

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041161.D
 Acq On : 18 Apr 2024 14:07
 Operator : JC/MD
 Sample : P2150-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

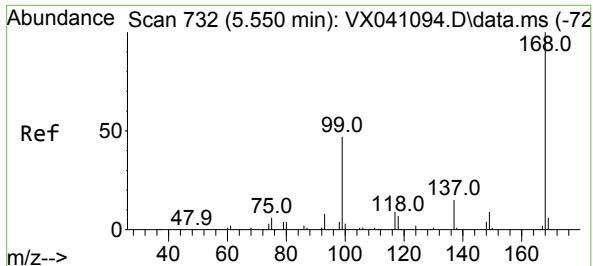
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 19 03:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

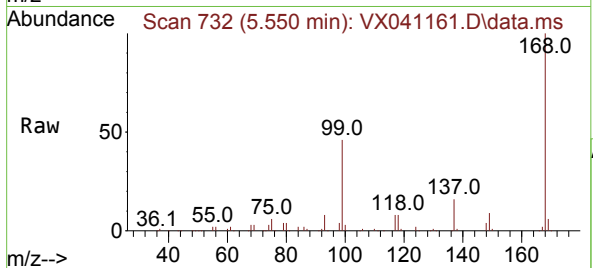
Internal Standards						
1) Pentafluorobenzene	5.550	168	215188	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	319586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110918	47.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.385	113	96924	45.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.647	98	370507	49.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	129979	45.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	842	1.853	ug/l	# 78
16) Acetone	2.392	43	16141	16.529	ug/l	94
18) Methyl Acetate	2.715	43	4053	1.662	ug/l	92
20) Methylene Chloride	2.788	84	27229	13.068	ug/l	90
25) 2-Butanone	4.599	43	1938	1.263	ug/l	93
29) Tetrahydrofuran	5.038	42	1140	1.122	ug/l	# 72
31) Cyclohexane	5.544	56	3212	1.116	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12519	4.632	ug/l	# 51
37) Ethyl Acetate	4.745	43	2340	0.725	ug/l	# 89
38) Carbon Tetrachloride	5.550	117	17463	5.572	ug/l	# 16
41) Methacrylonitrile	5.044	41	598	0.354	ug/l	# 46
43) Isopropyl Acetate	6.342	43	108961	22.733	ug/l	96
48) Methyl methacrylate	7.799	41	93351	39.901	ug/l	# 47
49) 1,4-Dioxane	7.806	88	174	3.183	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	83321	25.589	ug/l	# 51
53) t-1,3-Dichloropropene	8.958	75	742	0.258	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	39542	12.516	ug/l	# 54
57) 1,3-Dichloropropane	9.488	76	5204	1.477	ug/l	# 42
59) 2-Hexanone	9.378	43	107442	42.655	ug/l	# 26
68) m/p-Xylenes	10.311	106	827	0.200	ug/l	98
74) N-amyl acetate	10.640	43	19338	5.706	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	62007	26.270	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	62007	67.010	ug/l	# 5

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

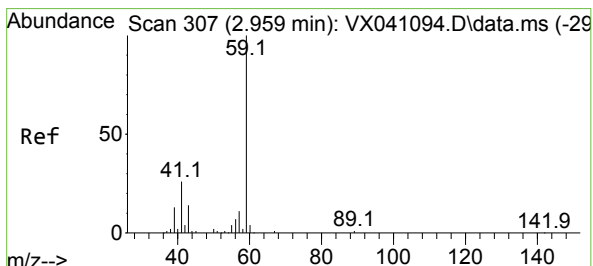
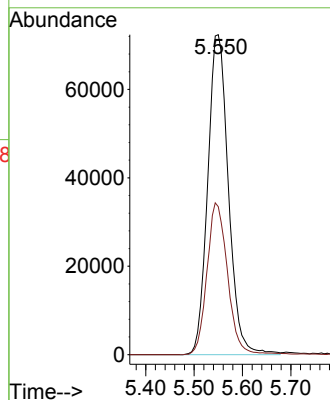
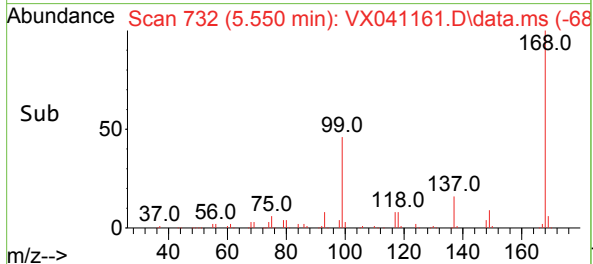


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :

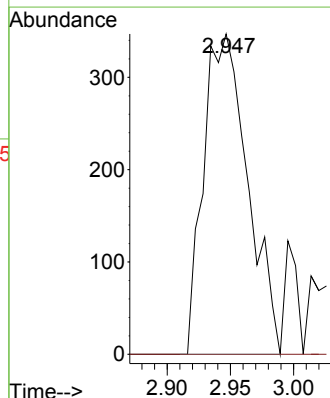
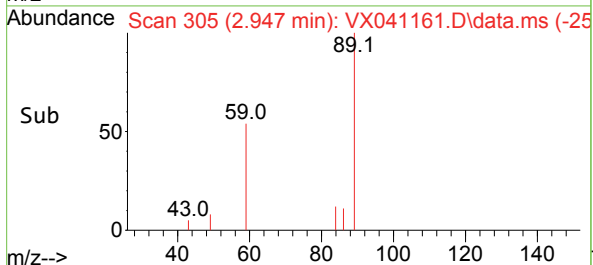
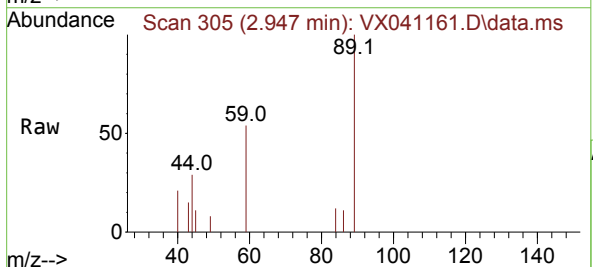


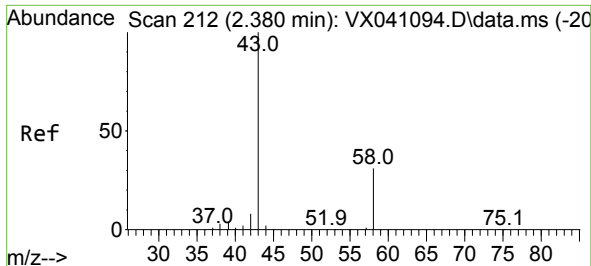
Tgt Ion:168 Resp: 215188
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.853 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion: 59 Resp: 842
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 16.529 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

Instrument :

MSVOA_X

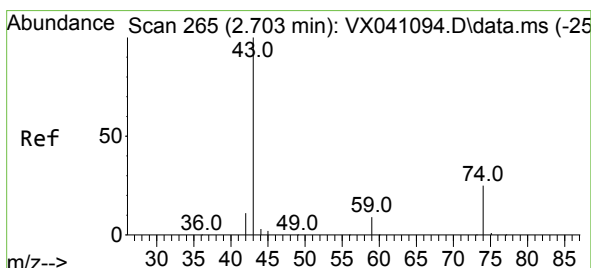
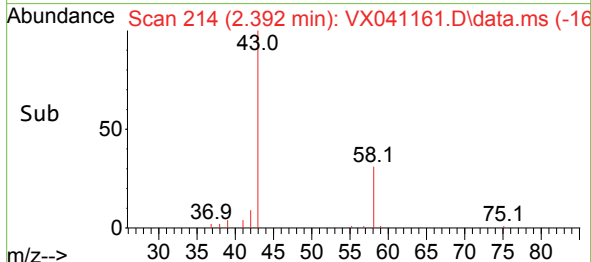
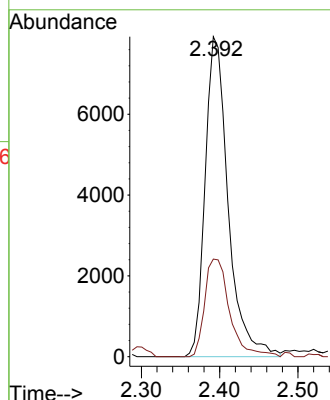
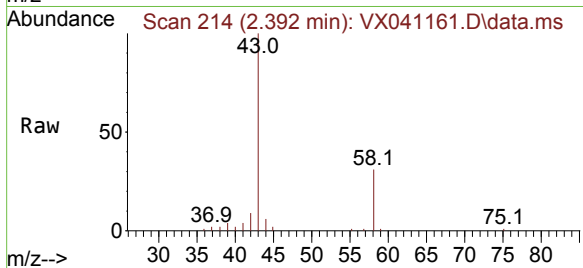
ClientSampleId :

Tgt Ion: 43 Resp: 16141

Ion Ratio Lower Upper

43 100

58 30.5 21.9 32.9



#18

Methyl Acetate

Concen: 1.662 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.012 min

Lab File: VX041161.D

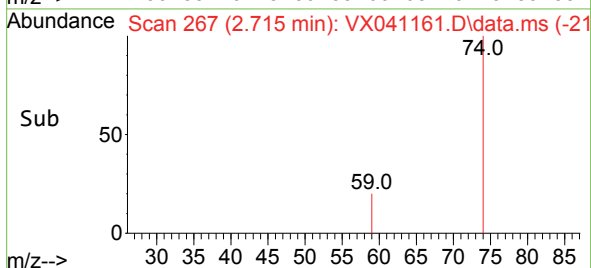
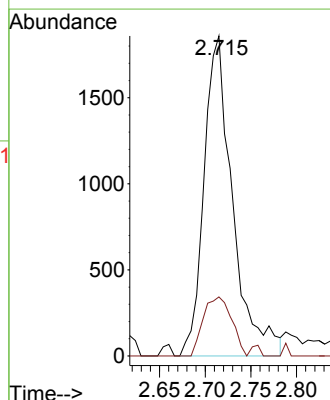
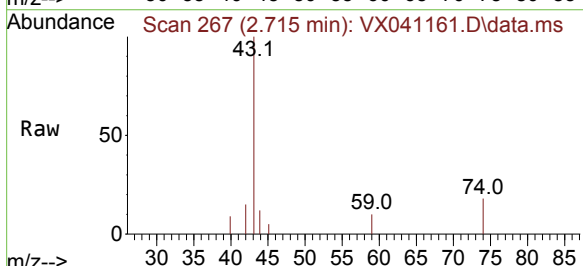
Acq: 18 Apr 2024 14:07

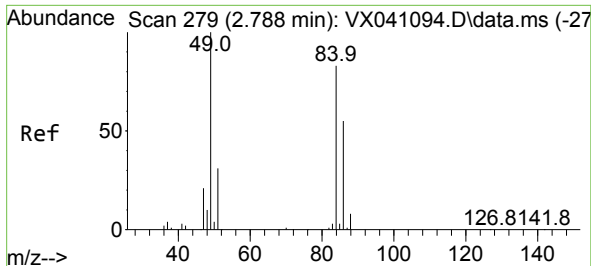
Tgt Ion: 43 Resp: 4053

Ion Ratio Lower Upper

43 100

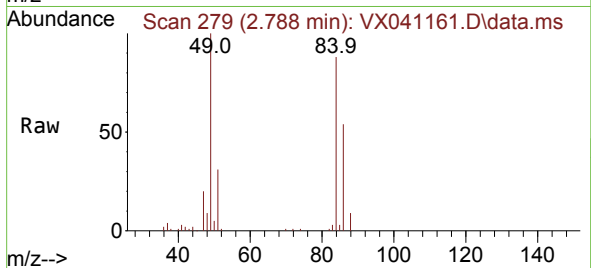
74 18.3 17.8 26.8



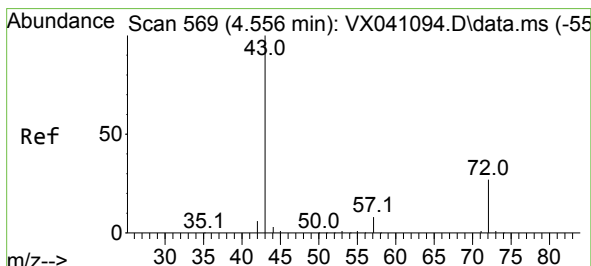
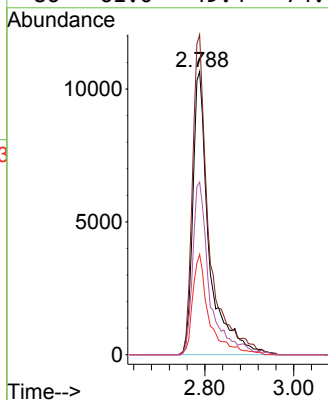
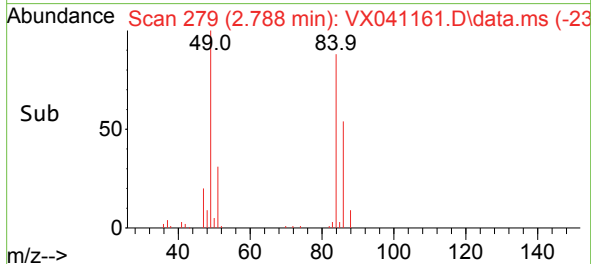


#20
Methylene Chloride
Concen: 13.068 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :

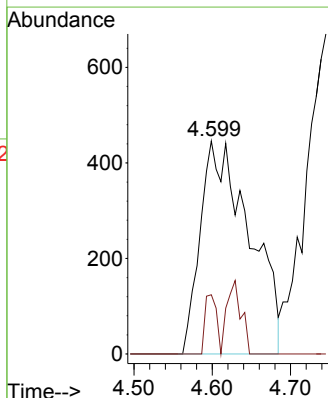
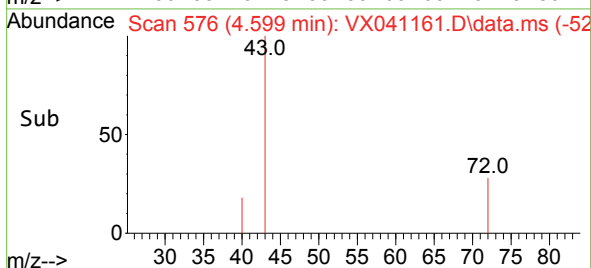
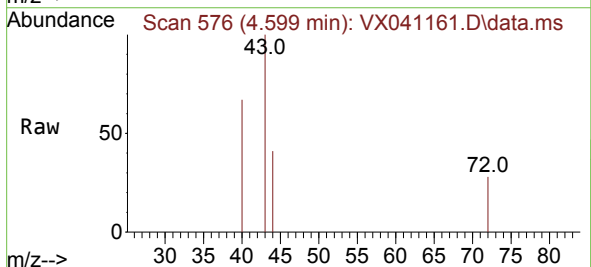


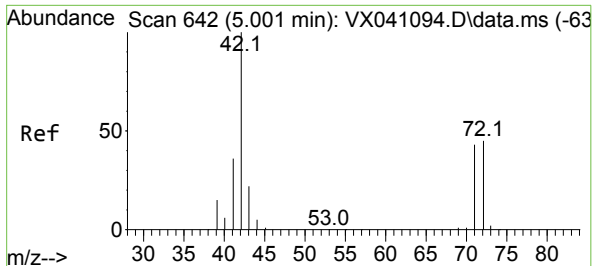
Tgt Ion:	84	Resp:	27229
Ion	Ratio	Lower	Upper
84	100		
49	113.1	103.6	155.4
51	35.5	33.8	50.6
86	61.0	49.4	74.0



#25
2-Butanone
Concen: 1.263 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion:	43	Resp:	1938
Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.4	29.2





#29

Tetrahydrofuran

Concen: 1.122 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.037 min

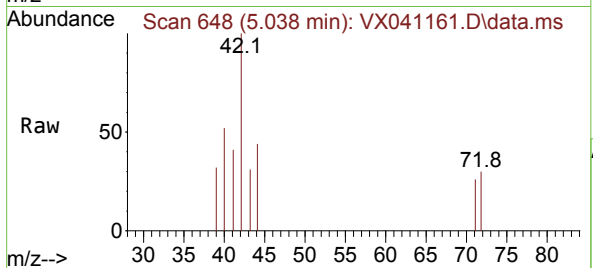
Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

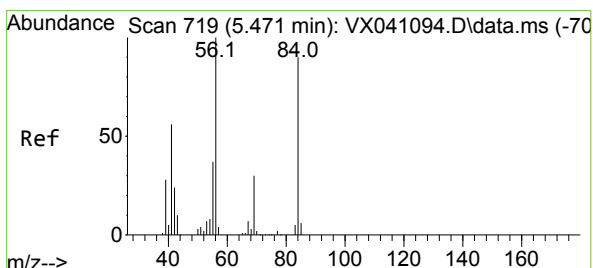
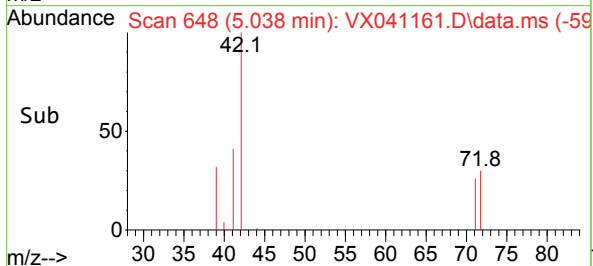
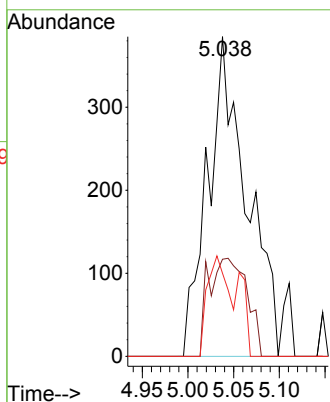
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	1140
Ion	Ratio	Lower	Upper
42	100		
72	30.2	34.2	51.4#
71	17.2	32.2	48.2#



#31

Cyclohexane

Concen: 1.116 ug/l

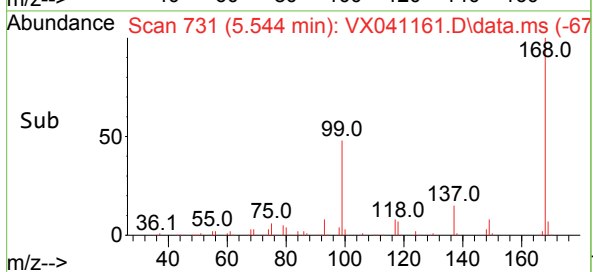
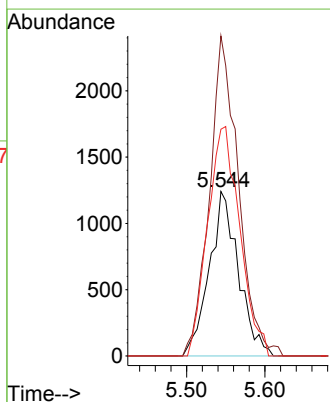
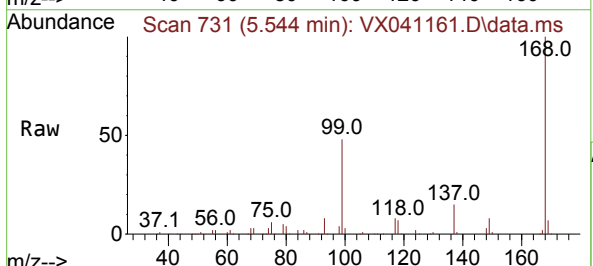
RT: 5.544 min Scan# 731

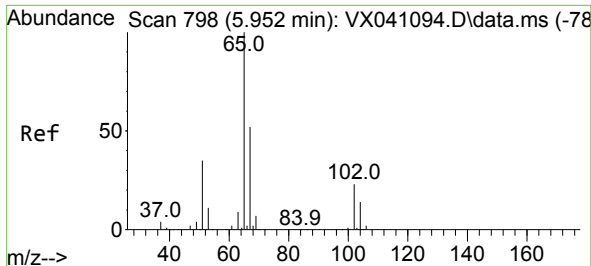
Delta R.T. 0.073 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

Tgt Ion:	56	Resp:	3212
Ion	Ratio	Lower	Upper
56	100		
69	194.5	23.4	35.2#
84	137.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.742 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

Instrument :

MSVOA_X

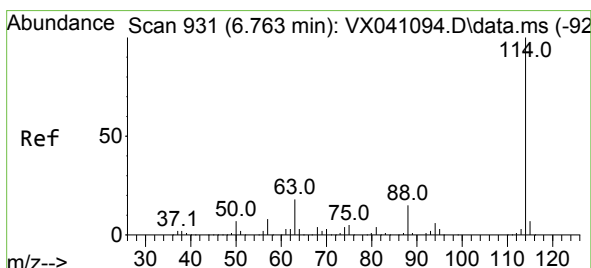
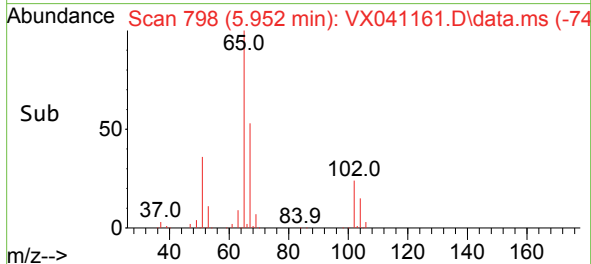
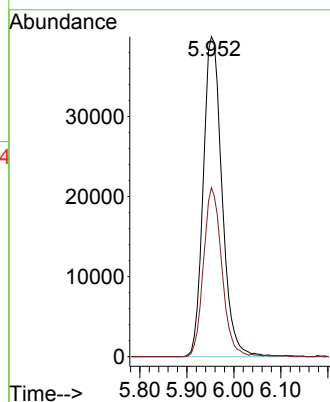
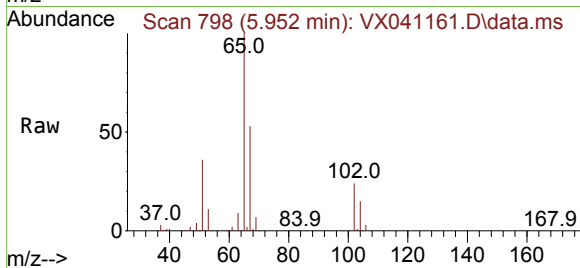
ClientSampleId :

Tgt Ion: 65 Resp: 110918

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

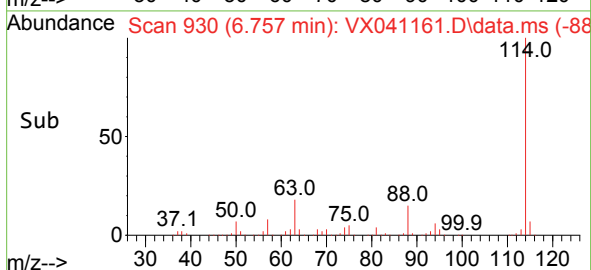
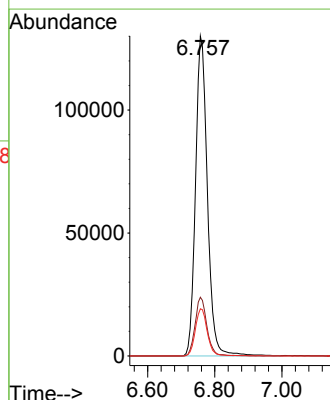
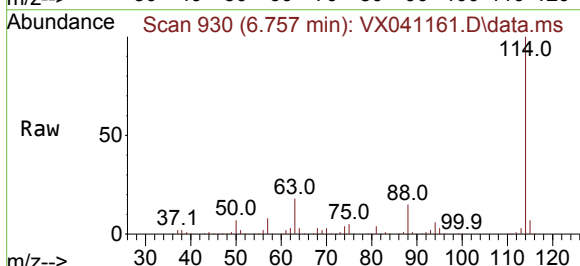
Tgt Ion: 114 Resp: 319586

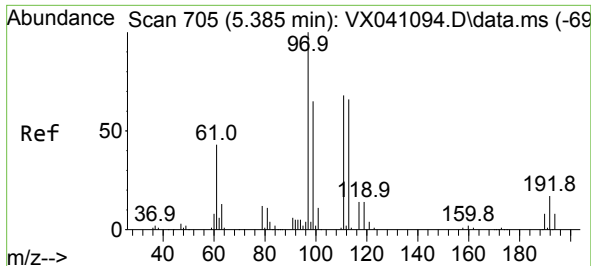
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

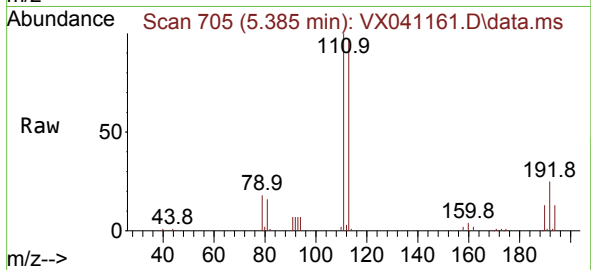
88 14.7 0.0 36.6



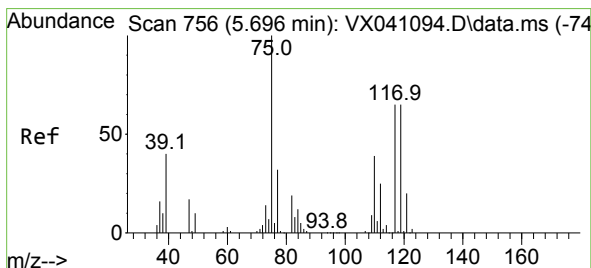
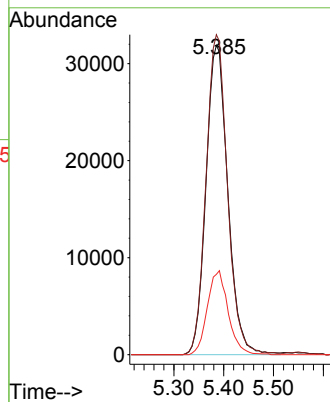
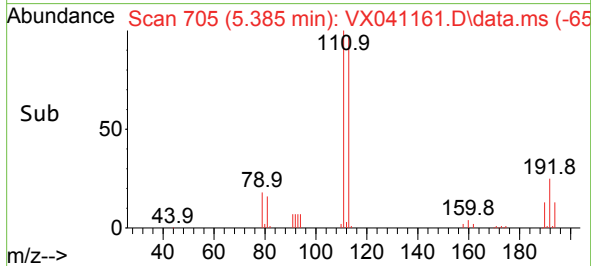


#35
Dibromofluoromethane
Concen: 45.400 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :

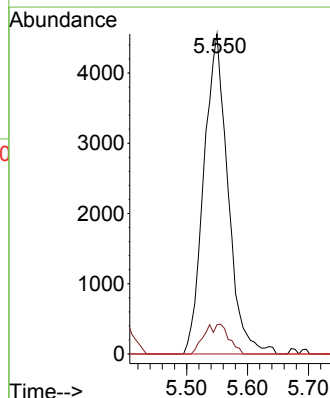
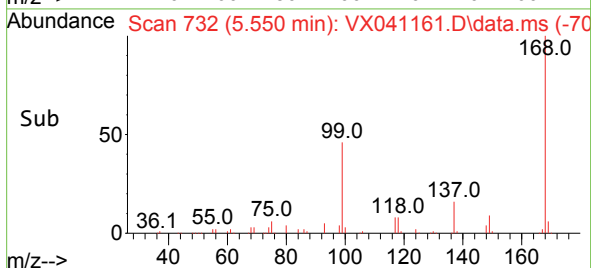
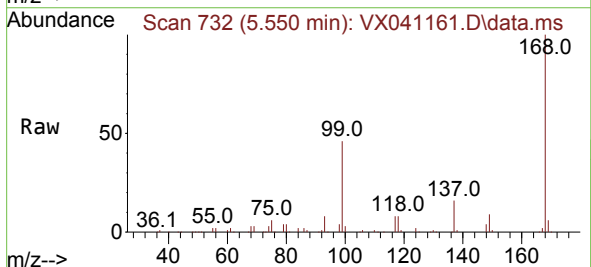


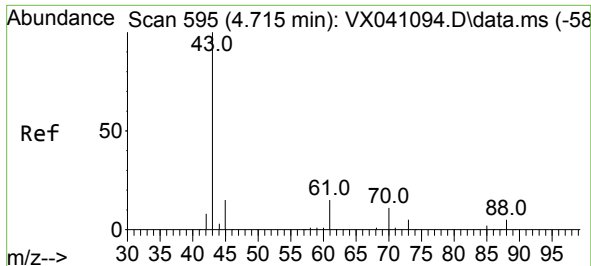
Tgt Ion:113 Resp: 96924
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion: 75 Resp: 12519
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.725 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.030 min

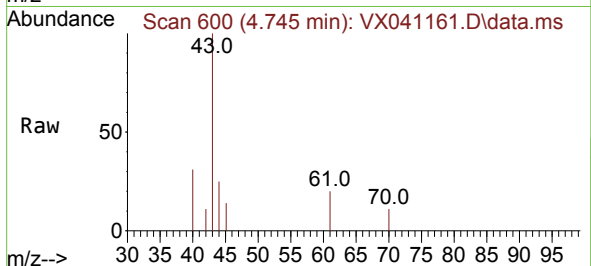
Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

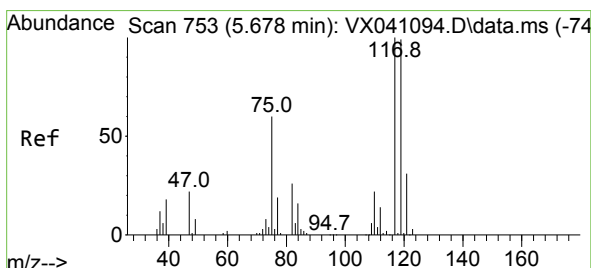
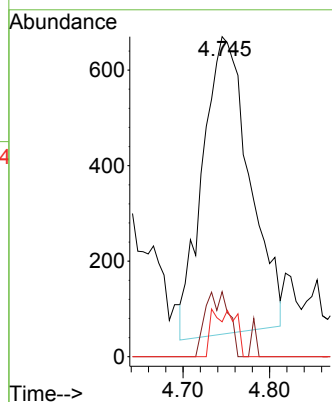
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	2340
Ion	Ratio	Lower	Upper
43	100		
61	10.9	10.6	16.0
70	4.0	8.3	12.5



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

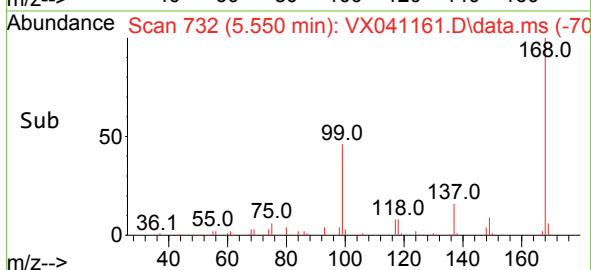
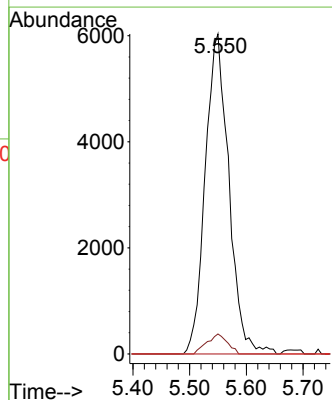
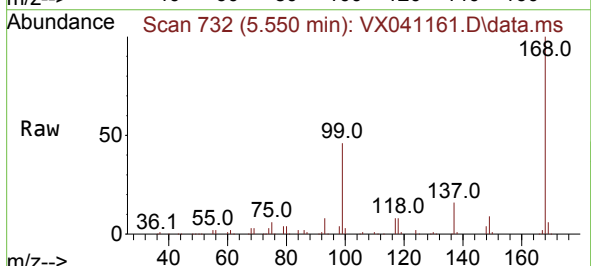
RT: 5.550 min Scan# 732

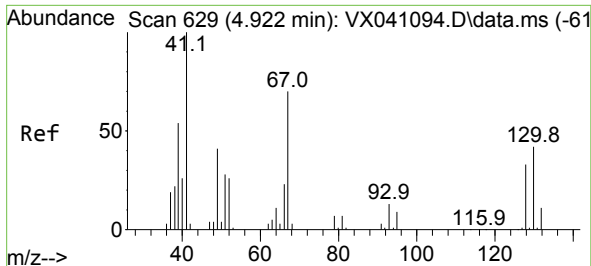
Delta R.T. -0.128 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

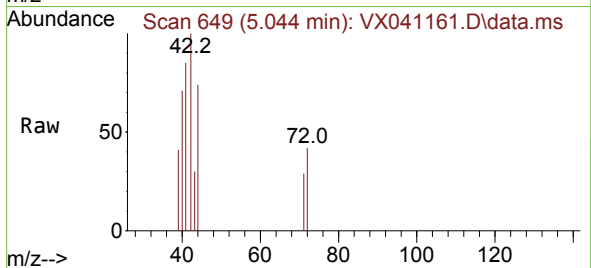
Tgt Ion:	117	Resp:	17463
Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.2	117.2
121	0.0	24.4	36.6



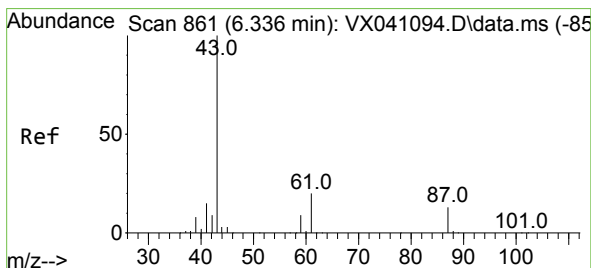
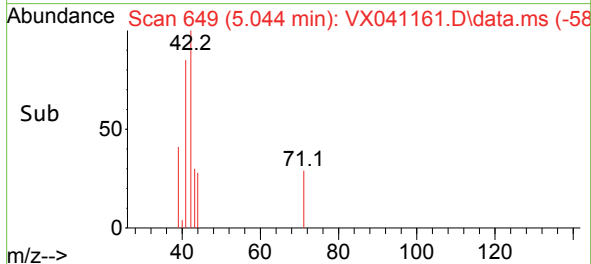
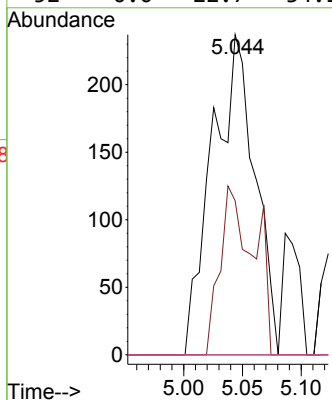


#41
Methacrylonitrile
Concen: 0.354 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.122 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :

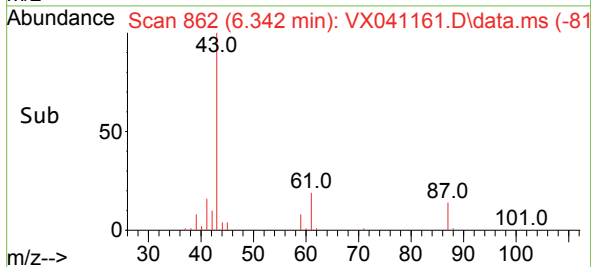
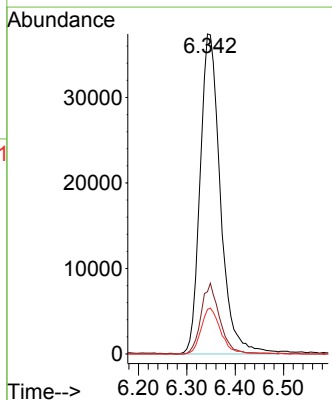
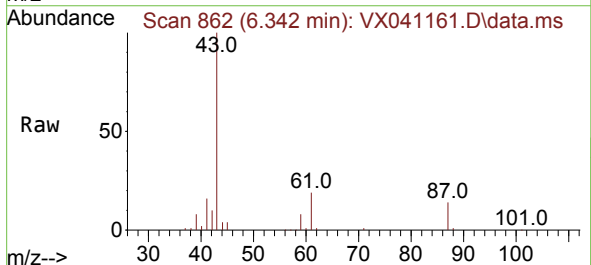


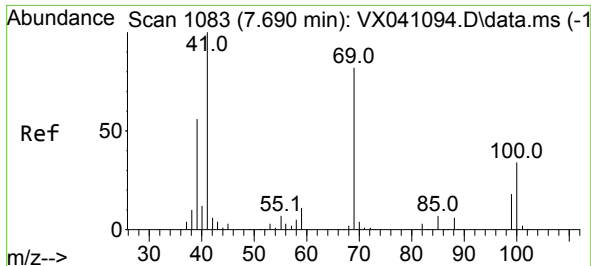
Tgt Ion: 41 Resp: 598
Ion Ratio Lower Upper
41 100
39 42.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#43
Isopropyl Acetate
Concen: 22.733 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion: 43 Resp: 108961
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 14.0 9.8 14.6

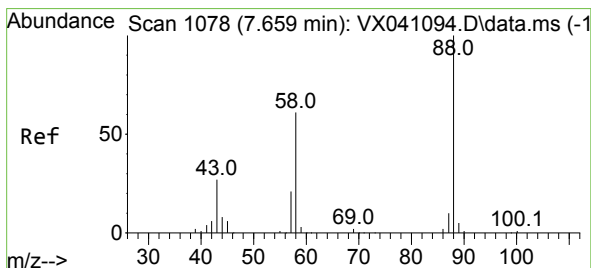
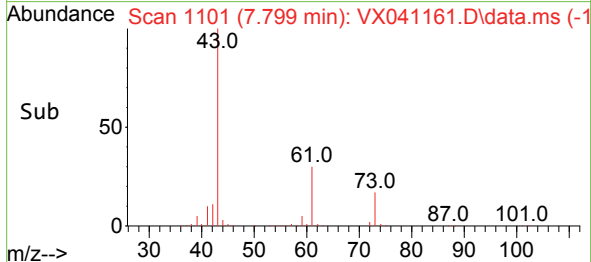
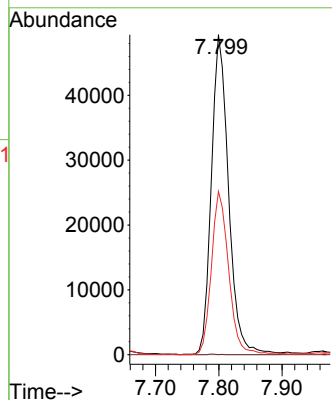
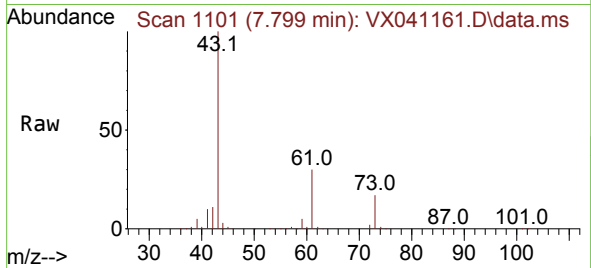




#48
Methyl methacrylate
Concen: 39.901 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

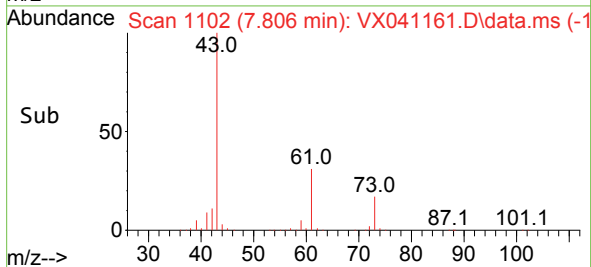
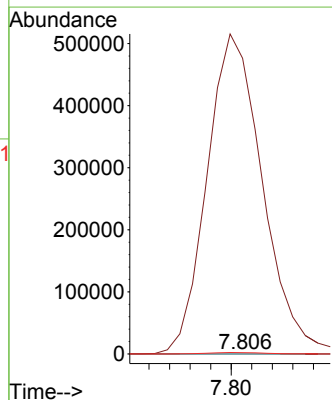
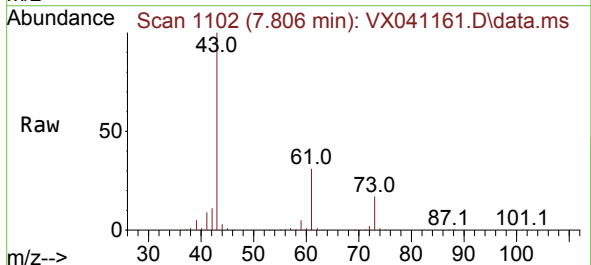
Instrument :
MSVOA_X
ClientSampleId :

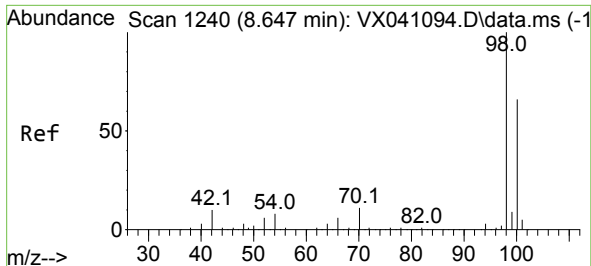
Tgt Ion: 41 Resp: 93351
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 51.4 47.7 71.5



#49
1,4-Dioxane
Concen: 3.183 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.146 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
43 565872.4 0.0 0.0#
58 2713.8 60.1 90.1#

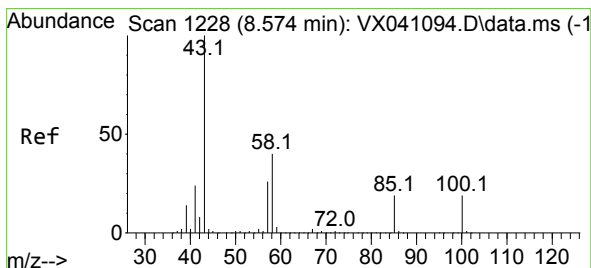
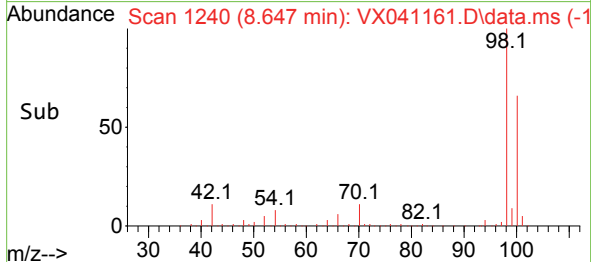
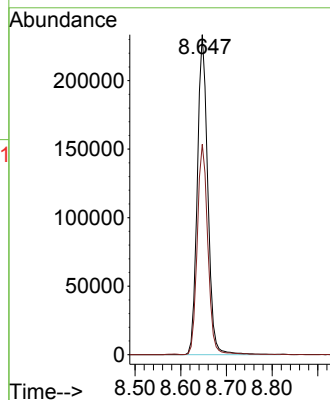
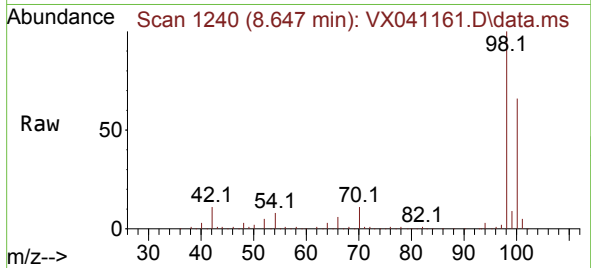




#50
Toluene-d8
Concen: 49.547 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

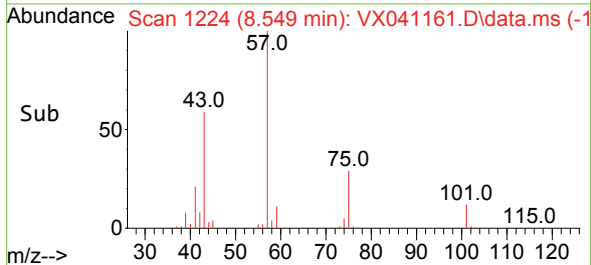
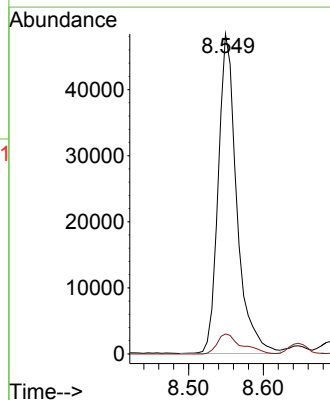
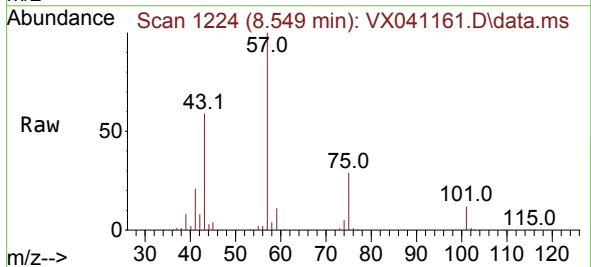
Instrument :
MSVOA_X
ClientSampleId :

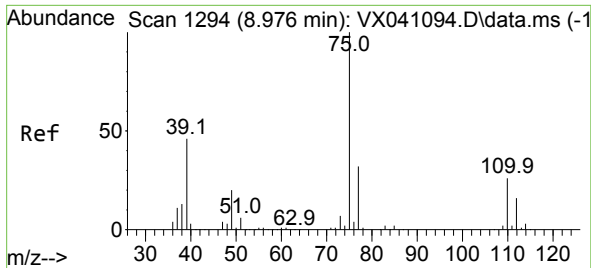
Tgt Ion: 98 Resp: 370507
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 25.589 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion: 43 Resp: 83321
Ion Ratio Lower Upper
43 100
58 8.2 30.4 45.6#

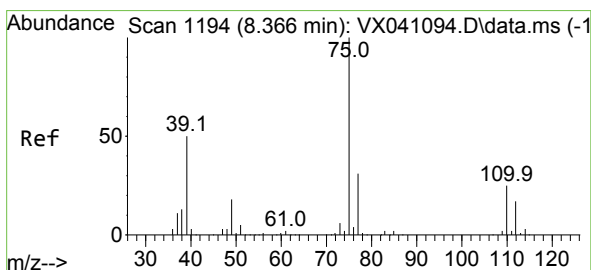
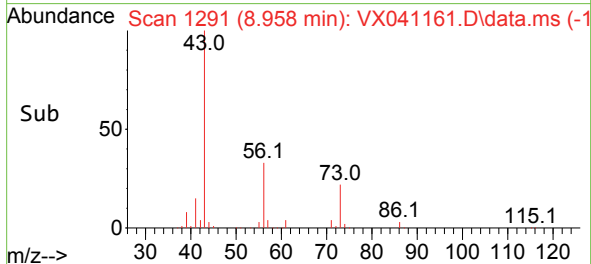
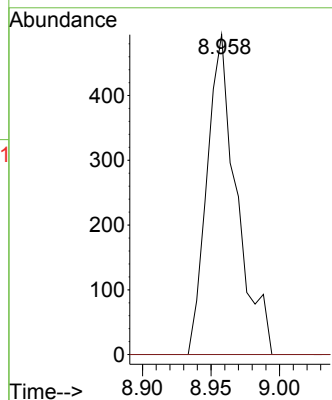
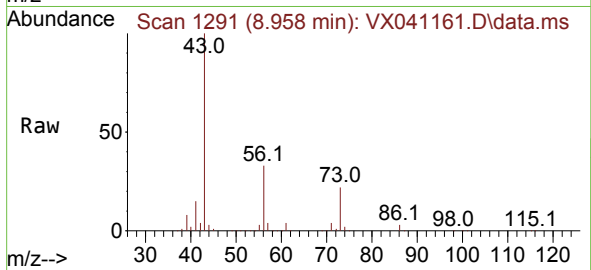




#53
 t-1,3-Dichloropropene
 Concen: 0.258 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX041161.D
 Acq: 18 Apr 2024 14:07

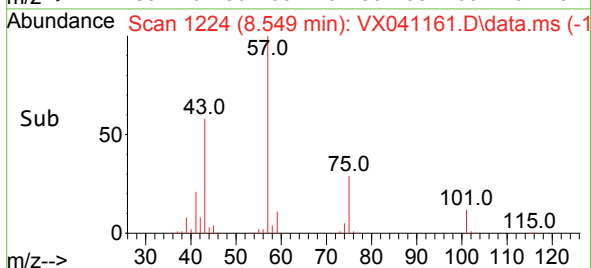
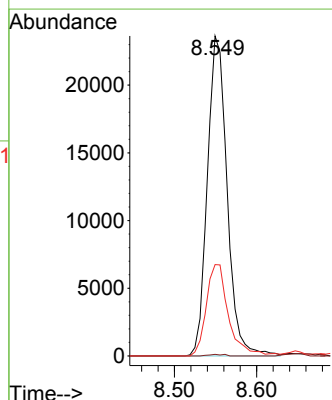
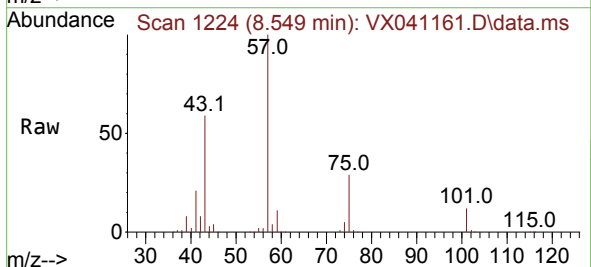
Instrument :
 MSVOA_X
 ClientSampleId :

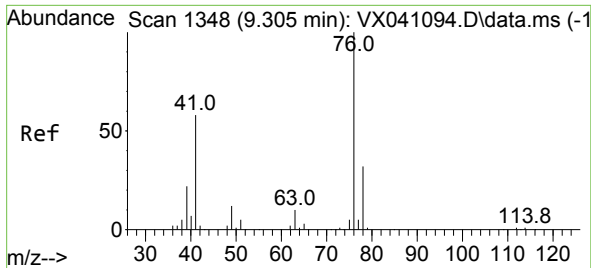
Tgt Ion: 75 Resp: 742
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 12.516 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX041161.D
 Acq: 18 Apr 2024 14:07

Tgt Ion: 75 Resp: 39542
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 28.6 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.477 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.183 min

Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

Instrument :

MSVOA_X

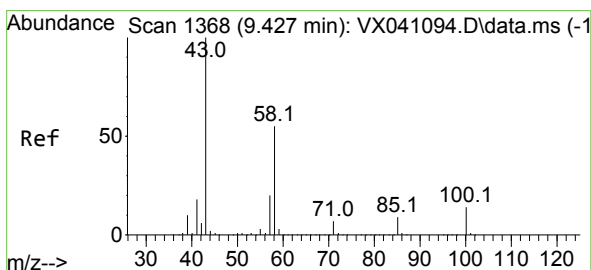
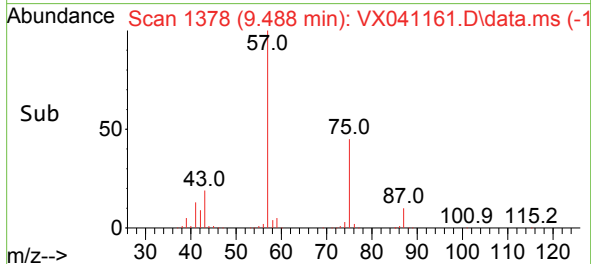
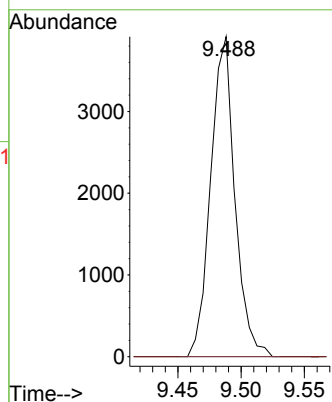
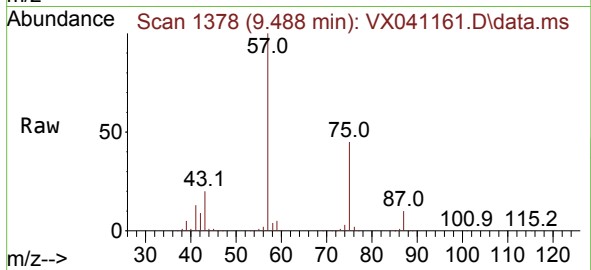
ClientSampleId :

Tgt Ion: 76 Resp: 5204

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 42.655 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX041161.D

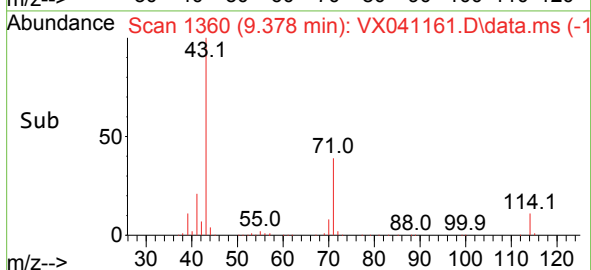
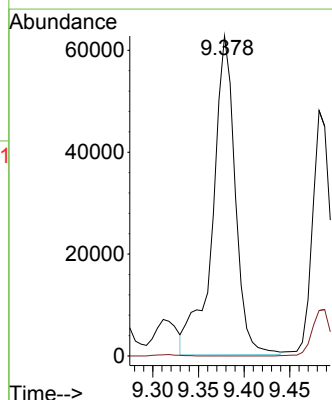
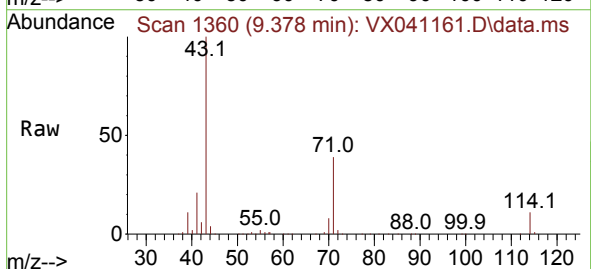
Acq: 18 Apr 2024 14:07

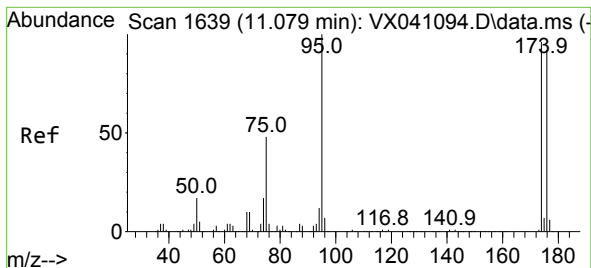
Tgt Ion: 43 Resp: 107442

Ion Ratio Lower Upper

43 100

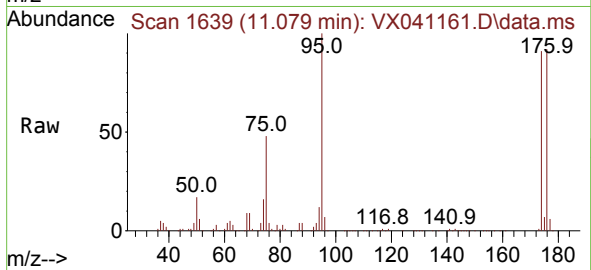
58 0.0 26.2 78.5#



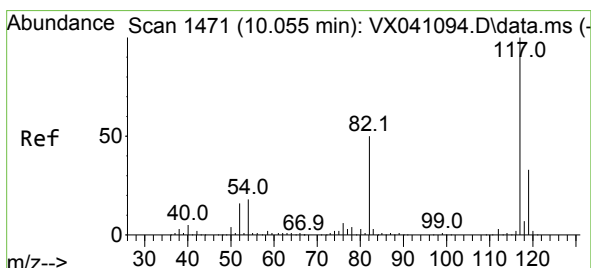
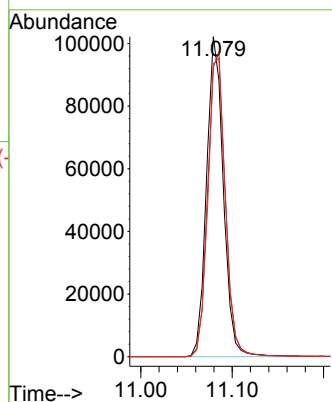
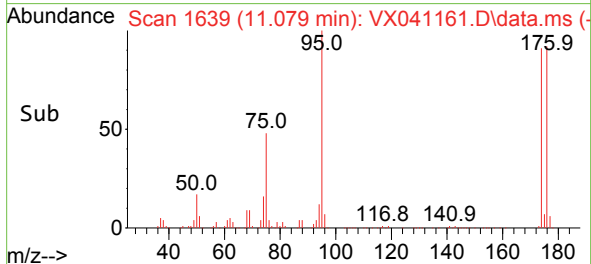


#62
4-Bromofluorobenzene
Concen: 45.788 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

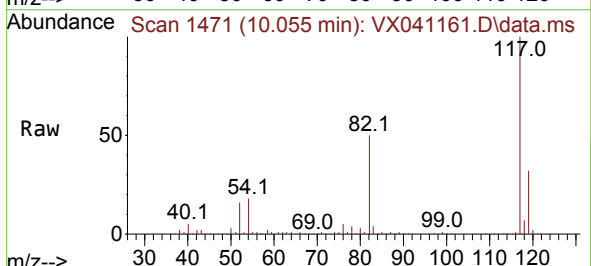
Instrument :
MSVOA_X
ClientSampleId :



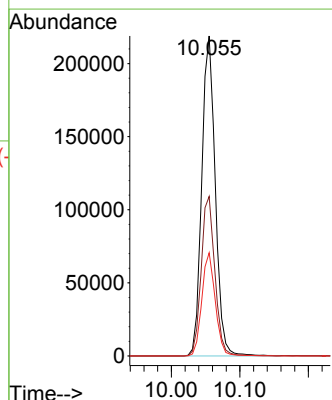
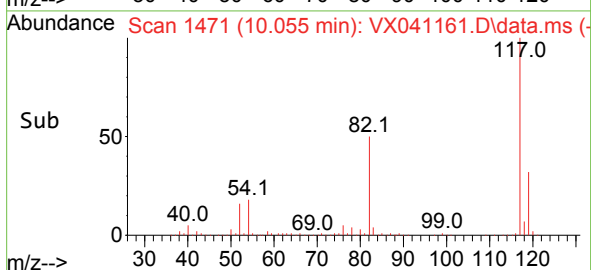
Tgt Ion: 95 Resp: 129979
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 97.5 0.0 131.0

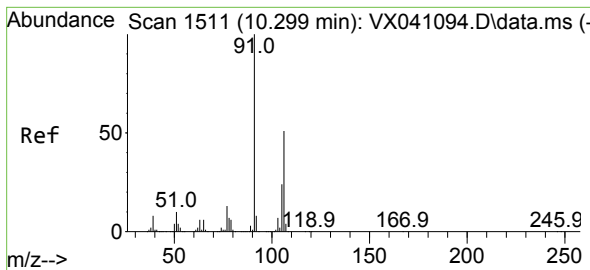


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07



Tgt Ion: 117 Resp: 301107
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.3 25.5 38.3

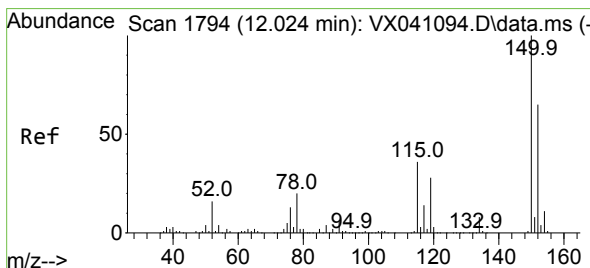
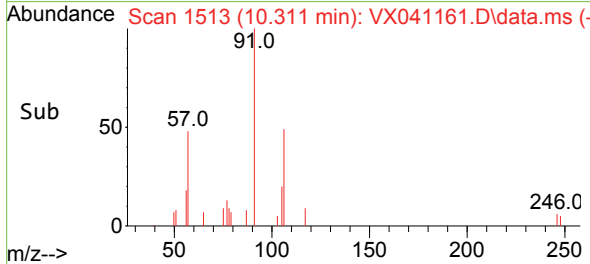
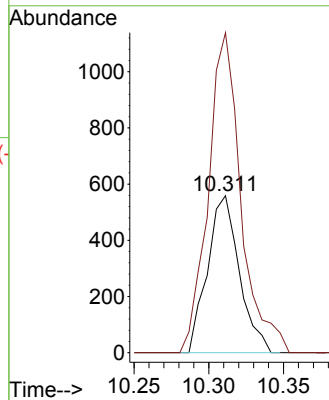
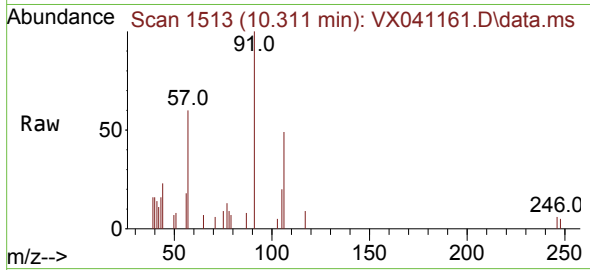




#68
m/p-Xylenes
Concen: 0.200 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

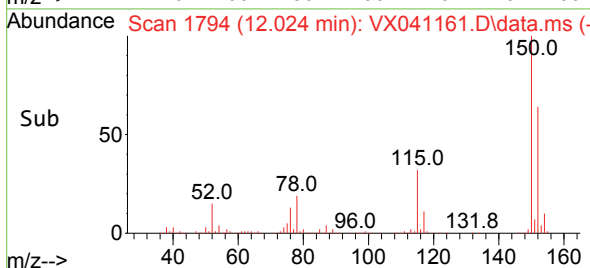
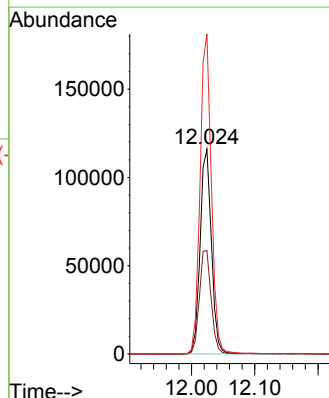
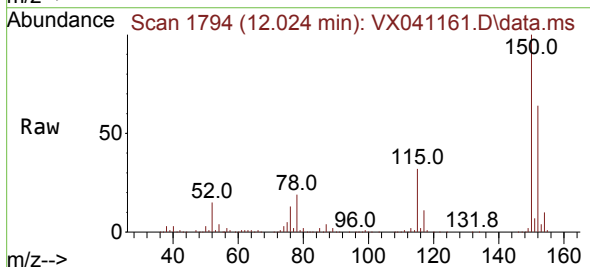
Instrument :
MSVOA_X
ClientSampleId :

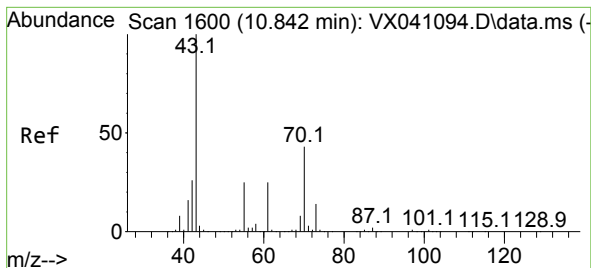
Tgt Ion:106 Resp: 827
Ion Ratio Lower Upper
106 100
91 209.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041161.D
Acq: 18 Apr 2024 14:07

Tgt Ion:152 Resp: 144840
Ion Ratio Lower Upper
152 100
115 52.4 43.3 129.9
150 156.1 0.0 345.0





#74

N-amy1 acetate

Concen: 5.706 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

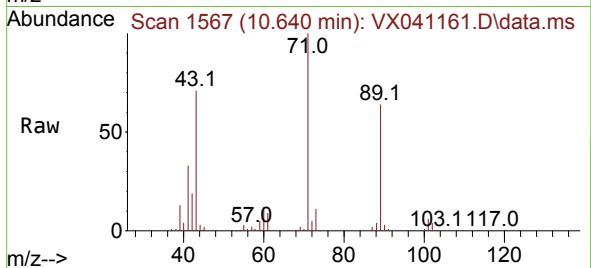
Lab File: VX041161.D

Acq: 18 Apr 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 19338

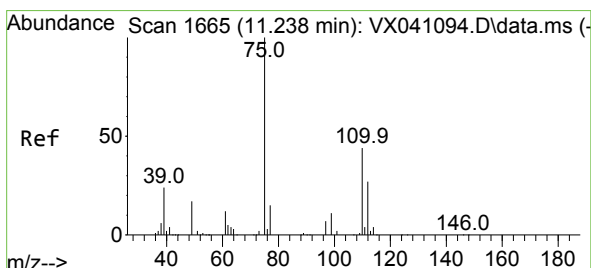
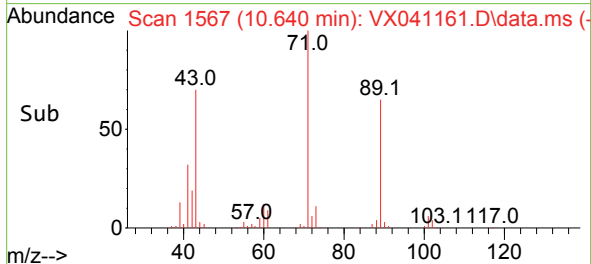
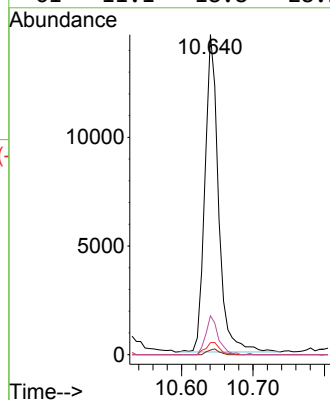
Ion Ratio Lower Upper

43 100

70 1.5 32.9 49.3#

55 4.0 19.3 28.9#

61 11.1 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.270 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041161.D

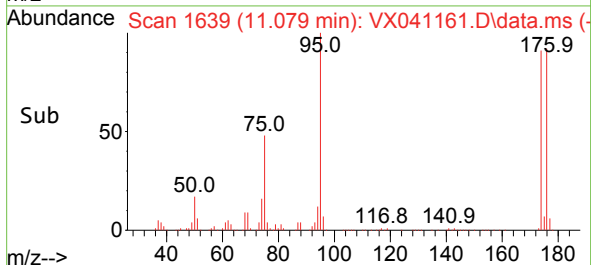
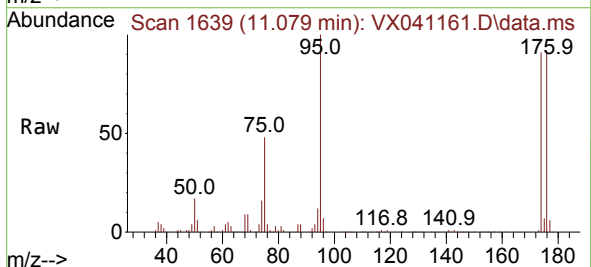
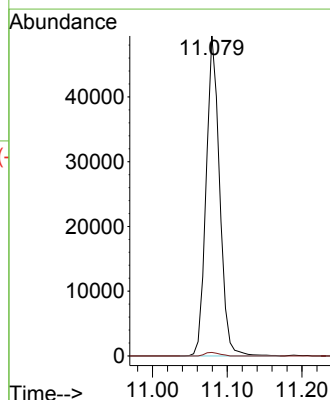
Acq: 18 Apr 2024 14:07

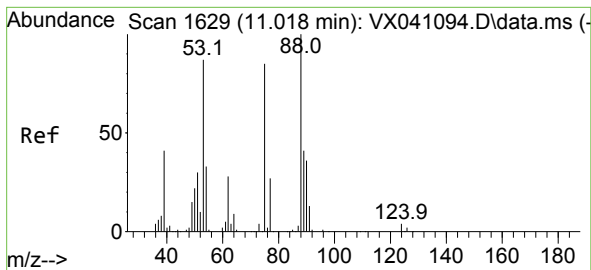
Tgt Ion: 75 Resp: 62007

Ion Ratio Lower Upper

75 100

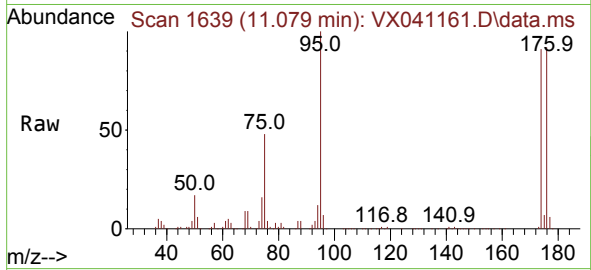
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.010 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041161.D
 Acq: 18 Apr 2024 14:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 62007
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

