

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041258.D
 Acq On : 26 Apr 2024 14:55
 Operator : JC/MD
 Sample : PB160522ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:18:31 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)

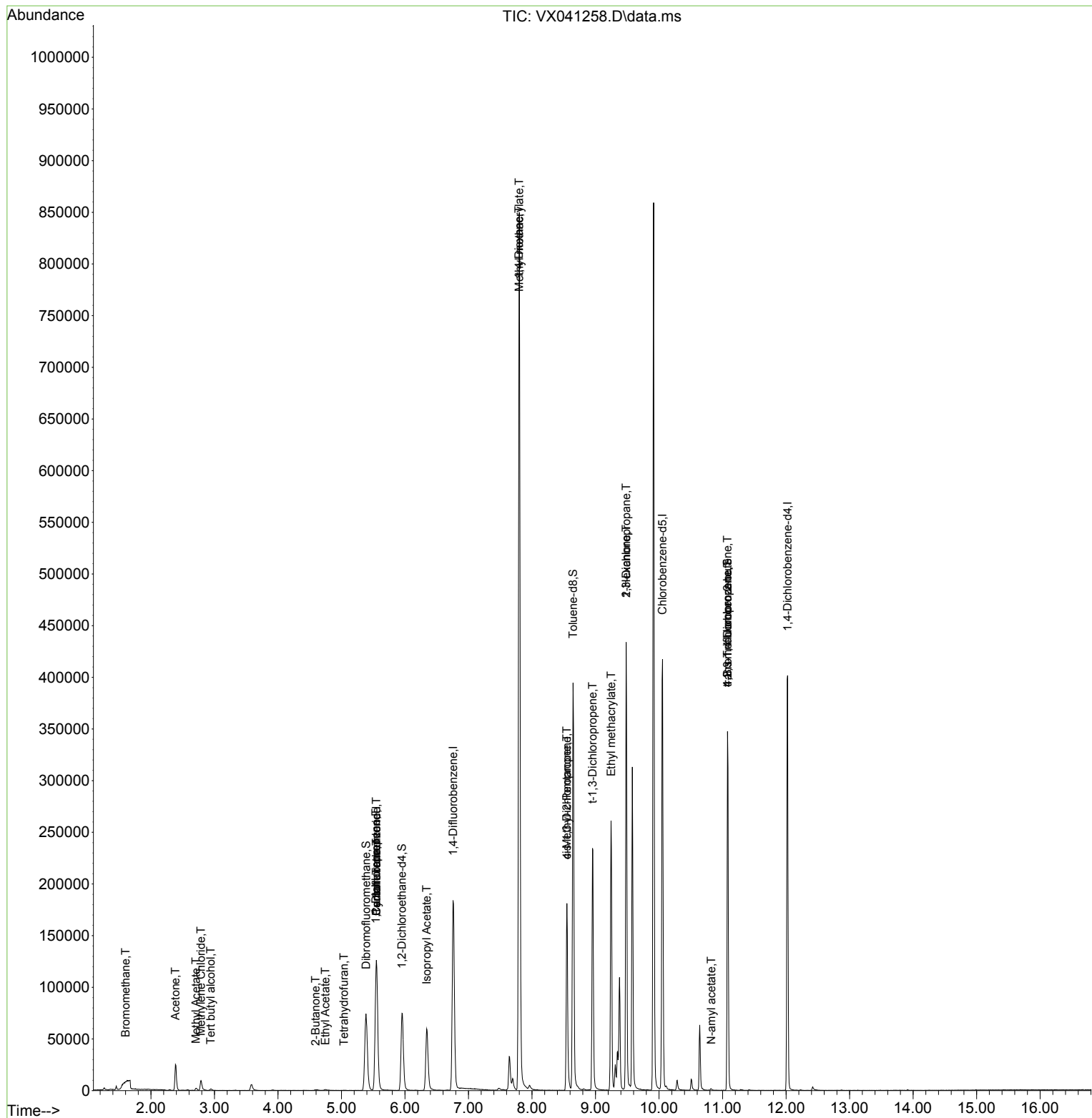
Internal Standards						
1) Pentafluorobenzene	5.550	168	135991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	197987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73603	56.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.720%			
35) Dibromofluoromethane	5.385	113	63373	52.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	235594	57.981	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.960%#			
62) 4-Bromofluorobenzene	11.079	95	85118	56.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.500%			
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	499	0.761	ug/l	# 79
11) Tert butyl alcohol	2.940	59	913	3.937	ug/l	# 78
16) Acetone	2.386	43	28372	60.212	ug/l	97
18) Methyl Acetate	2.709	43	3034	2.177	ug/l	99
20) Methylene Chloride	2.788	84	5275	4.584	ug/l	94
25) 2-Butanone	4.593	43	1063	1.321	ug/l	94
29) Tetrahydrofuran	5.038	42	148	0.270	ug/l	# 34
31) Cyclohexane	5.550	56	2443	1.402	ug/l	# 42
36) 1,1-Dichloropropene	5.544	75	8458	5.489	ug/l	# 51
37) Ethyl Acetate	4.745	43	1358	0.803	ug/l	# 78
38) Carbon Tetrachloride	5.550	117	11834	6.876	ug/l	# 15
43) Isopropyl Acetate	6.342	43	83277	30.578	ug/l	98
48) Methyl methacrylate	7.799	41	76669	59.518	ug/l	# 49
49) 1,4-Dioxane	7.793	88	121	4.364	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	65521	38.435	ug/l	# 50
53) t-1,3-Dichloropropene	8.952	75	490	0.319	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	29573	16.910	ug/l	# 58
56) Ethyl methacrylate	9.244	69	634	0.354	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	3876	2.001	ug/l	# 42
59) 2-Hexanone	9.482	43	52860	40.437	ug/l	# 52
74) N-amyl acetate	10.823	43	492	0.215	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	43050	28.533	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43050	80.502	ug/l	# 5

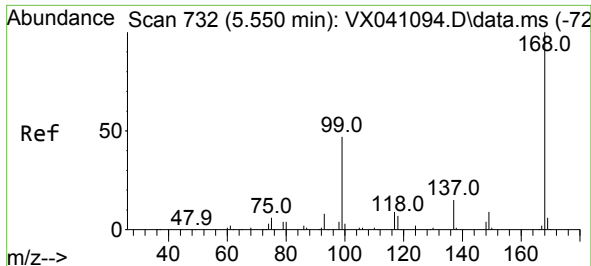
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041258.D
Acq On : 26 Apr 2024 14:55
Operator : JC/MD
Sample : PB160522ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

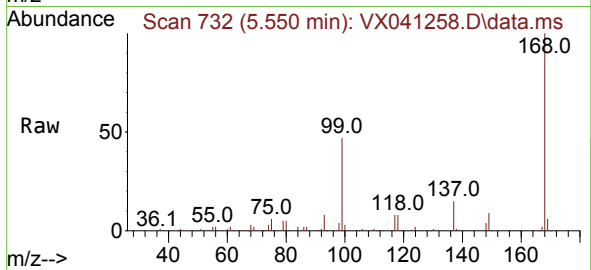
Quant Time: Apr 27 02:18:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



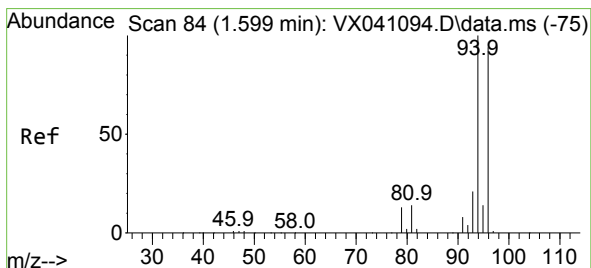
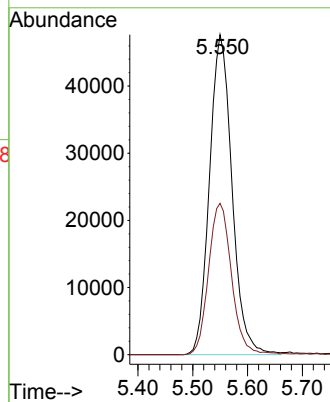
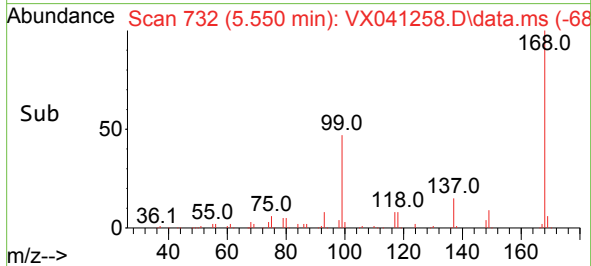


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

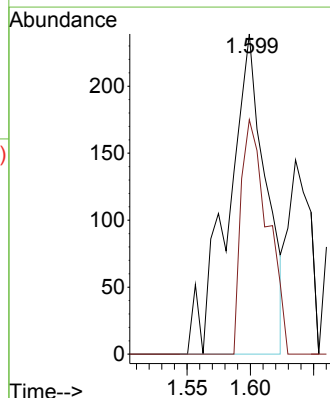
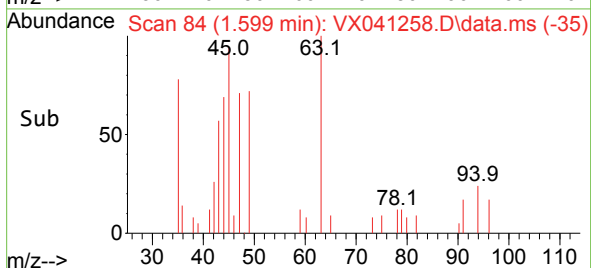
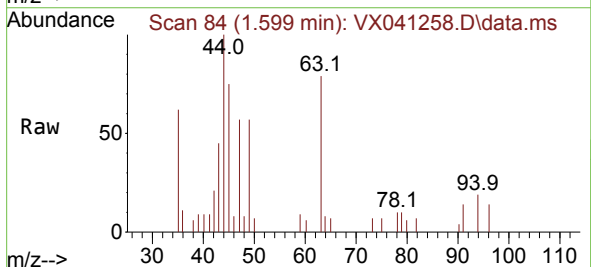


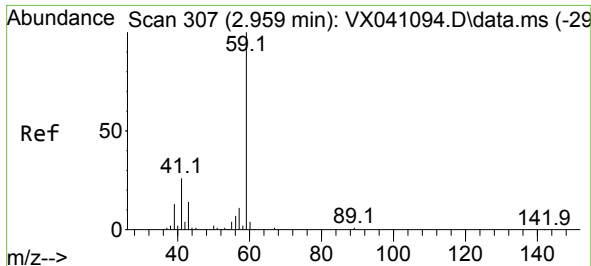
Tgt Ion:168 Resp: 135991
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#5
Bromomethane
Concen: 0.761 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 73.2 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.937 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.122 min

Lab File: VX041258.D

Acq: 26 Apr 2024 14:55

Instrument :

MSVOA_X

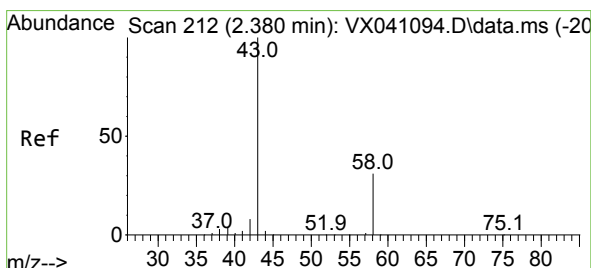
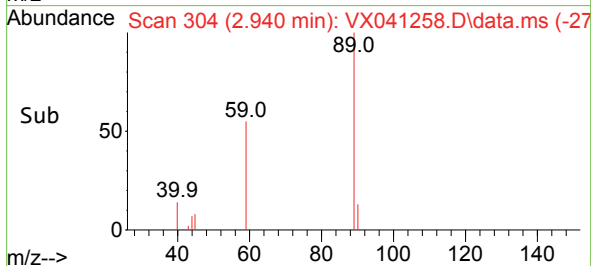
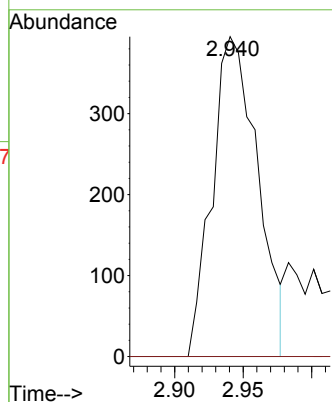
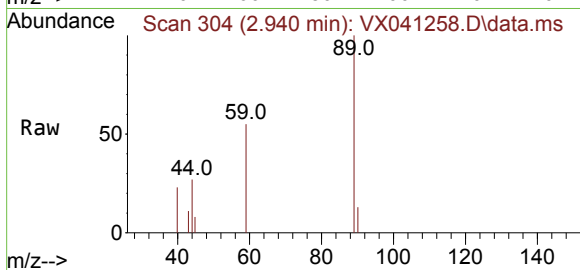
ClientSampleId :

Tgt Ion: 59 Resp: 913

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 60.212 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX041258.D

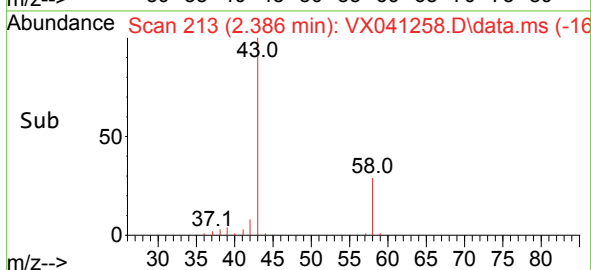
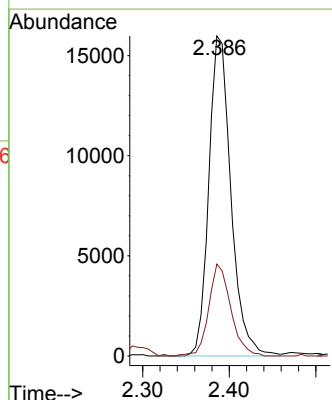
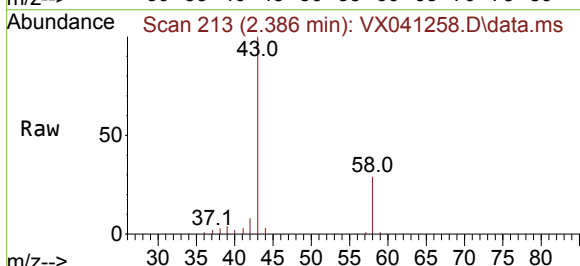
Acq: 26 Apr 2024 14:55

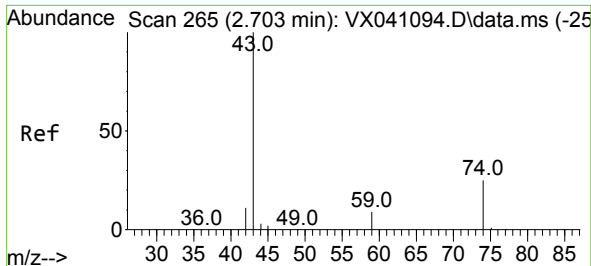
Tgt Ion: 43 Resp: 28372

Ion Ratio Lower Upper

43 100

58 28.7 21.9 32.9

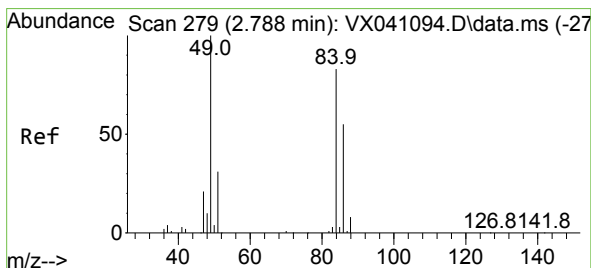
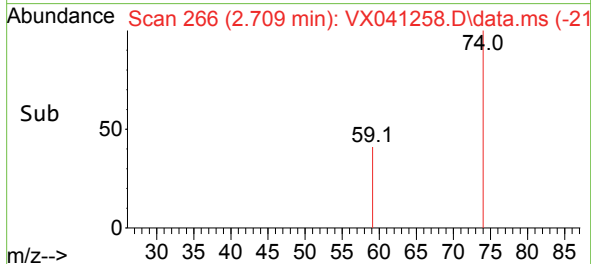
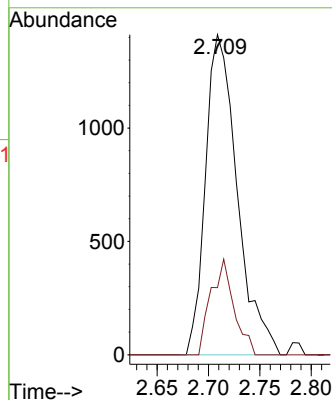
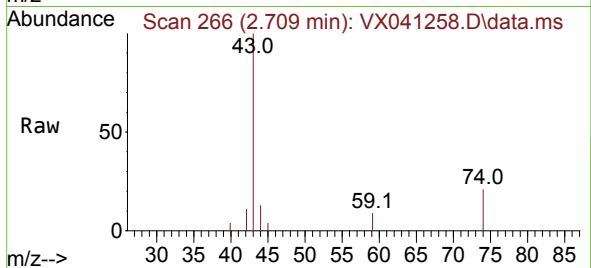




#18
Methyl Acetate
Concen: 2.177 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

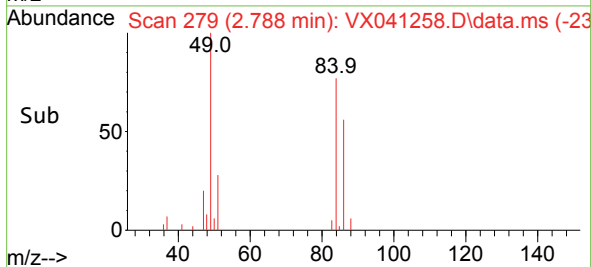
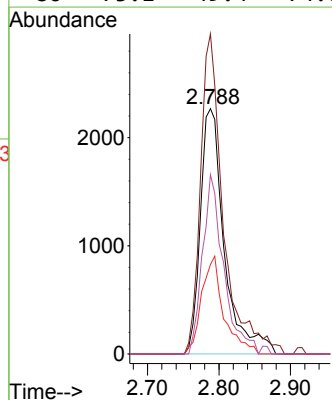
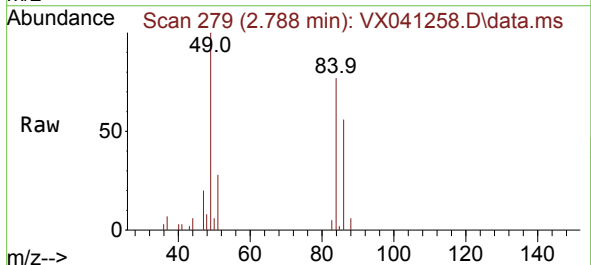
Instrument :
MSVOA_X
ClientSampleId :

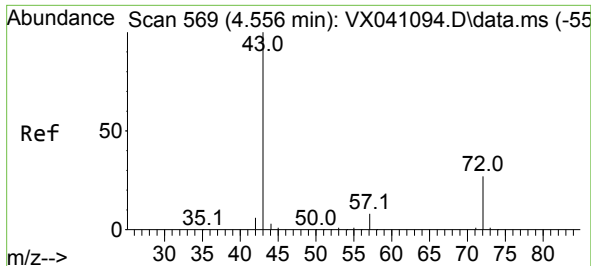
Tgt Ion: 43 Resp: 3034
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 4.584 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 84 Resp: 5275
Ion Ratio Lower Upper
84 100
49 130.5 103.6 155.4
51 36.5 33.8 50.6
86 73.1 49.4 74.0

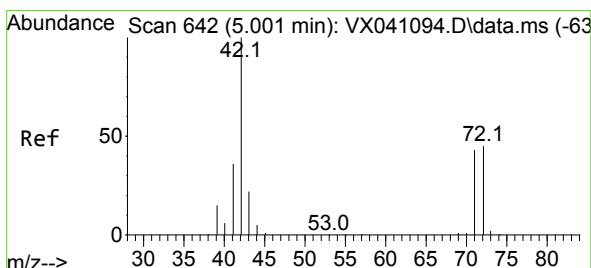
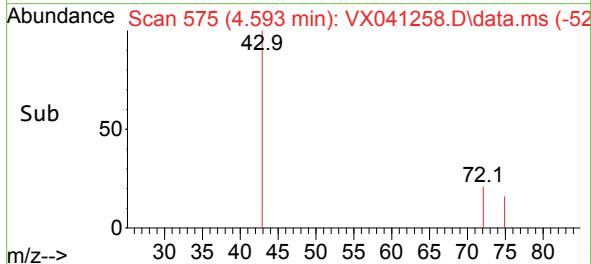
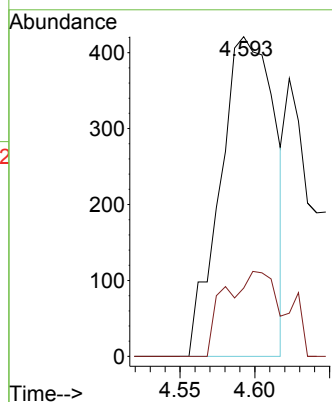
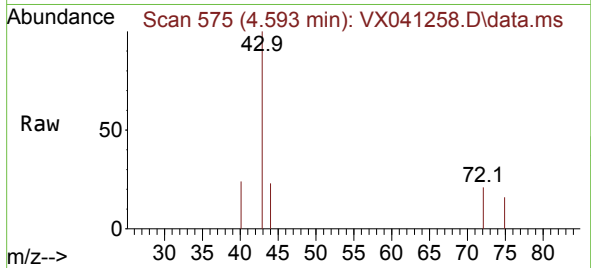




#25
2-Butanone
Concen: 1.321 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

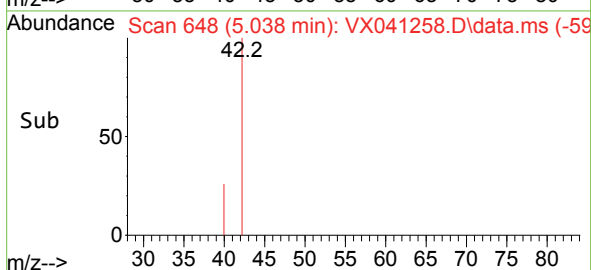
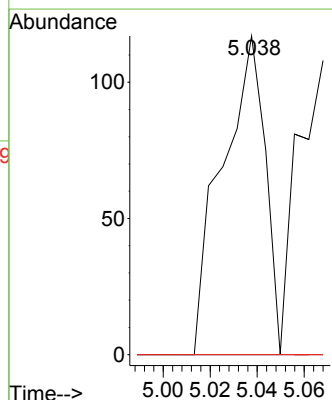
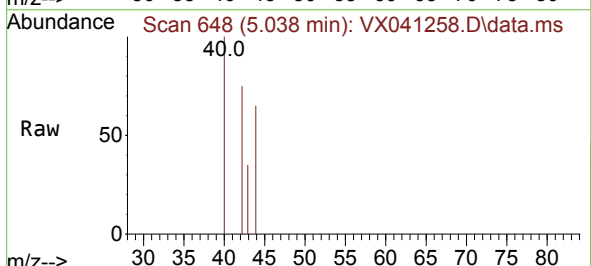
Instrument :
MSVOA_X
ClientSampleId :

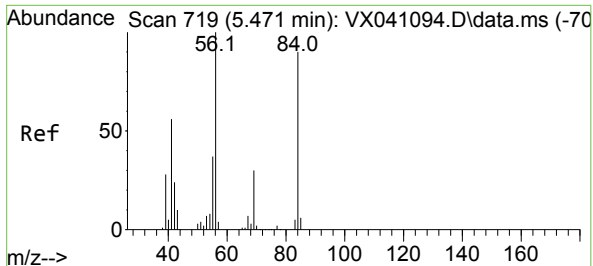
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 42 Resp: 148
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#





#31

Cyclohexane

Concen: 1.402 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.085 min

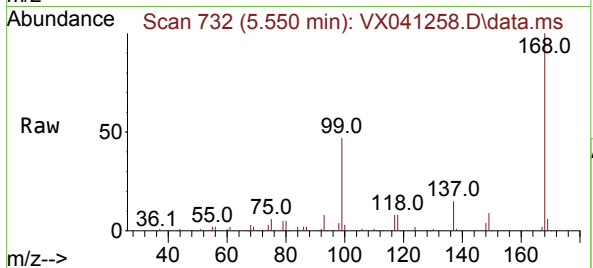
Lab File: VX041258.D

Acq: 26 Apr 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :



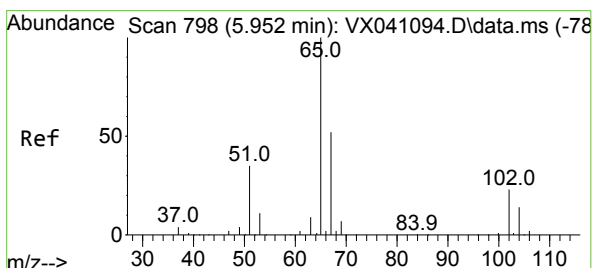
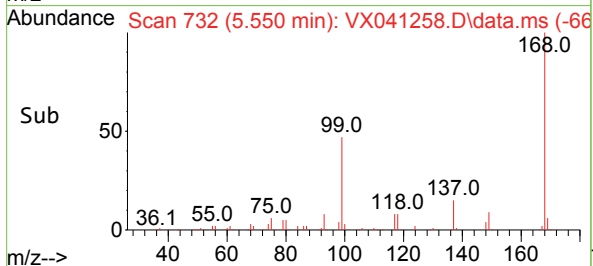
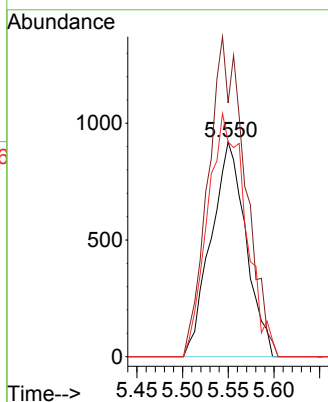
Tgt Ion: 56 Resp: 2443

Ion Ratio Lower Upper

56 100

69 118.2 23.4 35.2#

84 100.1 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 56.857 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041258.D

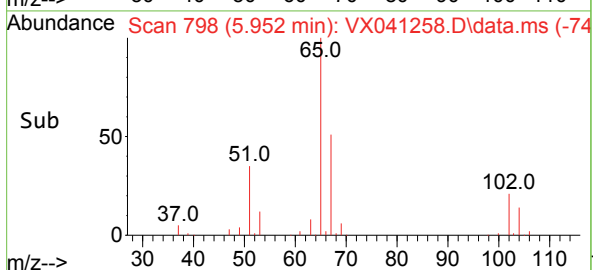
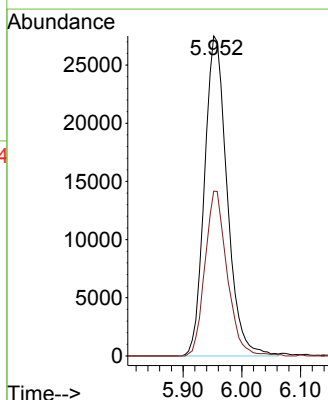
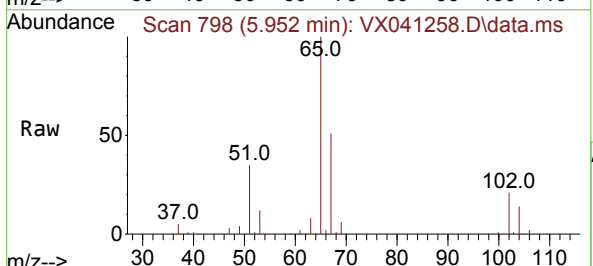
Acq: 26 Apr 2024 14:55

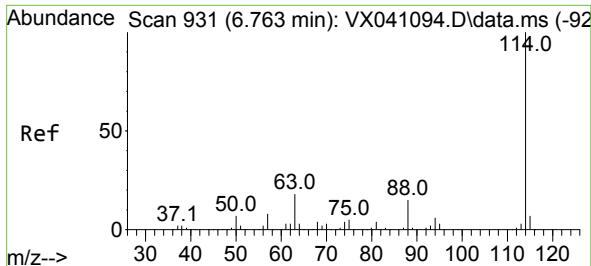
Tgt Ion: 65 Resp: 73603

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2

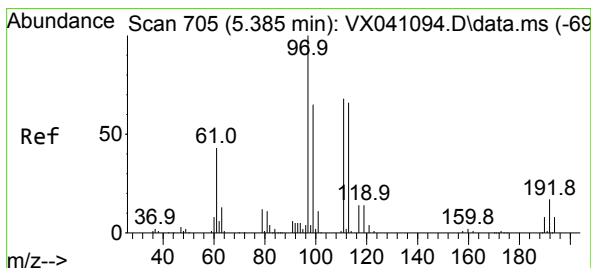
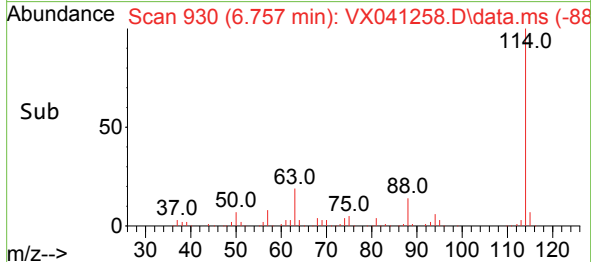
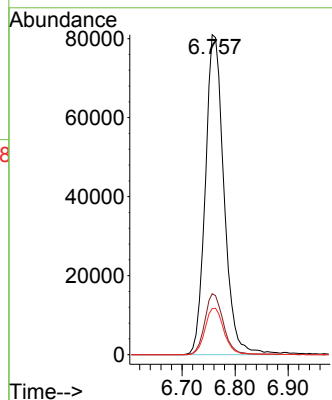
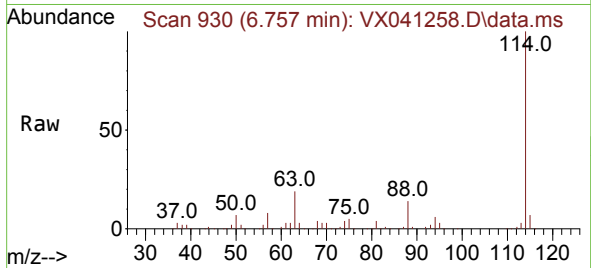




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

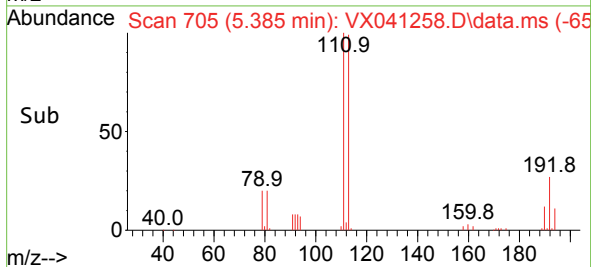
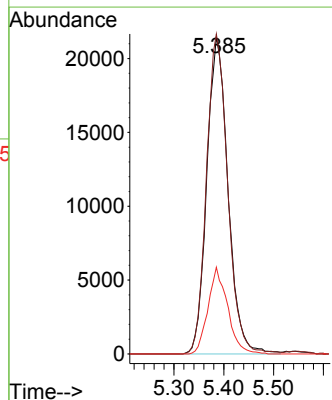
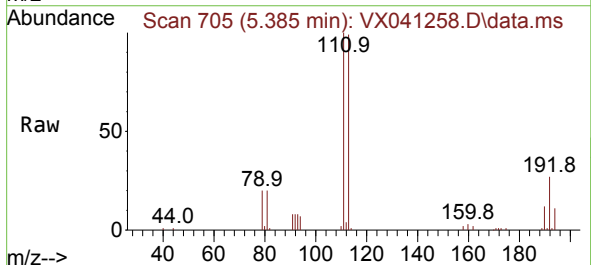
Instrument :
MSVOA_X
ClientSampleId :

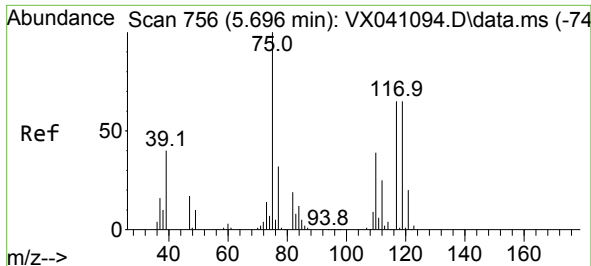
Tgt Ion:114 Resp: 197987
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

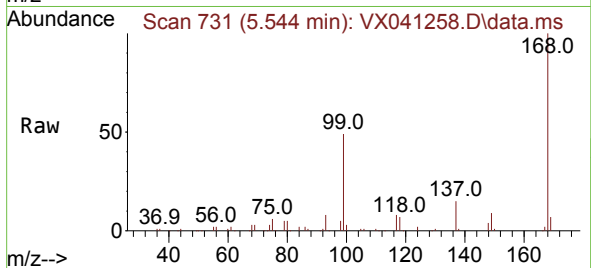
Tgt Ion:113 Resp: 63373
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.4 13.3 19.9#



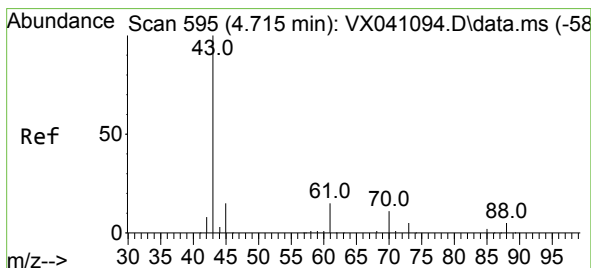
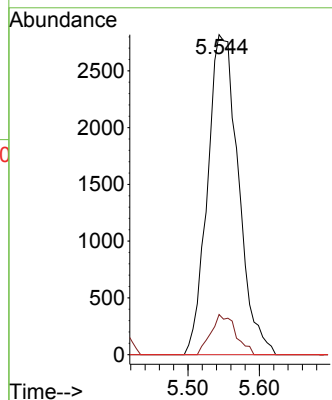
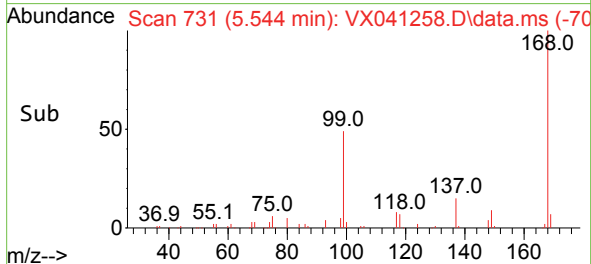


#36
1,1-Dichloropropene
Concen: 5.489 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

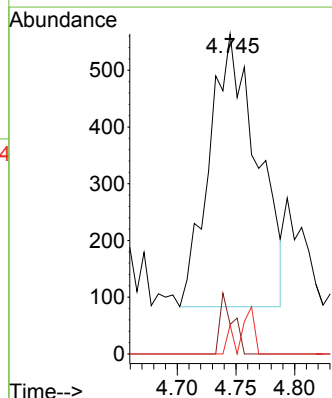
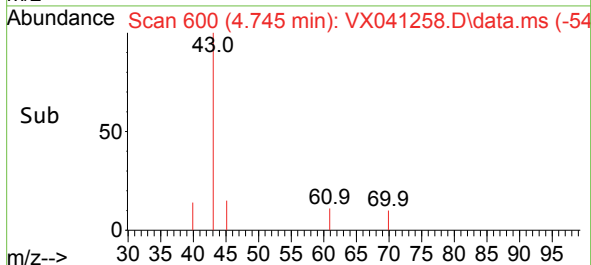
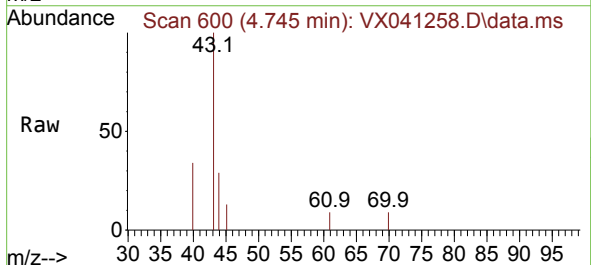


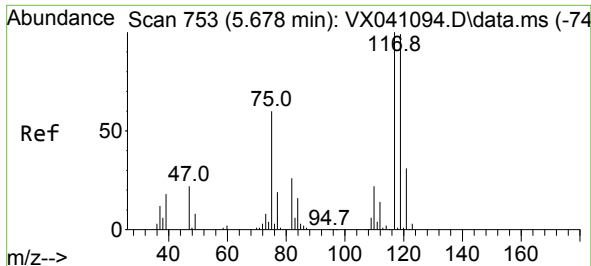
Tgt Ion: 75 Resp: 8458
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.803 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
61 6.0 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.876 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

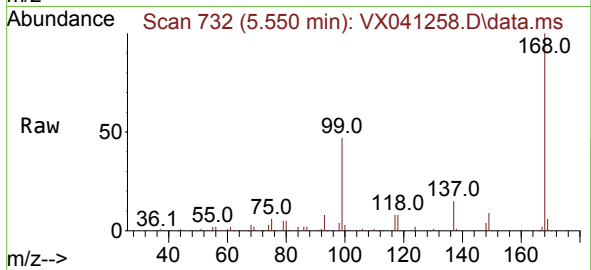
Lab File: VX041258.D

Acq: 26 Apr 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :



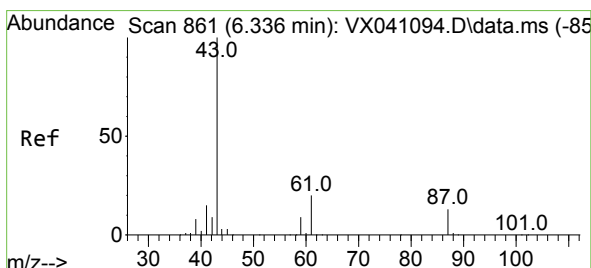
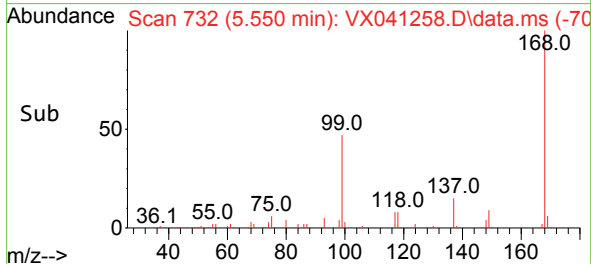
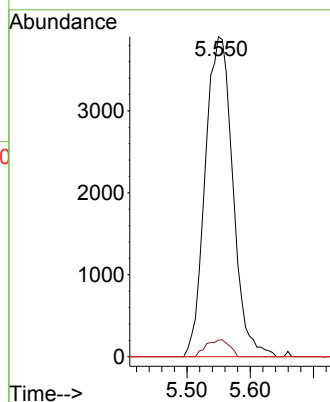
Tgt Ion:117 Resp: 11834

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 30.578 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041258.D

Acq: 26 Apr 2024 14:55

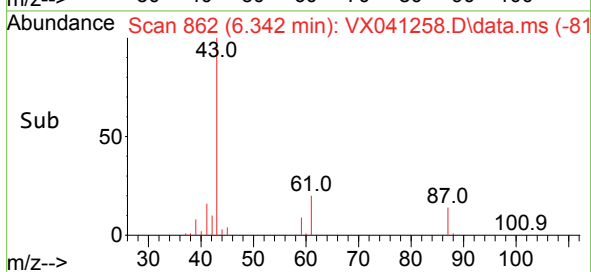
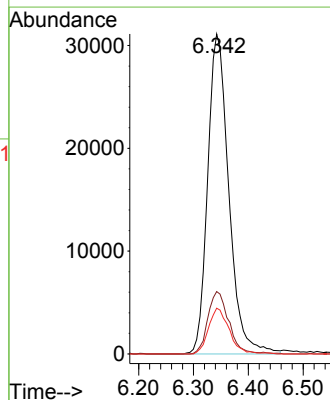
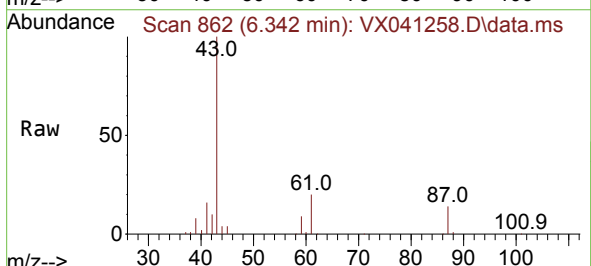
Tgt Ion: 43 Resp: 83277

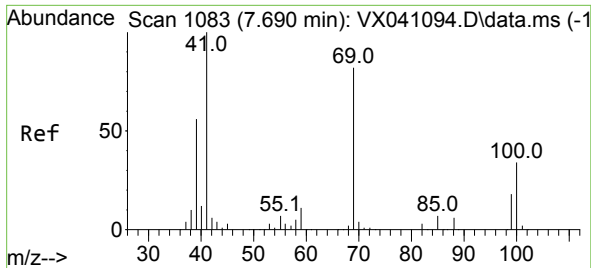
Ion Ratio Lower Upper

43 100

61 19.1 15.2 22.8

87 14.1 9.8 14.6

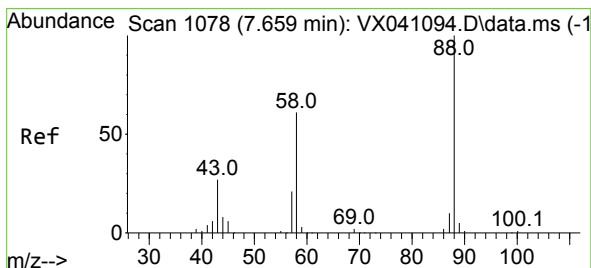
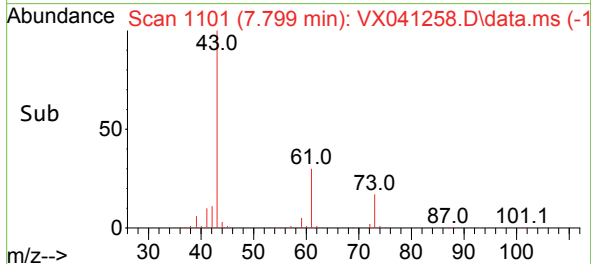
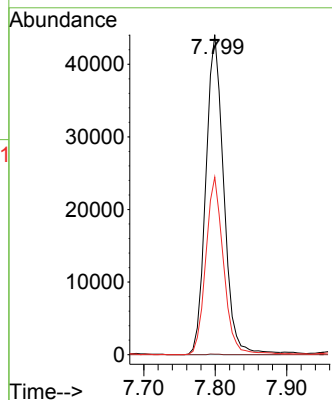
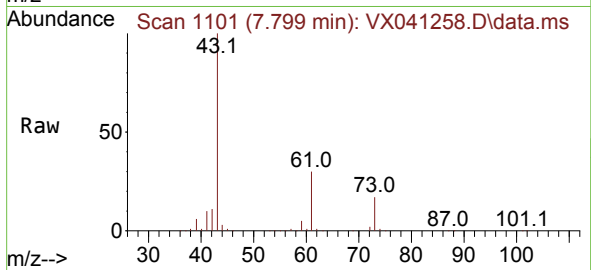




#48
Methyl methacrylate
Concen: 59.518 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

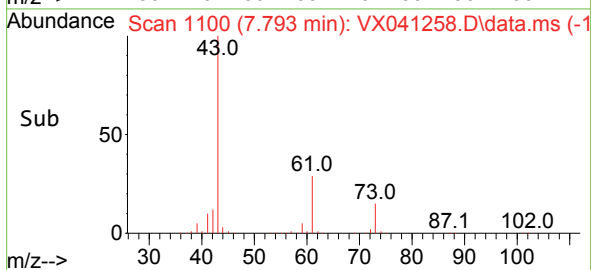
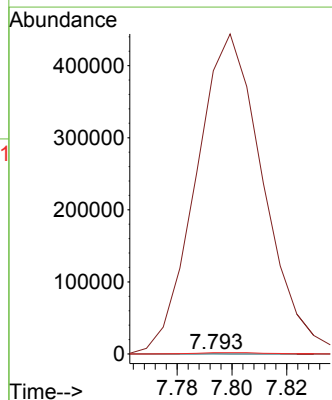
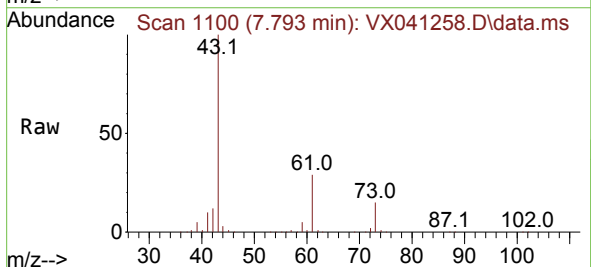
Instrument :
MSVOA_X
ClientSampleId :

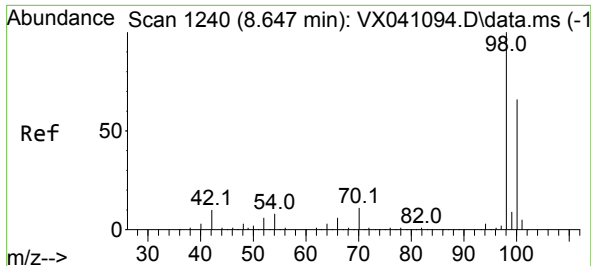
Tgt Ion: 41 Resp: 76669
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 55.5 47.7 71.5



#49
1,4-Dioxane
Concen: 4.364 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.116 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 640638.0 0.0 0.0#
58 2761.2 60.1 90.1#

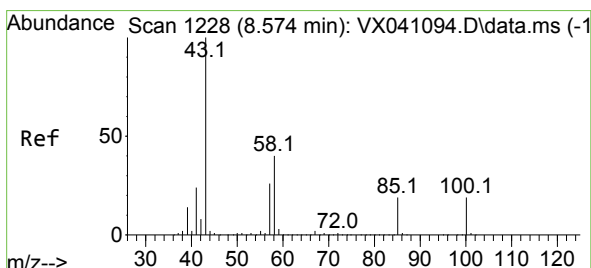
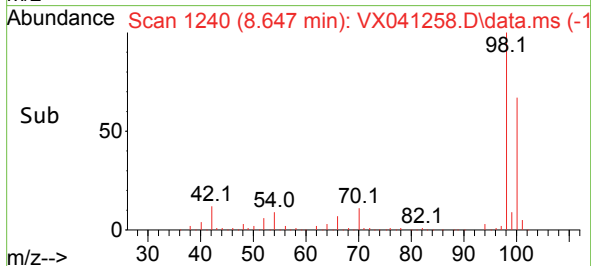
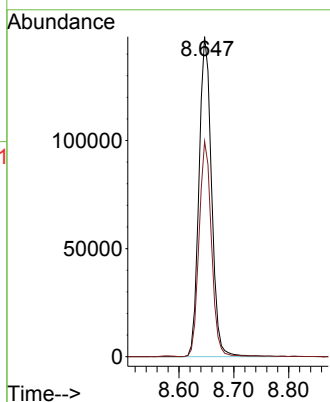
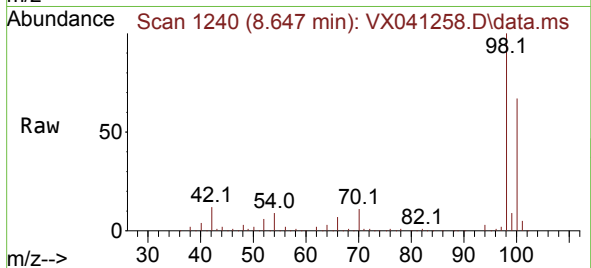




#50
Toluene-d8
Concen: 57.981 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

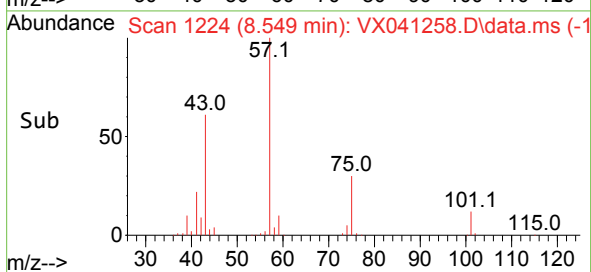
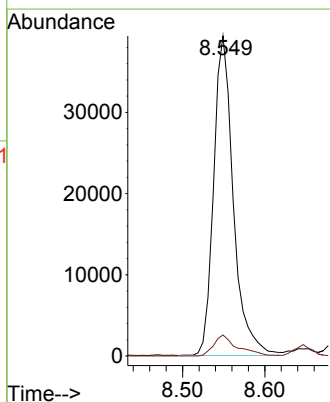
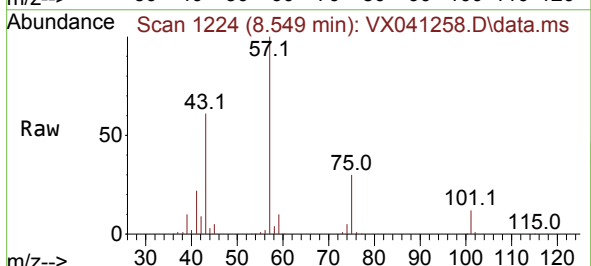
Instrument :
MSVOA_X
ClientSampleId :

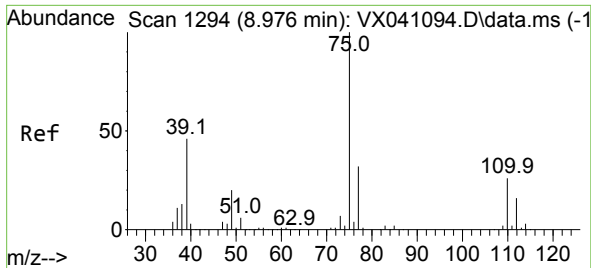
Tgt Ion: 98 Resp: 235594
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 38.435 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 43 Resp: 65521
Ion Ratio Lower Upper
43 100
58 7.9 30.4 45.6#

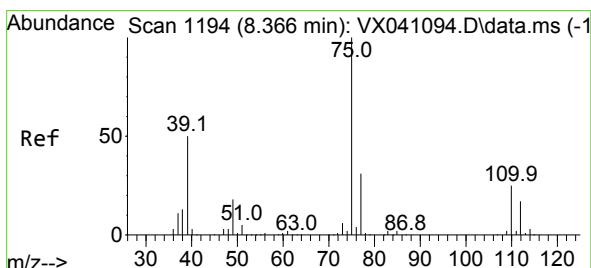
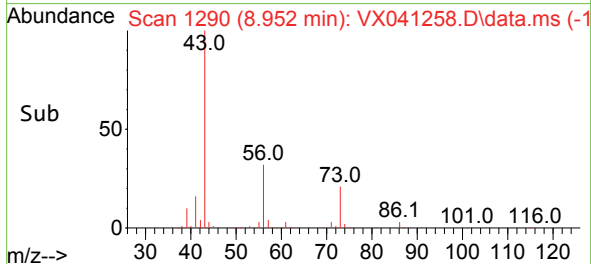
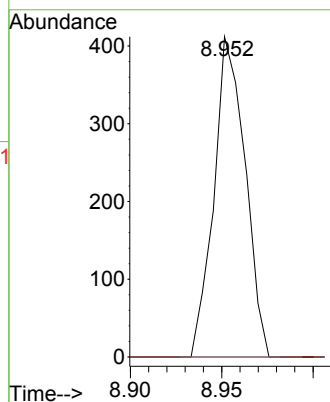
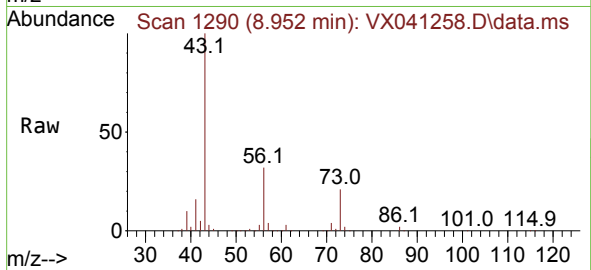




#53
 t-1,3-Dichloropropene
 Concen: 0.319 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX041258.D
 Acq: 26 Apr 2024 14:55

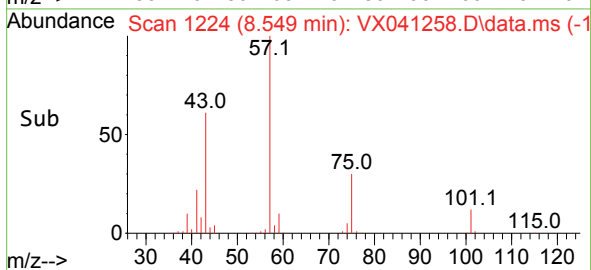
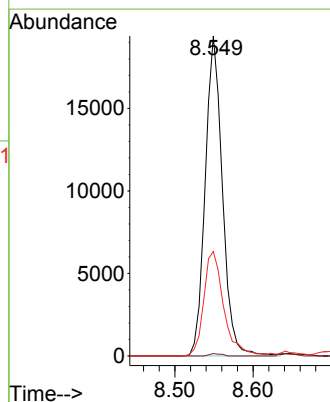
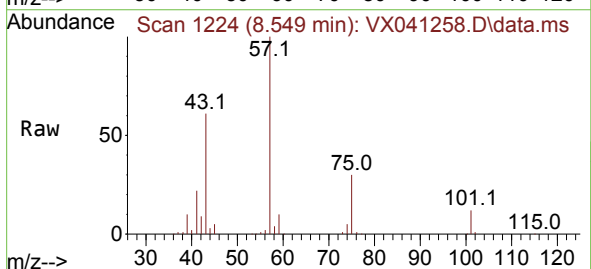
Instrument :
 MSVOA_X
 ClientSampleId :

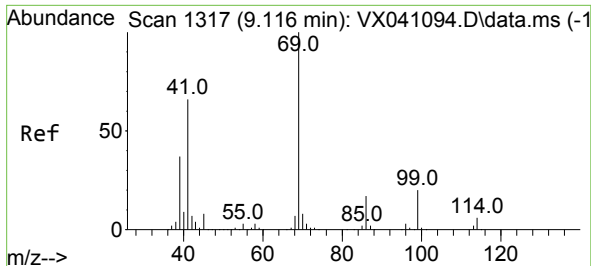
Tgt Ion: 75 Resp: 490
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 16.910 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041258.D
 Acq: 26 Apr 2024 14:55

Tgt Ion: 75 Resp: 29573
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 32.7 46.7 70.1#

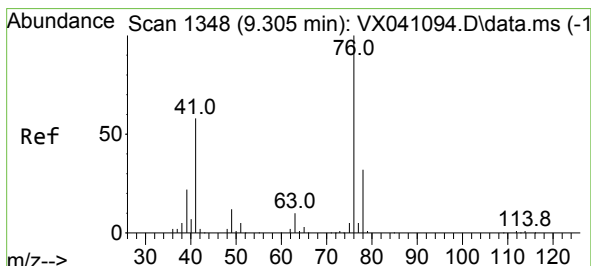
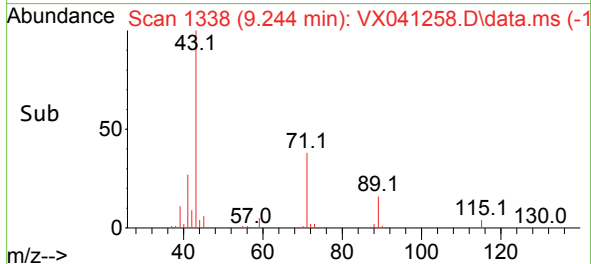
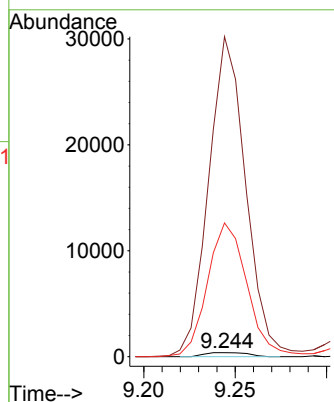
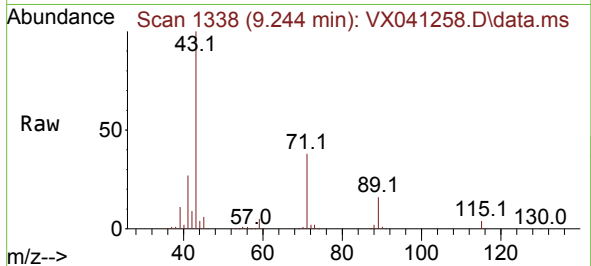




#56
Ethyl methacrylate
Concen: 0.354 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

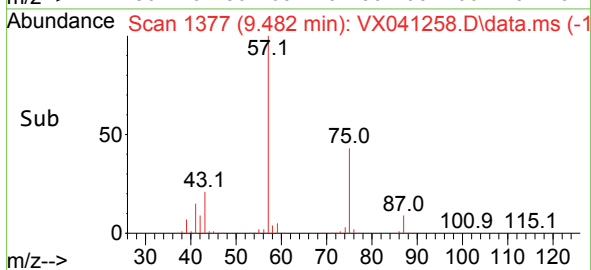
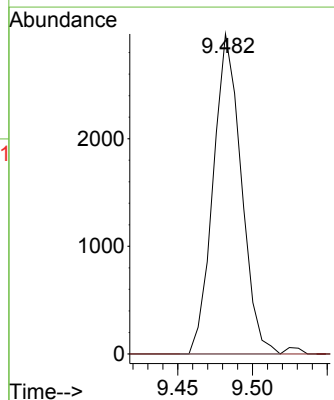
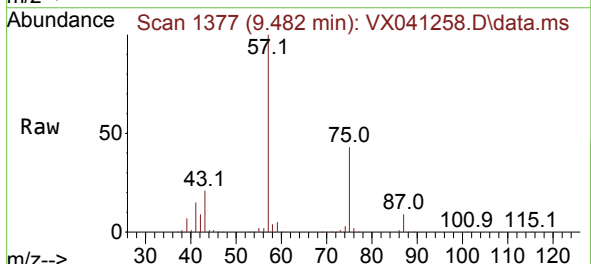
Instrument :
MSVOA_X
ClientSampleId :

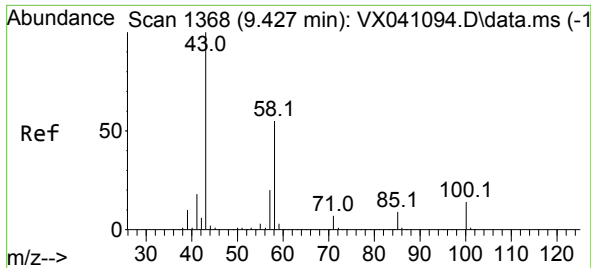
Tgt Ion: 69 Resp: 634
Ion Ratio Lower Upper
69 100
41 6779.2 56.8 85.2#
39 3007.3 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 2.001 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion: 76 Resp: 3876
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

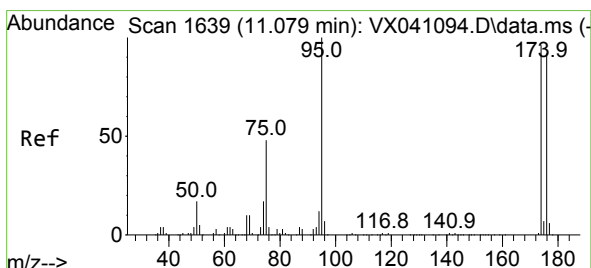
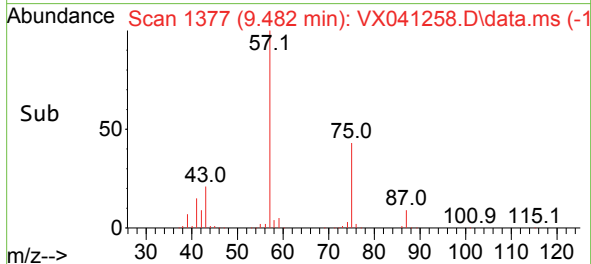
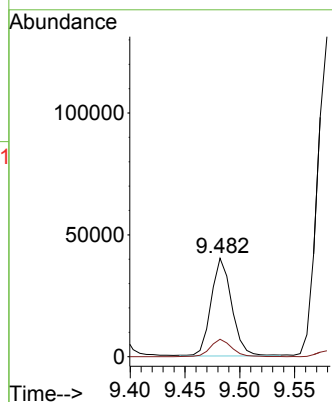
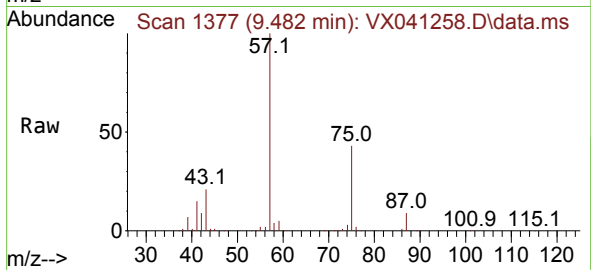




#59
2-Hexanone
Concen: 40.437 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

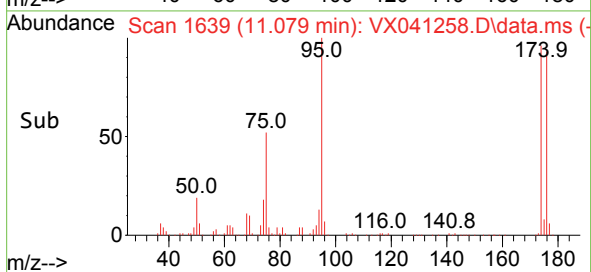
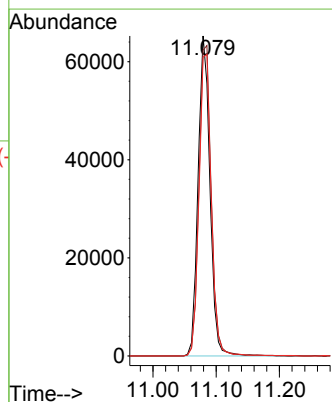
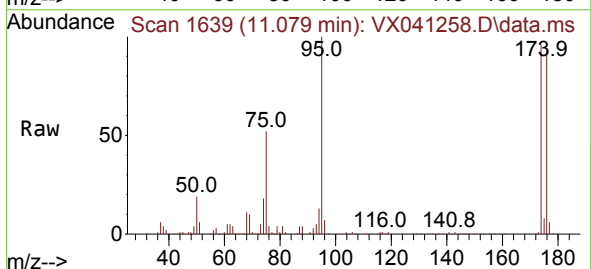
Instrument :
MSVOA_X
ClientSampleId :

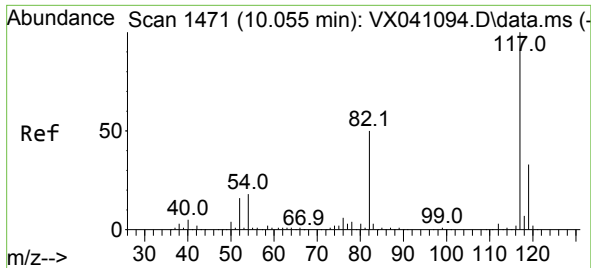
Tgt Ion: 43 Resp: 52860
Ion Ratio Lower Upper
43 100
58 18.5 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 56.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

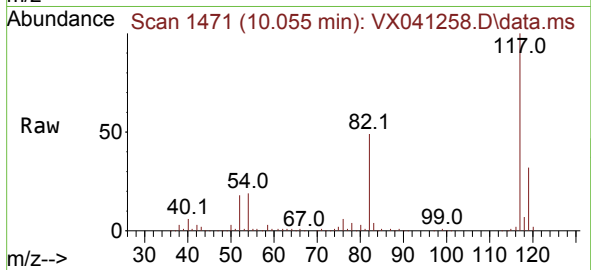
Tgt Ion: 95 Resp: 85118
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 97.6 0.0 131.0



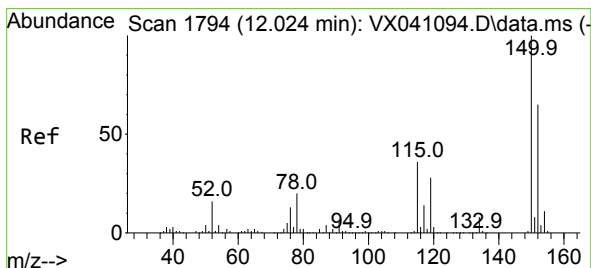
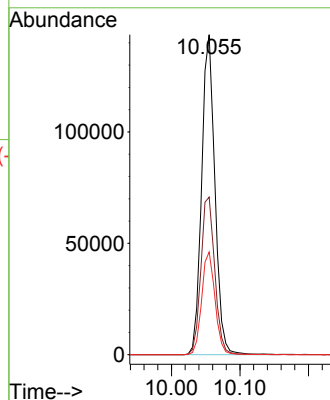
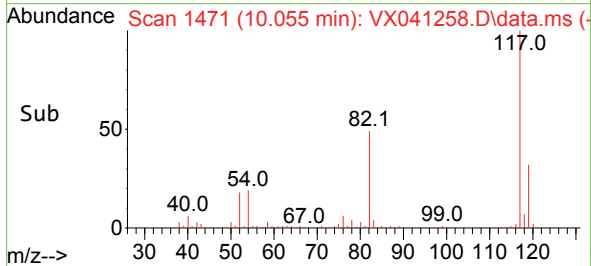


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :

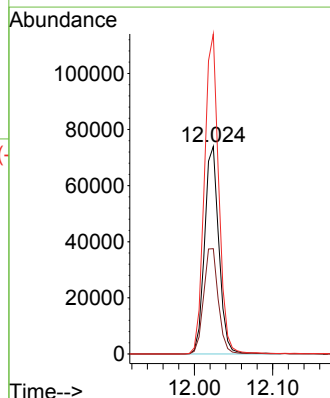
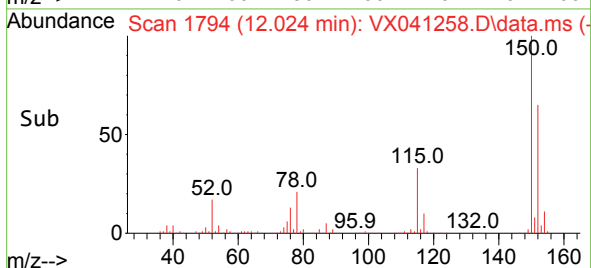
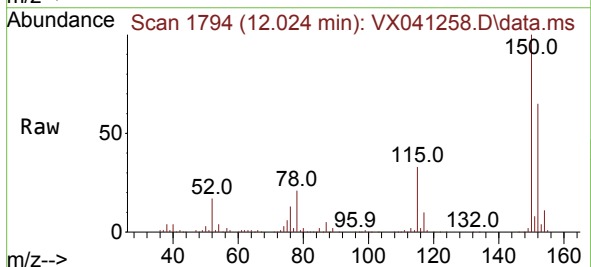


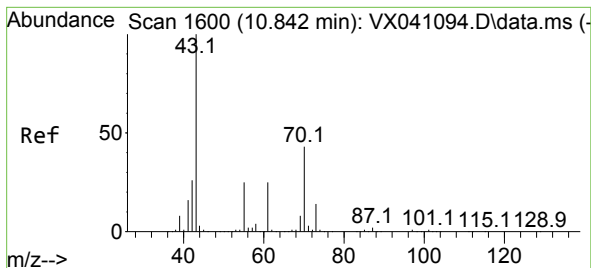
Tgt Ion:117 Resp: 194062
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041258.D
Acq: 26 Apr 2024 14:55

Tgt Ion:152 Resp: 93643
Ion Ratio Lower Upper
152 100
115 52.4 43.3 129.9
150 154.5 0.0 345.0





#74

N-amy1 acetate

Concen: 0.215 ug/l

RT: 10.823 min Scan# 1

Delta R.T. -0.018 min

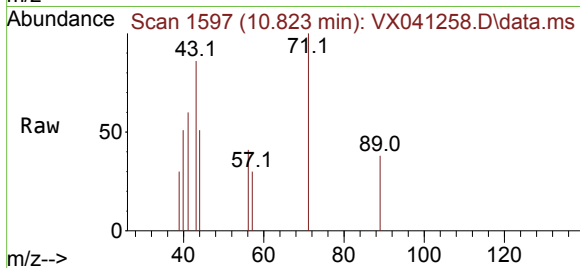
Lab File: VX041258.D

Acq: 26 Apr 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 492

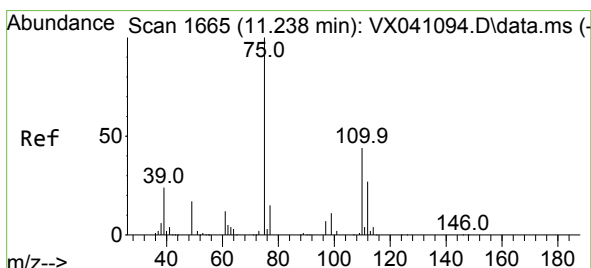
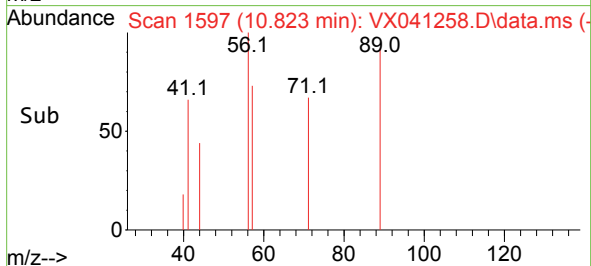
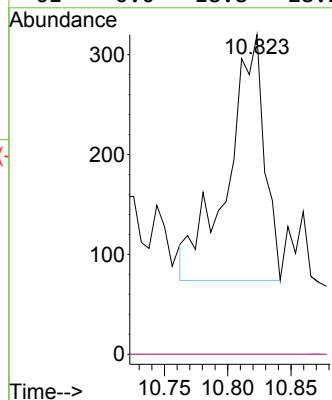
Ion Ratio Lower Upper

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: 28.533 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041258.D

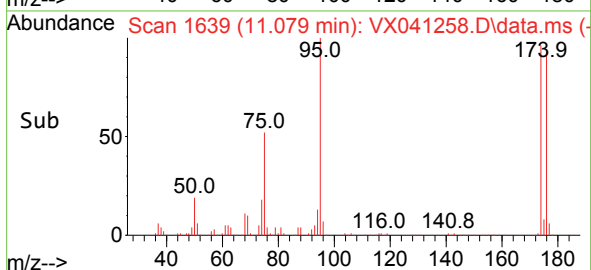
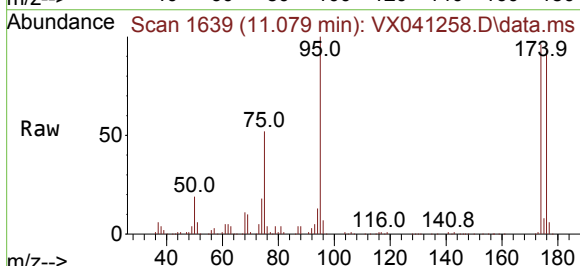
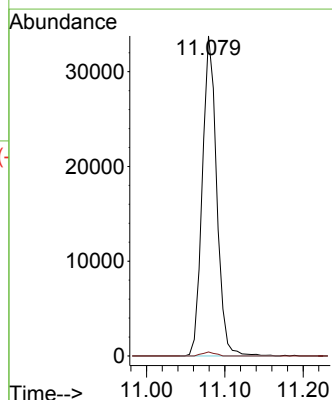
Acq: 26 Apr 2024 14:55

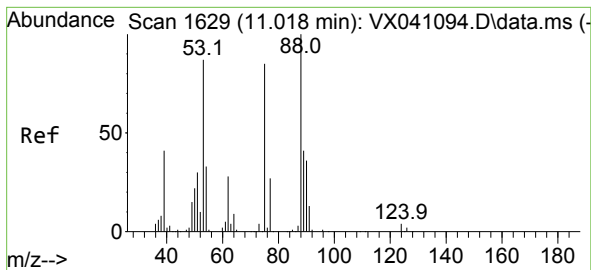
Tgt Ion: 75 Resp: 43050

Ion Ratio Lower Upper

75 100

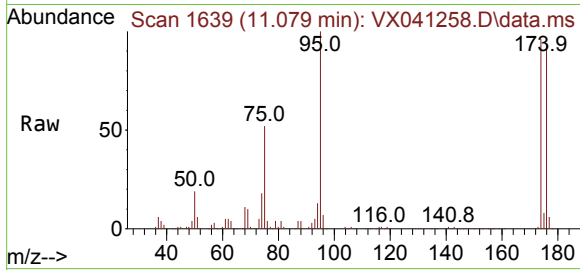
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.502 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041258.D
 Acq: 26 Apr 2024 14:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 43050
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

