

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040115.D
 Acq On : 05 Feb 2024 14:54
 Operator : JC/MD
 Sample : P1141-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-3-2-4

Quant Time: Feb 06 03:01:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

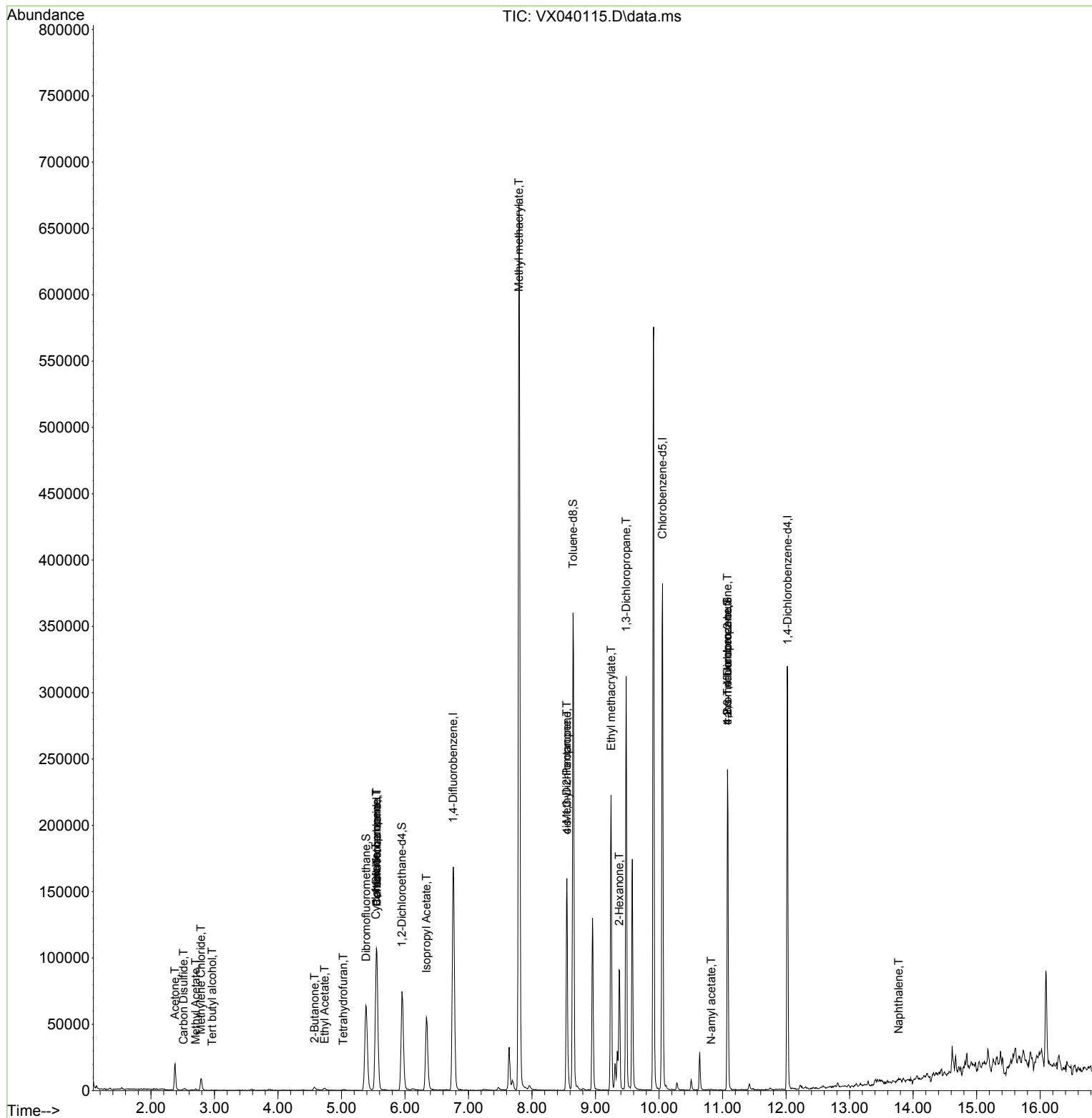
Internal Standards						
1) Pentafluorobenzene	5.556	168	95695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68618	44.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.100%		
35) Dibromofluoromethane	5.385	113	55461	47.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	8.647	98	212637	48.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.079	95	62065	36.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.060%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	59	0.211	ug/l #	78
16) Acetone	2.380	43	19828	27.478	ug/l #	89
17) Carbon Disulfide	2.514	76	865	0.275	ug/l #	76
18) Methyl Acetate	2.703	43	1134	0.663	ug/l	92
20) Methylene Chloride	2.788	84	3943	3.075	ug/l	97
25) 2-Butanone	4.574	43	4240	4.227	ug/l	97
29) Tetrahydrofuran	5.026	42	243	0.381	ug/l #	80
31) Cyclohexane	5.544	56	2444	1.267	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8106	4.751	ug/l #	51
37) Ethyl Acetate	4.733	43	3317	1.780	ug/l #	92
38) Carbon Tetrachloride	5.556	117	10865	6.655	ug/l #	15
43) Isopropyl Acetate	6.336	43	77152	26.255	ug/l	99
48) Methyl methacrylate	7.793	41	59597	41.171	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	55546	27.691	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	23676	12.196	ug/l #	63
56) Ethyl methacrylate	9.244	69	615	0.328	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2757	1.305	ug/l #	42
59) 2-Hexanone	9.372	43	70506	44.083	ug/l #	26
74) N-amyl acetate	10.823	43	371	0.400	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	36260	30.089	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36260	86.217	ug/l #	5
90) Hexachloroethane	12.555	117	26	Below Cal	#	17
95) Naphthalene	13.774	128	2157	0.557	ug/l #	93

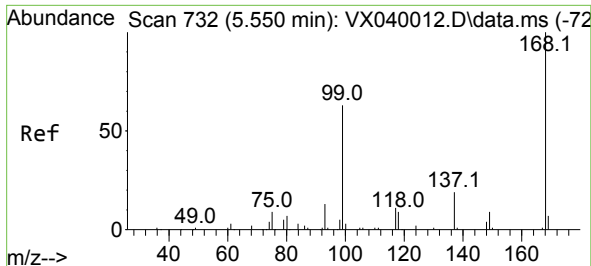
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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EB-3-2-4

Quant Time: Feb 06 03:01:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

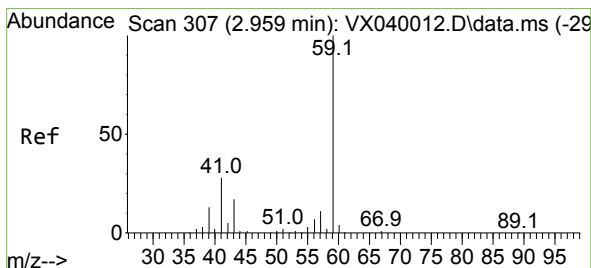
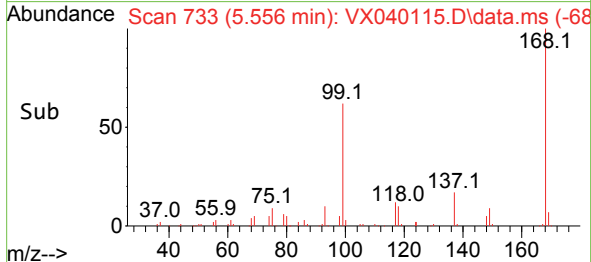
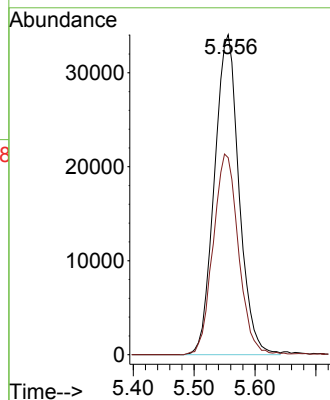
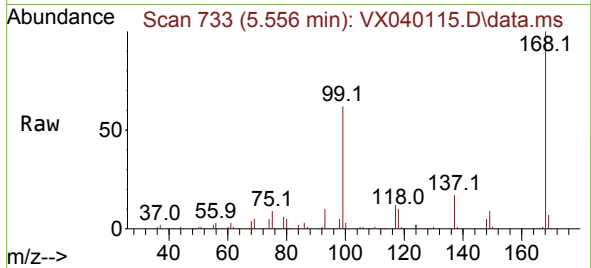




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

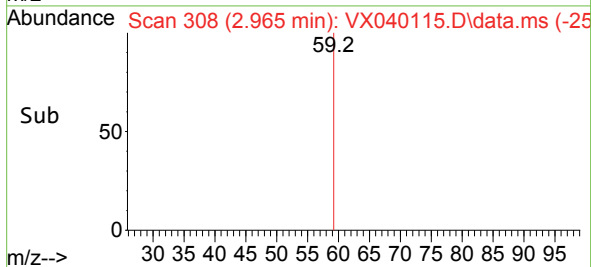
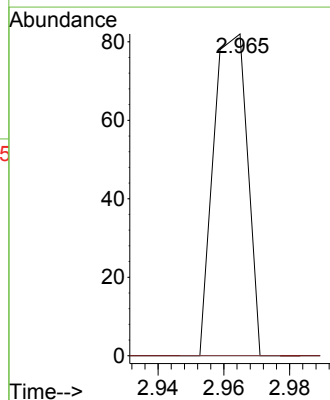
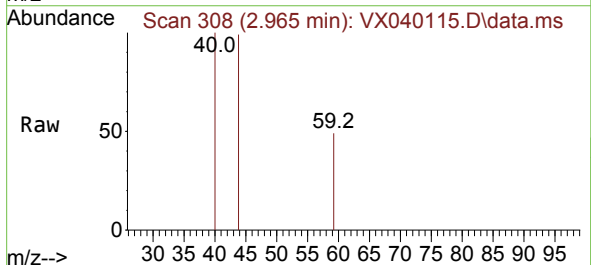
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

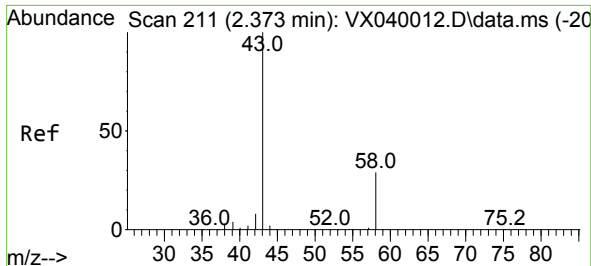
Tgt Ion:168 Resp: 95695
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.211 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

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

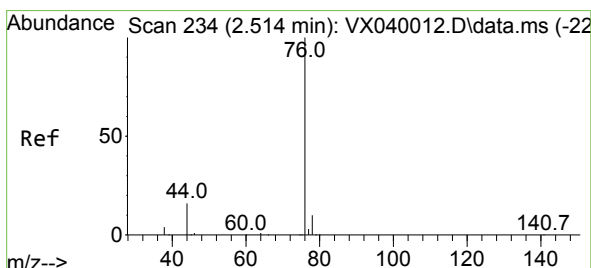
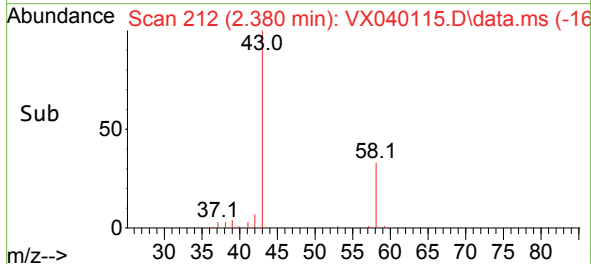
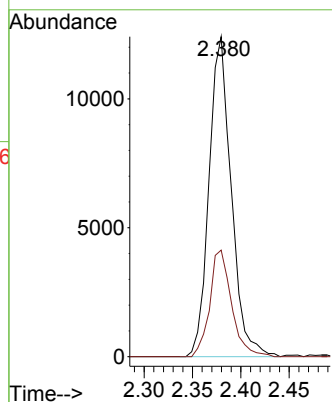
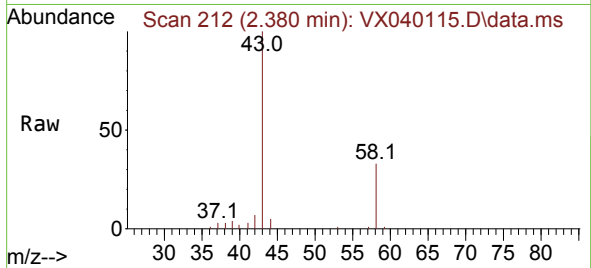




#16
Acetone
Concen: 27.478 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

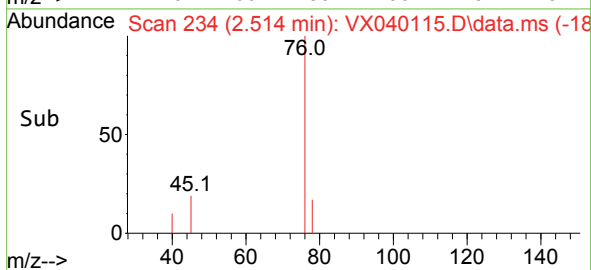
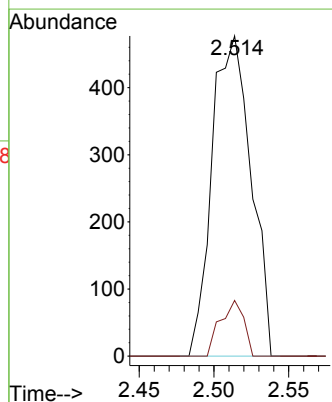
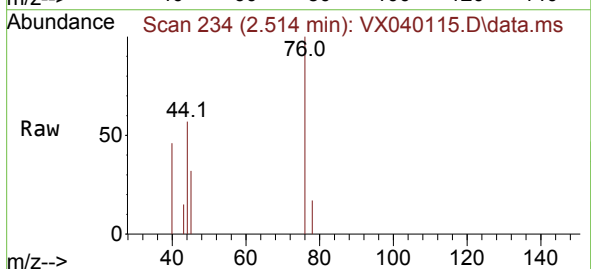
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

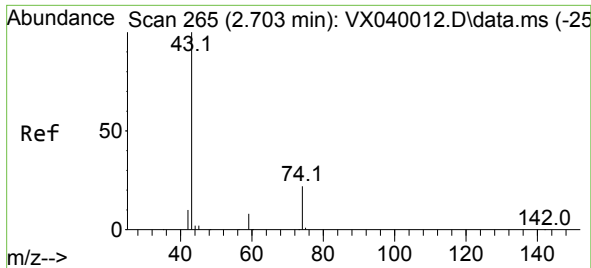
Tgt Ion: 43 Resp: 19828
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 76 Resp: 865
Ion Ratio Lower Upper
76 100
78 17.4 7.0 10.6#





#18

Methyl Acetate

Concen: 0.663 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

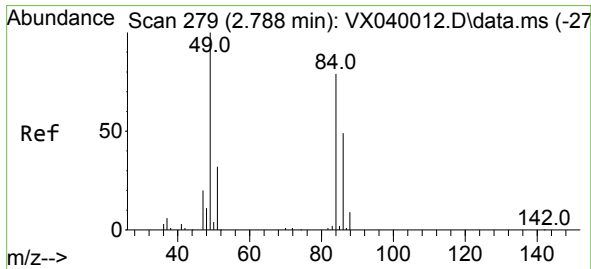
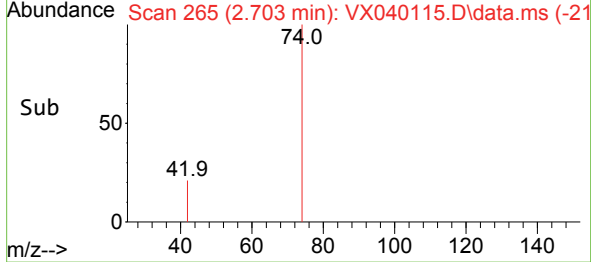
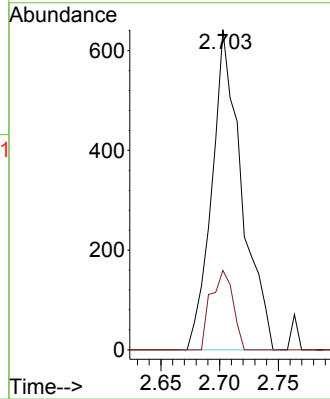
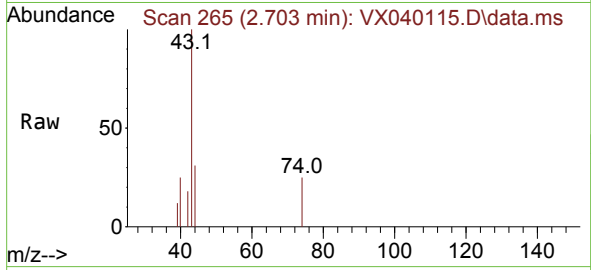
EB-3-2-4

Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

74 18.3 17.8 26.8



#20

Methylene Chloride

Concen: 3.075 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Tgt Ion: 84 Resp: 3943

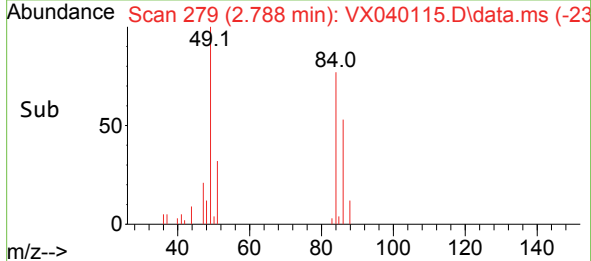
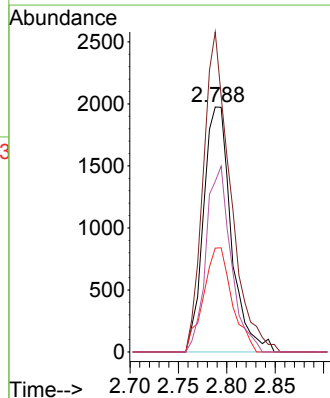
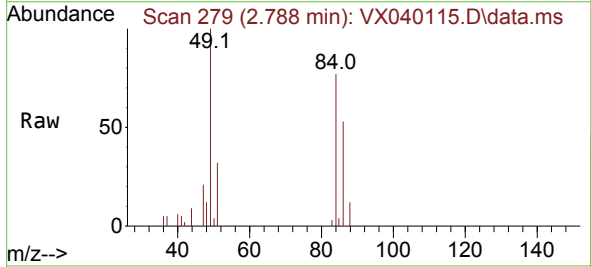
Ion Ratio Lower Upper

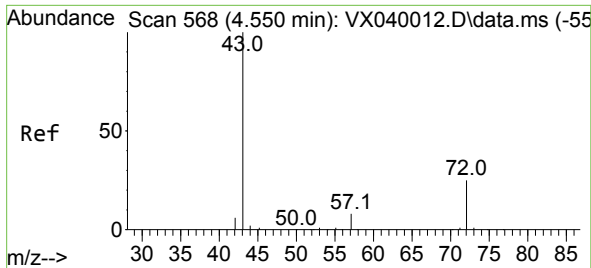
84 100

49 130.6 103.6 155.4

51 42.4 33.8 50.6

86 69.6 49.4 74.0

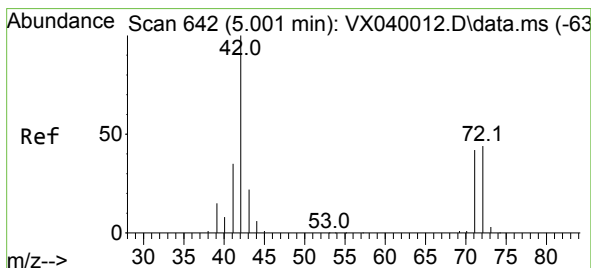
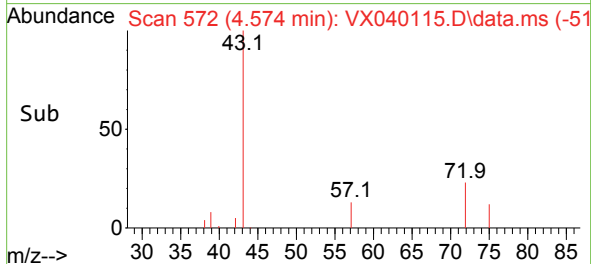
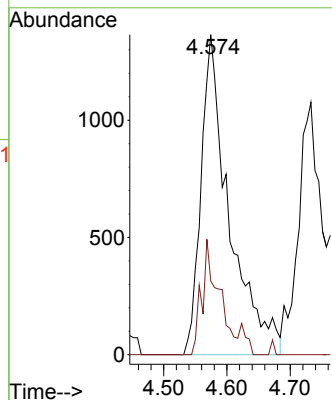
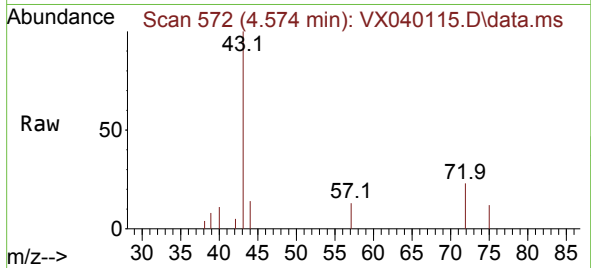




#25
2-Butanone
Concen: 4.227 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

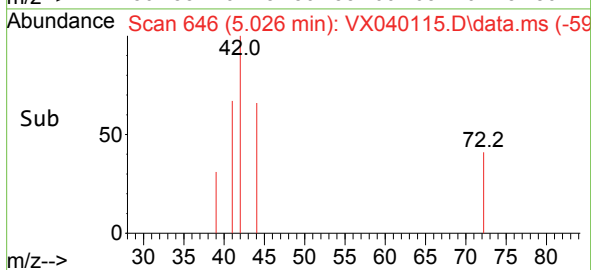
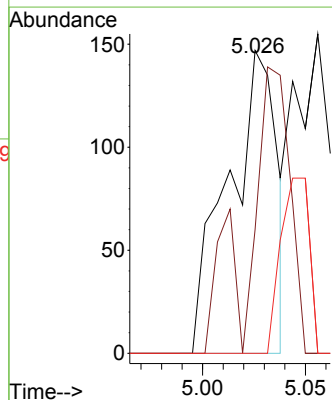
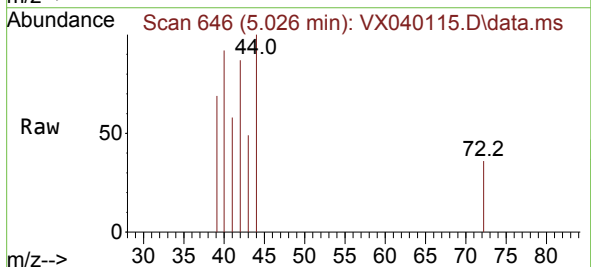
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

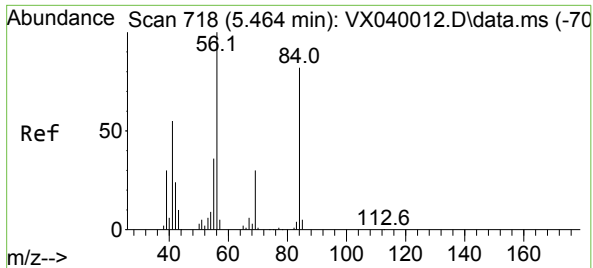
Tgt Ion: 43 Resp: 4240
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
72 61.3 34.2 51.4#
71 33.7 32.2 48.2

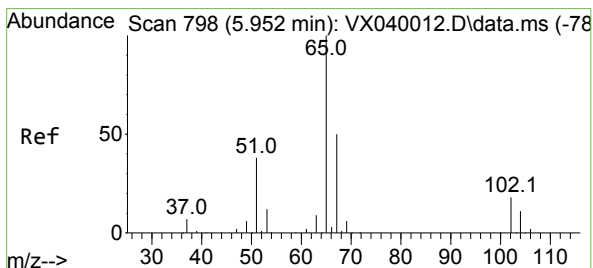
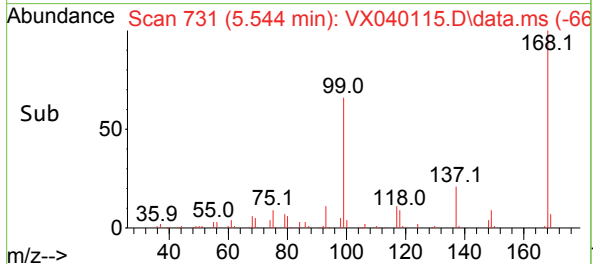
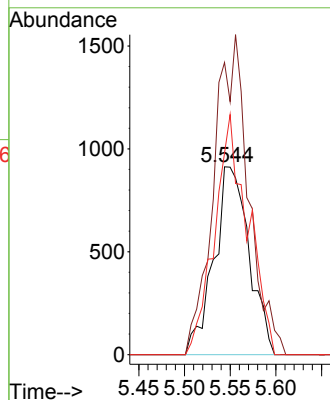
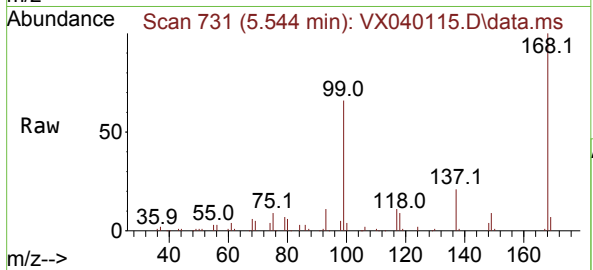




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

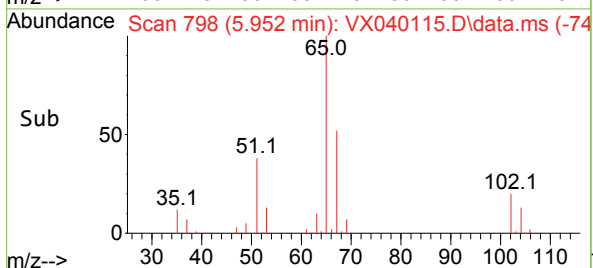
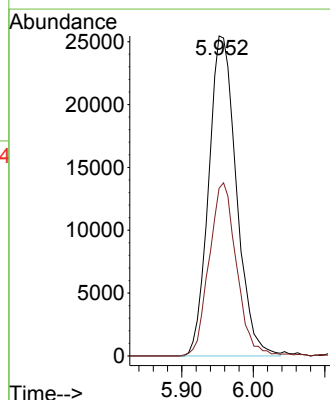
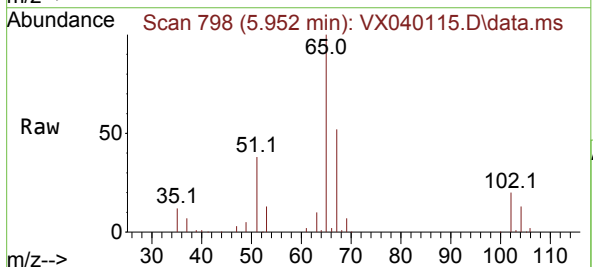
Instrument :
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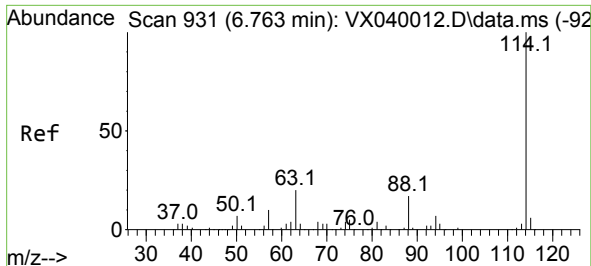
Tgt Ion: 56 Resp: 2444
Ion Ratio Lower Upper
56 100
69 155.5 23.4 35.2#
84 107.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.555 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 65 Resp: 68618
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

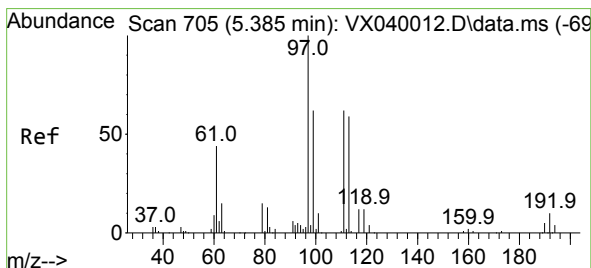
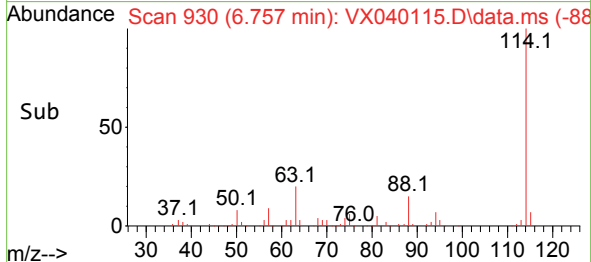
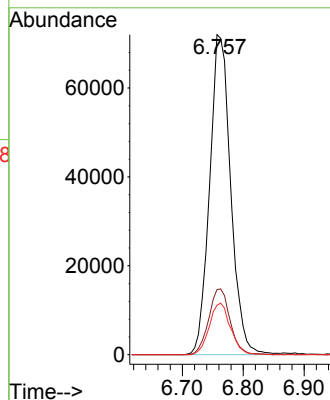
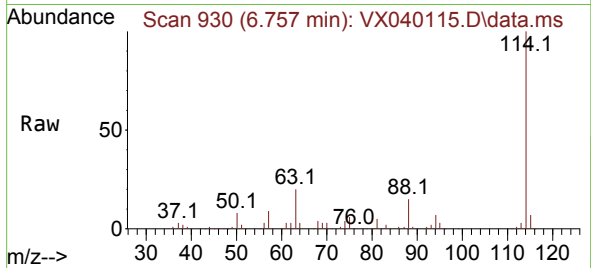




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

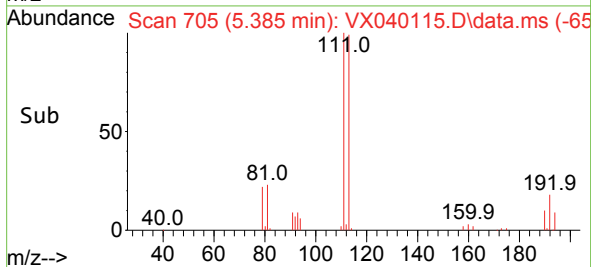
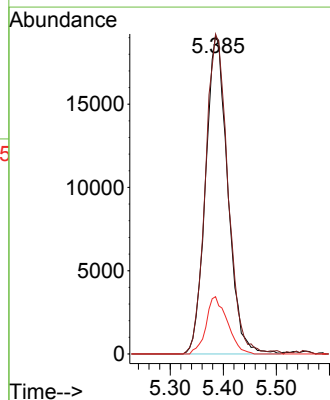
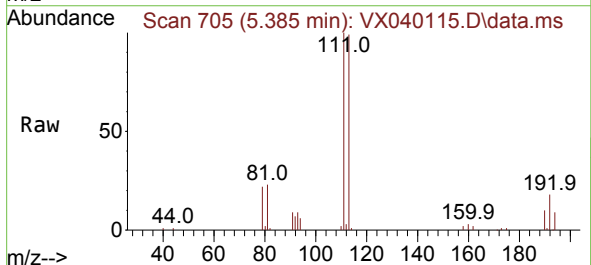
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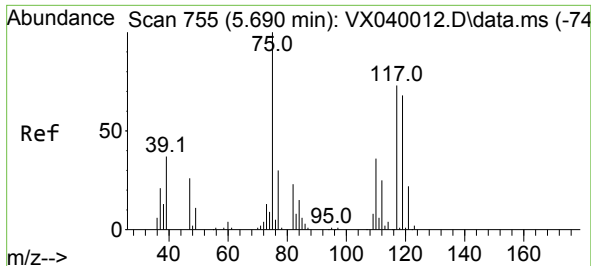
Tgt Ion:114 Resp: 173310
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.010 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

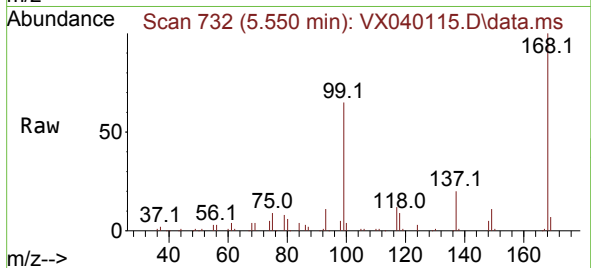
Tgt Ion:113 Resp: 55461
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.3 13.3 19.9



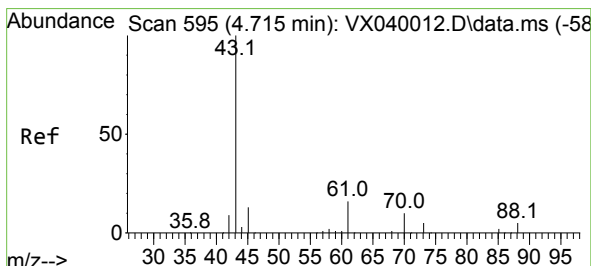
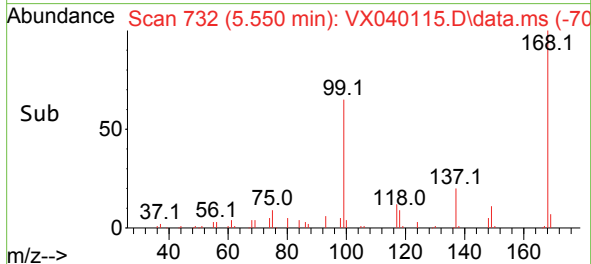
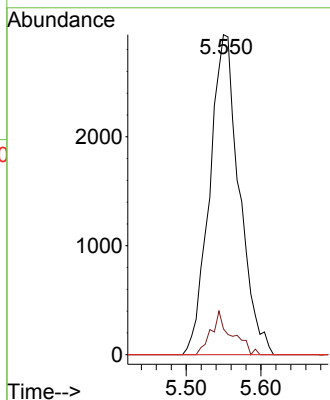


#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

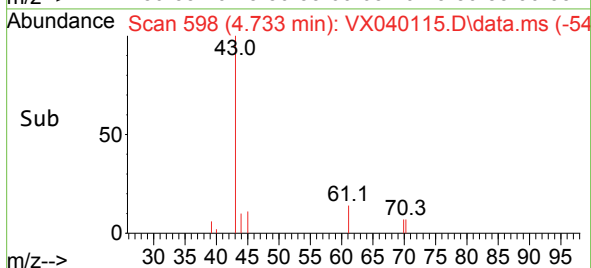
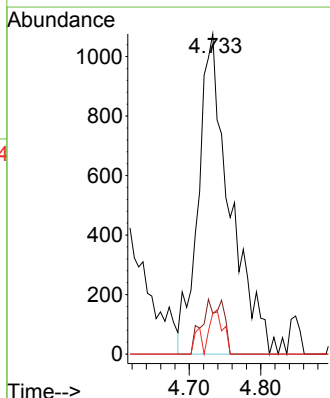
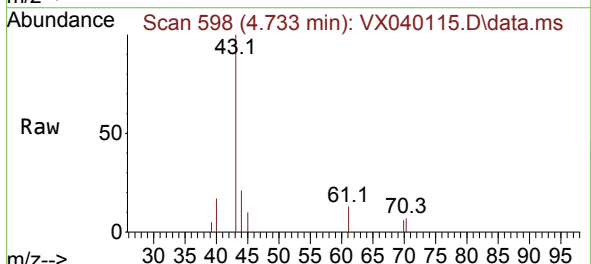


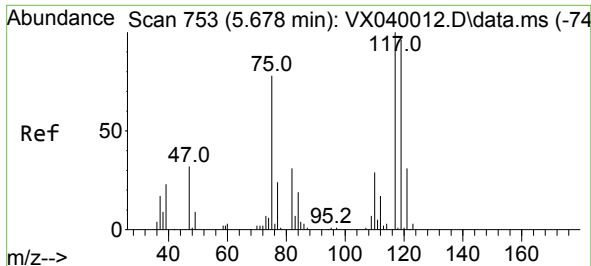
Tgt Ion: 75 Resp: 8106
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.780 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

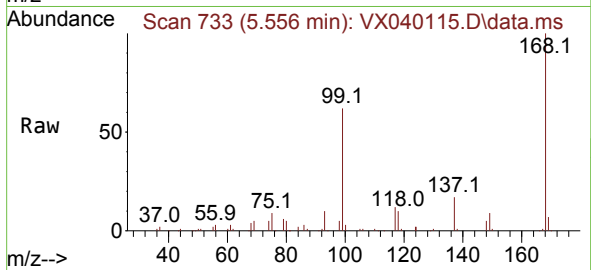
Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
61 11.5 10.6 16.0
70 5.9 8.3 12.5#



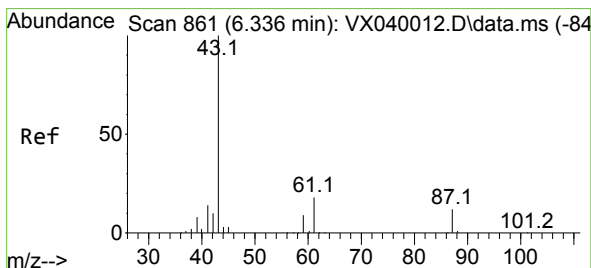
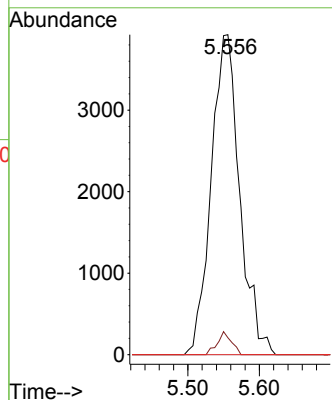
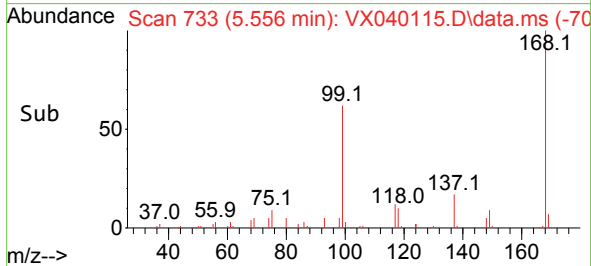


#38
Carbon Tetrachloride
Concen: 6.655 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

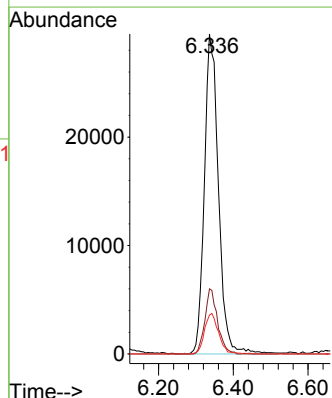
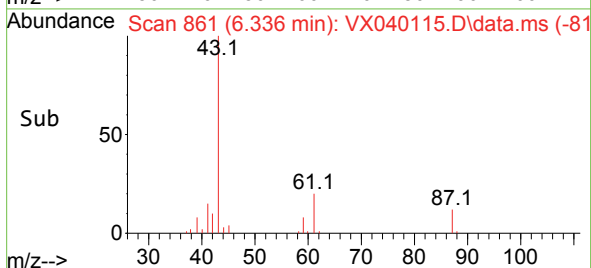
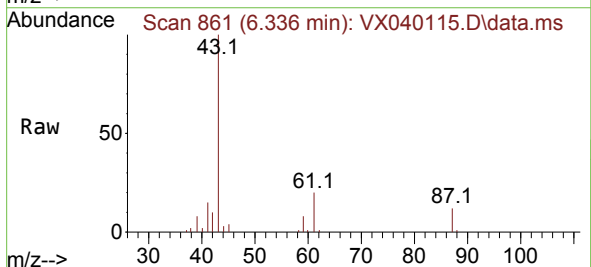


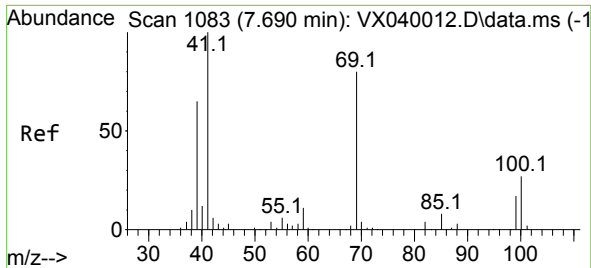
Tgt Ion:117 Resp: 10865
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 26.255 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 43 Resp: 77152
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 12.6 9.8 14.6

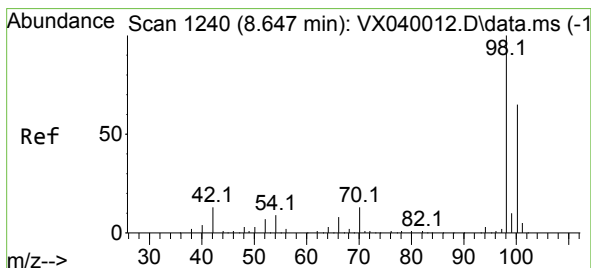
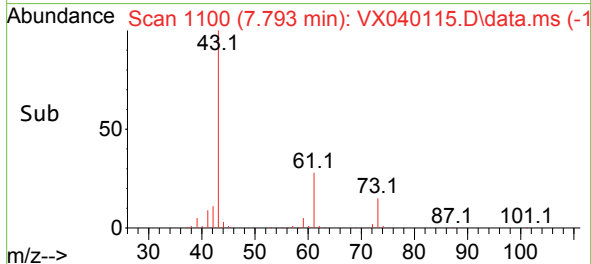
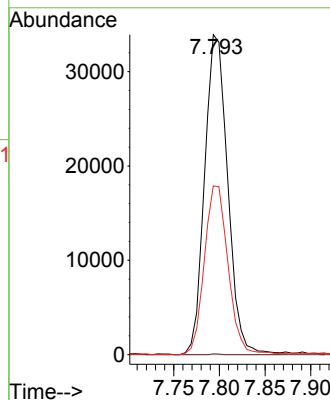
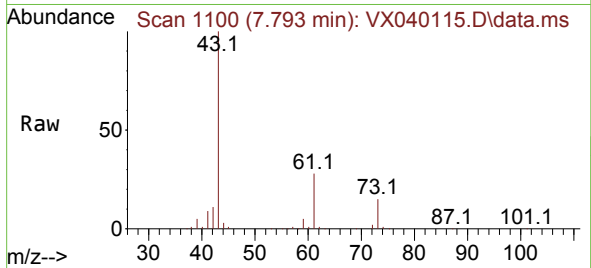




#48
Methyl methacrylate
Concen: 41.171 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

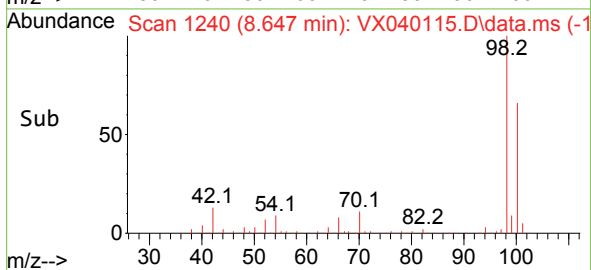
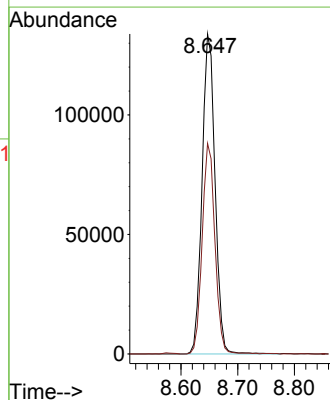
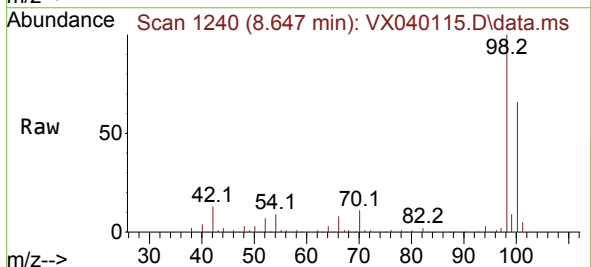
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

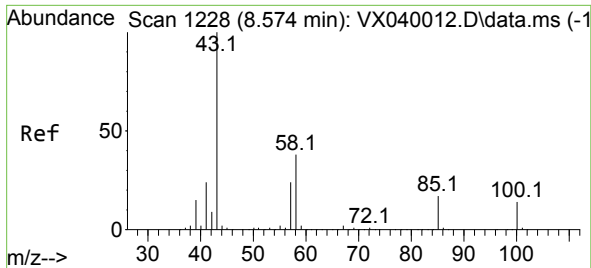
Tgt Ion: 41 Resp: 59597
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 54.4 47.7 71.5



#50
Toluene-d8
Concen: 48.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 98 Resp: 212637
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

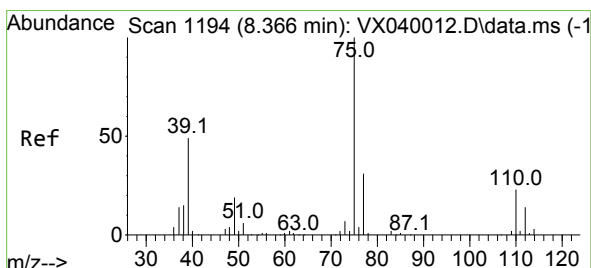
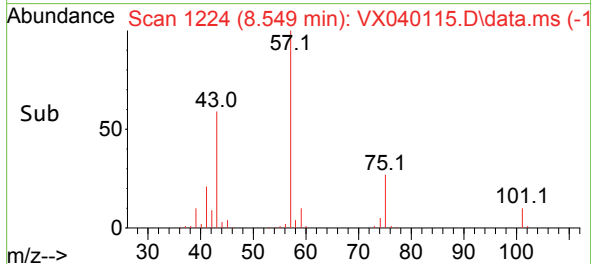
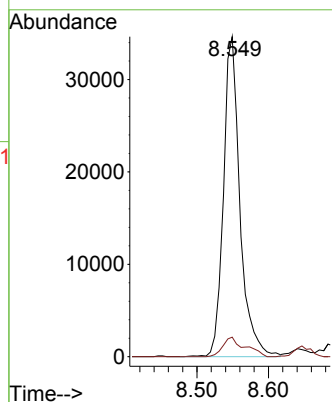
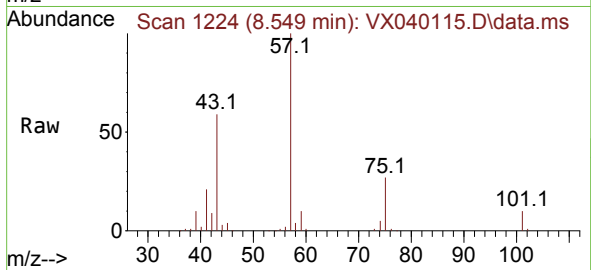




#51
4-Methyl-2-Pentanone
Concen: 27.691 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

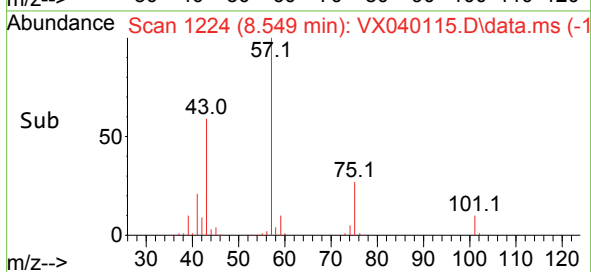
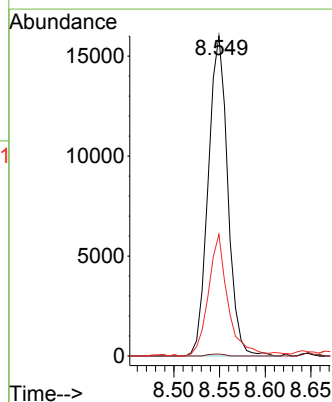
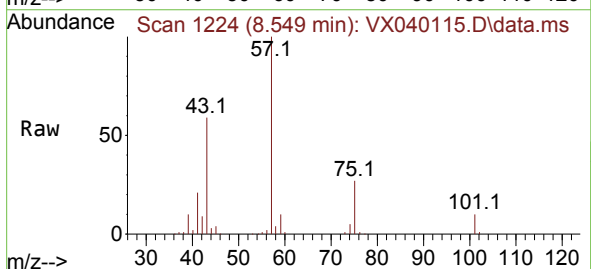
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

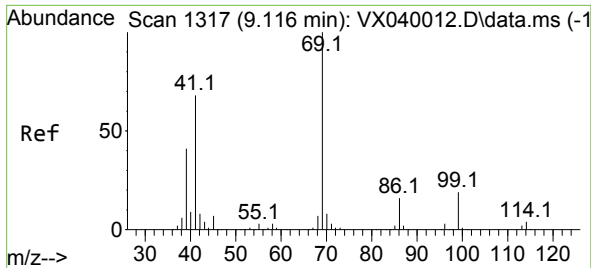
Tgt Ion: 43 Resp: 55546
Ion Ratio Lower Upper
43 100
58 8.1 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 12.196 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 75 Resp: 23676
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 38.0 46.7 70.1#

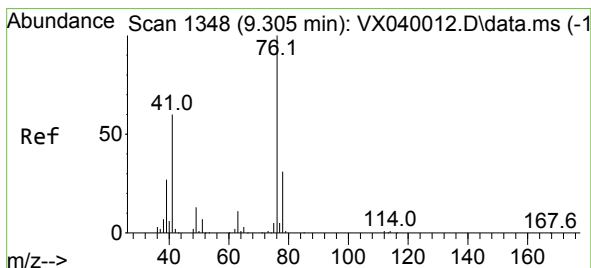
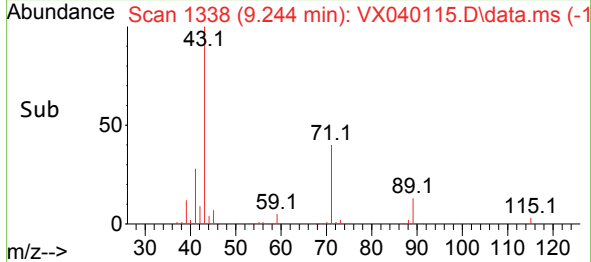
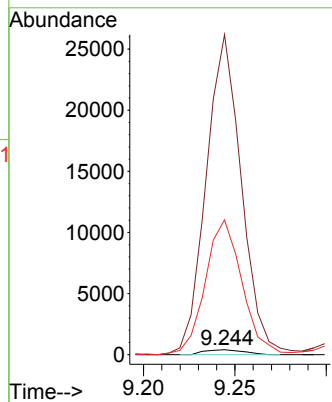
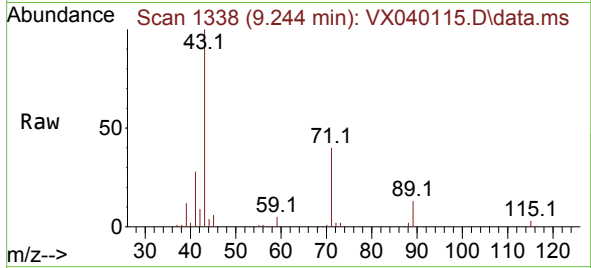




#56
Ethyl methacrylate
Concen: 0.328 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

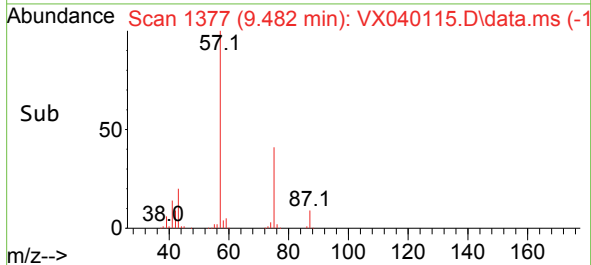
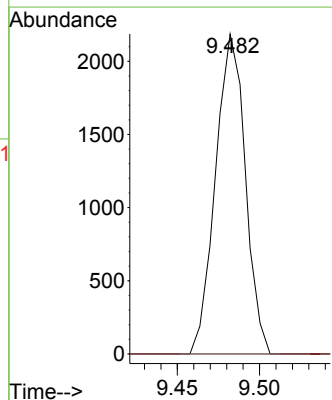
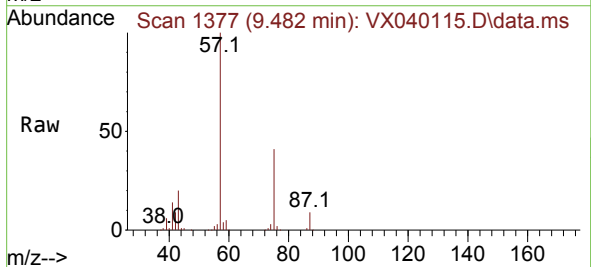
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

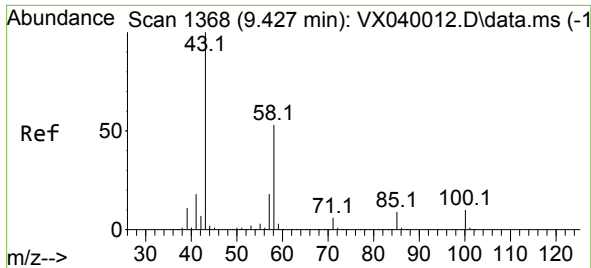
Tgt Ion: 69 Resp: 615
Ion Ratio Lower Upper
69 100
41 5741.3 56.8 85.2#
39 2516.6 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.305 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 76 Resp: 2757
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

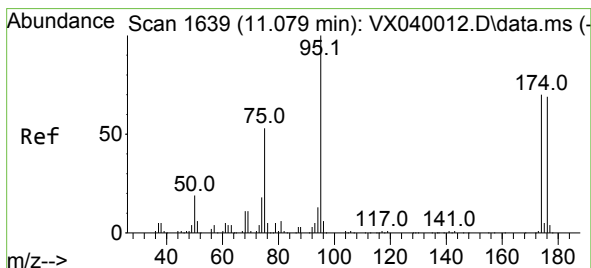
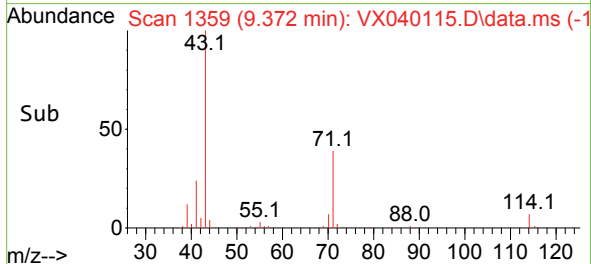
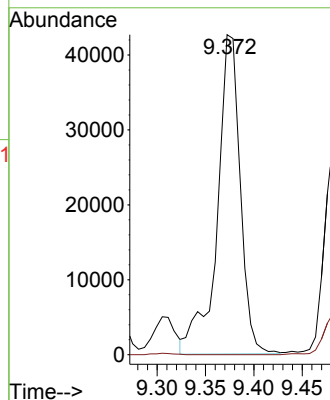
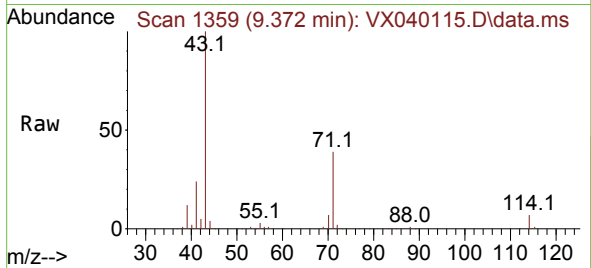




#59
2-Hexanone
Concen: 44.083 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

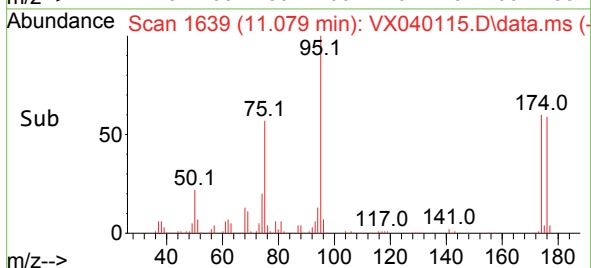
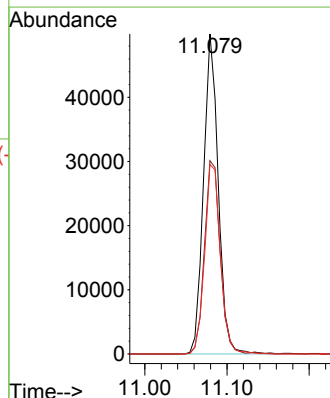
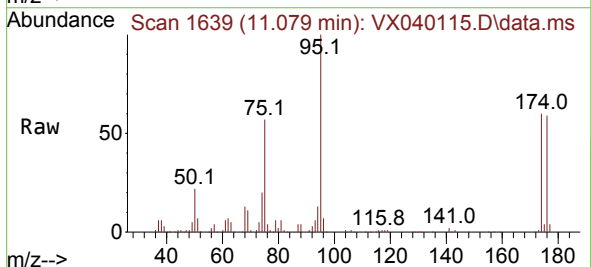
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

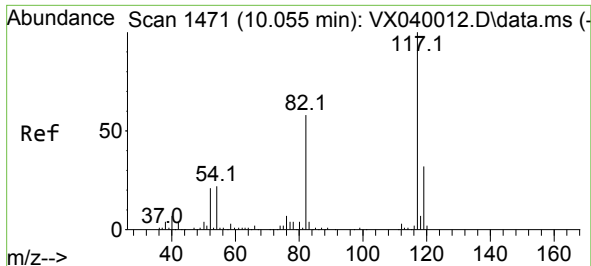
Tgt Ion: 43 Resp: 70506
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 36.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion: 95 Resp: 62065
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.6
176 63.1 0.0 131.0

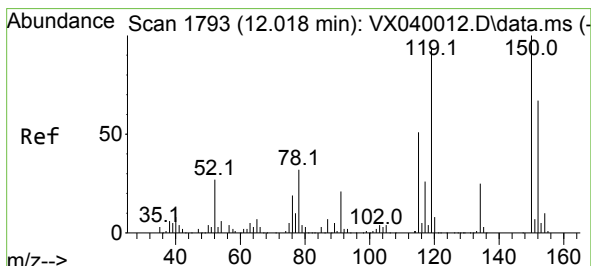
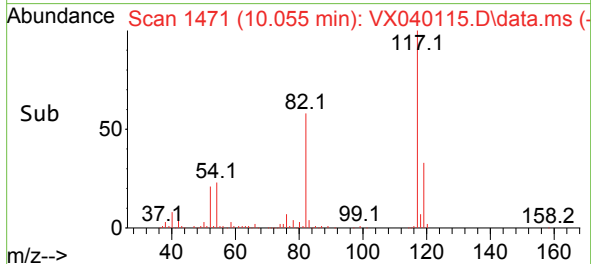
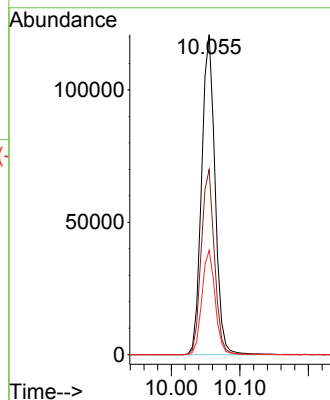
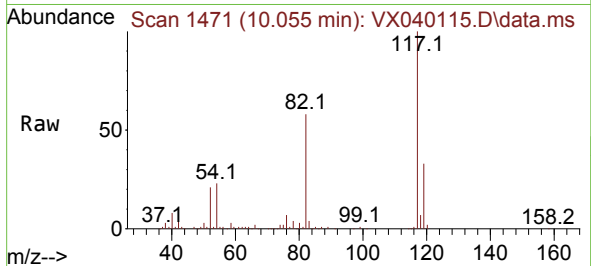




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

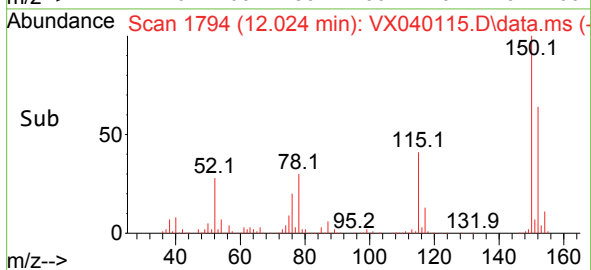
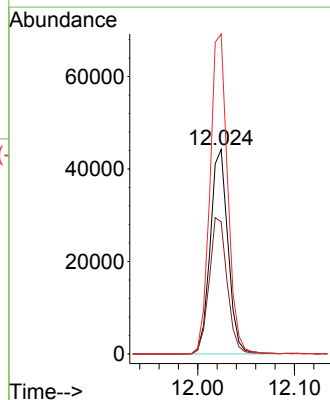
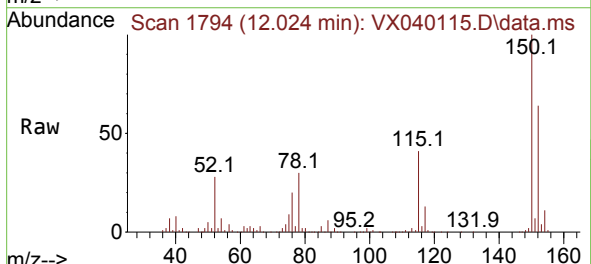
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

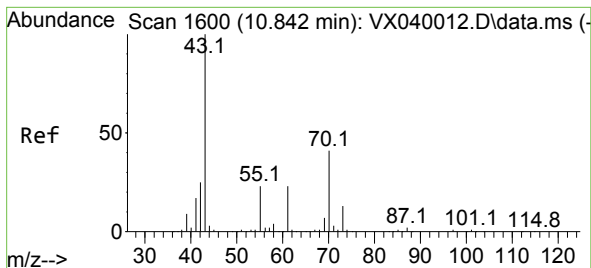
Tgt Ion:117 Resp: 164983
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Tgt Ion:152 Resp: 56590
Ion Ratio Lower Upper
152 100
115 67.9 43.3 129.9
150 155.7 0.0 345.0





#74

N-amyl acetate

Concen: 0.400 ug/l

RT: 10.823 min Scan# 1

Delta R.T. -0.019 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Instrument :

MSVOA_X

ClientSampleId :

EB-3-2-4

Tgt Ion: 43 Resp: 371

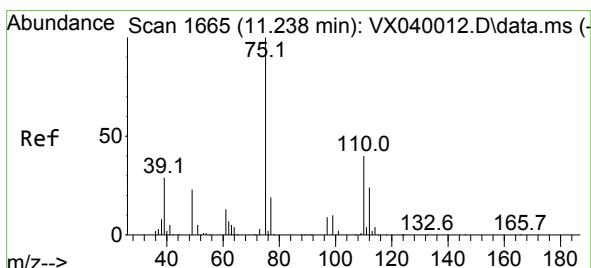
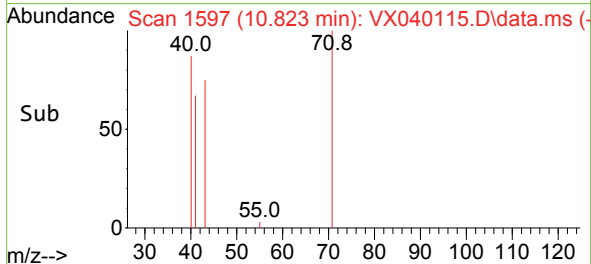
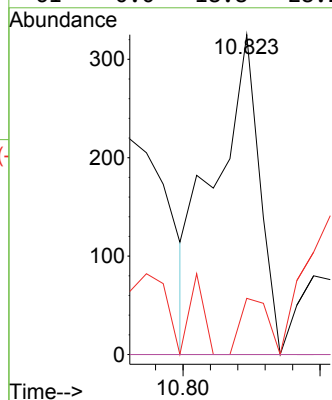
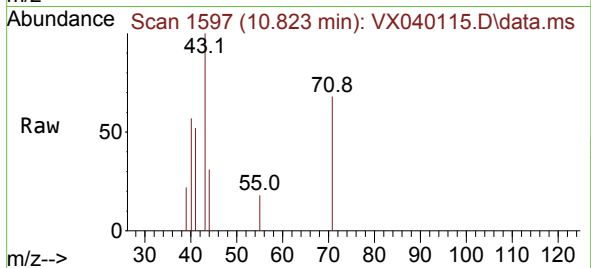
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 10.8 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 30.089 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040115.D

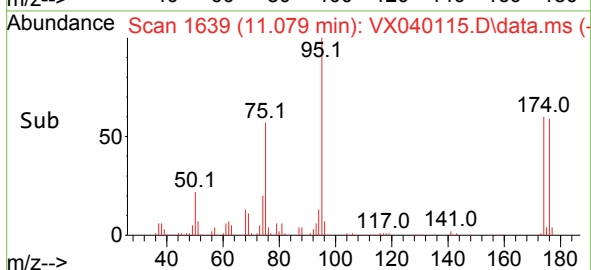
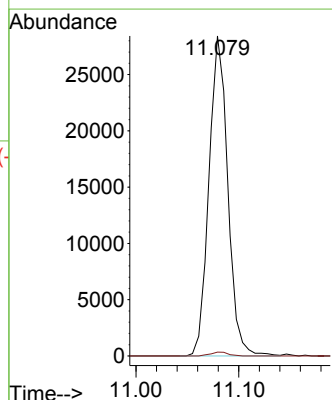
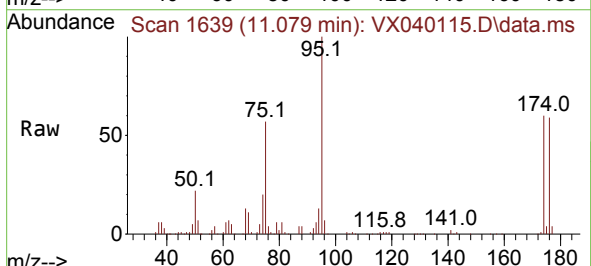
Acq: 05 Feb 2024 14:54

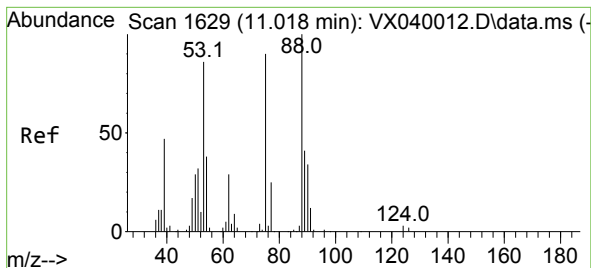
Tgt Ion: 75 Resp: 36260

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

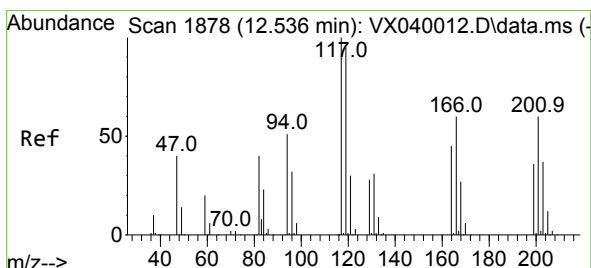
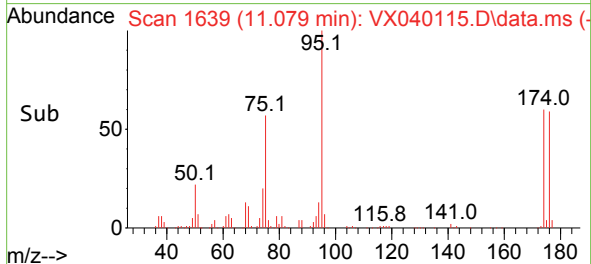
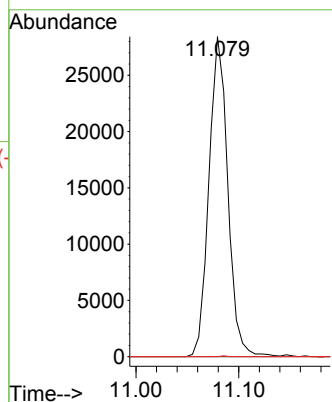
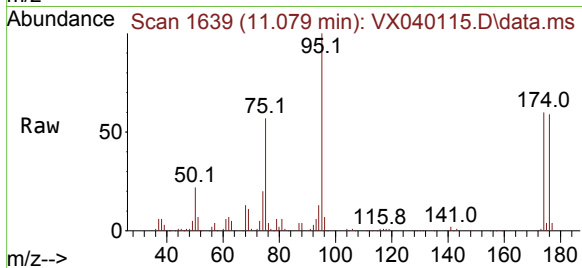




#81
trans-1,4-Dichloro-2-butene
Concen: 86.217 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

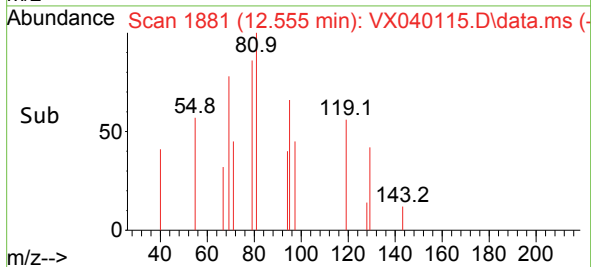
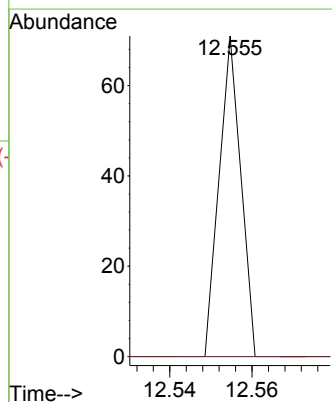
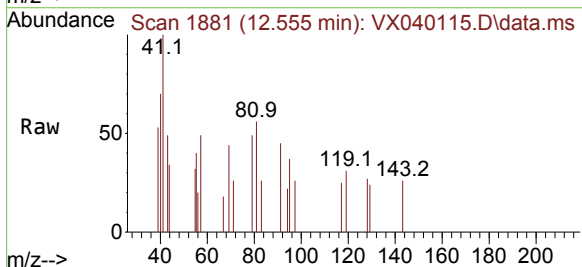
Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4

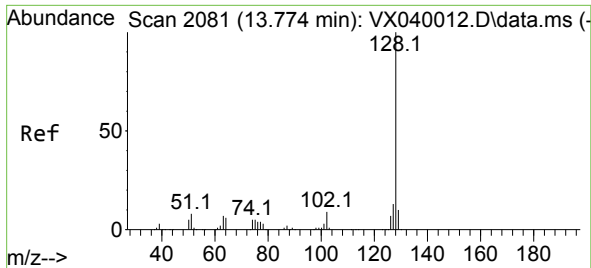
Tgt Ion: 75 Resp: 36260
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#90
Hexachloroethane
Concen: Below Cal
RT: 12.555 min Scan# 1881
Delta R.T. 0.019 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

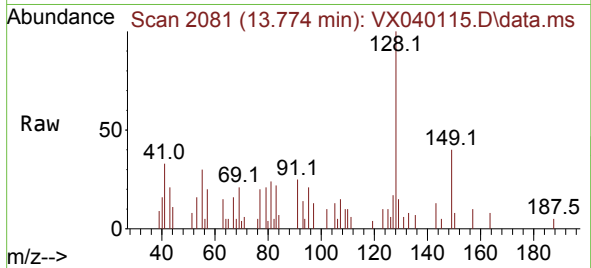
Tgt Ion: 117 Resp: 26
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 0.557 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040115.D
Acq: 05 Feb 2024 14:54

Instrument :
MSVOA_X
ClientSampleId :
EB-3-2-4



Tgt Ion:128 Resp: 2157
Ion Ratio Lower Upper
128 100
127 15.6 10.3 15.5#
129 13.3 8.8 13.2#

