

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029799.D
 Acq On : 25 Jun 2022 05:03
 Operator : JC/MD
 Sample : N3386-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20220614

Quant Time: Jun 25 05:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

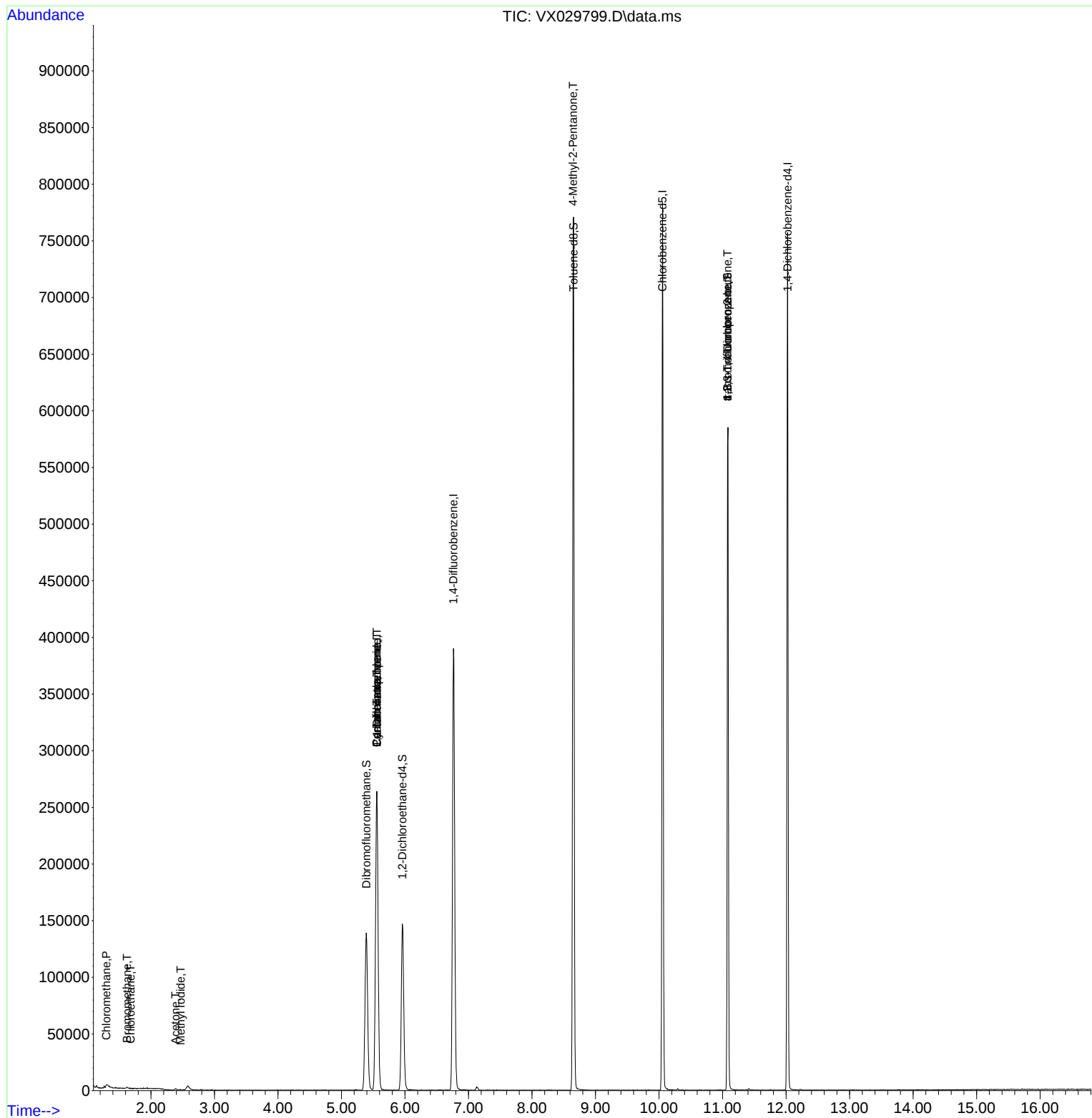
Internal Standards						
1) Pentafluorobenzene	5.556	168	256209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141700	41.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.560%
35) Dibromofluoromethane	5.391	113	125871	44.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.620%
50) Toluene-d8	8.653	98	480289	46.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.620%
62) 4-Bromofluorobenzene	11.079	95	172920	44.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	738	0.221	ug/l	91
5) Bromomethane	1.624	94	513	0.327	ug/l	92
6) Chloroethane	1.678	64	54	1.315	ug/l #	43
10) Methyl Iodide	2.465	142	438	3.152	ug/l #	75
11) Tert butyl alcohol	2.940	59	227	Below Cal	#	72
16) Acetone	2.386	43	1548	1.145	ug/l	97
31) Cyclohexane	5.556	56	4398	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18569	4.885	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25292	6.765	ug/l #	15
44) Trichloroethene	7.129	130	1284	Below Cal		70
51) 4-Methyl-2-Pentanone	8.647	43	1460	0.374	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80820	23.092	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80820	76.822	ug/l #	15

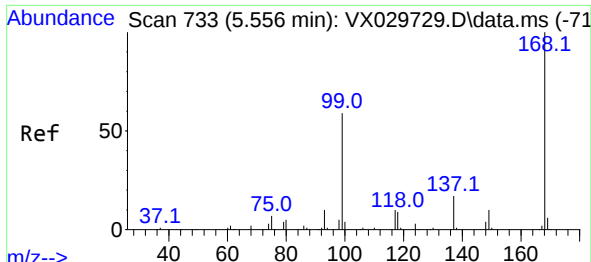
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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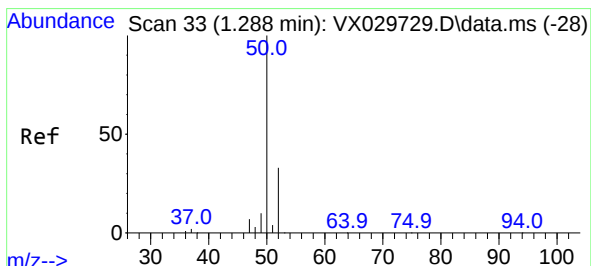
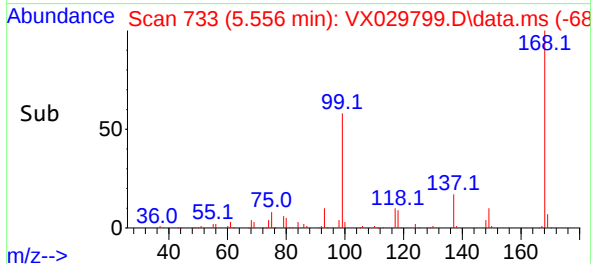
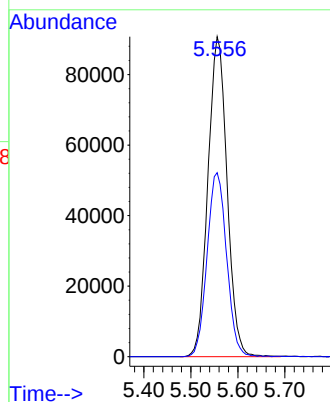
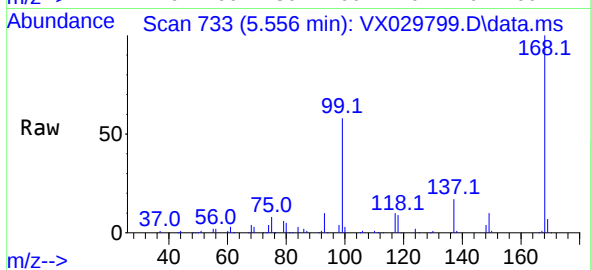




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

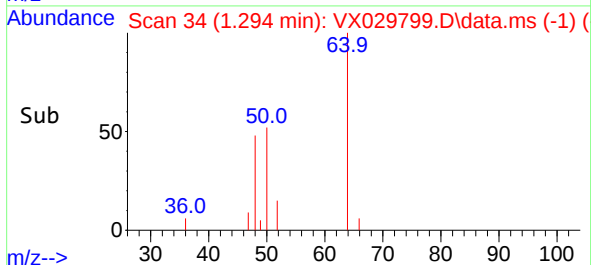
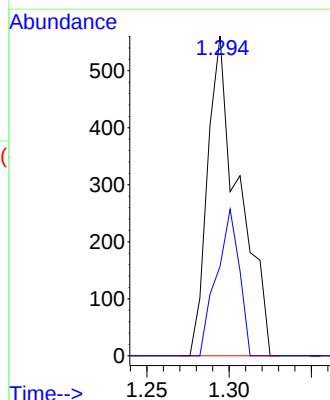
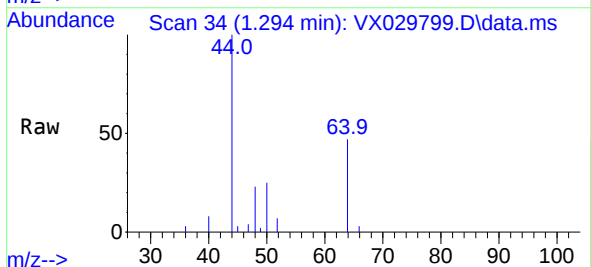
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

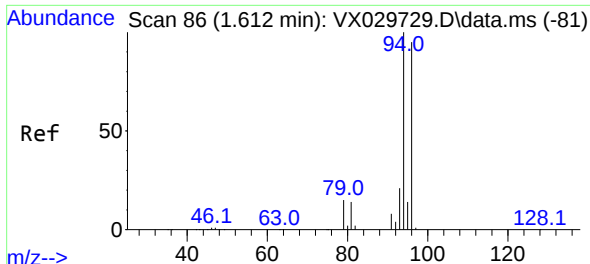
Tgt Ion:168 Resp: 256209
Ion Ratio Lower Upper
168 100
99 57.5 41.7 62.5



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

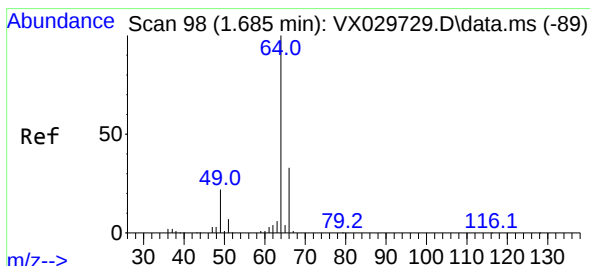
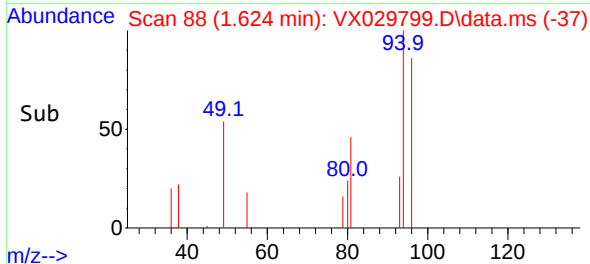
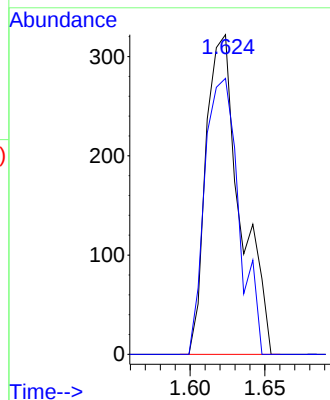
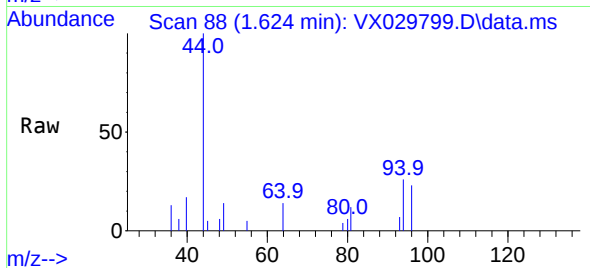




#5
Bromomethane
Concen: 0.327 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

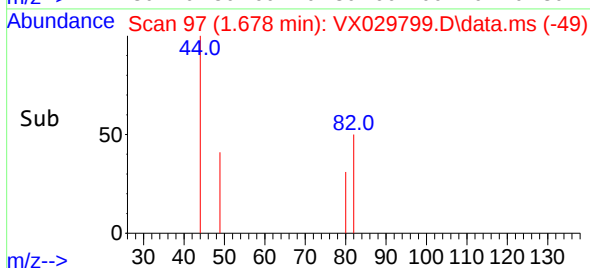
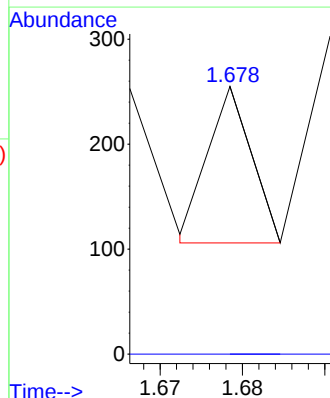
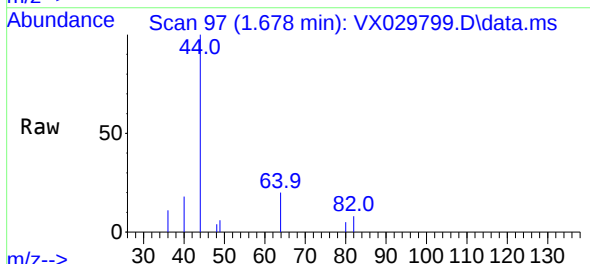
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

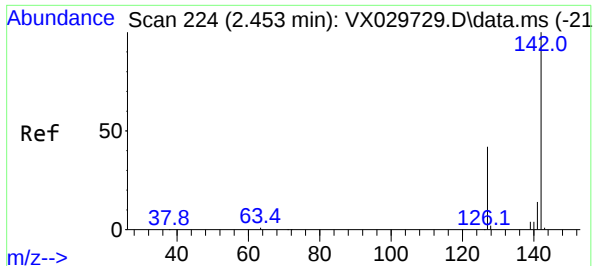
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 86.3 75.3 112.9



#6
Chloroethane
Concen: 1.315 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

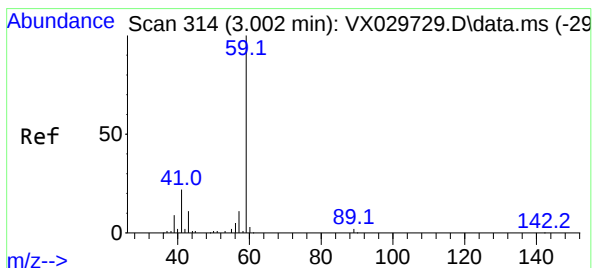
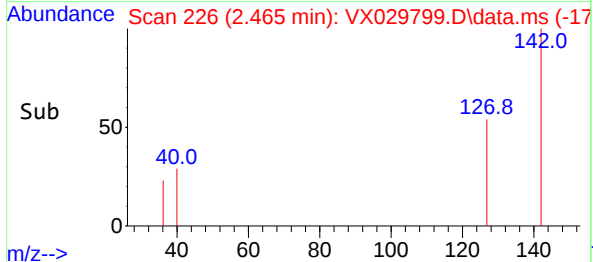
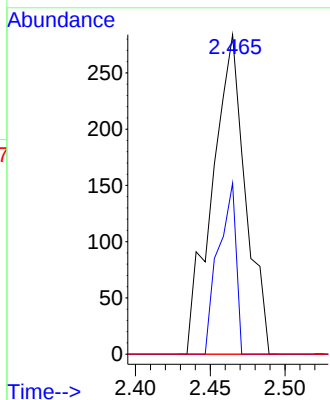
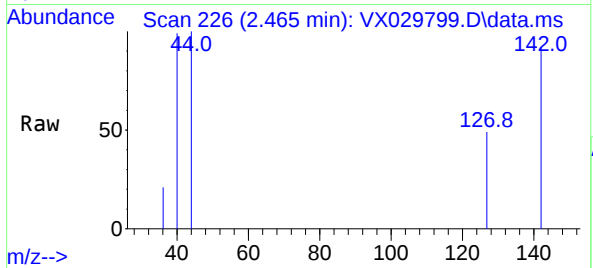




#10
Methyl Iodide
Concen: 3.152 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

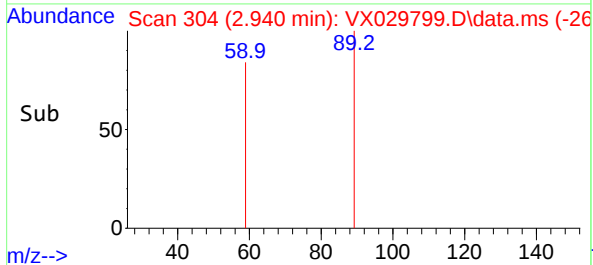
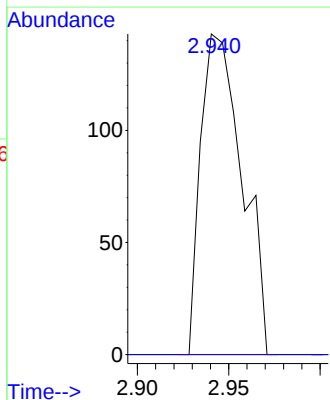
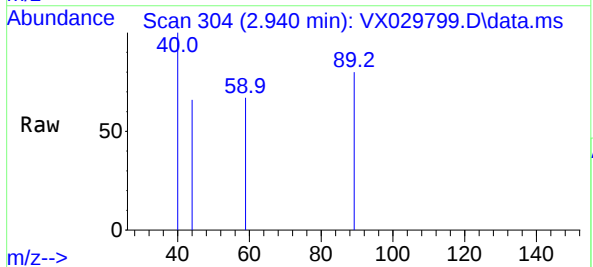
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

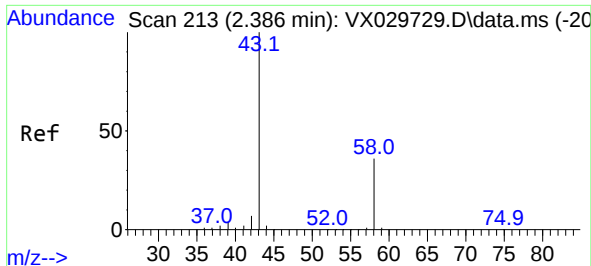
Tgt Ion:142 Resp: 438
Ion Ratio Lower Upper
142 100
127 28.5 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

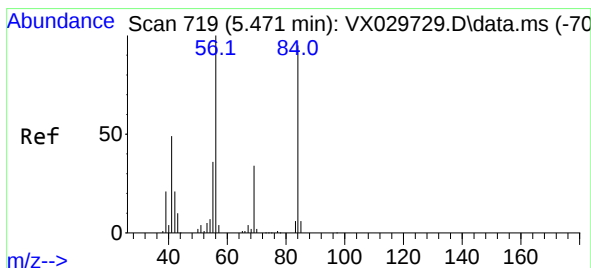
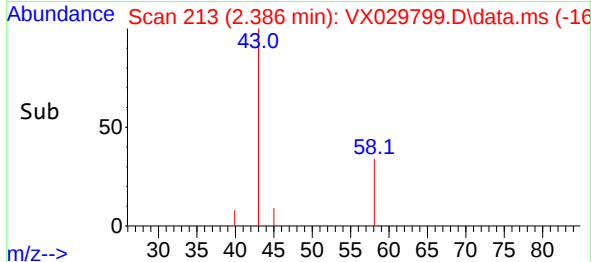
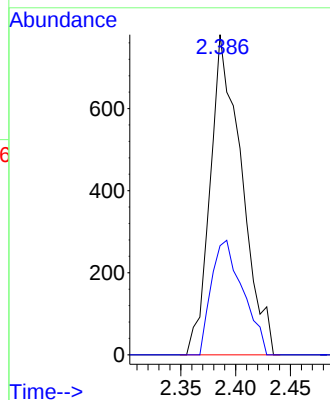
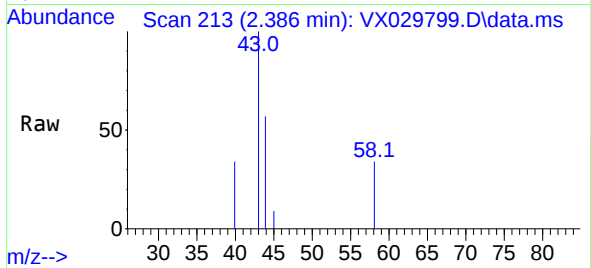




#16
Acetone
Concen: 1.145 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

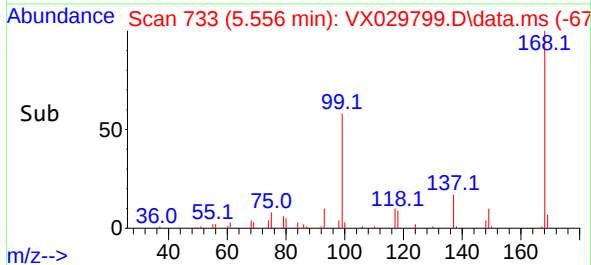
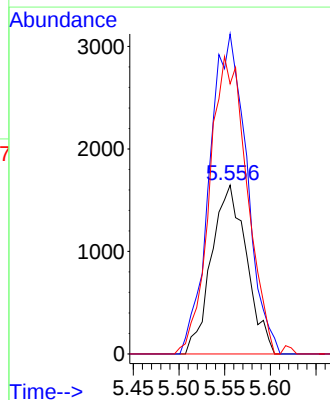
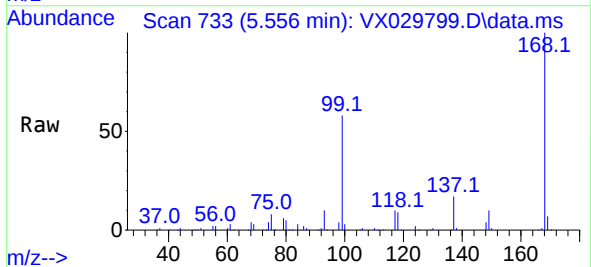
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

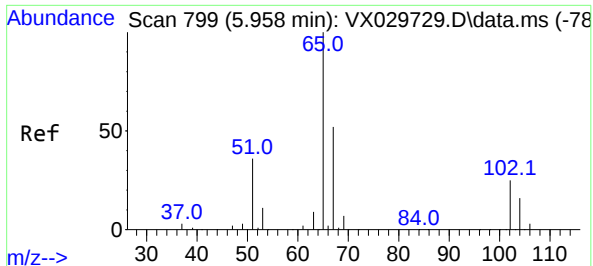
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 34.1 28.8 43.2



#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion: 56 Resp: 4398
Ion Ratio Lower Upper
56 100
69 189.6 26.7 40.1#
84 160.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.781 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029799.D

Acq: 25 Jun 2022 05:03

Instrument :

MSVOA_X

ClientSampleId :

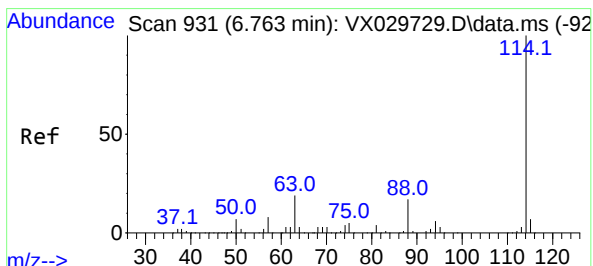
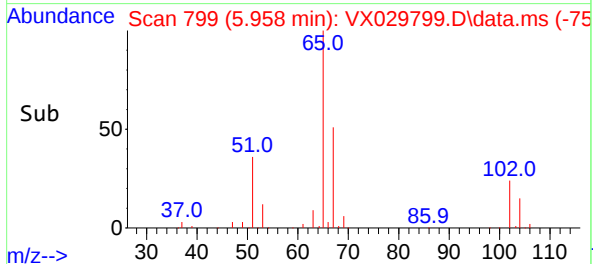
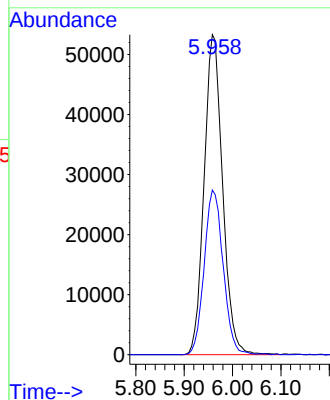
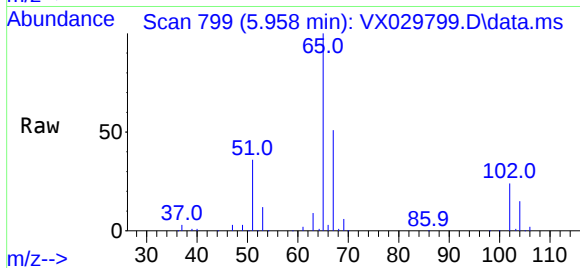
BPOW1-8-20220614

Tgt Ion: 65 Resp: 141700

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029799.D

Acq: 25 Jun 2022 05:03

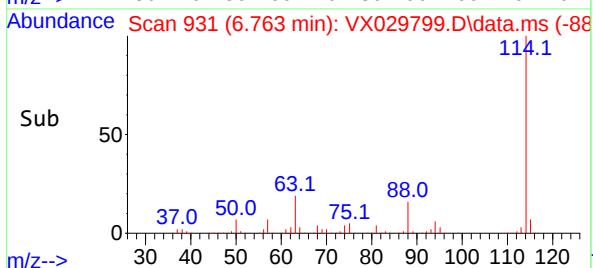
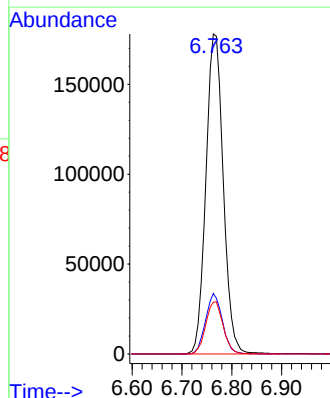
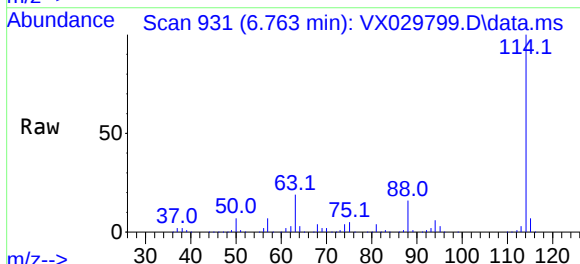
Tgt Ion: 114 Resp: 431008

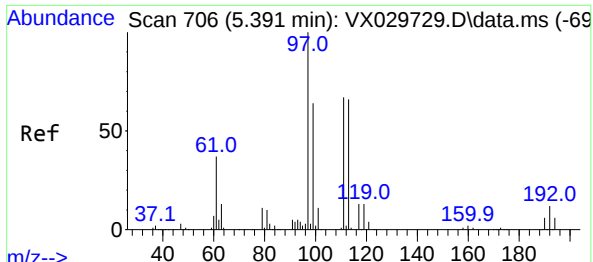
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.1 0.0 32.4

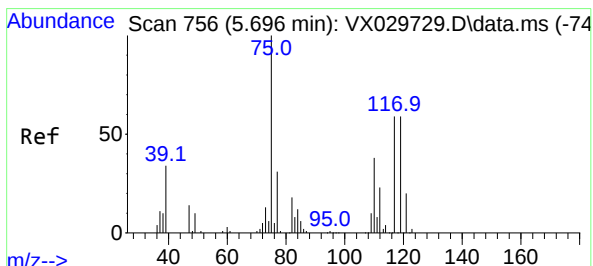
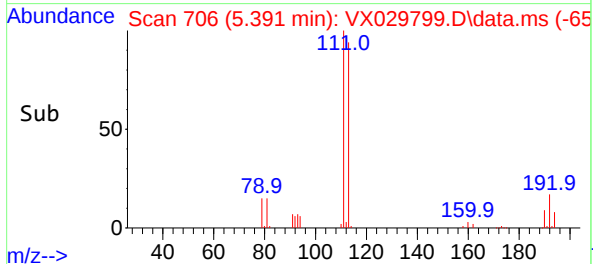
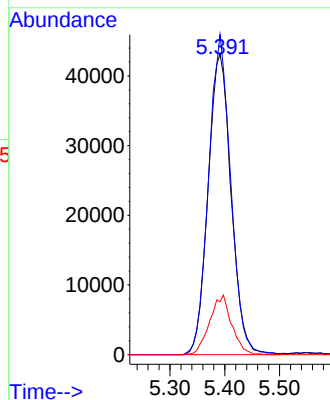
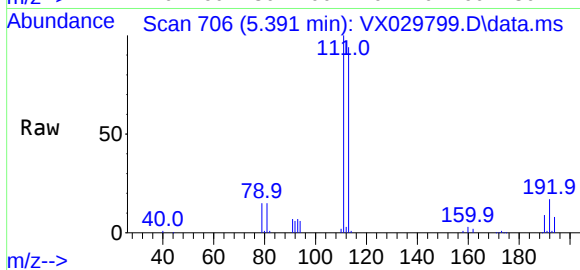




#35
Dibromofluoromethane
Concen: 44.813 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

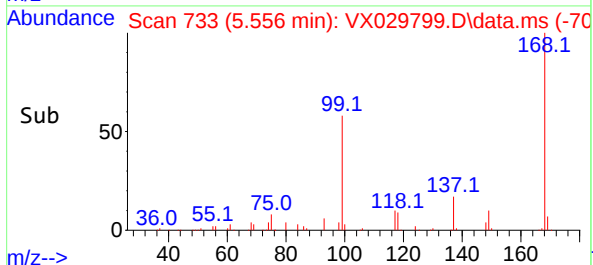
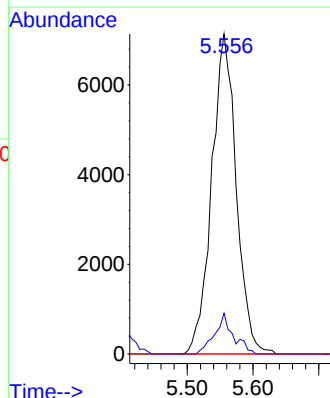
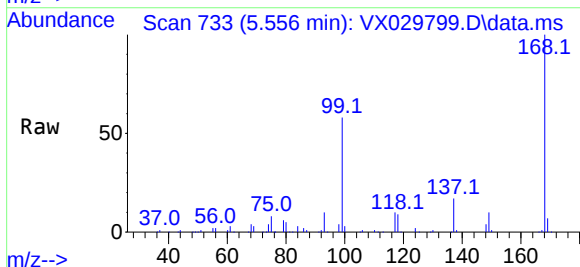
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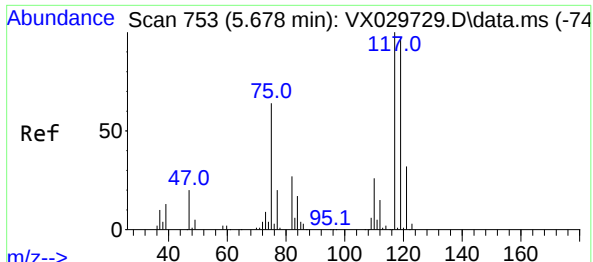
Tgt Ion:113 Resp: 125871
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

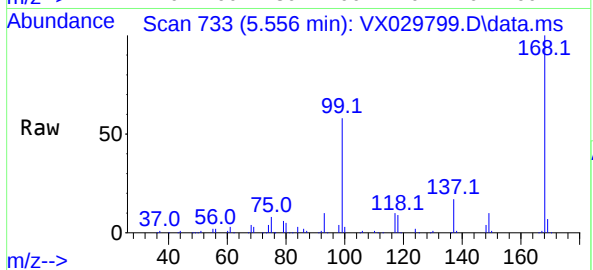
Tgt Ion: 75 Resp: 18569
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



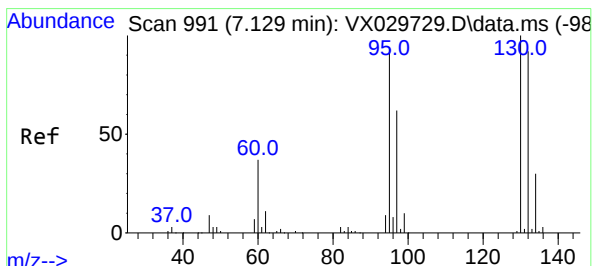
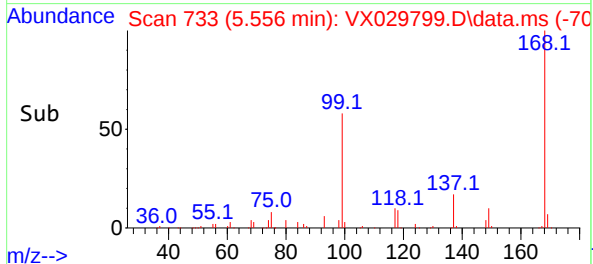
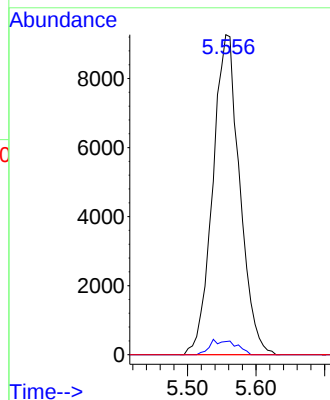


#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

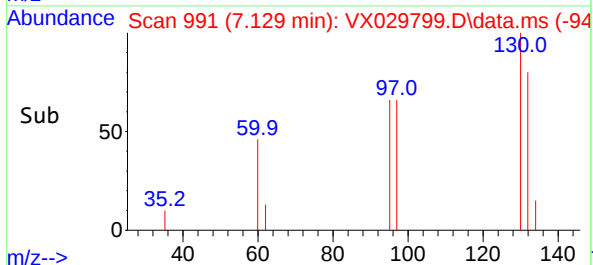
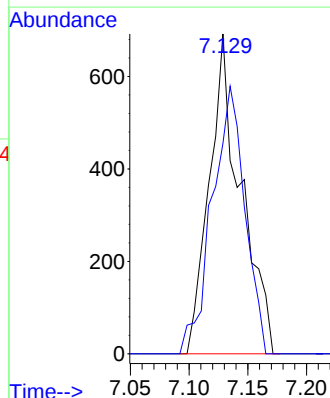
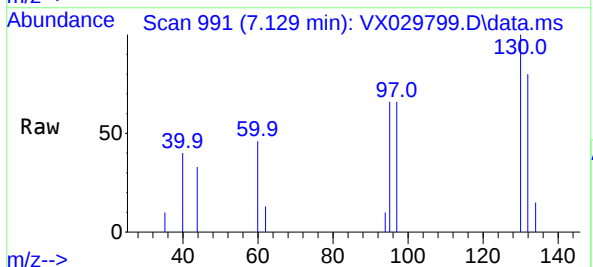


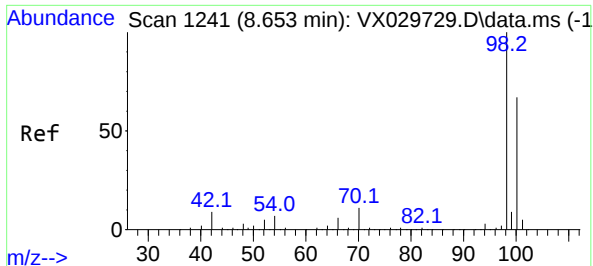
Tgt Ion:117 Resp: 25292
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion:130 Resp: 1284
Ion Ratio Lower Upper
130 100
95 65.8 0.0 188.8





#50

Toluene-d8

Concen: 46.807 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029799.D

Acq: 25 Jun 2022 05:03

Instrument :

MSVOA_X

ClientSampleId :

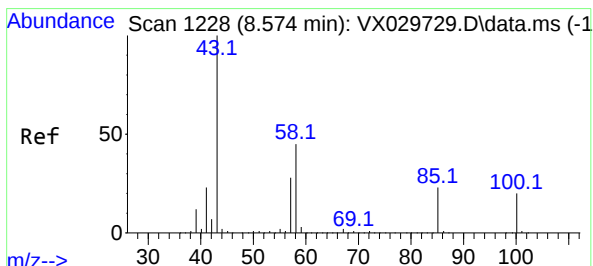
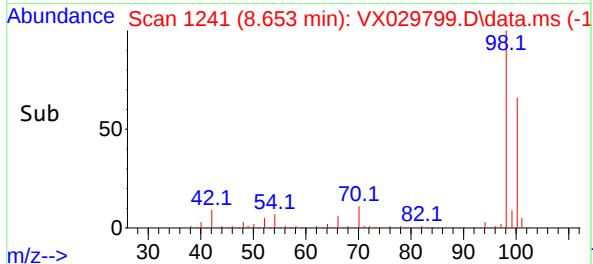
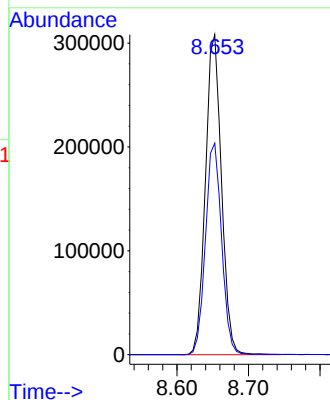
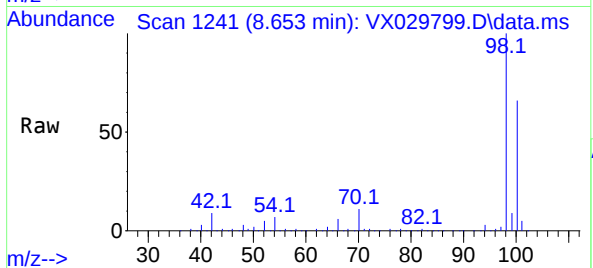
BPOW1-8-20220614

Tgt Ion: 98 Resp: 480289

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.374 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX029799.D

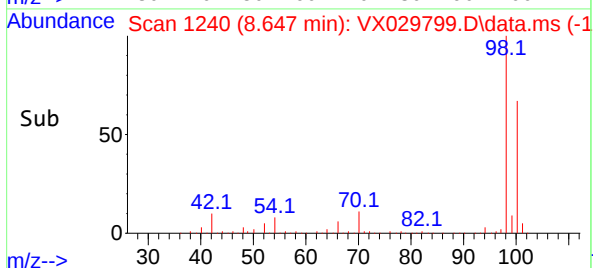
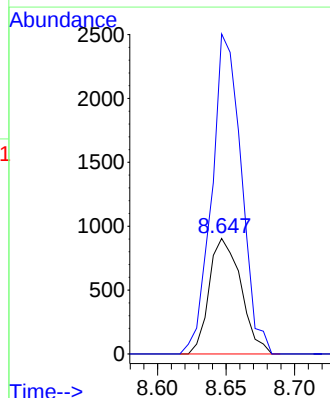
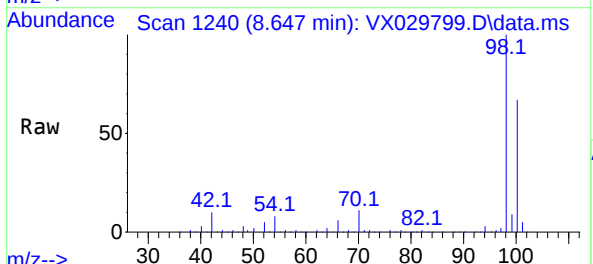
Acq: 25 Jun 2022 05:03

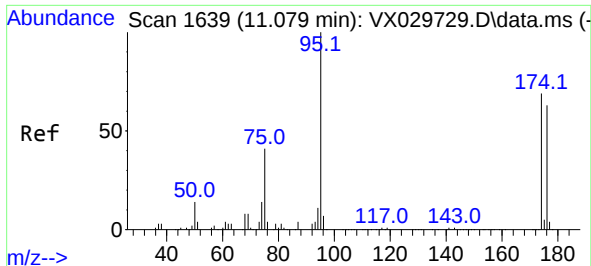
Tgt Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

58 257.9 36.1 54.1#

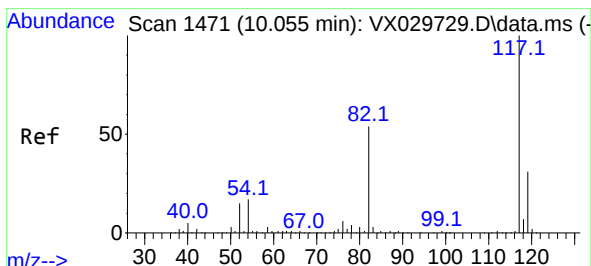
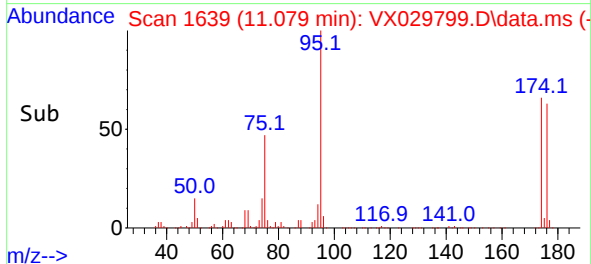
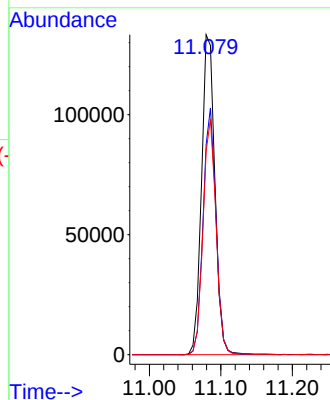
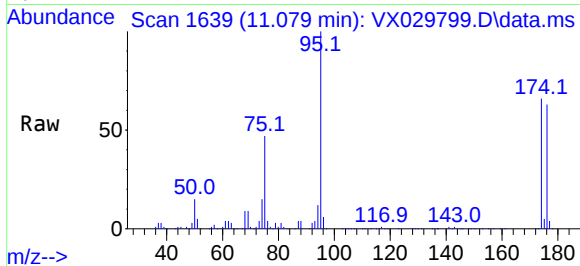




#62
4-Bromofluorobenzene
Concen: 44.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

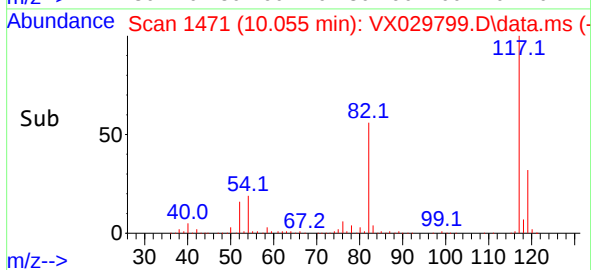
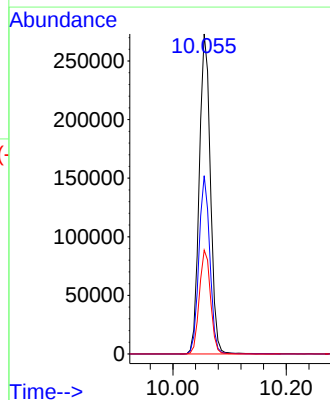
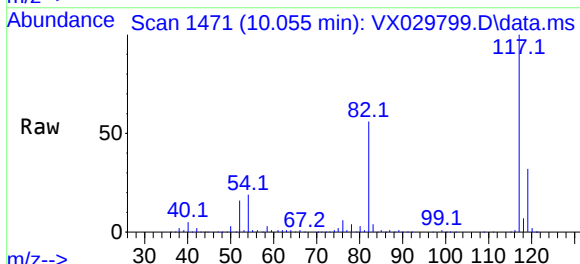
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

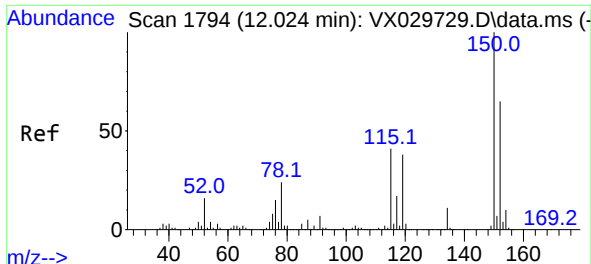
Tgt Ion: 95 Resp: 172920
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 71.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

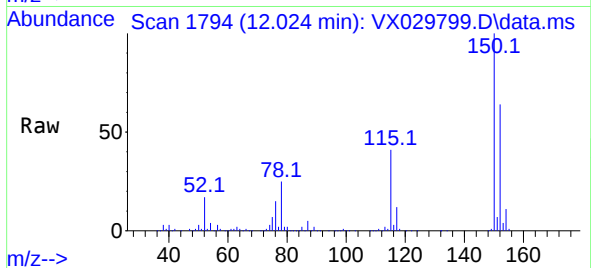
Tgt Ion: 117 Resp: 372010
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.5 24.8 37.2



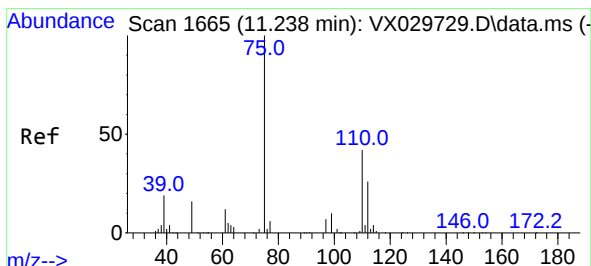
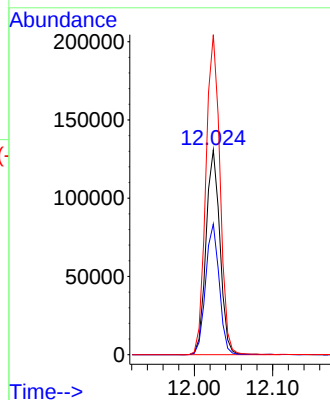
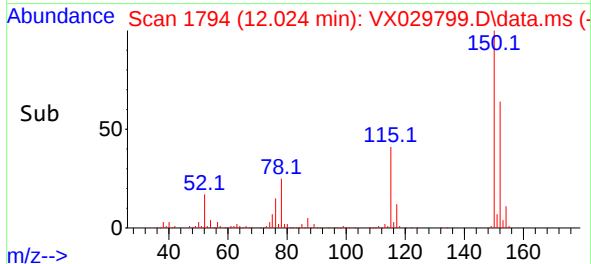


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20220614

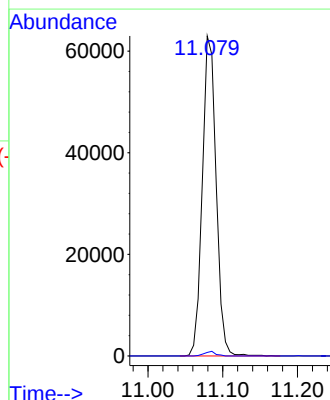
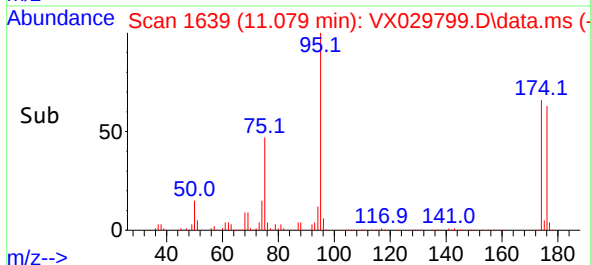
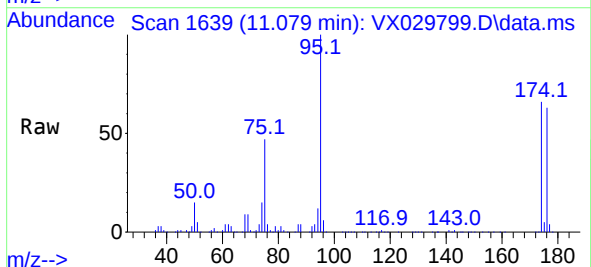


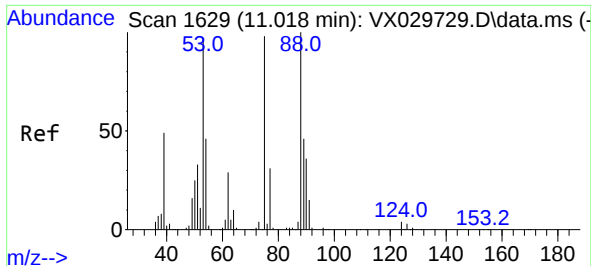
Tgt Ion:152 Resp: 160655
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 158.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029799.D
Acq: 25 Jun 2022 05:03

Tgt Ion: 75 Resp: 80820
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.822 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029799.D
 Acq: 25 Jun 2022 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20220614

Tgt Ion: 75 Resp: 80820
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

