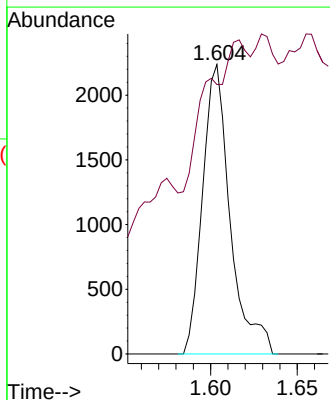
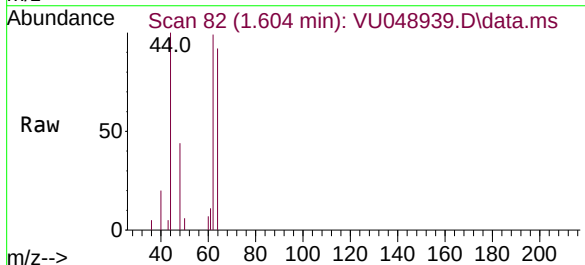
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

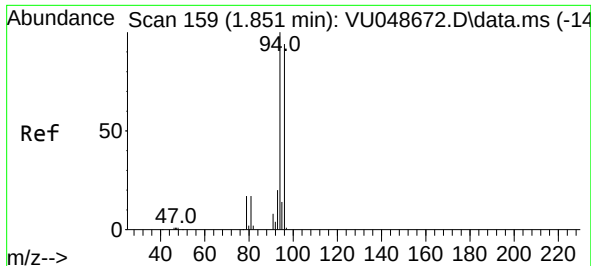
Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 42.3 25.7 38.5#



#4
Vinyl Chloride
Concen: 0.754 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 62 Resp: 2477
Ion Ratio Lower Upper
62 100
64 37.5 25.2 37.8

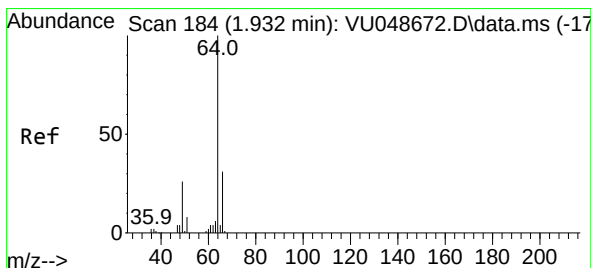
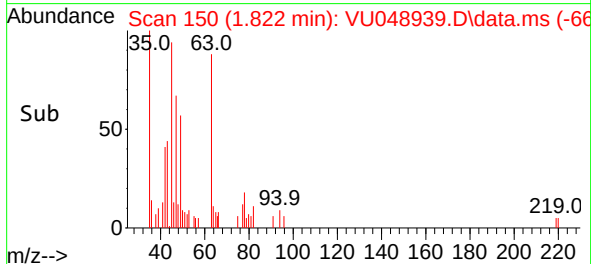
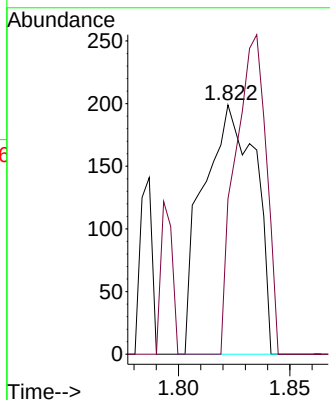
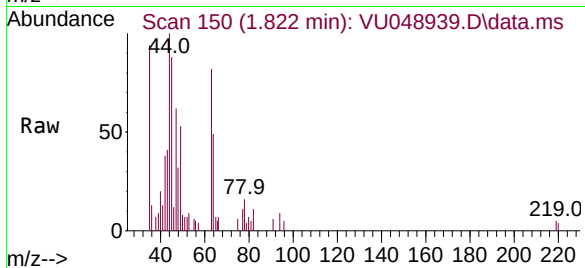




#5
Bromomethane
Concen: Below Cal
RT: 1.822 min Scan# 11
Delta R.T. -0.029 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

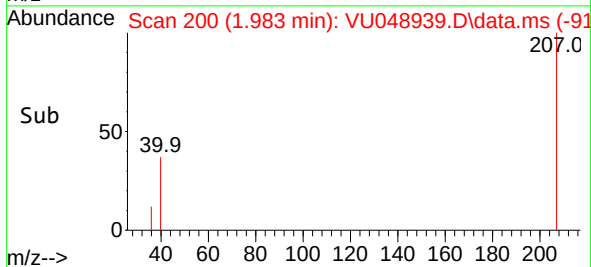
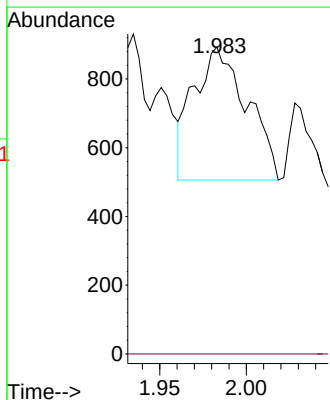
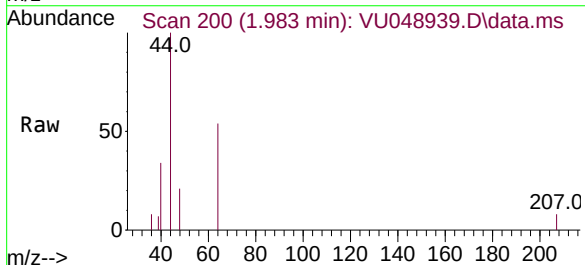
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

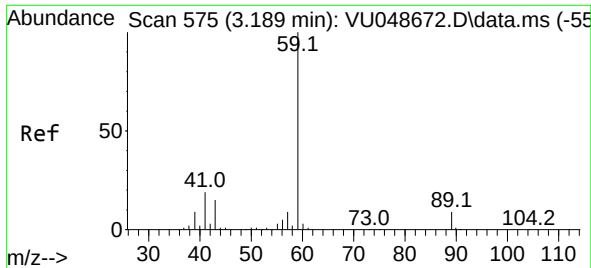
Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 62.3 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.983 min Scan# 200
Delta R.T. 0.051 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 64 Resp: 828
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

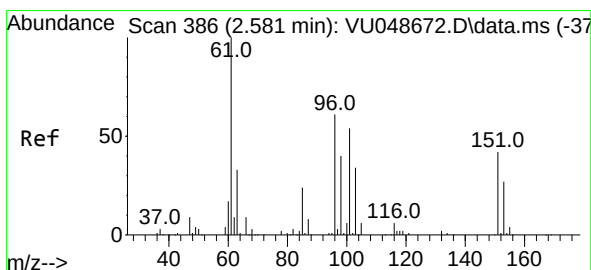
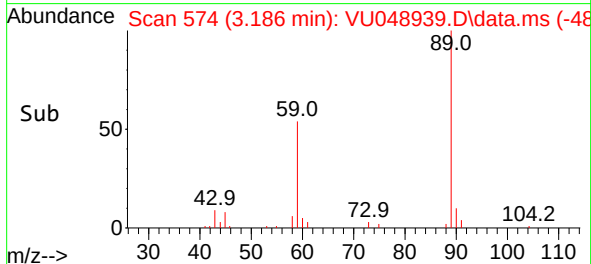
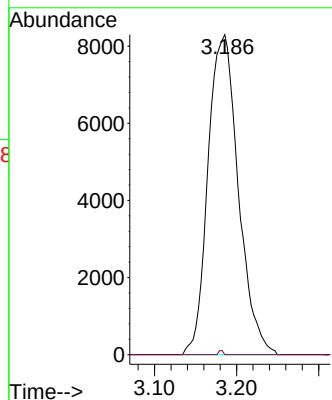
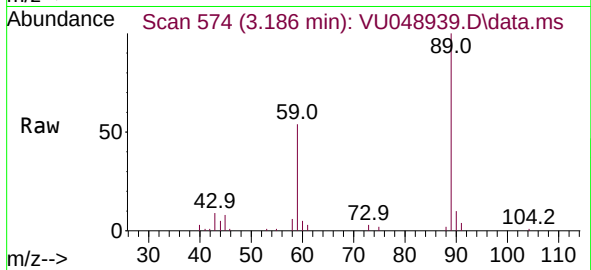




#11
Tert butyl alcohol
Concen: 23.269 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

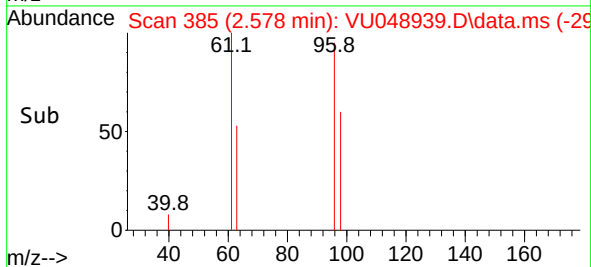
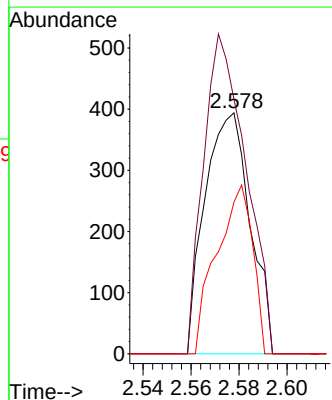
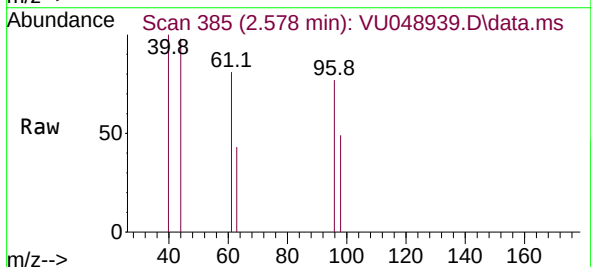
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

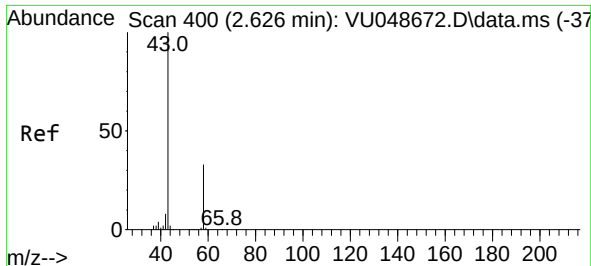
Tgt Ion: 59 Resp: 21335
Ion Ratio Lower Upper
59 100
57 0.2 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 0.210 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 96 Resp: 515
Ion Ratio Lower Upper
96 100
61 105.6 131.1 196.7#
98 62.9 51.8 77.8

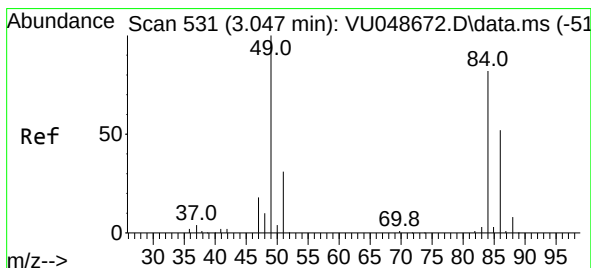
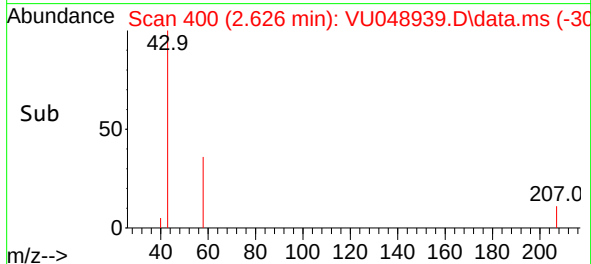
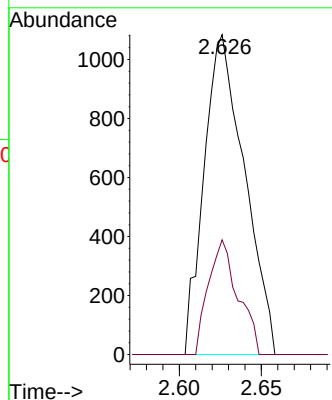
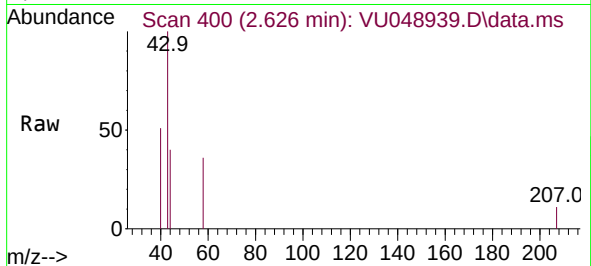




#16
Acetone
Concen: 1.006 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

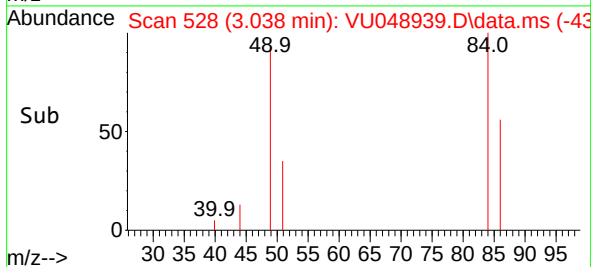
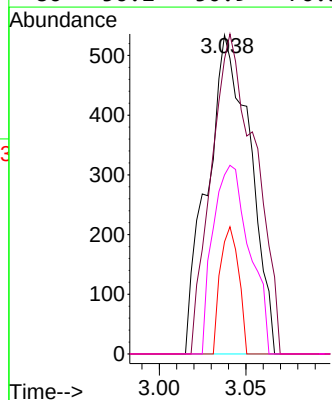
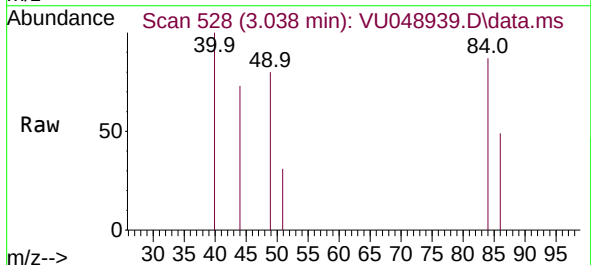
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ClientSampleId :
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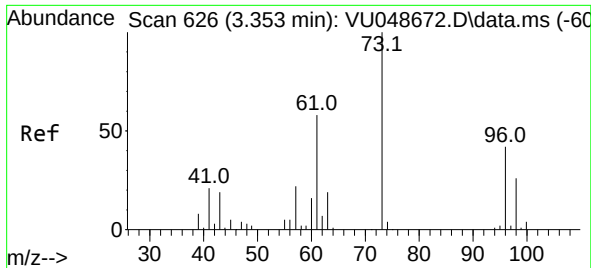
Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 35.9 26.3 39.5



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.010 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 84 Resp: 920
Ion Ratio Lower Upper
84 100
49 92.5 97.0 145.4#
51 35.2 29.8 44.8
86 56.2 50.9 76.3

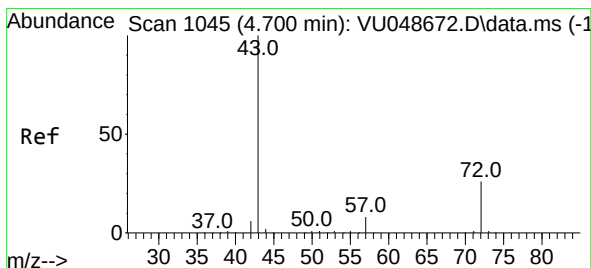
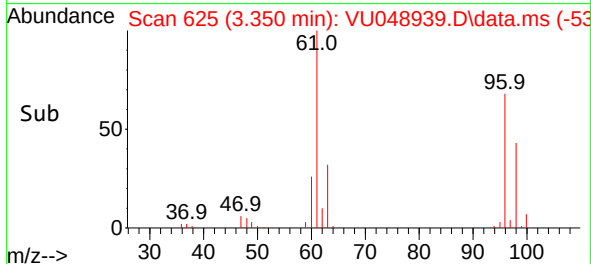
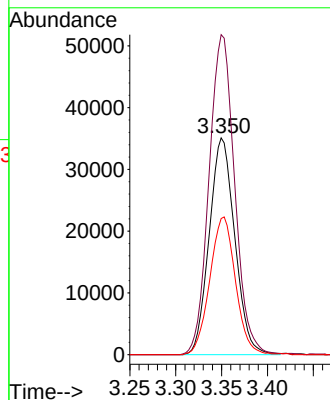
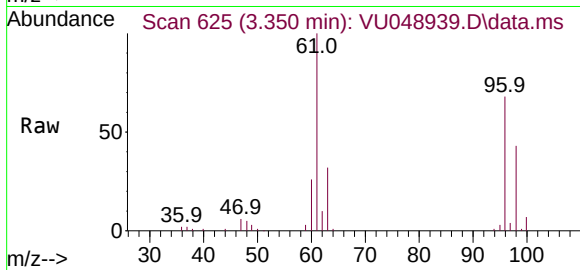




#21
trans-1,2-Dichloroethene
Concen: 24.309 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

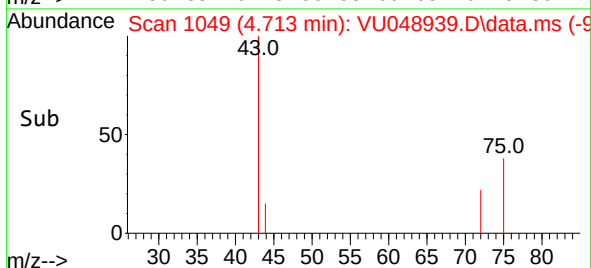
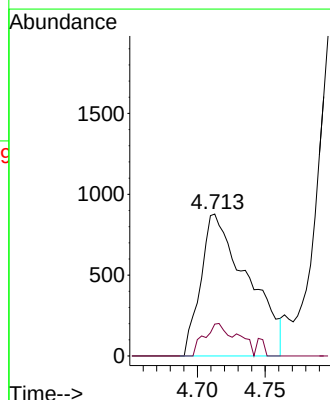
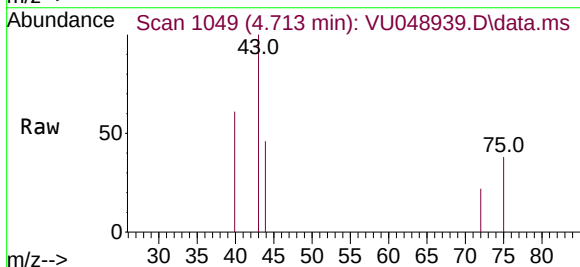
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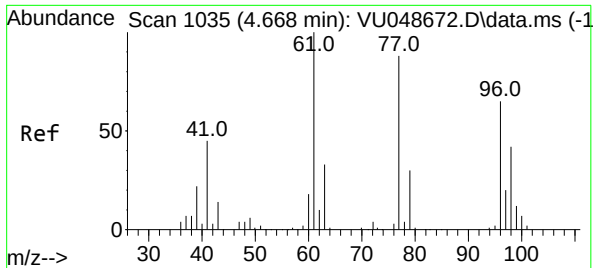
Tgt Ion: 96 Resp: 68153
Ion Ratio Lower Upper
96 100
61 147.6 109.4 164.2
98 62.8 48.9 73.3



#25
2-Butanone
Concen: 0.797 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
72 22.4 21.1 31.7



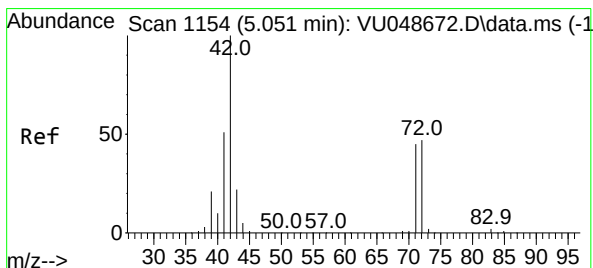
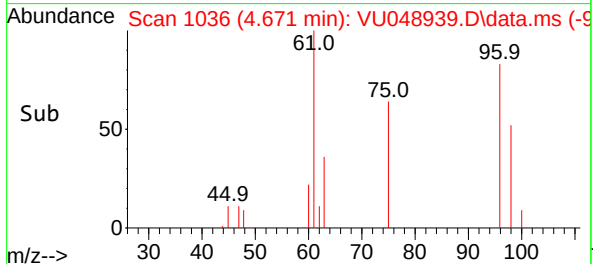
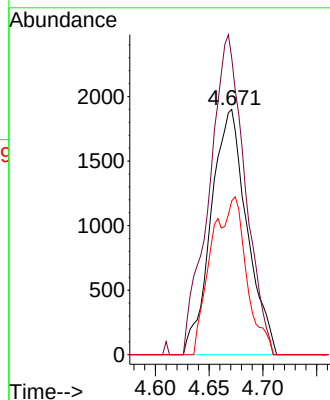
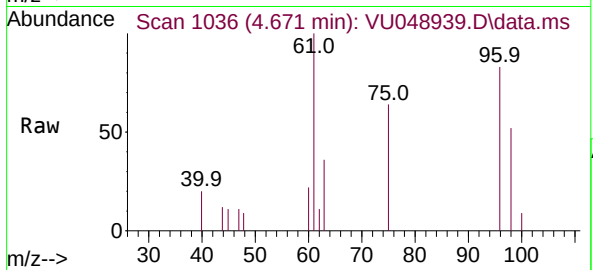


#27
 cis-1,2-Dichloroethene
 Concen: 1.359 ug/l
 RT: 4.671 min Scan# 1103
 Delta R.T. 0.003 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601

Tgt Ion: 96 Resp: 4409

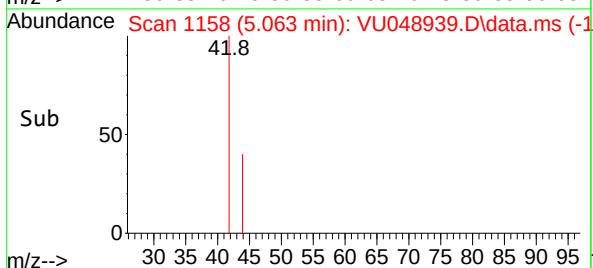
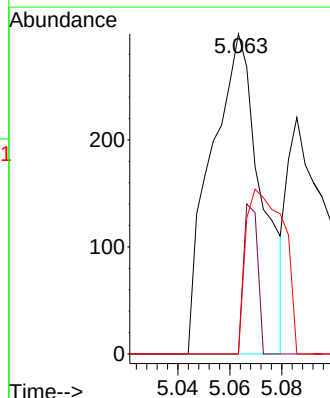
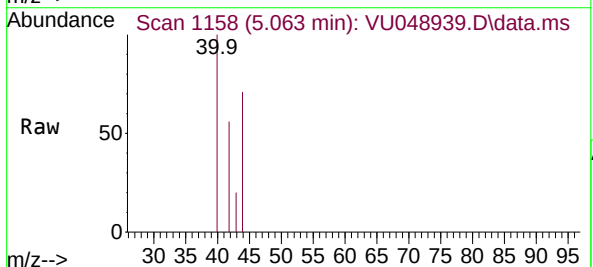
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	306.2
98	24.4	0.0	130.4

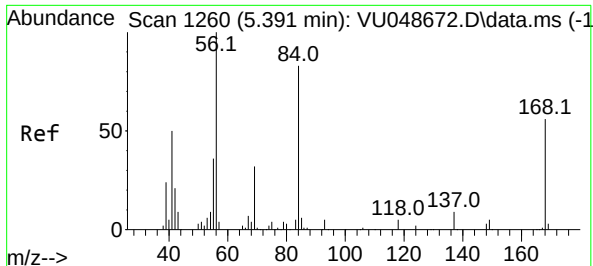


#29
 Tetrahydrofuran
 Concen: 0.240 ug/l
 RT: 5.063 min Scan# 1158
 Delta R.T. 0.013 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

Tgt Ion: 42 Resp: 401

Ion	Ratio	Lower	Upper
42	100		
72	13.0	37.6	56.4#
71	38.7	35.0	52.4





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

Instrument :

MSVOA_U

ClientSampleId :

46BR-20220601

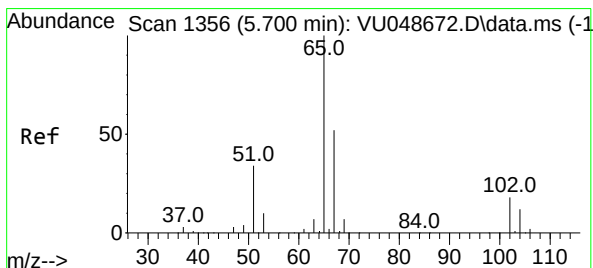
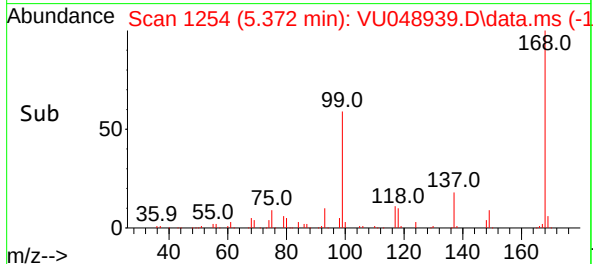
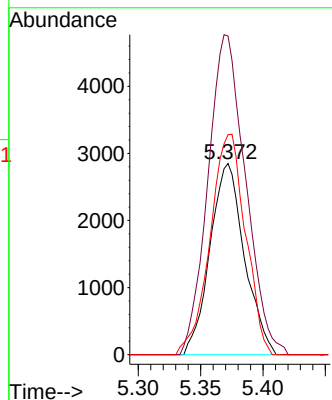
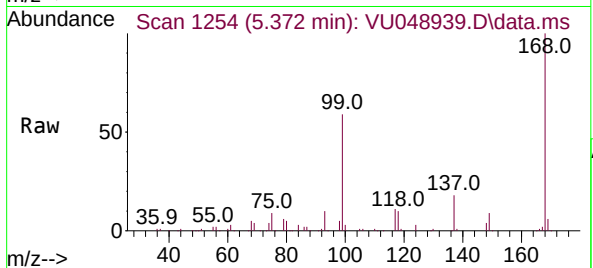
Tgt Ion: 56 Resp: 5484

Ion Ratio Lower Upper

56 100

69 166.7 25.6 38.4#

84 115.1 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 52.566 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. -0.000 min

Lab File: VU048939.D

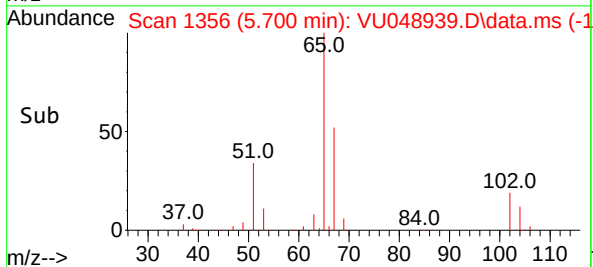
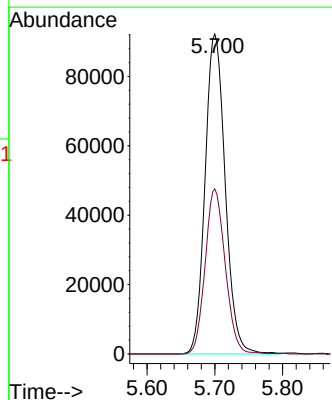
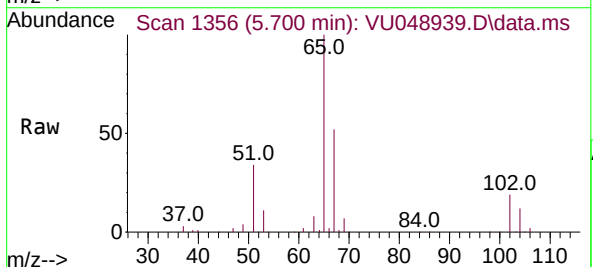
Acq: 08 Jun 2022 03:24

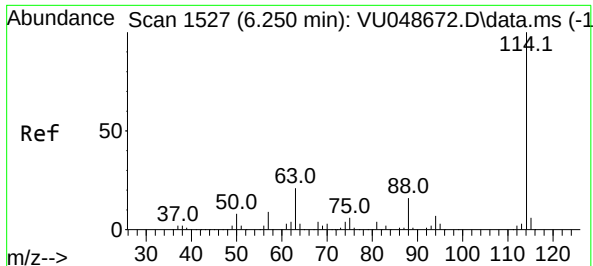
Tgt Ion: 65 Resp: 190106

Ion Ratio Lower Upper

65 100

67 51.6 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: VU048939.D

Acq: 08 Jun 2022 03:24

Instrument :

MSVOA_U

ClientSampleId :

46BR-20220601

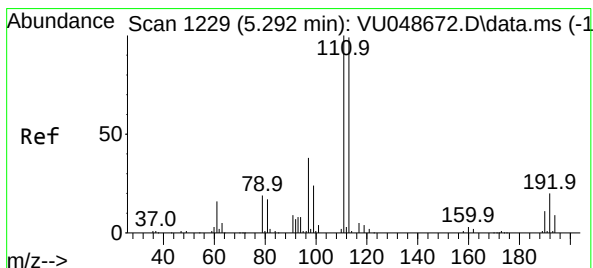
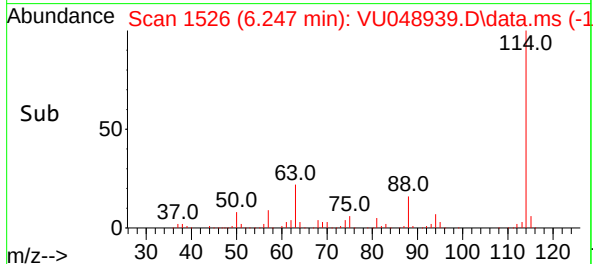
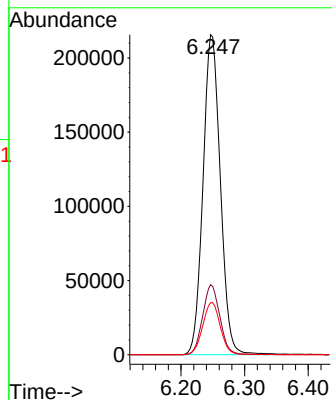
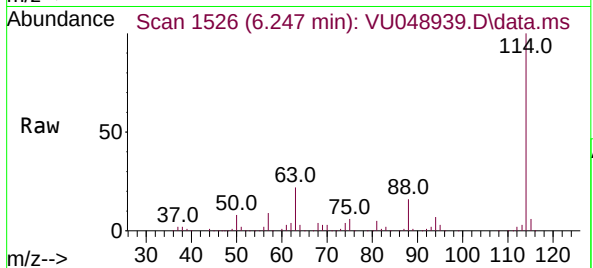
Tgt Ion:114 Resp: 408230

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.207 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048939.D

Acq: 08 Jun 2022 03:24

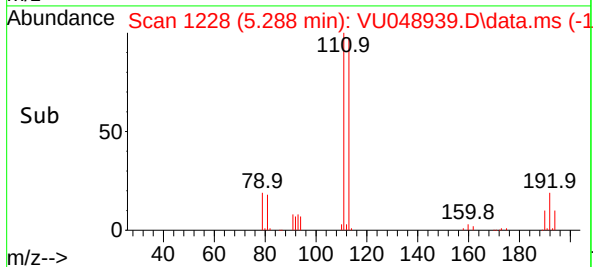
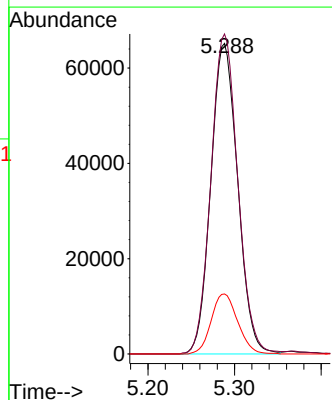
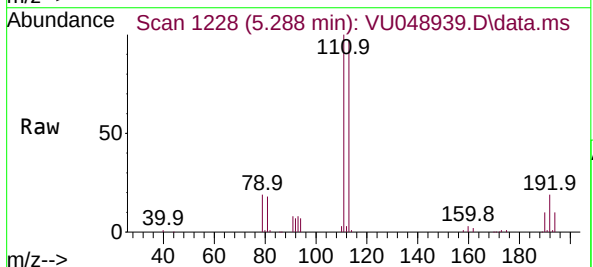
Tgt Ion:113 Resp: 140398

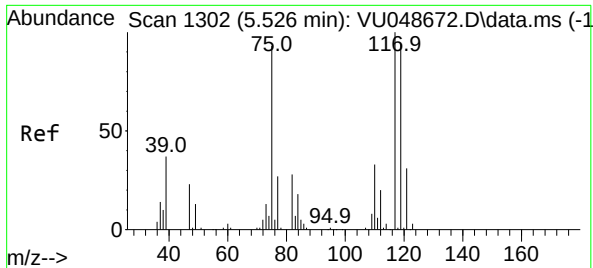
Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

192 19.0 15.9 23.9

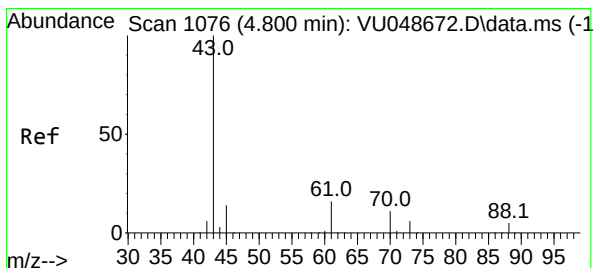
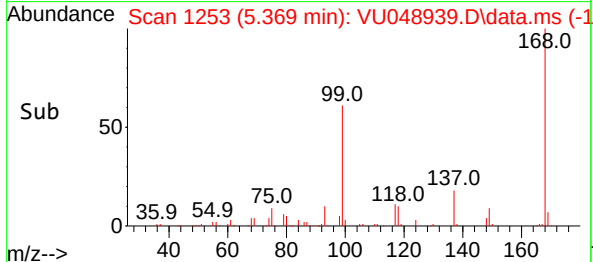
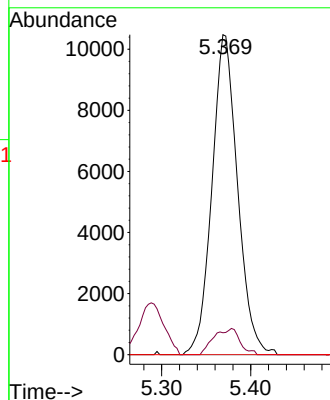
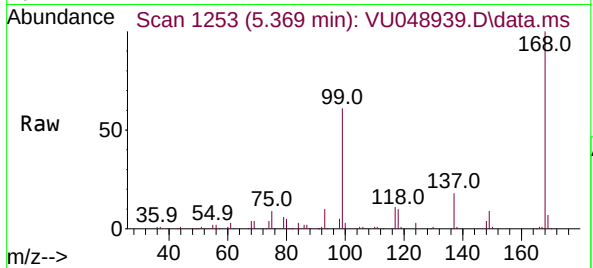




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 5.369 min Scan# 11
 Delta R.T. -0.158 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

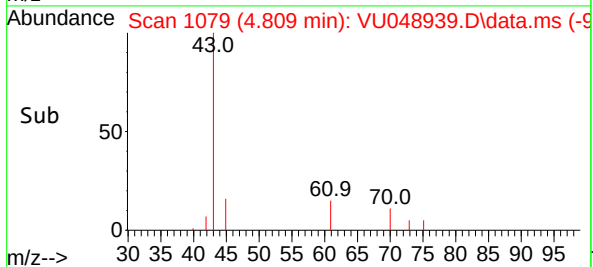
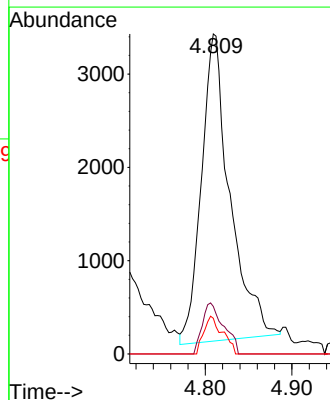
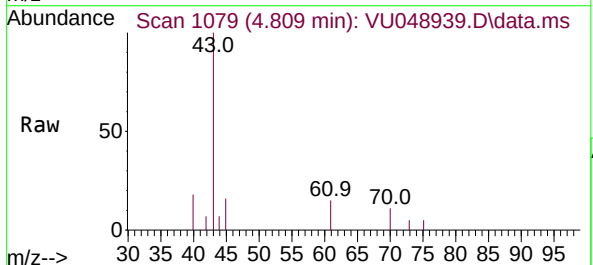
Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601

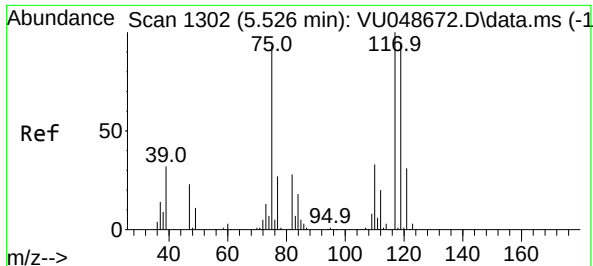
Tgt Ion: 75 Resp: 20925
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.4 52.3#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 1.403 ug/l
 RT: 4.809 min Scan# 1079
 Delta R.T. 0.009 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

Tgt Ion: 43 Resp: 7538
 Ion Ratio Lower Upper
 43 100
 61 12.5 11.7 17.5
 70 8.0 8.4 12.6#

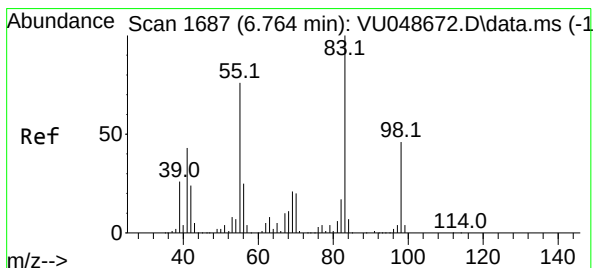
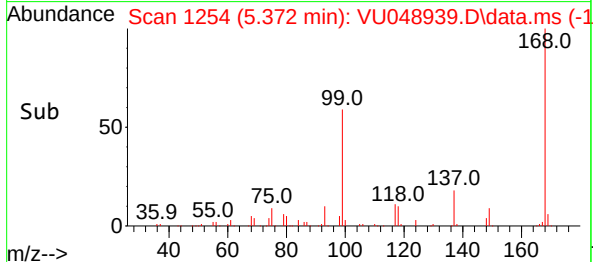
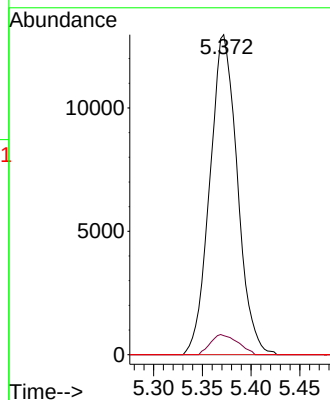
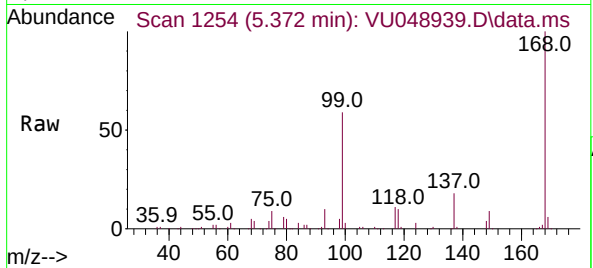




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

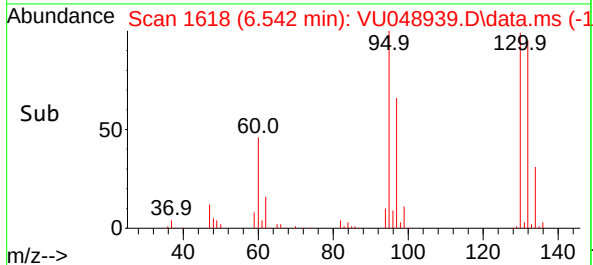
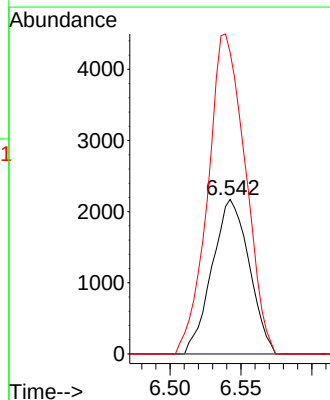
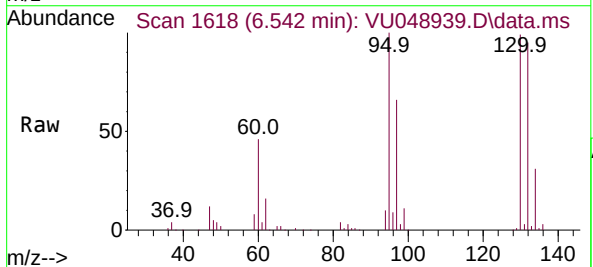
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

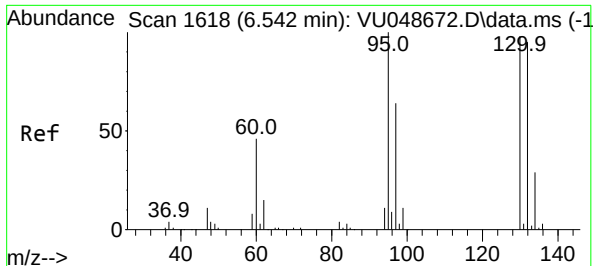
Tgt Ion:117 Resp: 25509
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.887 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.222 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 83 Resp: 3952
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.6#
98 195.2 36.8 55.2#

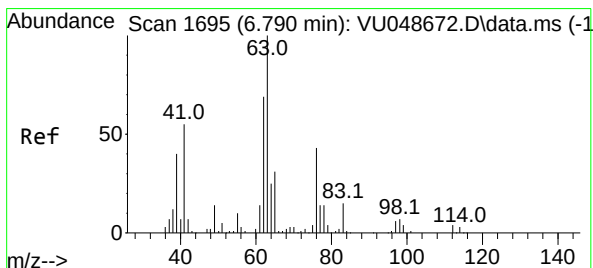
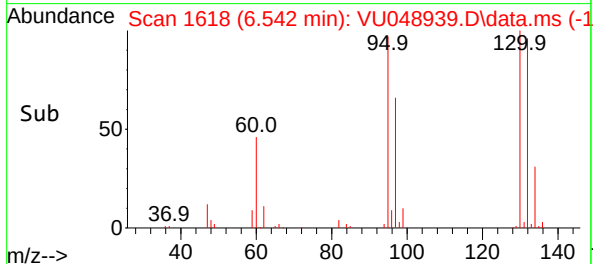
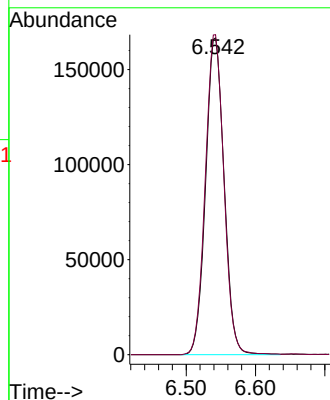
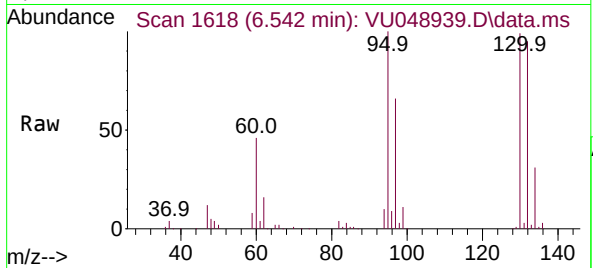




#44
Trichloroethene
Concen: 95.327 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

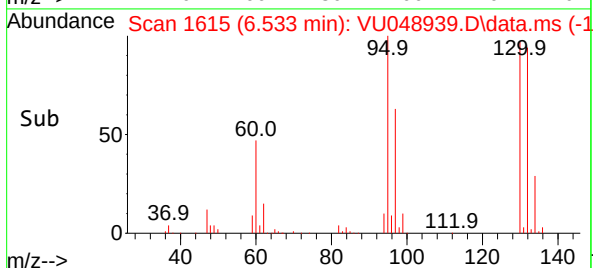
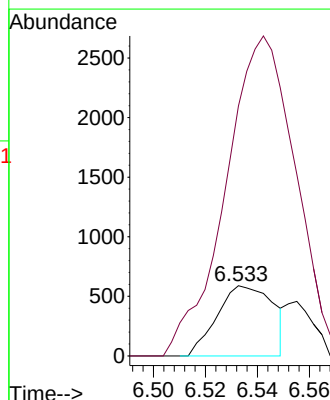
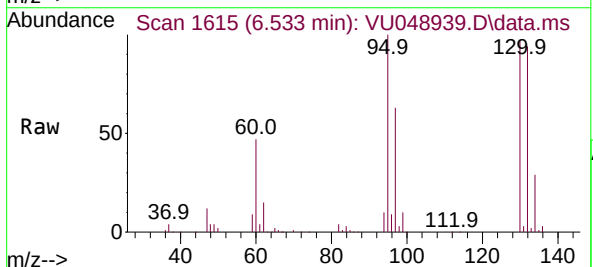
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

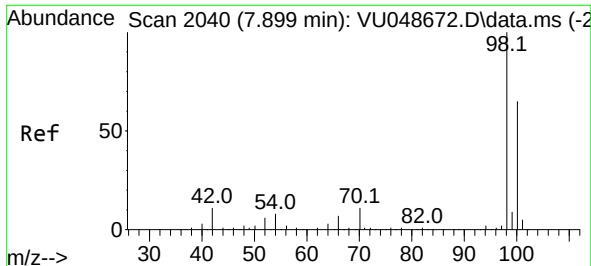
Tgt Ion:130 Resp: 308195
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.8



#45
1,2-Dichloropropane
Concen: 0.279 ug/l
RT: 6.533 min Scan# 1615
Delta R.T. -0.257 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 63 Resp: 883
Ion Ratio Lower Upper
63 100
65 309.0 24.8 37.2#

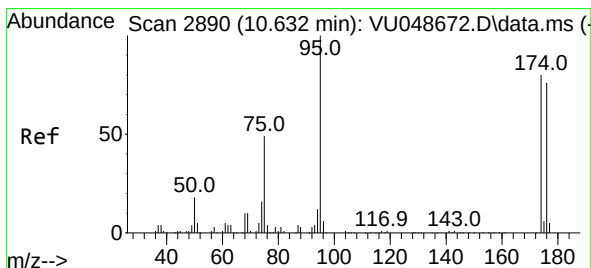
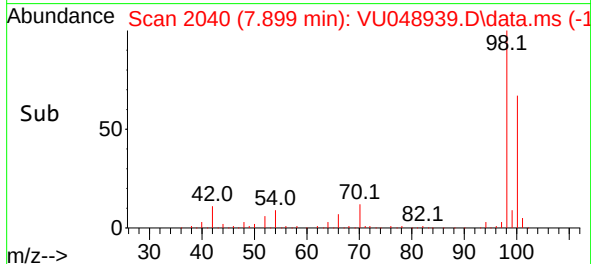
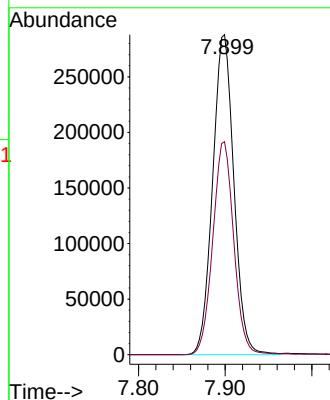
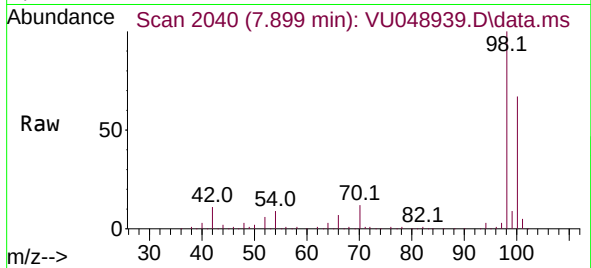




#50
Toluene-d8
Concen: 46.934 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

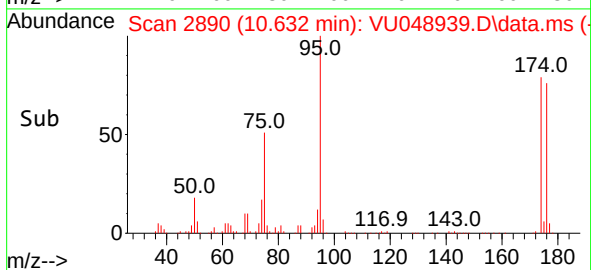
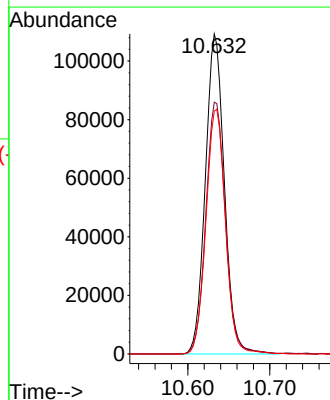
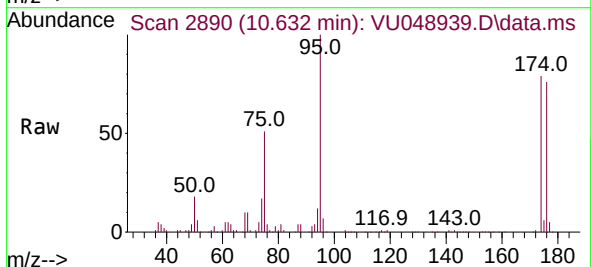
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

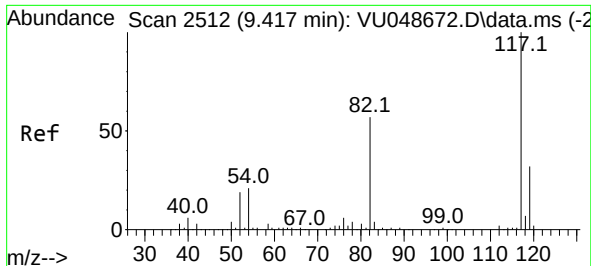
Tgt Ion: 98 Resp: 489985
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion: 95 Resp: 175690
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.4
176 78.2 0.0 152.4

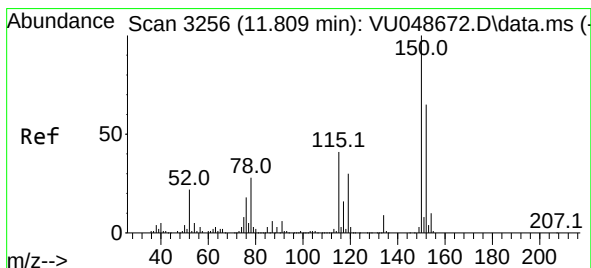
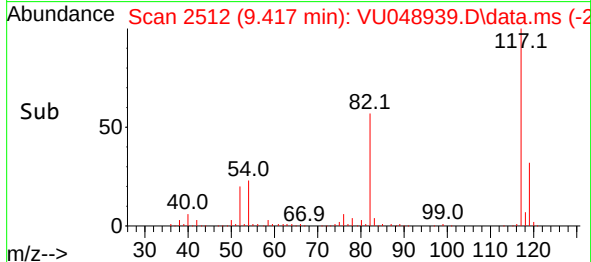
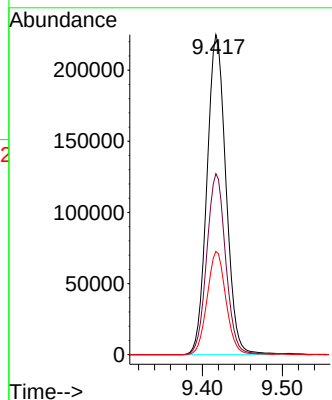
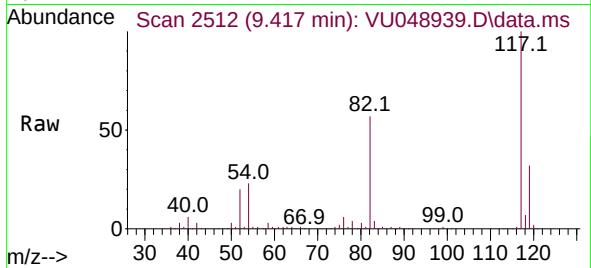




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

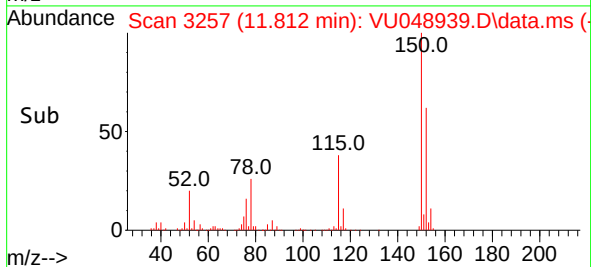
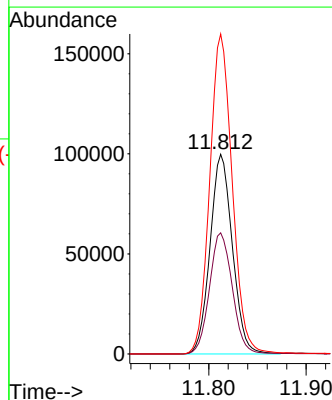
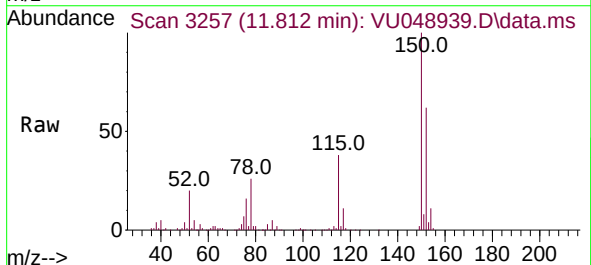
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

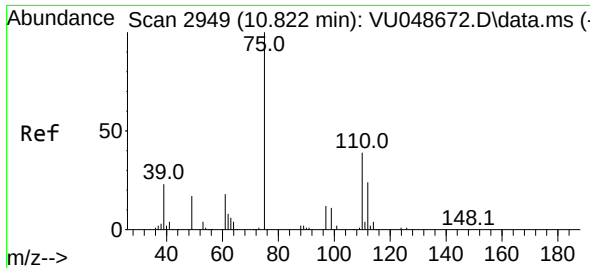
Tgt Ion:117 Resp: 372099
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

Tgt Ion:152 Resp: 159280
Ion Ratio Lower Upper
152 100
115 62.0 41.8 125.4
150 161.4 0.0 341.0

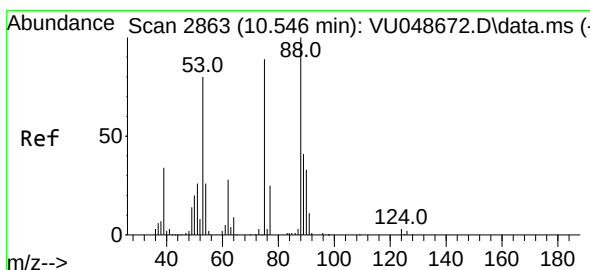
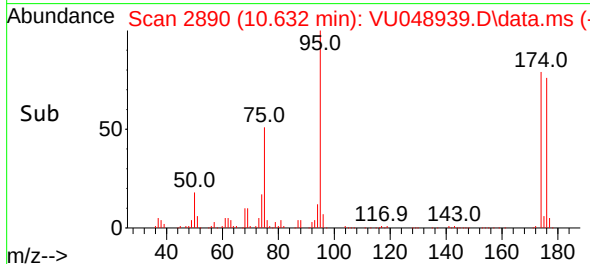
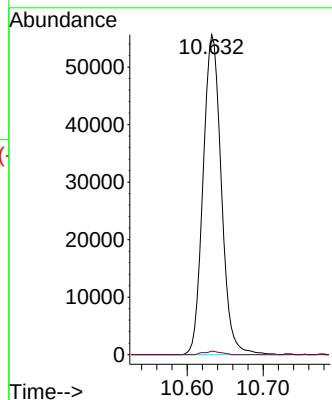
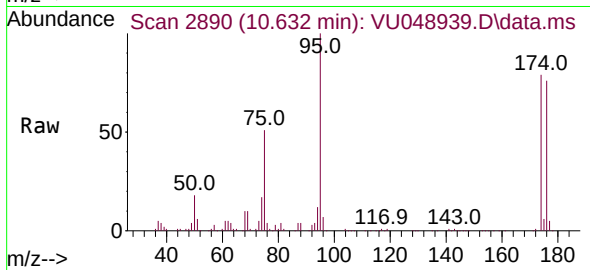




#76
1,2,3-Trichloropropane
Concen: 18.042 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

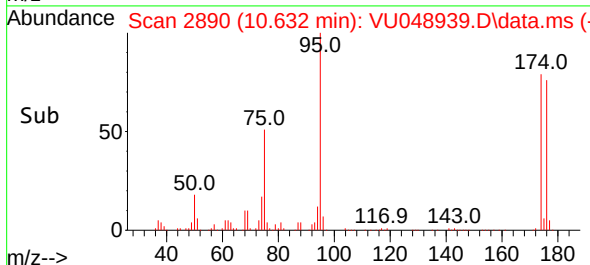
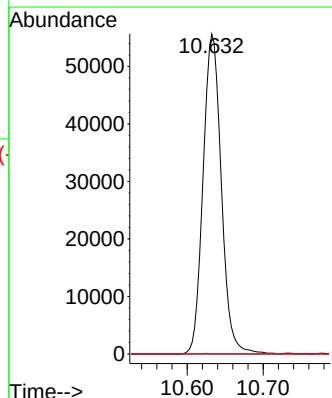
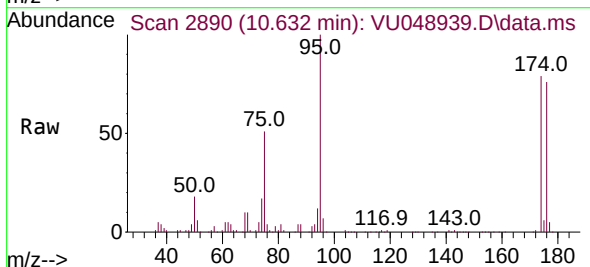
Instrument :
MSVOA_U
ClientSampleId :
46BR-20220601

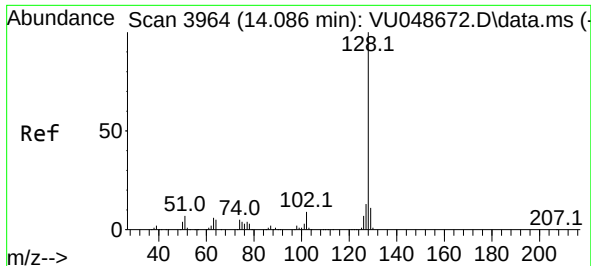
Tgt Ion: 75 Resp: 92657
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.509 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048939.D
Acq: 08 Jun 2022 03:24

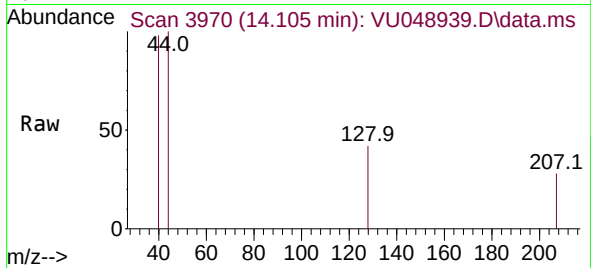
Tgt Ion: 75 Resp: 92657
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 2.558 ug/l
 RT: 14.105 min Scan# 3970
 Delta R.T. 0.019 min
 Lab File: VU048939.D
 Acq: 08 Jun 2022 03:24

Instrument :
 MSVOA_U
 ClientSampleId :
 46BR-20220601



Tgt Ion:128	Resp:	331
Ion	Ratio	Lower Upper
128	100	
127	17.5	10.2 15.4#
129	0.0	8.7 13.1#

