

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024397.D
 Acq On : 21 Sep 2021 19:34
 Operator : JC/MD
 Sample : M3818-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210914

Quant Time: Oct 01 04:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

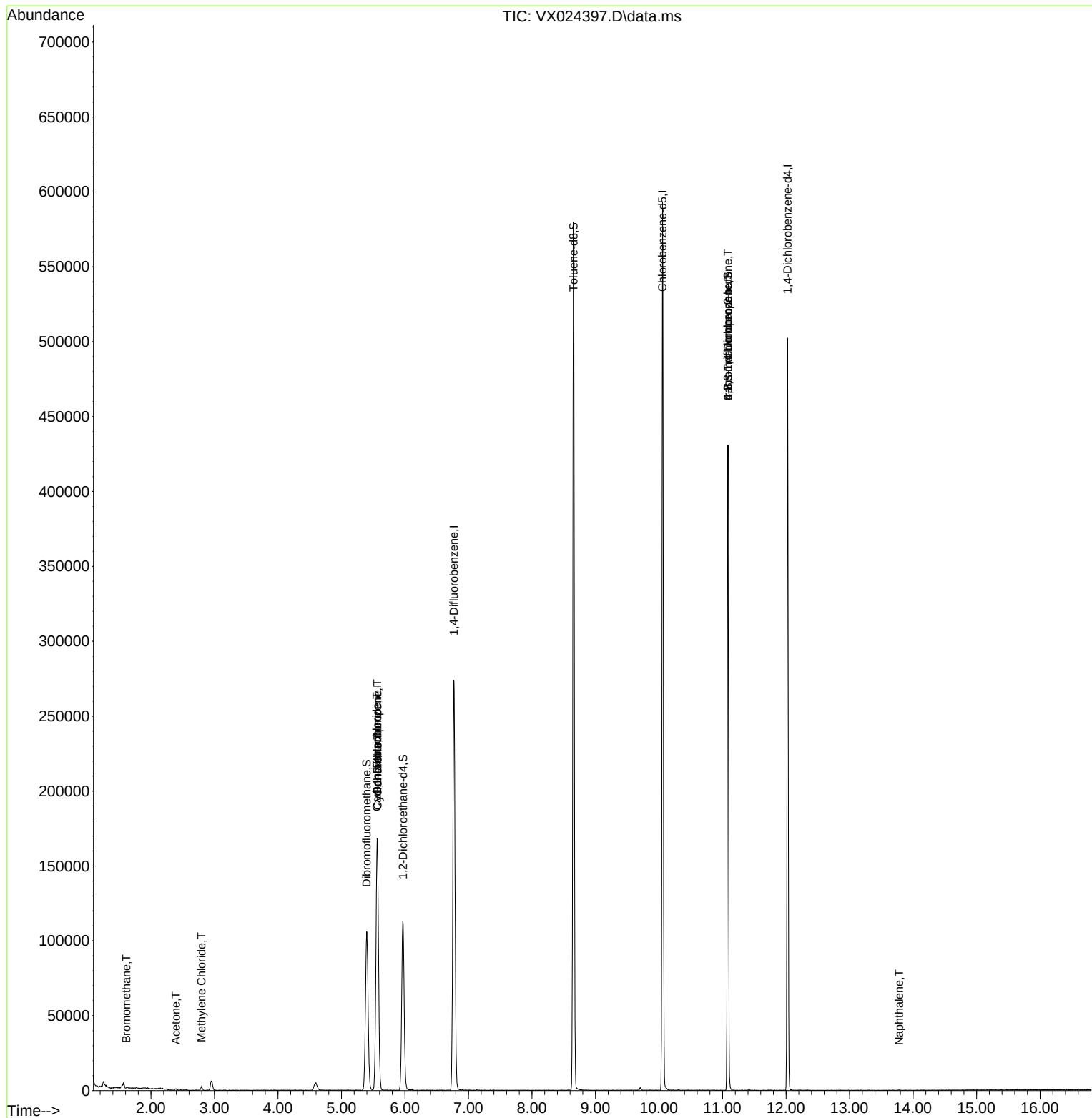
Internal Standards						
1) Pentafluorobenzene	5.562	168	155206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	277946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	115821	52.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	104.660%		
35) Dibromofluoromethane	5.397	113	91246	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.653	98	343757	50.623	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.240%		
62) 4-Bromofluorobenzene	11.085	95	105649	39.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.960%#		
Target Compounds			Qvalue			
5) Bromomethane	1.612	94	446	0.483	ug/l	88
11) Tert butyl alcohol	2.953	59	3805	Below Cal	#	73
16) Acetone	2.392	43	921	0.976	ug/l	94
20) Methylene Chloride	2.794	84	956	0.528	ug/l	# 76
31) Cyclohexane	5.568	56	3212	1.241	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	12710	4.974	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	17047	5.927	ug/l	# 16
76) 1,2,3-Trichloropropane	11.085	75	58539	26.104	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	58539	76.773	ug/l	# 12
95) Naphthalene	13.780	128	357	1.337	ug/l	# 69

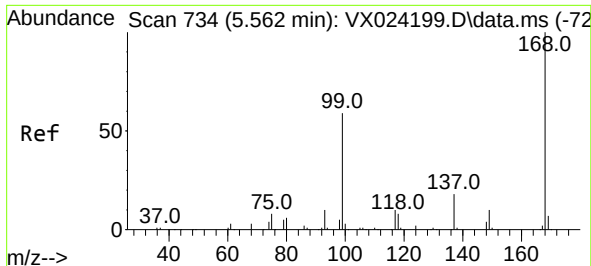
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
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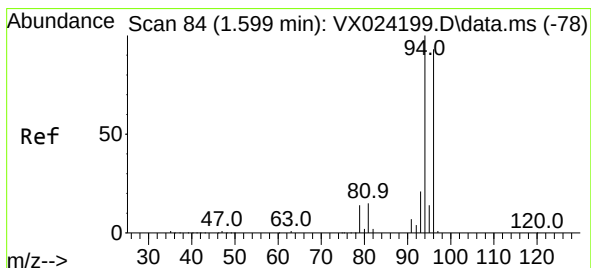
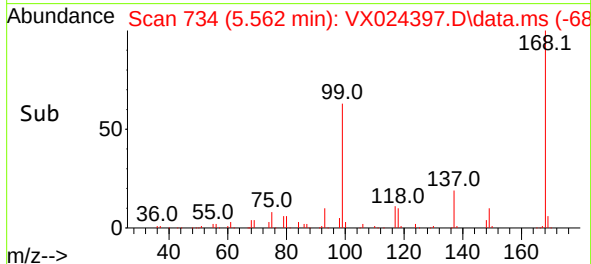
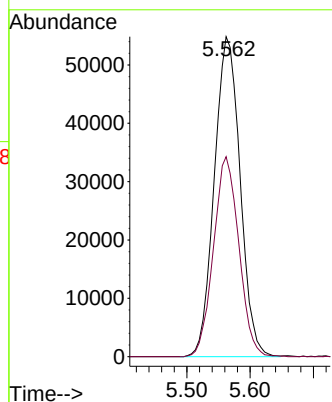
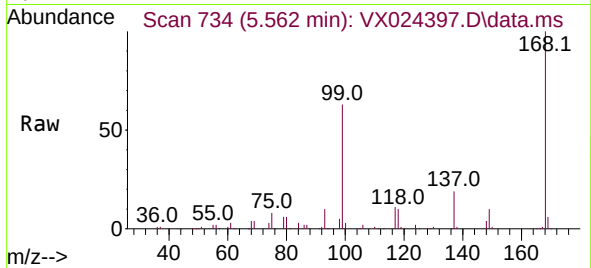




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

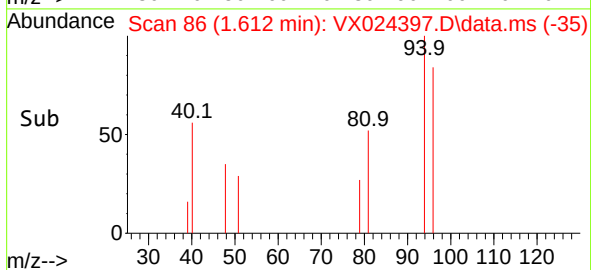
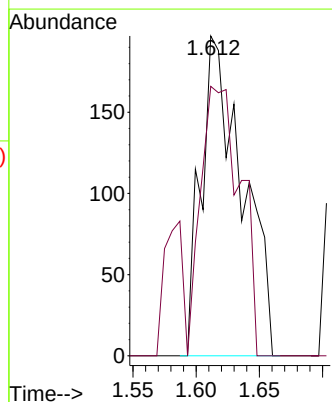
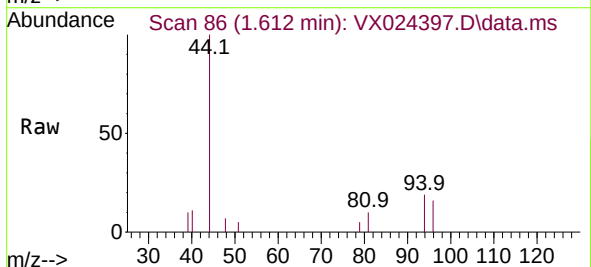
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

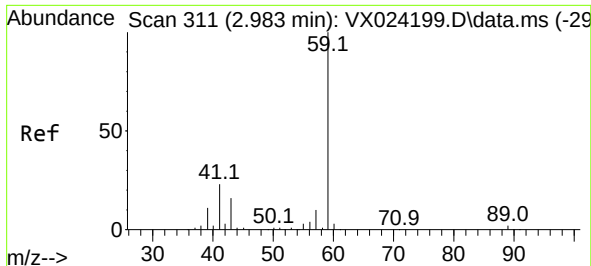
Tgt Ion:168 Resp: 155206
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 84.3 76.4 114.6



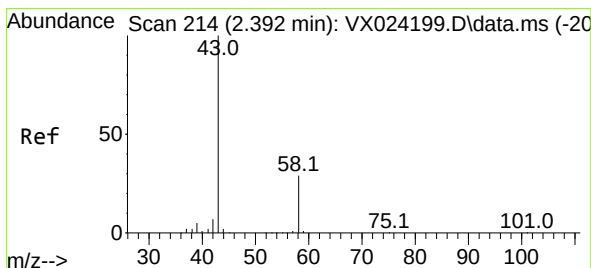
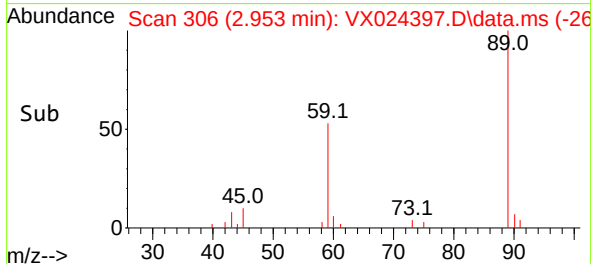
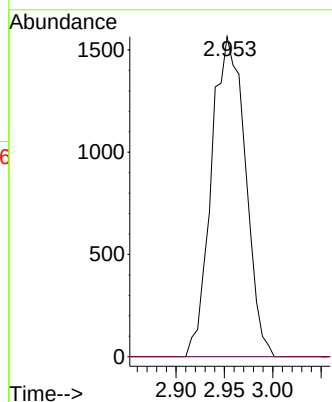
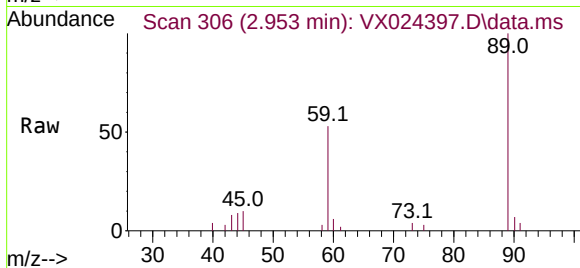


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

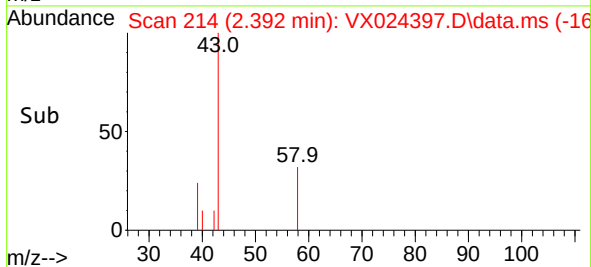
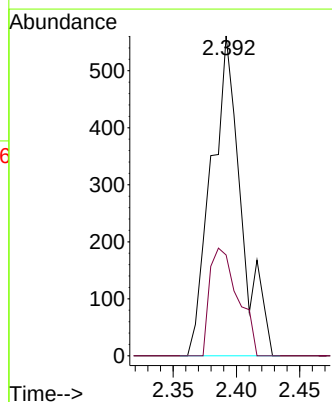
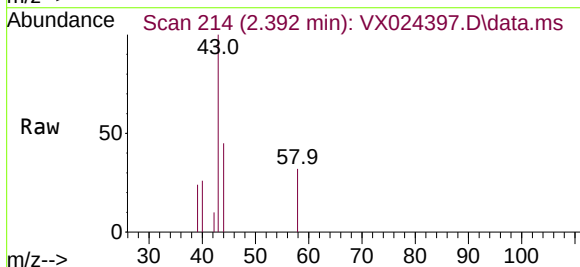
Tgt Ion: 59 Resp: 3805
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

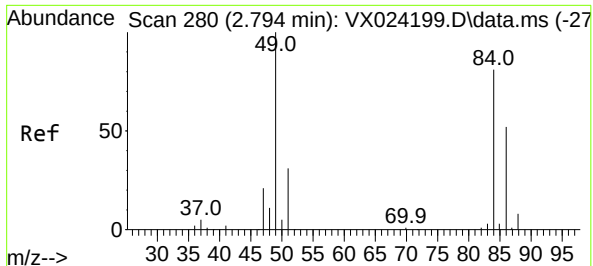


#16

Acetone
Concen: 0.976 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8





#20

Methylene Chloride

Concen: 0.528 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024397.D

Acq: 21 Sep 2021 19:34

Tgt Ion: 84 Resp: 956

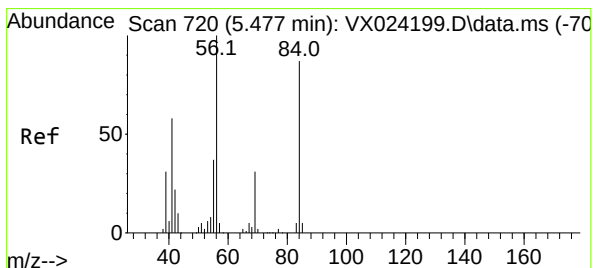
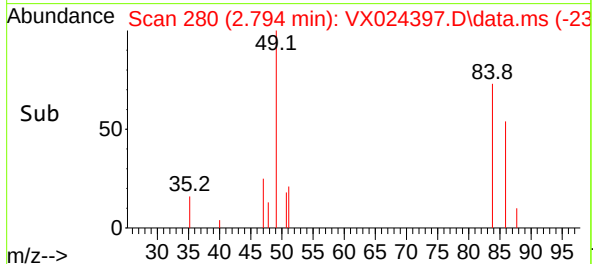
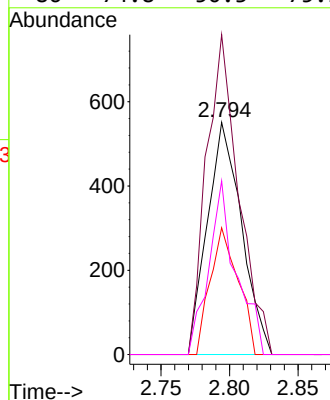
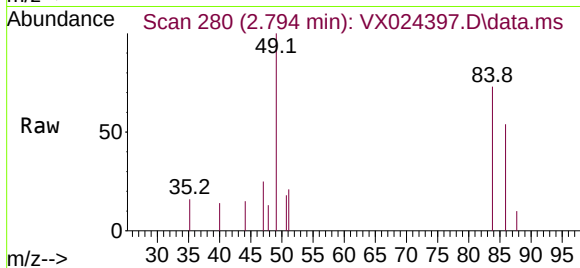
Ion Ratio Lower Upper

84 100

49 137.7 88.6 132.8#

51 54.6 27.0 40.6#

86 74.8 50.3 75.5



#31

Cyclohexane

Concen: 1.241 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024397.D

Acq: 21 Sep 2021 19:34

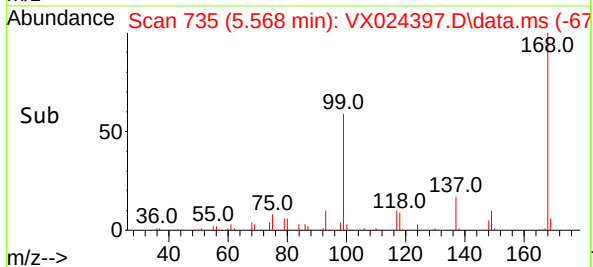
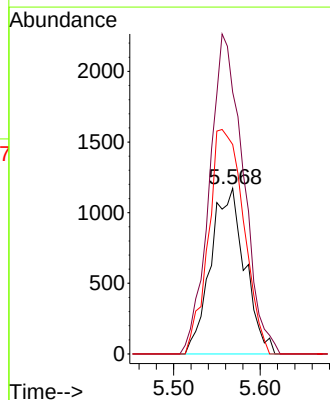
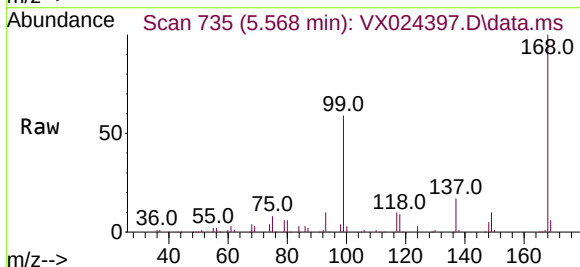
Tgt Ion: 56 Resp: 3212

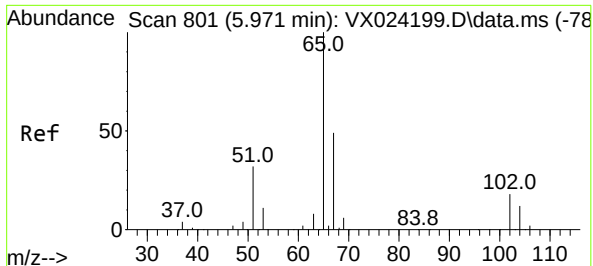
Ion Ratio Lower Upper

56 100

69 158.1 25.3 37.9#

84 126.5 71.4 107.0#



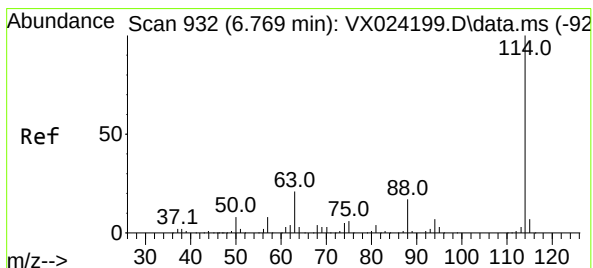
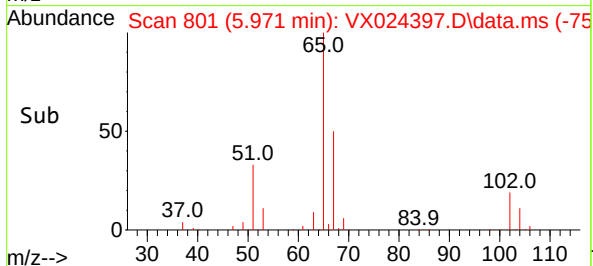
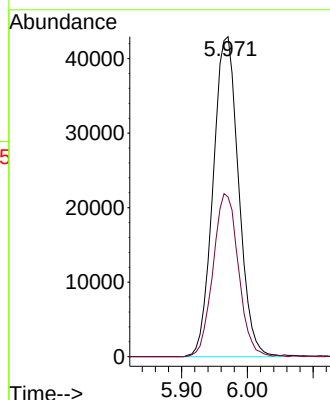
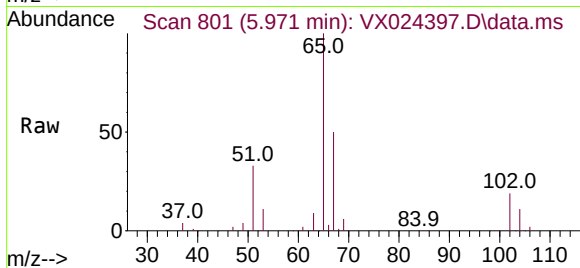


#33

1,2-Dichloroethane-d4
Concen: 52.332 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

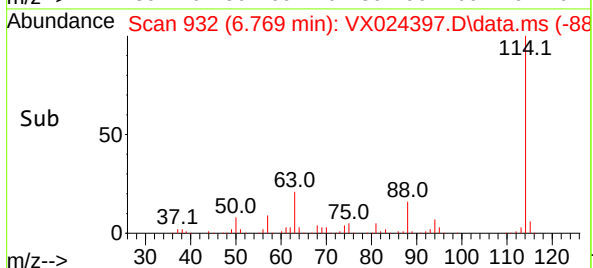
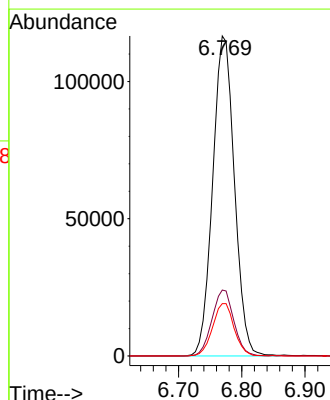
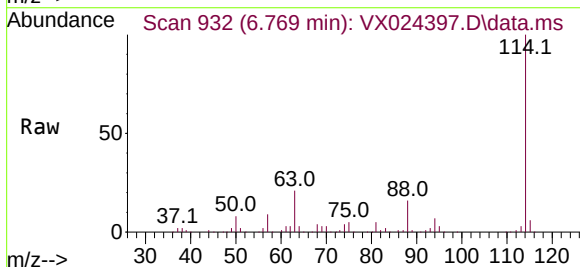
Tgt Ion: 65 Resp: 115821
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

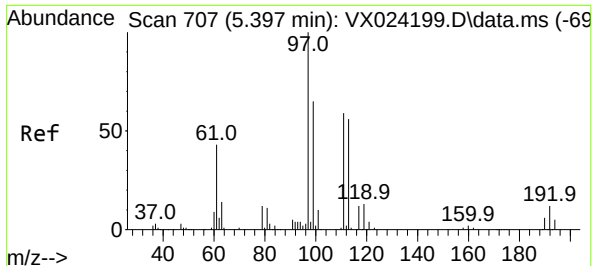


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 114 Resp: 277946
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.951 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024397.D

Acq: 21 Sep 2021 19:34

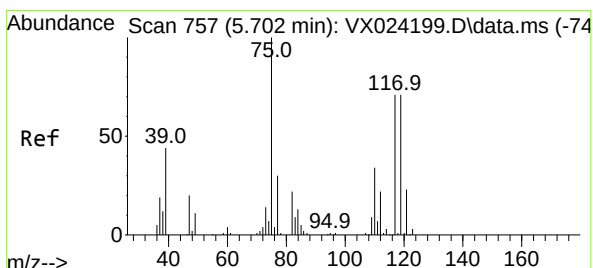
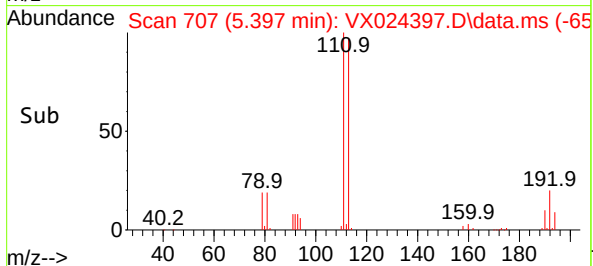
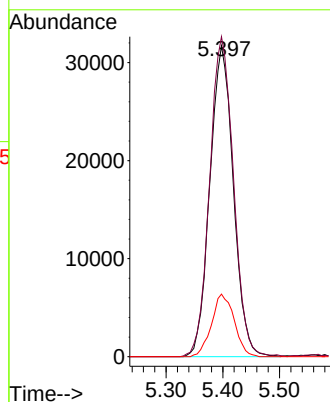
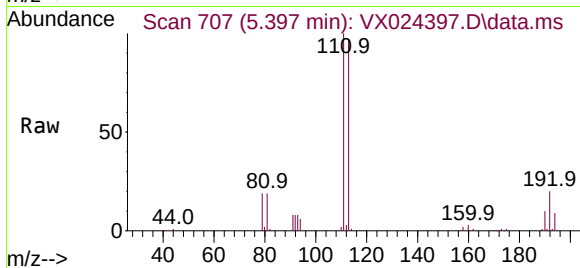
Tgt Ion:	113	Resp:	91246
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	19.5	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-TB-20210914



#36

1,1-Dichloropropene

Concen: 4.974 ug/l

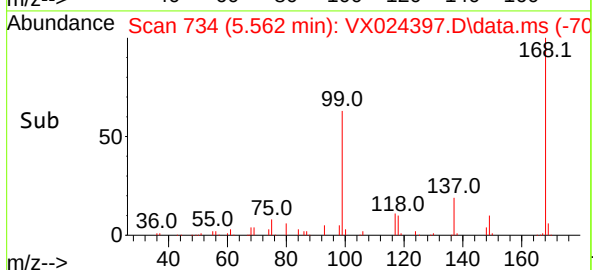
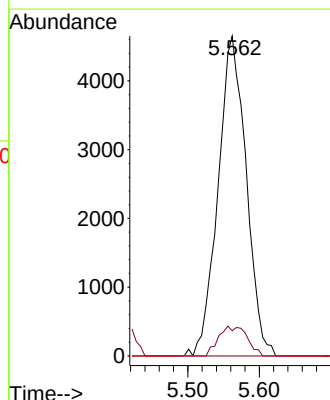
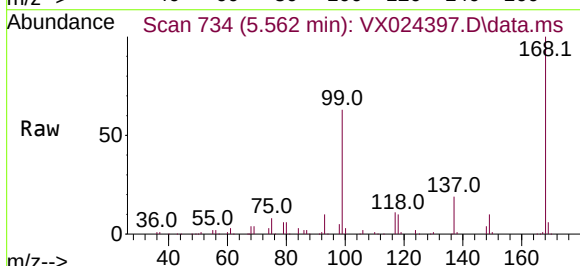
RT: 5.562 min Scan# 734

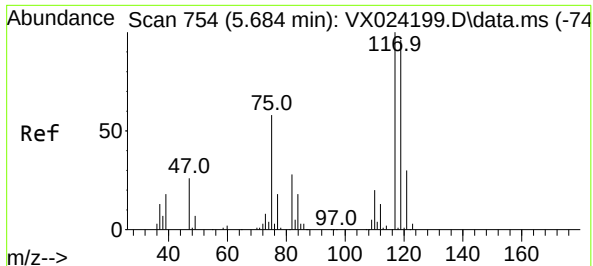
Delta R.T. -0.140 min

Lab File: VX024397.D

Acq: 21 Sep 2021 19:34

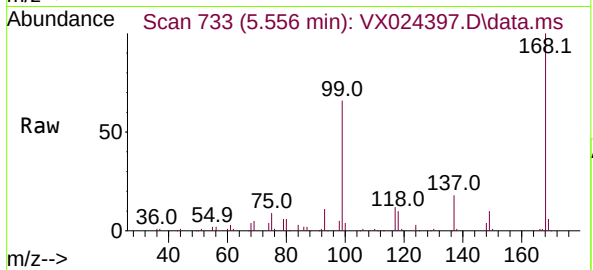
Tgt Ion:	75	Resp:	12710
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#



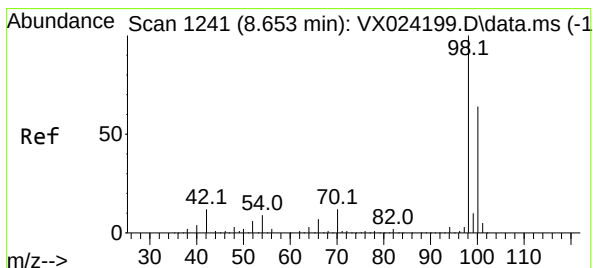
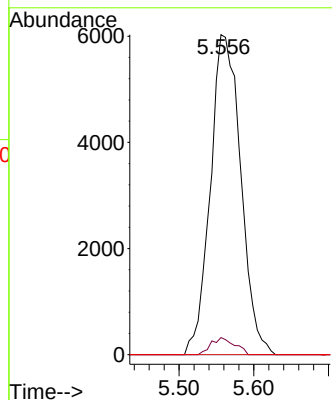
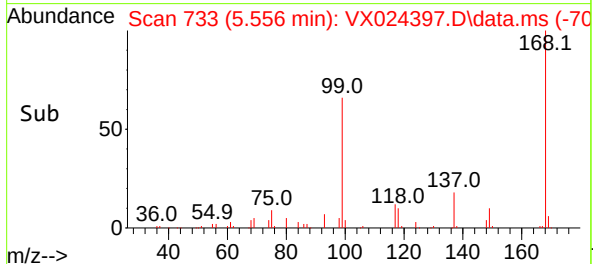


#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

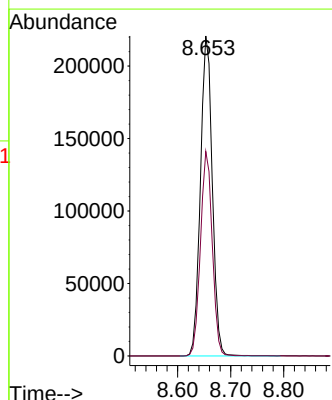
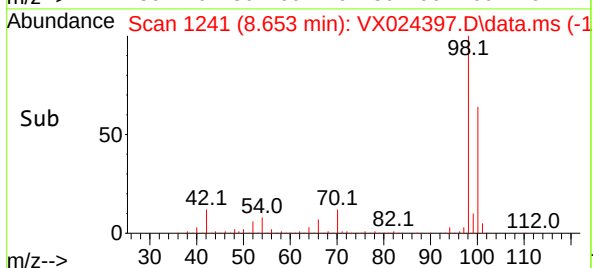
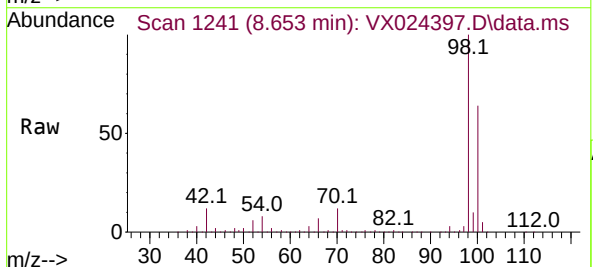


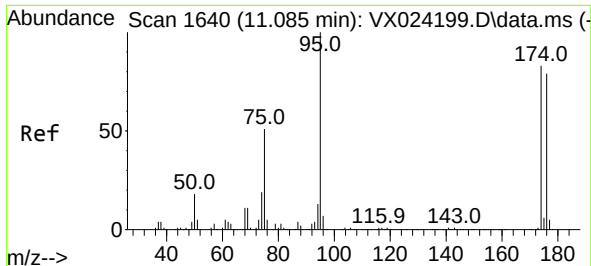
Tgt Ion:117 Resp: 17047
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 98 Resp: 343757
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

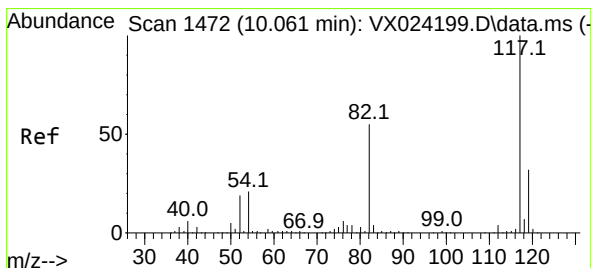
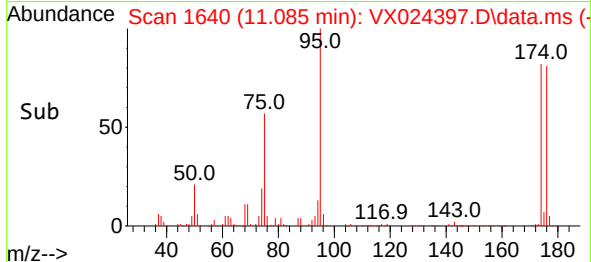
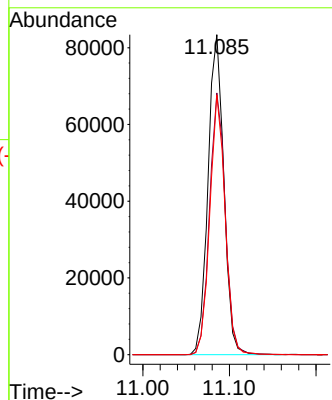
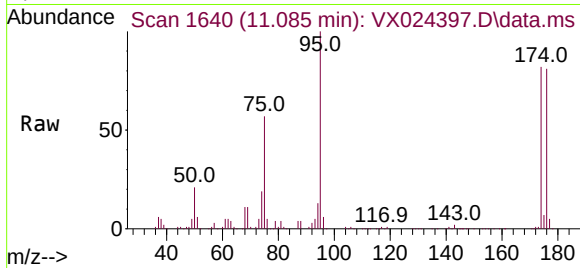




#62
4-Bromofluorobenzene
Concen: 39.978 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

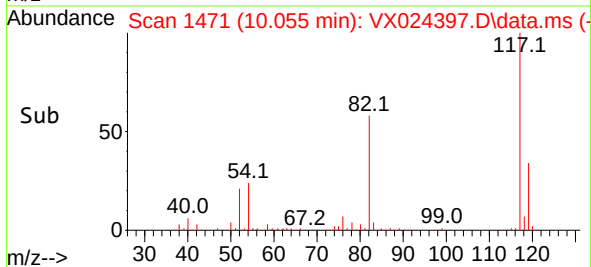
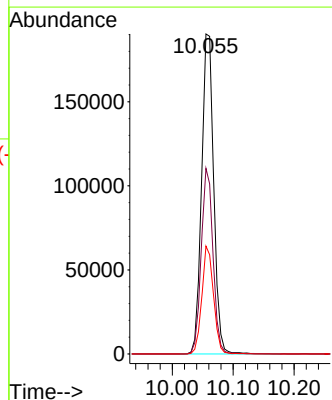
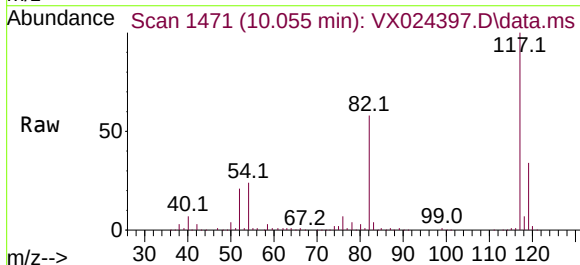
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

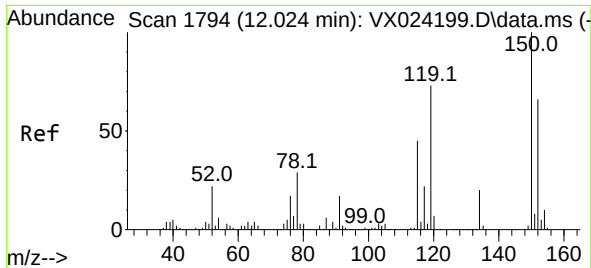
Tgt Ion: 95 Resp: 105649
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 78.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 117 Resp: 263258
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.7 26.6 39.8

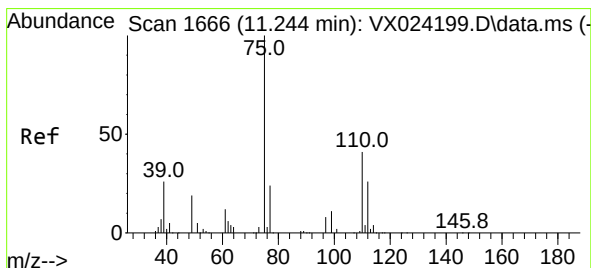
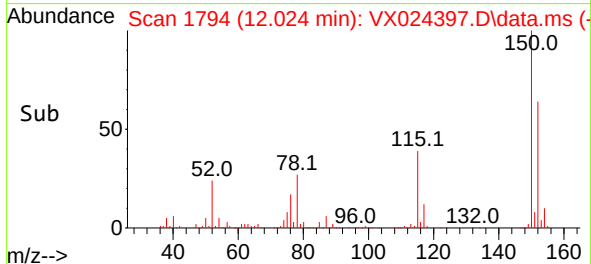
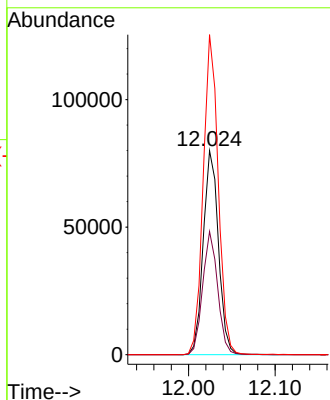
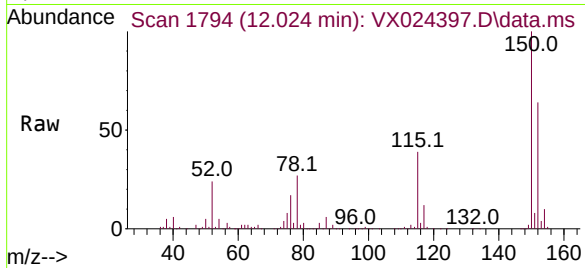




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024397.D
 Acq: 21 Sep 2021 19:34

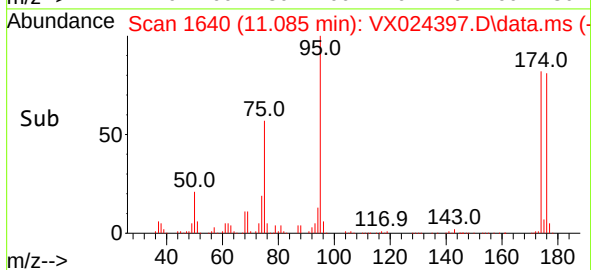
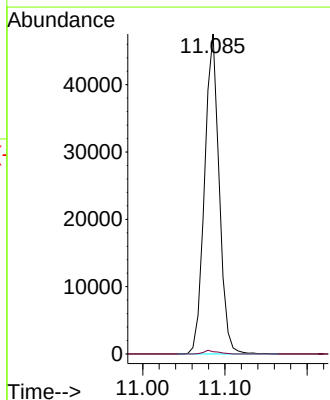
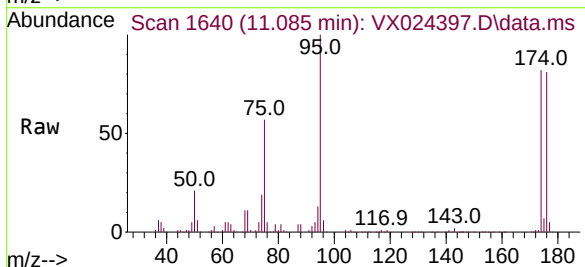
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210914

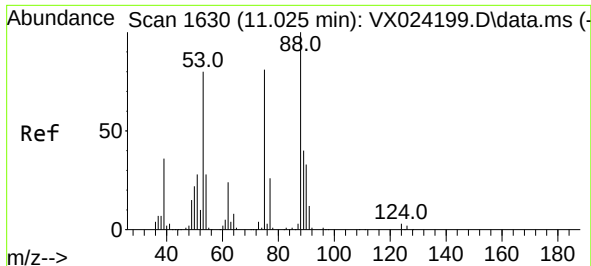
Tgt Ion:152 Resp: 97525
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 154.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.104 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024397.D
 Acq: 21 Sep 2021 19:34

Tgt Ion: 75 Resp: 58539
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

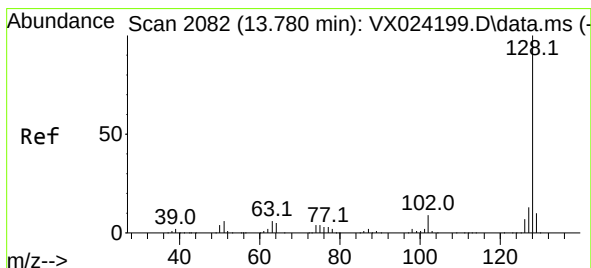
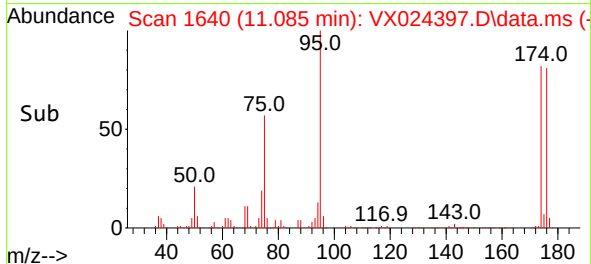
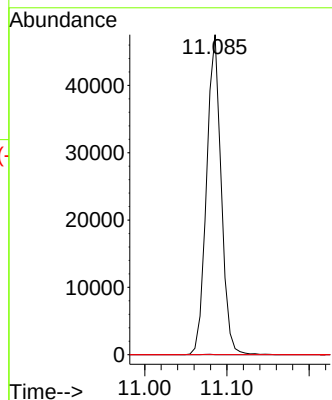
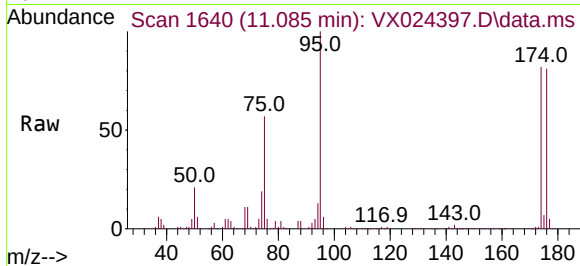




#81
trans-1,4-Dichloro-2-butene
Concen: 76.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210914

Tgt Ion: 75 Resp: 58539
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.337 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024397.D
Acq: 21 Sep 2021 19:34

Tgt Ion: 128 Resp: 357
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

