

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042002.D
 Acq On : 24 Jun 2024 14:14
 Operator : JC/MD
 Sample : P3002-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-580-582

Quant Time: Jun 24 17:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

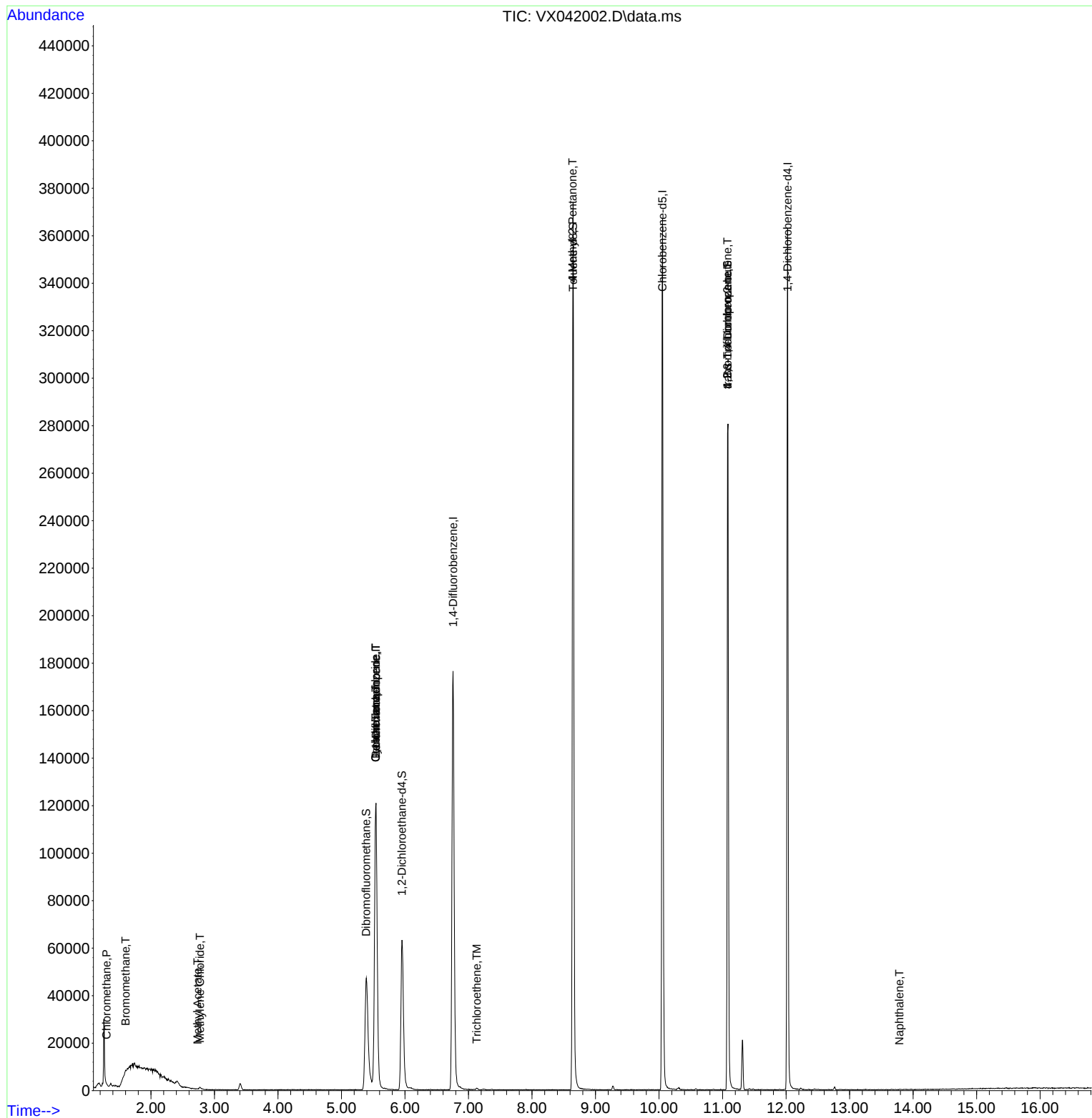
Internal Standards						
1) Pentafluorobenzene	5.544	168	134783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	200459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63457	40.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.660%		
35) Dibromofluoromethane	5.385	113	51972	36.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	73.080%#		
50) Toluene-d8	8.647	98	235800	47.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	80013	43.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.880%		
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	661	0.513	ug/l #	81
5) Bromomethane	1.599	94	607	0.952	ug/l	98
6) Chloroethane	1.672	64	164	Below Cal	#	43
18) Methyl Acetate	2.733	43	512	0.275	ug/l #	53
20) Methylene Chloride	2.770	84	342	0.229	ug/l #	76
31) Cyclohexane	5.537	56	1960	1.078	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7960	5.270	ug/l #	50
38) Carbon Tetrachloride	5.537	117	11117	6.662	ug/l #	17
44) Trichloroethene	7.129	130	396	0.290	ug/l	86
51) 4-Methyl-2-Pentanone	8.641	43	941	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36589	23.416	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36589	66.500	ug/l #	5
95) Naphthalene	13.786	128	110	0.765	ug/l #	69

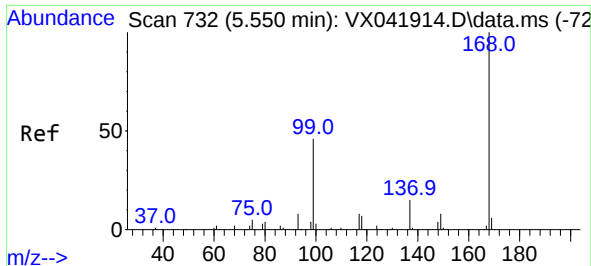
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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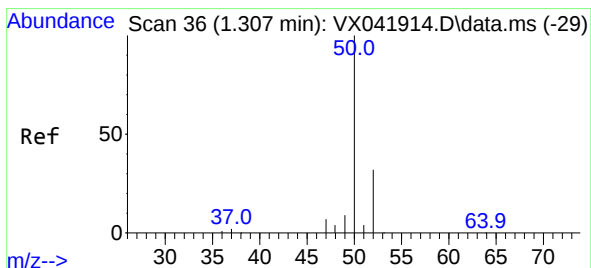
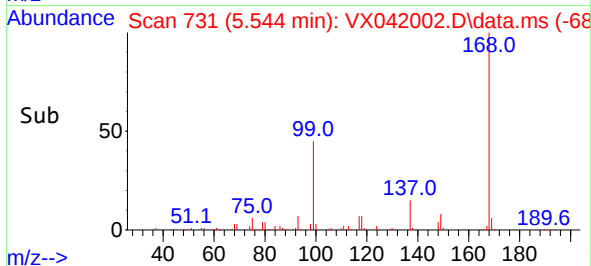
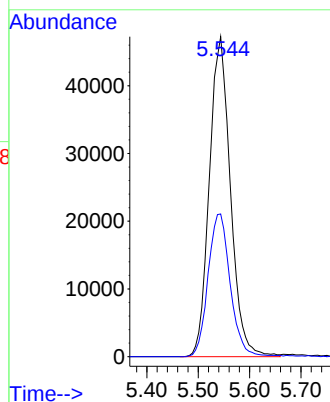
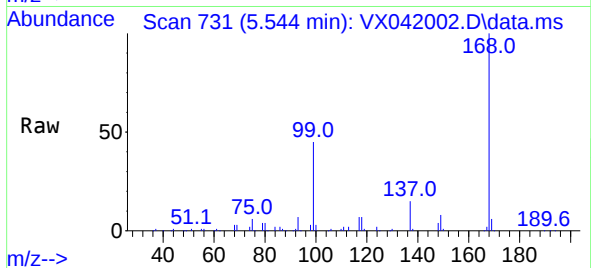




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

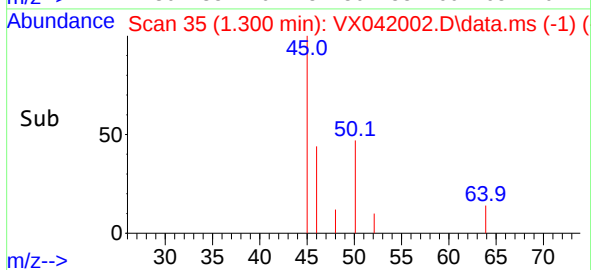
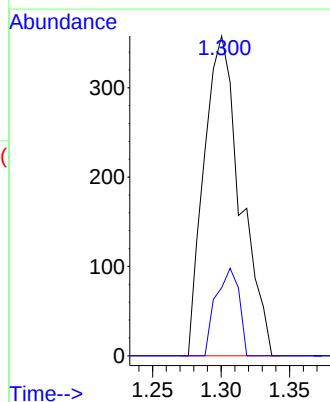
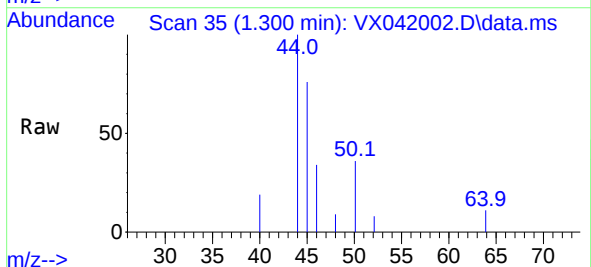
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

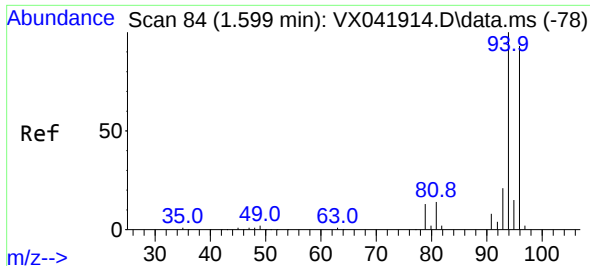
Tgt Ion:168 Resp: 134783
Ion Ratio Lower Upper
168 100
99 44.6 56.6 85.0#



#3
Chloromethane
Concen: 0.513 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 21.2 25.5 38.3#

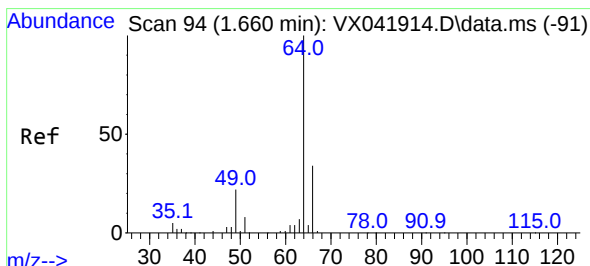
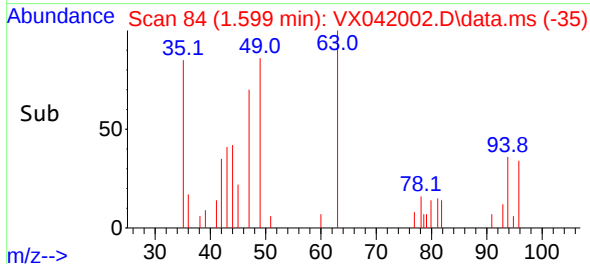
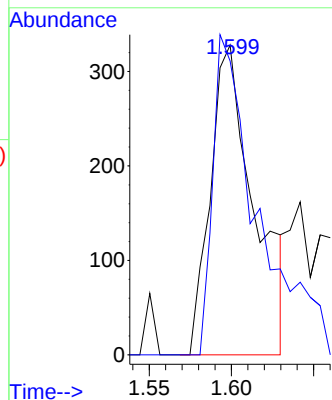
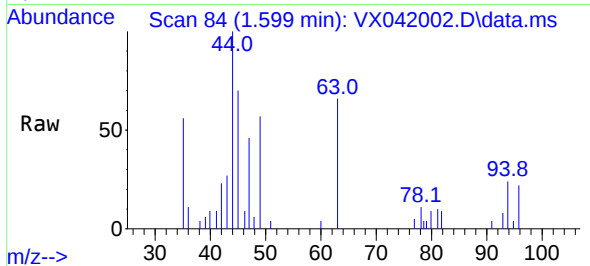




#5
Bromomethane
Concen: 0.952 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

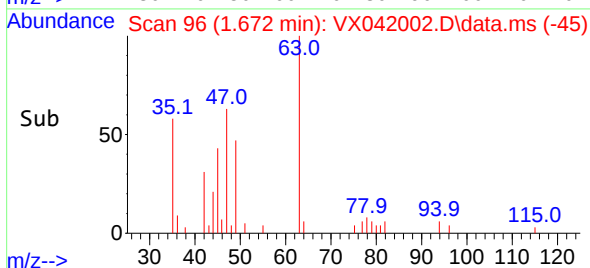
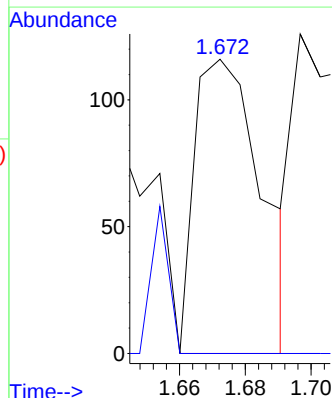
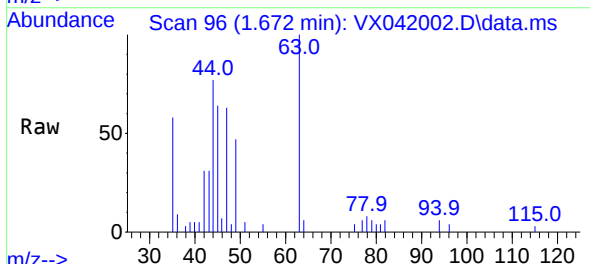
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

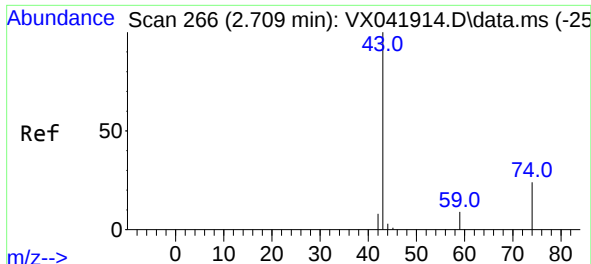
Tgt Ion: 94 Resp: 607
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#18

Methyl Acetate

Concen: 0.275 ug/l

RT: 2.733 min Scan# 21

Delta R.T. 0.024 min

Lab File: VX042002.D

Acq: 24 Jun 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

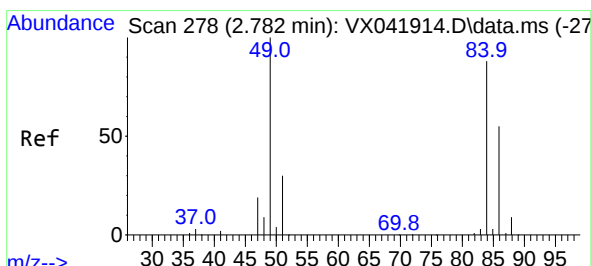
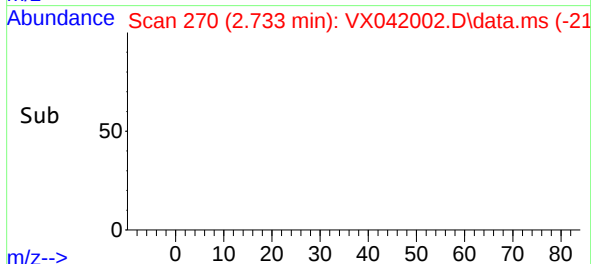
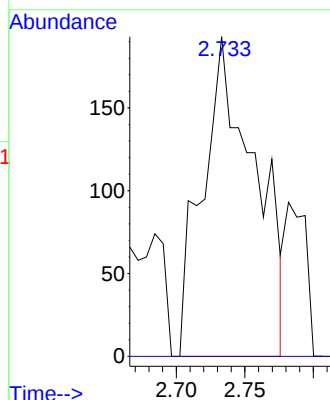
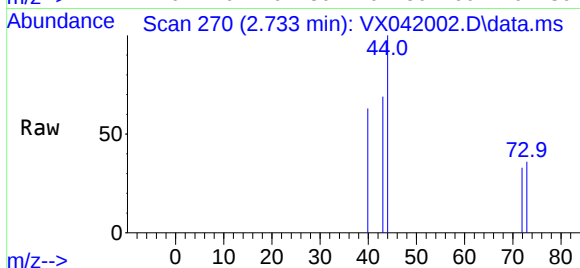
BP-VPB-196-GW-580-582

Tgt Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.229 ug/l

RT: 2.770 min Scan# 276

Delta R.T. -0.012 min

Lab File: VX042002.D

Acq: 24 Jun 2024 14:14

Tgt Ion: 84 Resp: 342

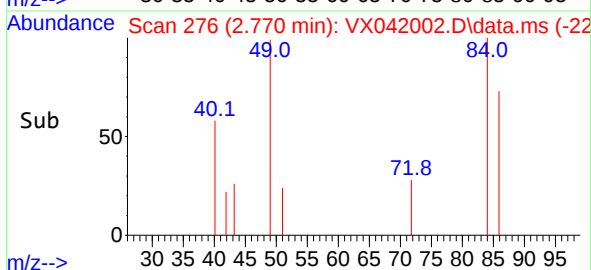
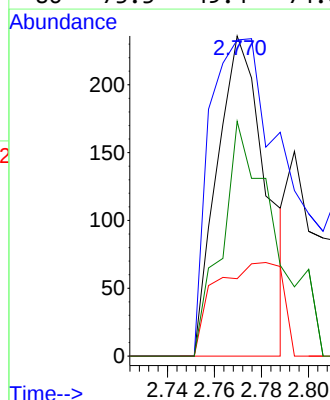
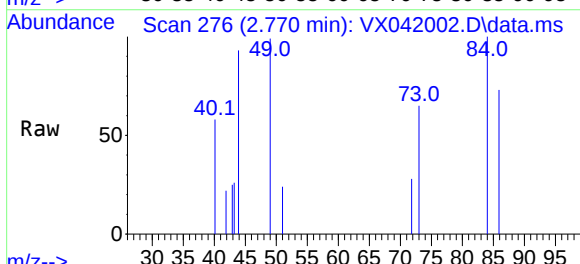
Ion Ratio Lower Upper

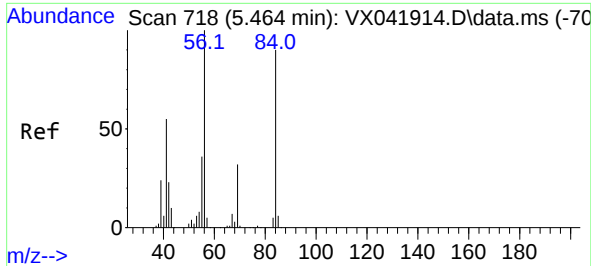
84 100

49 98.7 103.6 155.4#

51 24.2 33.8 50.6#

86 73.3 49.4 74.0





#31

Cyclohexane

Concen: 1.078 ug/l

RT: 5.537 min Scan# 718

Delta R.T. 0.073 min

Lab File: VX042002.D

Acq: 24 Jun 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-580-582

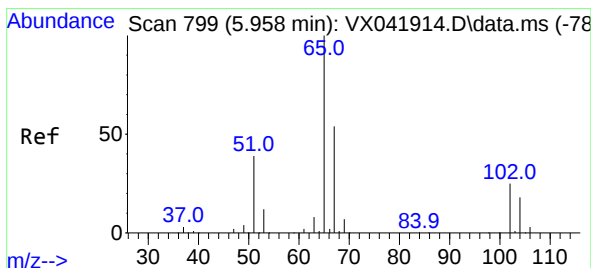
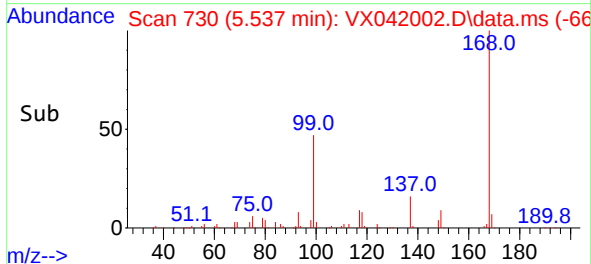
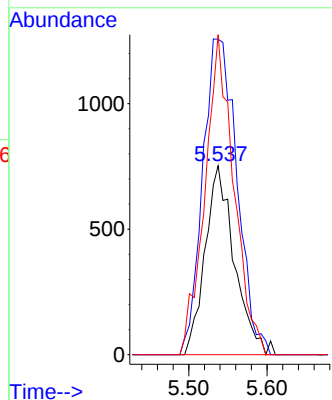
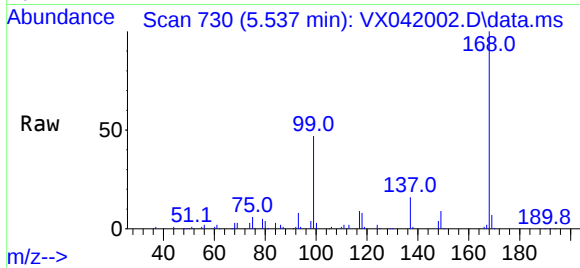
Tgt Ion: 56 Resp: 1960

Ion Ratio Lower Upper

56 100

69 166.9 23.4 35.2#

84 169.3 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 40.829 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX042002.D

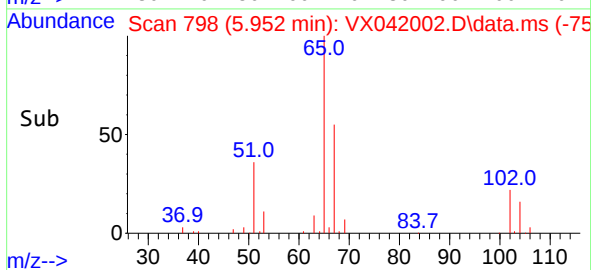
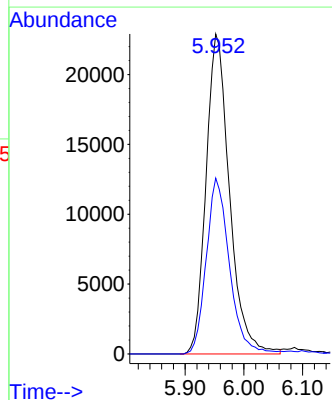
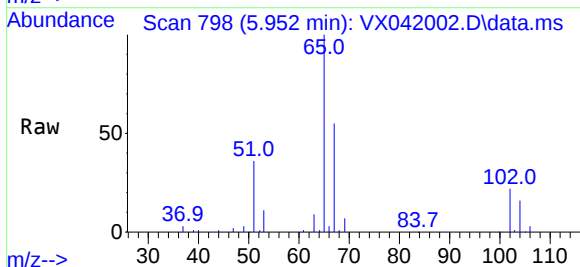
Acq: 24 Jun 2024 14:14

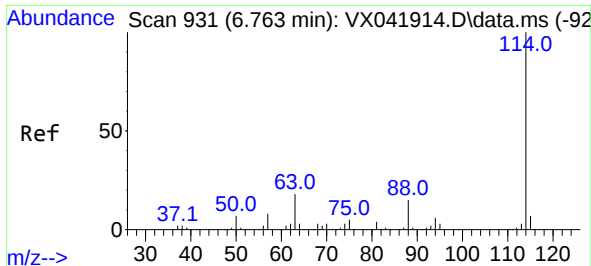
Tgt Ion: 65 Resp: 63457

Ion Ratio Lower Upper

65 100

67 54.2 0.0 100.2

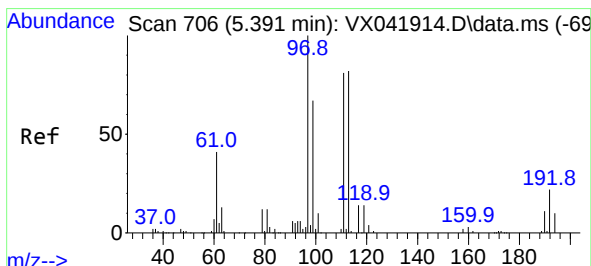
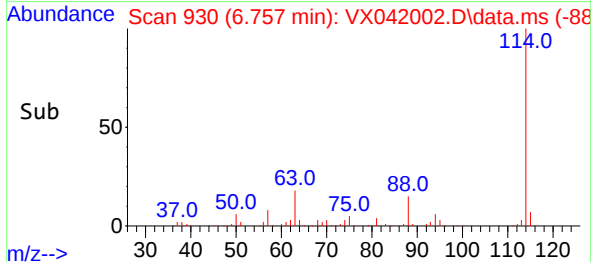
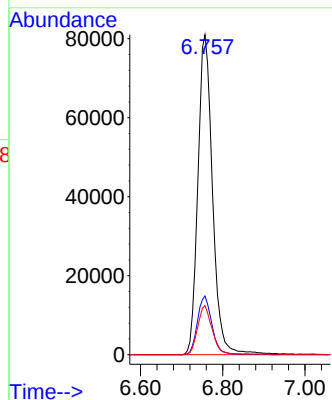
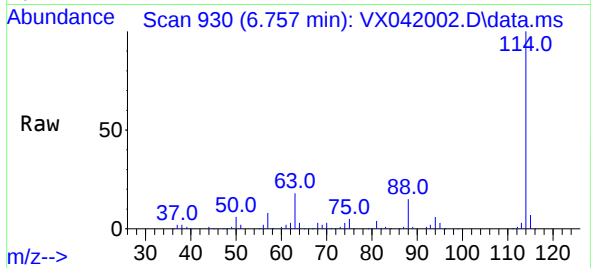




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

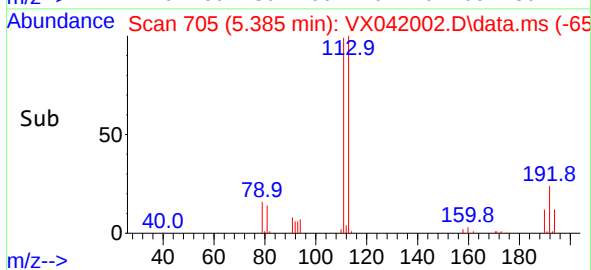
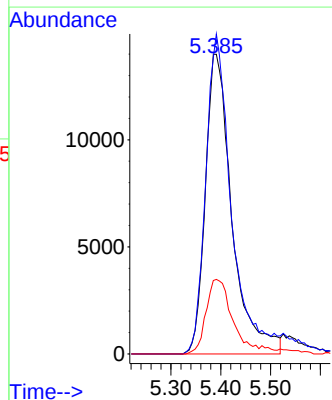
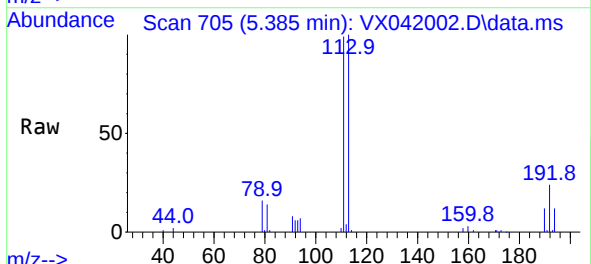
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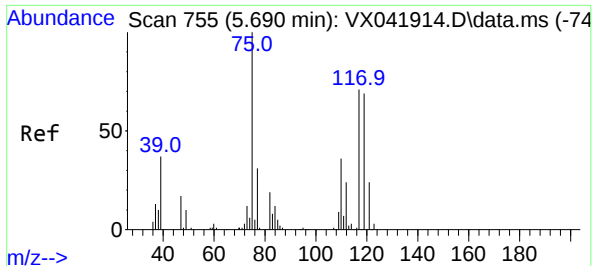
Tgt Ion:114 Resp: 200459
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 36.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion:113 Resp: 51972
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 24.3 13.3 19.9#

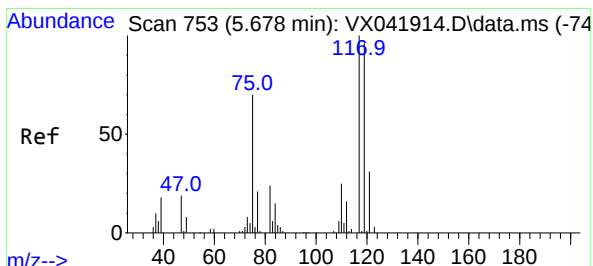
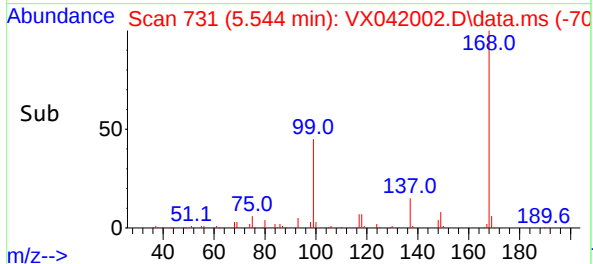
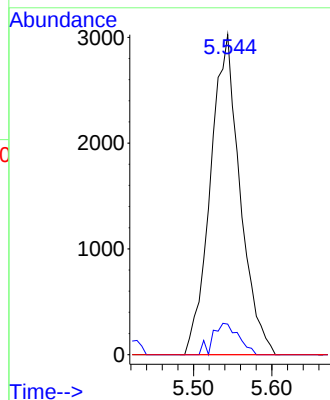
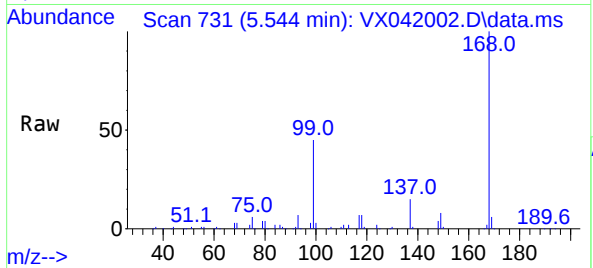




#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

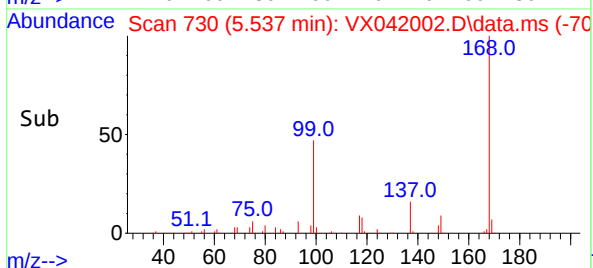
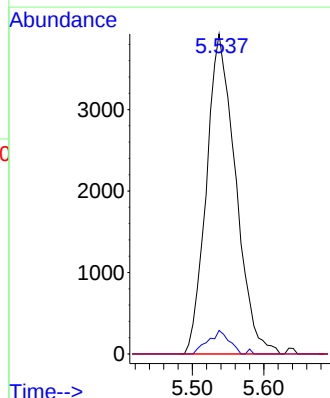
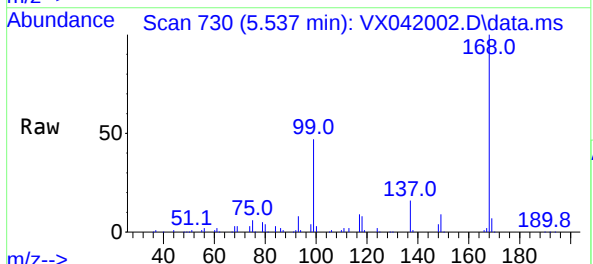
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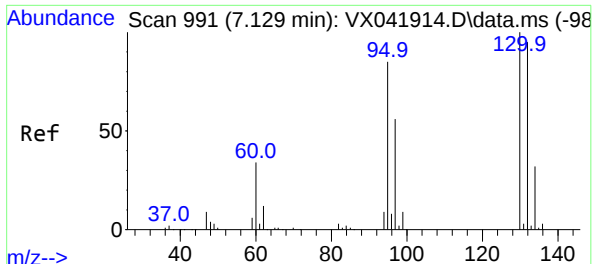
Tgt Ion: 75 Resp: 7960
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.662 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 117 Resp: 11117
Ion Ratio Lower Upper
117 100
119 7.3 78.2 117.2#
121 0.0 24.4 36.6#

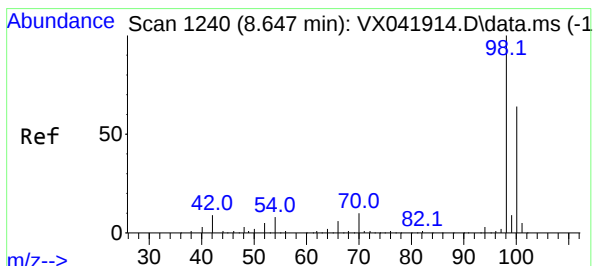
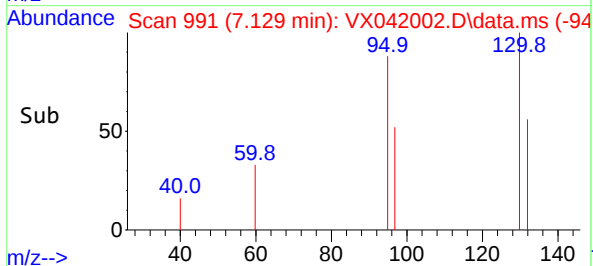
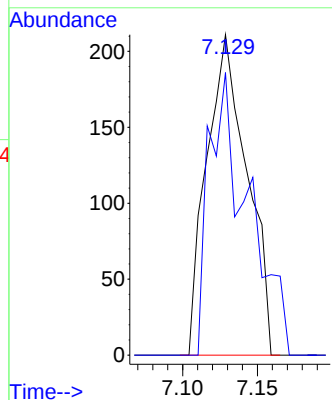
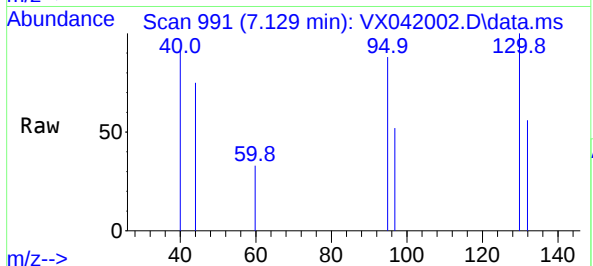




#44
Trichloroethene
Concen: 0.290 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

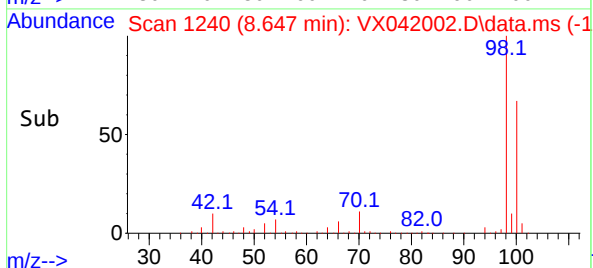
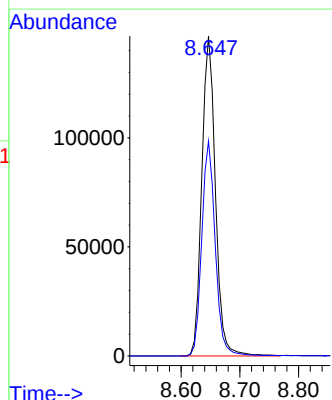
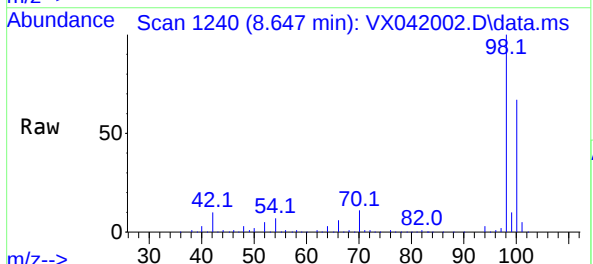
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

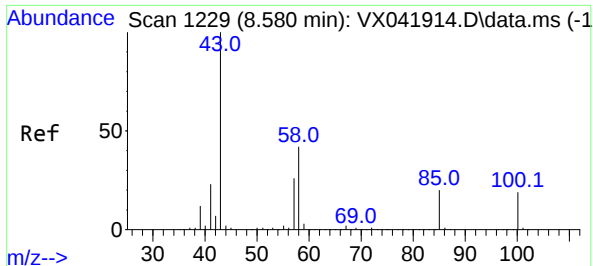
Tgt Ion:130 Resp: 396
Ion Ratio Lower Upper
130 100
95 88.2 0.0 204.4



#50
Toluene-d8
Concen: 47.190 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 98 Resp: 235800
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

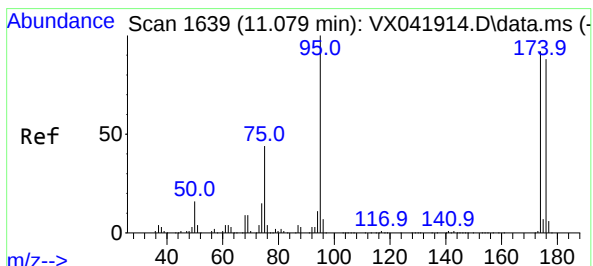
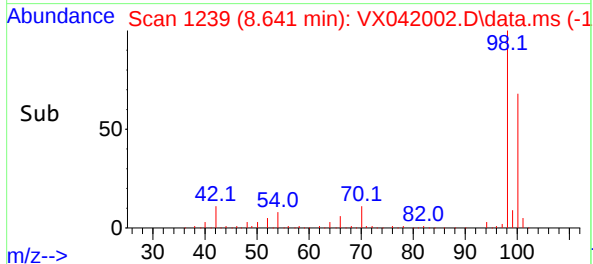
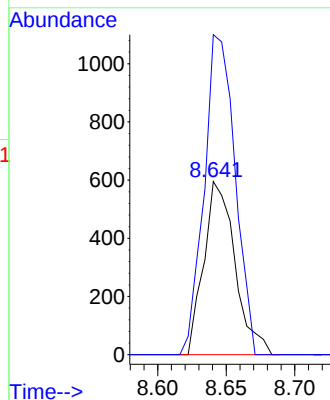
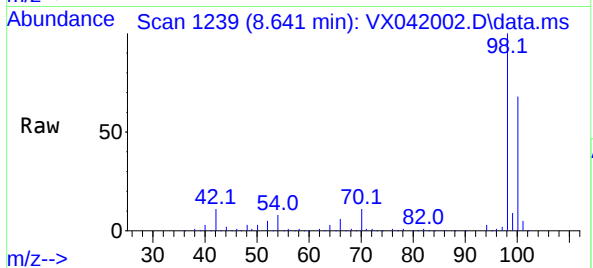




#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

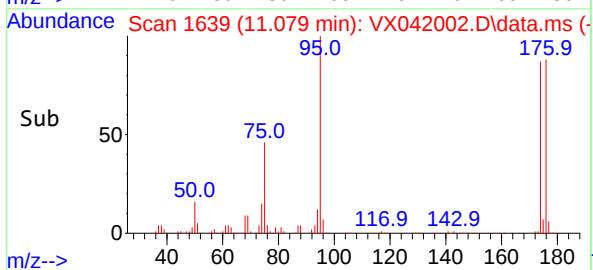
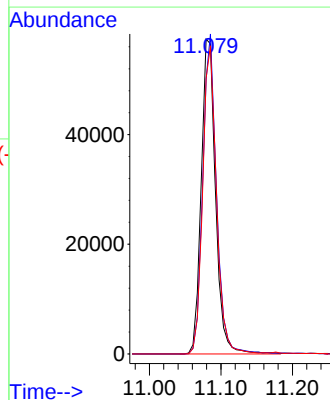
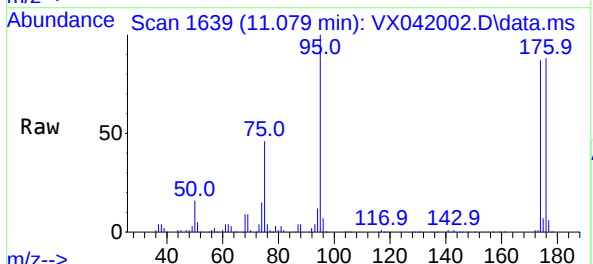
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

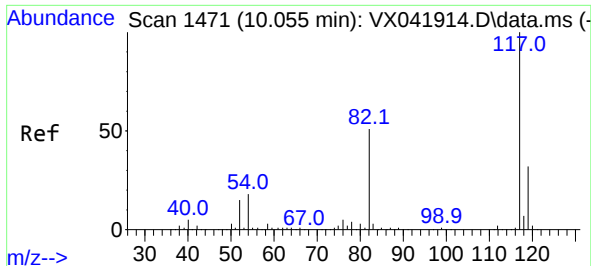
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 183.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 95 Resp: 80013
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.2 0.0 131.0

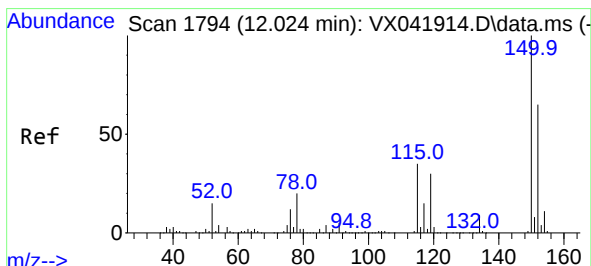
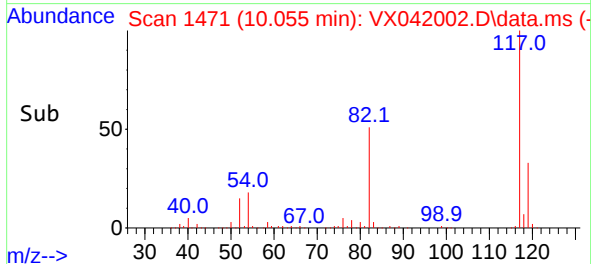
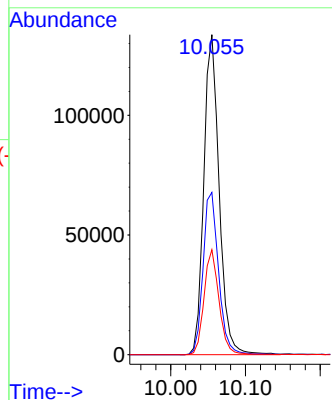
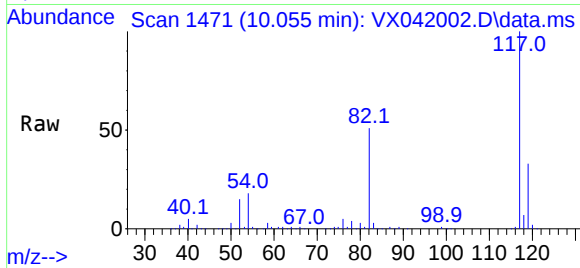




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

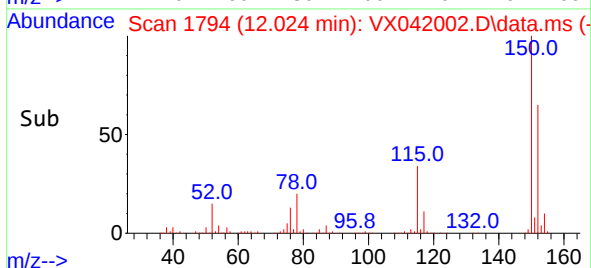
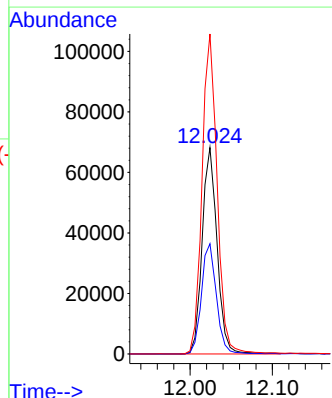
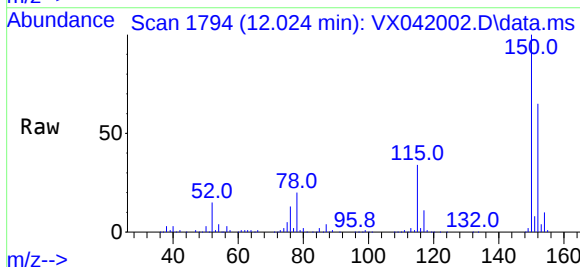
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

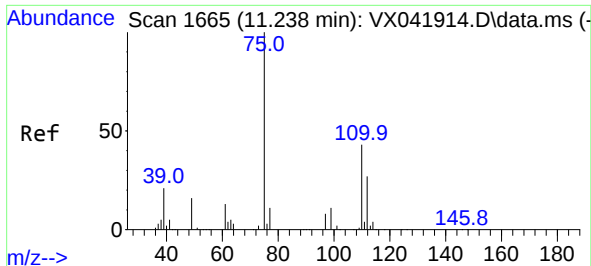
Tgt Ion:117 Resp: 190843
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion:152 Resp: 86072
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 156.7 0.0 345.0

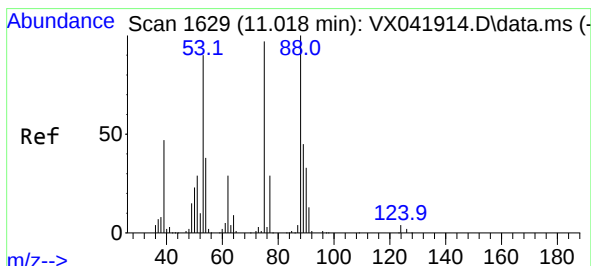
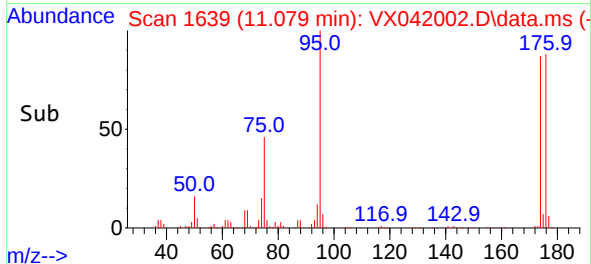
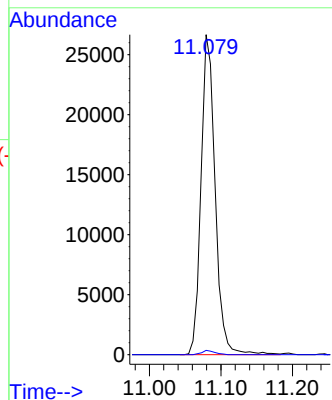
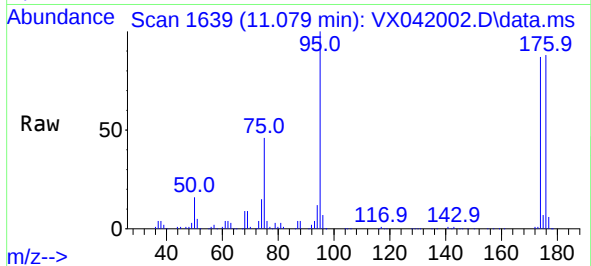




#76
1,2,3-Trichloropropane
Concen: 23.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

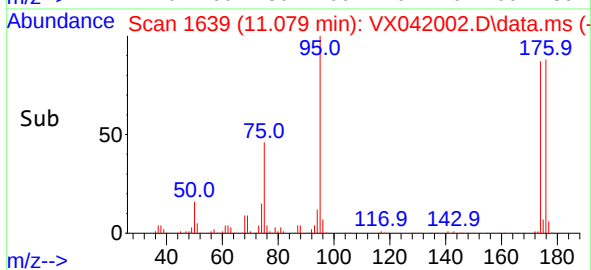
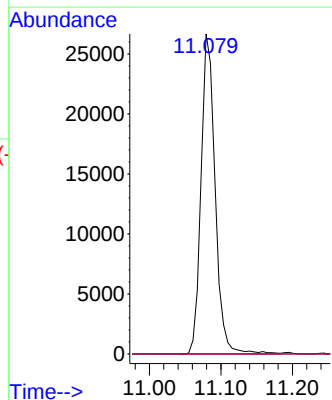
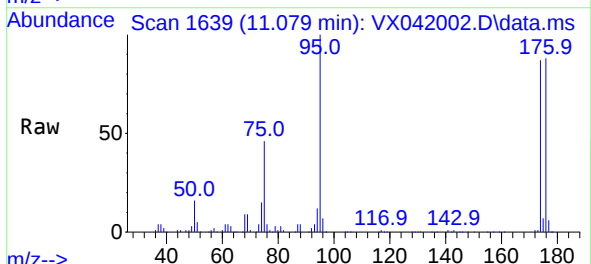
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

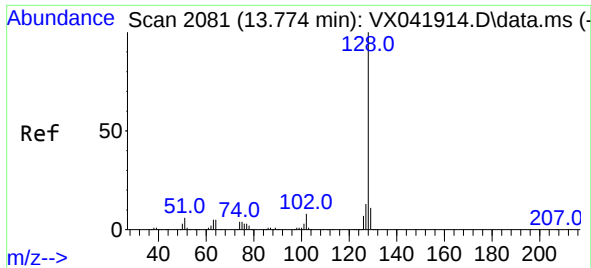
Tgt Ion: 75 Resp: 36589
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 75 Resp: 36589
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.765 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX042002.D

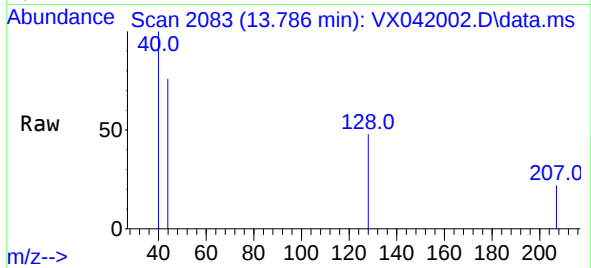
Acq: 24 Jun 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-580-582



Tgt Ion:128 Resp: 110

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

