

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049431.D
 Acq On : 28 Jun 2022 03:04
 Operator : SY/MD
 Sample : N3386-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPOW1-7-20220614

Quant Time: Jun 28 07:14:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

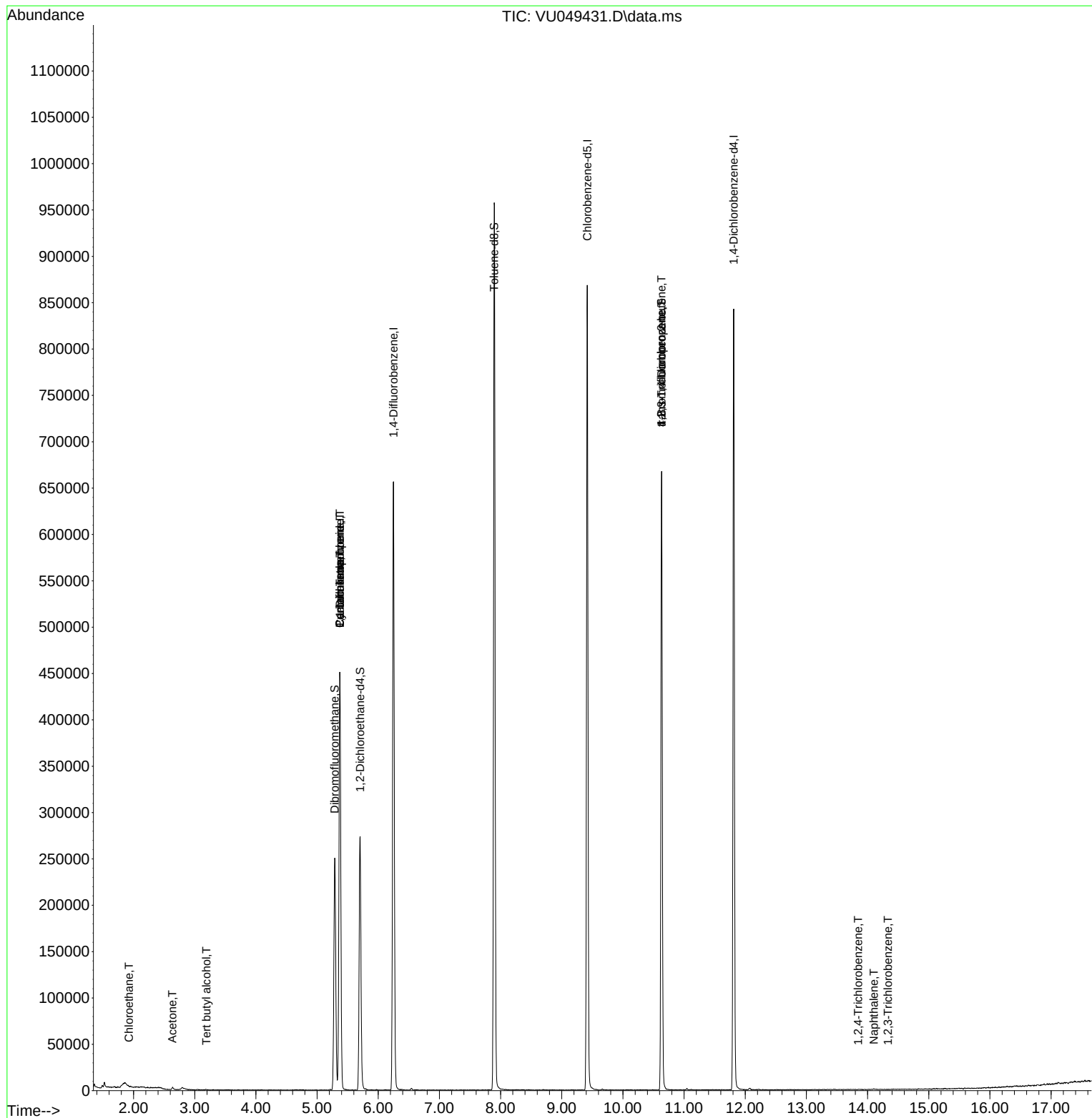
Internal Standards						
1) Pentafluorobenzene	5.372	168	310848	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	537527	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	479245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	222090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	205720	42.972	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.940%
35) Dibromofluoromethane	5.288	113	165072	43.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	7.896	98	635132	47.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	10.632	95	231042	44.965	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	4328	Below Cal		97
6) Chloroethane	1.922	64	135	1.971	ug/l #	44
11) Tert butyl alcohol	3.192	59	371	0.331	ug/l #	37
16) Acetone	2.636	43	3078	1.275	ug/l	88
20) Methylene Chloride	3.044	84	155	Below Cal	#	41
31) Cyclohexane	5.372	56	6698	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	25100	4.603	ug/l #	49
38) Carbon Tetrachloride	5.372	117	32326	5.653	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	117162	15.562	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	117162	57.469	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	157	1.784	ug/l #	84
95) Naphthalene	14.101	128	1238	1.805	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.333	180	133	1.202	ug/l #	23

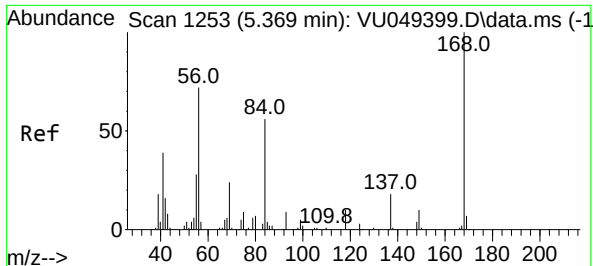
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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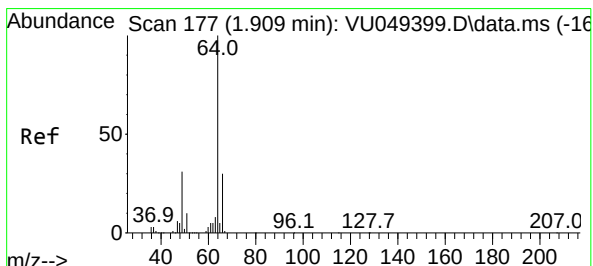
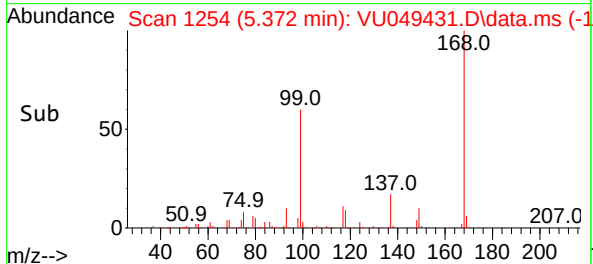
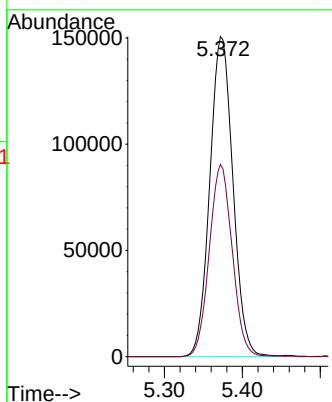
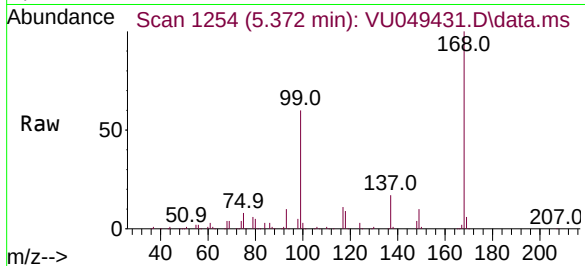




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

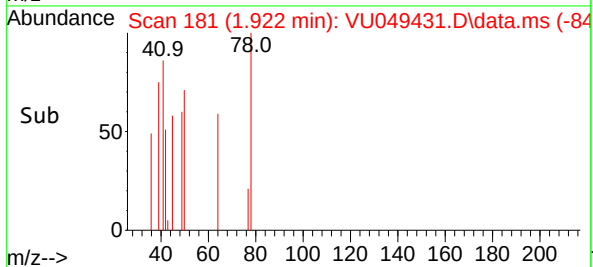
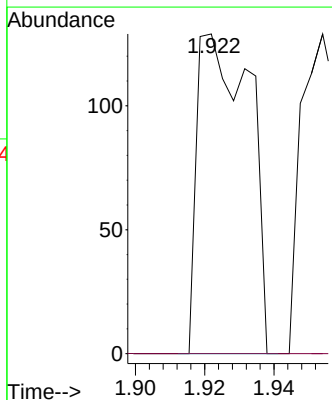
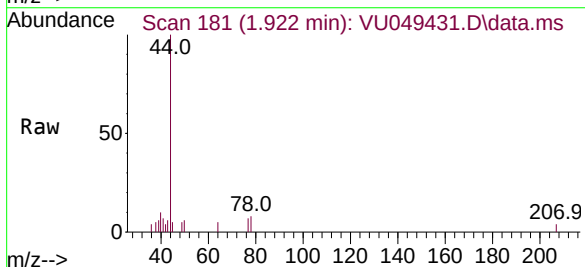
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20220614

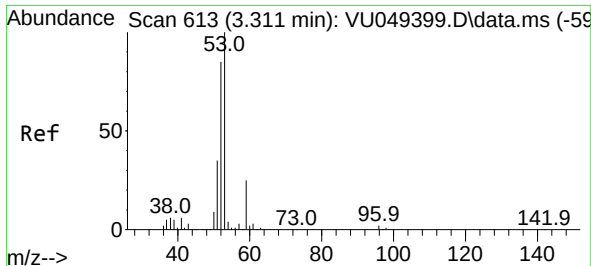
Tgt Ion:168 Resp: 310848
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#6
Chloroethane
Concen: 1.971 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: 0.331 ug/l

RT: 3.192 min Scan# 51

Delta R.T. -0.119 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

Instrument :

MSVOA_U

ClientSampleId :

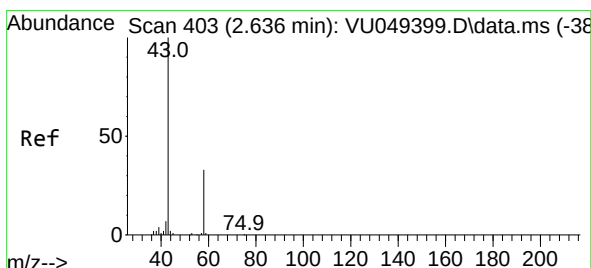
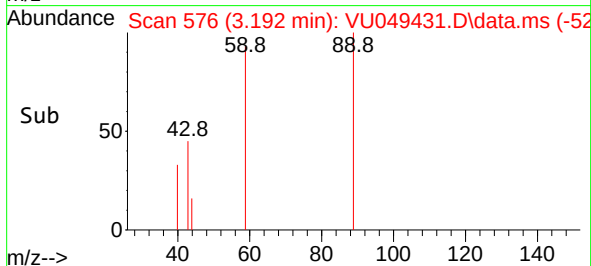
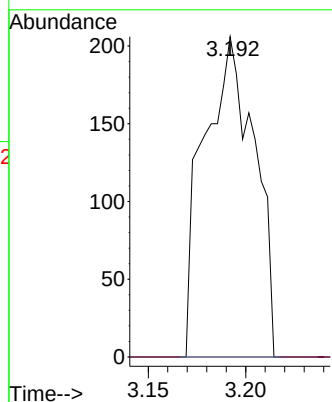
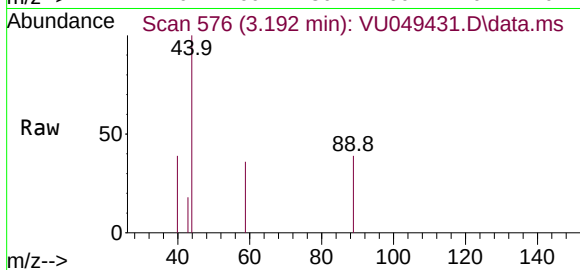
BPOW1-7-20220614

Tgt Ion: 59 Resp: 371

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#16

Acetone

Concen: 1.275 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU049431.D

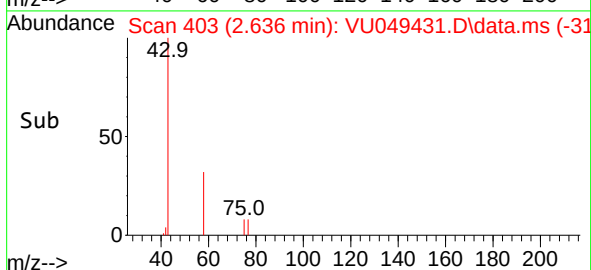
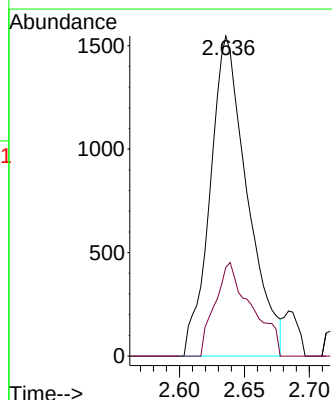
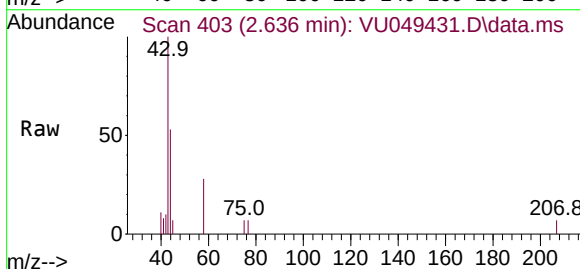
Acq: 28 Jun 2022 03:04

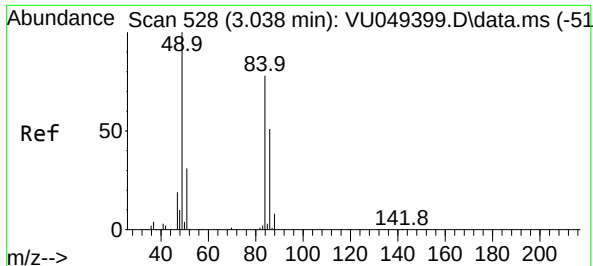
Tgt Ion: 43 Resp: 3078

Ion Ratio Lower Upper

43 100

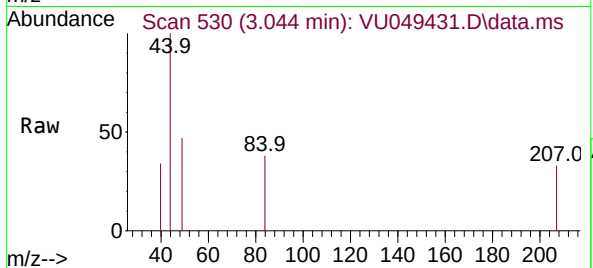
58 27.7 27.5 41.3



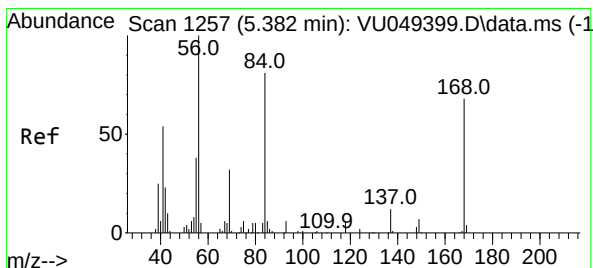
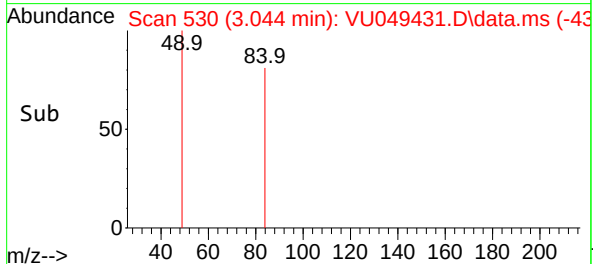
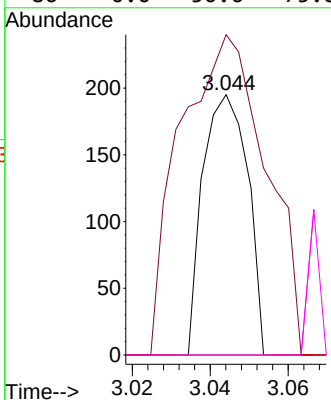


#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20220614

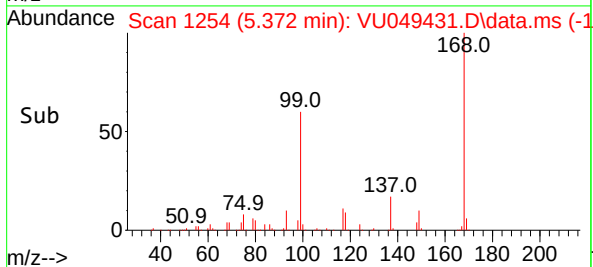
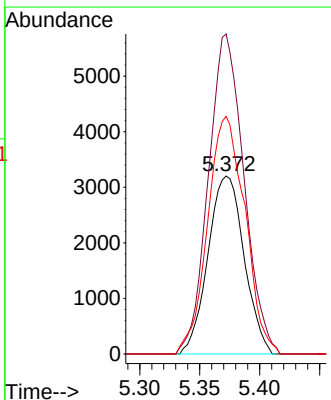
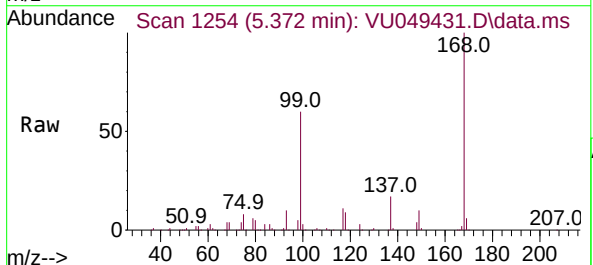


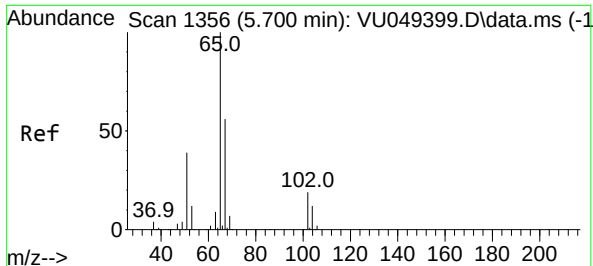
Tgt Ion:	84	Resp:	155
Ion	Ratio	Lower	Upper
84	100		
49	60.0	86.6	129.8#
51	0.0	26.6	40.0#
86	0.0	50.6	75.8#



#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Tgt Ion:	56	Resp:	6698
Ion	Ratio	Lower	Upper
56	100		
69	179.8	27.8	41.8#
84	133.5	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 42.972 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

Instrument :

MSVOA_U

ClientSampleId :

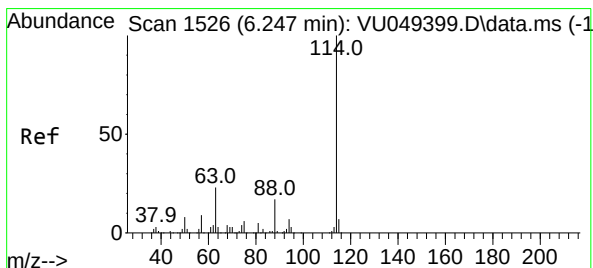
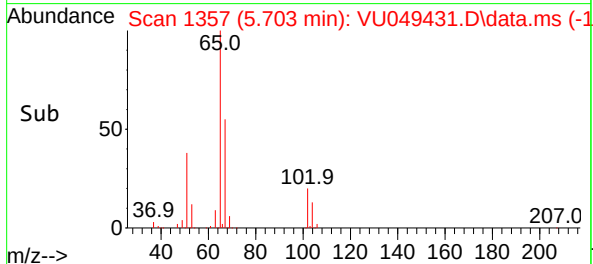
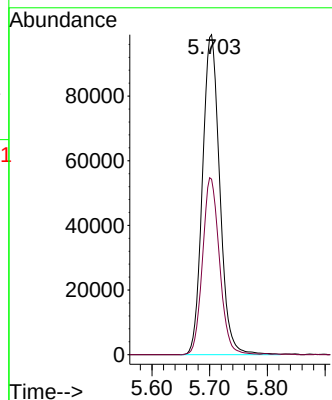
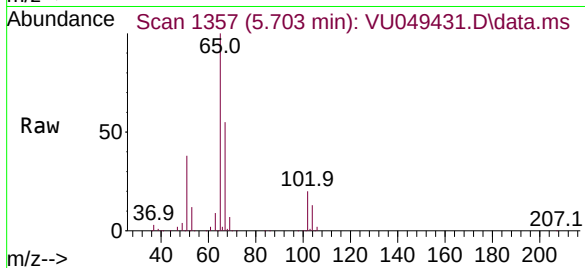
BPOW1-7-20220614

Tgt Ion: 65 Resp: 205720

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

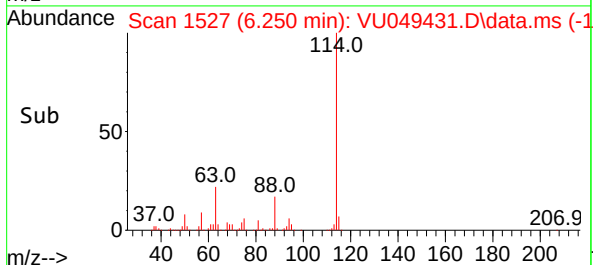
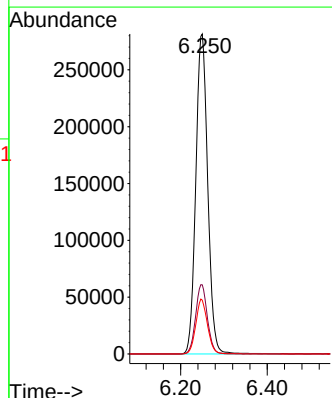
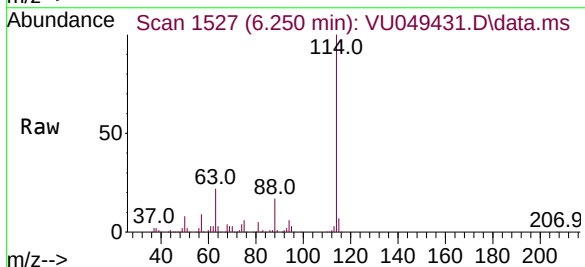
Tgt Ion: 114 Resp: 537527

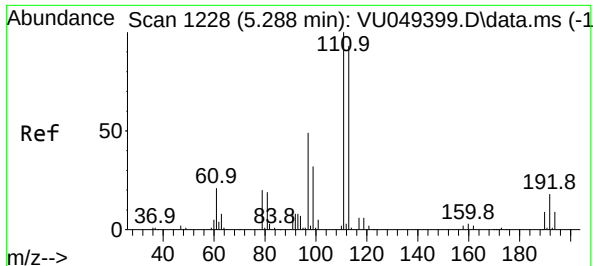
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 43.894 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

Instrument :

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ClientSampleId :

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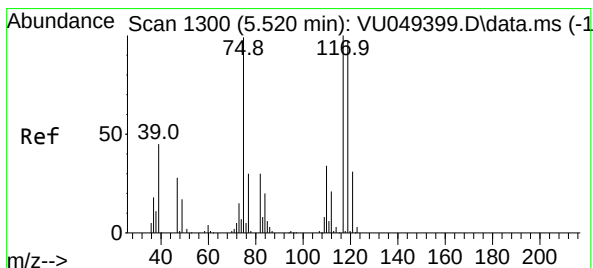
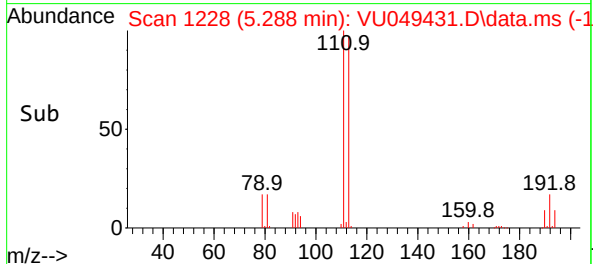
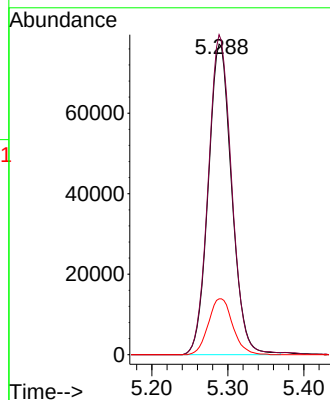
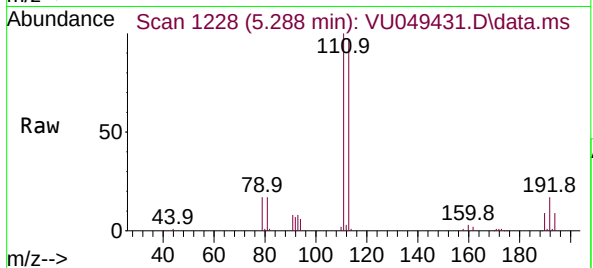
Tgt Ion:113 Resp: 165072

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 18.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

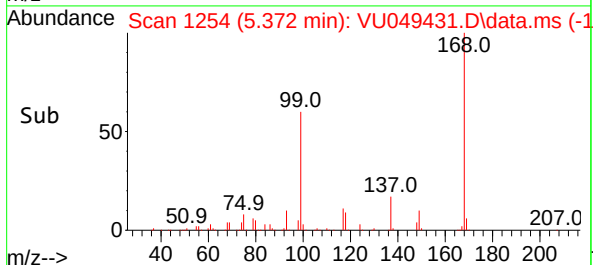
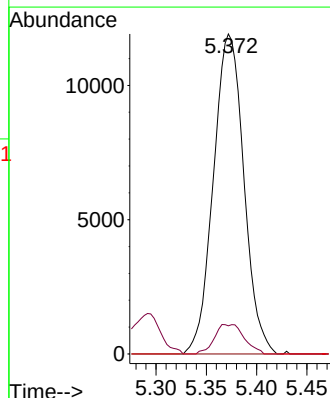
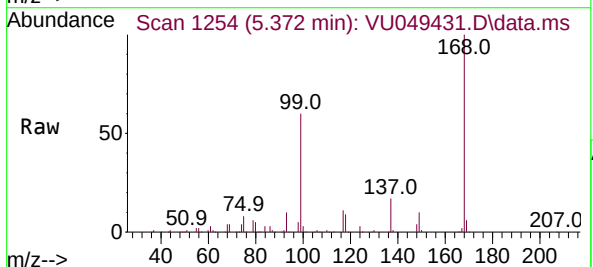
Tgt Ion: 75 Resp: 25100

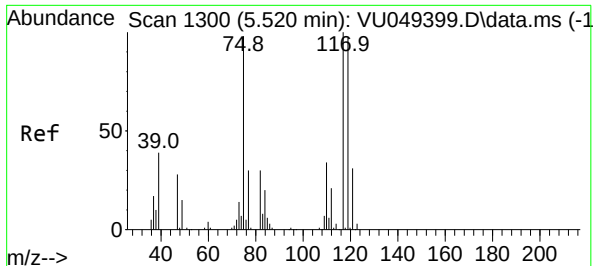
Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 25.1 37.7#

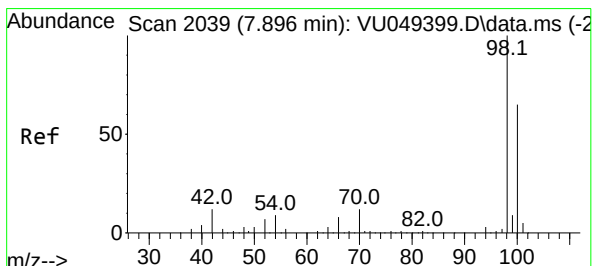
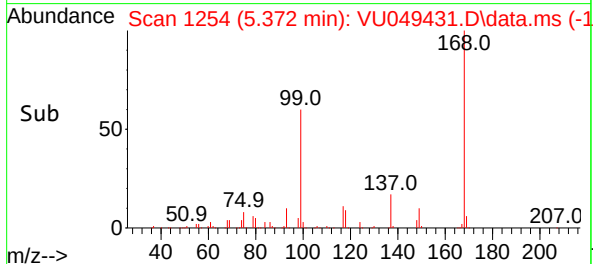
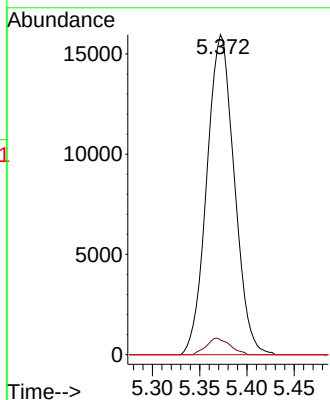
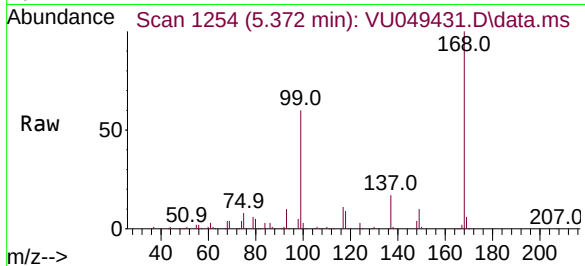




#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

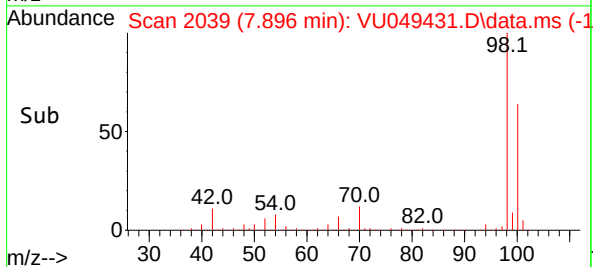
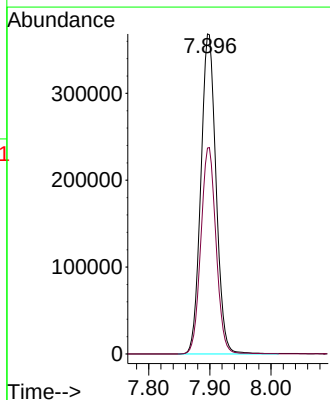
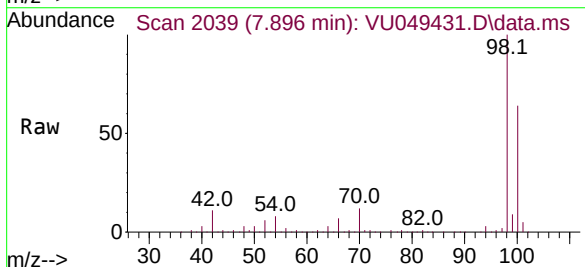
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20220614

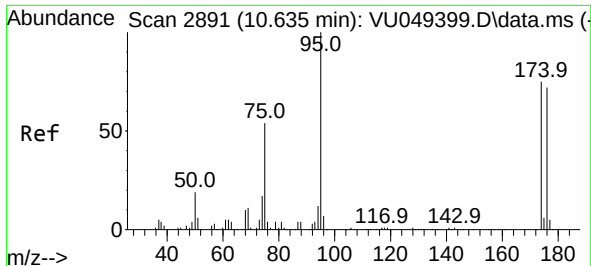
Tgt Ion:117 Resp: 32326
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.351 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Tgt Ion: 98 Resp: 635132
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

Instrument :

MSVOA_U

ClientSampleId :

BPOW1-7-20220614

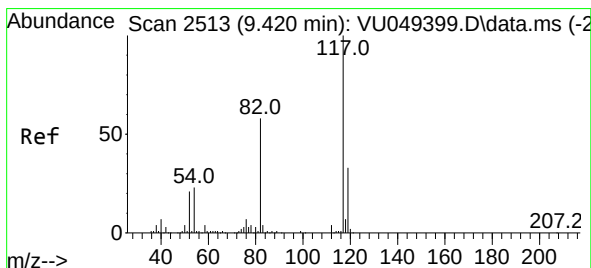
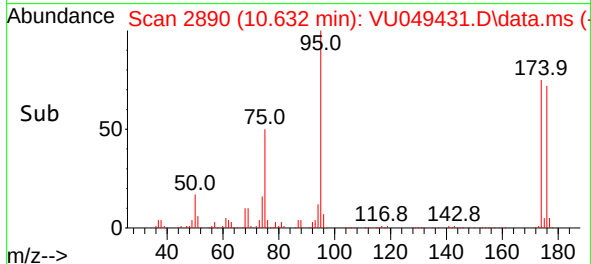
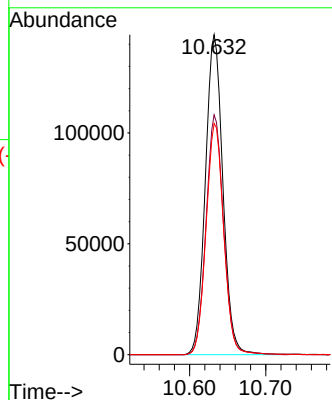
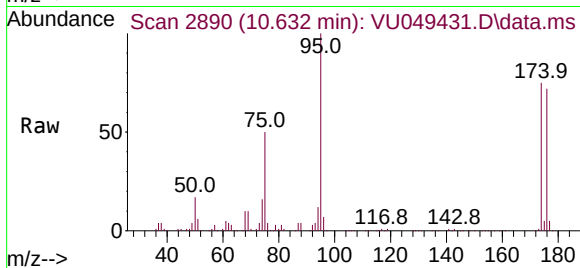
Tgt Ion: 95 Resp: 231042

Ion Ratio Lower Upper

95 100

174 75.2 0.0 182.0

176 72.7 0.0 177.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2512

Delta R.T. -0.003 min

Lab File: VU049431.D

Acq: 28 Jun 2022 03:04

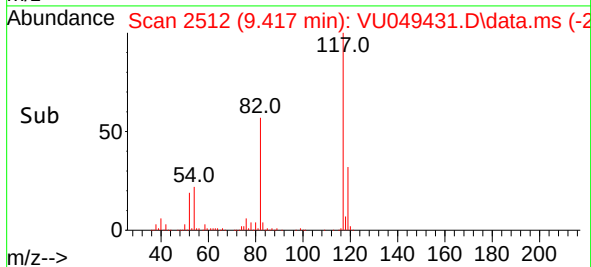
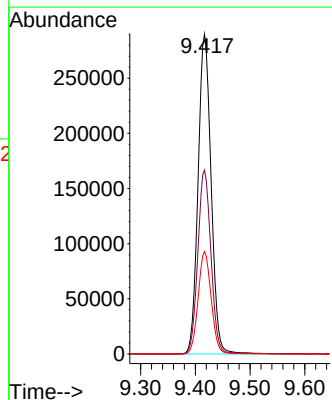
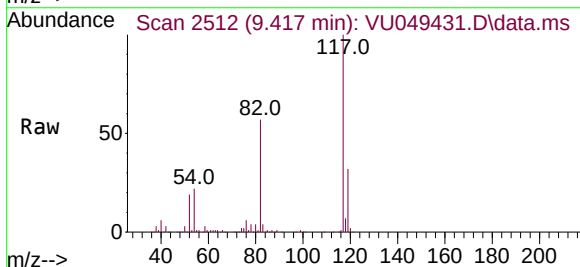
Tgt Ion: 117 Resp: 479245

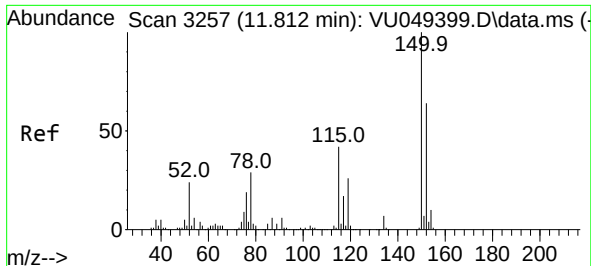
Ion Ratio Lower Upper

117 100

82 57.4 41.7 62.5

119 32.0 25.7 38.5

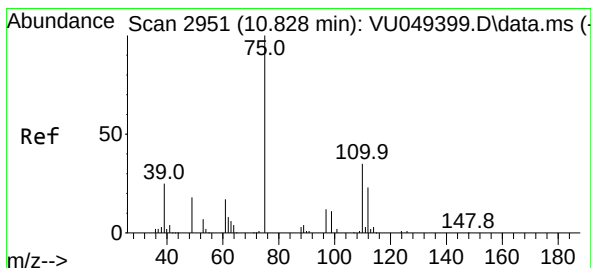
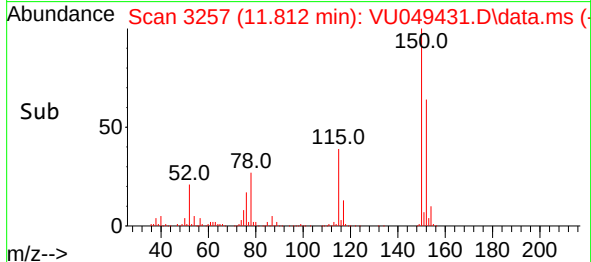
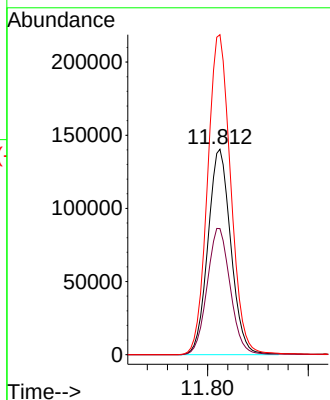
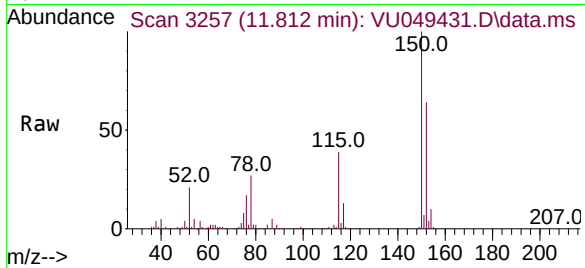




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049431.D
 Acq: 28 Jun 2022 03:04

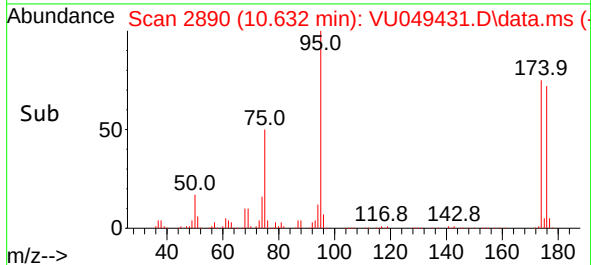
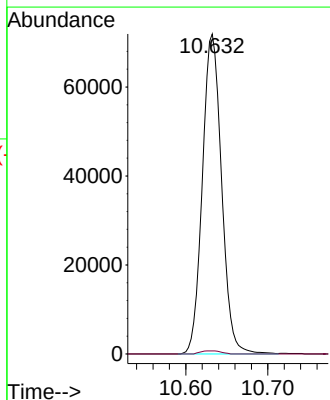
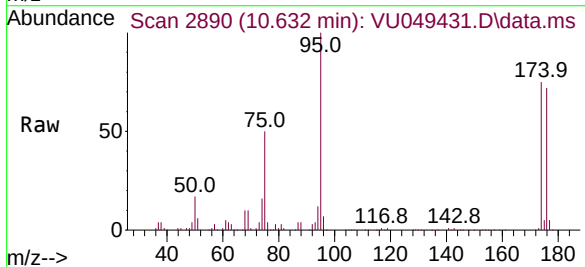
Instrument :
 MSVOA_U
 ClientSampleId :
 BPOW1-7-20220614

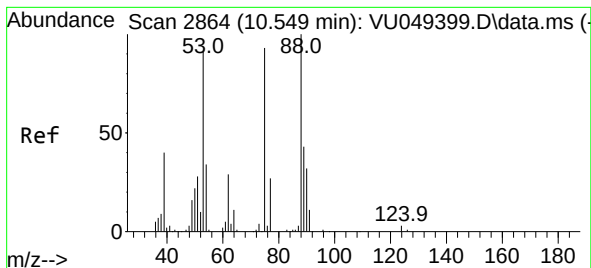
Tgt Ion:152 Resp: 222090
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.0 110.9
 150 157.9 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.562 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049431.D
 Acq: 28 Jun 2022 03:04

Tgt Ion: 75 Resp: 117162
 Ion Ratio Lower Upper
 75 100
 77 1.0 15.8 47.3#

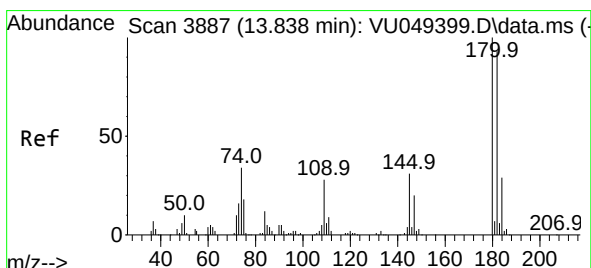
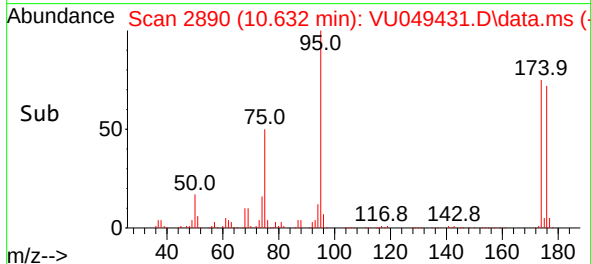
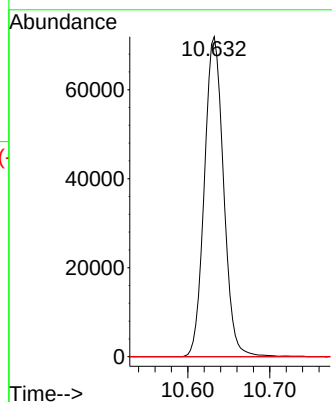
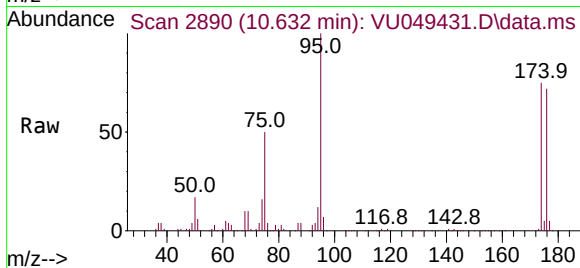




#81
trans-1,4-Dichloro-2-butene
Concen: 57.469 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

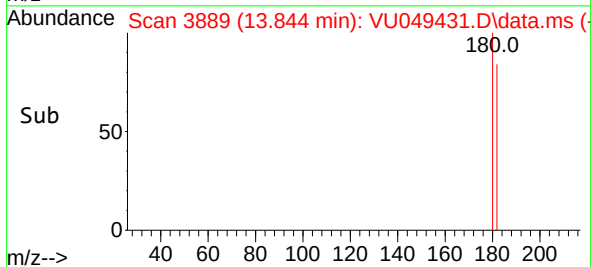
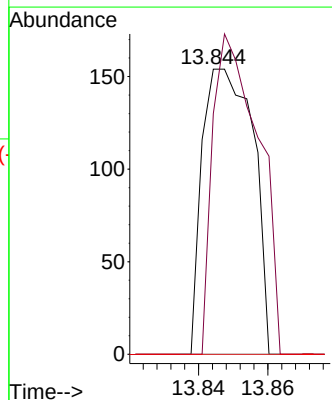
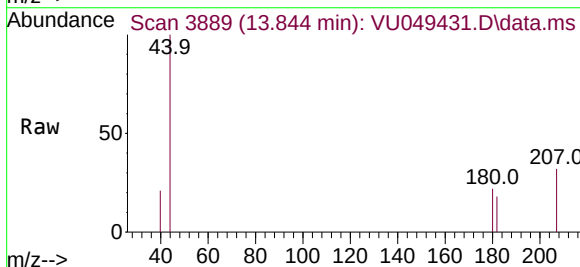
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20220614

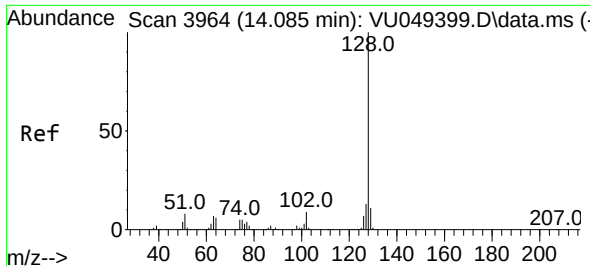
Tgt Ion: 75 Resp: 117162
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.784 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Tgt Ion: 180 Resp: 157
Ion Ratio Lower Upper
180 100
182 100.6 47.9 143.6
145 0.0 14.0 41.9#

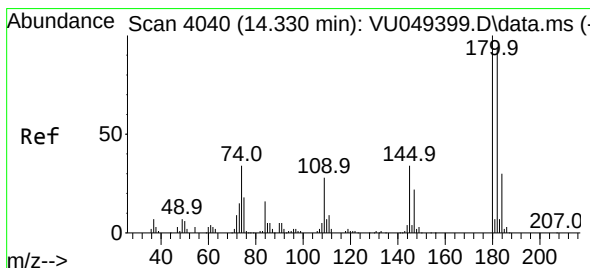
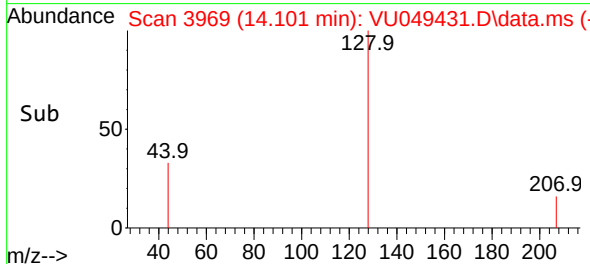
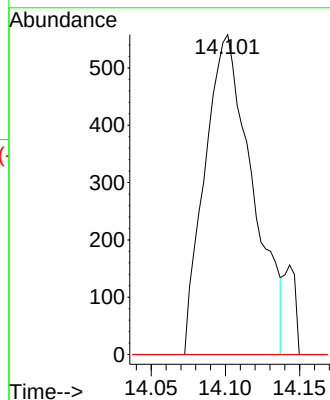
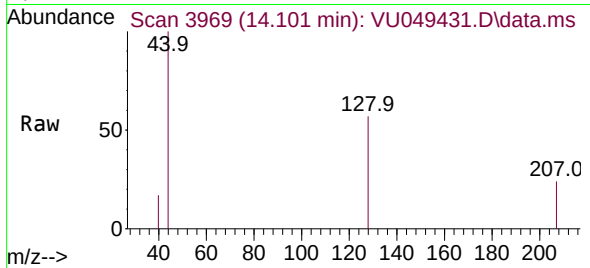




#95
Naphthalene
Concen: 1.805 ug/l
RT: 14.101 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20220614

Tgt Ion:	128	Resp:	1238
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.202 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049431.D
Acq: 28 Jun 2022 03:04

Tgt Ion:	180	Resp:	133
Ion Ratio	Lower	Upper	
180	100		
182	15.0	48.4	145.0#
145	0.0	14.8	44.4#

