

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040198.D
 Acq On : 12 Feb 2024 14:42
 Operator : JC/MD
 Sample : P1438-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240207

Quant Time: Feb 12 16:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

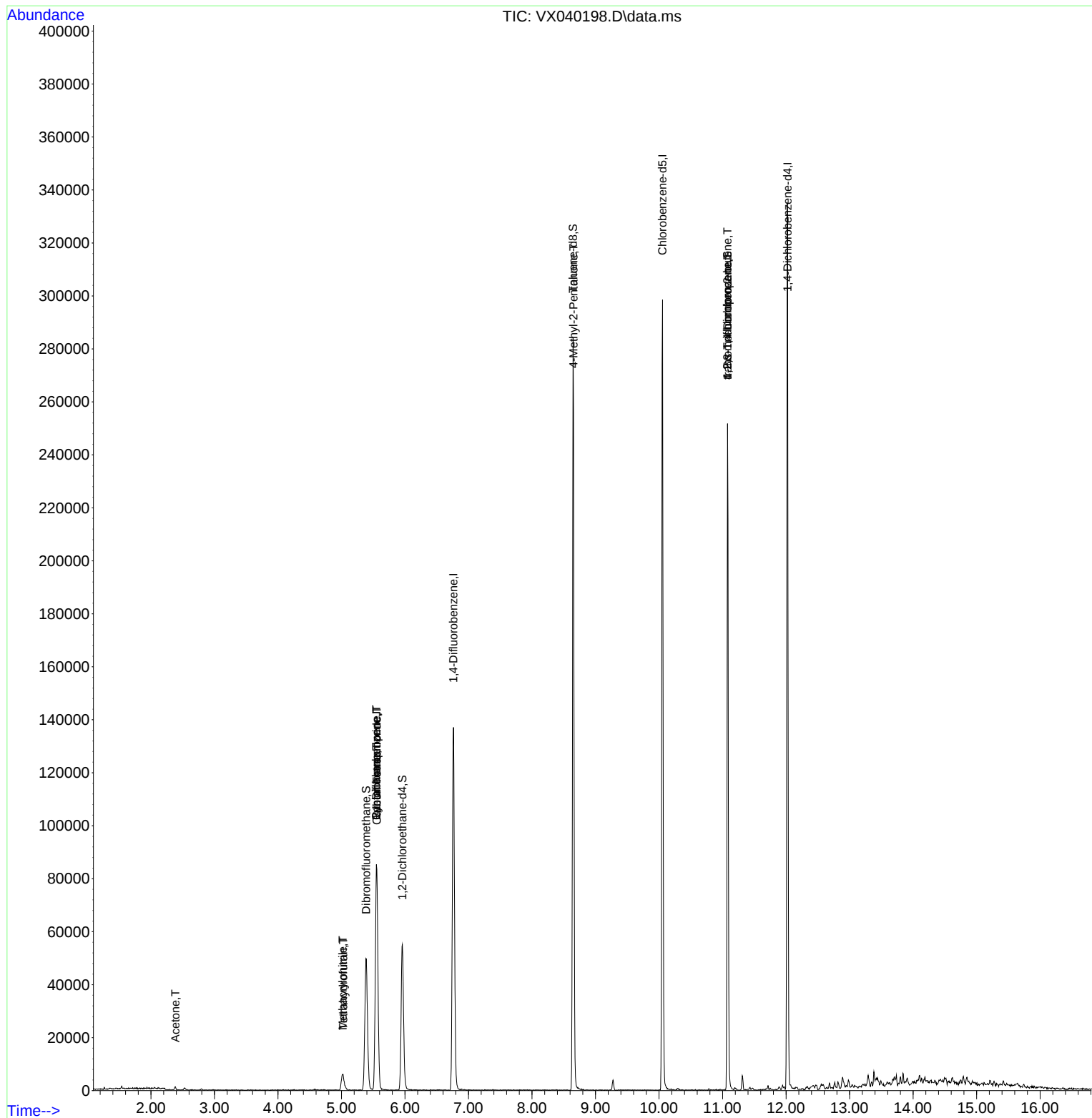
Internal Standards						
1) Pentafluorobenzene	5.550	168	80901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54053	44.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.820%
35) Dibromofluoromethane	5.385	113	43595	45.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	8.647	98	166633	46.139	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.280%
62) 4-Bromofluorobenzene	11.079	95	67473	45.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1276	2.581	ug/l	91
20) Methylene Chloride	2.794	84	200	Below Cal	#	65
29) Tetrahydrofuran	5.025	42	5846	11.613	ug/l	95
31) Cyclohexane	5.550	56	1922	1.339	ug/l	# 50
36) 1,1-Dichloropropene	5.550	75	6668	4.930	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	8142	6.332	ug/l	# 15
41) Methacrylonitrile	5.019	41	3438	4.310	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.653	43	671	0.418	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	36128	25.679	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	36128	70.540	ug/l	# 5

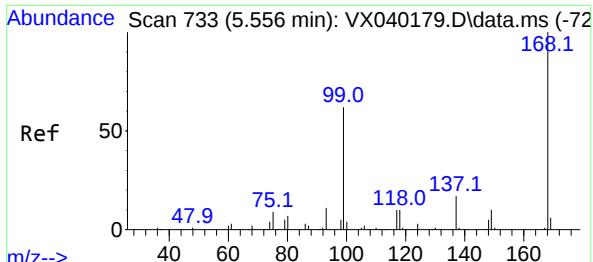
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

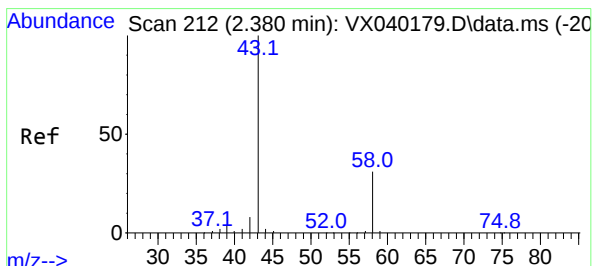
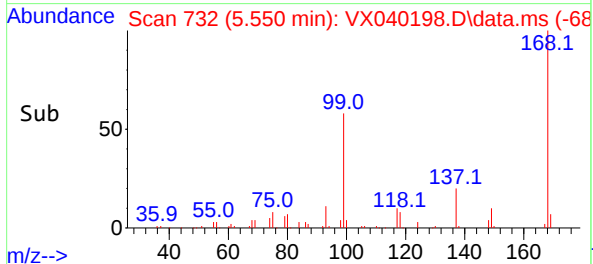
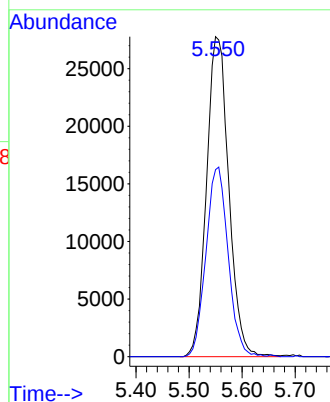
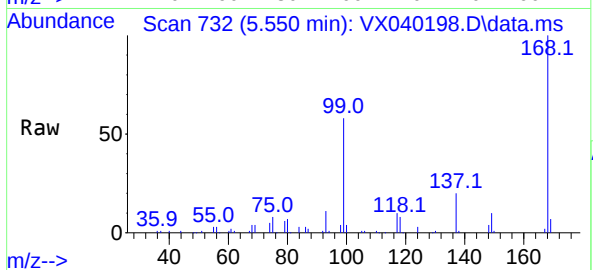




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

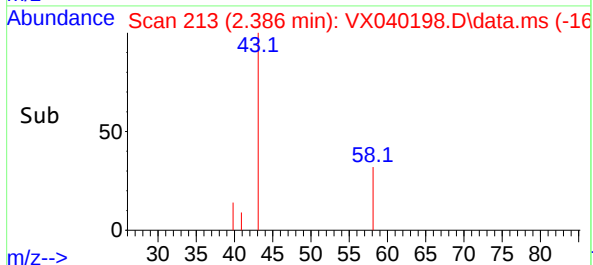
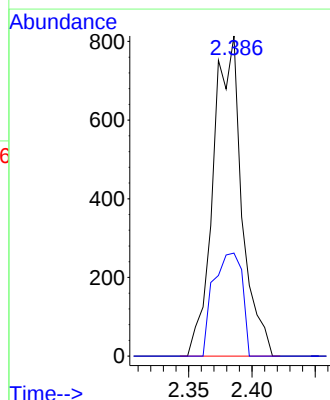
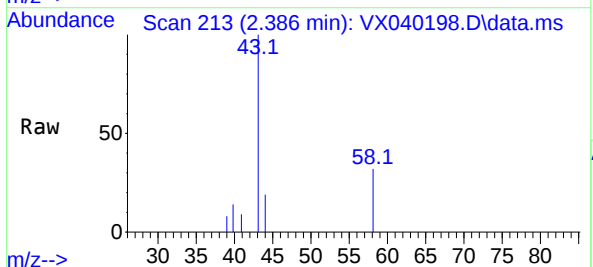
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

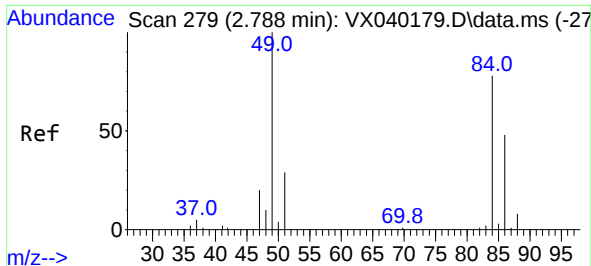
Tgt Ion:168 Resp: 80901
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 2.581 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040198.D

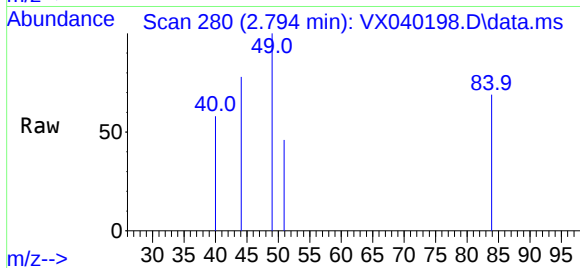
Acq: 12 Feb 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240207



Tgt Ion: 84 Resp: 200

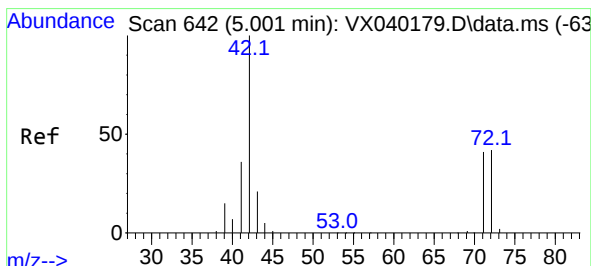
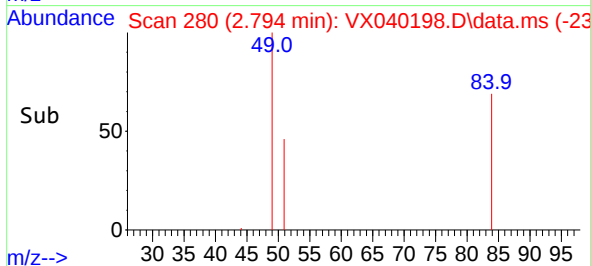
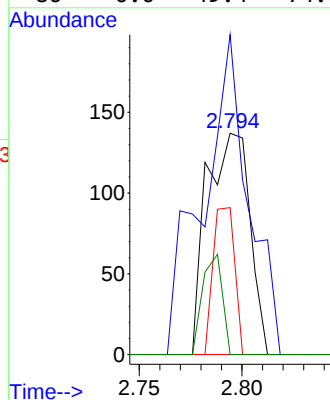
Ion Ratio Lower Upper

84 100

49 144.5 103.6 155.4

51 66.4 33.8 50.6#

86 0.0 49.4 74.0#



#29

Tetrahydrofuran

Concen: 11.613 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX040198.D

Acq: 12 Feb 2024 14:42

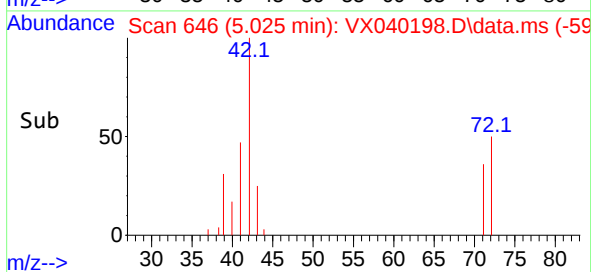
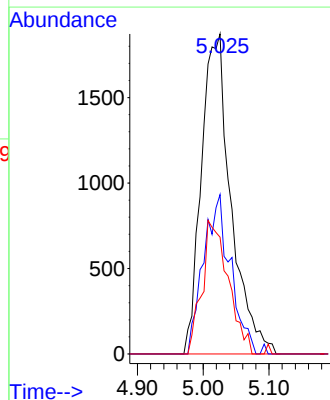
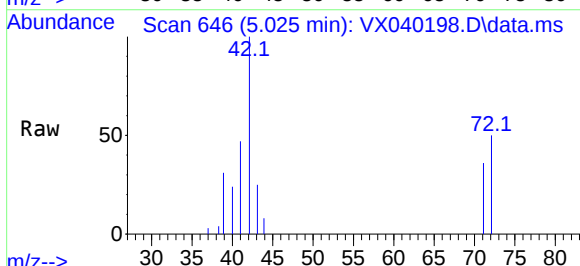
Tgt Ion: 42 Resp: 5846

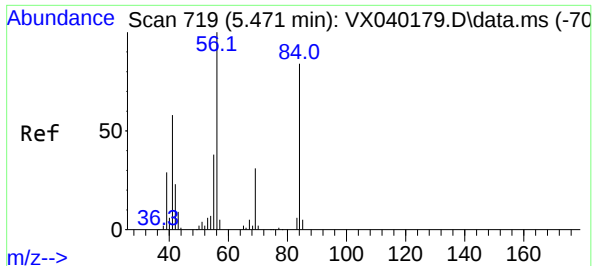
Ion Ratio Lower Upper

42 100

72 45.4 34.2 51.4

71 36.9 32.2 48.2

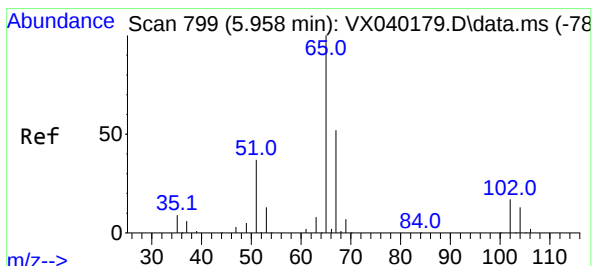
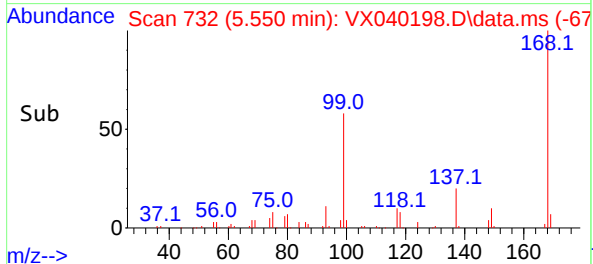
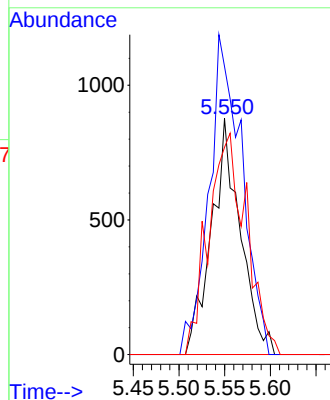
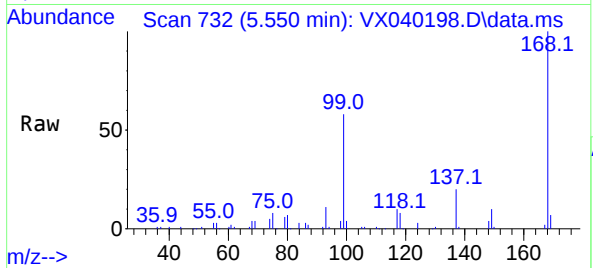




#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

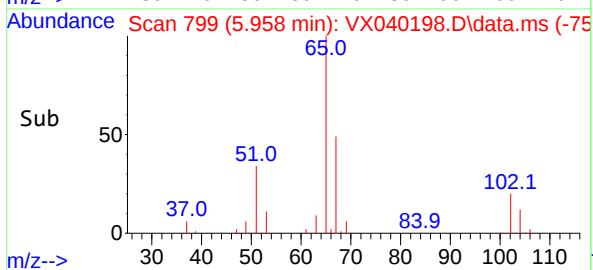
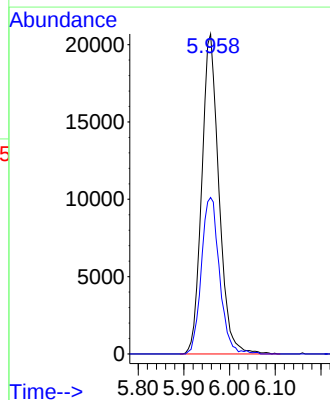
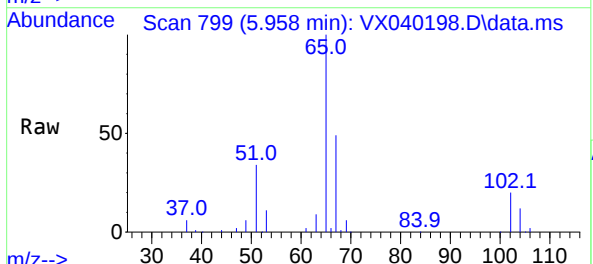
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

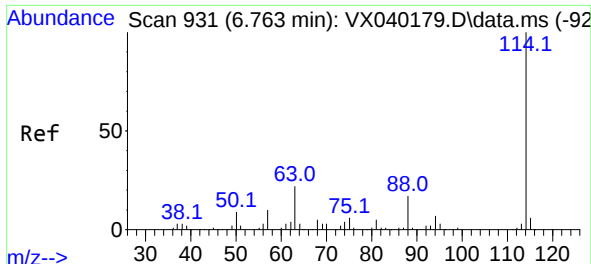
Tgt Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
69 122.0 23.4 35.2#
84 87.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.911 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 65 Resp: 54053
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

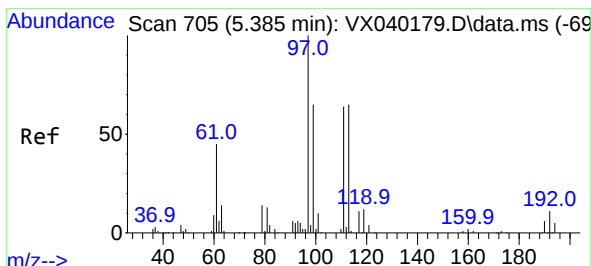
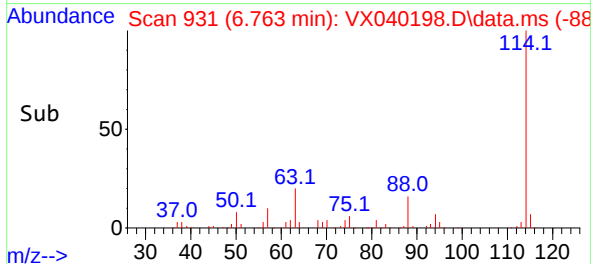
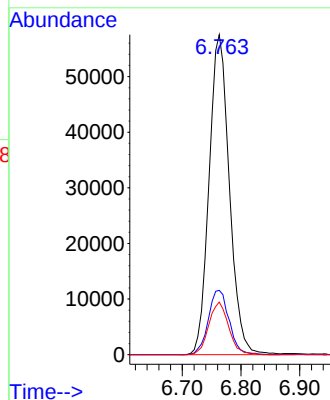
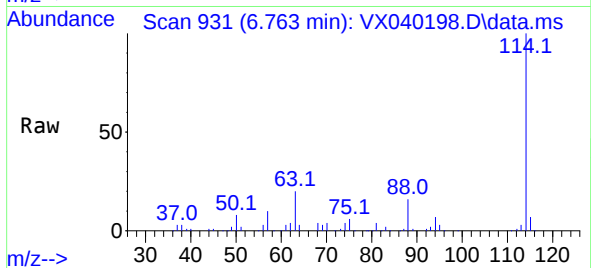




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

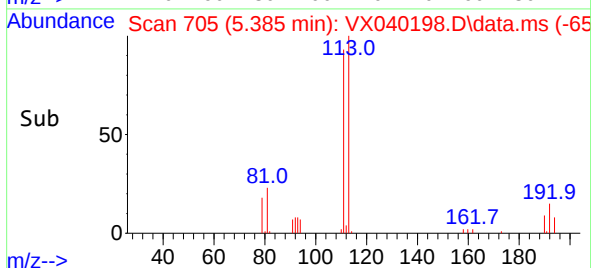
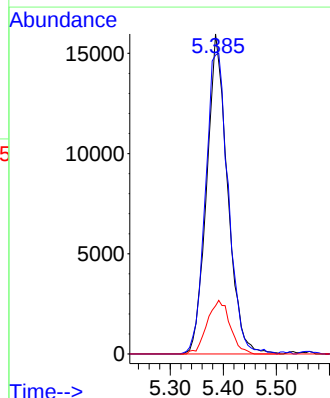
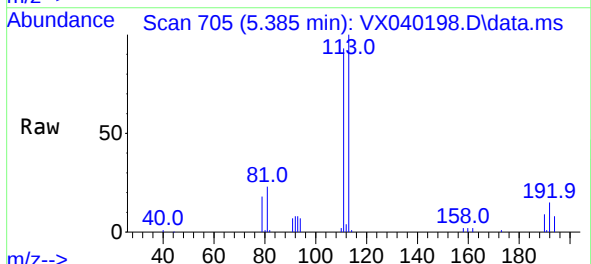
Instrument :
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ClientSampleId :
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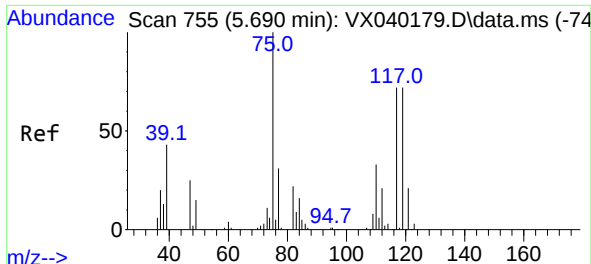
Tgt Ion:114 Resp: 138250
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion:113 Resp: 43595
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.4 13.3 19.9

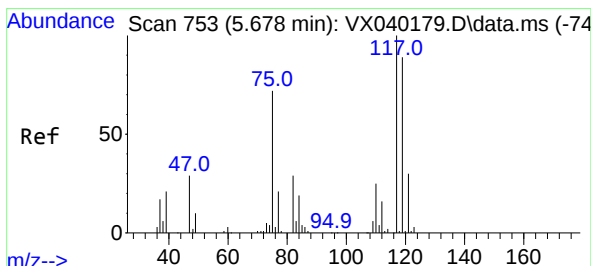
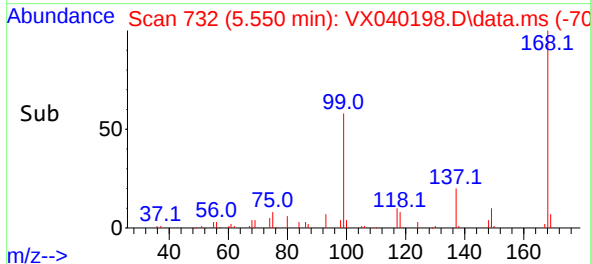
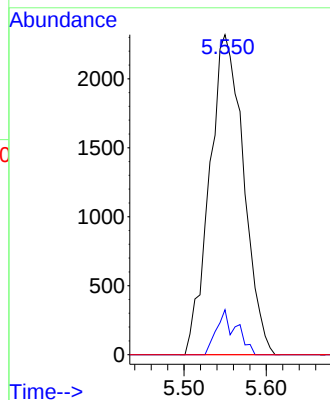
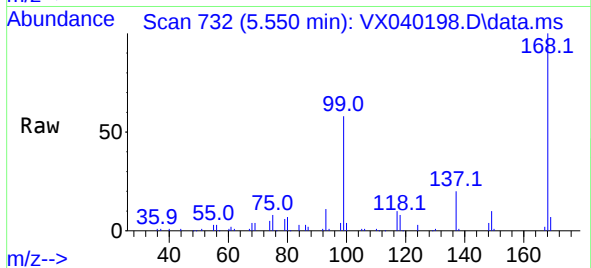




#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

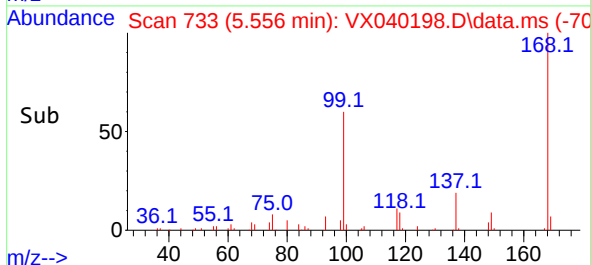
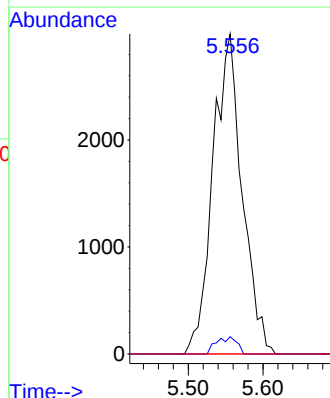
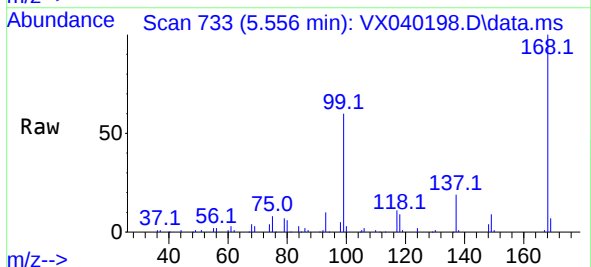
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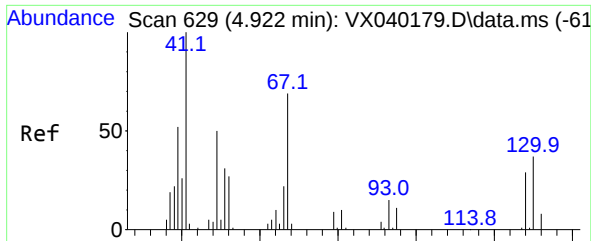
Tgt Ion: 75 Resp: 6668
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 117 Resp: 8142
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

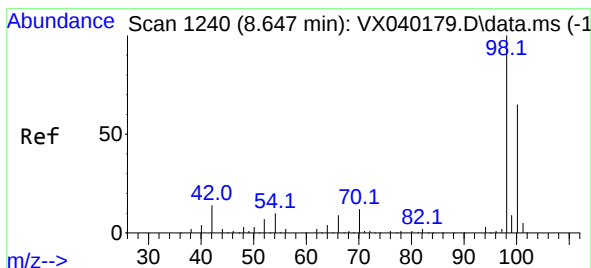
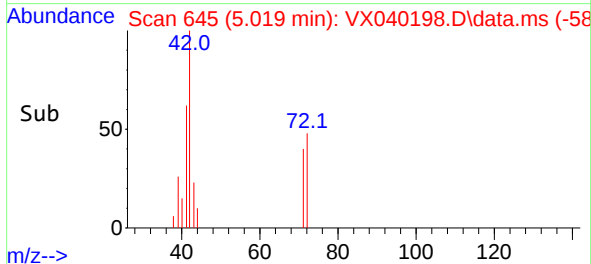
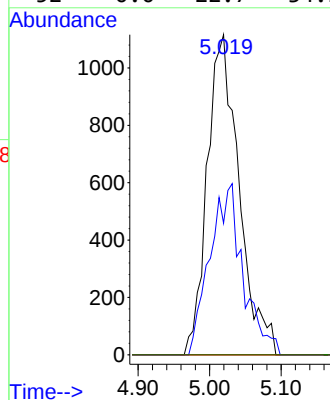
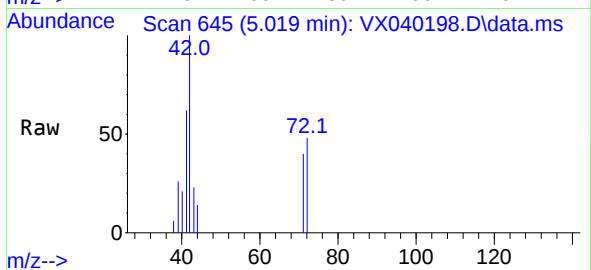




#41
Methacrylonitrile
Concen: 4.310 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.092 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

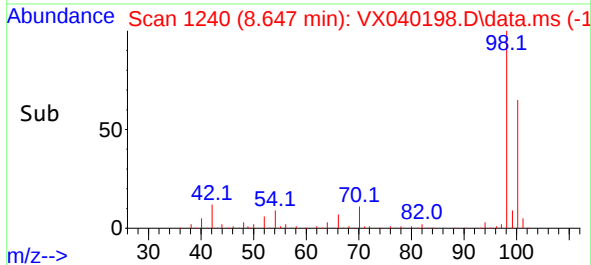
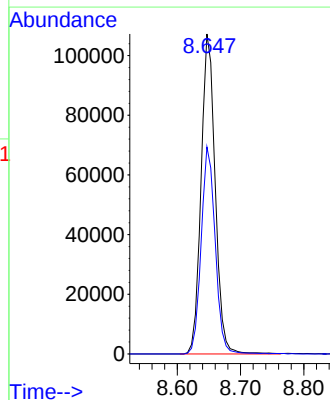
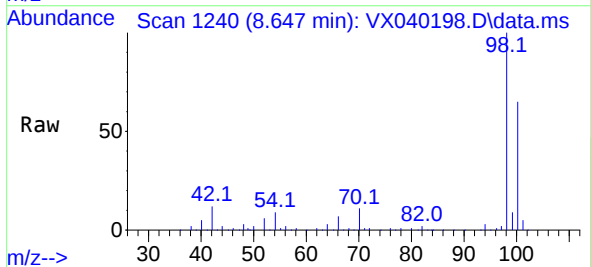
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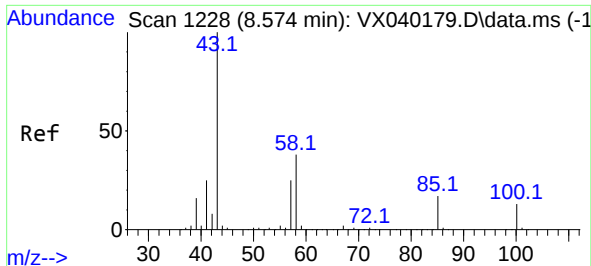
Tgt Ion: 41	Resp: 3438
Ion Ratio	Lower Upper
41	100
39	56.1 45.2 67.8
67	0.0 52.6 78.8#
52	0.0 22.7 34.1#



#50
Toluene-d8
Concen: 46.139 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 98	Resp: 166633
Ion Ratio	Lower Upper
98	100
100	64.5 53.1 79.7

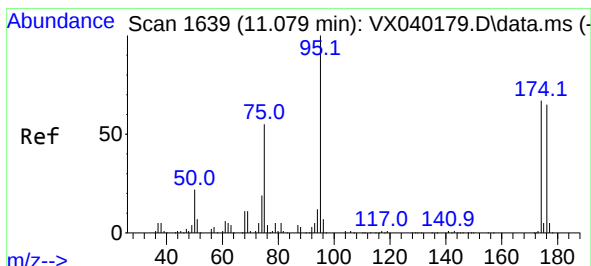
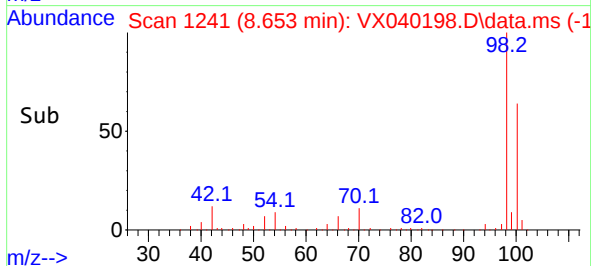
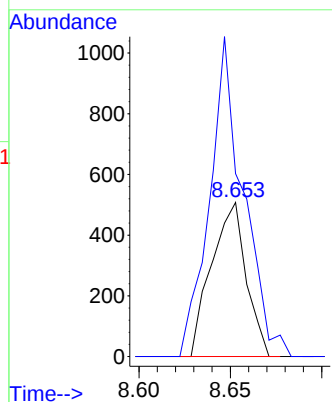
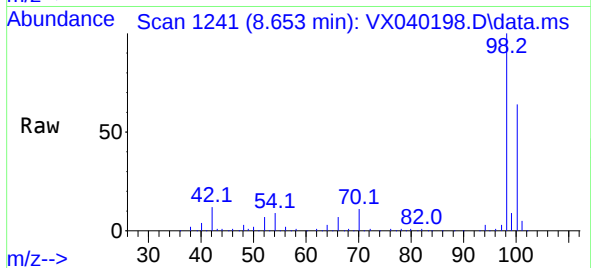




#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

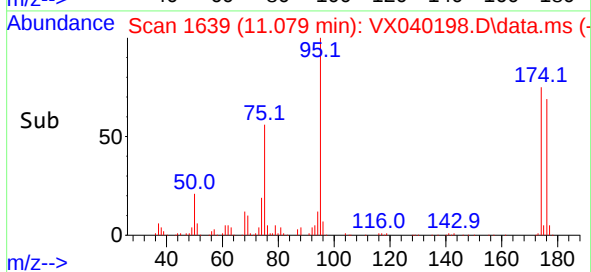
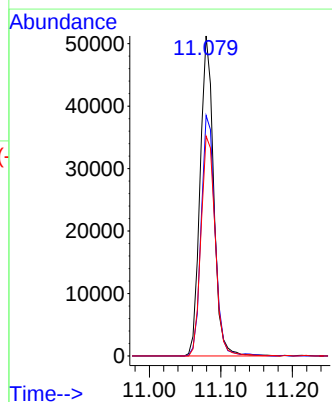
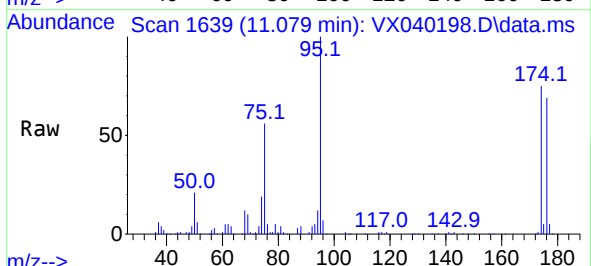
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

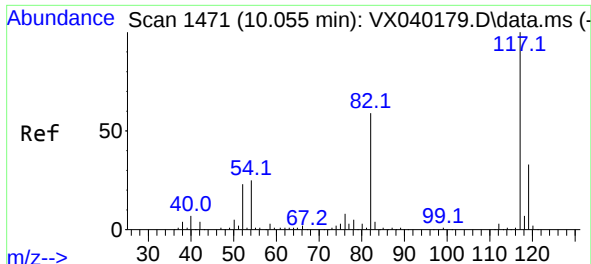
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 201.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 95 Resp: 67473
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 71.8 0.0 131.0

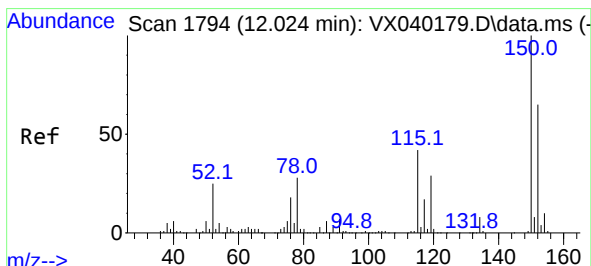
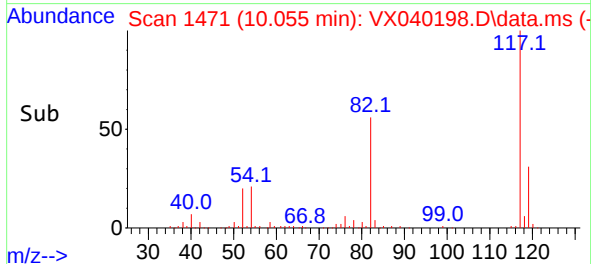
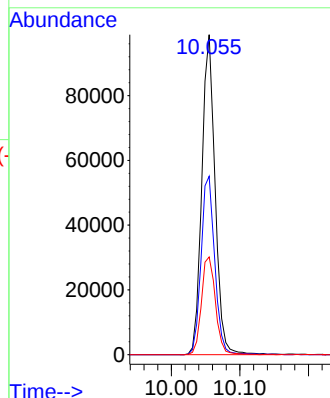
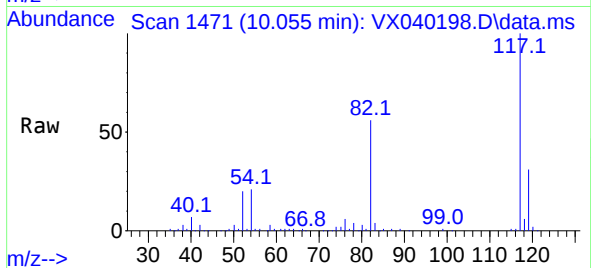




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

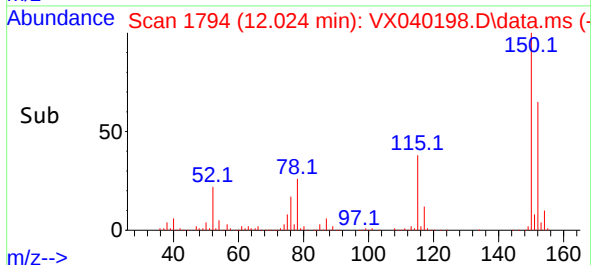
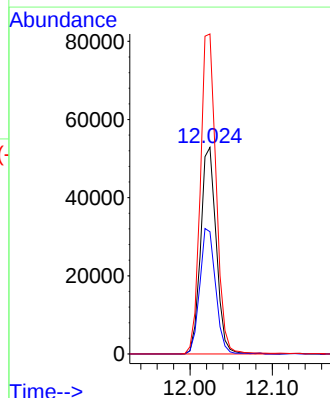
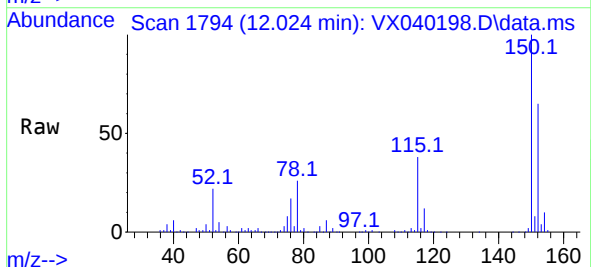
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

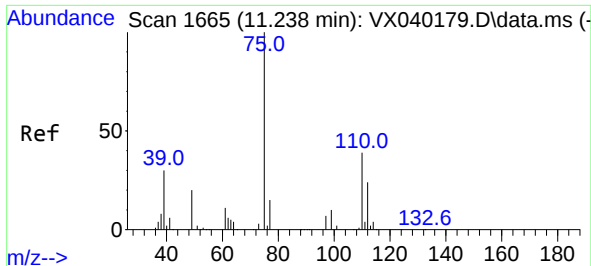
Tgt Ion:117 Resp: 133641
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion:152 Resp: 69475
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 157.2 0.0 345.0

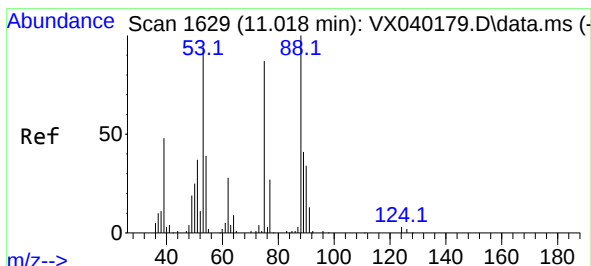
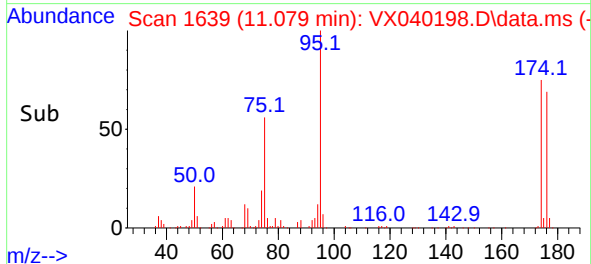
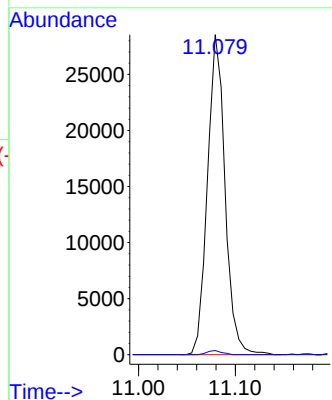
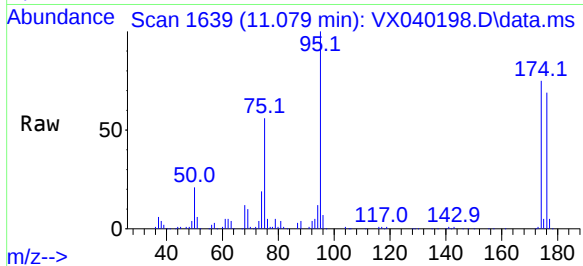




#76
1,2,3-Trichloropropane
Concen: 25.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

Tgt Ion: 75 Resp: 36128
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 75 Resp: 36128
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#

