

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040901.D
 Acq On : 05 Apr 2024 14:16
 Operator : JC/MD
 Sample : P2002-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-040424

Quant Time: Apr 05 23:21:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

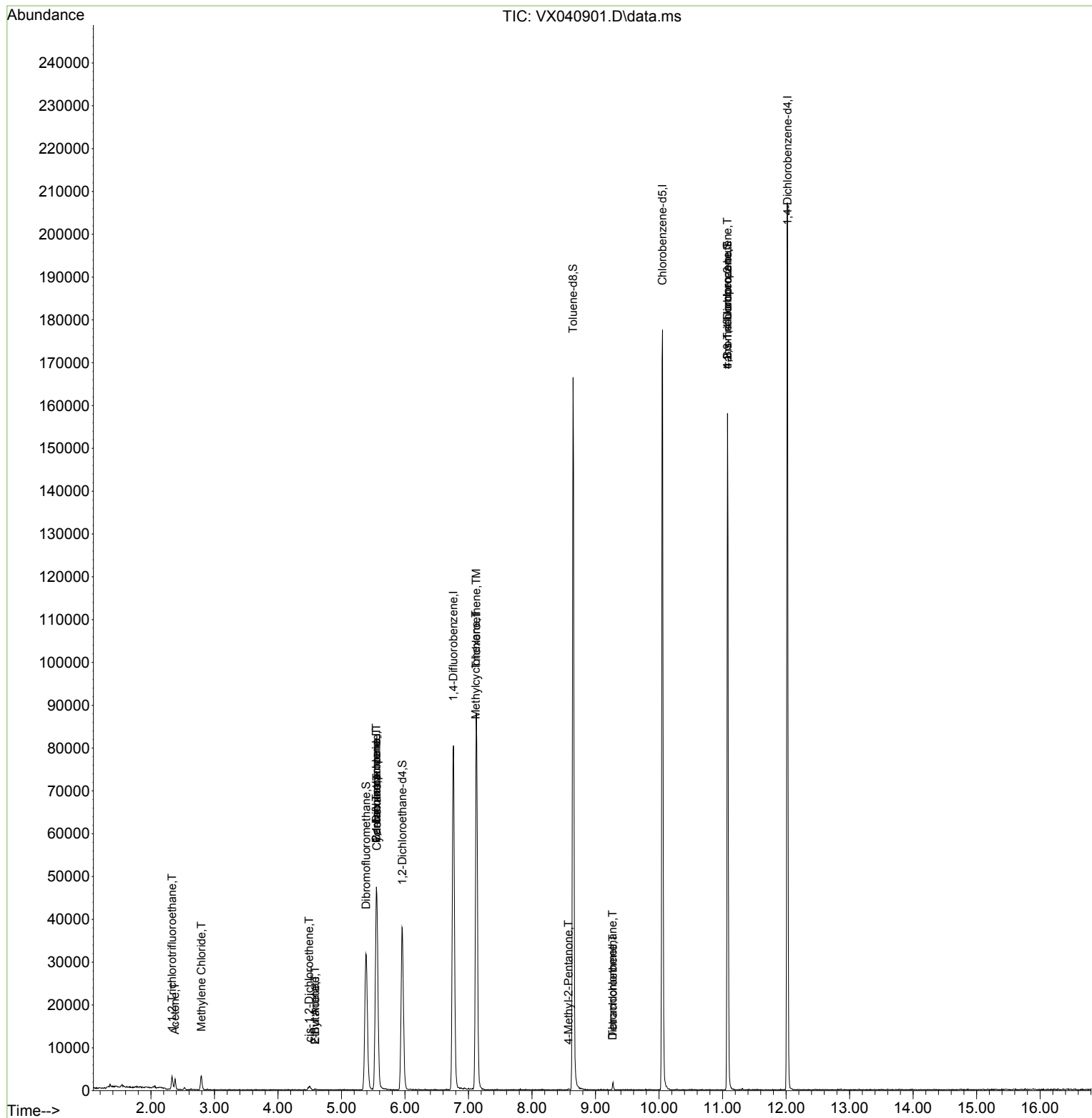
Internal Standards						
1) Pentafluorobenzene	5.550	168	41401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	76001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38144	51.348	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.700%		
35) Dibromofluoromethane	5.385	113	27135	49.669	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.340%		
50) Toluene-d8	8.647	98	96515	48.890	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	11.079	95	39993	50.730	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.460%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1289	2.610	ug/l	99
16) Acetone	2.379	43	2510	8.702	ug/l	94
20) Methylene Chloride	2.794	84	1448	2.709	ug/l #	93
25) 2-Butanone	4.586	43	389	0.908	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	569	1.007	ug/l	64
31) Cyclohexane	5.556	56	1063	1.349	ug/l #	62
36) 1,1-Dichloropropene	5.550	75	3996	5.148	ug/l #	48
37) Ethyl Acetate	4.586	43	389	0.408	ug/l #	69
38) Carbon Tetrachloride	5.550	117	4912	5.716	ug/l #	16
39) Methylcyclohexane	7.116	83	394	0.425	ug/l #	1
44) Trichloroethene	7.123	130	31149	57.887	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	293	0.300	ug/l #	37
60) Dibromochloromethane	9.268	129	222	0.351	ug/l #	11
64) Tetrachloroethene	9.275	164	308	0.612	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	23559	28.220	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23559	76.138	ug/l #	5

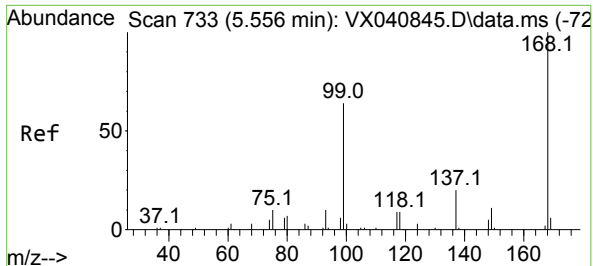
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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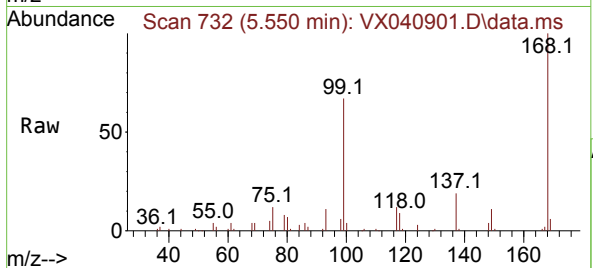
Quant Time: Apr 05 23:21:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration



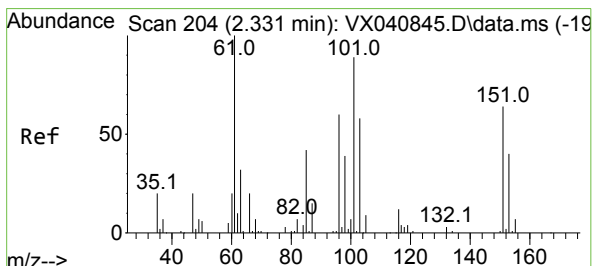
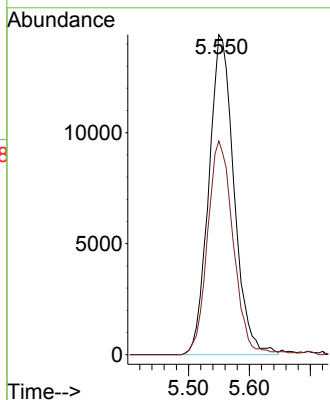
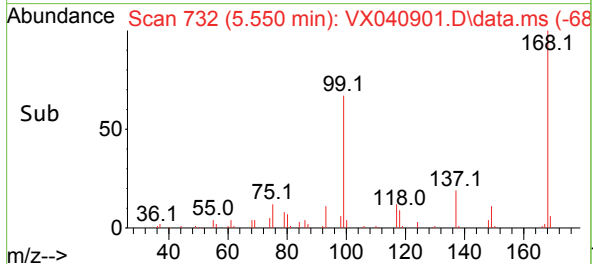


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

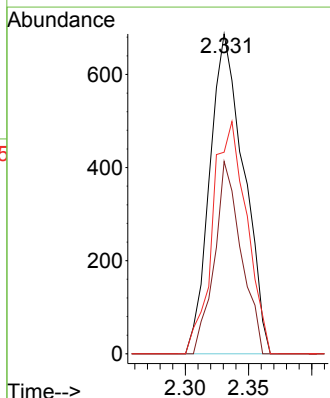
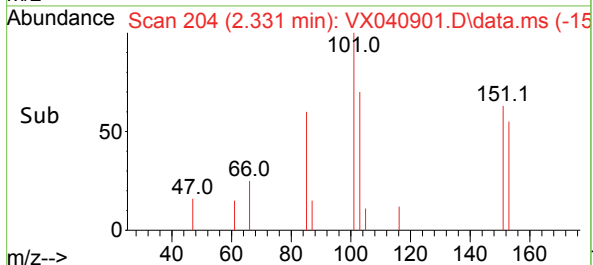
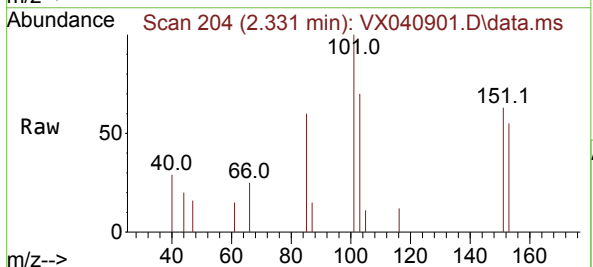


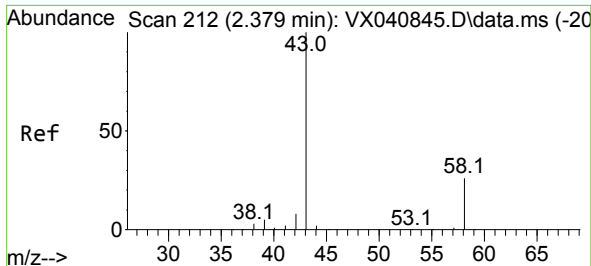
Tgt Ion:168 Resp: 41401
Ion Ratio Lower Upper
168 100
99 66.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.610 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion:101 Resp: 1289
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 72.6 58.6 87.8





#16

Acetone

Concen: 8.702 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040901.D

Acq: 05 Apr 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

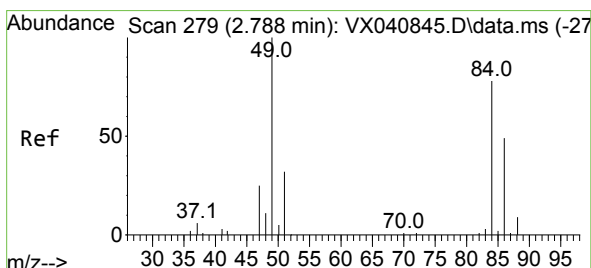
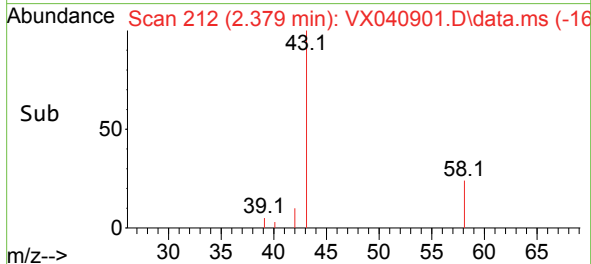
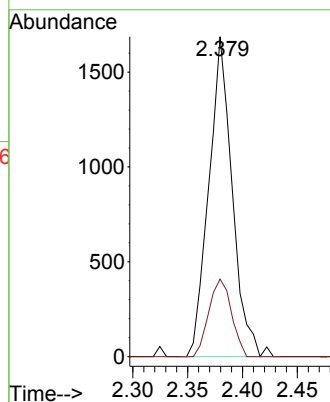
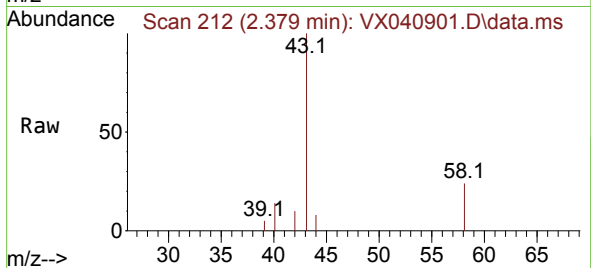
EB01-040424

Tgt Ion: 43 Resp: 2510

Ion Ratio Lower Upper

43 100

58 24.2 21.9 32.9



#20

Methylene Chloride

Concen: 2.709 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040901.D

Acq: 05 Apr 2024 14:16

Tgt Ion: 84 Resp: 1448

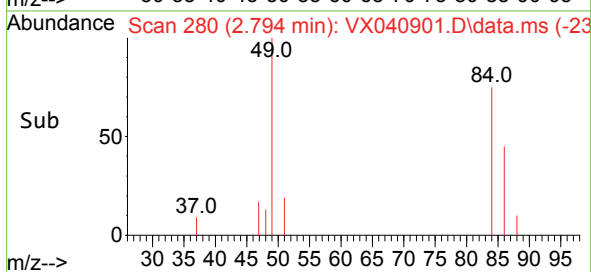
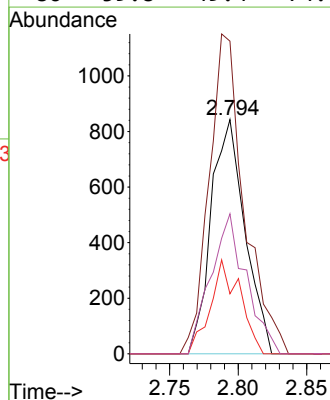
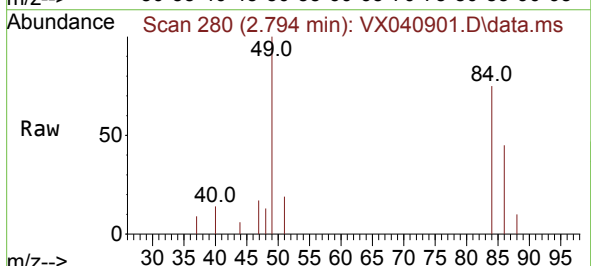
Ion Ratio Lower Upper

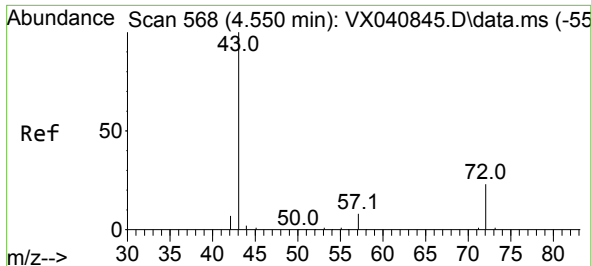
84 100

49 133.5 103.6 155.4

51 25.6 33.8 50.6#

86 59.8 49.4 74.0

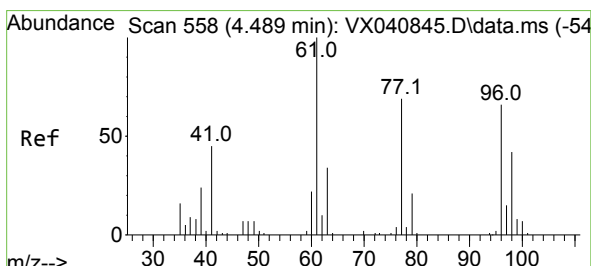
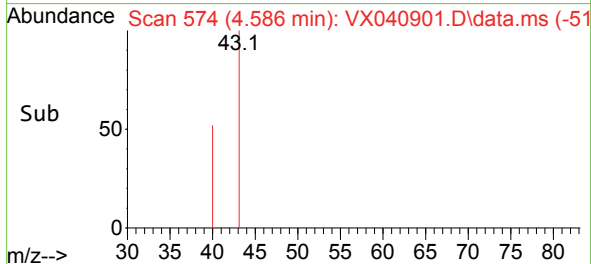
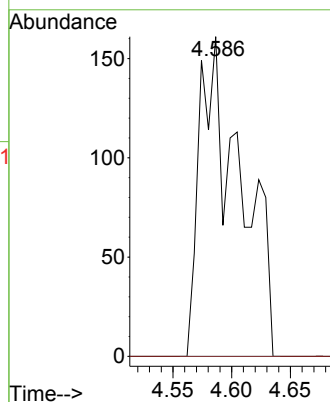
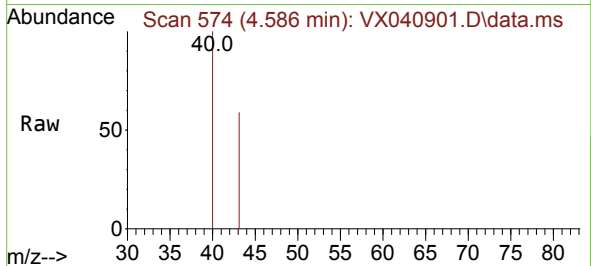




#25
2-Butanone
Concen: 0.908 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

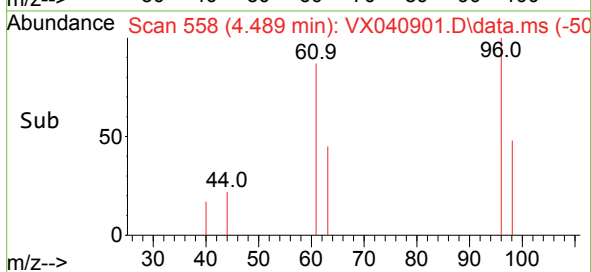
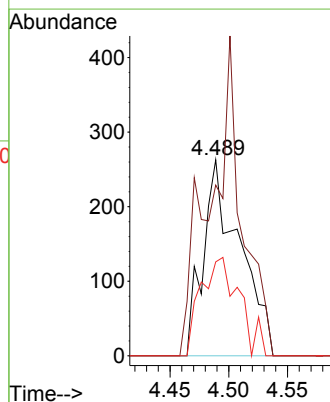
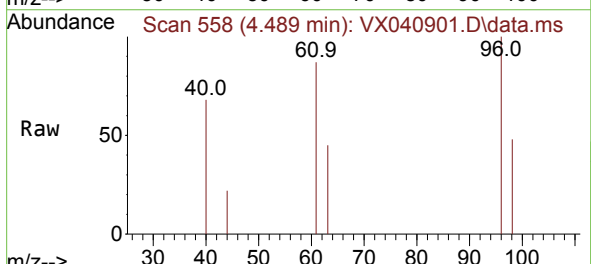
Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

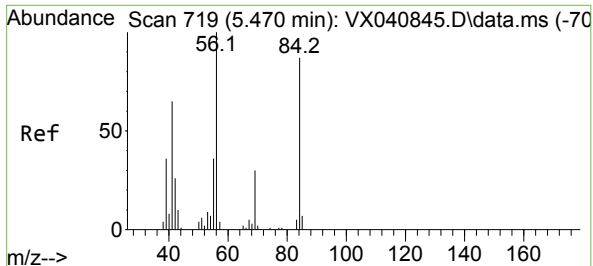
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 1.007 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 98.6 0.0 312.2
98 52.9 0.0 129.0

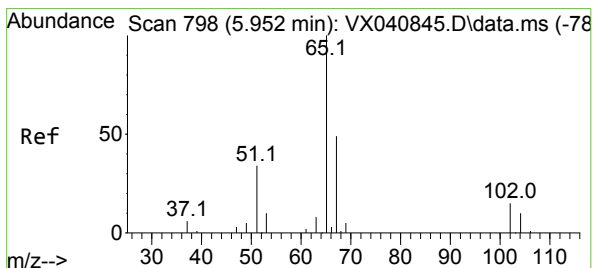
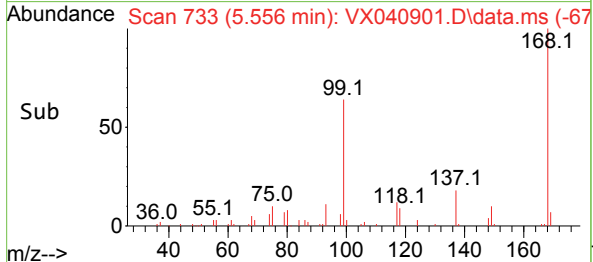
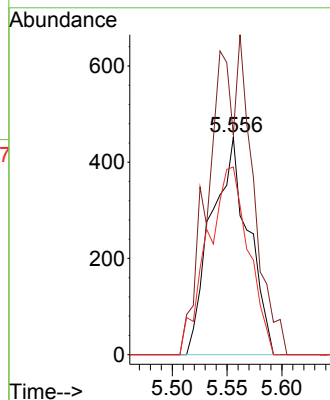
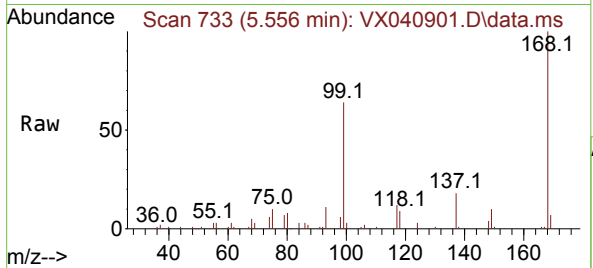




#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

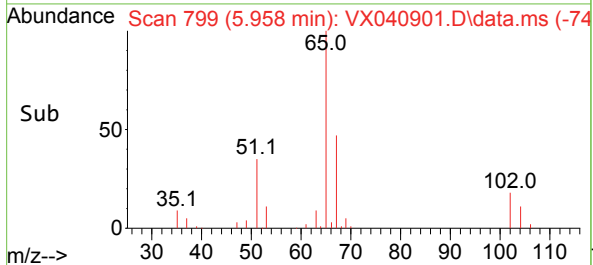
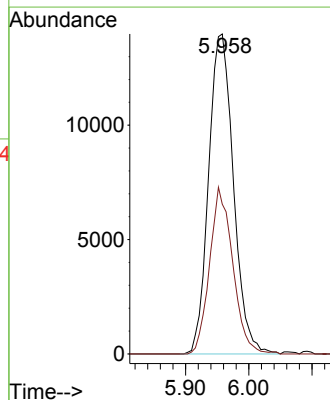
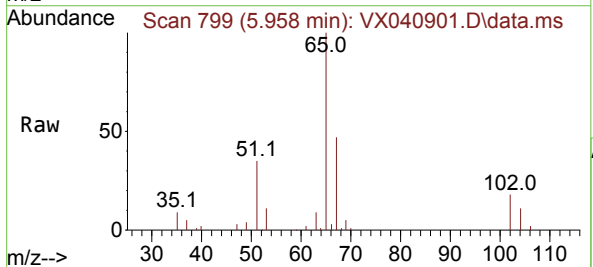
Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

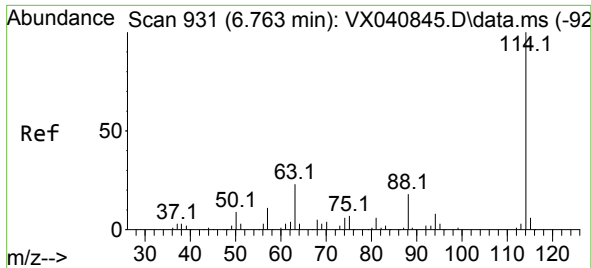
Tgt Ion: 56 Resp: 1063
Ion Ratio Lower Upper
56 100
69 101.1 23.4 35.2#
84 86.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.348 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion: 65 Resp: 38144
Ion Ratio Lower Upper
65 100
67 48.6 0.0 100.2

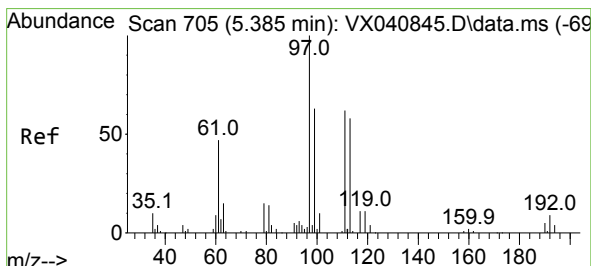
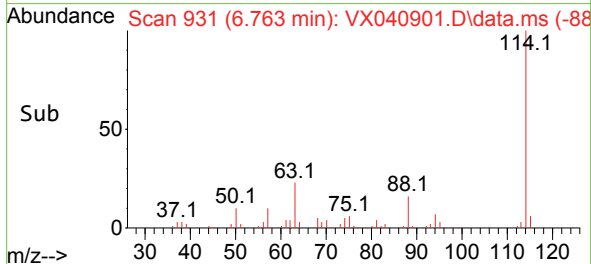
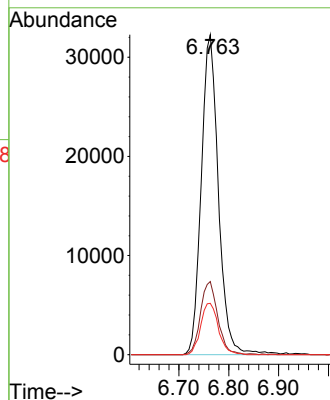
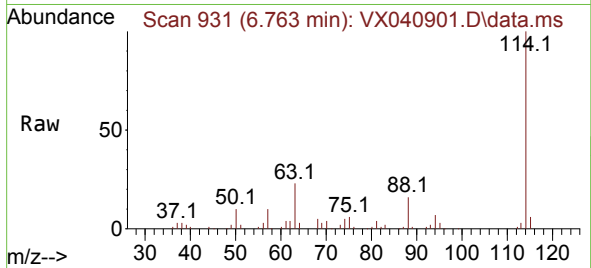




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

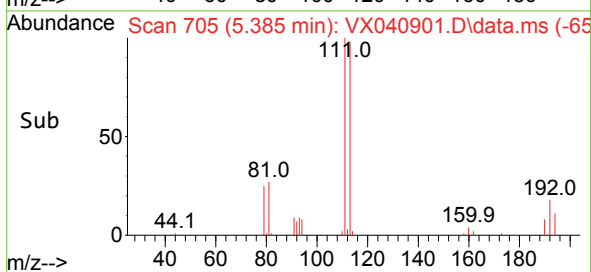
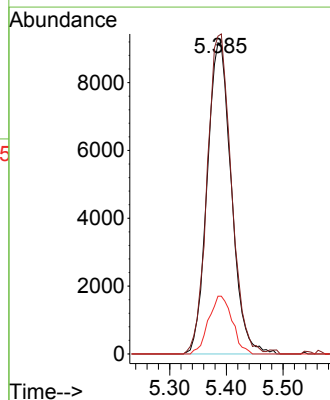
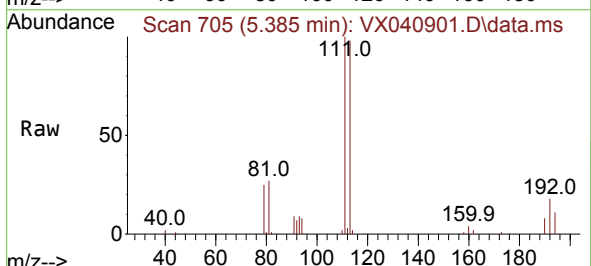
Instrument :
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ClientSampleId :
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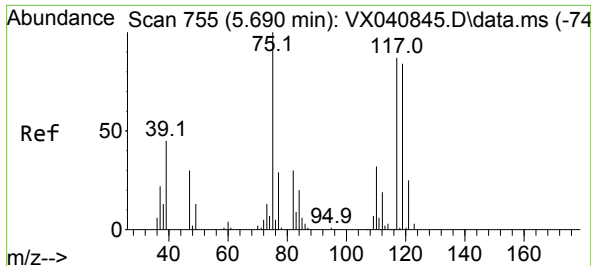
Tgt Ion:114 Resp: 77131
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

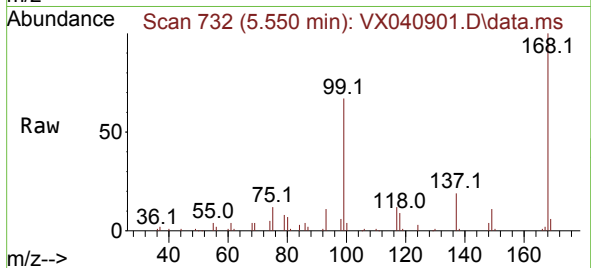
Tgt Ion:113 Resp: 27135
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.2 13.3 19.9



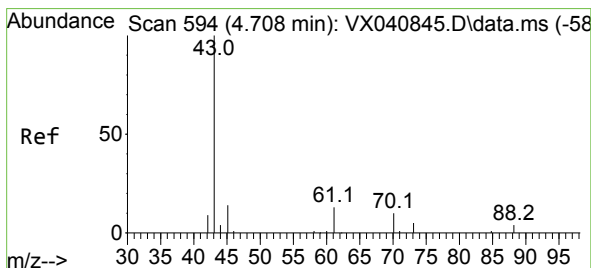
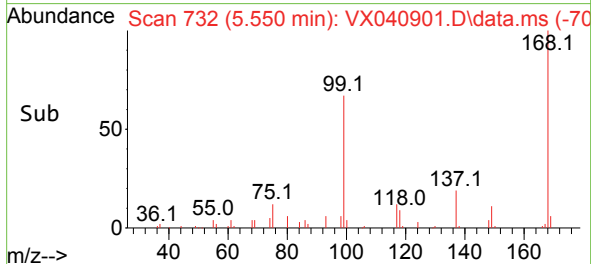
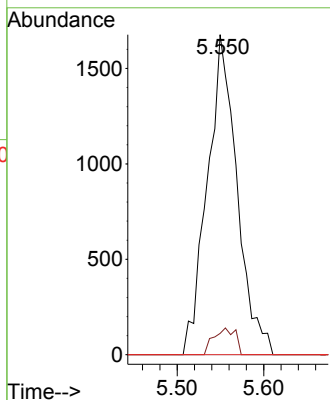


#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Instrument :
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ClientSampleId :
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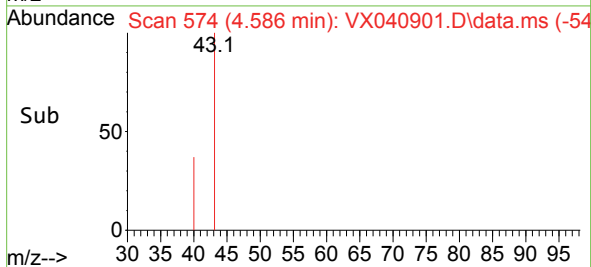
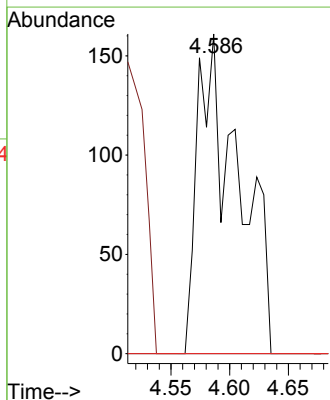
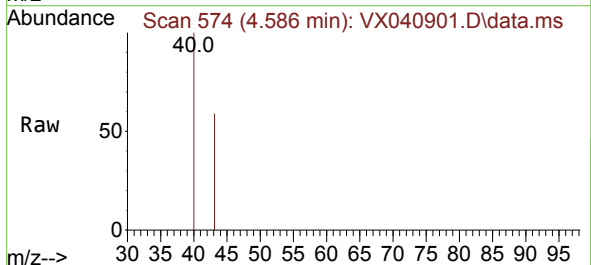


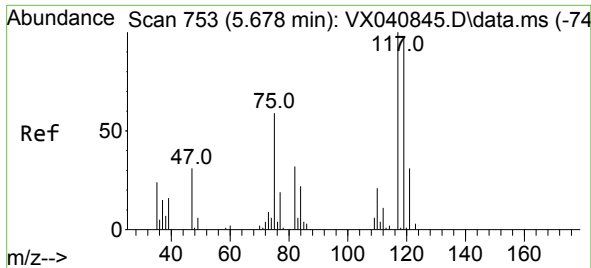
Tgt Ion: 75 Resp: 3996
Ion Ratio Lower Upper
75 100
110 6.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.408 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.122 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

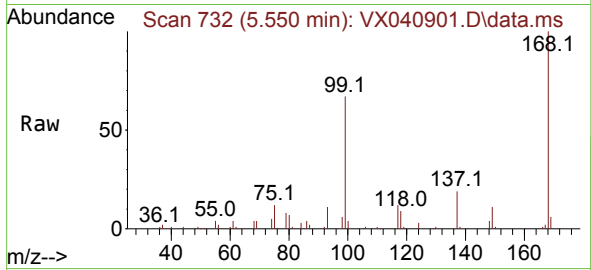
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



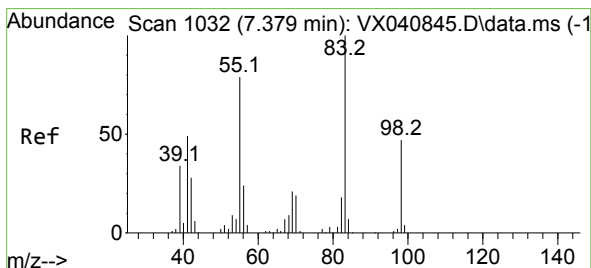
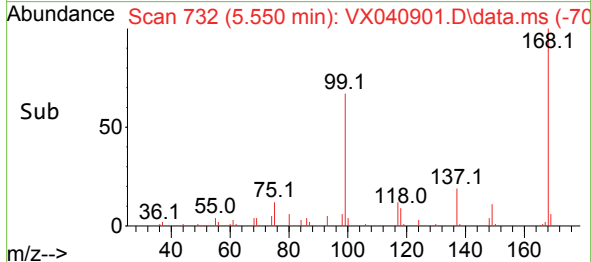
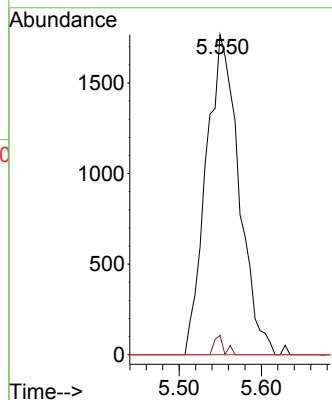


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

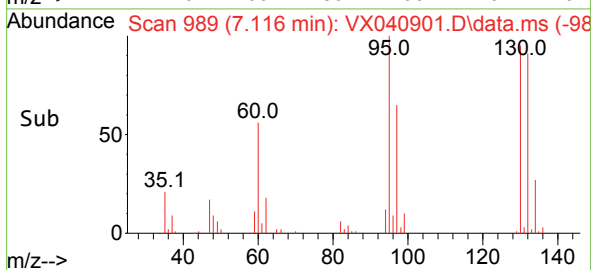
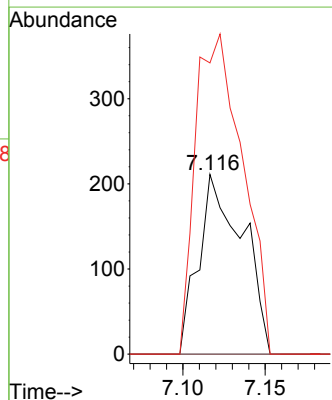
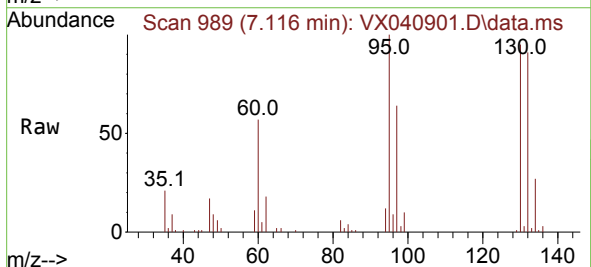


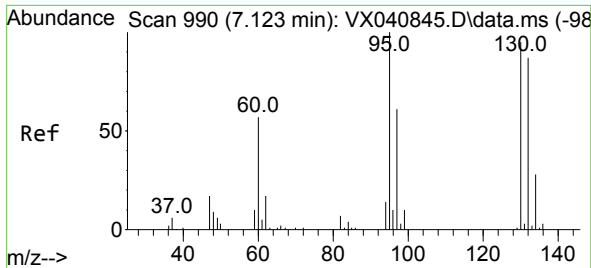
Tgt Ion:117 Resp: 4912
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.425 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion: 83 Resp: 394
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 162.1 36.7 55.1#

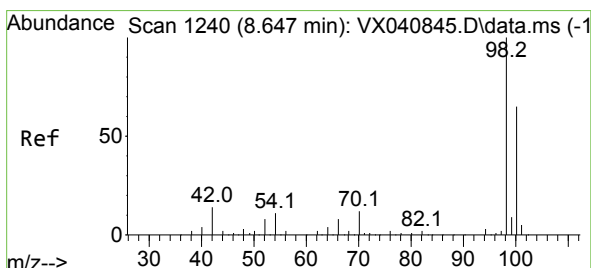
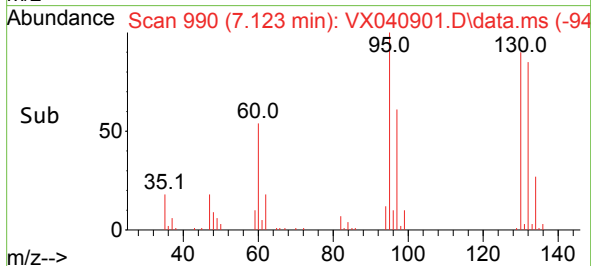
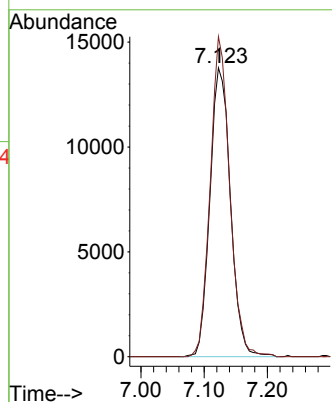
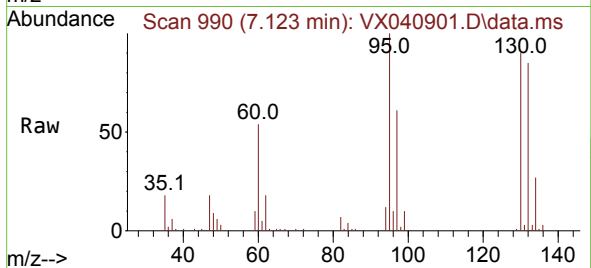




#44
Trichloroethene
Concen: 57.887 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

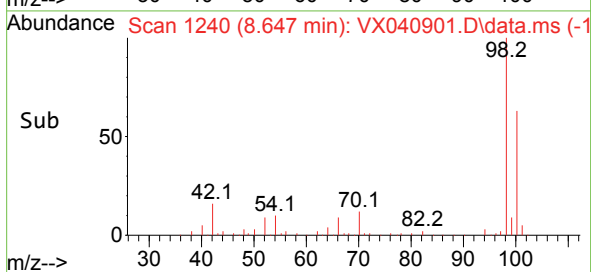
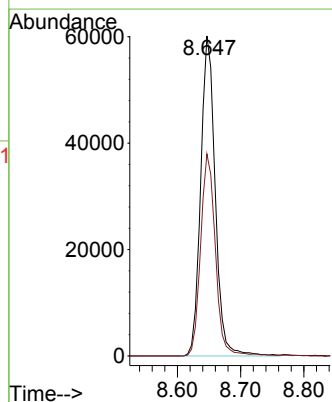
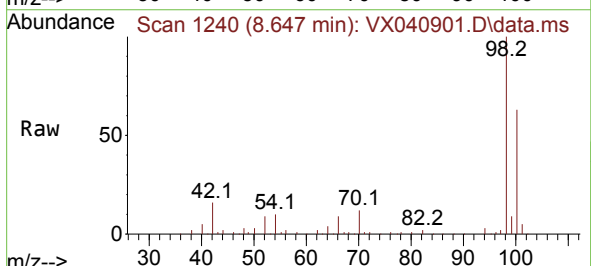
Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

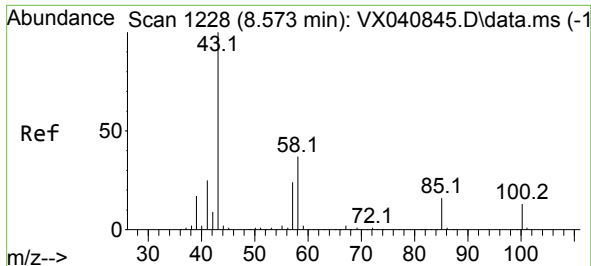
Tgt Ion:130 Resp: 31149
Ion Ratio Lower Upper
130 100
95 110.8 0.0 204.4



#50
Toluene-d8
Concen: 48.890 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion: 98 Resp: 96515
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.300 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040901.D

Acq: 05 Apr 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

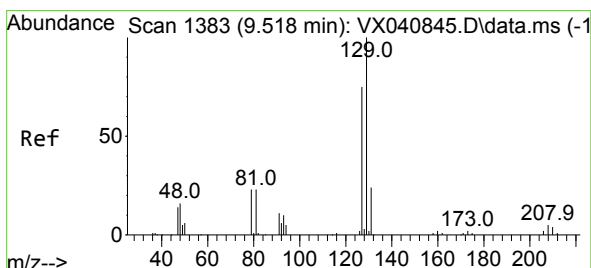
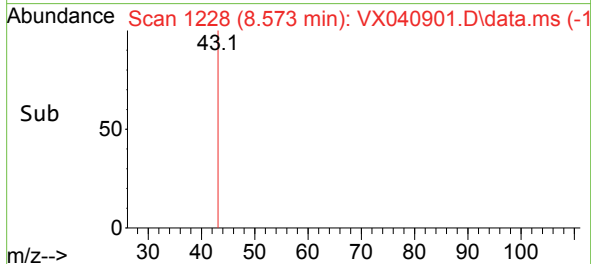
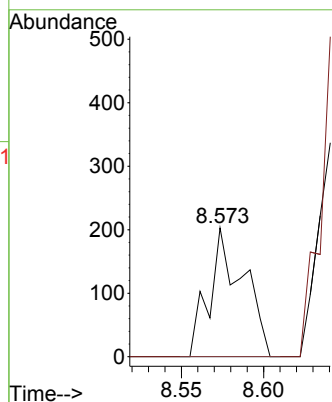
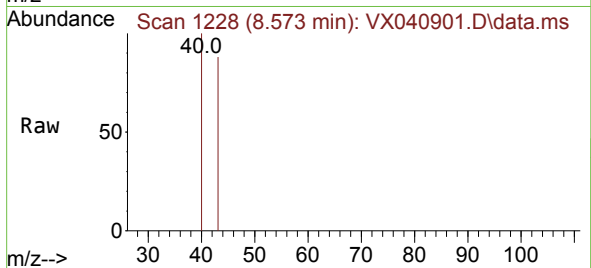
EB01-040424

Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.351 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX040901.D

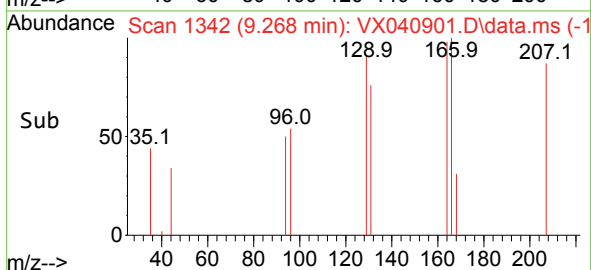
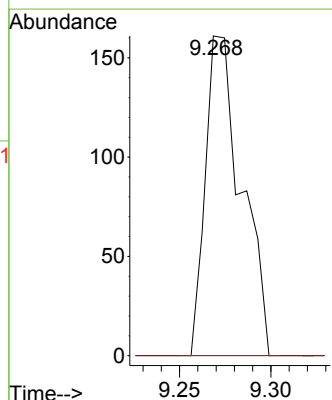
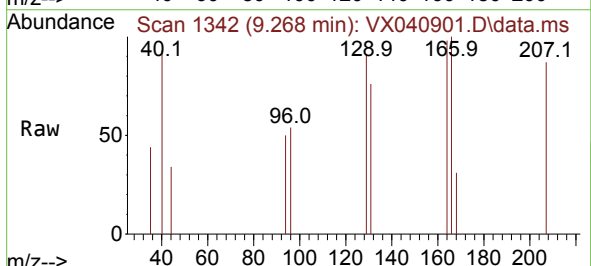
Acq: 05 Apr 2024 14:16

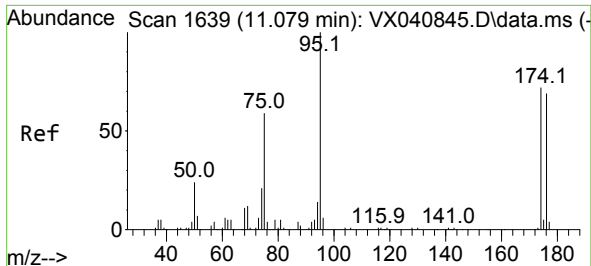
Tgt Ion: 129 Resp: 222

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

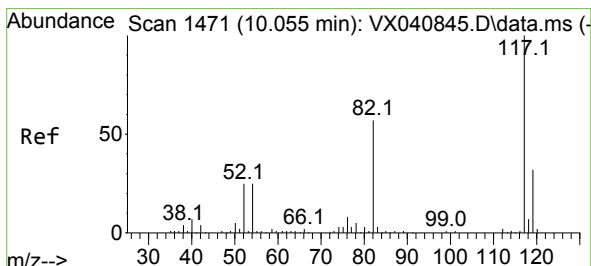
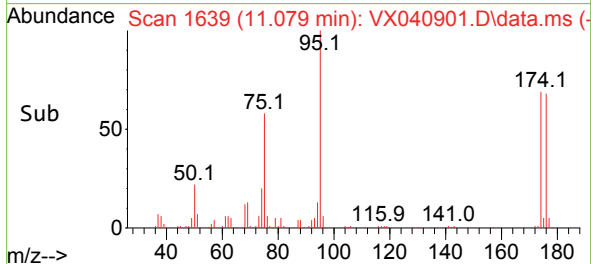
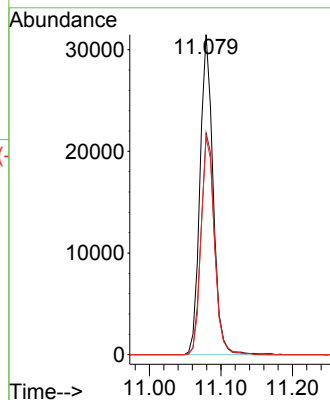
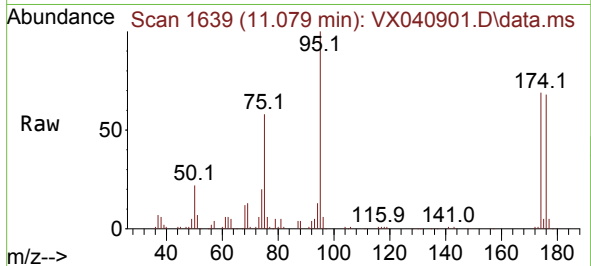




#62
4-Bromofluorobenzene
Concen: 50.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

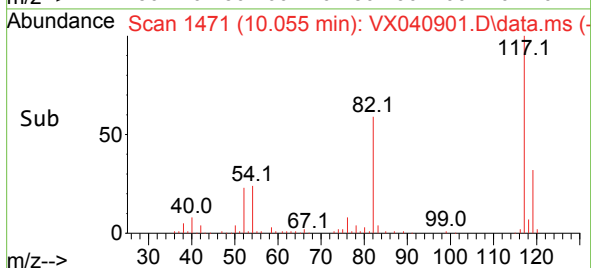
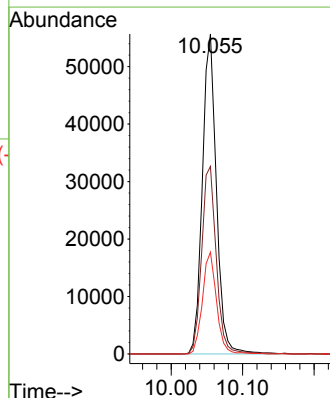
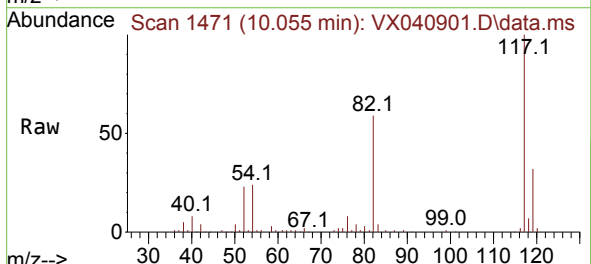
Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

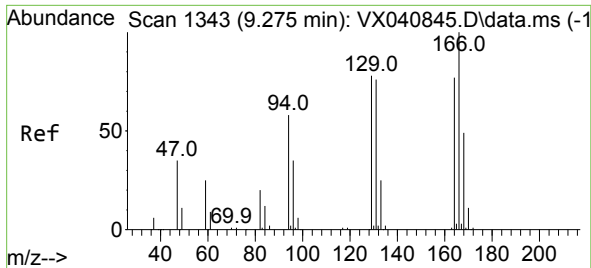
Tgt Ion: 95 Resp: 39993
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 69.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

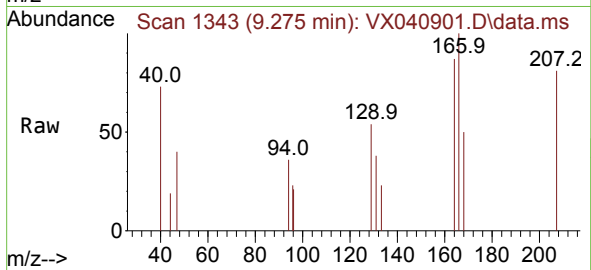
Tgt Ion: 117 Resp: 76001
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.8 25.5 38.3



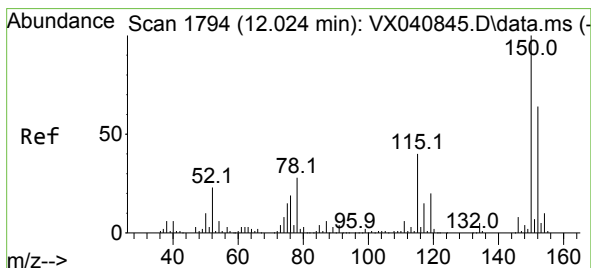
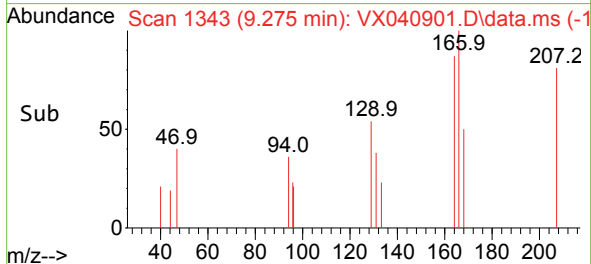
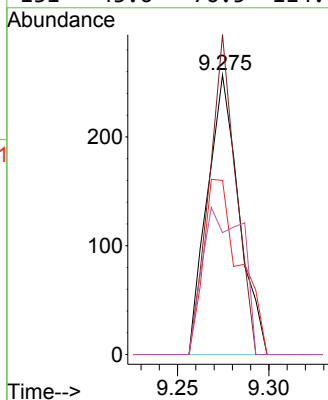


#64
Tetrachloroethene
Concen: 0.612 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

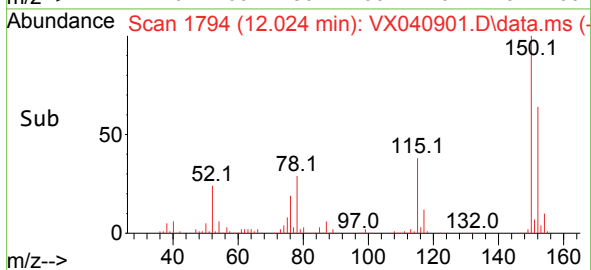
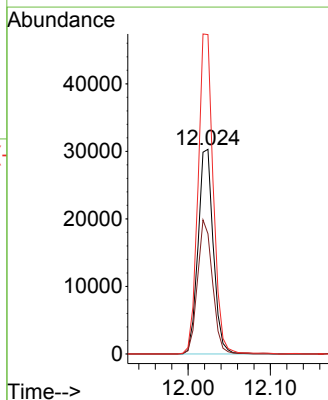
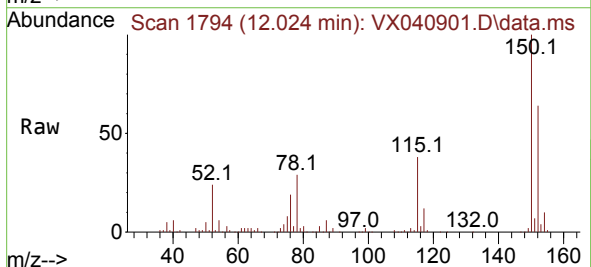


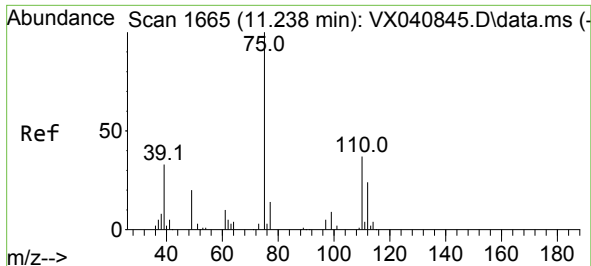
Tgt Ion:164 Resp: 308
Ion Ratio Lower Upper
164 100
166 114.4 102.7 154.1
129 62.3 80.4 120.6#
131 43.6 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion:152 Resp: 39150
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 156.2 0.0 345.0

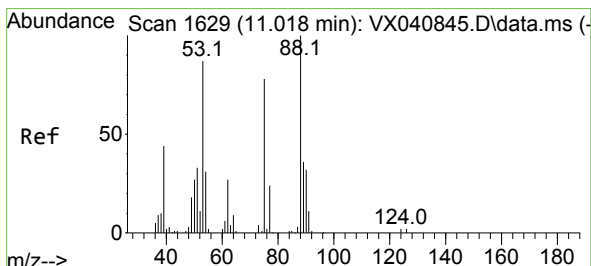
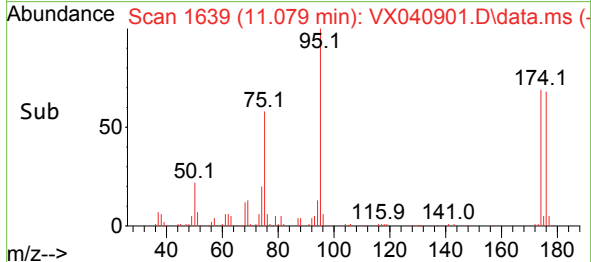
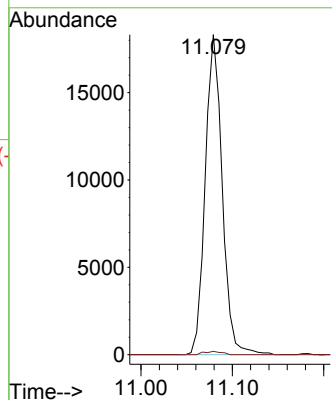
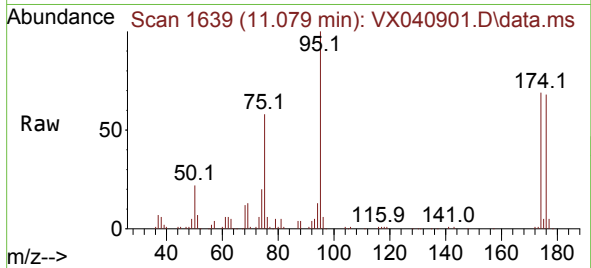




#76
1,2,3-Trichloropropane
Concen: 28.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
EB01-040424

Tgt Ion: 75 Resp: 23559
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040901.D
Acq: 05 Apr 2024 14:16

Tgt Ion: 75 Resp: 23559
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

