

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041257.D
 Acq On : 26 Apr 2024 14:32
 Operator : JC/MD
 Sample : PB160522ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:18:05 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)

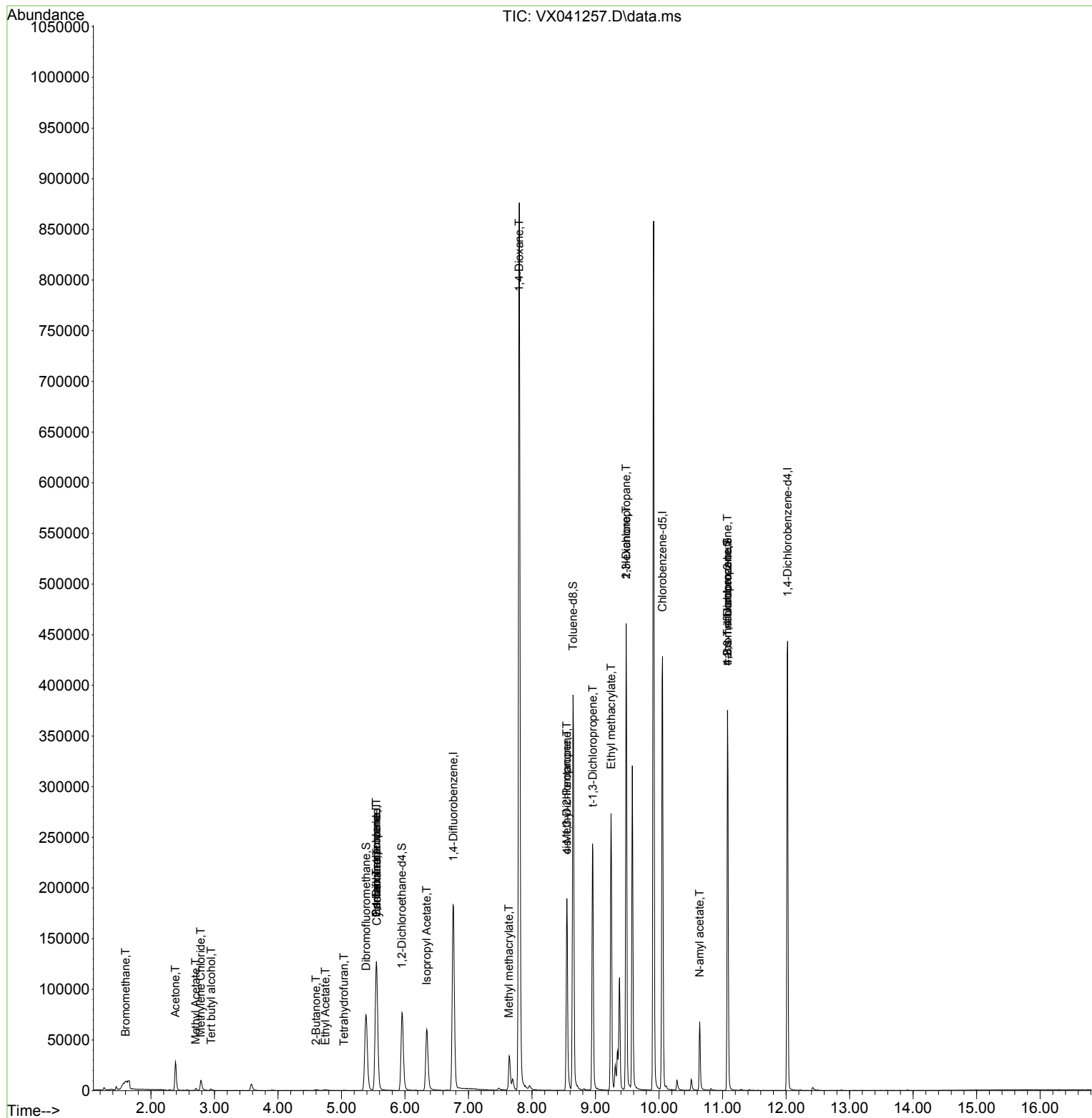
Internal Standards						
1) Pentafluorobenzene	5.550	168	136503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	202278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75447	58.063	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.120%	
35) Dibromofluoromethane	5.385	113	63287	51.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	8.647	98	235750	56.789	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.580%#	
62) 4-Bromofluorobenzene	11.079	95	89290	58.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	515	0.782	ug/l	89
11) Tert butyl alcohol	2.946	59	1218	5.232	ug/l	# 78
16) Acetone	2.386	43	30845	65.214	ug/l	98
18) Methyl Acetate	2.703	43	2426	1.734	ug/l	95
20) Methylene Chloride	2.782	84	5090	4.406	ug/l	# 85
25) 2-Butanone	4.599	43	1829	2.264	ug/l	91
29) Tetrahydrofuran	5.038	42	304	0.552	ug/l	# 39
31) Cyclohexane	5.556	56	2325	1.329	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8452	5.369	ug/l	# 52
37) Ethyl Acetate	4.745	43	2405	1.392	ug/l	# 80
38) Carbon Tetrachloride	5.550	117	11699	6.653	ug/l	# 13
43) Isopropyl Acetate	6.342	43	85691	30.797	ug/l	98
48) Methyl methacrylate	7.635	41	2679	2.036	ug/l	# 49
49) 1,4-Dioxane	7.799	88	50	1.765	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	67788	38.922	ug/l	# 50
53) t-1,3-Dichloropropene	8.958	75	535	0.340	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	29706	16.626	ug/l	# 62
56) Ethyl methacrylate	9.244	69	668	0.366	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	3849	1.945	ug/l	# 42
59) 2-Hexanone	9.482	43	55512	41.565	ug/l	# 52
74) N-amyl acetate	10.640	43	16865	6.781	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	45560	27.803	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	45560	78.442	ug/l	# 5

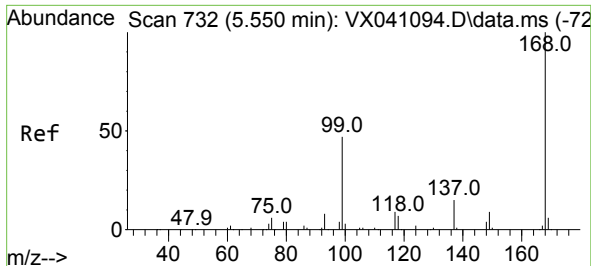
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041257.D
Acq On : 26 Apr 2024 14:32
Operator : JC/MD
Sample : PB160522ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

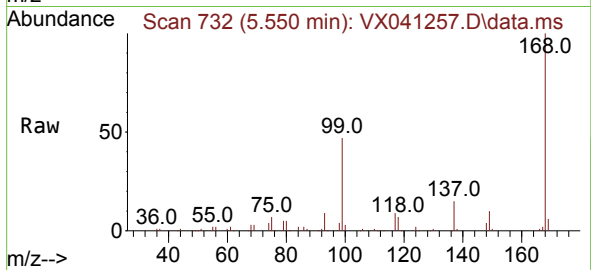
Quant Time: Apr 27 02:18:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



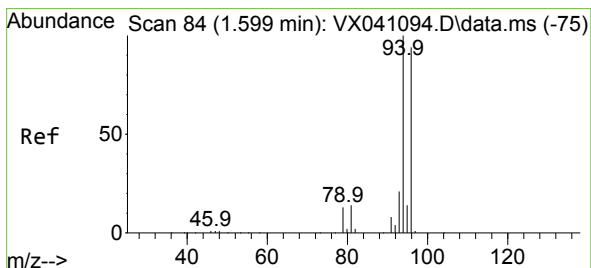
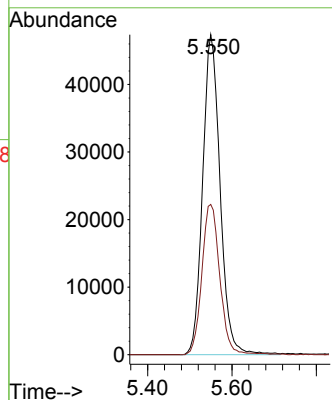
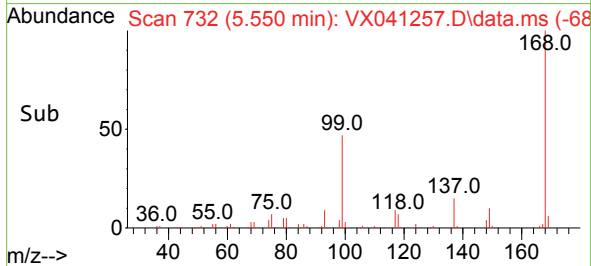


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

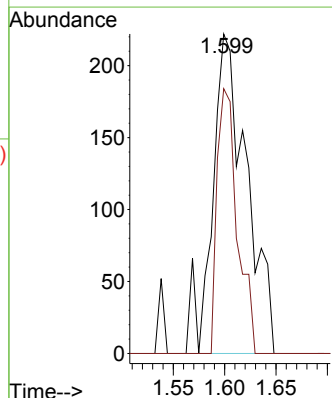
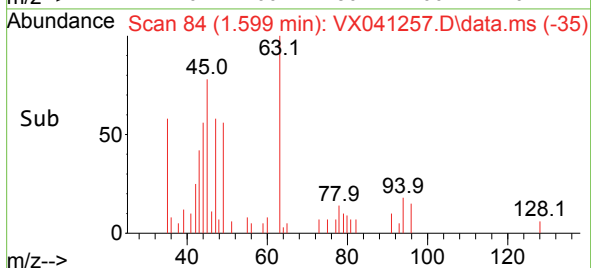
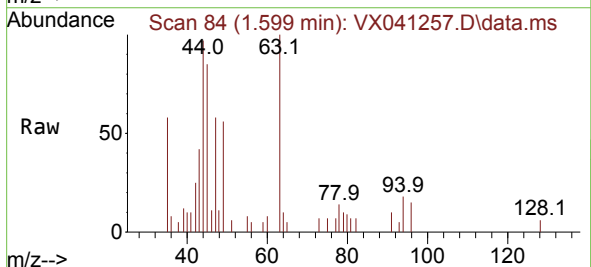


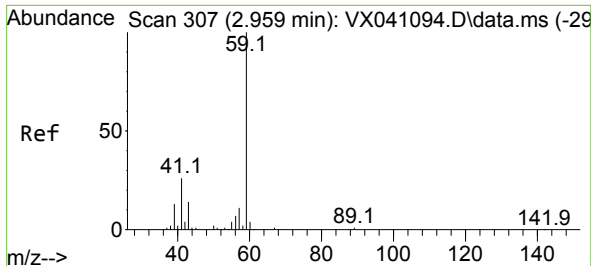
Tgt Ion:168 Resp: 136503
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#5
Bromomethane
Concen: 0.782 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 82.9 74.6 111.8





#11

Tert butyl alcohol

Concen: 5.232 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.116 min

Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_X

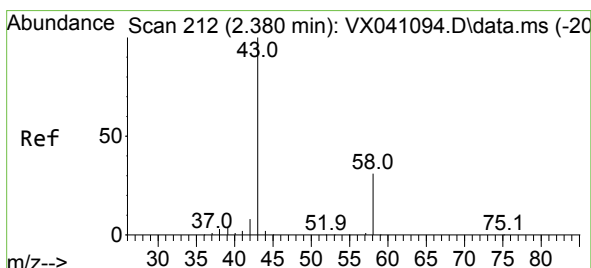
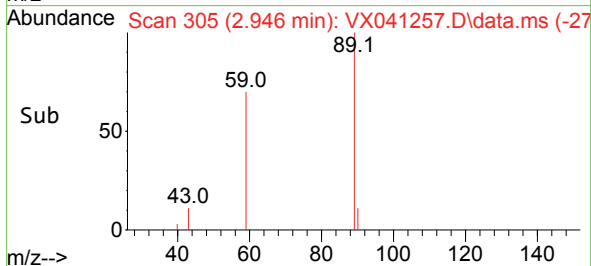
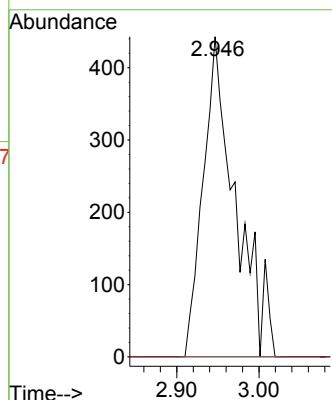
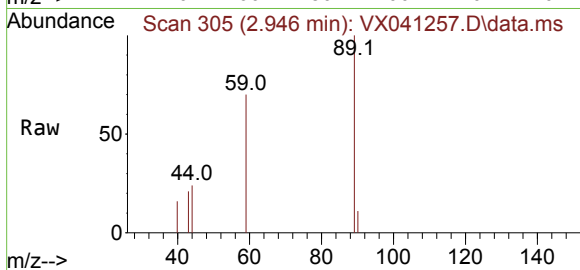
ClientSampleId :

Tgt Ion: 59 Resp: 1218

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 65.214 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX041257.D

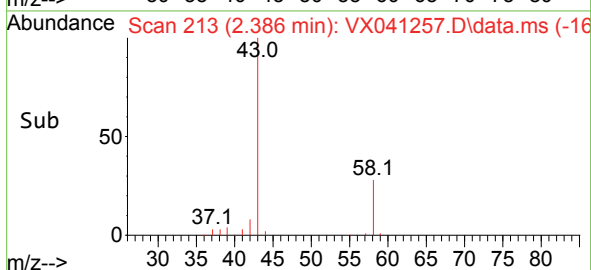
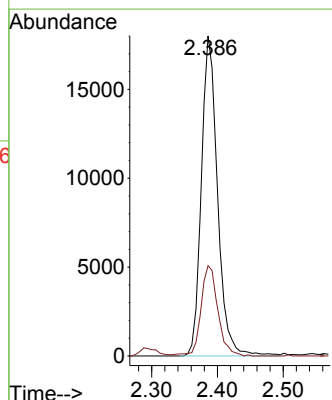
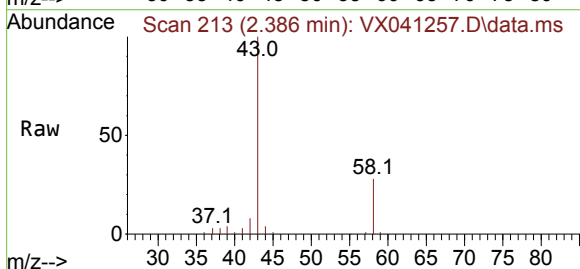
Acq: 26 Apr 2024 14:32

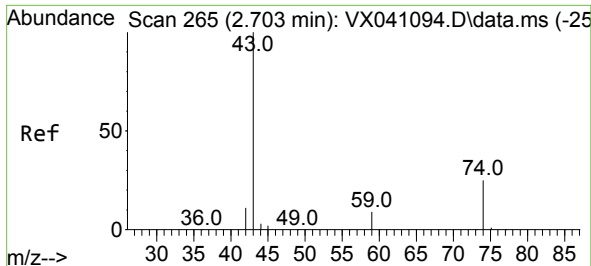
Tgt Ion: 43 Resp: 30845

Ion Ratio Lower Upper

43 100

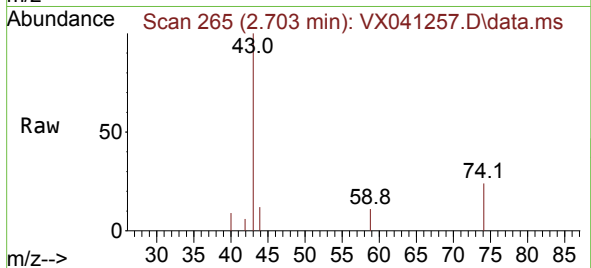
58 28.2 21.9 32.9



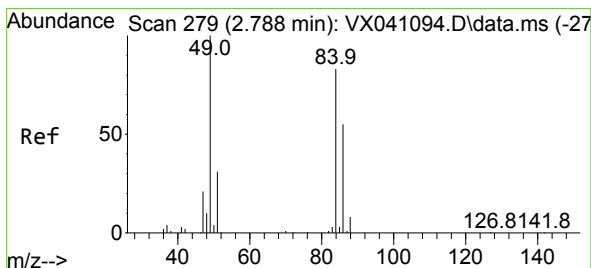
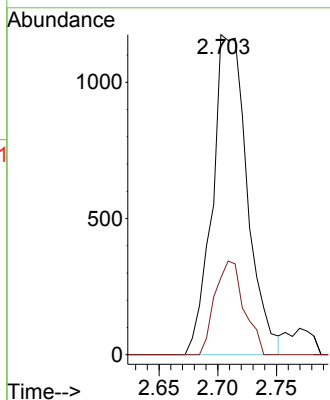
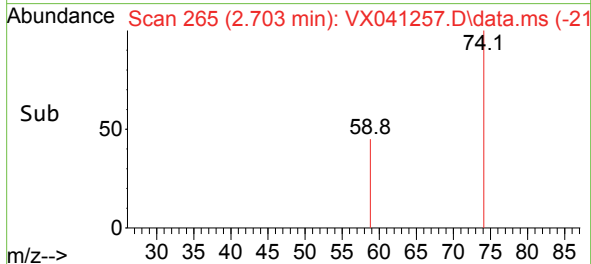


#18
Methyl Acetate
Concen: 1.734 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

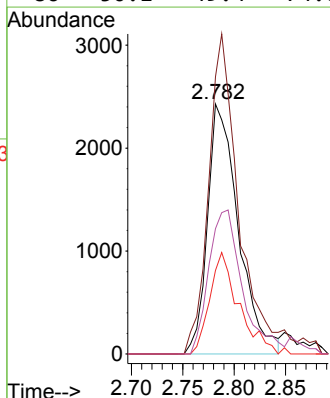
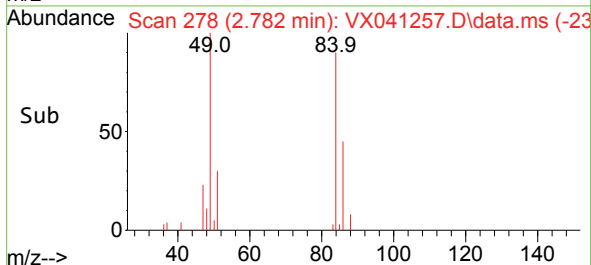
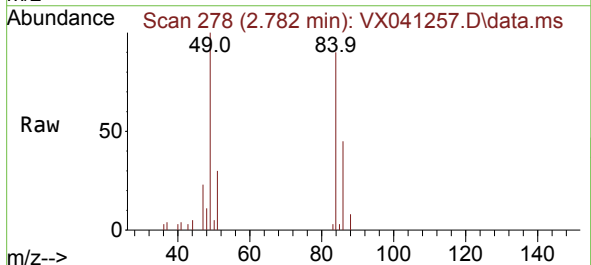


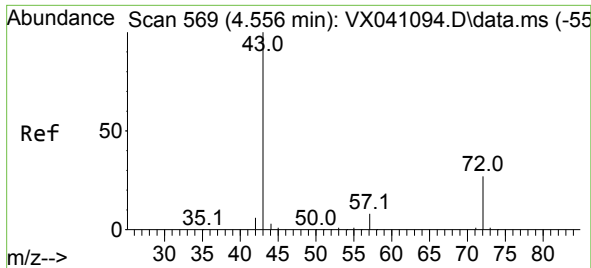
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8



#20
Methylene Chloride
Concen: 4.406 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 84 Resp: 5090
Ion Ratio Lower Upper
84 100
49 110.9 103.6 155.4
51 33.4 33.8 50.6#
86 50.1 49.4 74.0

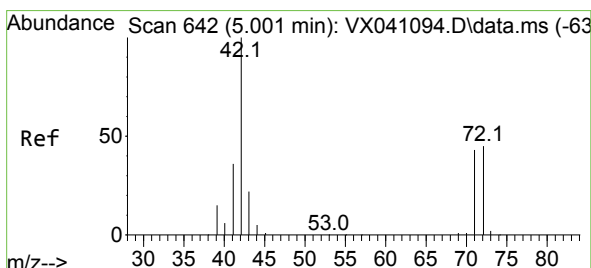
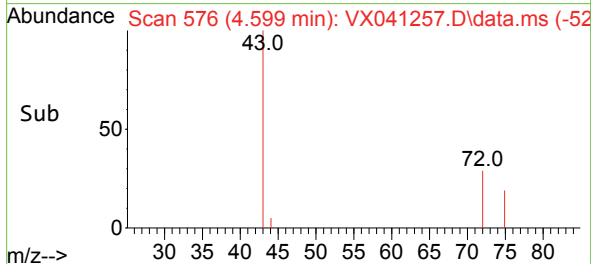
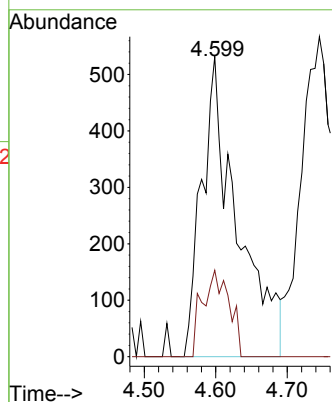
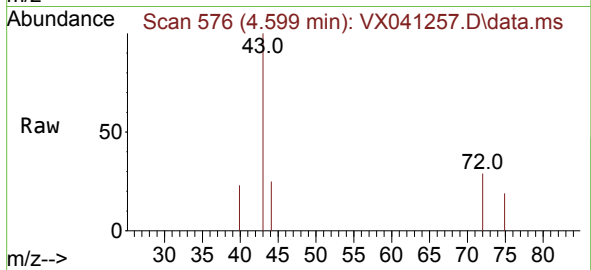




#25
2-Butanone
Concen: 2.264 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

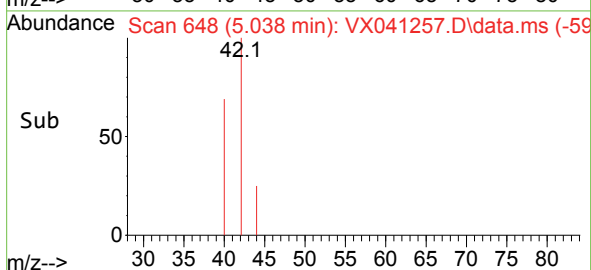
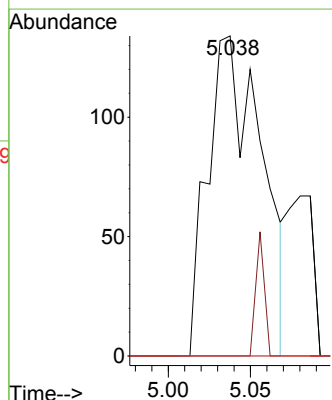
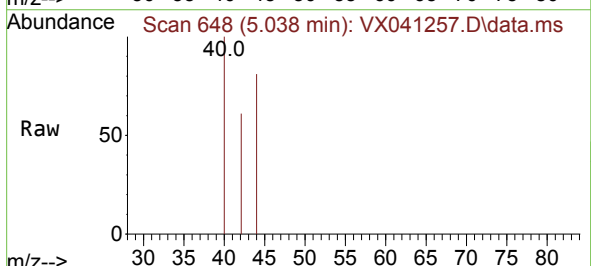
Instrument :
MSVOA_X
ClientSampleId :

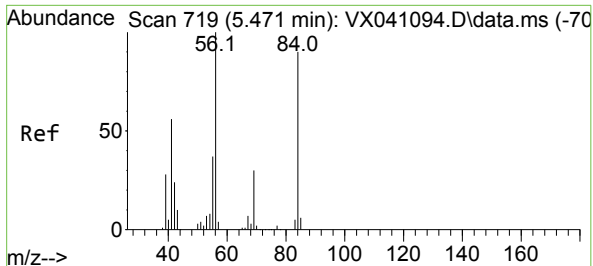
Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
72 28.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.552 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

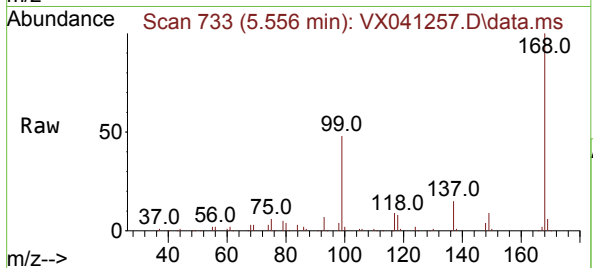
Tgt Ion: 42 Resp: 304
Ion Ratio Lower Upper
42 100
72 6.3 34.2 51.4#
71 0.0 32.2 48.2#



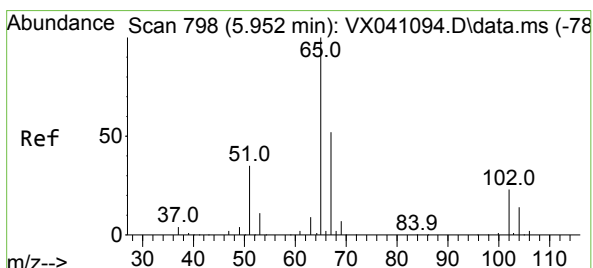
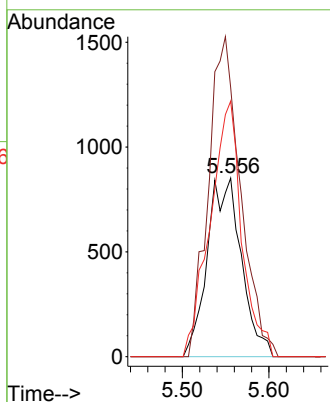
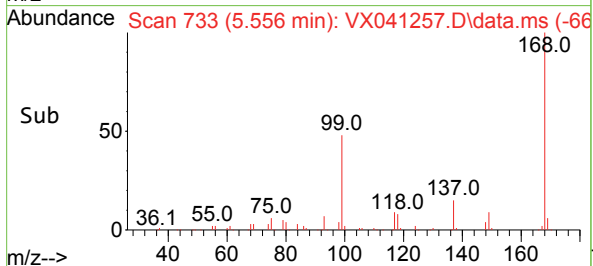


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

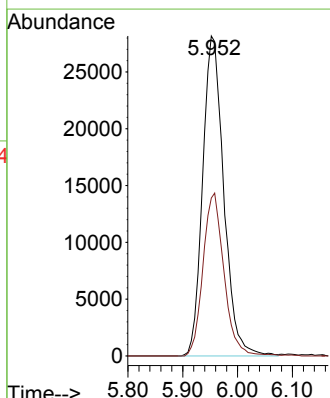
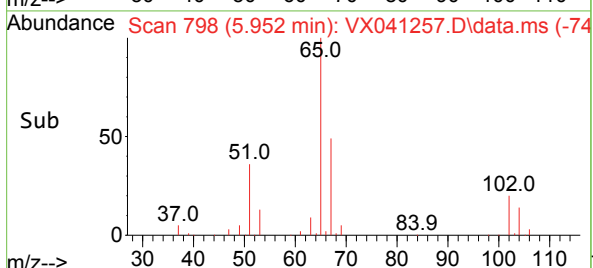
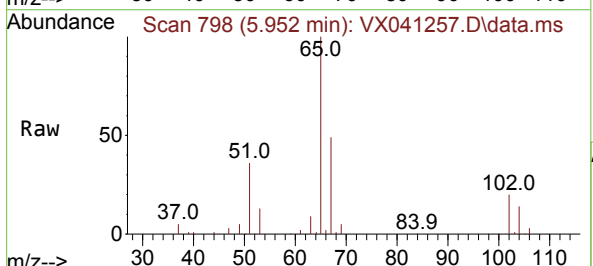


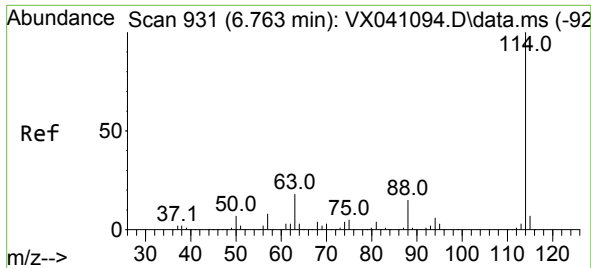
Tgt Ion: 56 Resp: 2325
Ion Ratio Lower Upper
56 100
69 150.7 23.4 35.2#
84 143.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 58.063 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 65 Resp: 75447
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

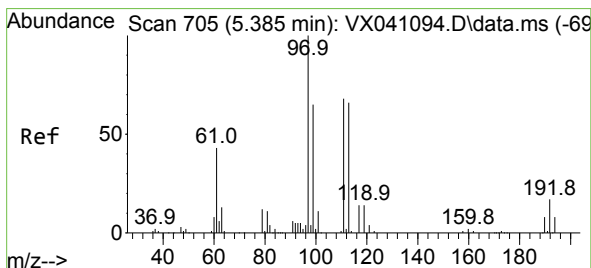
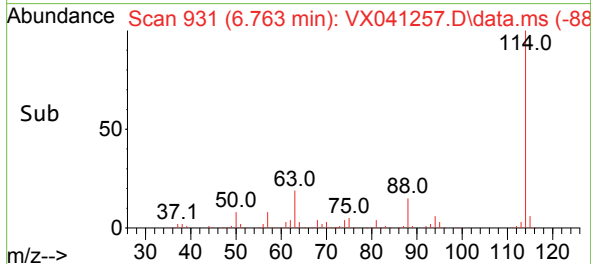
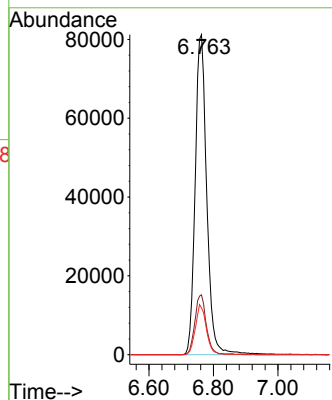
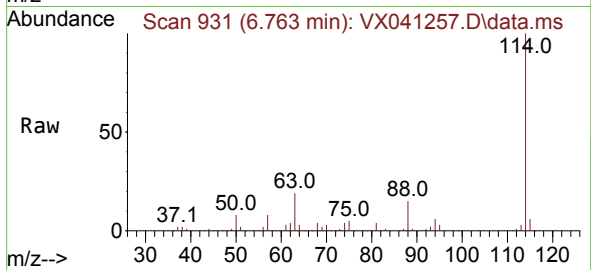




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

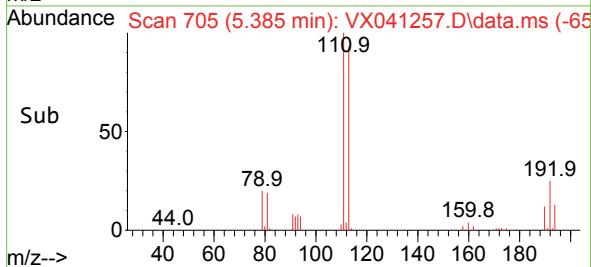
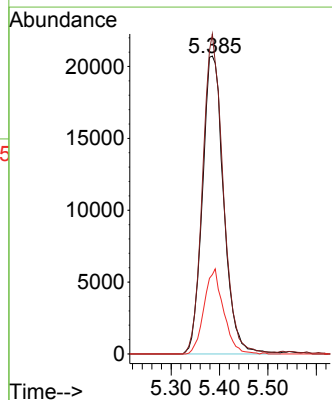
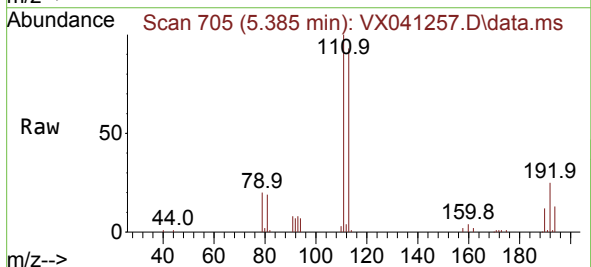
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MSVOA_X
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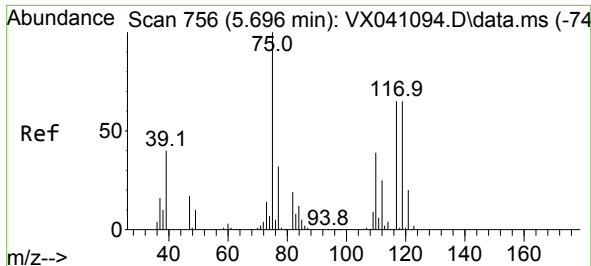
Tgt Ion:114 Resp: 202278
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

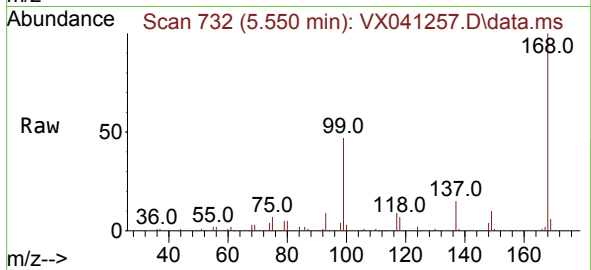
Tgt Ion:113 Resp: 63287
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 26.1 13.3 19.9#



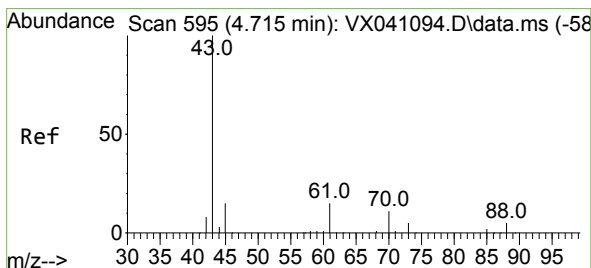
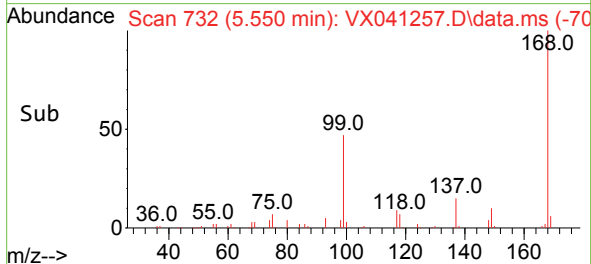
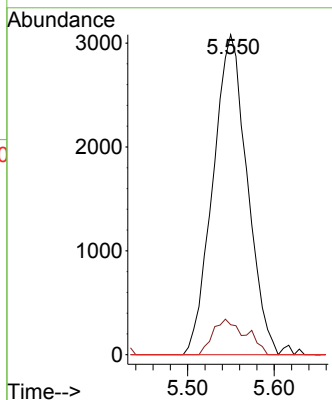


#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

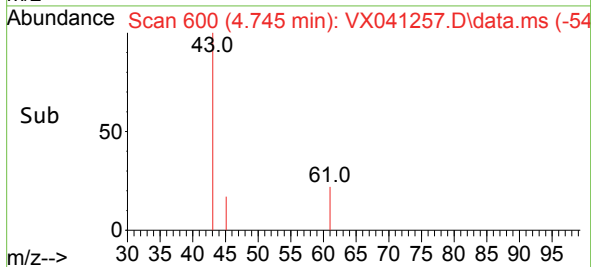
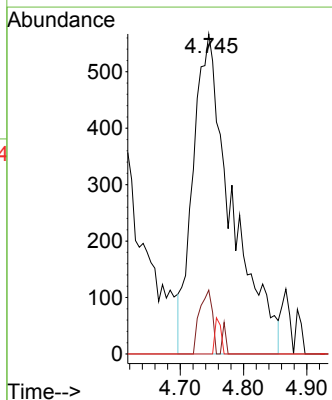
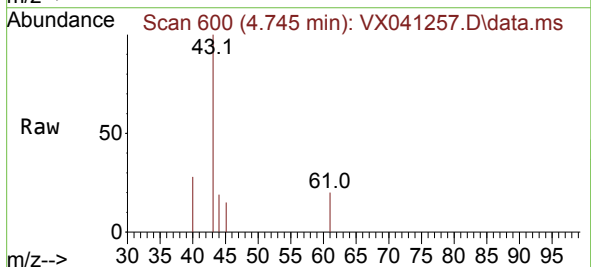


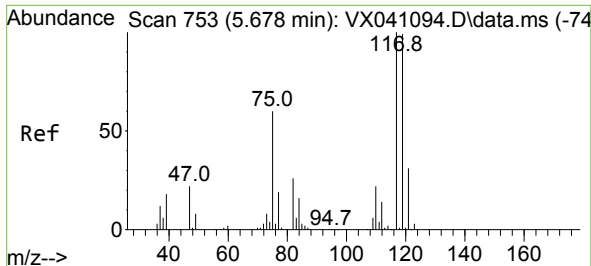
Tgt Ion: 75 Resp: 8452
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.392 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

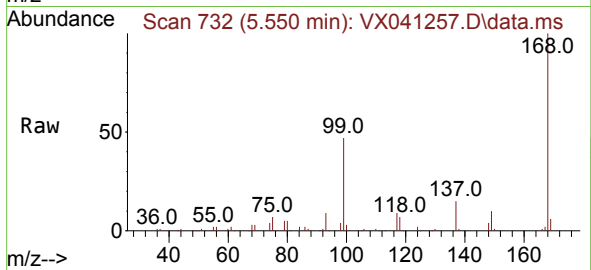
Tgt Ion: 43 Resp: 2405
Ion Ratio Lower Upper
43 100
61 6.6 10.6 16.0#
70 1.7 8.3 12.5#



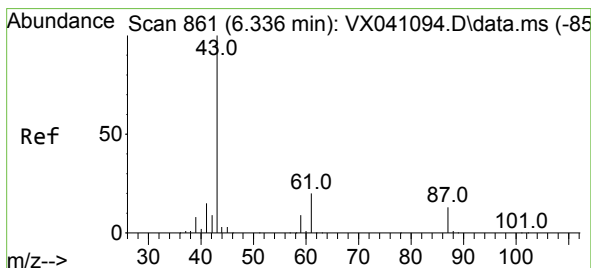
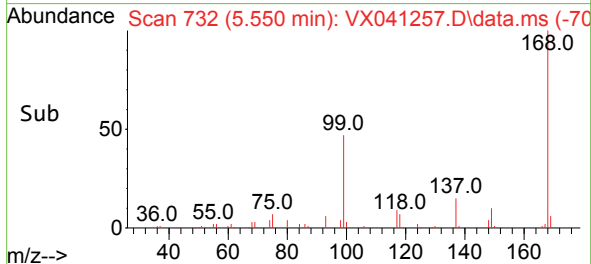
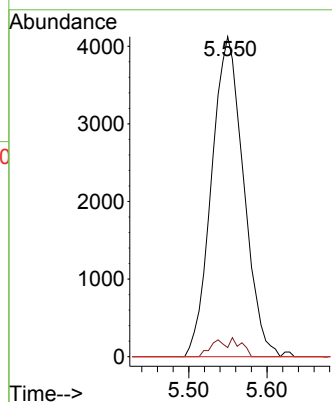


#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

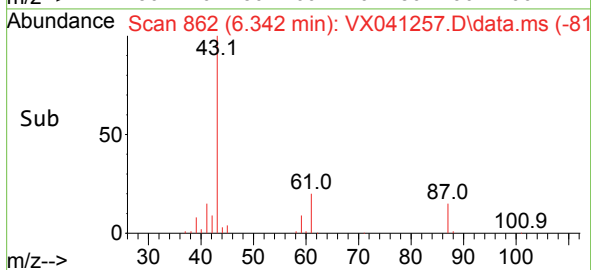
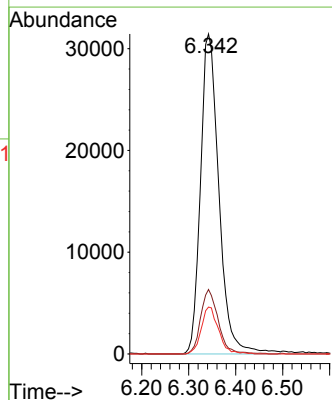
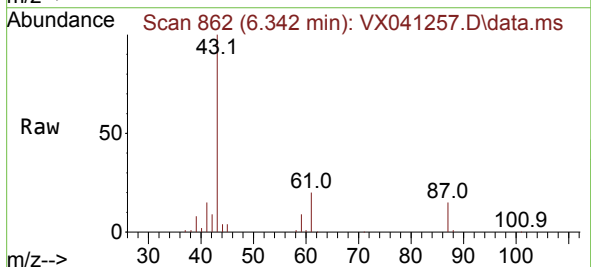


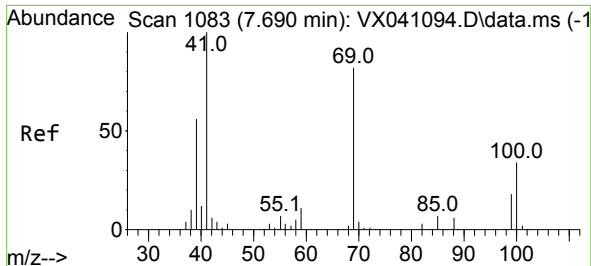
Tgt Ion:117 Resp: 11699
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 30.797 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 43 Resp: 85691
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 13.7 9.8 14.6





#48

Methyl methacrylate

Concen: 2.036 ug/l

RT: 7.635 min Scan# 1100

Delta R.T. -0.061 min

Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :

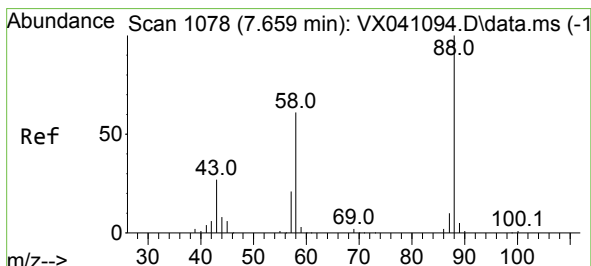
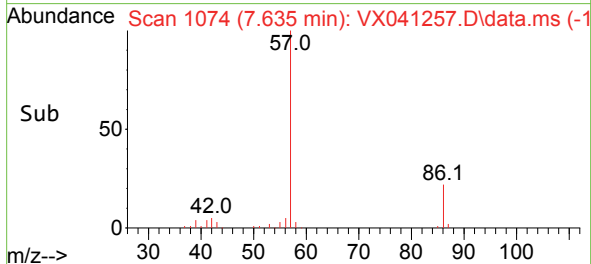
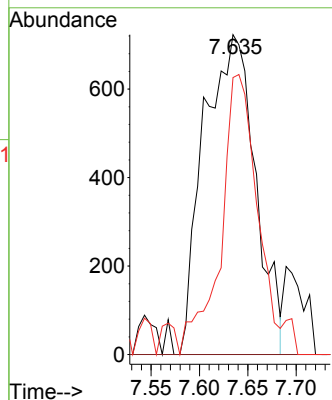
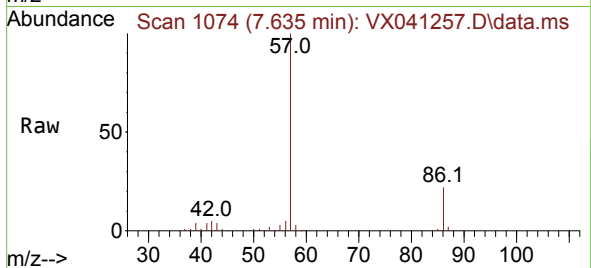
Tgt Ion: 41 Resp: 2679

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 63.7 47.7 71.5



#49

1,4-Dioxane

Concen: 1.765 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.122 min

Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

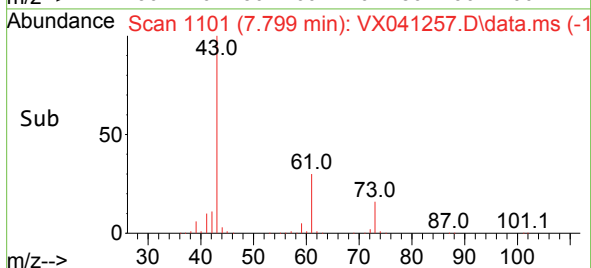
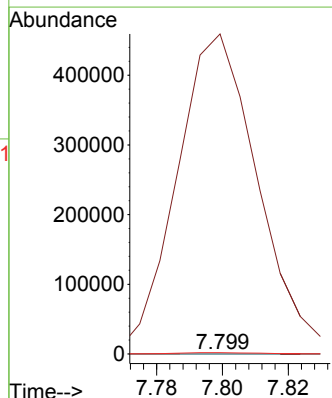
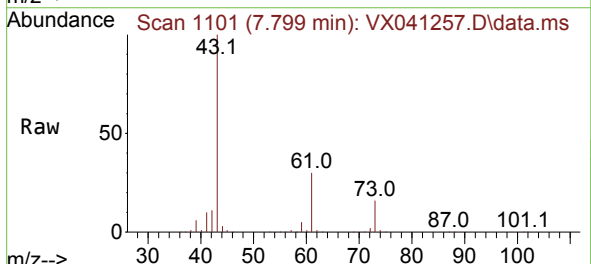
Tgt Ion: 88 Resp: 50

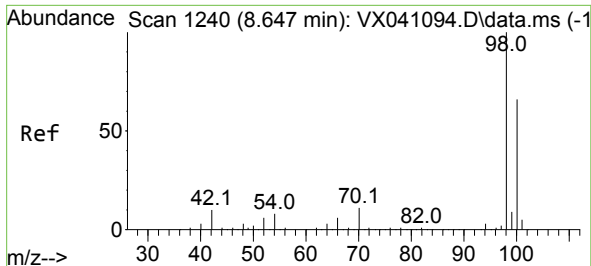
Ion Ratio Lower Upper

88 100

43 1613132.0 0.0 0.0#

58 7046.0 60.1 90.1#

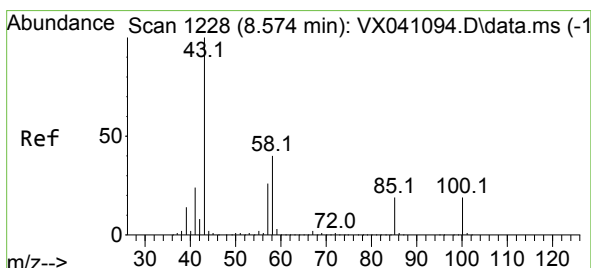
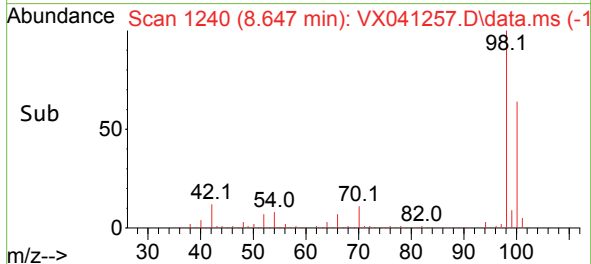
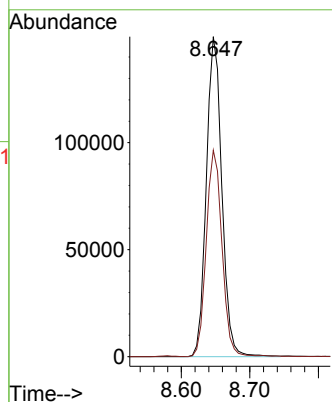
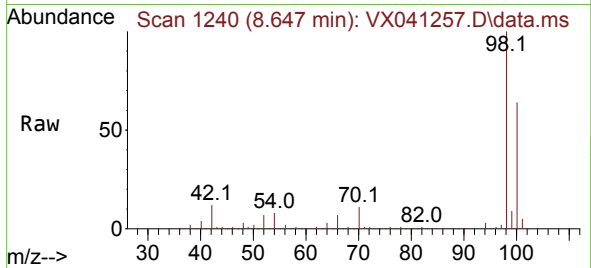




#50
Toluene-d8
Concen: 56.789 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

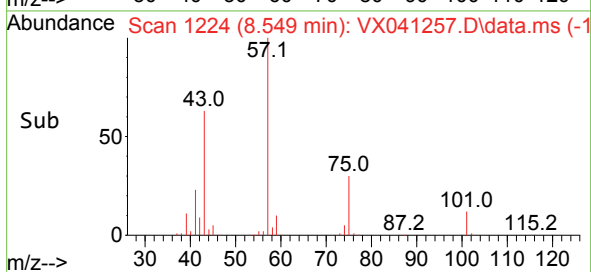
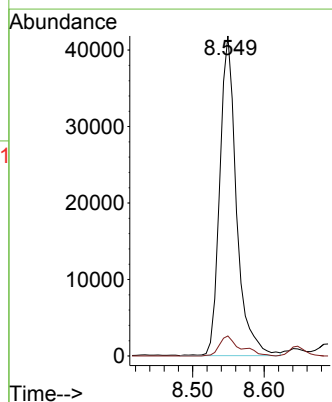
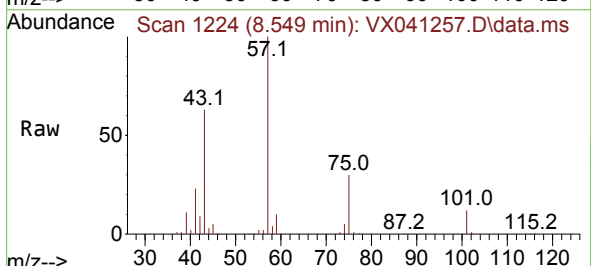
Instrument :
MSVOA_X
ClientSampleId :

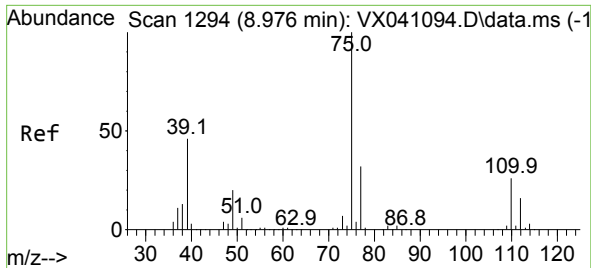
Tgt Ion: 98 Resp: 235750
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 38.922 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 43 Resp: 67788
Ion Ratio Lower Upper
43 100
58 7.8 30.4 45.6#

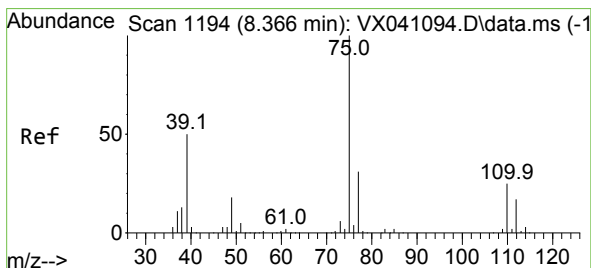
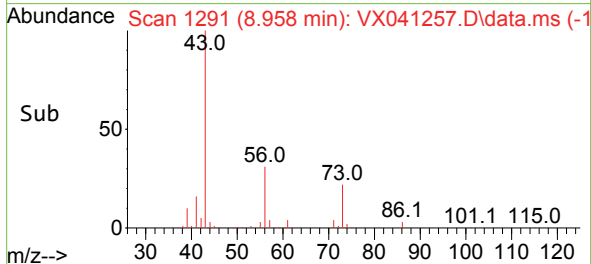
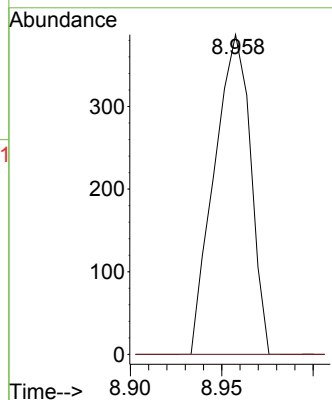
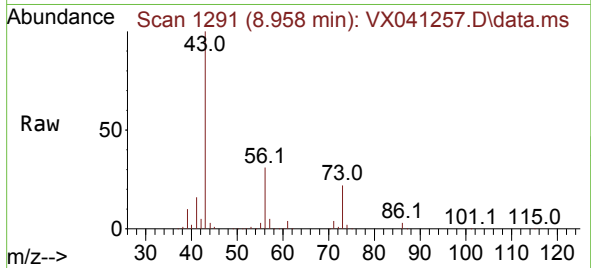




#53
 t-1,3-Dichloropropene
 Concen: 0.340 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX041257.D
 Acq: 26 Apr 2024 14:32

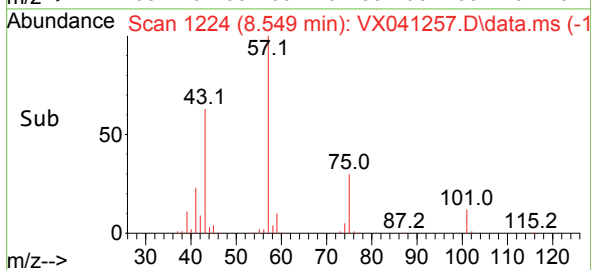
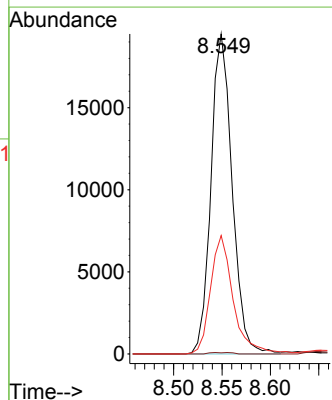
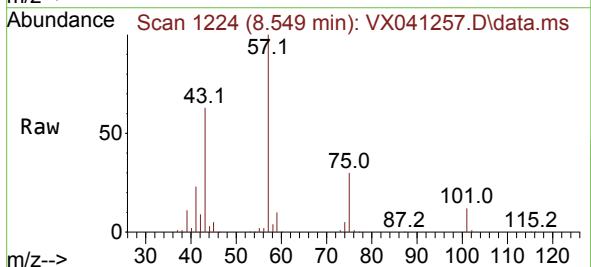
Instrument :
 MSVOA_X
 ClientSampleId :

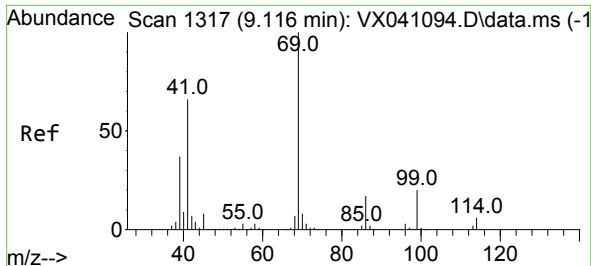
Tgt Ion: 75 Resp: 535
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 16.626 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041257.D
 Acq: 26 Apr 2024 14:32

Tgt Ion: 75 Resp: 29706
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 37.0 46.7 70.1#





#56

Ethyl methacrylate

Concen: 0.366 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.122 min

Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

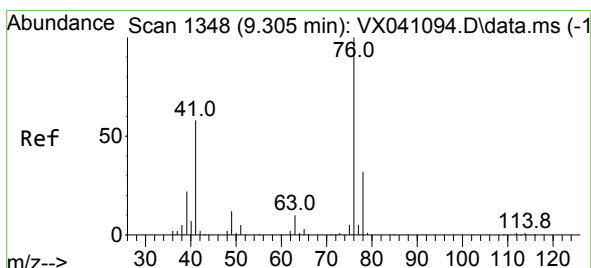
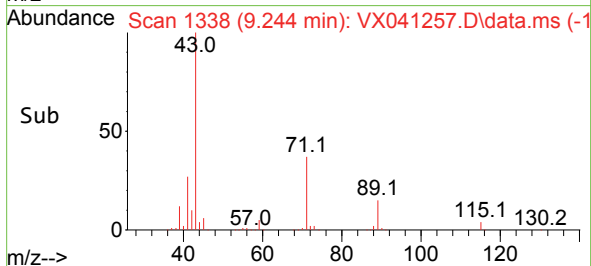
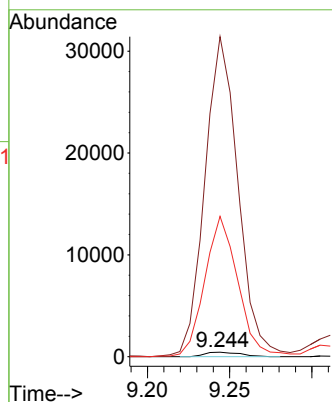
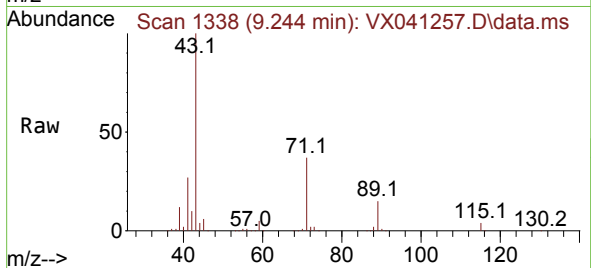
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69 Resp: 668

Ion	Ratio	Lower	Upper
69	100		
41	6622.2	56.8	85.2#
39	2892.4	32.0	48.0#



#57

1,3-Dichloropropane

Concen: 1.945 ug/l

RT: 9.482 min Scan# 1377

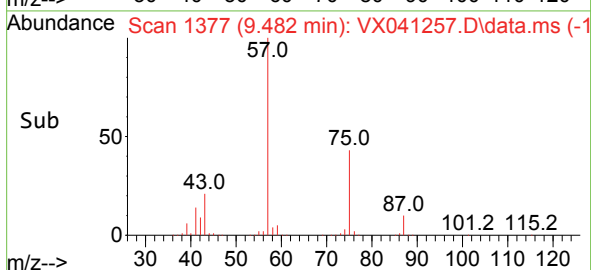
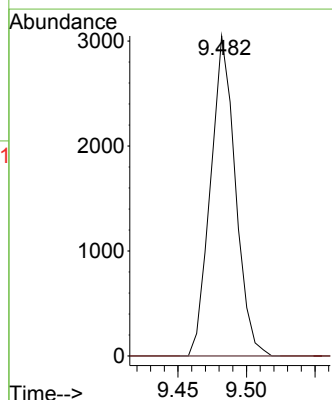
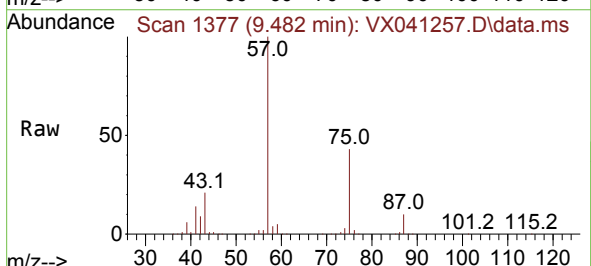
Delta R.T. 0.171 min

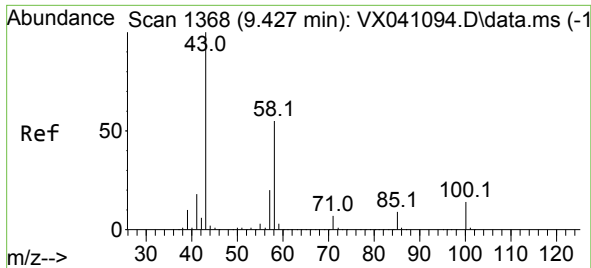
Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

Tgt Ion: 76 Resp: 3849

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

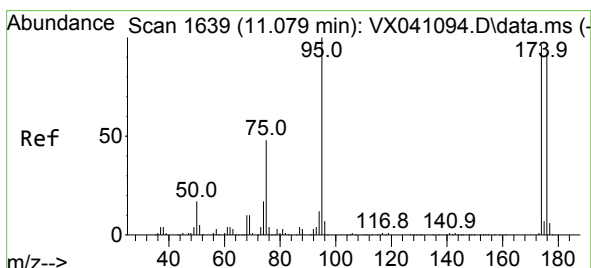
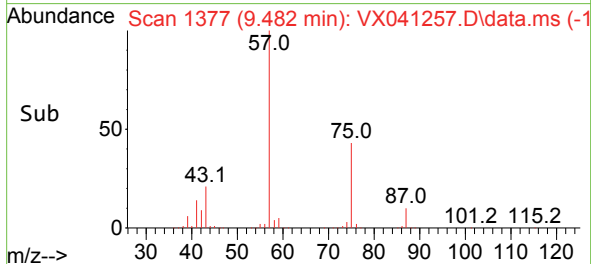
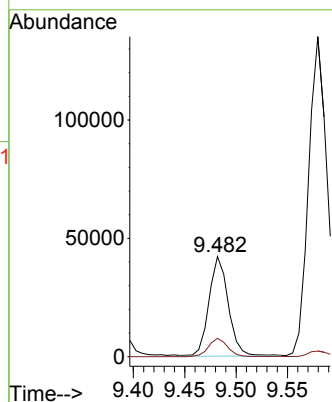
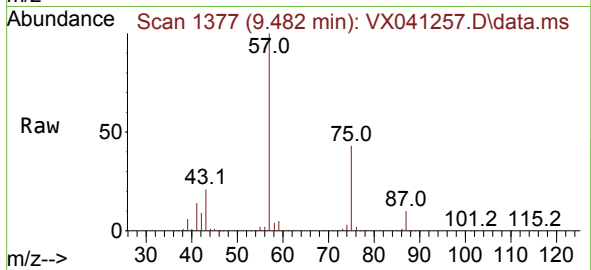




#59
2-Hexanone
Concen: 41.565 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

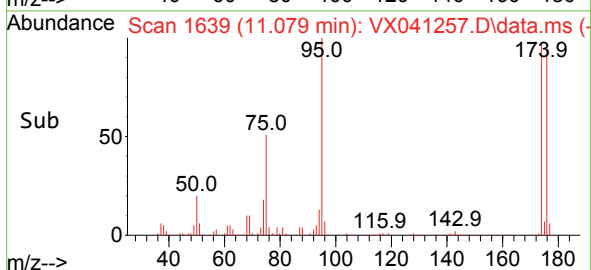
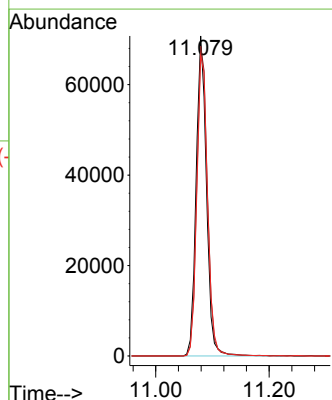
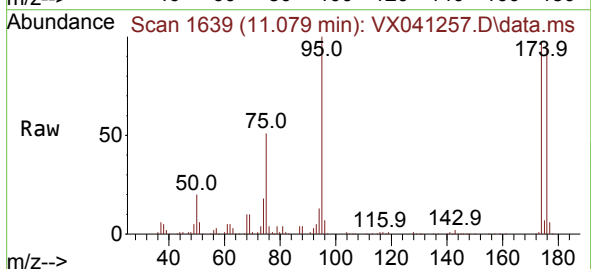
Instrument :
MSVOA_X
ClientSampleId :

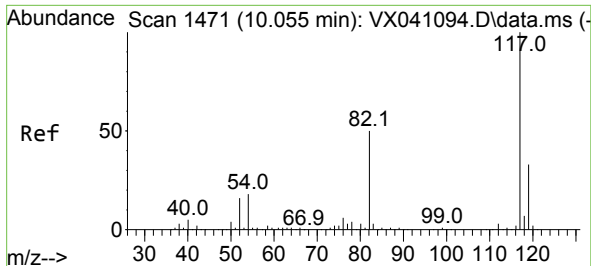
Tgt Ion: 43 Resp: 55512
Ion Ratio Lower Upper
43 100
58 18.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 58.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion: 95 Resp: 89290
Ion Ratio Lower Upper
95 100
174 100.6 0.0 135.6
176 98.0 0.0 131.0

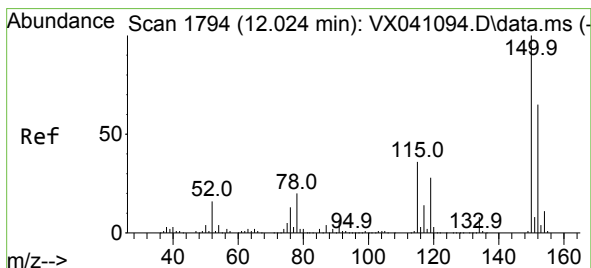
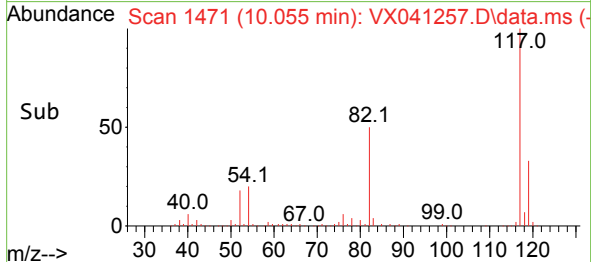
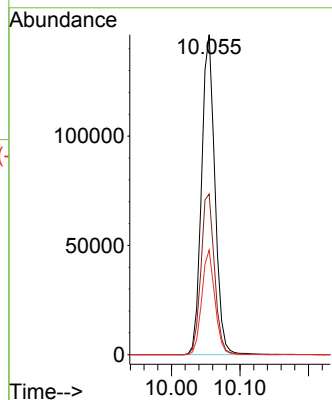
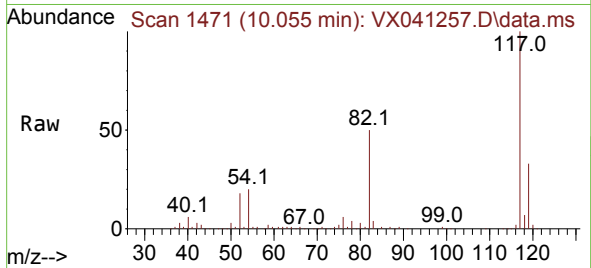




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

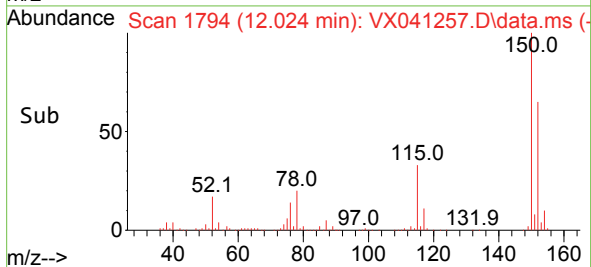
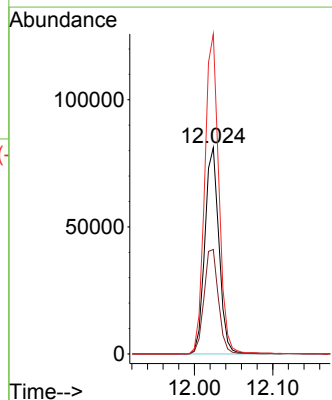
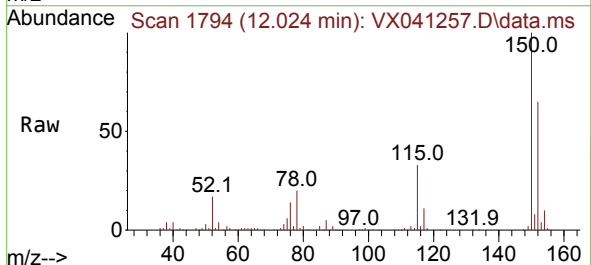
Instrument :
MSVOA_X
ClientSampleId :

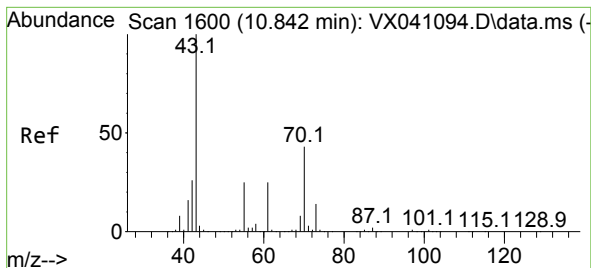
Tgt Ion:117 Resp: 198749
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041257.D
Acq: 26 Apr 2024 14:32

Tgt Ion:152 Resp: 101705
Ion Ratio Lower Upper
152 100
115 51.8 43.3 129.9
150 155.5 0.0 345.0





#74

N-amy1 acetate

Concen: 6.781 ug/l

RT: 10.640 min Scan# 1639

Delta R.T. -0.201 min

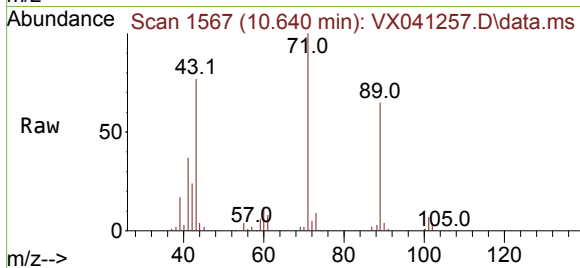
Lab File: VX041257.D

Acq: 26 Apr 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 16865

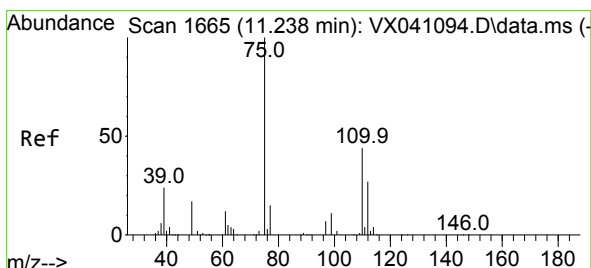
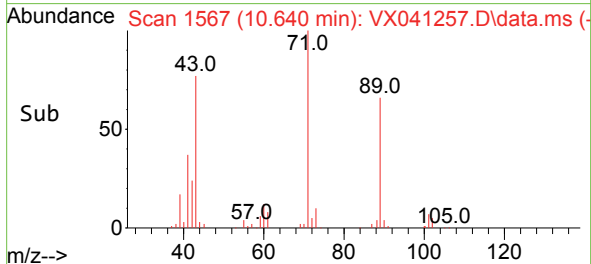
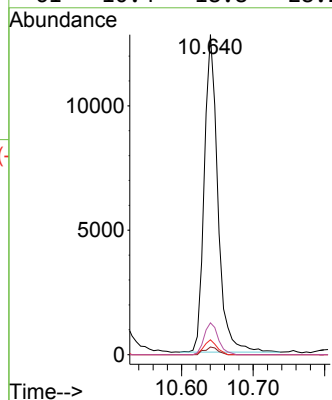
Ion Ratio Lower Upper

43 100

70 2.4 32.9 49.3#

55 4.4 19.3 28.9#

61 10.4 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 27.803 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041257.D

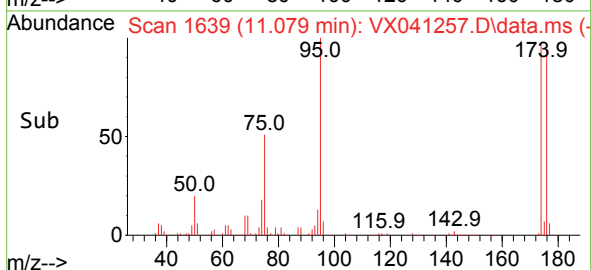
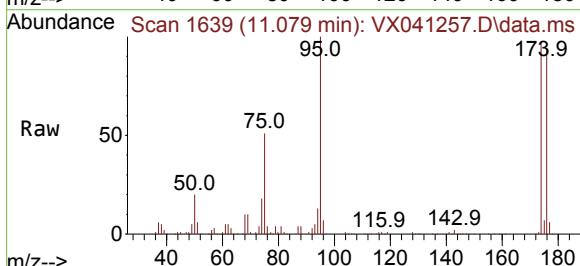
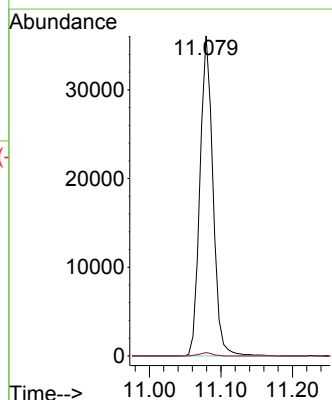
Acq: 26 Apr 2024 14:32

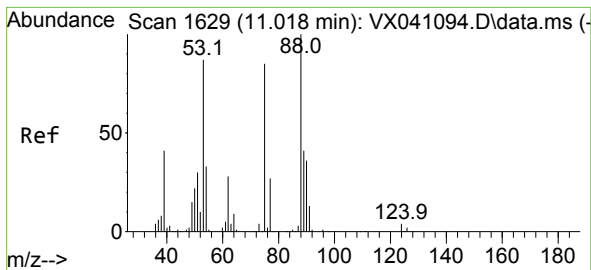
Tgt Ion: 75 Resp: 45560

Ion Ratio Lower Upper

75 100

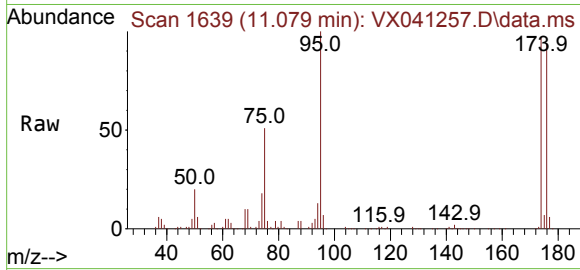
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.442 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041257.D
 Acq: 26 Apr 2024 14:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45560
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

