

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041259.D
 Acq On : 26 Apr 2024 15:18
 Operator : JC/MD
 Sample : PB160522ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:18:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

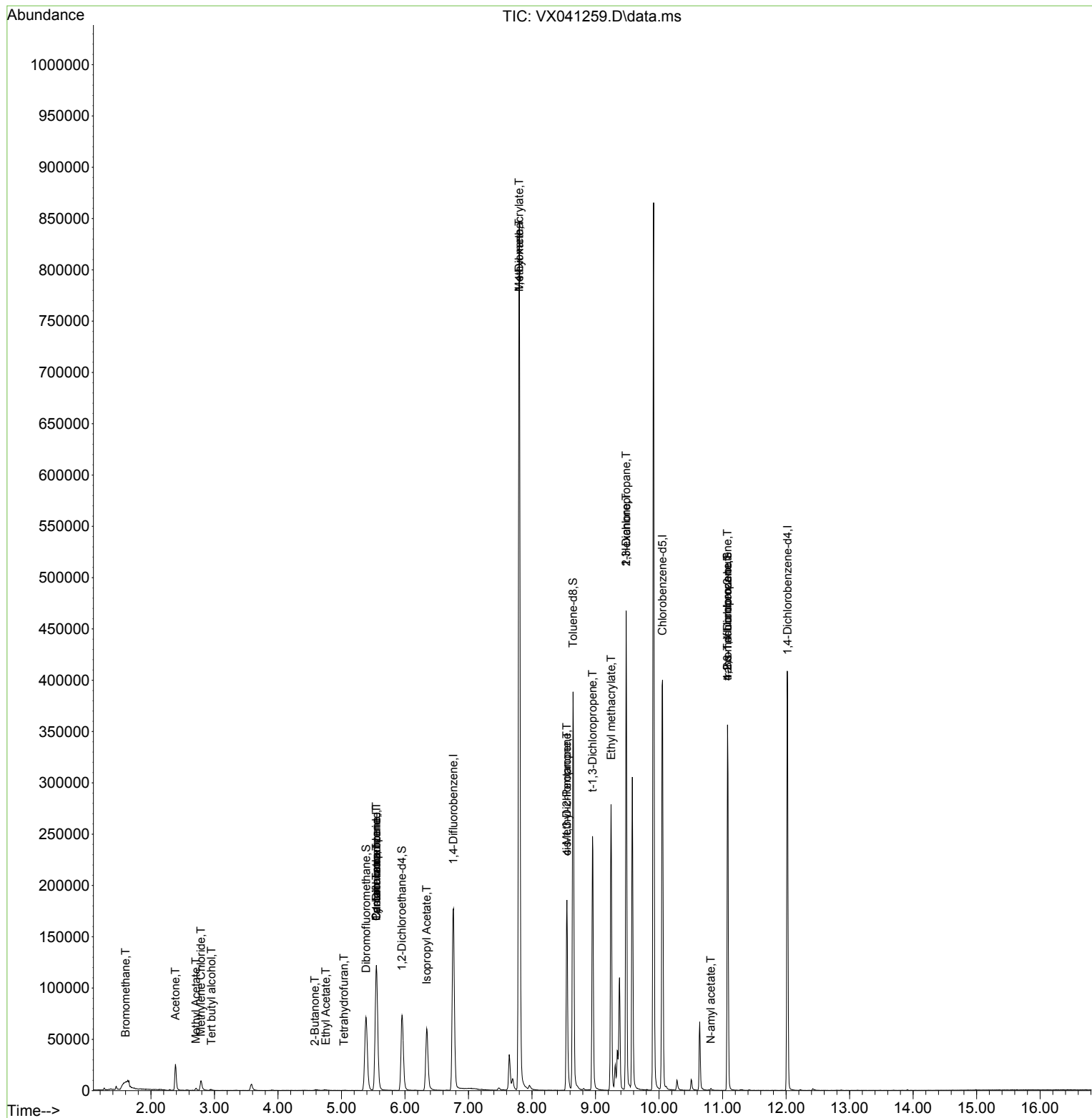
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	132308	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	193431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73051	58.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.000%	
35) Dibromofluoromethane	5.385	113	61174	51.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.980%	
50) Toluene-d8	8.647	98	229987	57.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 115.860%#	
62) 4-Bromofluorobenzene	11.079	95	83993	57.324	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.640%	
Target Compounds						Qvalue
5) Bromomethane	1.599	94	363	0.569	ug/l	# 61
11) Tert butyl alcohol	2.953	59	724	3.209	ug/l	# 78
16) Acetone	2.386	43	28095	61.283	ug/l	98
18) Methyl Acetate	2.709	43	2762	2.037	ug/l	93
20) Methylene Chloride	2.788	84	5364	4.791	ug/l	# 87
25) 2-Butanone	4.580	43	992	1.267	ug/l	# 80
29) Tetrahydrofuran	5.038	42	117	0.219	ug/l	# 34
31) Cyclohexane	5.550	56	2369	1.398	ug/l	# 19
36) 1,1-Dichloropropene	5.550	75	8038	5.339	ug/l	# 52
37) Ethyl Acetate	4.751	43	1749	1.059	ug/l	# 74
38) Carbon Tetrachloride	5.550	117	11366	6.759	ug/l	# 15
43) Isopropyl Acetate	6.342	43	85121	31.991	ug/l	98
48) Methyl methacrylate	7.799	41	78059	62.024	ug/l	# 50
49) 1,4-Dioxane	7.799	88	89	3.286	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	67065	40.268	ug/l	# 50
53) t-1,3-Dichloropropene	8.952	75	541	0.360	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	29784	17.432	ug/l	# 59
56) Ethyl methacrylate	9.244	69	562	0.322	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	3814	2.015	ug/l	# 42
59) 2-Hexanone	9.482	43	55029	43.087	ug/l	# 52
74) N-amyl acetate	10.817	43	943	0.417	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	43477	29.189	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43477	82.350	ug/l	# 5

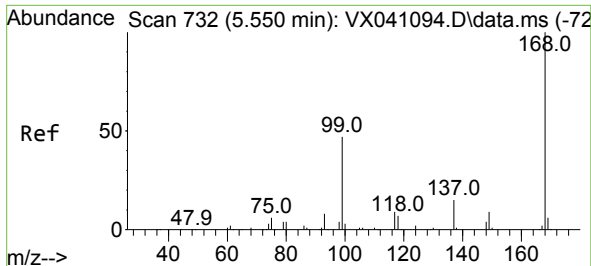
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041259.D
Acq On : 26 Apr 2024 15:18
Operator : JC/MD
Sample : PB160522ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

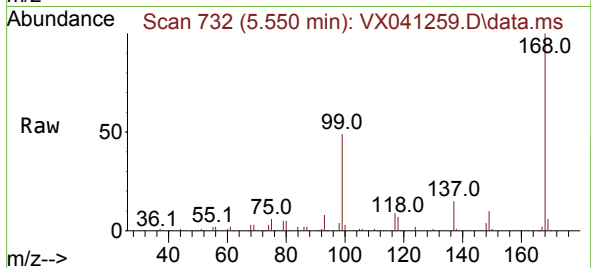
Quant Time: Apr 27 02:18:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



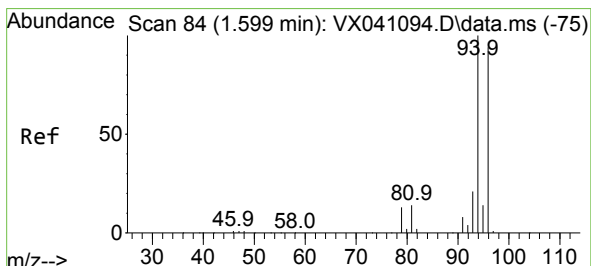
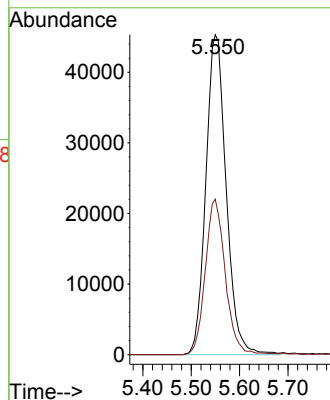
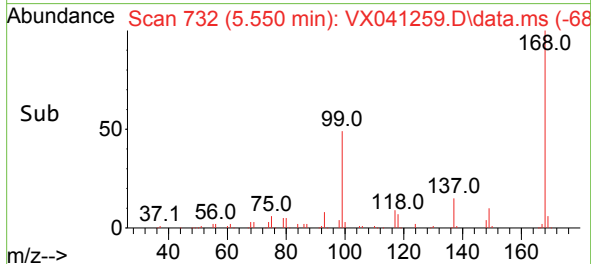


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

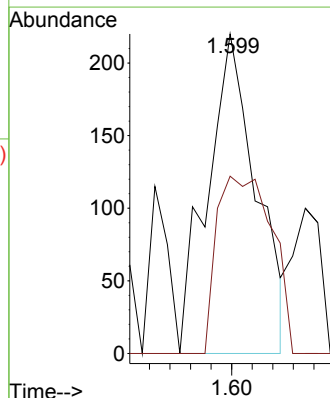
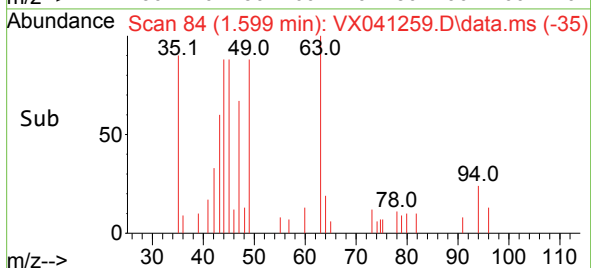
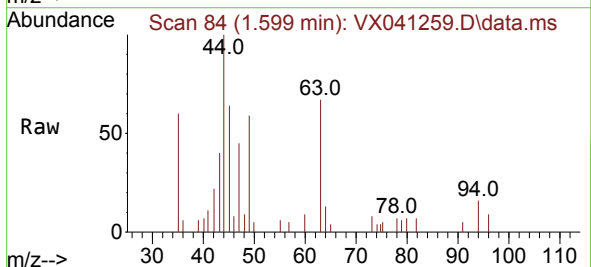


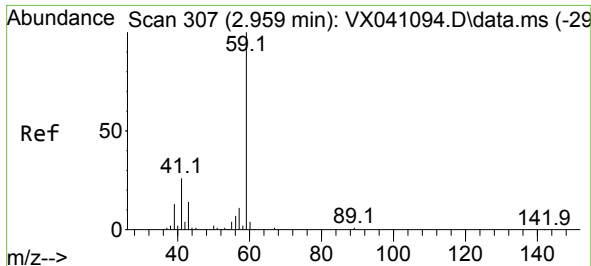
Tgt Ion:168 Resp: 132308
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0#



#5
Bromomethane
Concen: 0.569 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 55.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.209 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.110 min

Lab File: VX041259.D

Acq: 26 Apr 2024 15:18

Instrument :

MSVOA_X

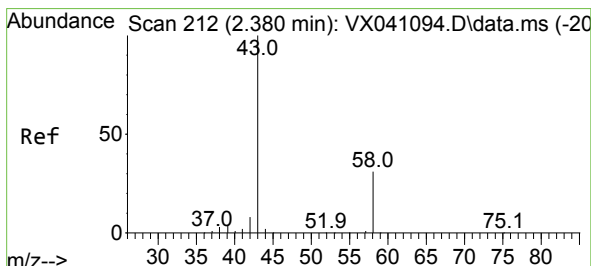
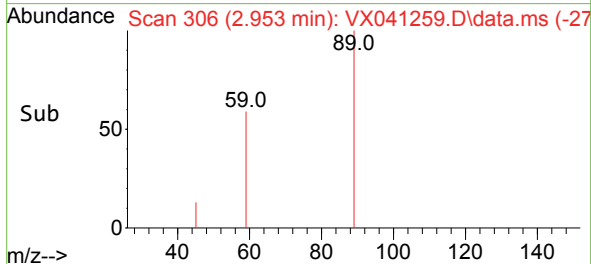
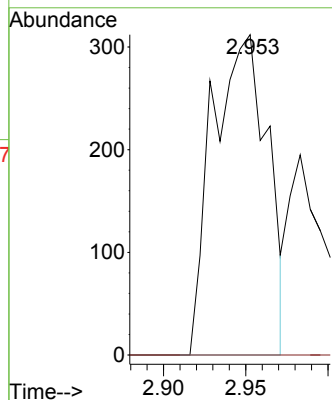
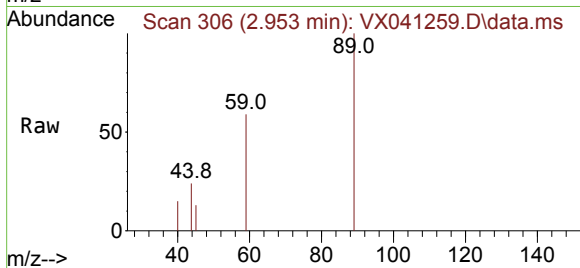
ClientSampleId :

Tgt Ion: 59 Resp: 724

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 61.283 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX041259.D

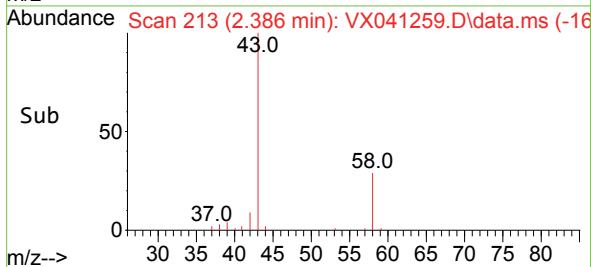
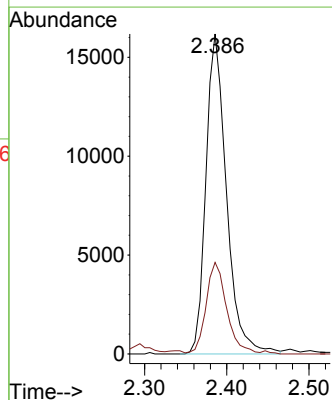
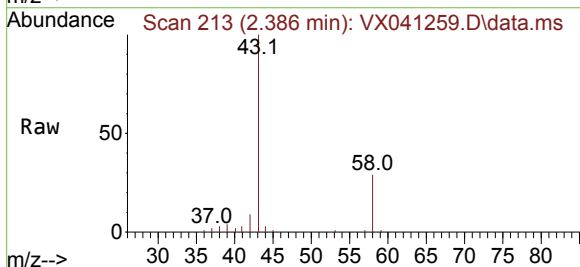
Acq: 26 Apr 2024 15:18

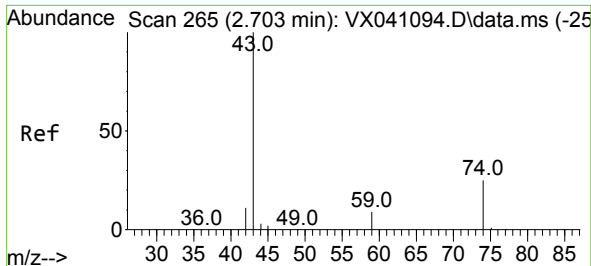
Tgt Ion: 43 Resp: 28095

Ion Ratio Lower Upper

43 100

58 28.6 21.9 32.9

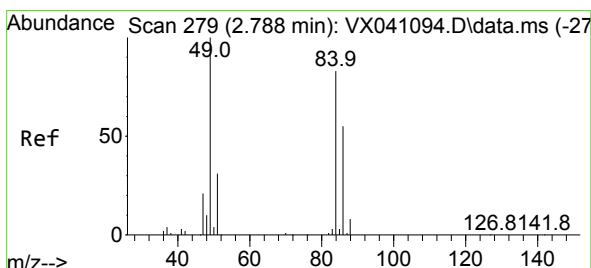
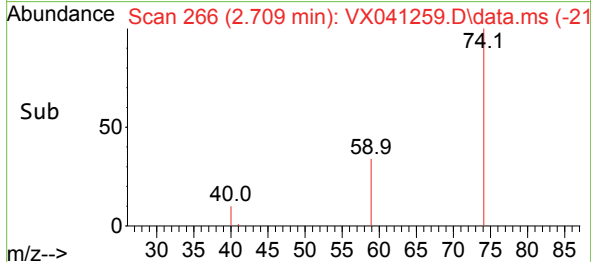
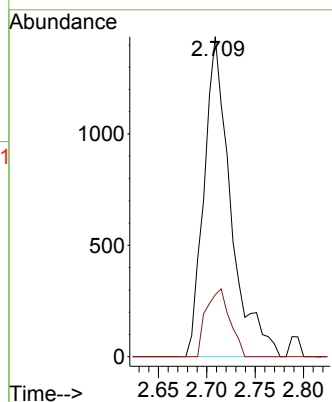
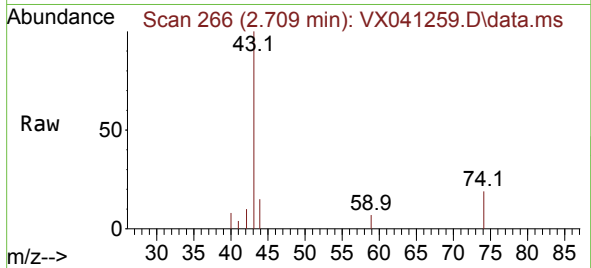




#18
Methyl Acetate
Concen: 2.037 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

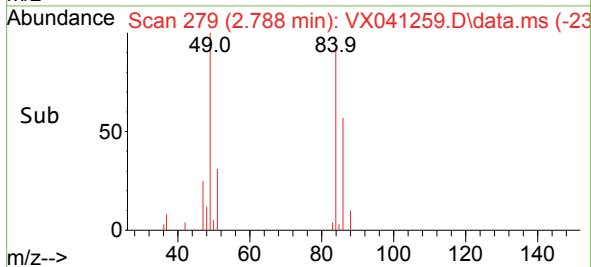
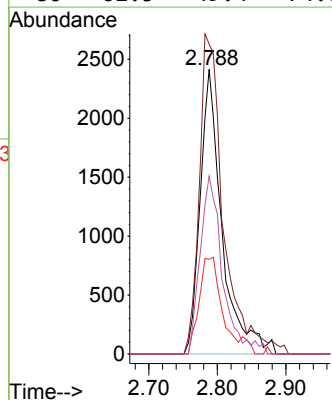
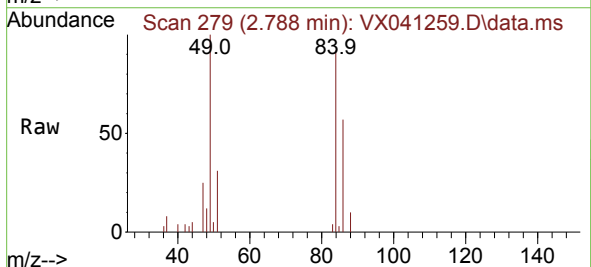
Instrument :
MSVOA_X
ClientSampleId :

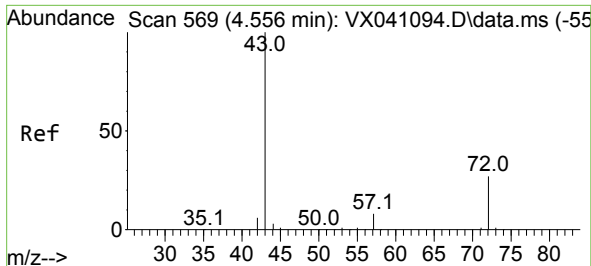
Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
74 18.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.791 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 84 Resp: 5364
Ion Ratio Lower Upper
84 100
49 108.9 103.6 155.4
51 33.3 33.8 50.6#
86 62.5 49.4 74.0

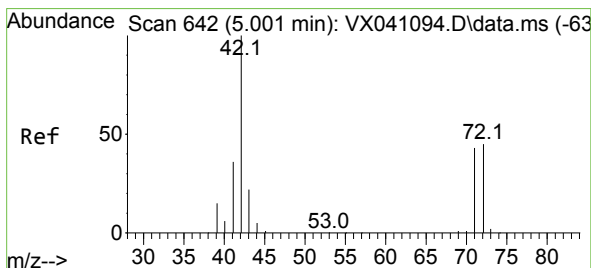
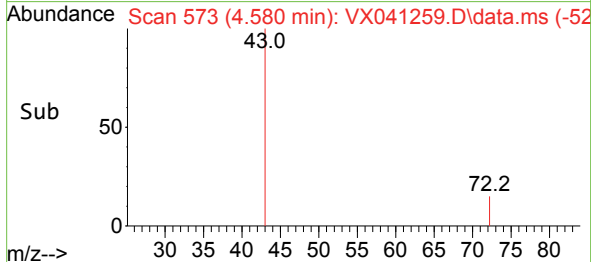
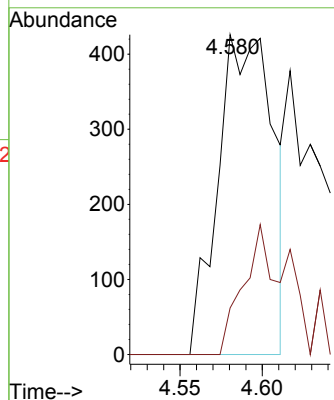
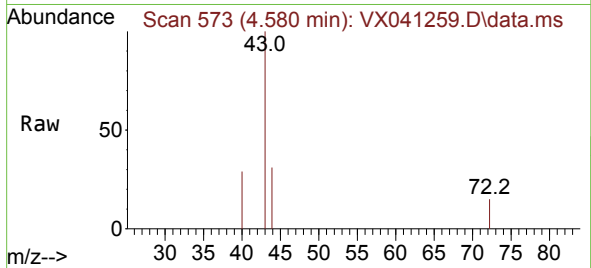




#25
2-Butanone
Concen: 1.267 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

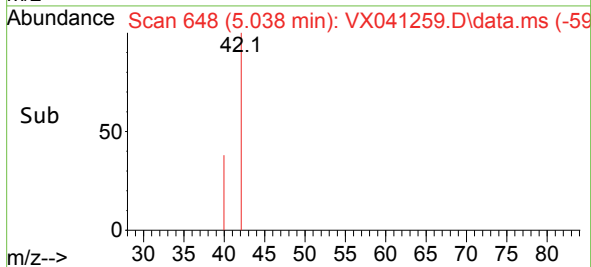
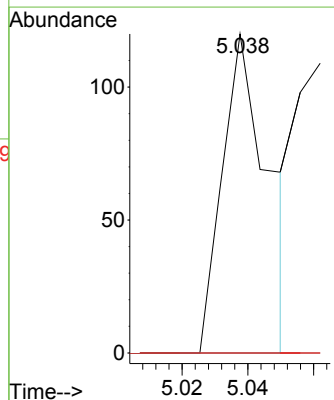
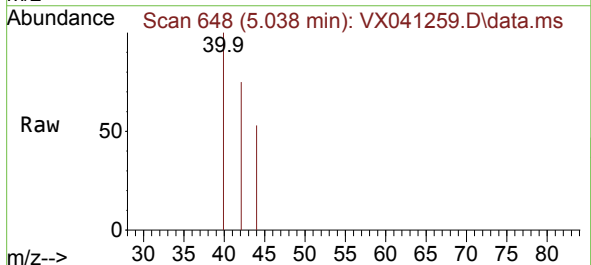
Instrument :
MSVOA_X
ClientSampleId :

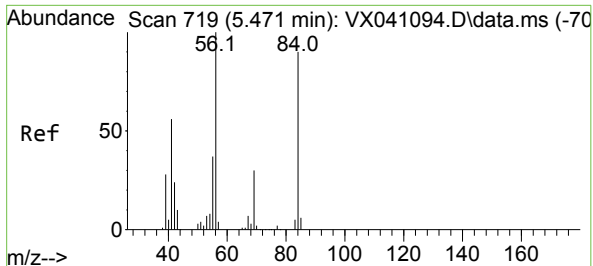
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
72 14.6 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.219 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

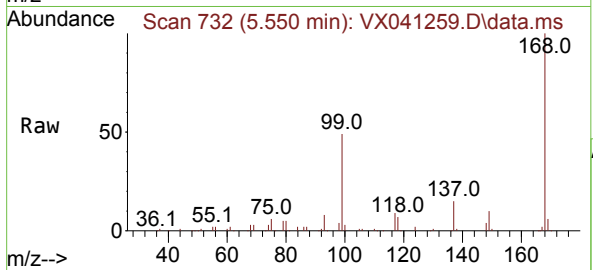
Tgt Ion: 42 Resp: 117
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



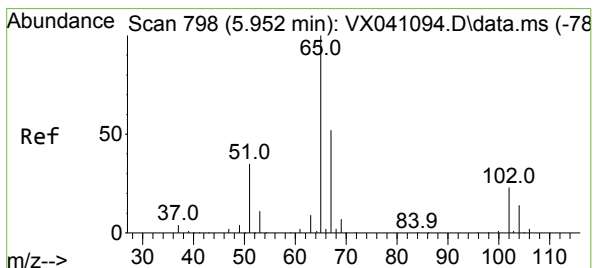
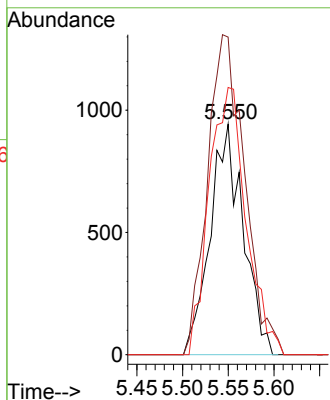
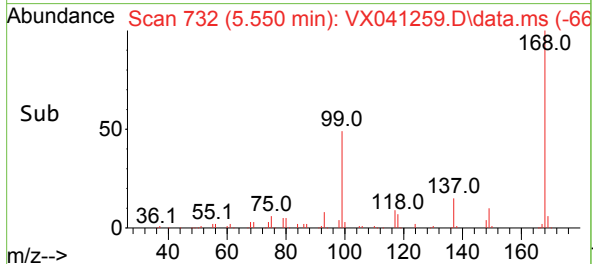


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

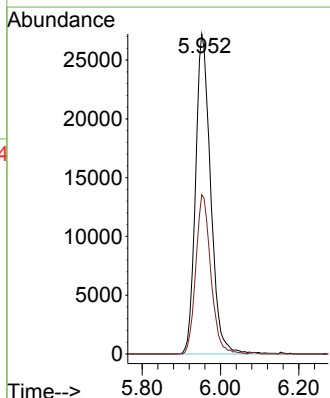
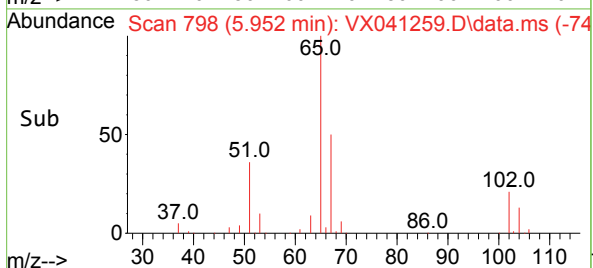
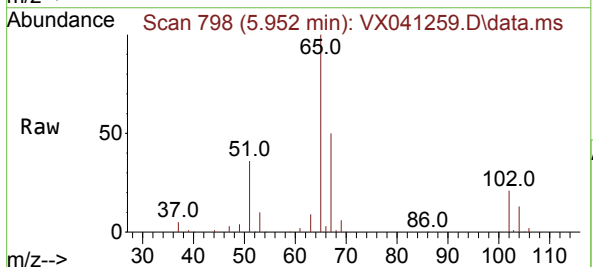


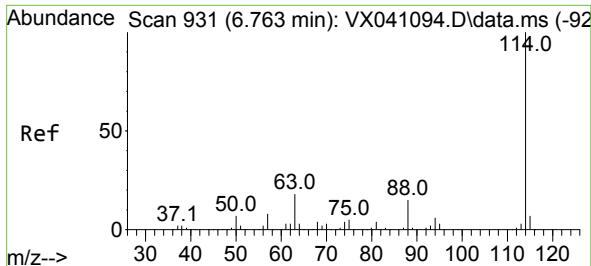
Tgt Ion: 56 Resp: 2369
Ion Ratio Lower Upper
56 100
69 137.8 23.4 35.2#
84 115.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 58.001 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 65 Resp: 73051
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.2

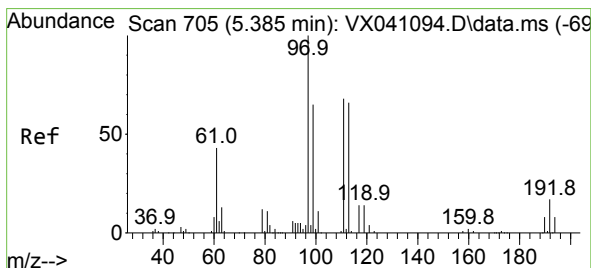
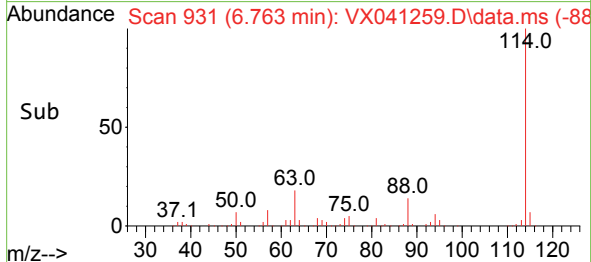
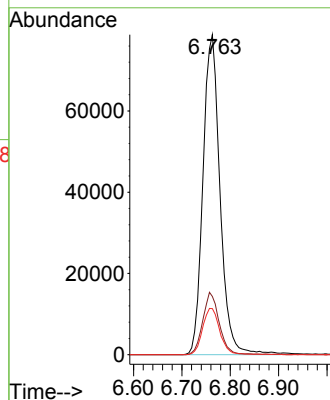
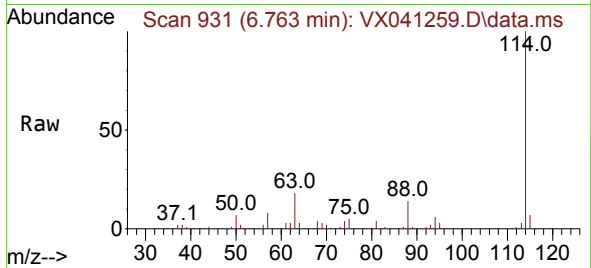




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

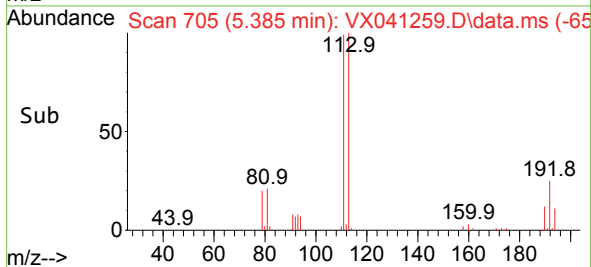
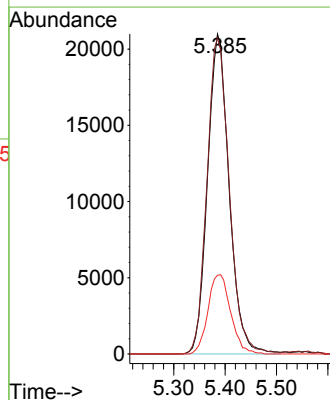
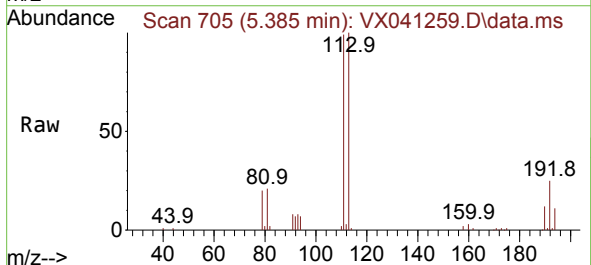
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MSVOA_X
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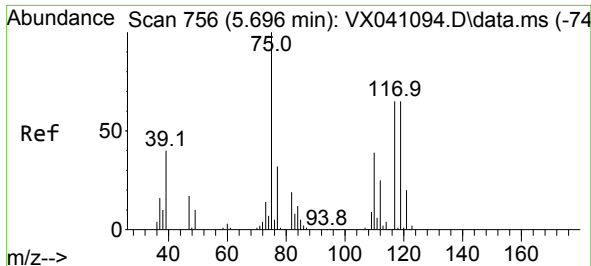
Tgt Ion:114 Resp: 193431
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.991 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion:113 Resp: 61174
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 26.1 13.3 19.9#

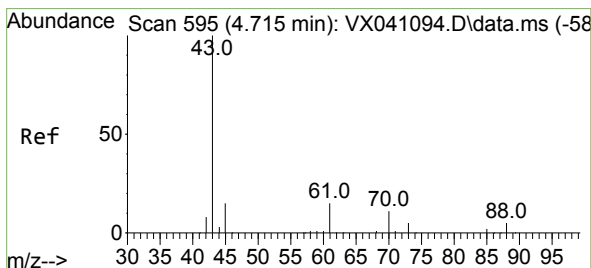
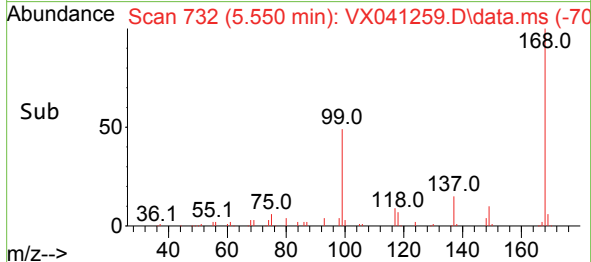
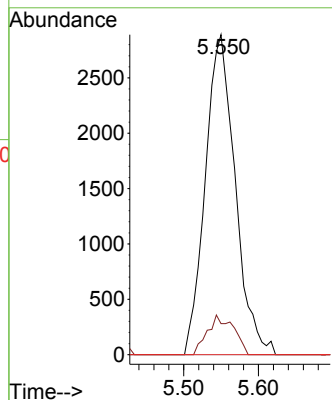
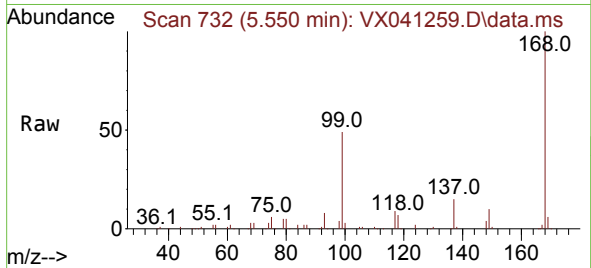




#36
1,1-Dichloropropene
Concen: 5.339 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

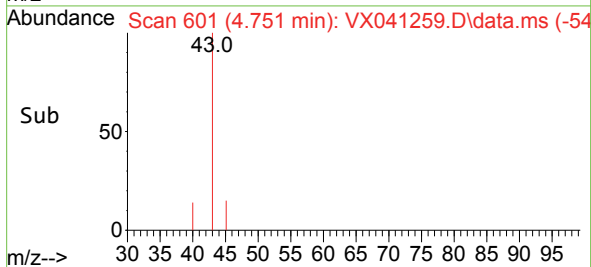
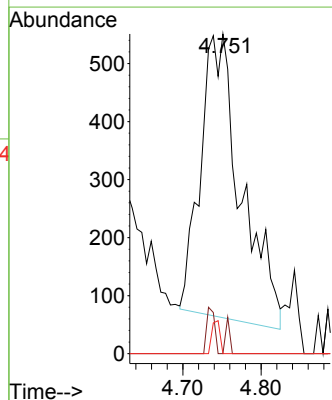
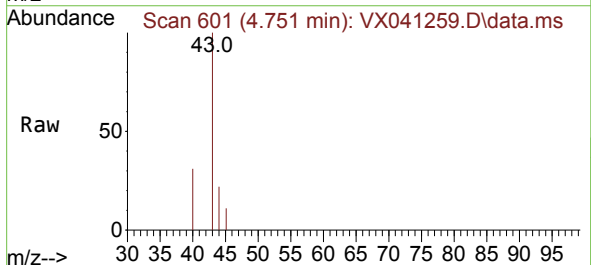
Instrument :
MSVOA_X
ClientSampleId :

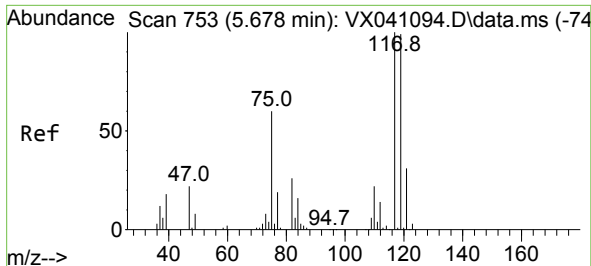
Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.059 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.030 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

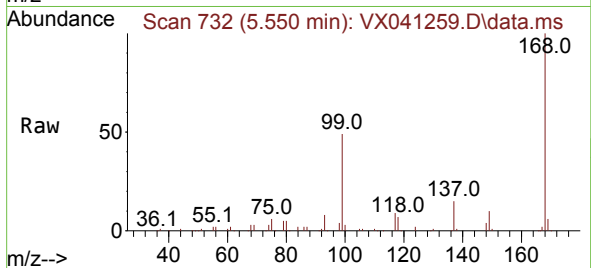
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
61 1.3 10.6 16.0#
70 2.3 8.3 12.5#



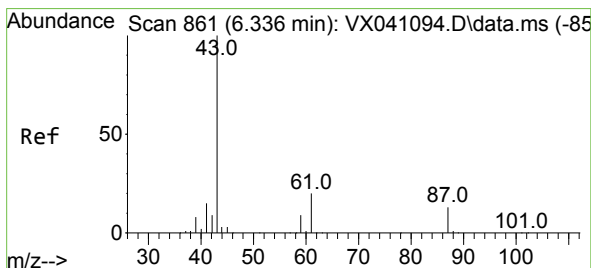
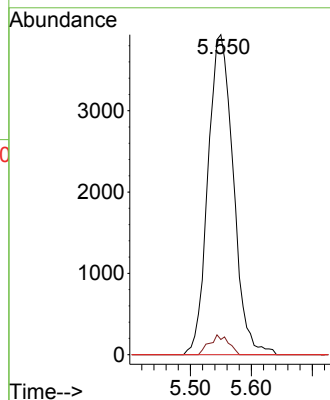
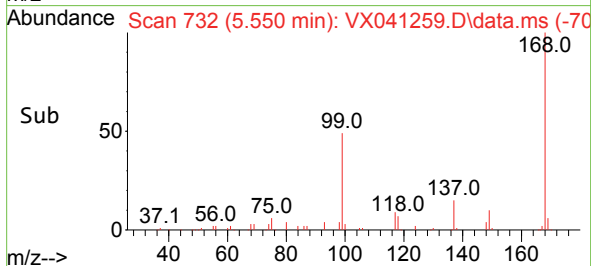


#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Instrument :
MSVOA_X
ClientSampleId :

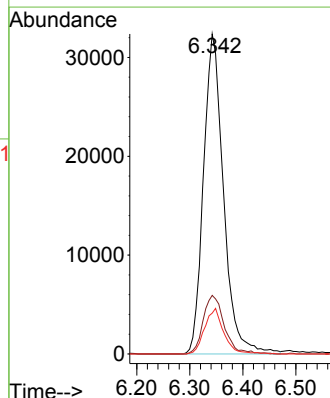
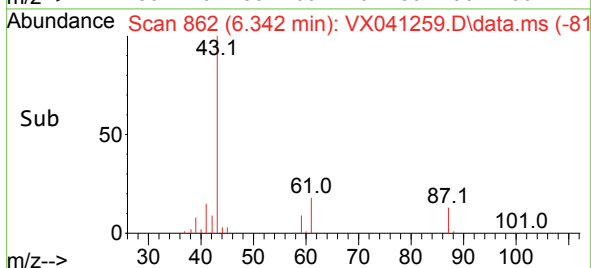
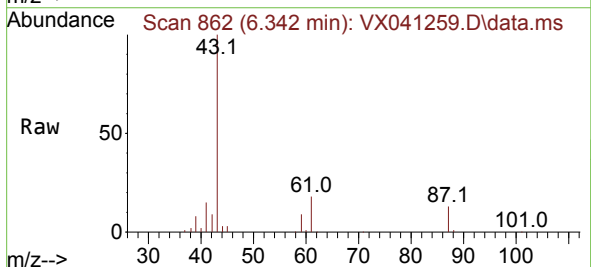


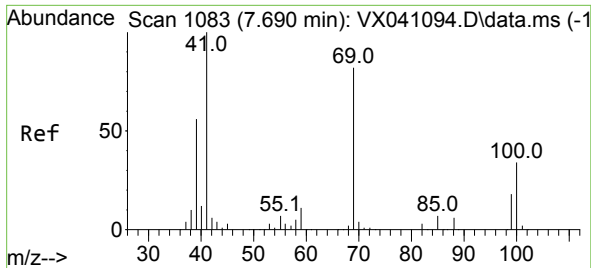
Tgt Ion:117 Resp: 11366
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 31.991 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 43 Resp: 85121
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 13.6 9.8 14.6

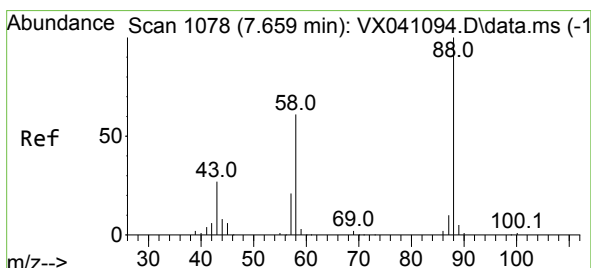
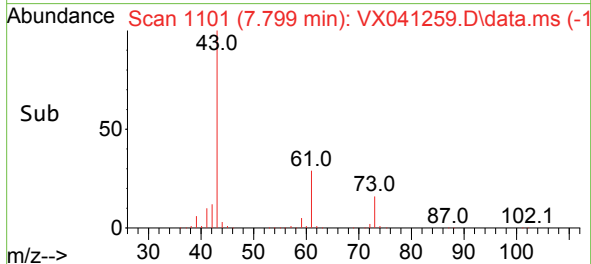
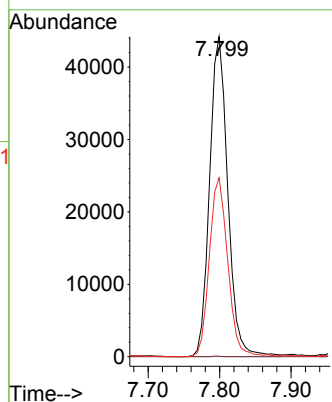
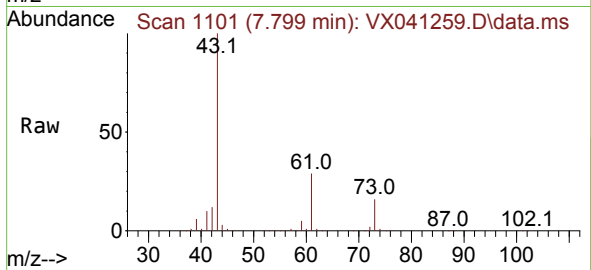




#48
Methyl methacrylate
Concen: 62.024 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

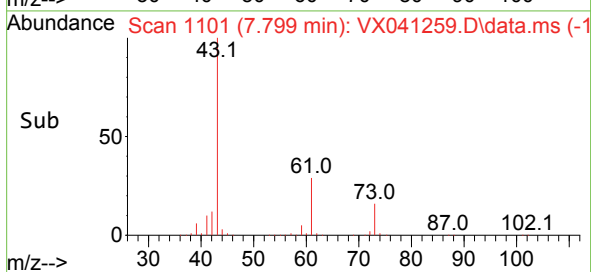
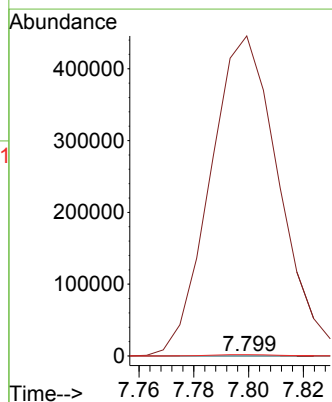
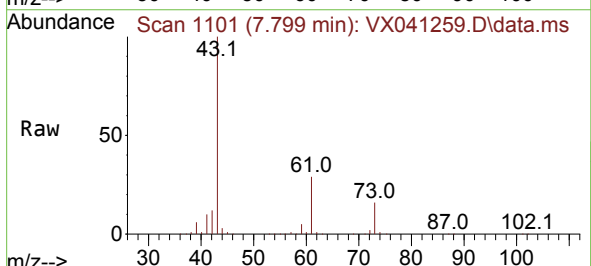
Instrument :
MSVOA_X
ClientSampleId :

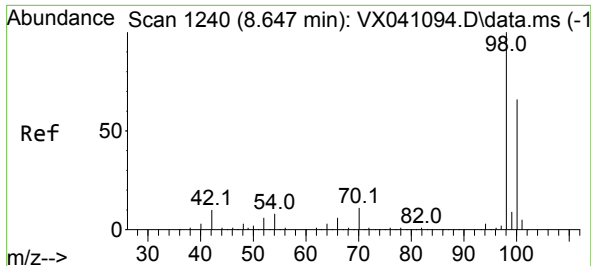
Tgt Ion: 41 Resp: 78059
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 56.7 47.7 71.5



#49
1,4-Dioxane
Concen: 3.286 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.122 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 895433.7 0.0 0.0#
58 3778.7 60.1 90.1#

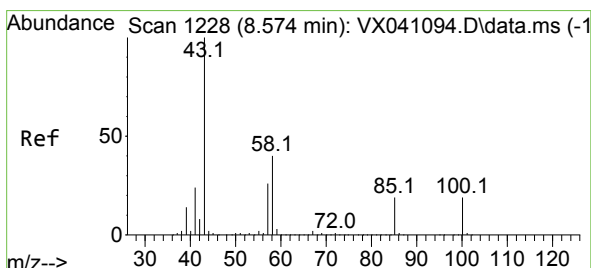
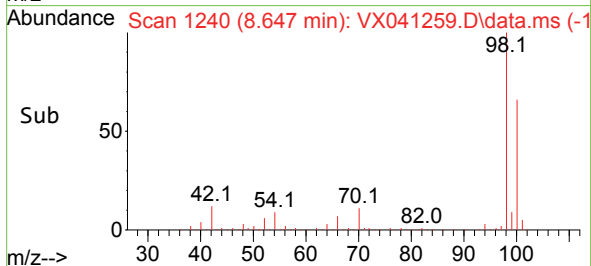
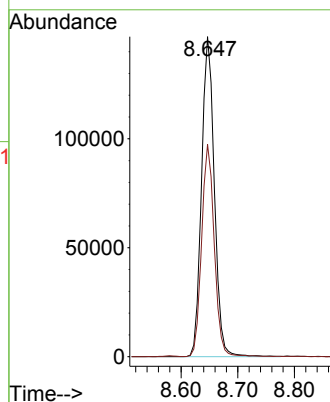
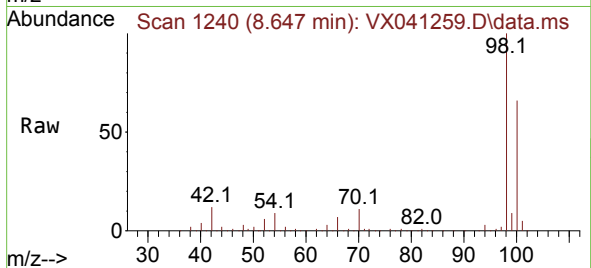




#50
Toluene-d8
Concen: 57.935 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

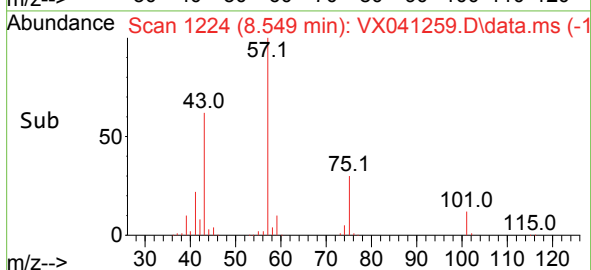
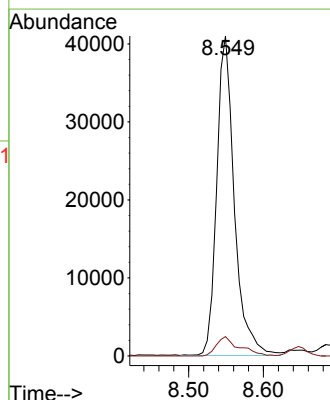
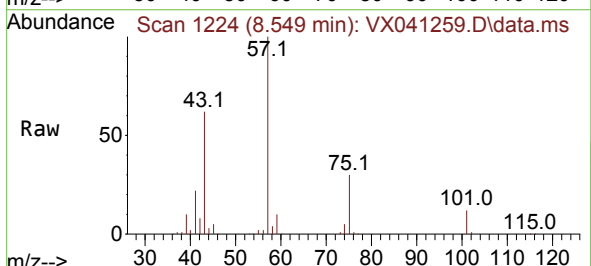
Instrument :
MSVOA_X
ClientSampleId :

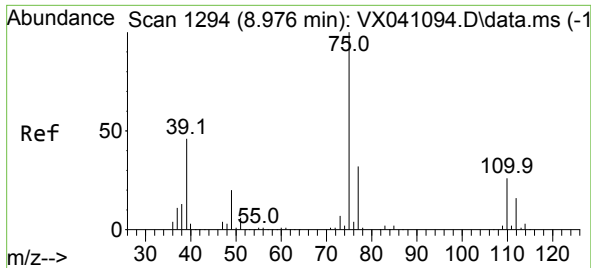
Tgt Ion: 98 Resp: 229987
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 40.268 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 43 Resp: 67065
Ion Ratio Lower Upper
43 100
58 7.9 30.4 45.6#

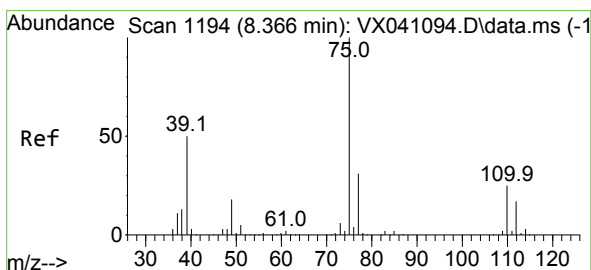
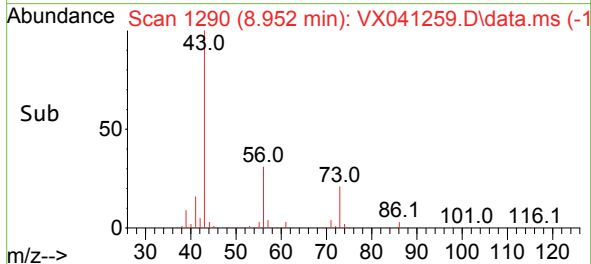
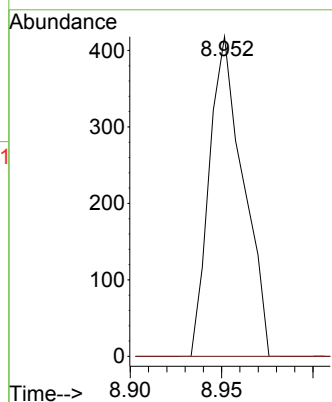
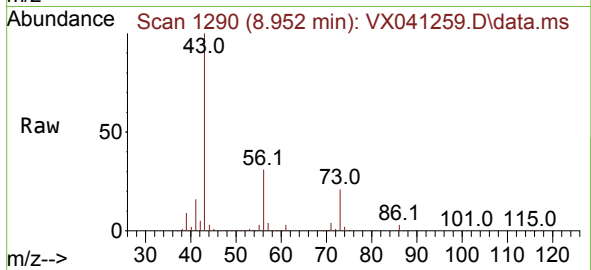




#53
 t-1,3-Dichloropropene
 Concen: 0.360 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX041259.D
 Acq: 26 Apr 2024 15:18

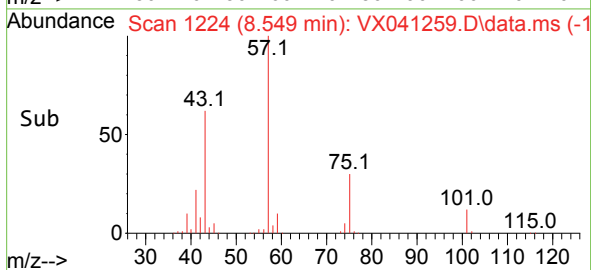
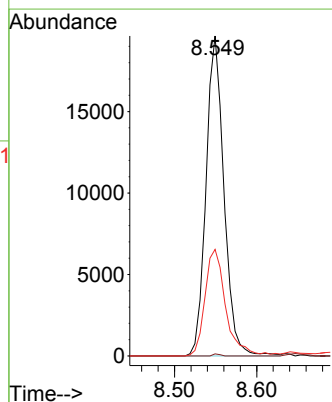
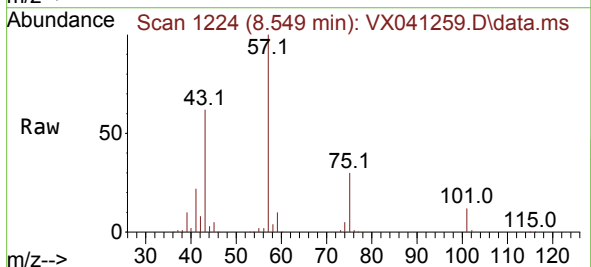
Instrument :
 MSVOA_X
 ClientSampleId :

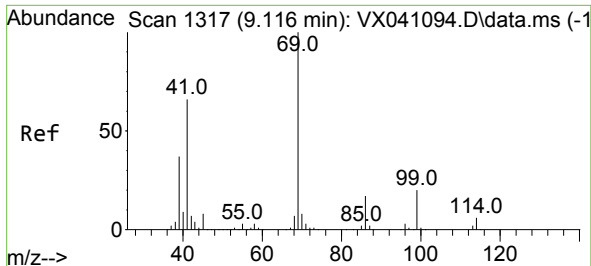
Tgt Ion: 75 Resp: 541
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 17.432 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041259.D
 Acq: 26 Apr 2024 15:18

Tgt Ion: 75 Resp: 29784
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.3 37.9#
 39 33.3 46.7 70.1#

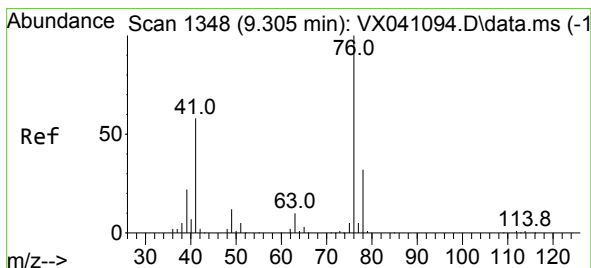
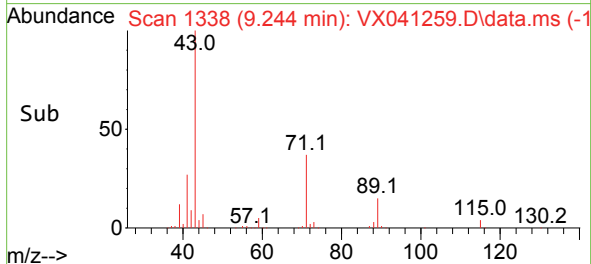
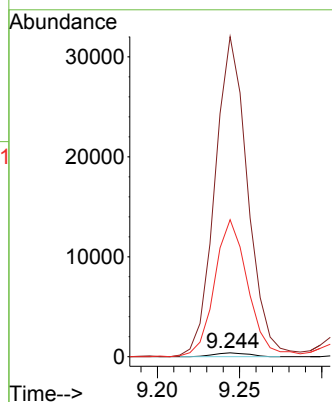
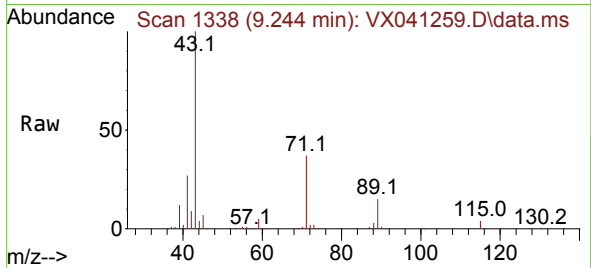




#56
Ethyl methacrylate
Concen: 0.322 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

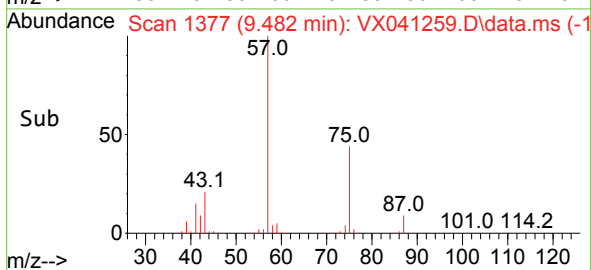
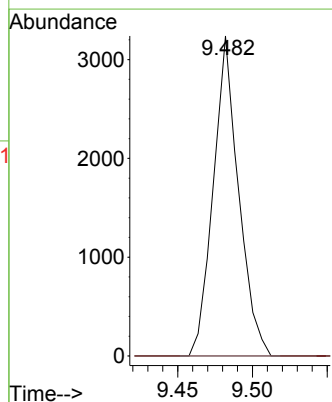
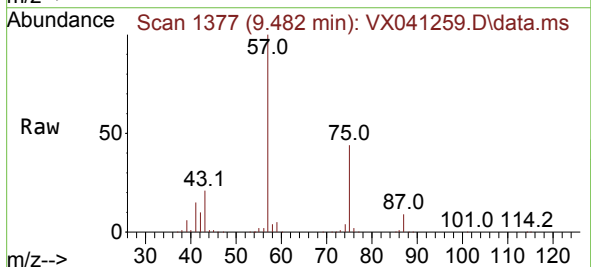
Instrument :
MSVOA_X
ClientSampleId :

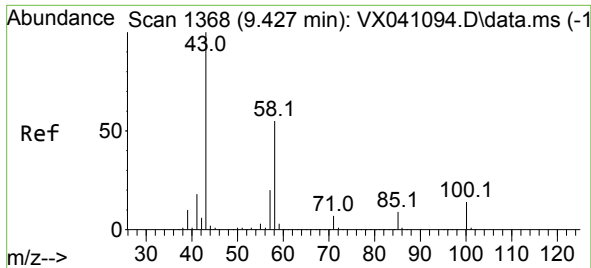
Tgt Ion: 69 Resp: 562
Ion Ratio Lower Upper
69 100
41 7940.2 56.8 85.2#
39 3456.4 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 2.015 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 76 Resp: 3814
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

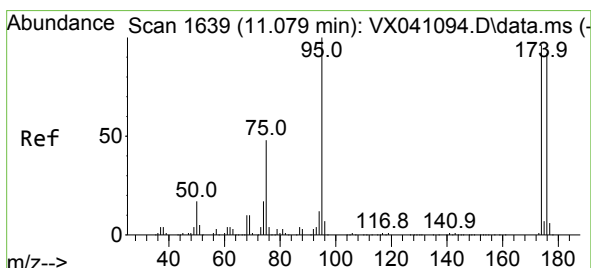
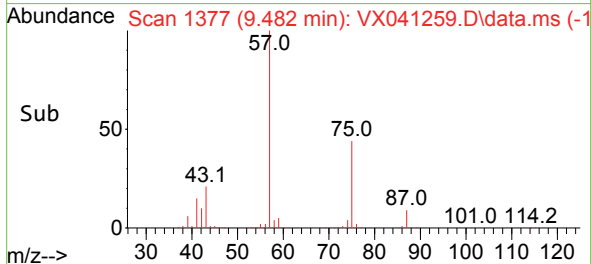
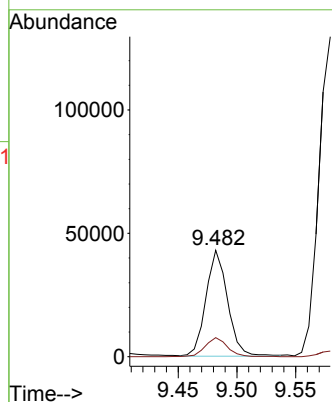
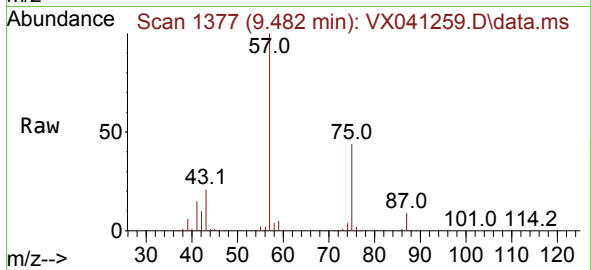




#59
2-Hexanone
Concen: 43.087 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

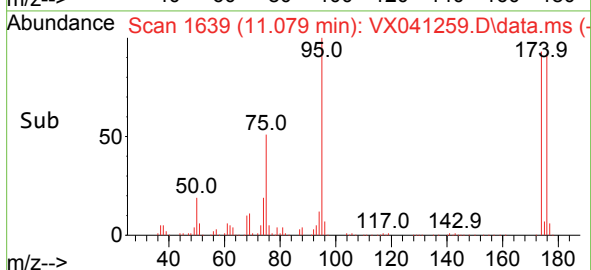
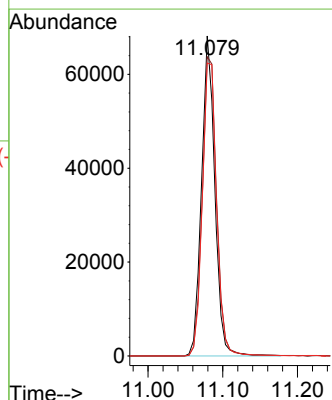
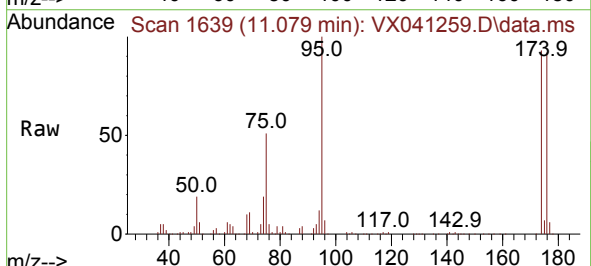
Instrument :
MSVOA_X
ClientSampleId :

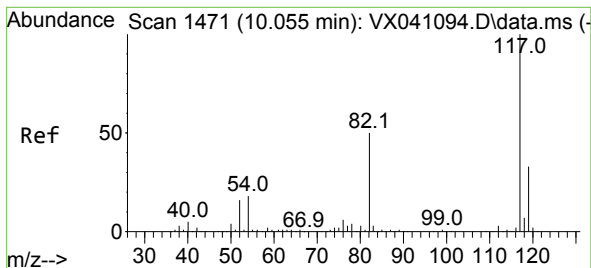
Tgt Ion: 43 Resp: 55029
Ion Ratio Lower Upper
43 100
58 18.6 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 57.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion: 95 Resp: 83993
Ion Ratio Lower Upper
95 100
174 100.8 0.0 135.6
176 98.7 0.0 131.0

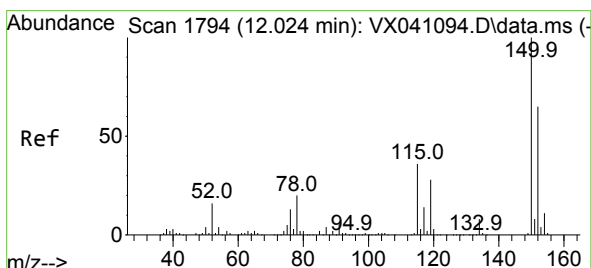
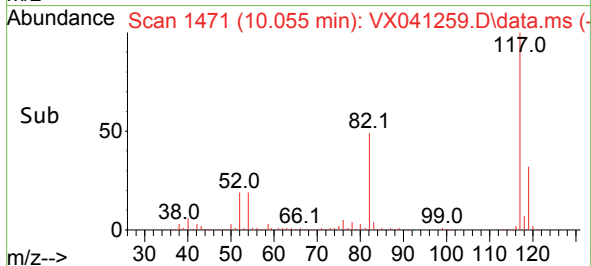
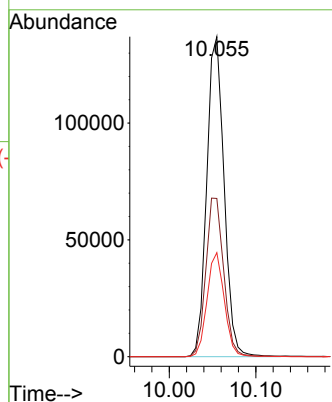
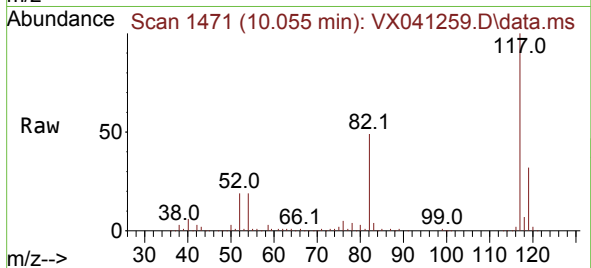




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

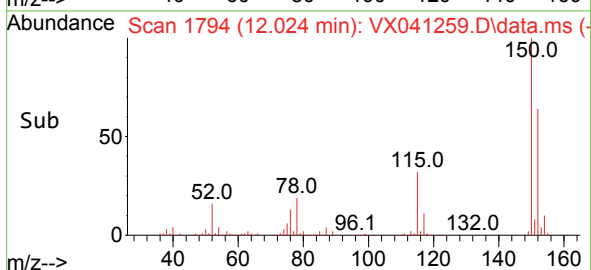
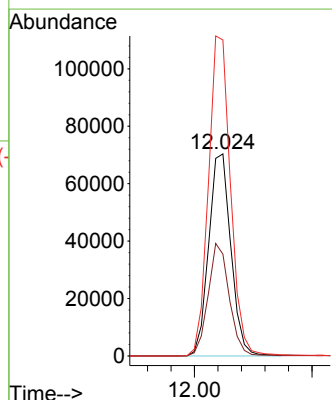
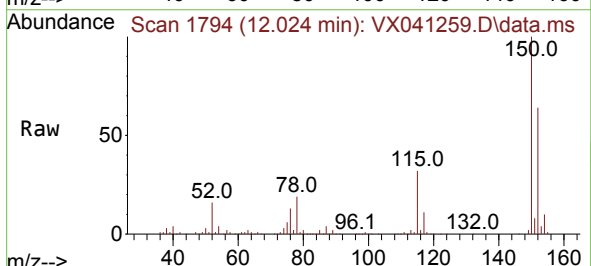
Instrument :
MSVOA_X
ClientSampleId :

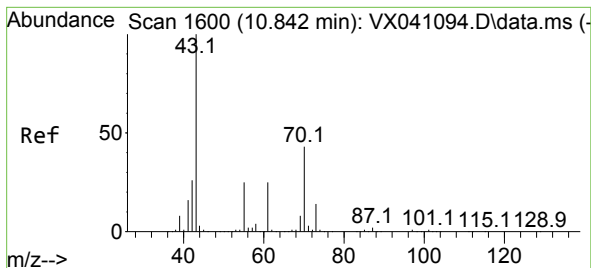
Tgt Ion:117 Resp: 190363
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041259.D
Acq: 26 Apr 2024 15:18

Tgt Ion:152 Resp: 92449
Ion Ratio Lower Upper
152 100
115 53.2 43.3 129.9
150 158.0 0.0 345.0





#74

N-amy1 acetate

Concen: 0.417 ug/l

RT: 10.817 min Scan# 1

Delta R.T. -0.025 min

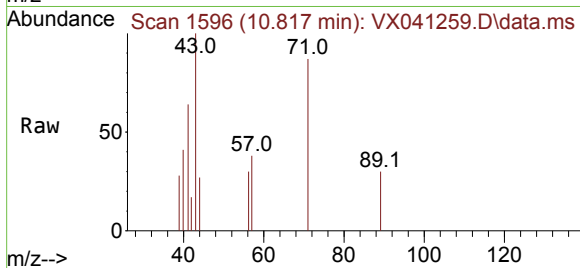
Lab File: VX041259.D

Acq: 26 Apr 2024 15:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 943

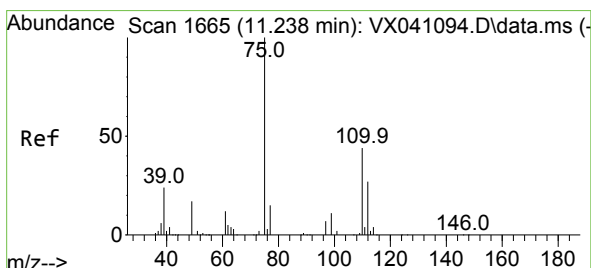
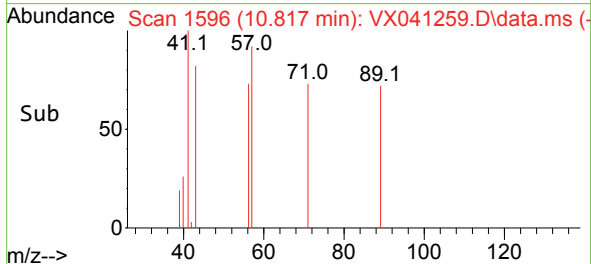
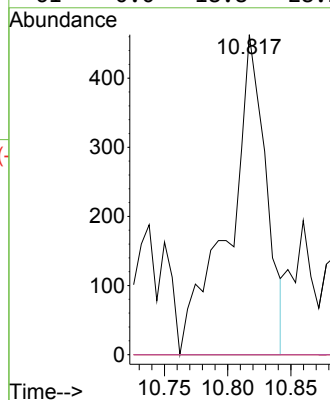
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 29.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041259.D

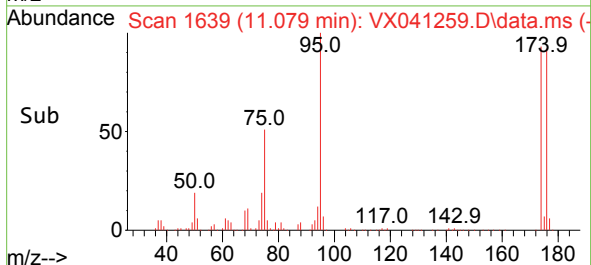
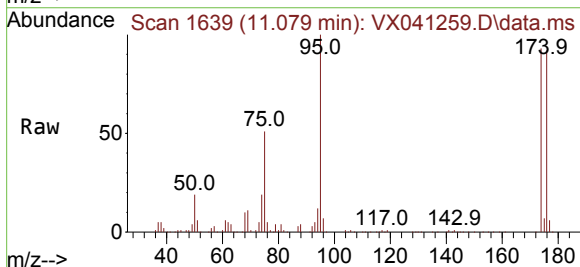
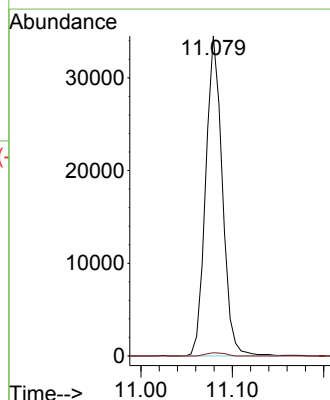
Acq: 26 Apr 2024 15:18

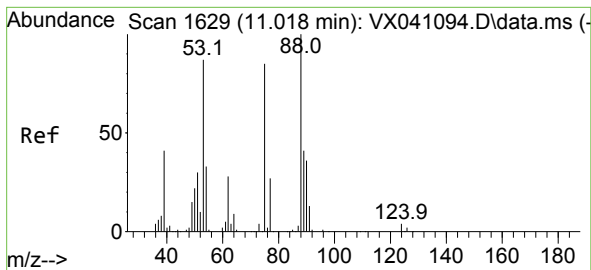
Tgt Ion: 75 Resp: 43477

Ion Ratio Lower Upper

75 100

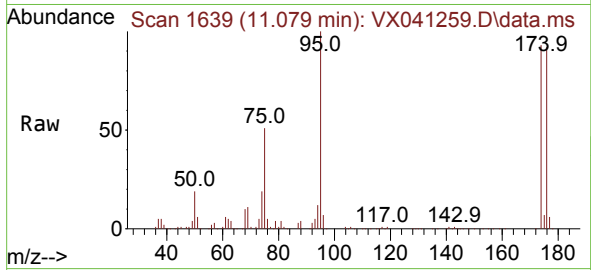
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.350 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041259.D
 Acq: 26 Apr 2024 15:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 43477
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

