

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042970.D
 Acq On : 09 Aug 2024 04:30
 Operator : JC/MD
 Sample : P3458-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-70-150

Quant Time: Aug 09 05:51:52 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)

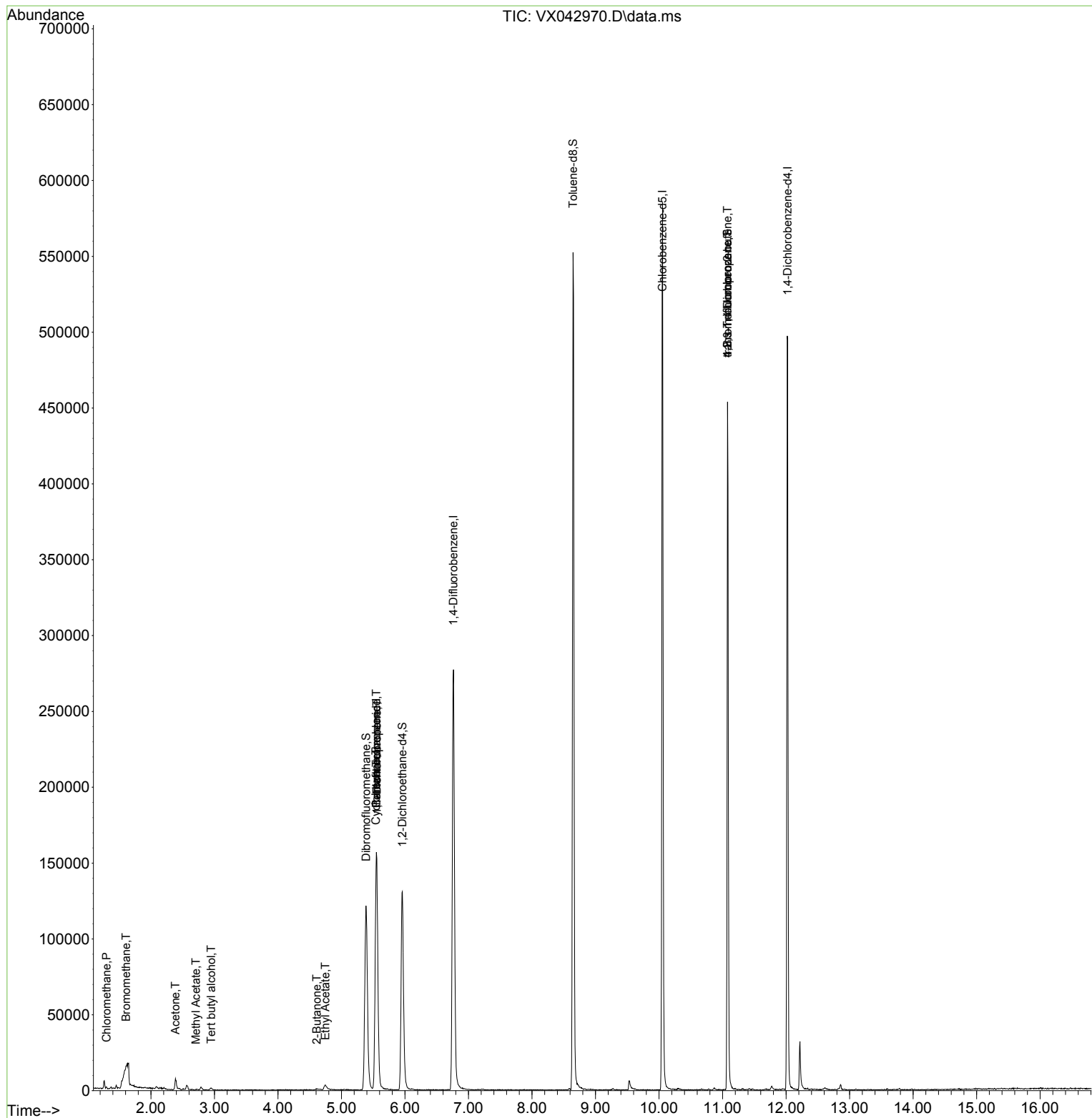
Internal Standards						
1) Pentafluorobenzene	5.550	168	149464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131859	64.264	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 128.520%#	
35) Dibromofluoromethane	5.385	113	108715	57.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.360%	
50) Toluene-d8	8.647	98	339036	50.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	11.079	95	119084	49.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	846	0.482	ug/l #	84
5) Bromomethane	1.605	94	530	0.526	ug/l #	71
11) Tert butyl alcohol	2.947	59	1028	2.519	ug/l #	78
16) Acetone	2.386	43	8424	9.466	ug/l	95
18) Methyl Acetate	2.709	43	599	0.212	ug/l #	63
20) Methylene Chloride	2.788	84	1046	Below Cal	#	74
25) 2-Butanone	4.611	43	931	0.666	ug/l #	64
31) Cyclohexane	5.544	56	3270	1.274	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	12723	4.979	ug/l #	48
37) Ethyl Acetate	4.745	43	6151	1.924	ug/l #	93
38) Carbon Tetrachloride	5.550	117	15517	5.379	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	61766	25.210	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61766	81.972	ug/l #	5

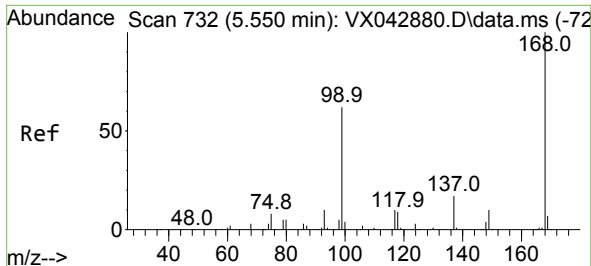
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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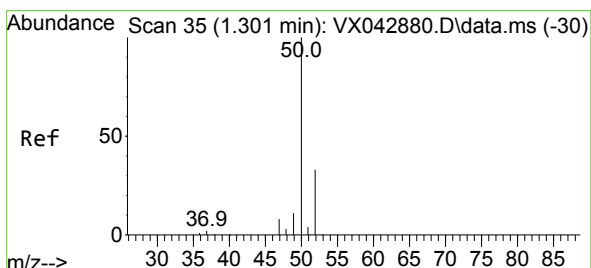
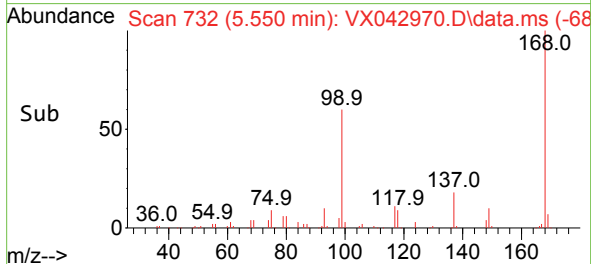
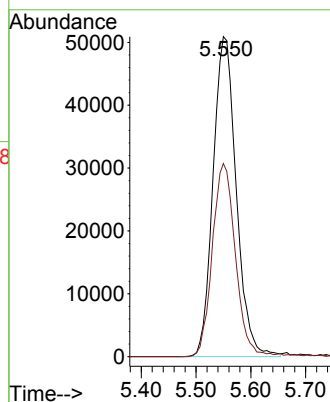
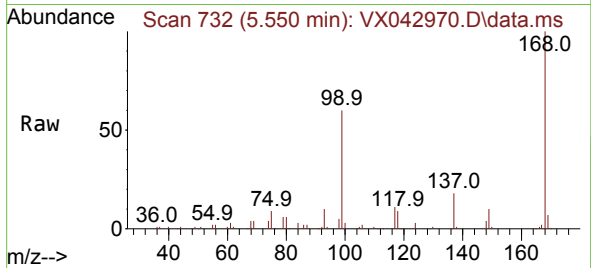




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

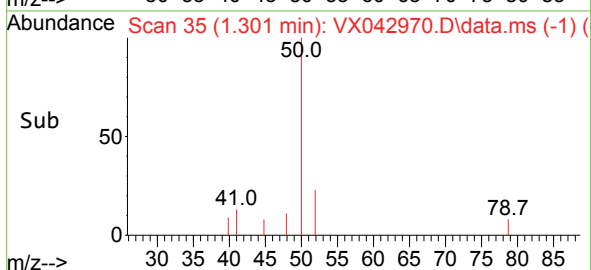
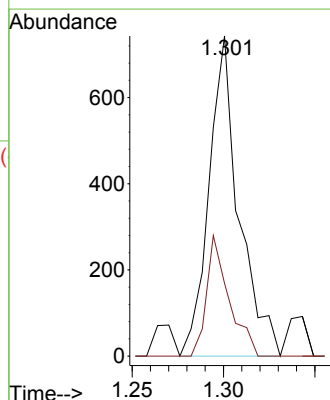
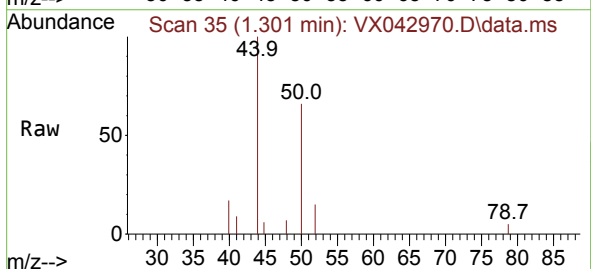
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

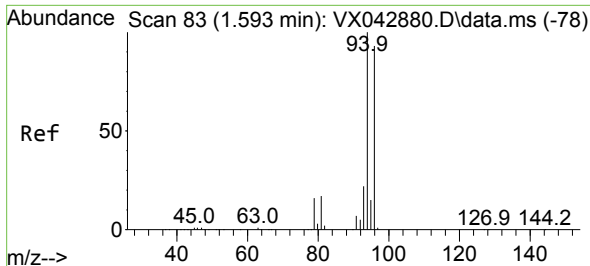
Tgt Ion:168 Resp: 149464
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#3
Chloromethane
Concen: 0.482 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 22.7 25.5 38.3#

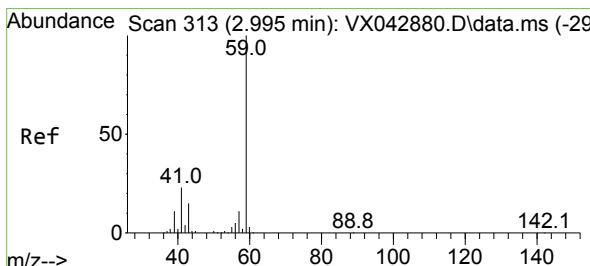
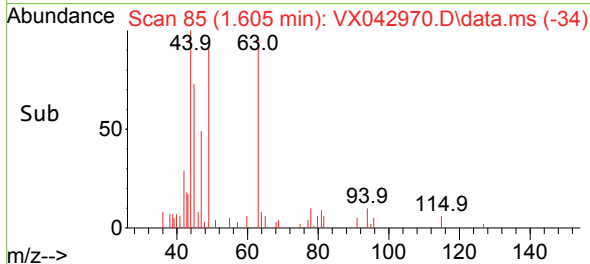
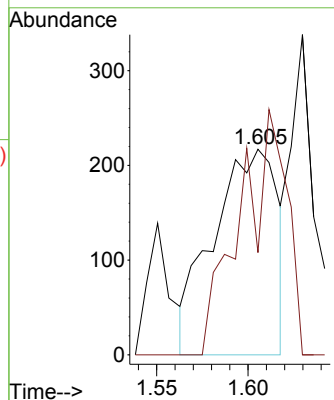
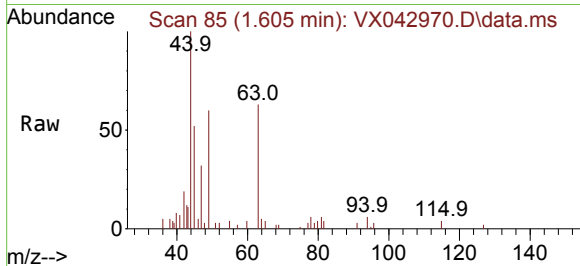




#5
Bromomethane
Concen: 0.526 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

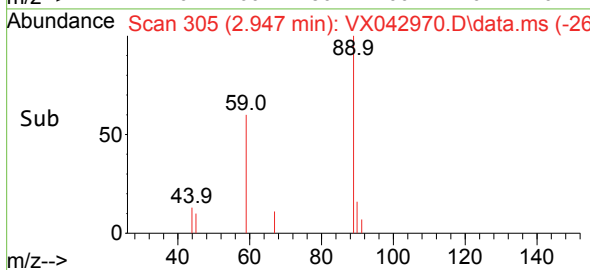
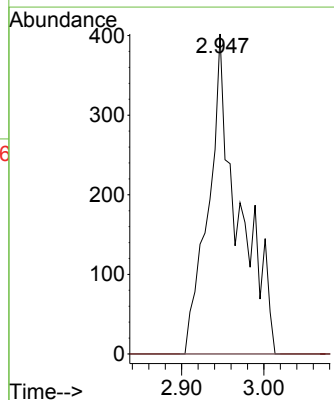
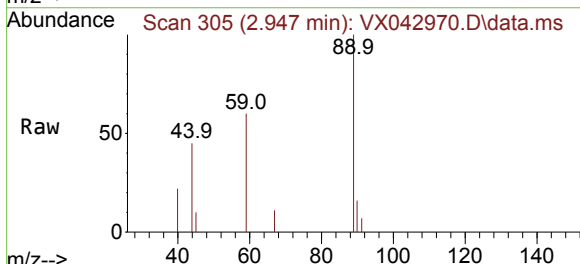
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

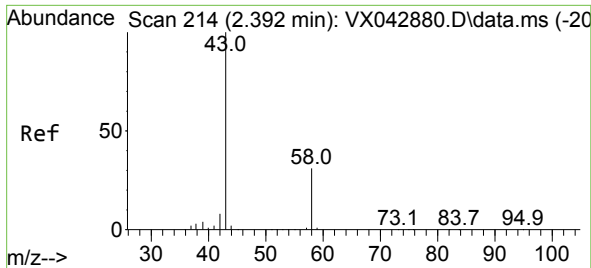
Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 65.1 74.6 111.8#



#11
Tert butyl alcohol
Concen: 2.519 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion: 59 Resp: 1028
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 9.466 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042970.D

Acq: 09 Aug 2024 04:30

Instrument :

MSVOA_X

ClientSampleId :

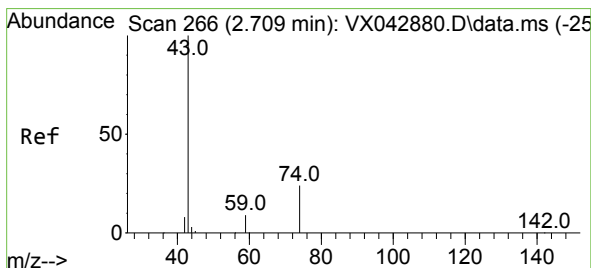
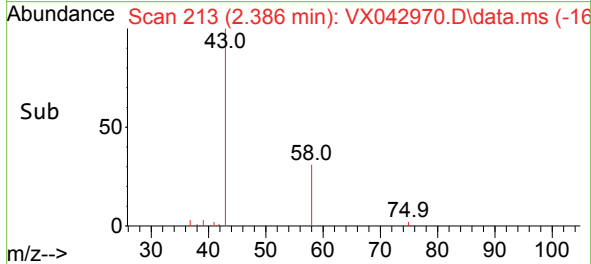
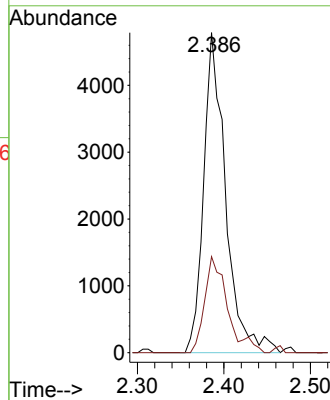
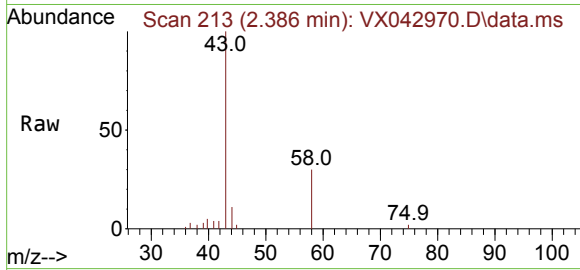
EB-70-150

Tgt Ion: 43 Resp: 8424

Ion Ratio Lower Upper

43 100

58 30.0 21.9 32.9



#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042970.D

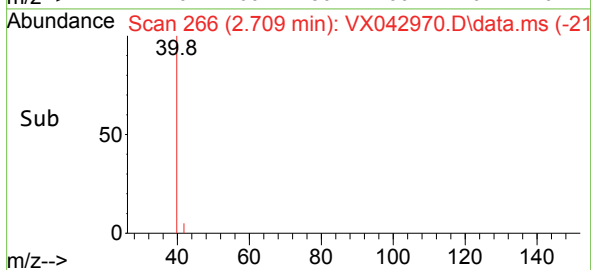
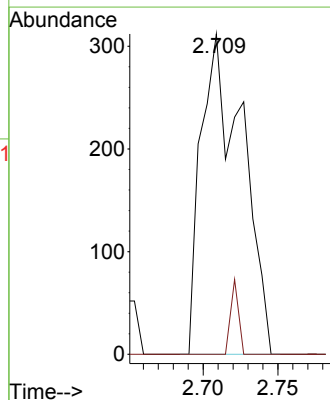
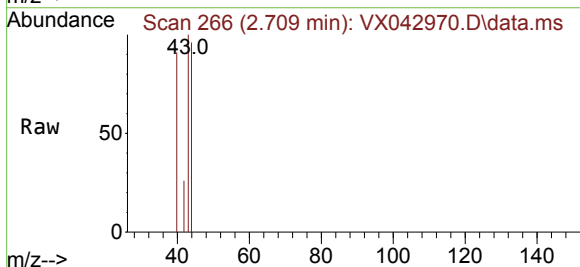
Acq: 09 Aug 2024 04:30

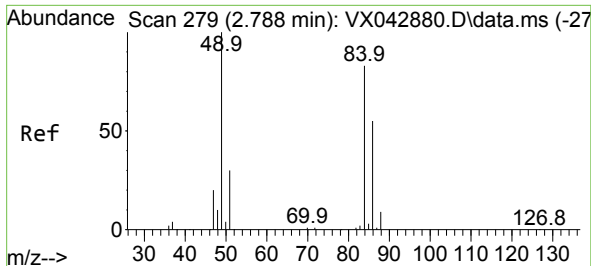
Tgt Ion: 43 Resp: 599

Ion Ratio Lower Upper

43 100

74 4.5 17.8 26.8#

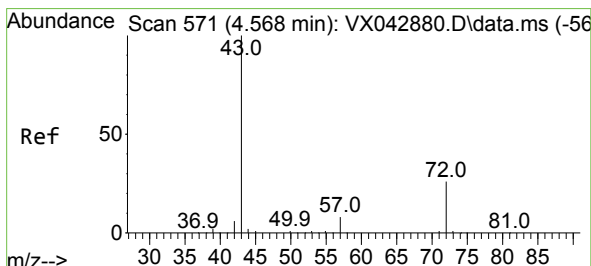
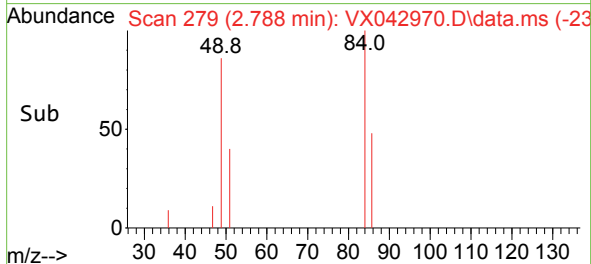
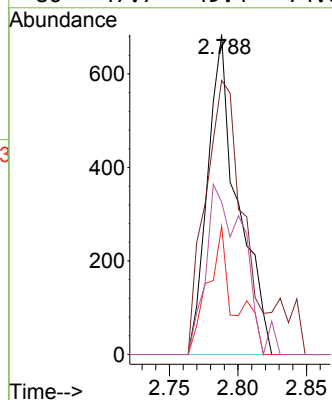
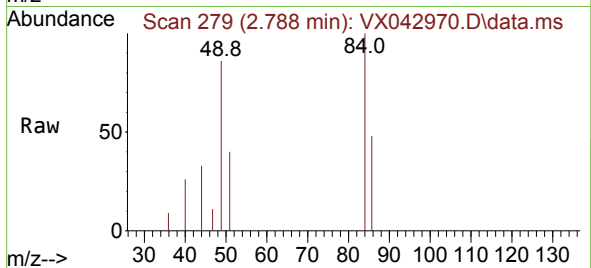




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

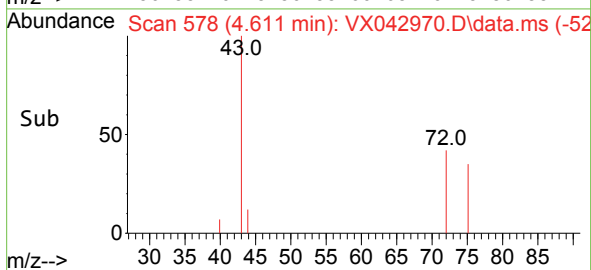
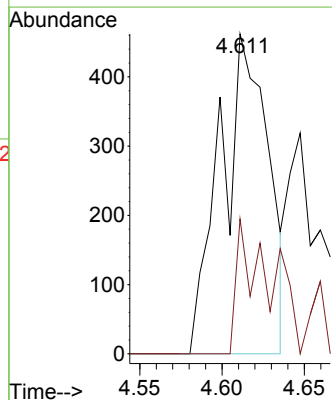
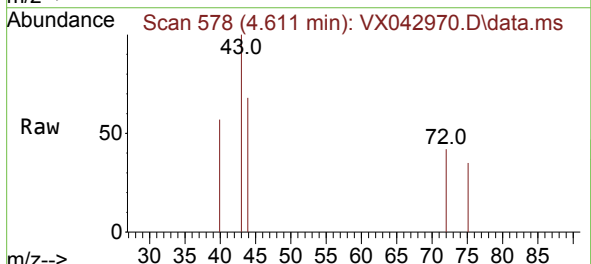
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

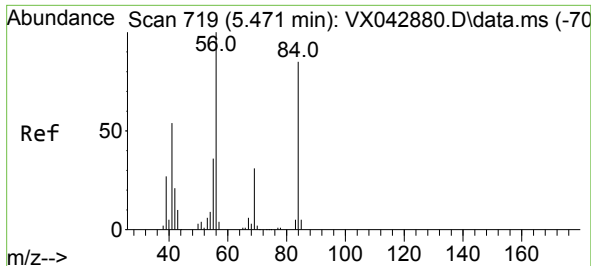
Tgt Ion: 84 Resp: 1046
Ion Ratio Lower Upper
84 100
49 85.7 103.6 155.4#
51 40.1 33.8 50.6
86 47.7 49.4 74.0#



#25
2-Butanone
Concen: 0.666 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

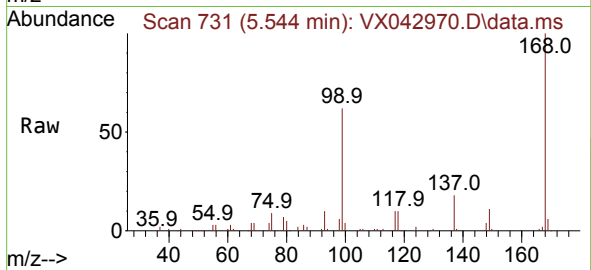
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
72 42.2 19.4 29.2#



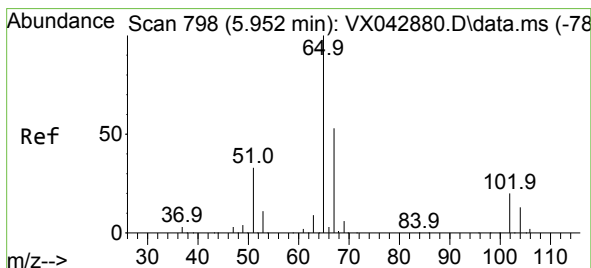
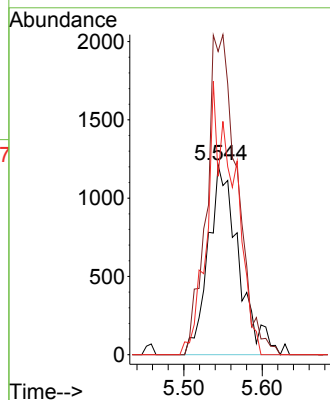
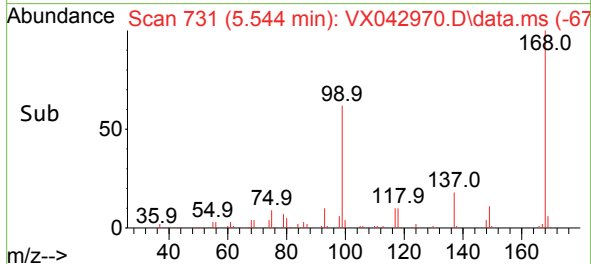


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

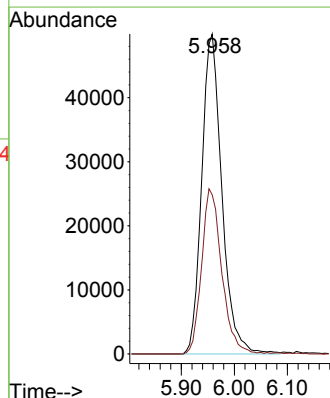
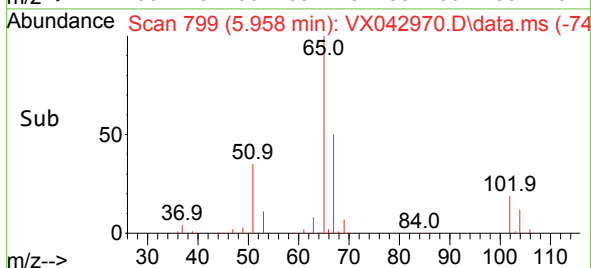
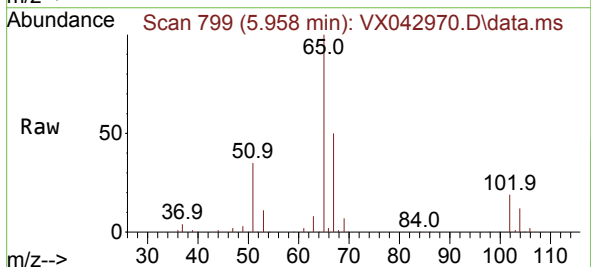


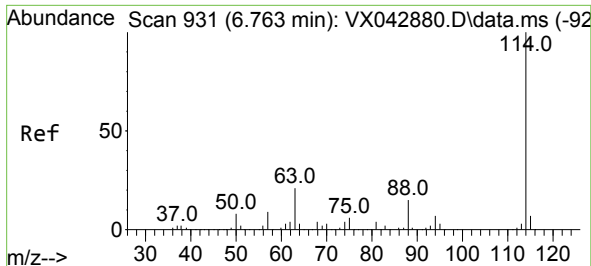
Tgt Ion: 56 Resp: 3270
Ion Ratio Lower Upper
56 100
69 159.7 23.4 35.2#
84 94.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 64.264 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion: 65 Resp: 131859
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

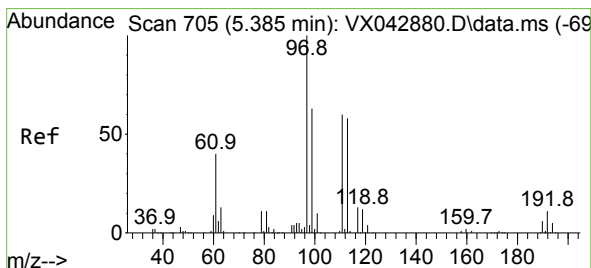
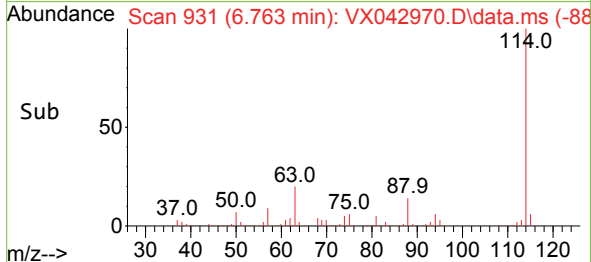
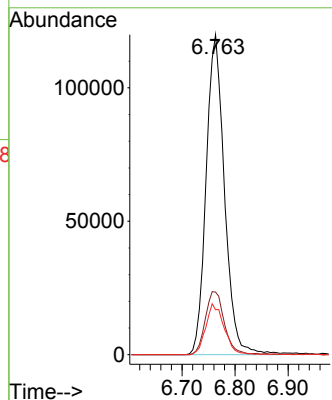
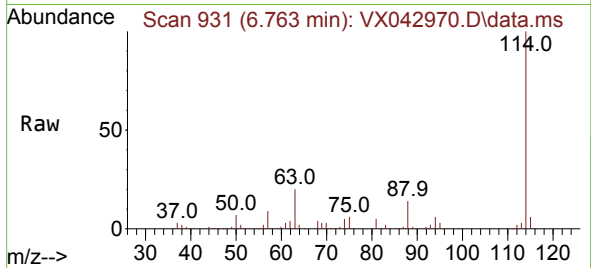




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

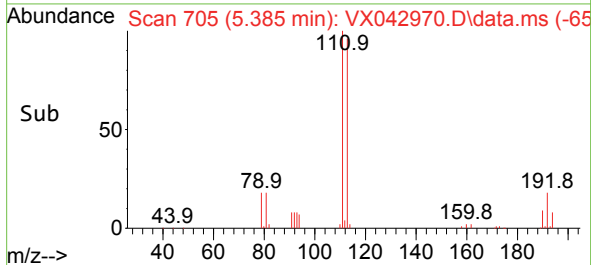
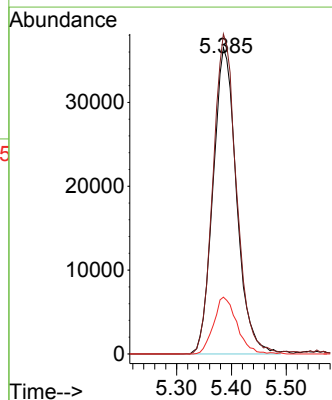
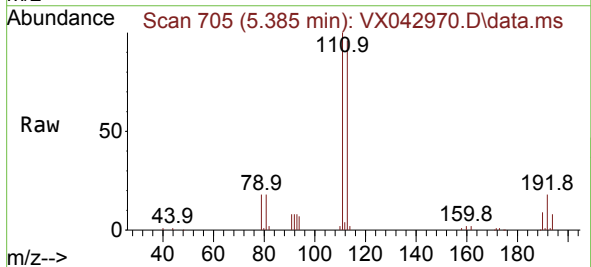
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

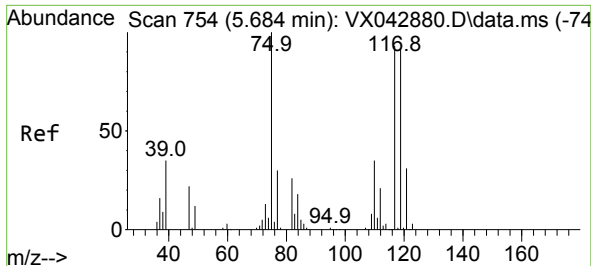
Tgt Ion:114 Resp: 288248
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 57.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion:113 Resp: 108715
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX042970.D

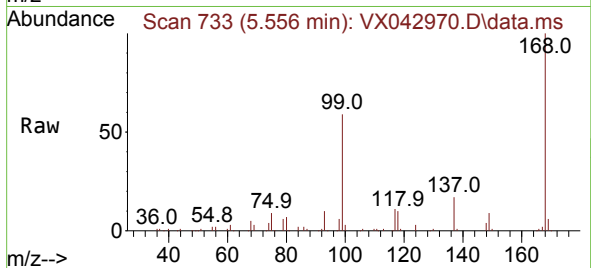
Acq: 09 Aug 2024 04:30

Instrument :

MSVOA_X

ClientSampleId :

EB-70-150



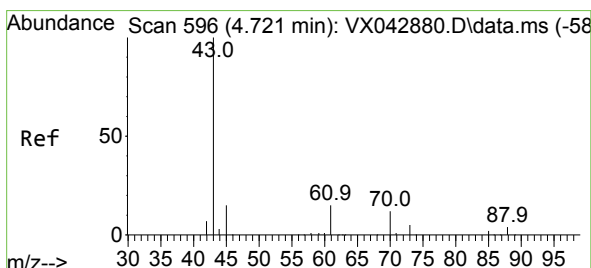
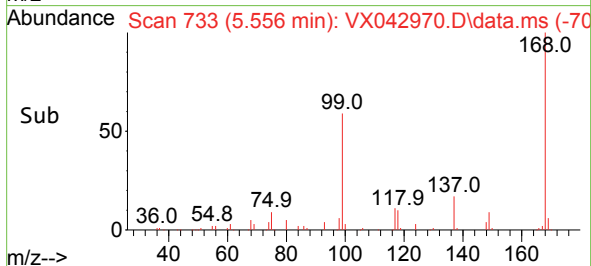
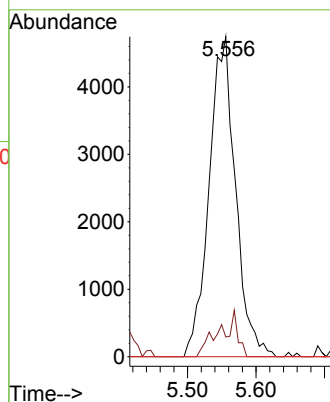
Tgt Ion: 75 Resp: 12723

Ion Ratio Lower Upper

75 100

110 5.8 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.924 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX042970.D

Acq: 09 Aug 2024 04:30

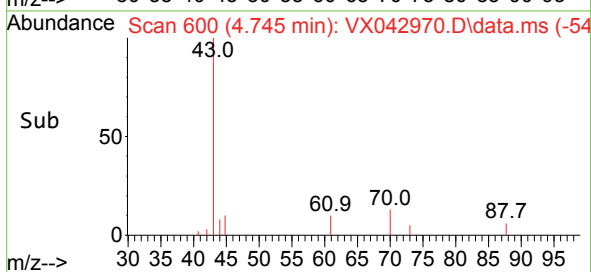
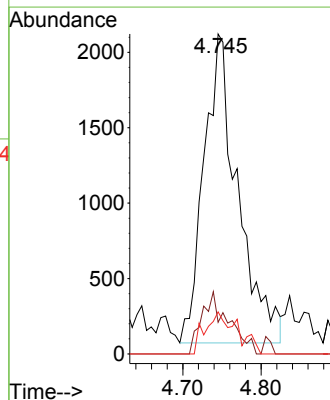
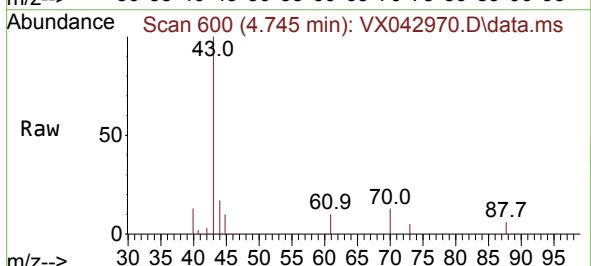
Tgt Ion: 43 Resp: 6151

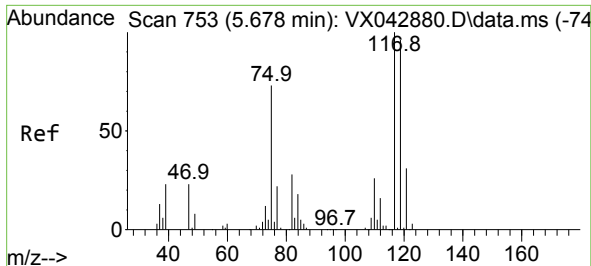
Ion Ratio Lower Upper

43 100

61 16.0 10.6 16.0#

70 12.9 8.3 12.5#

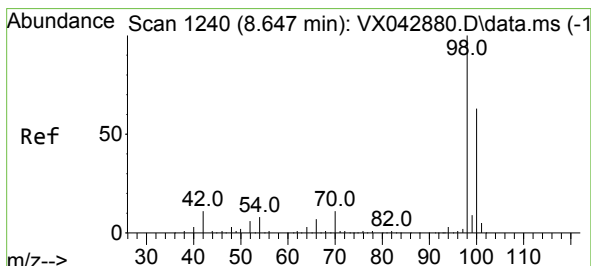
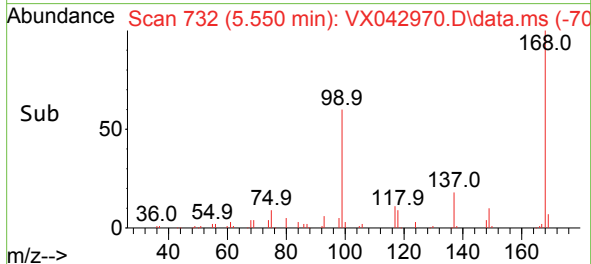
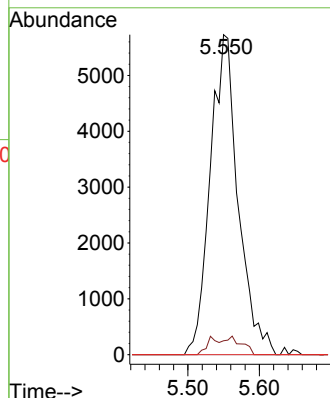
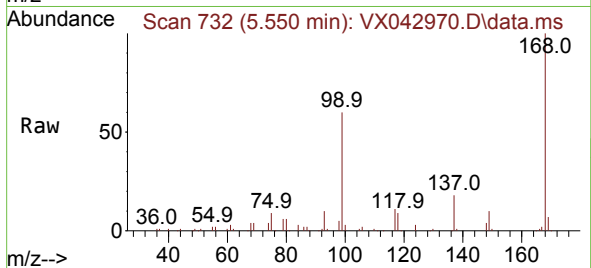




#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

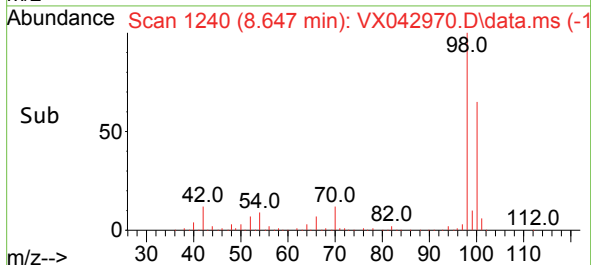
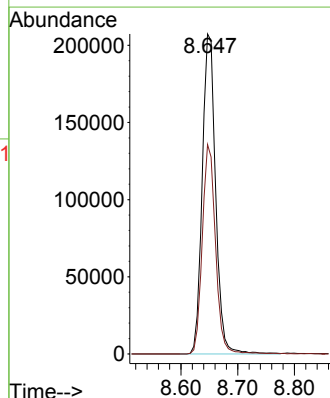
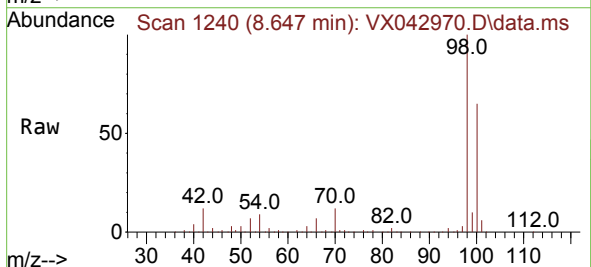
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

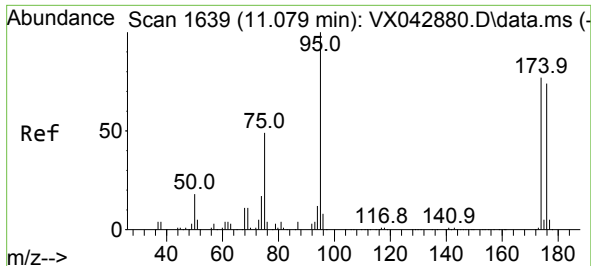
Tgt Ion:117 Resp: 15517
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.672 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion: 98 Resp: 339036
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

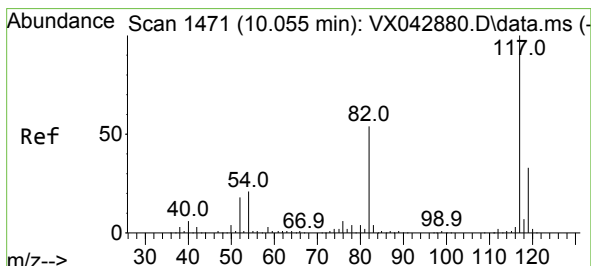
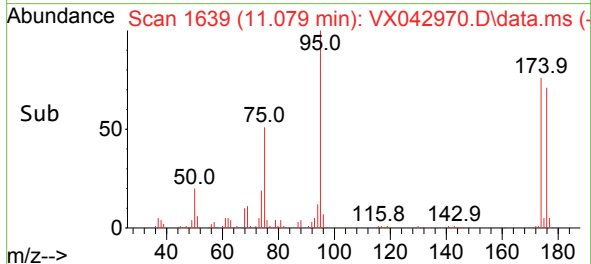
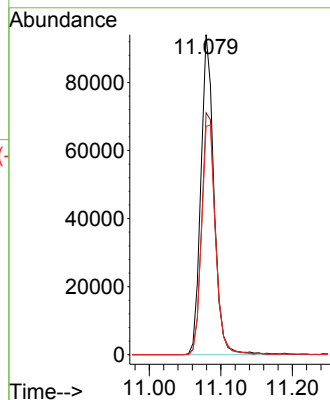
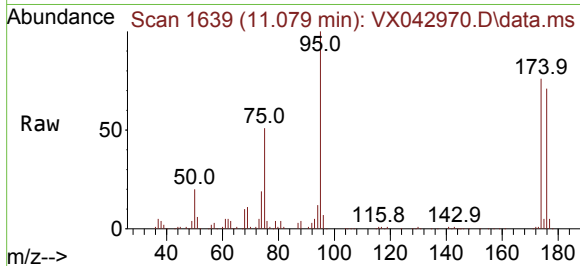




#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

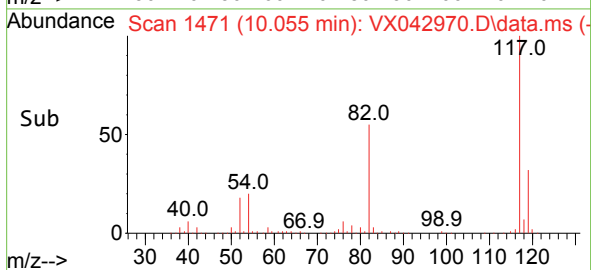
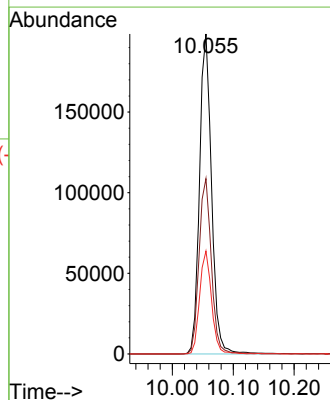
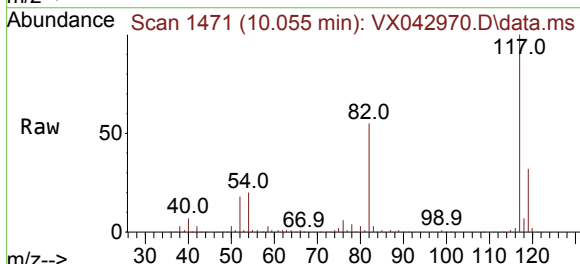
Instrument :
MSVOA_X
ClientSampleId :
EB-70-150

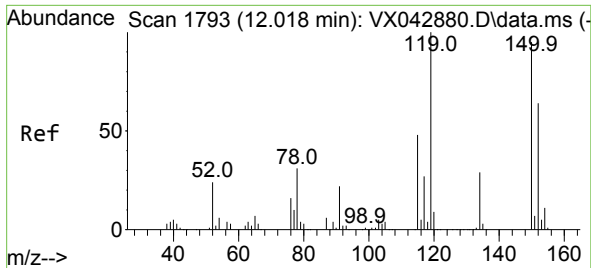
Tgt Ion: 95 Resp: 119084
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042970.D
Acq: 09 Aug 2024 04:30

Tgt Ion: 117 Resp: 271812
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.1 25.5 38.3

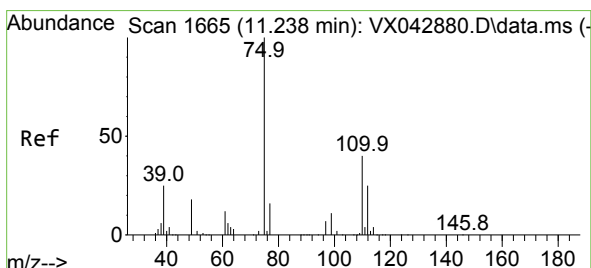
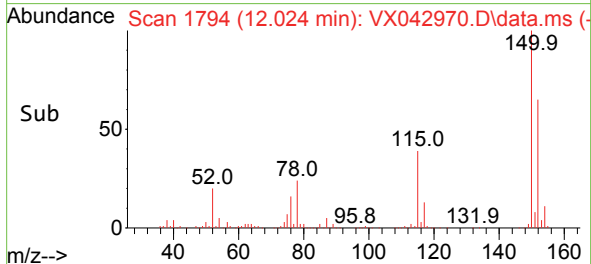
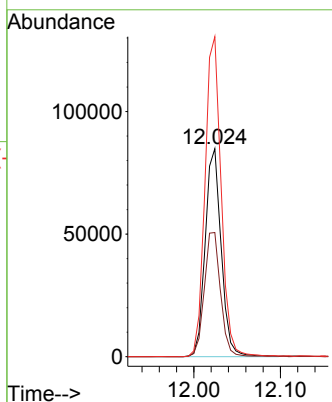
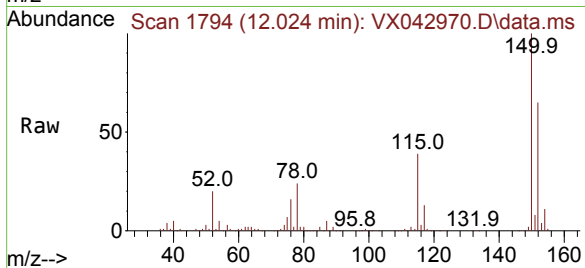




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042970.D
 Acq: 09 Aug 2024 04:30

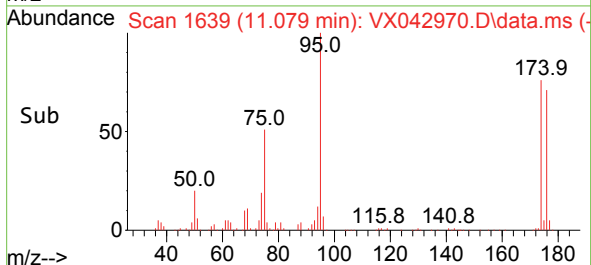
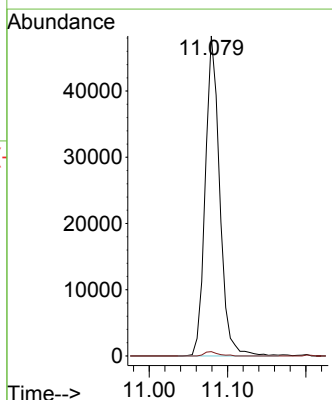
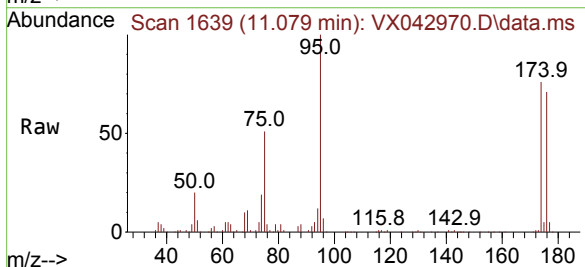
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-70-150

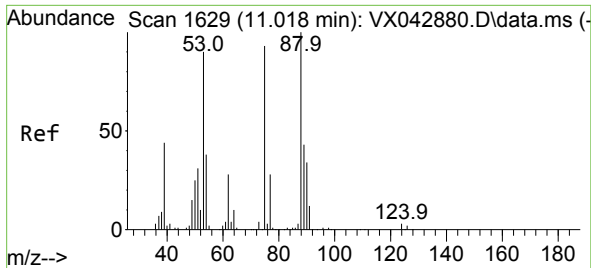
Tgt Ion:152 Resp: 108940
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 155.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.210 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042970.D
 Acq: 09 Aug 2024 04:30

Tgt Ion: 75 Resp: 61766
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.972 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042970.D
 Acq: 09 Aug 2024 04:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-70-150

Tgt Ion: 75 Resp: 61766
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

