

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041863.D
 Acq On : 13 Jun 2024 18:48
 Operator : JC/MD
 Sample : P2853-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

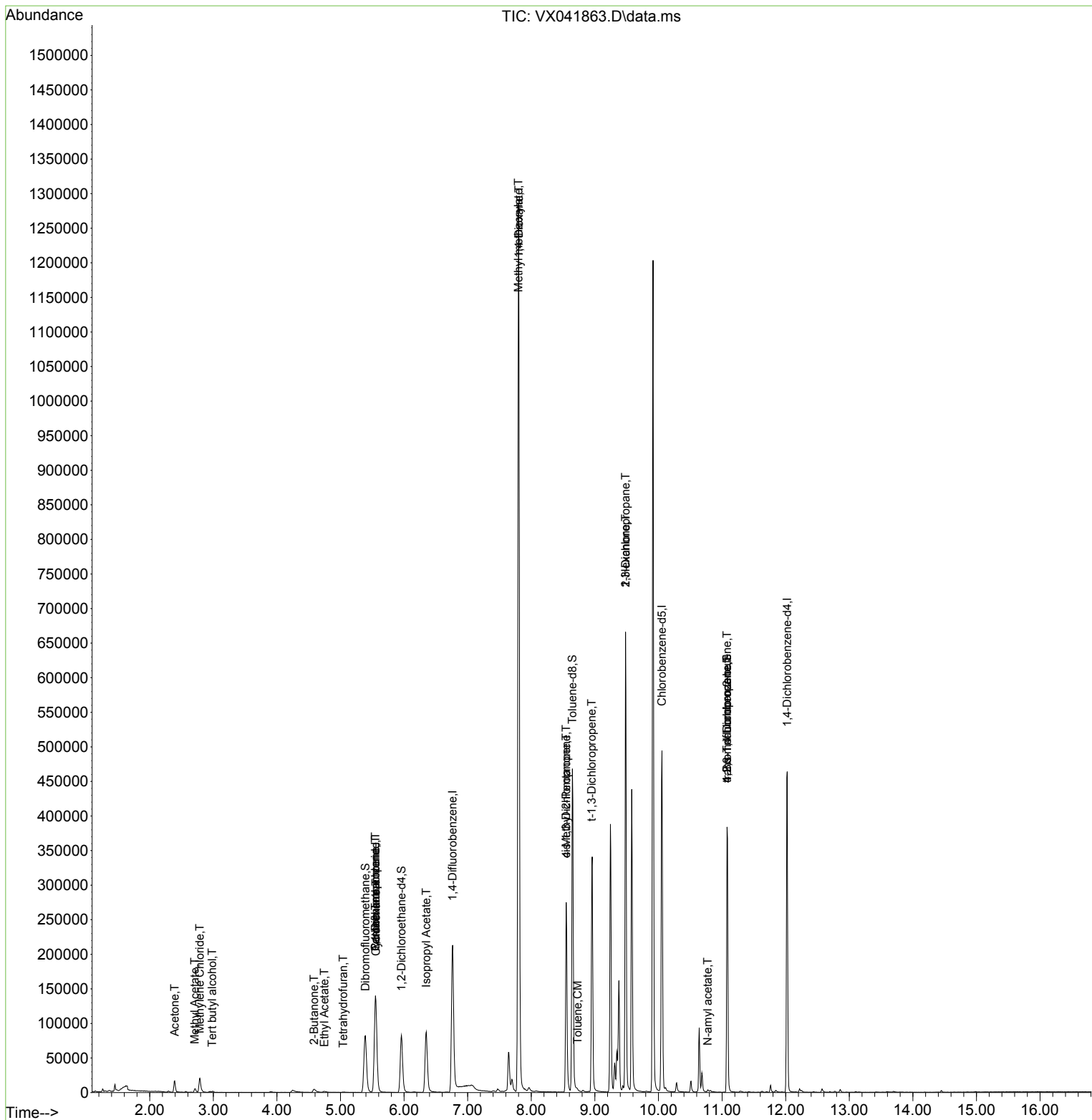
Quant Time: Jun 14 01:52:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

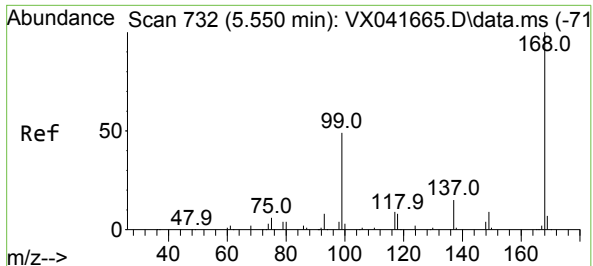
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	154938	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	241958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78033	41.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.120%		
35) Dibromofluoromethane	5.391	113	73609	44.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.000%		
50) Toluene-d8	8.647	98	289601	49.545	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	103256	47.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.720%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	2693	8.011	ug/l	99
16) Acetone	2.392	43	19410	20.606	ug/l	# 86
18) Methyl Acetate	2.709	43	7515	4.142	ug/l	99
20) Methylene Chloride	2.788	84	11732	6.899	ug/l	87
25) 2-Butanone	4.587	43	10563	8.944	ug/l	97
29) Tetrahydrofuran	5.044	42	372	0.499	ug/l	# 48
31) Cyclohexane	5.556	56	2140	0.954	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8805	4.347	ug/l	# 46
37) Ethyl Acetate	4.745	43	2140	0.837	ug/l	# 91
38) Carbon Tetrachloride	5.550	117	12915	5.612	ug/l	# 15
43) Isopropyl Acetate	6.348	43	123302	31.947	ug/l	94
48) Methyl methacrylate	7.799	41	103587	55.888	ug/l	# 45
49) 1,4-Dioxane	7.806	88	157	3.877	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	89100	35.601	ug/l	# 52
52) Toluene	8.726	92	1109	0.276	ug/l	92
53) t-1,3-Dichloropropene	8.952	75	814	0.387	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	46957	20.170	ug/l	# 50
57) 1,3-Dichloropropane	9.482	76	6014	2.236	ug/l	# 42
59) 2-Hexanone	9.482	43	73959	38.760	ug/l	# 56
74) N-amyl acetate	10.775	43	1680	0.533	ug/l	# 50
76) 1,2,3-Trichloropropane	11.079	75	47308	23.632	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47308	64.409	ug/l	# 5

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

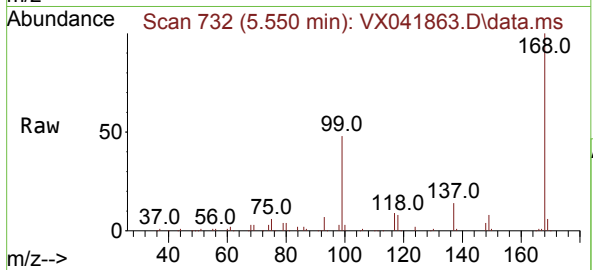
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



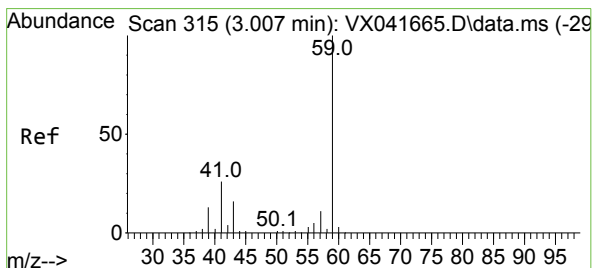
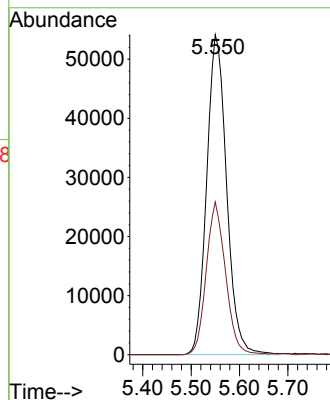
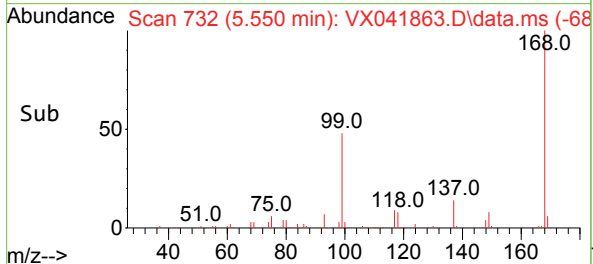


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

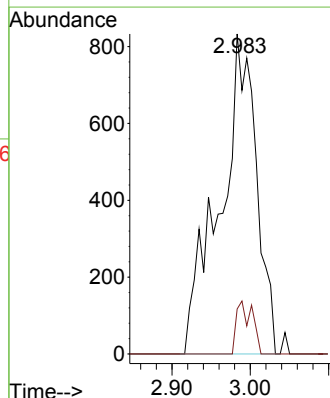
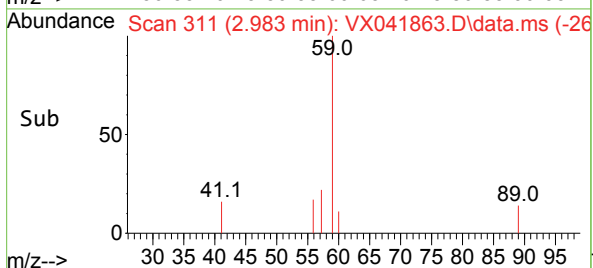
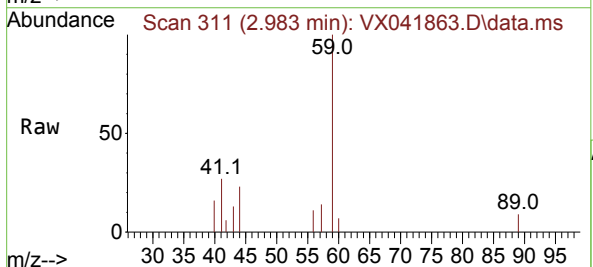


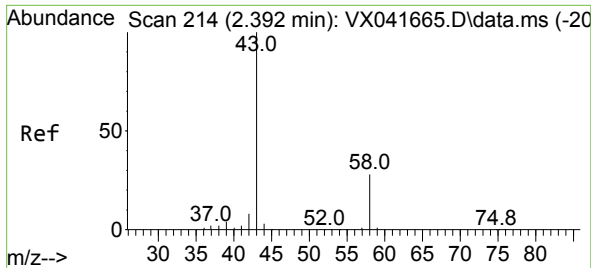
Tgt Ion:168 Resp: 154938
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 8.011 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 59 Resp: 2693
Ion Ratio Lower Upper
59 100
57 7.1 6.0 9.0

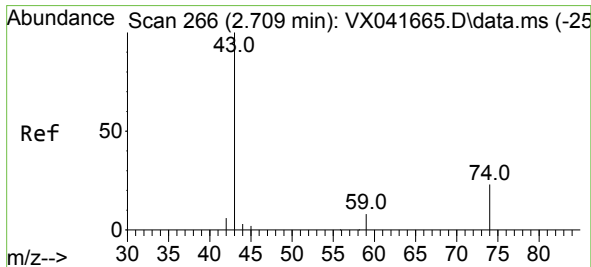
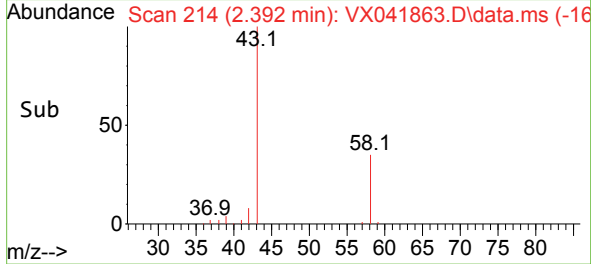
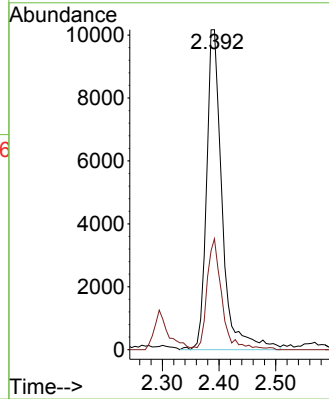
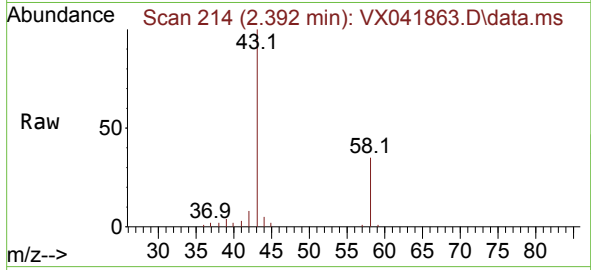




#16
Acetone
Concen: 20.606 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

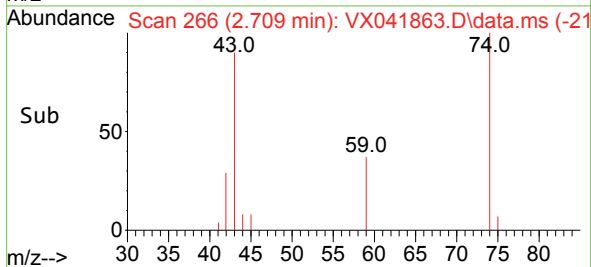
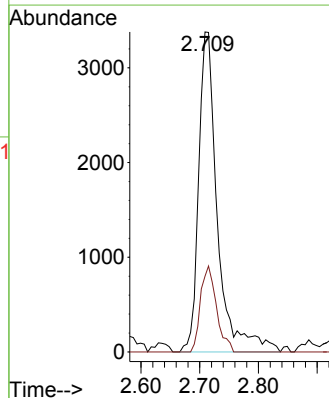
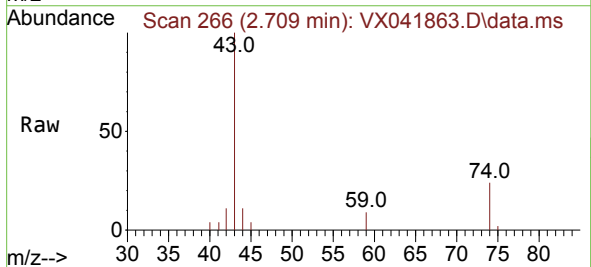
Instrument :
MSVOA_X
ClientSampleId :

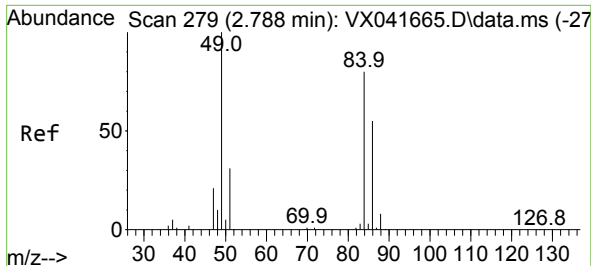
Tgt Ion: 43 Resp: 19410
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#18
Methyl Acetate
Concen: 4.142 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 43 Resp: 7515
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8





#20

Methylene Chloride

Concen: 6.899 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

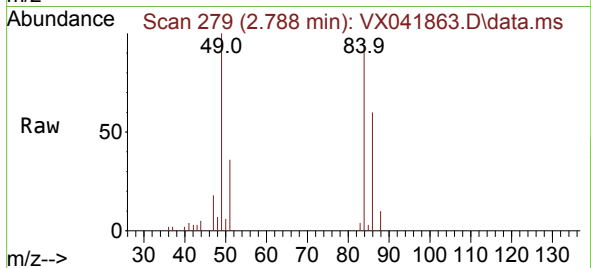
Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 11732

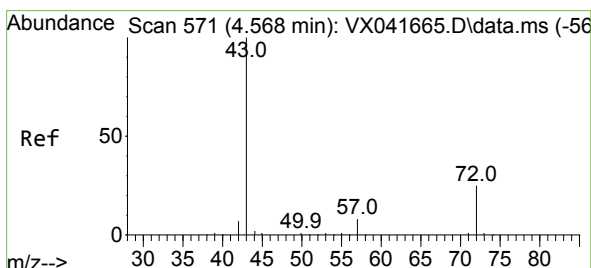
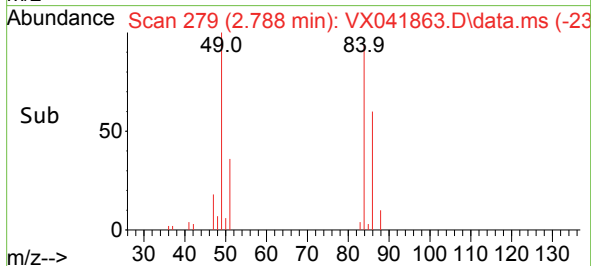
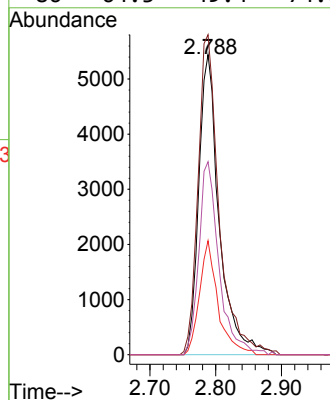
Ion Ratio Lower Upper

84 100

49 106.6 103.6 155.4

51 38.0 33.8 50.6

86 64.3 49.4 74.0



#25

2-Butanone

Concen: 8.944 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX041863.D

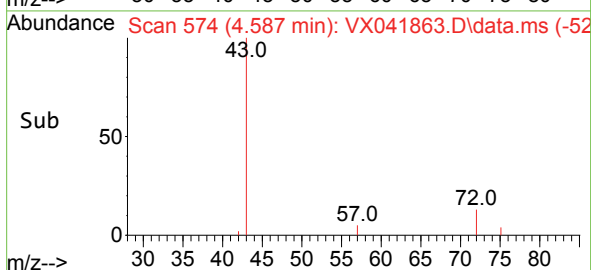
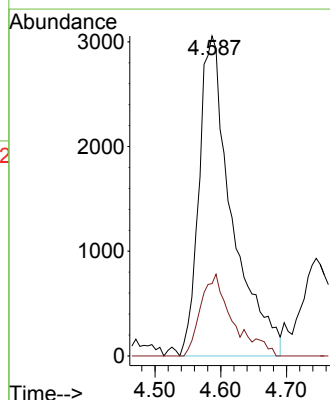
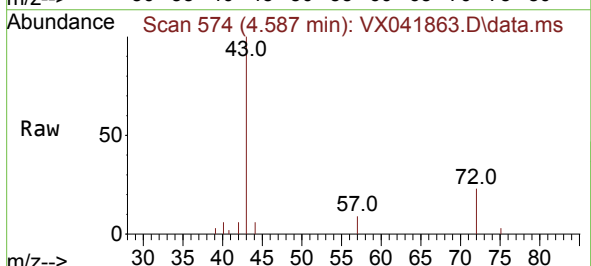
Acq: 13 Jun 2024 18:48

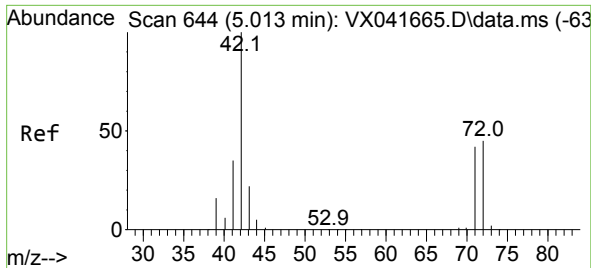
Tgt Ion: 43 Resp: 10563

Ion Ratio Lower Upper

43 100

72 22.6 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.499 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.031 min

Lab File: VX041863.D

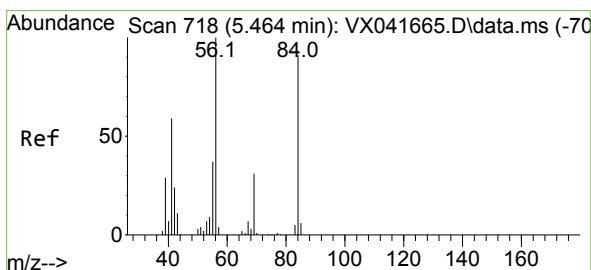
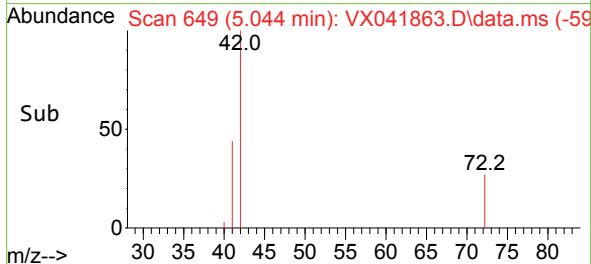
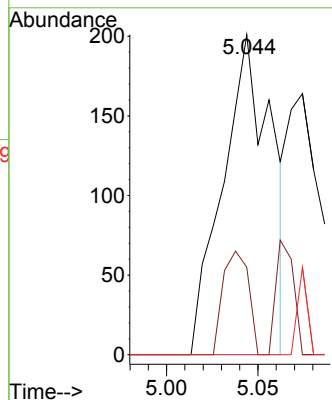
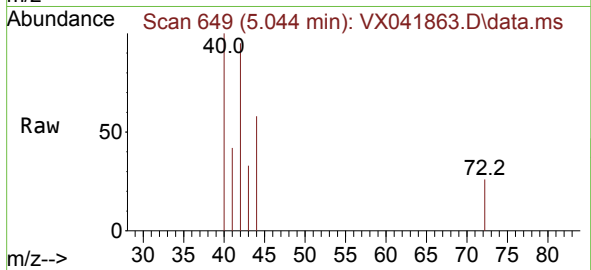
Acq: 13 Jun 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 372
Ion Ratio	Lower Upper
42	100
72	16.9 34.2 51.4#
71	0.0 32.2 48.2#



#31

Cyclohexane

Concen: 0.954 ug/l

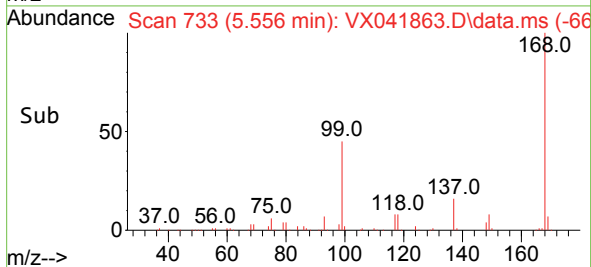
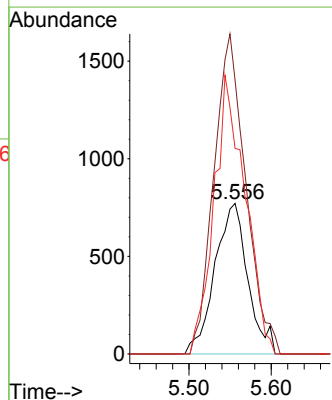
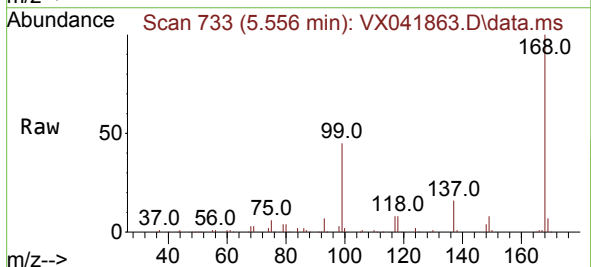
RT: 5.556 min Scan# 733

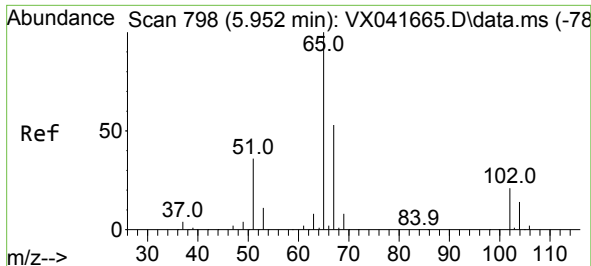
Delta R.T. 0.092 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Tgt Ion: 56	Resp: 2140
Ion Ratio	Lower Upper
56	100
69	181.8 23.4 35.2#
84	136.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.064 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Instrument :

MSVOA_X

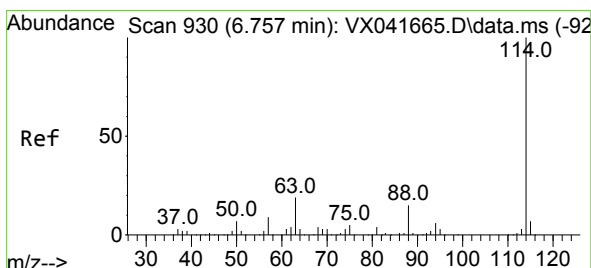
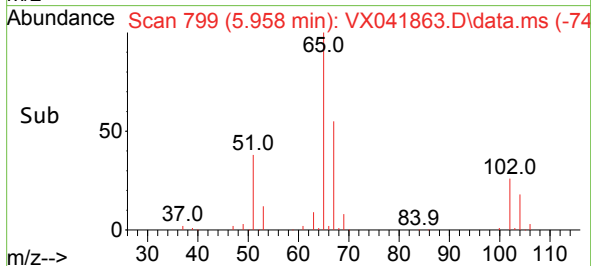
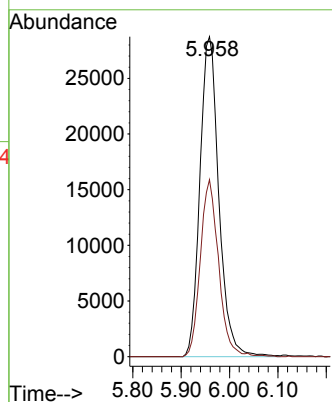
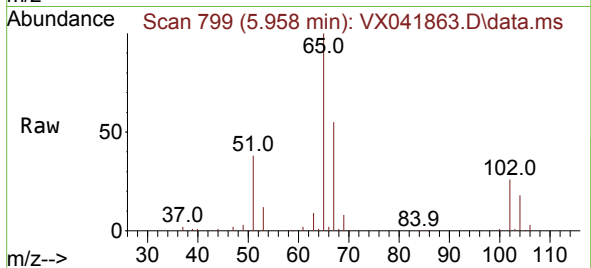
ClientSampleId :

Tgt Ion: 65 Resp: 78033

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

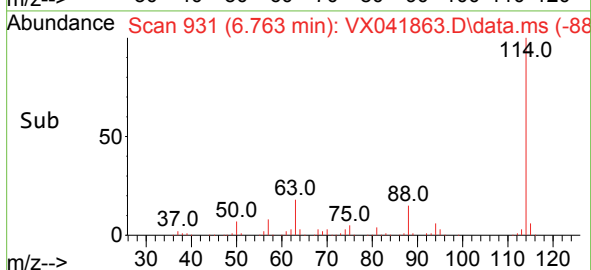
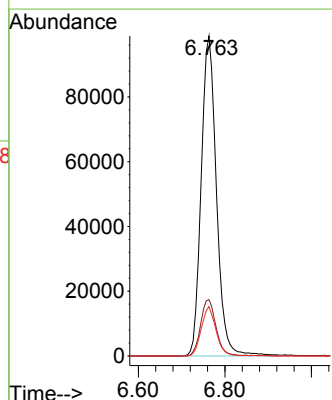
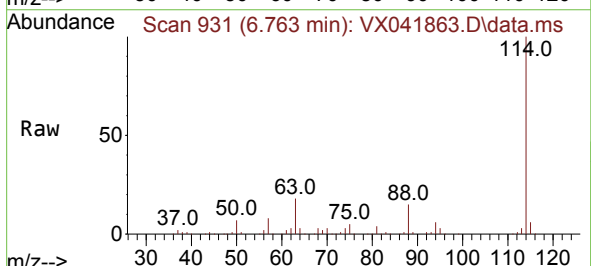
Tgt Ion: 114 Resp: 241958

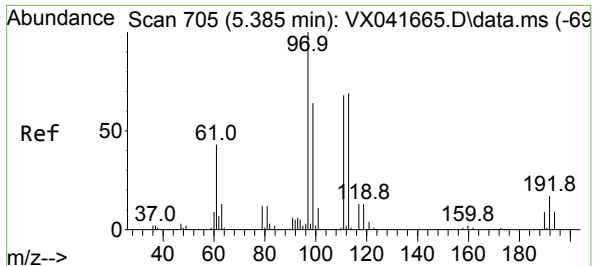
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

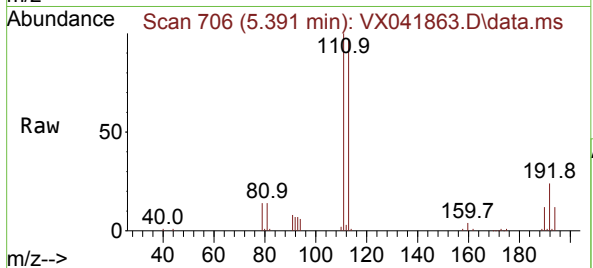
88 15.4 0.0 36.6



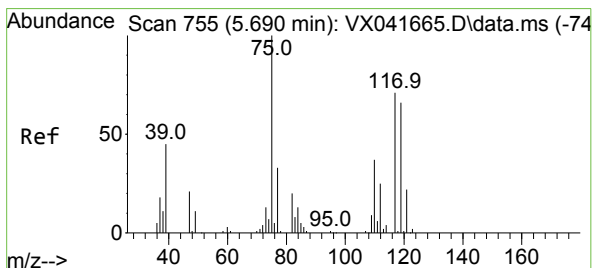
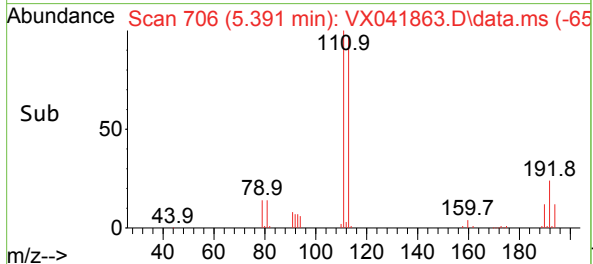
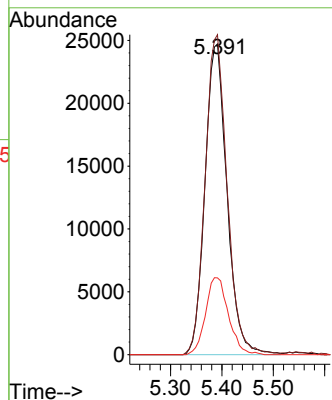


#35
Dibromofluoromethane
Concen: 44.001 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

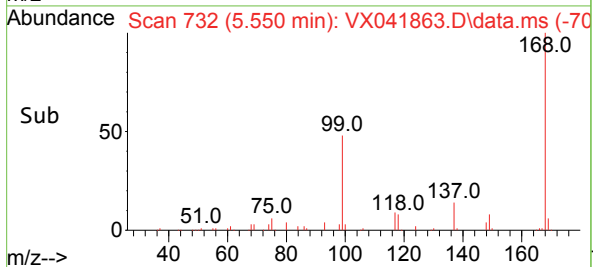
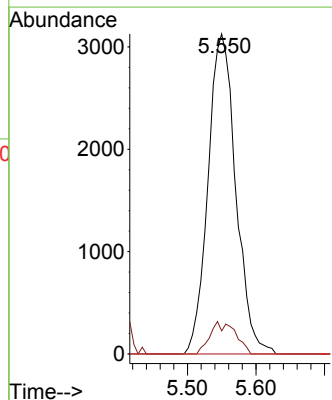
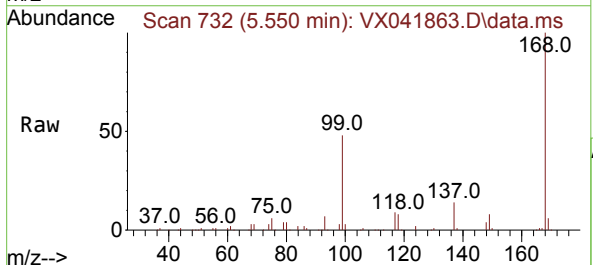


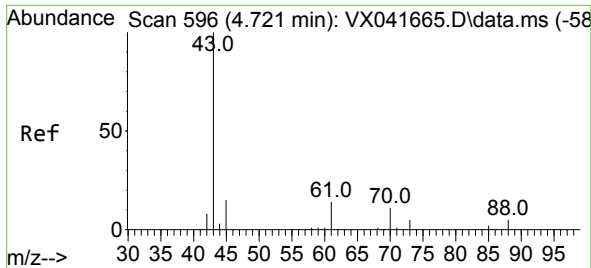
Tgt Ion:113 Resp: 73609
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.347 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 75 Resp: 8805
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.837 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

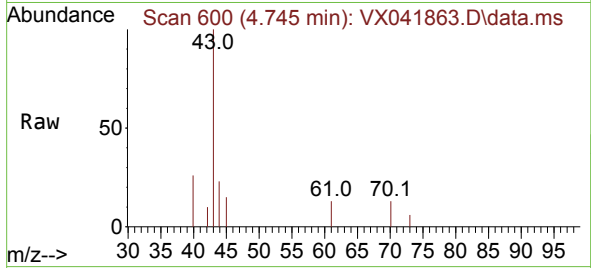
Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

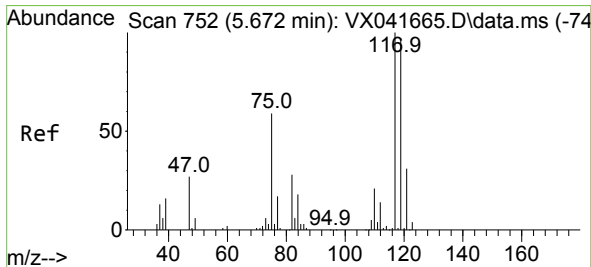
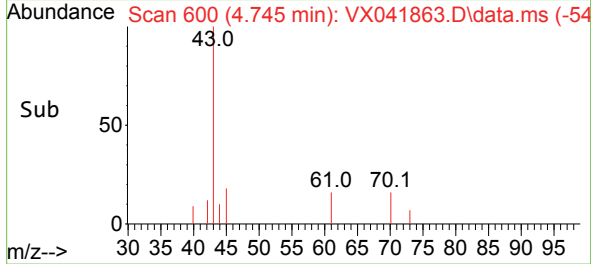
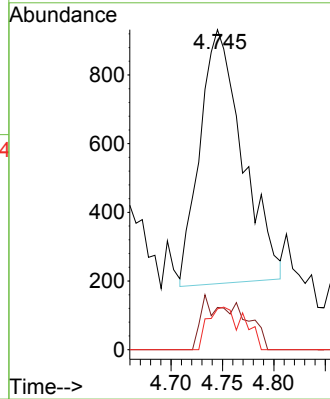
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 2140
Ion Ratio	Lower Upper
43	100
61	9.8 10.6 16.0#
70	14.2 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.612 ug/l

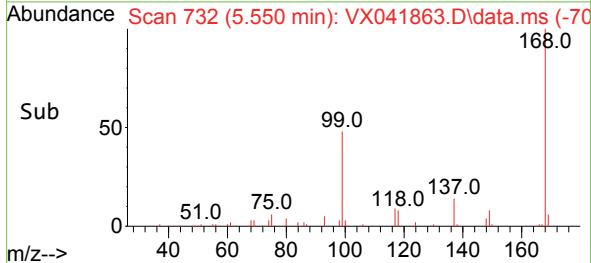
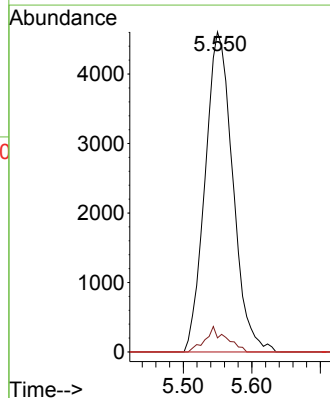
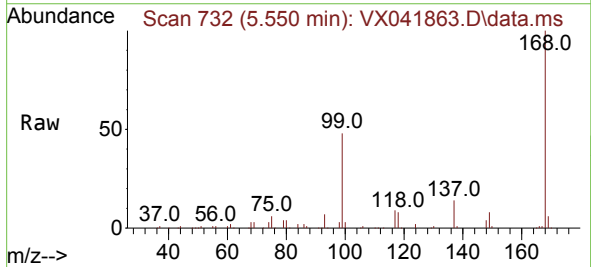
RT: 5.550 min Scan# 732

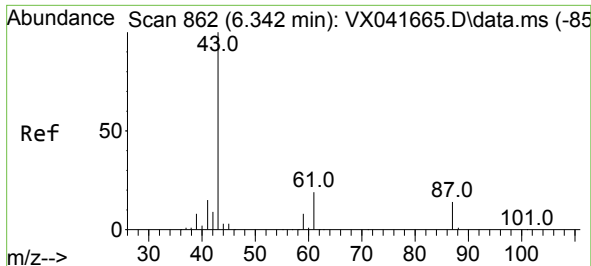
Delta R.T. -0.122 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Tgt Ion: 117	Resp: 12915
Ion Ratio	Lower Upper
117	100
119	4.4 78.2 117.2#
121	0.0 24.4 36.6#

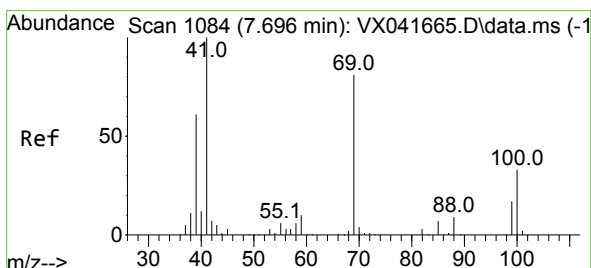
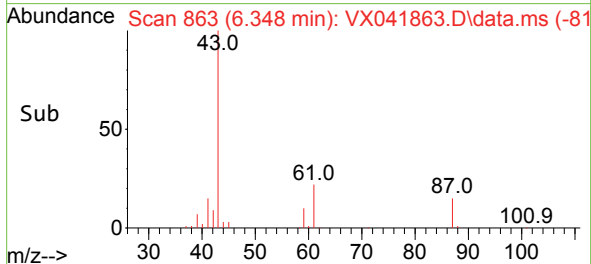
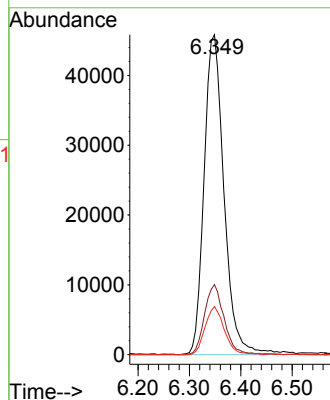
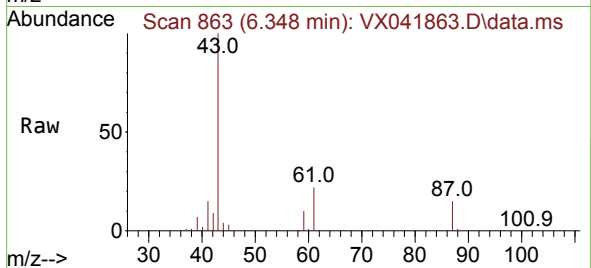




#43
Isopropyl Acetate
Concen: 31.947 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

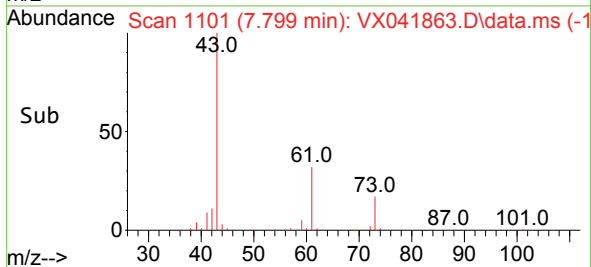
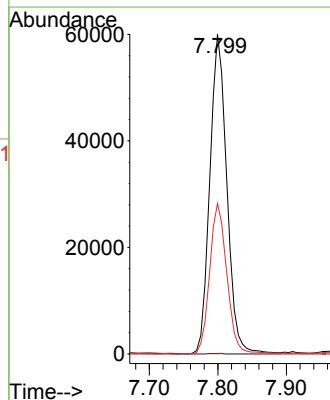
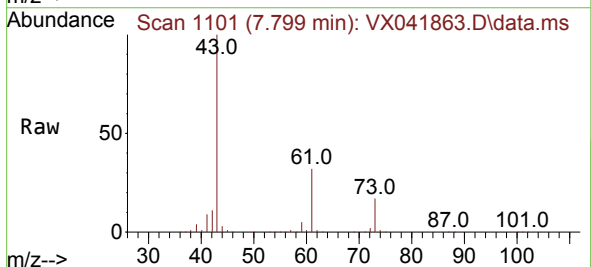
Instrument :
MSVOA_X
ClientSampleId :

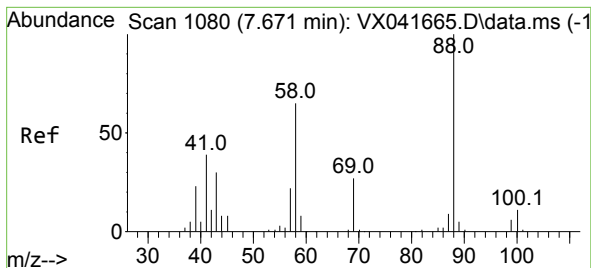
Tgt Ion: 43 Resp: 123302
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 14.5 9.8 14.6



#48
Methyl methacrylate
Concen: 55.888 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 41 Resp: 103587
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 47.9 47.7 71.5





#49

1,4-Dioxane

Concen: 3.877 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.134 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

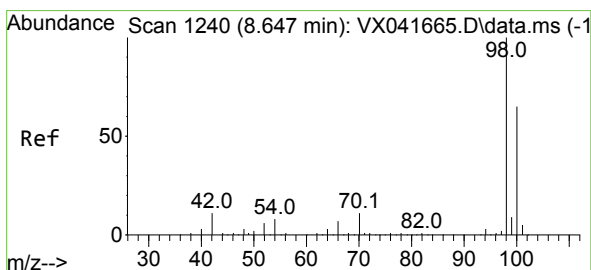
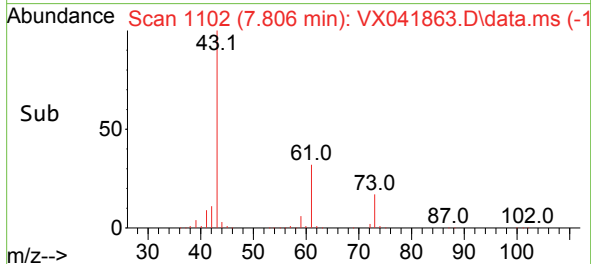
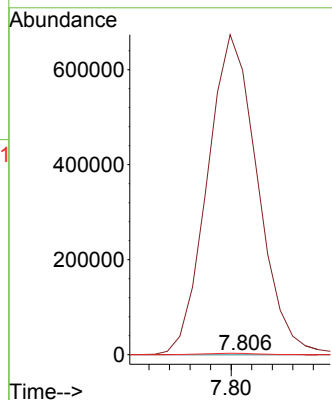
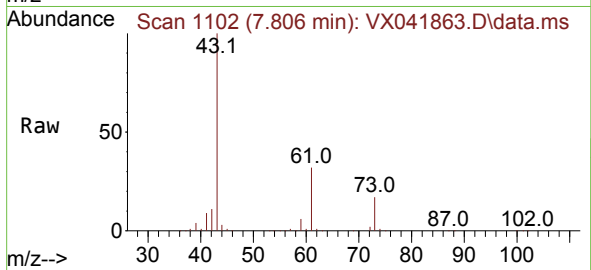
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88 Resp: 157

Ion	Ratio	Lower	Upper
88	100		
43	737741.4	0.0	0.0#
58	3549.0	60.1	90.1#



#50

Toluene-d8

Concen: 49.545 ug/l

RT: 8.647 min Scan# 1240

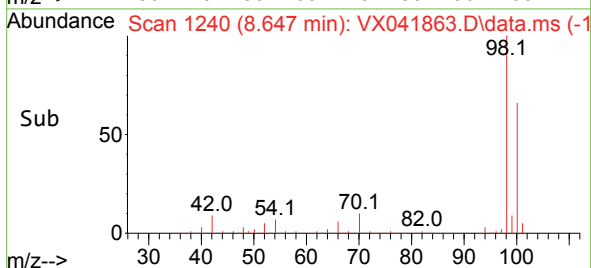
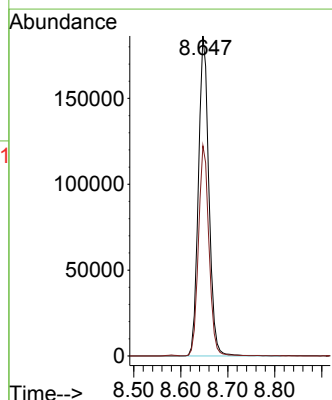
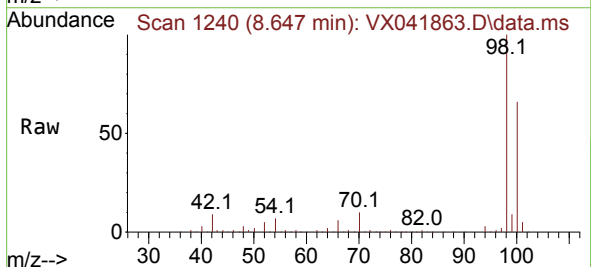
Delta R.T. 0.000 min

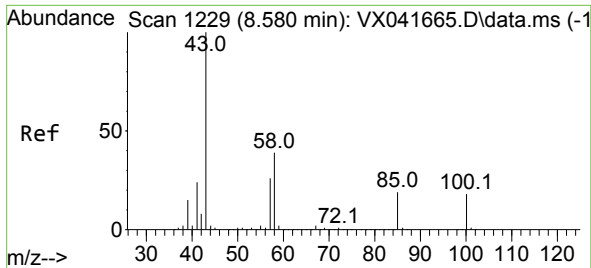
Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Tgt Ion: 98 Resp: 289601

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

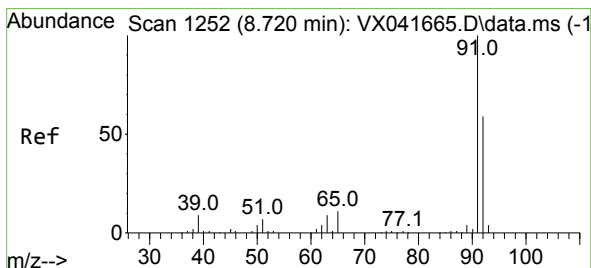
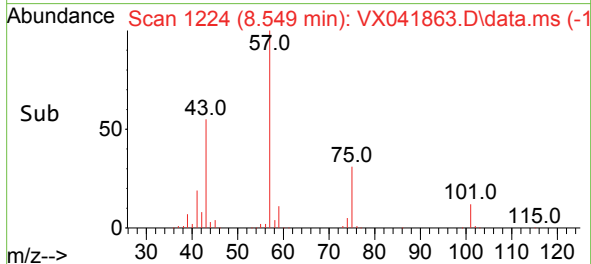
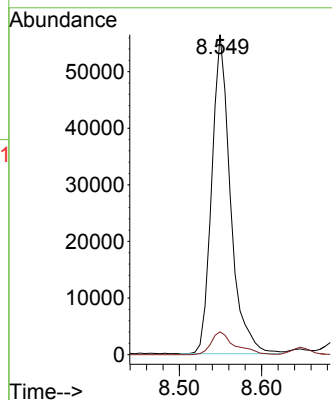
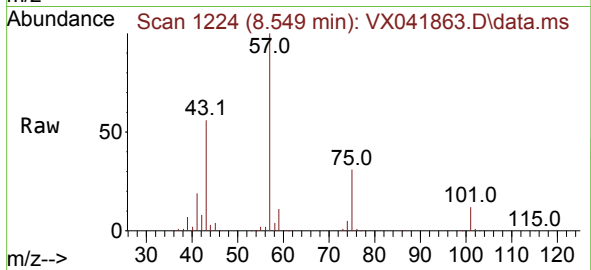




#51
4-Methyl-2-Pentanone
Concen: 35.601 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

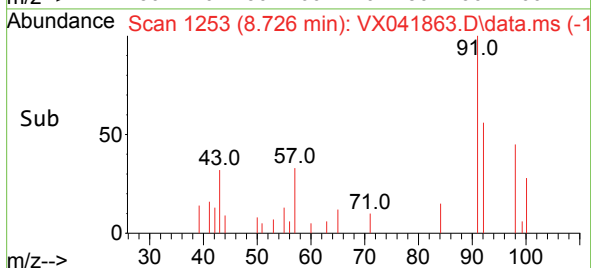
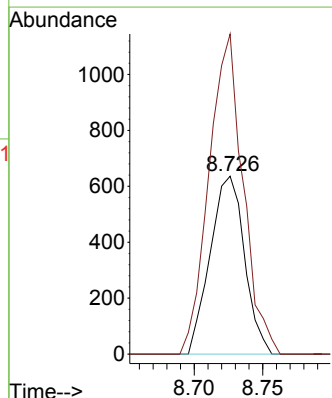
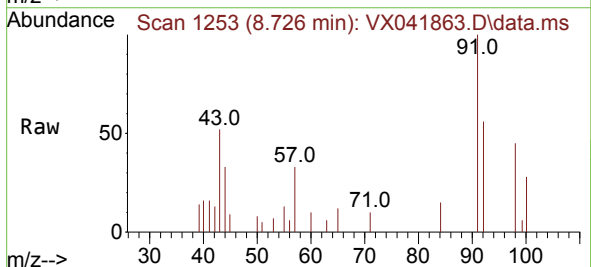
Instrument :
MSVOA_X
ClientSampleId :

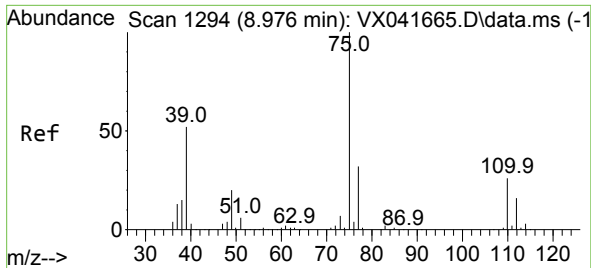
Tgt Ion: 43 Resp: 89100
Ion Ratio Lower Upper
43 100
58 9.0 30.4 45.6#



#52
Toluene
Concen: 0.276 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 92 Resp: 1109
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2

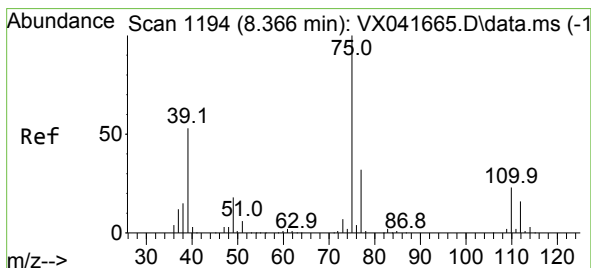
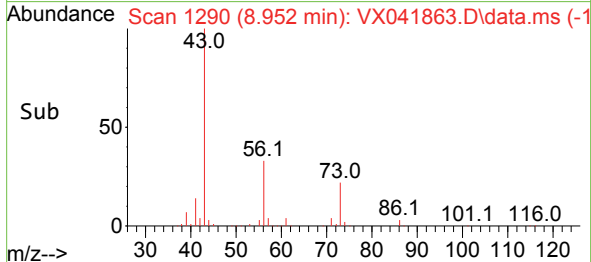
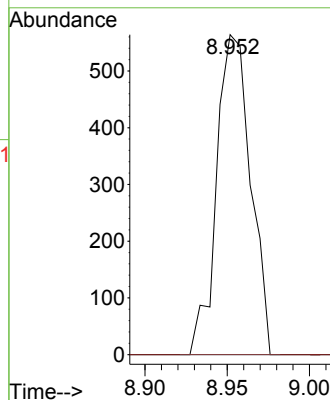
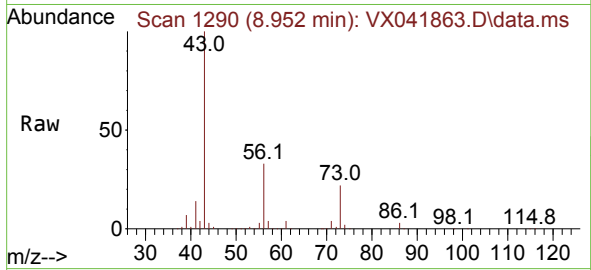




#53
 t-1,3-Dichloropropene
 Concen: 0.387 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX041863.D
 Acq: 13 Jun 2024 18:48

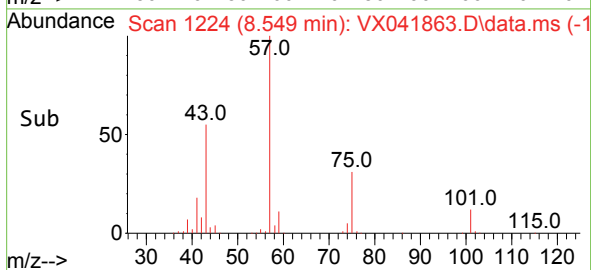
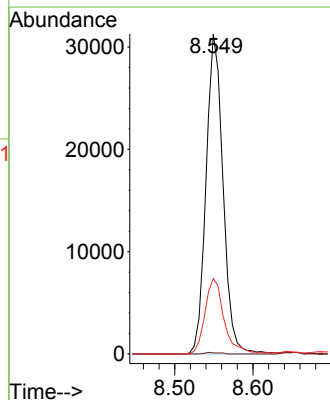
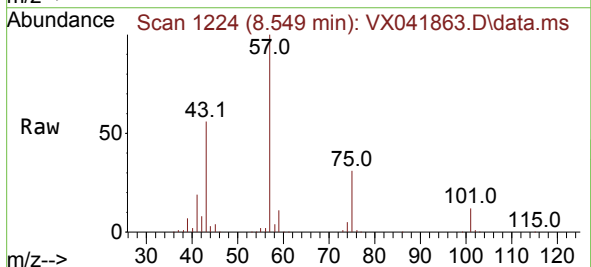
Instrument :
 MSVOA_X
 ClientSampleId :

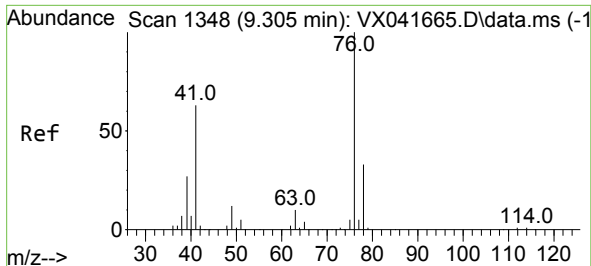
Tgt Ion: 75 Resp: 814
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 20.170 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041863.D
 Acq: 13 Jun 2024 18:48

Tgt Ion: 75 Resp: 46957
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 23.6 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.236 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Instrument :

MSVOA_X

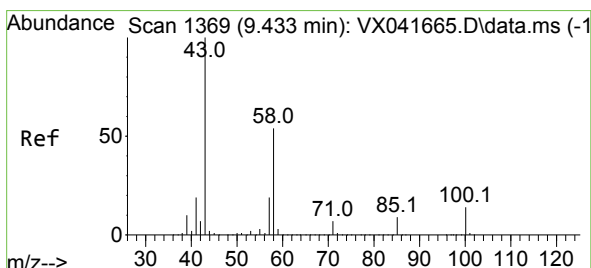
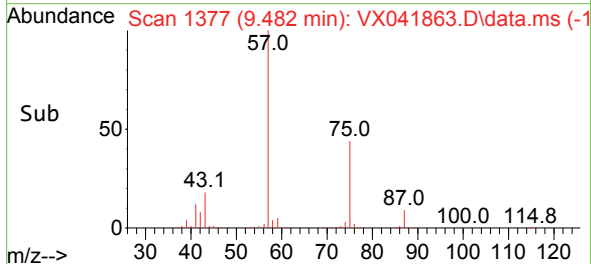
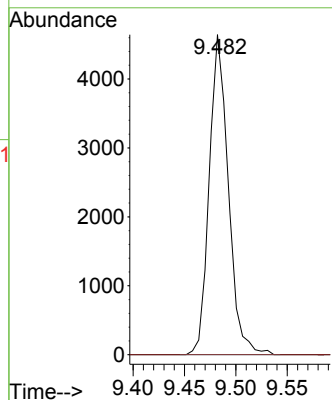
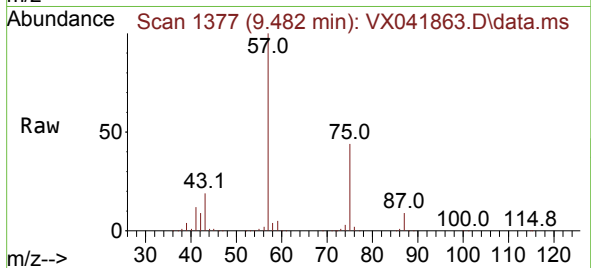
ClientSampleId :

Tgt Ion: 76 Resp: 6014

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 38.760 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041863.D

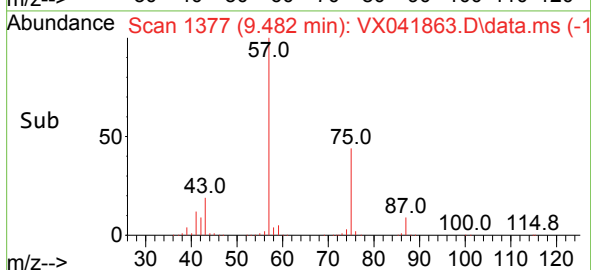
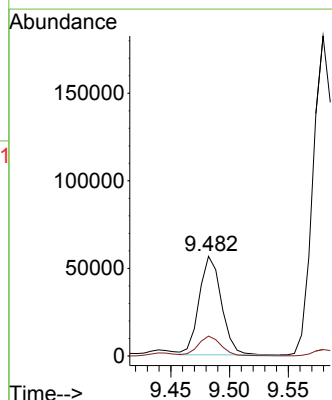
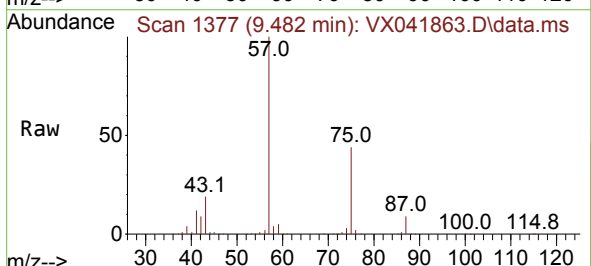
Acq: 13 Jun 2024 18:48

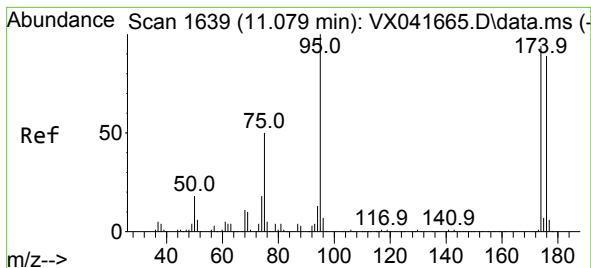
Tgt Ion: 43 Resp: 73959

Ion Ratio Lower Upper

43 100

58 21.3 26.2 78.5#

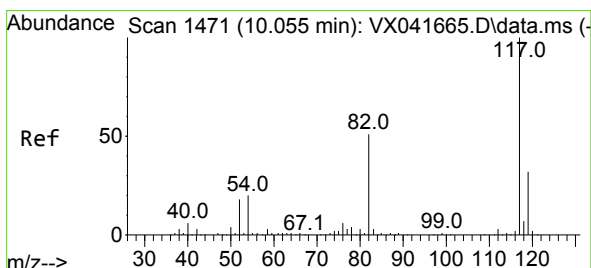
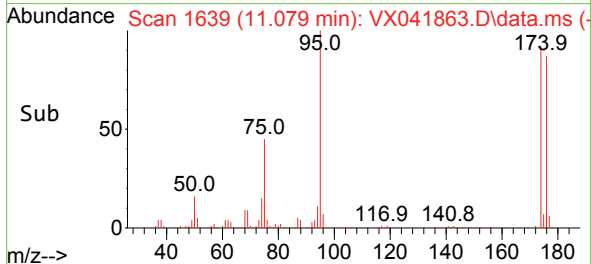
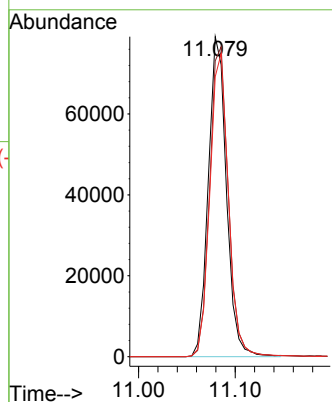
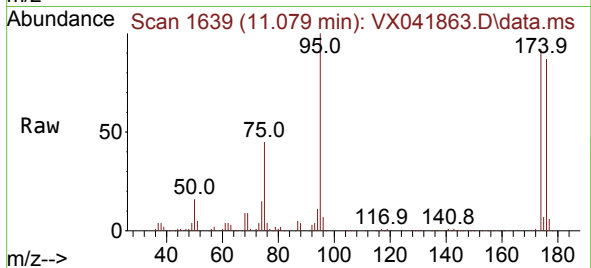




#62
4-Bromofluorobenzene
Concen: 47.862 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

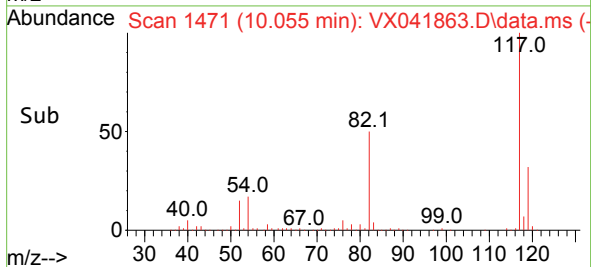
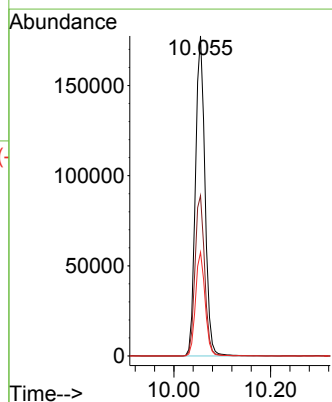
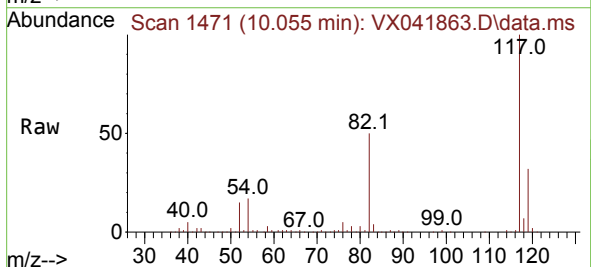
Instrument :
MSVOA_X
ClientSampleId :

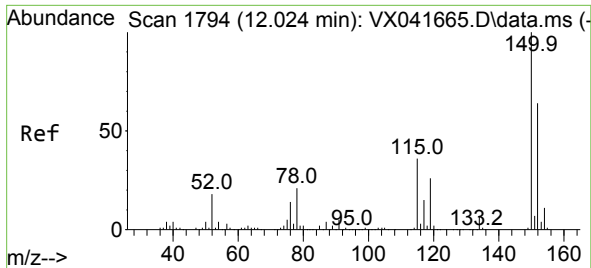
Tgt Ion: 95 Resp: 103256
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 97.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041863.D
Acq: 13 Jun 2024 18:48

Tgt Ion: 117 Resp: 242290
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.4 25.5 38.3

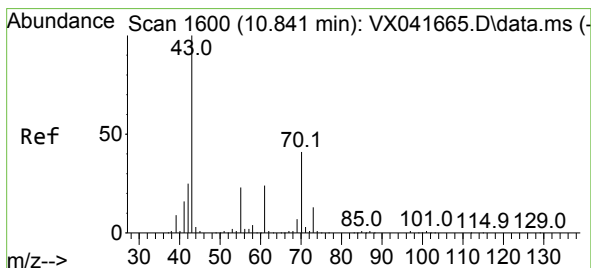
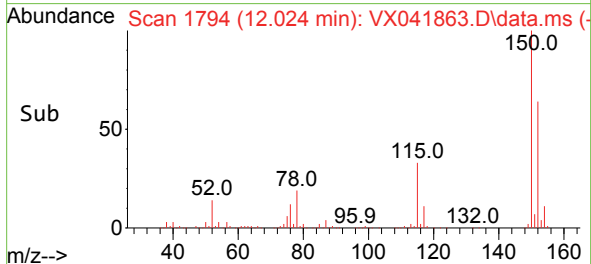
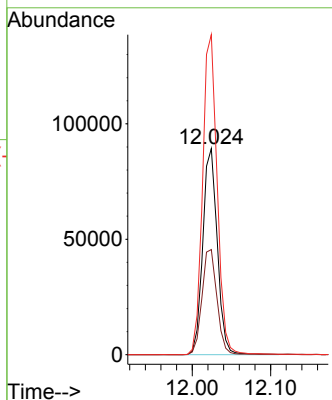
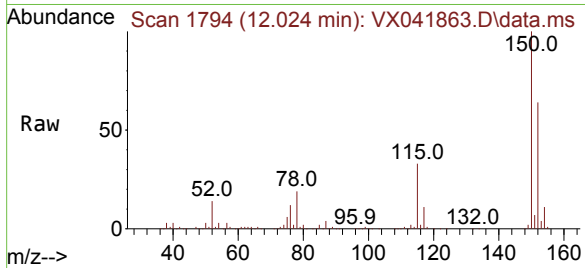




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX041863.D
 Acq: 13 Jun 2024 18:48

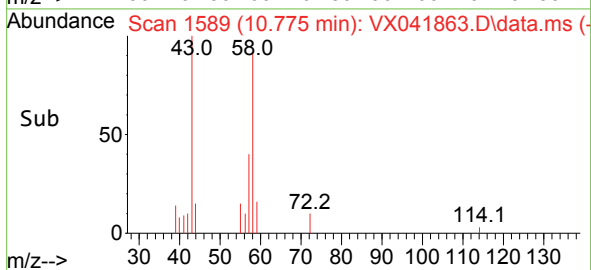
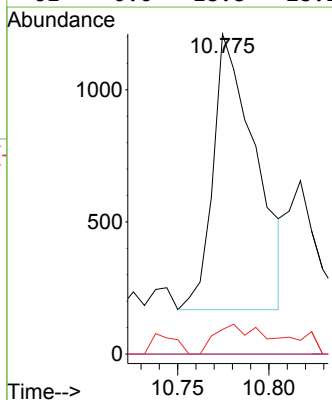
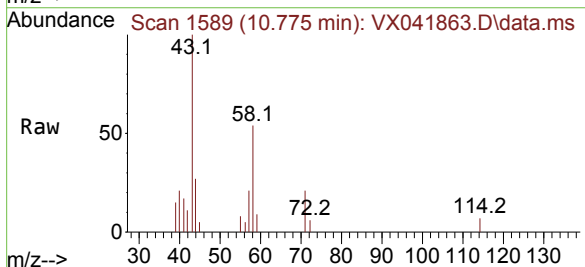
Instrument :
 MSVOA_X
 ClientSampleId :

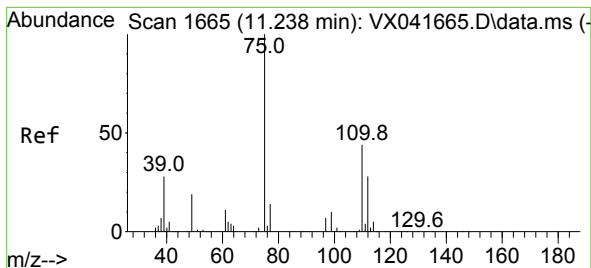
Tgt Ion:152 Resp: 114734
 Ion Ratio Lower Upper
 152 100
 115 53.0 43.3 129.9
 150 156.6 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.533 ug/l
 RT: 10.775 min Scan# 1589
 Delta R.T. -0.067 min
 Lab File: VX041863.D
 Acq: 13 Jun 2024 18:48

Tgt Ion: 43 Resp: 1680
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 12.3 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Instrument :

MSVOA_X

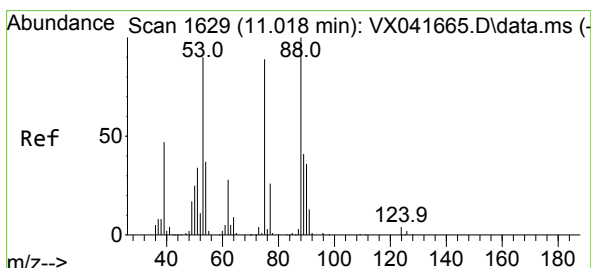
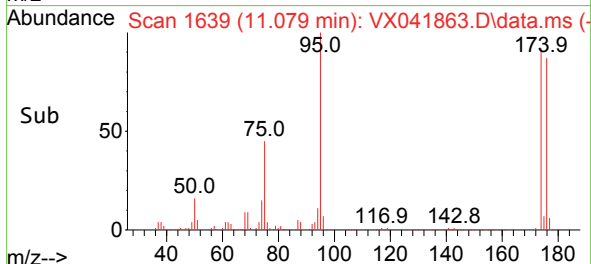
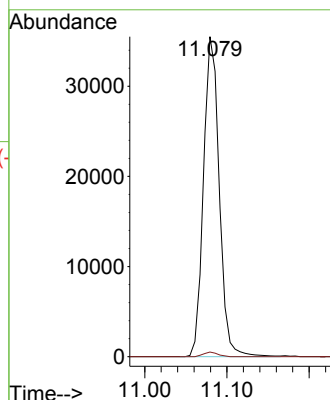
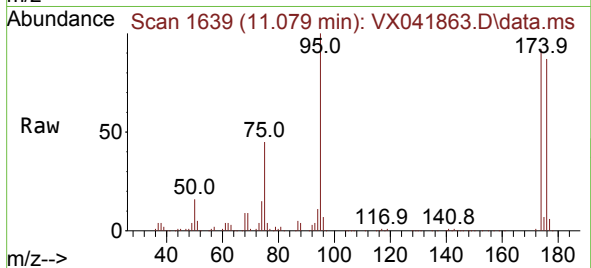
ClientSampleId :

Tgt Ion: 75 Resp: 47308

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.409 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041863.D

Acq: 13 Jun 2024 18:48

Tgt Ion: 75 Resp: 47308

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

