

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042971.D
 Acq On : 09 Aug 2024 04:53
 Operator : JC/MD
 Sample : P3458-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-224-375

Quant Time: Aug 09 05:52:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

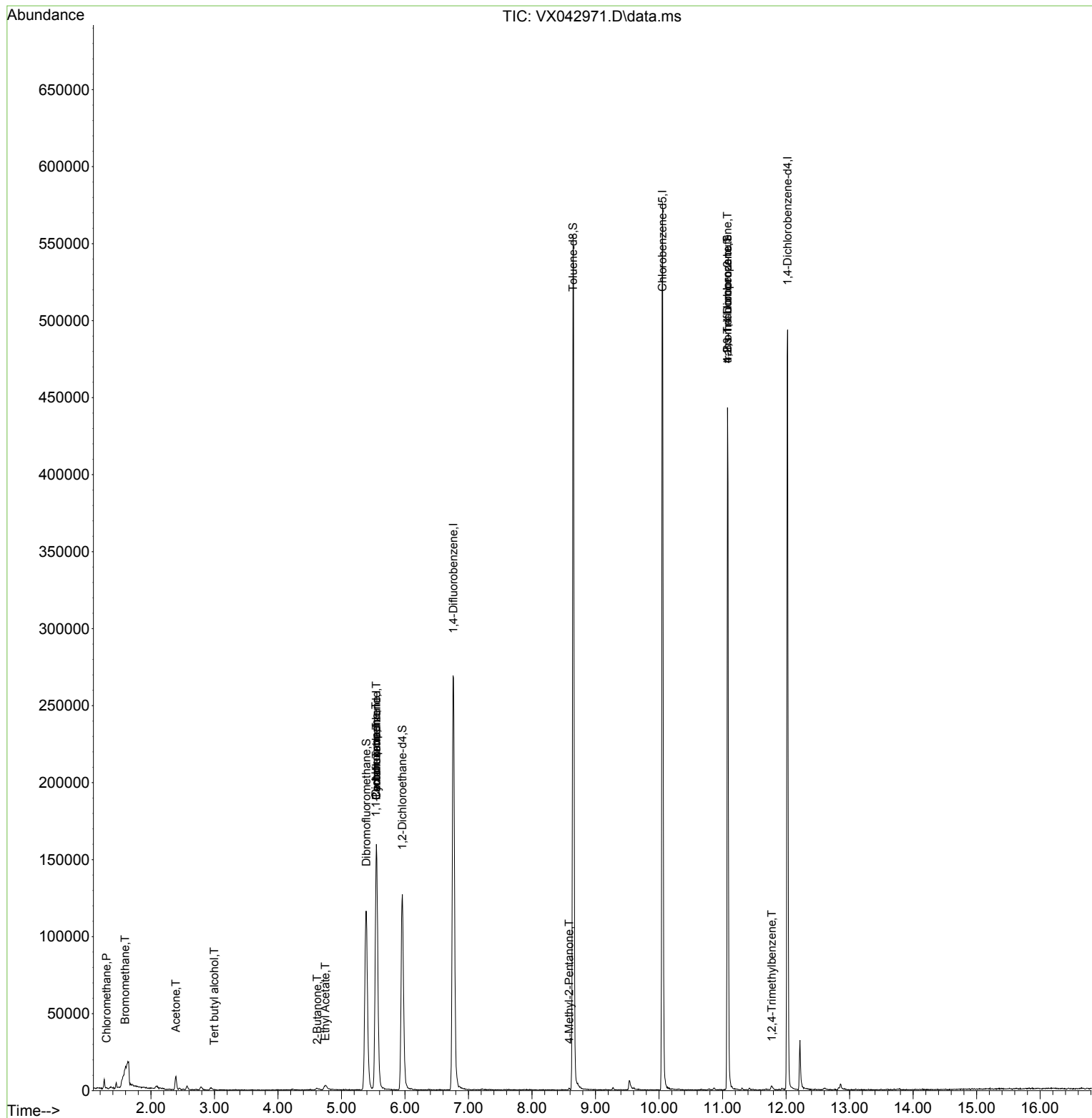
Internal Standards						
1) Pentafluorobenzene	5.549	168	149622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128985	62.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.600%#
35) Dibromofluoromethane	5.391	113	104838	55.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.380%
50) Toluene-d8	8.646	98	342698	51.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.079	95	118679	49.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	598	0.340	ug/l #	60
5) Bromomethane	1.593	94	699	0.693	ug/l #	54
11) Tert butyl alcohol	2.995	59	275	0.673	ug/l #	78
16) Acetone	2.391	43	9559	10.730	ug/l	91
20) Methylene Chloride	2.788	84	1119	Below Cal	#	90
25) 2-Butanone	4.617	43	1033	0.738	ug/l	93
31) Cyclohexane	5.549	56	3207	1.248	ug/l #	46
36) 1,1-Dichloropropene	5.543	75	12142	4.757	ug/l #	51
37) Ethyl Acetate	4.745	43	5993	1.877	ug/l #	94
38) Carbon Tetrachloride	5.549	117	15833	5.496	ug/l #	14
51) 4-Methyl-2-Pentanone	8.585	43	707	0.223	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	60818	25.190	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60818	81.905	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.774	105	1454	0.225	ug/l #	33

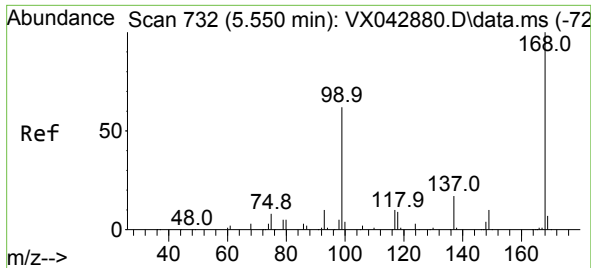
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

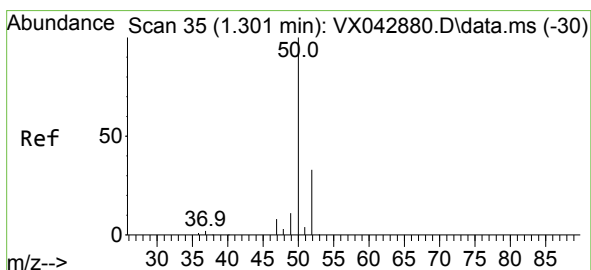
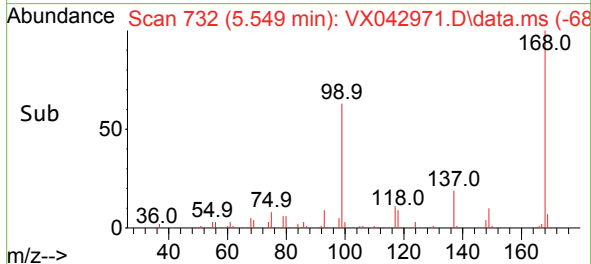
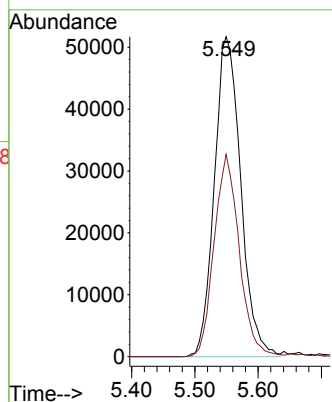
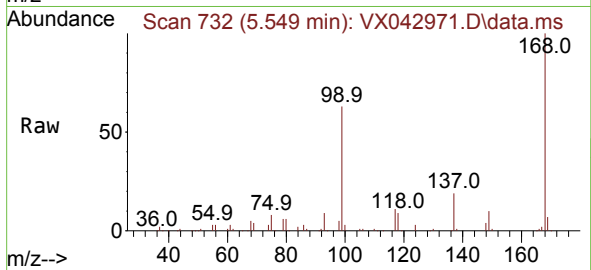




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

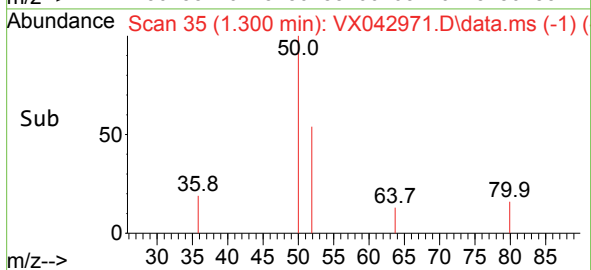
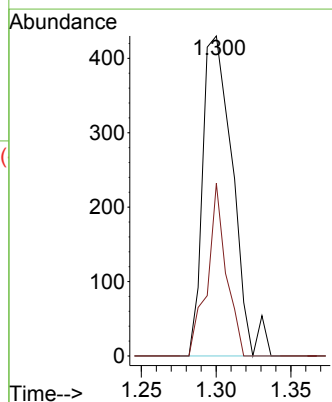
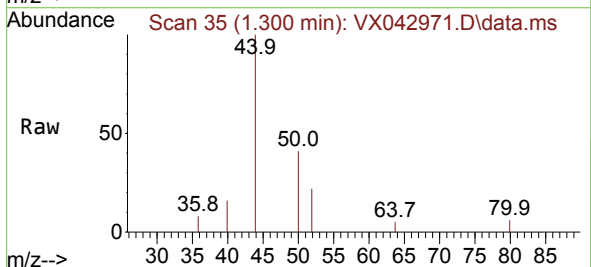
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

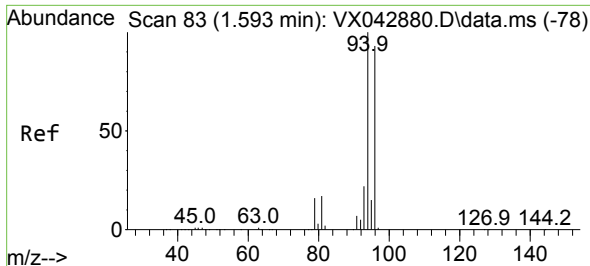
Tgt Ion:168 Resp: 149622
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#3
Chloromethane
Concen: 0.340 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 54.0 25.5 38.3#

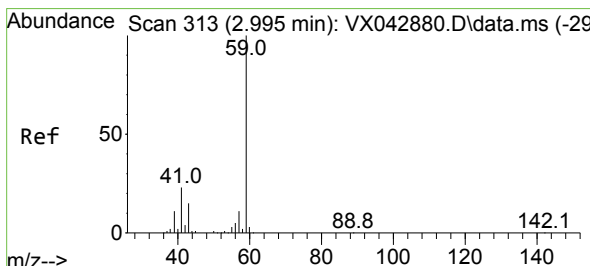
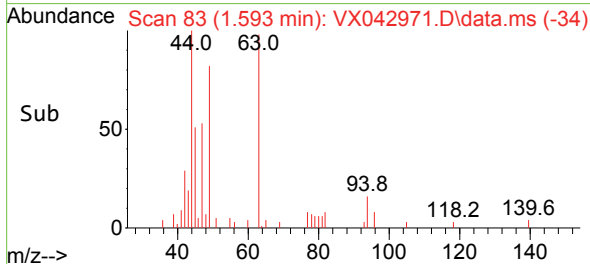
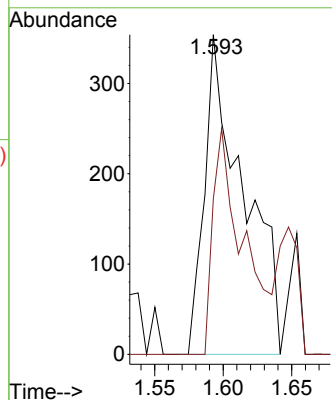
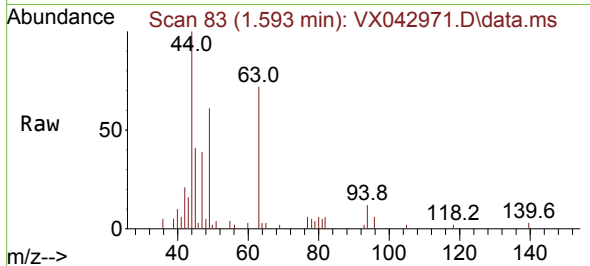




#5
Bromomethane
Concen: 0.693 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

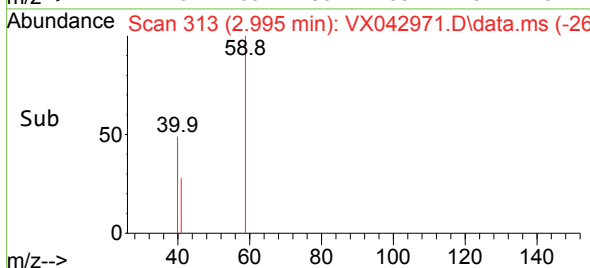
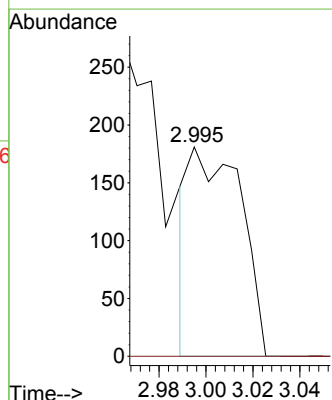
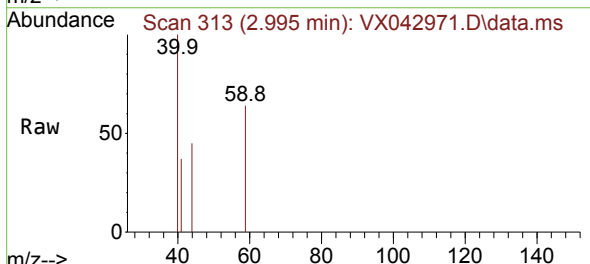
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

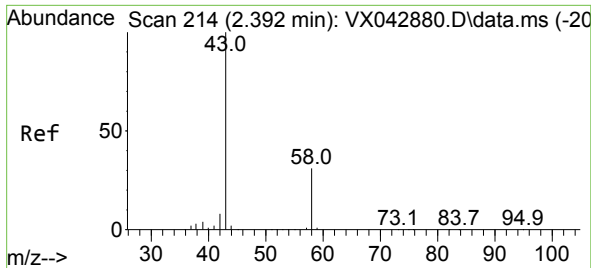
Tgt Ion: 94 Resp: 699
Ion Ratio Lower Upper
94 100
96 48.6 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.673 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

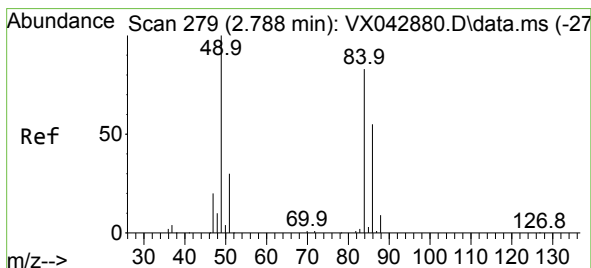
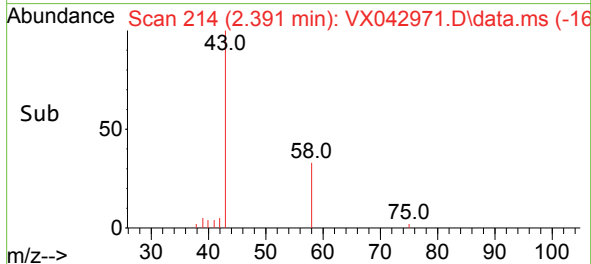
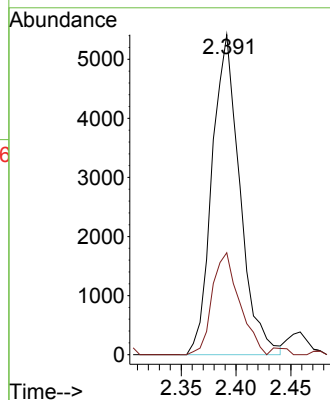
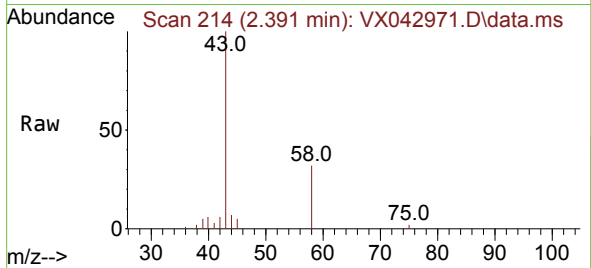




#16
Acetone
Concen: 10.730 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

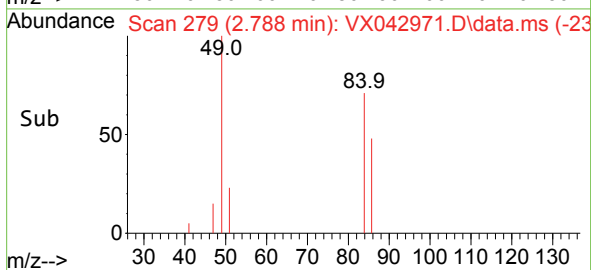
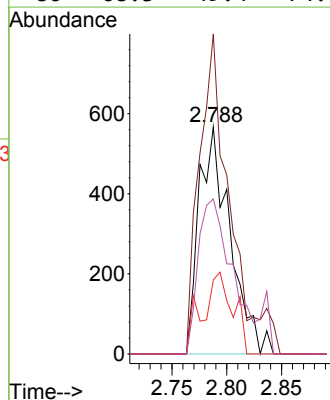
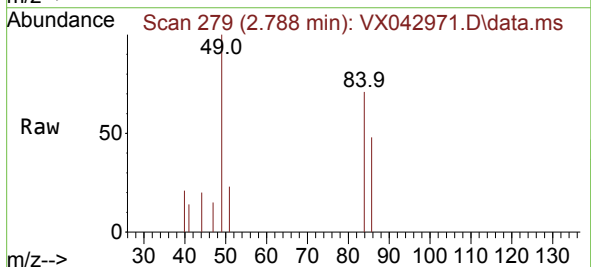
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

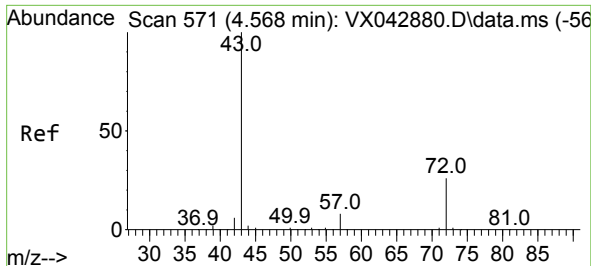
Tgt Ion: 43 Resp: 9559
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 84 Resp: 1119
Ion Ratio Lower Upper
84 100
49 140.9 103.6 155.4
51 32.6 33.8 50.6#
86 68.3 49.4 74.0

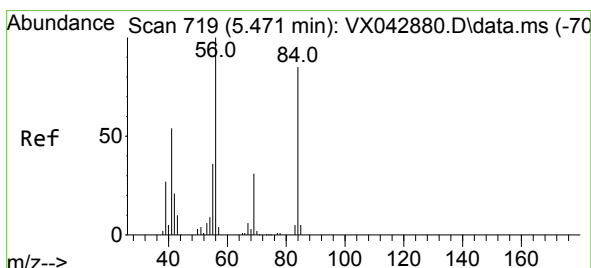
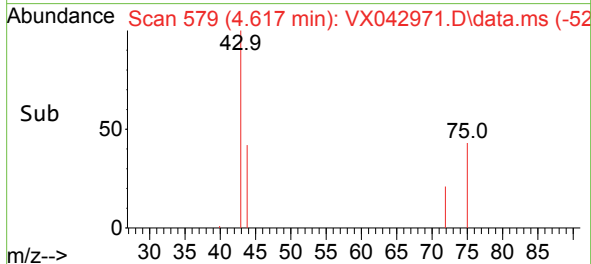
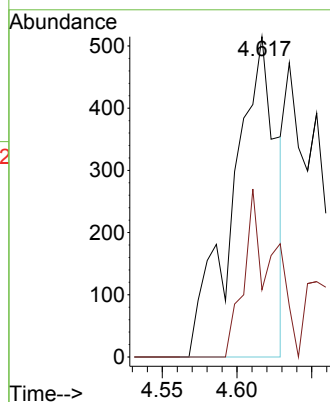
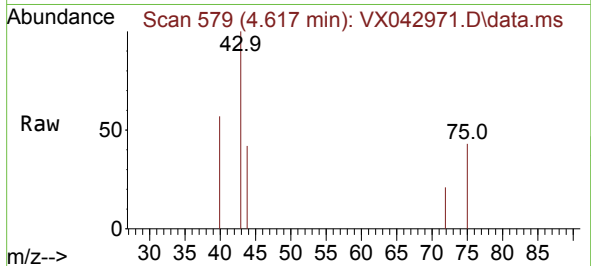




#25
2-Butanone
Concen: 0.738 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.048 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

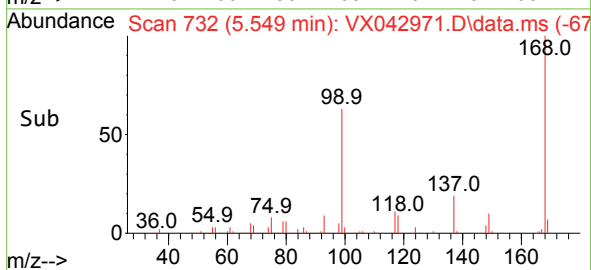
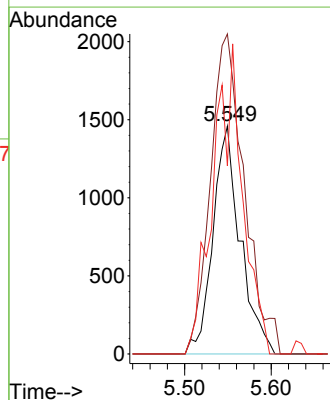
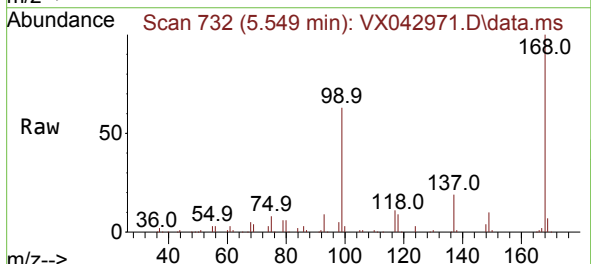
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

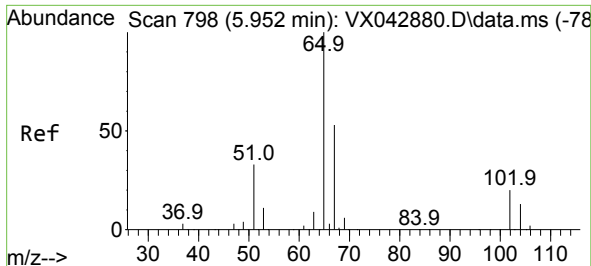
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 21.0 19.4 29.2



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
69 140.4 23.4 35.2#
84 82.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 62.797 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042971.D

Acq: 09 Aug 2024 04:53

Instrument :

MSVOA_X

ClientSampleId :

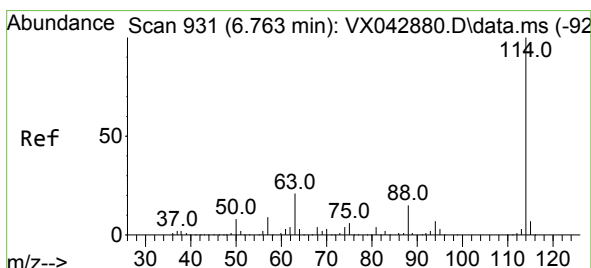
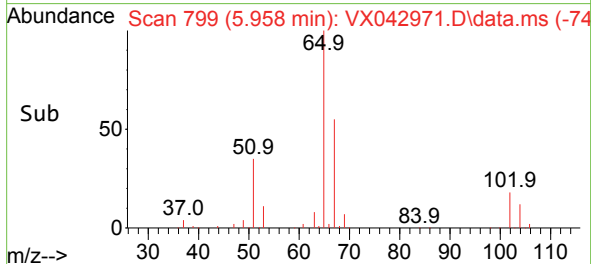
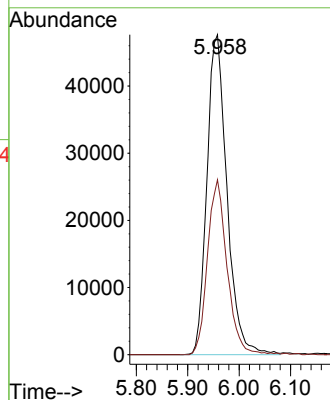
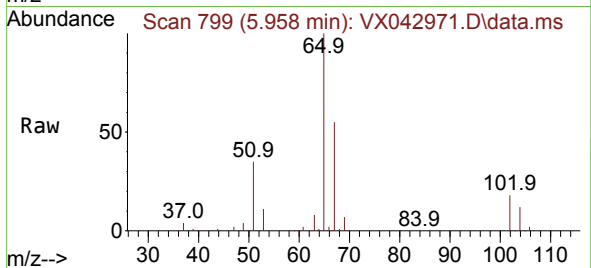
EB-224-375

Tgt Ion: 65 Resp: 128985

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042971.D

Acq: 09 Aug 2024 04:53

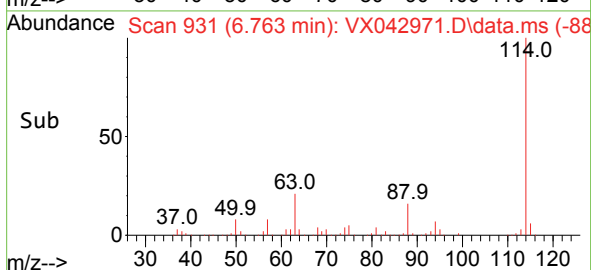
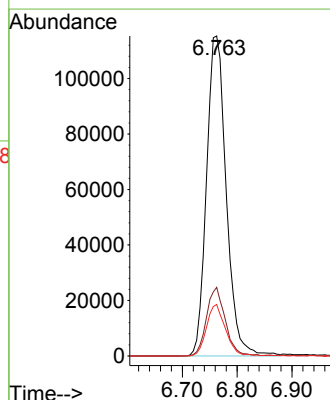
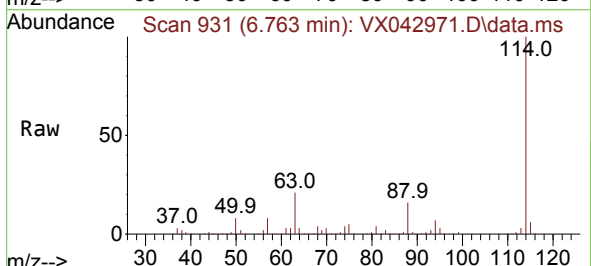
Tgt Ion: 114 Resp: 287905

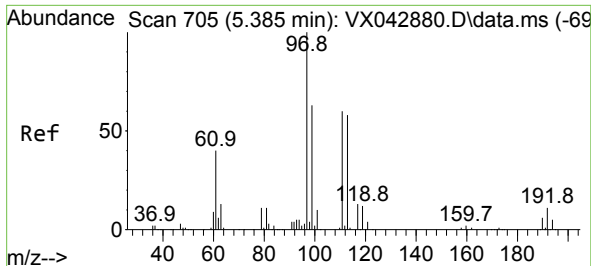
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.1 0.0 36.6

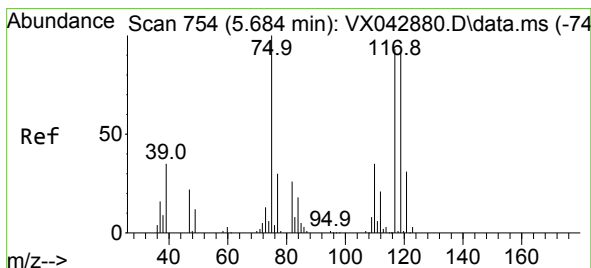
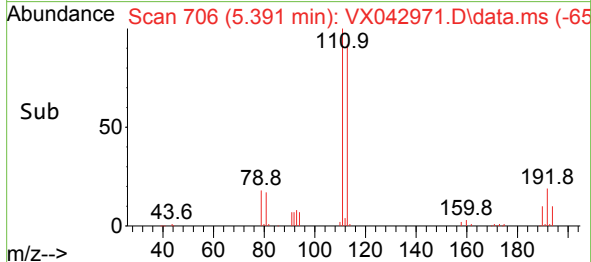
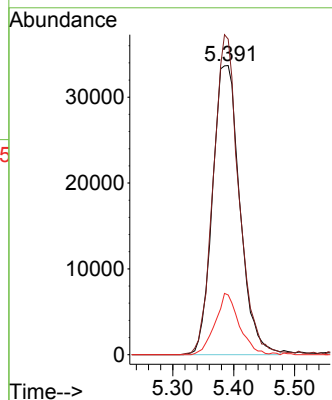
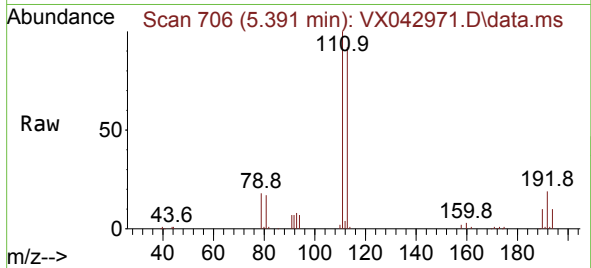




#35
Dibromofluoromethane
Concen: 55.692 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

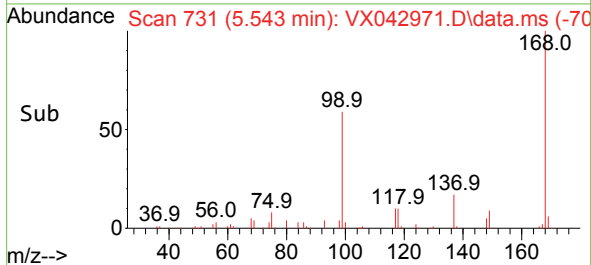
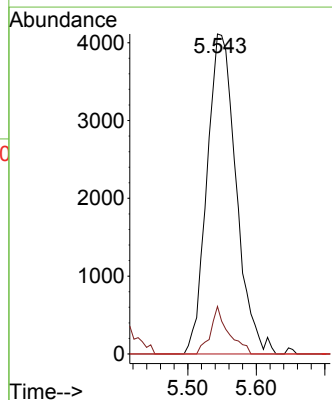
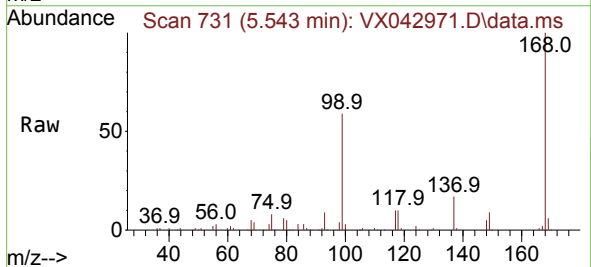
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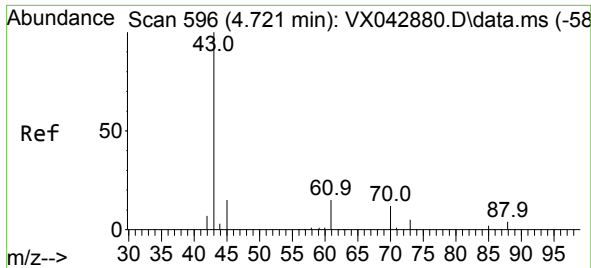
Tgt Ion:113 Resp: 104838
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 75 Resp: 12142
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.877 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX042971.D

Acq: 09 Aug 2024 04:53

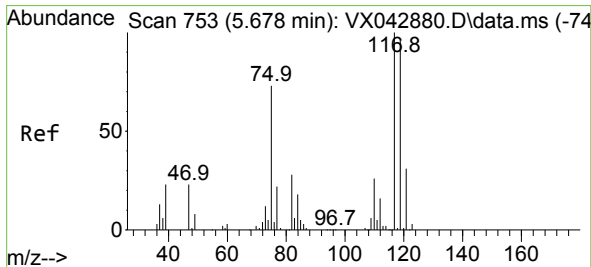
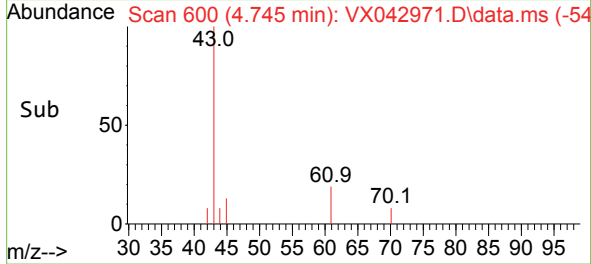
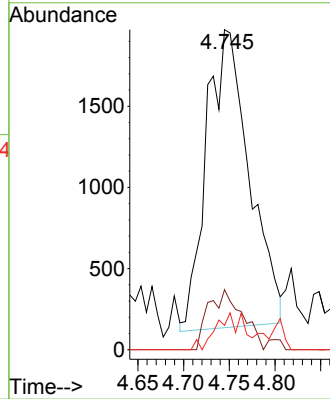
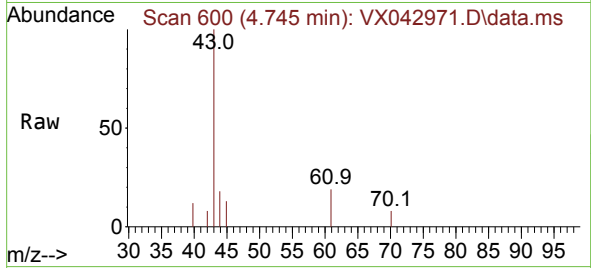
Instrument :

MSVOA_X

ClientSampleId :

EB-224-375

Tgt Ion: 43	Resp: 5993
Ion Ratio	Lower Upper
43 100	
61 15.8	10.6 16.0
70 7.9	8.3 12.5



#38

Carbon Tetrachloride

Concen: 5.496 ug/l

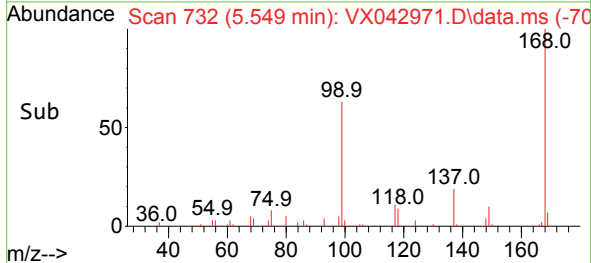
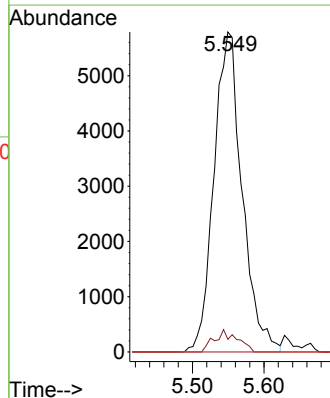
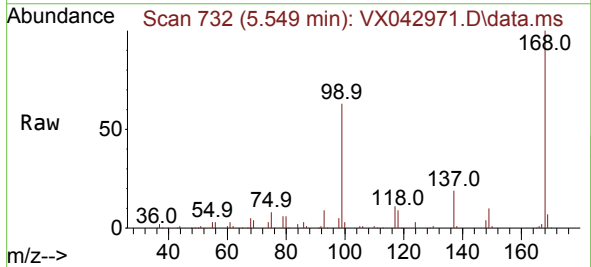
RT: 5.549 min Scan# 732

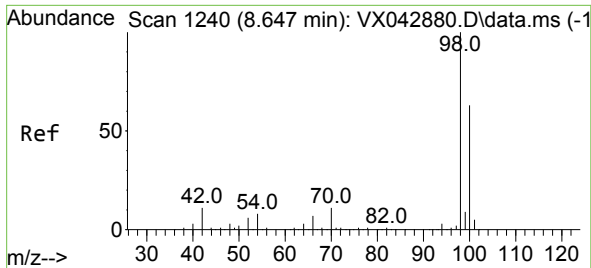
Delta R.T. -0.128 min

Lab File: VX042971.D

Acq: 09 Aug 2024 04:53

Tgt Ion: 117	Resp: 15833
Ion Ratio	Lower Upper
117 100	
119 4.0	78.2 117.2
121 0.0	24.4 36.6

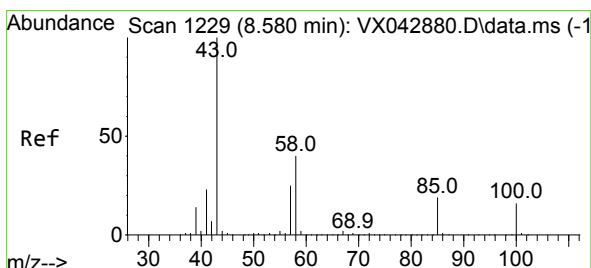
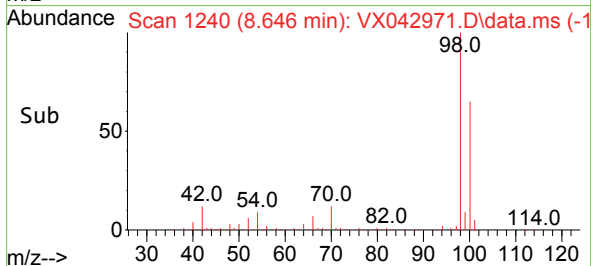
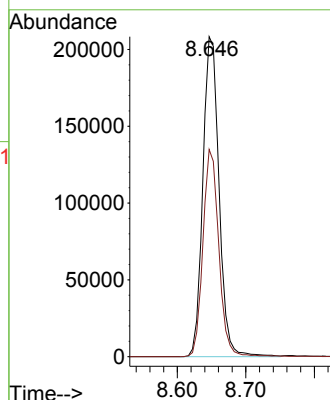
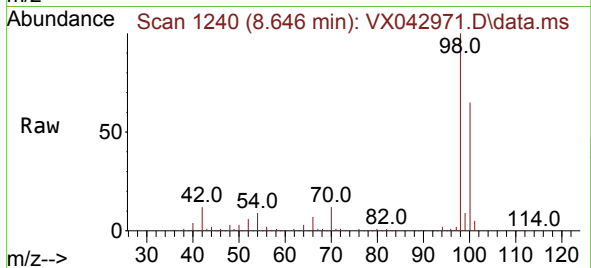




#50
Toluene-d8
Concen: 51.281 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

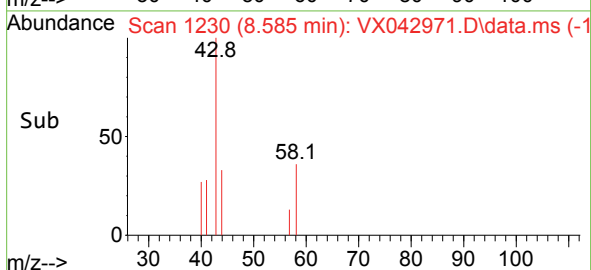
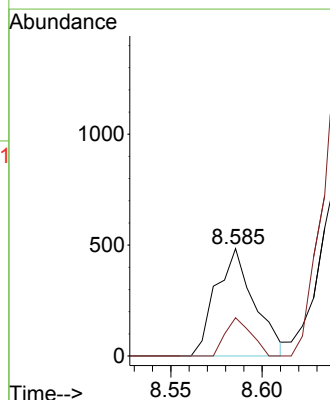
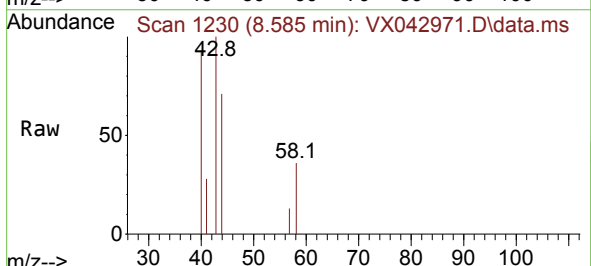
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

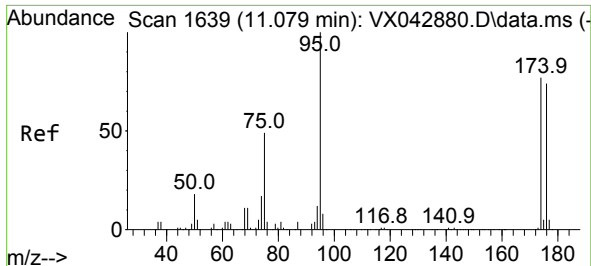
Tgt Ion: 98 Resp: 342698
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.223 ug/l
RT: 8.585 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 23.9 30.4 45.6#

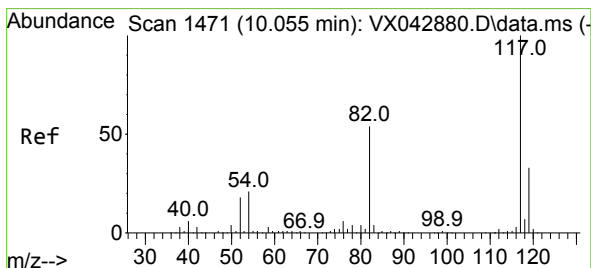
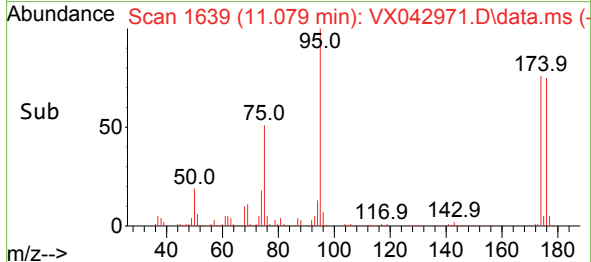
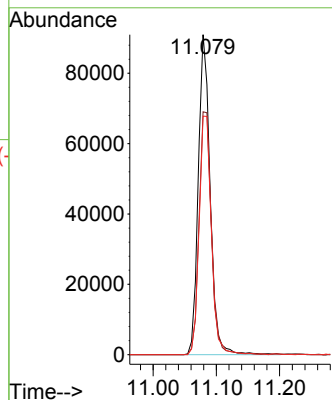
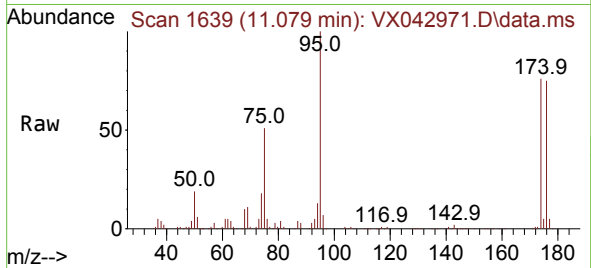




#62
4-Bromofluorobenzene
Concen: 49.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

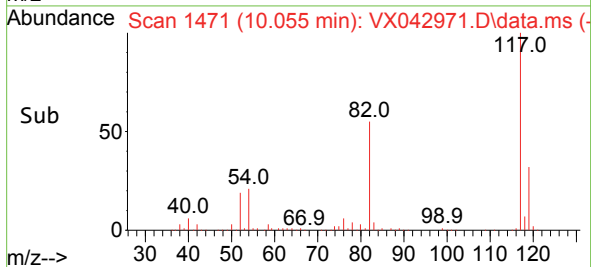
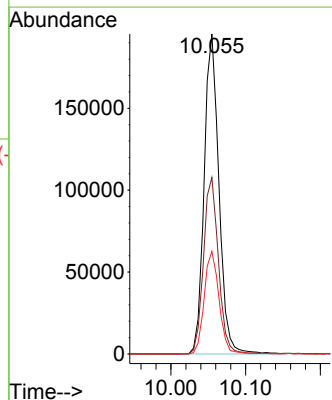
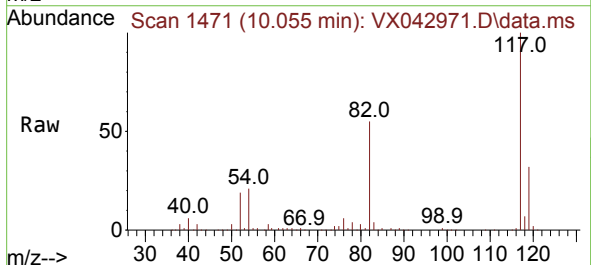
Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

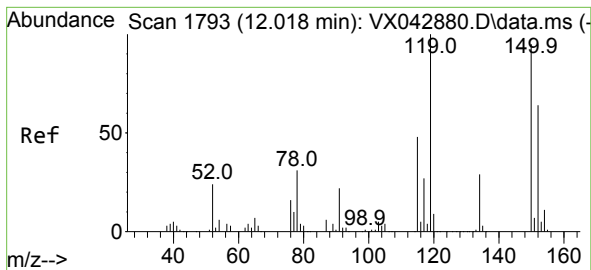
Tgt Ion: 95 Resp: 118679
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 117 Resp: 268309
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042971.D

Acq: 09 Aug 2024 04:53

Instrument :

MSVOA_X

ClientSampleId :

EB-224-375

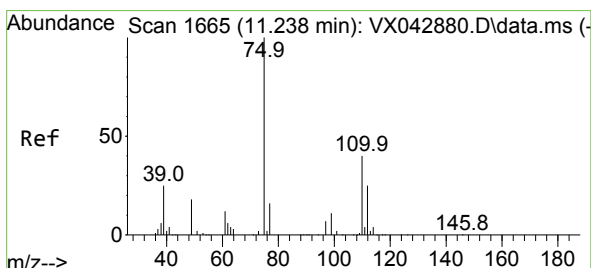
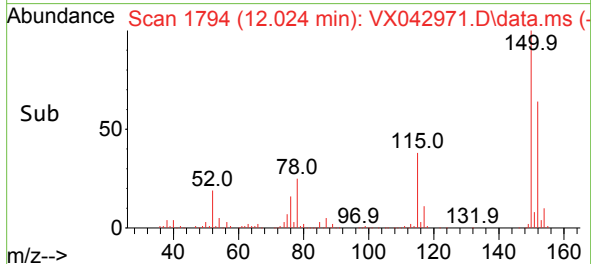
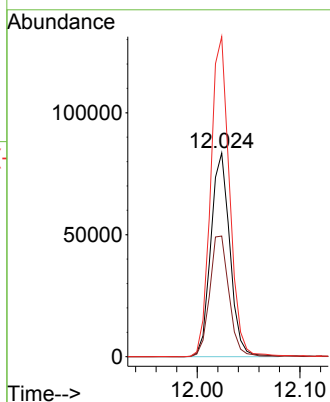
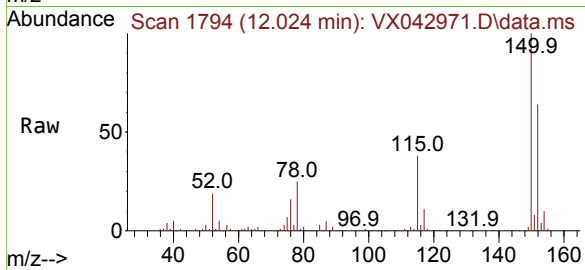
Tgt Ion:152 Resp: 107355

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042971.D

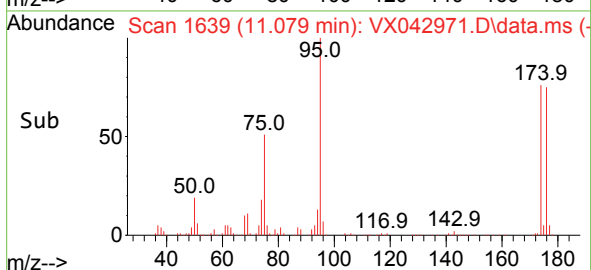
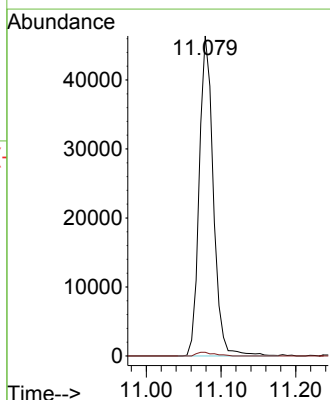
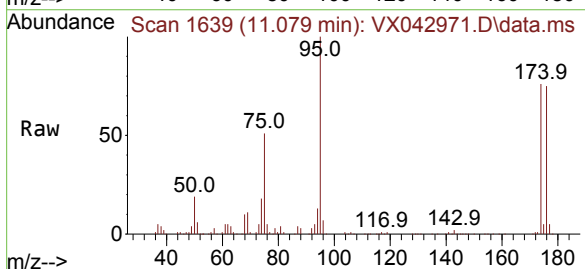
Acq: 09 Aug 2024 04:53

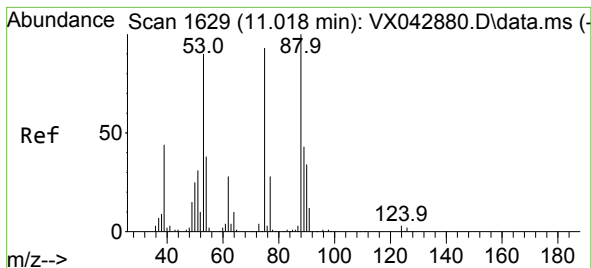
Tgt Ion: 75 Resp: 60818

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

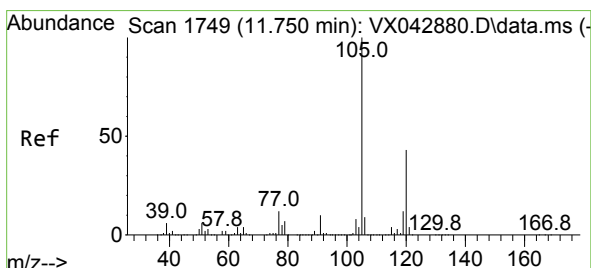
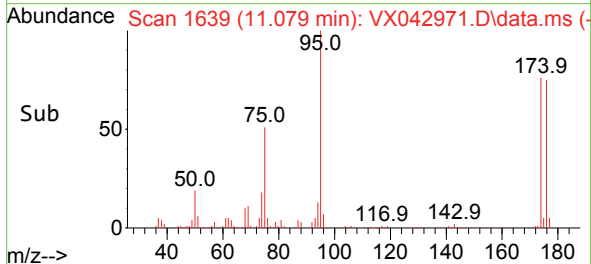
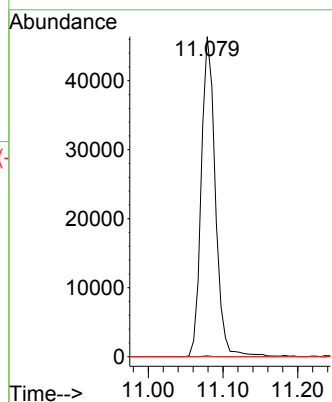
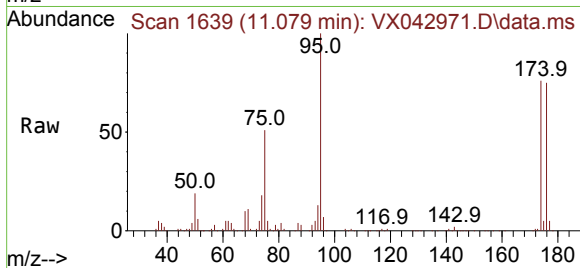




#81
trans-1,4-Dichloro-2-butene
Concen: 81.905 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Instrument :
MSVOA_X
ClientSampleId :
EB-224-375

Tgt Ion: 75 Resp: 60818
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.225 ug/l
RT: 11.774 min Scan# 1753
Delta R.T. 0.024 min
Lab File: VX042971.D
Acq: 09 Aug 2024 04:53

Tgt Ion: 105 Resp: 1454
Ion Ratio Lower Upper
105 100
120 0.0 21.2 63.6#

