

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041963.D
 Acq On : 20 Jun 2024 14:11
 Operator : JC/MD
 Sample : P2981-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:17:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	28988	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	156856	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144939	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59518	29.826	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	11.079	95	64957	28.953	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.500%
63) Toluene-d8	8.647	98	184901	29.818	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	420	0.200	ug/l #	41
5) Bromomethane	1.599	94	280	0.255	ug/l #	53
6) Chloroethane	1.654	64	249	0.284	ug/l #	81
8) Diethyl Ether	2.136	74	4478	4.005	ug/l	97
11) Methyl Iodide	2.453	142	546	0.237	ug/l #	79
12) Methyl Acetate	2.709	43	2119	0.938	ug/l	98
13) Acrolein	2.483	56	965	2.119	ug/l #	56
14) Acrylonitrile	3.075	53	383	0.357	ug/l #	44
15) Acetone	2.392	58	127390	415.394	ug/l	99
16) Carbon Disulfide	2.495	76	7441	1.917	ug/l #	89
17) Allyl chloride	2.654	41	12599	4.683	ug/l #	44
23) tert-Butyl Alcohol	3.001	59	2374875	5958.552	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	13280	2.423	ug/l #	76
30) 2-Butanone	4.568	43	493257	360.592	ug/l	96
31) 2,2-Dichloropropane	4.617	77	103852	46.296	ug/l #	50
34) Benzene	6.037	78	31652	4.641	ug/l	99
45) 1,4-Dioxane	7.677	88	4904	104.727	ug/l #	88
50) 1,1,2-Trichloroethane	9.080	97	937	0.536	ug/l #	22
58) 4-Methyl-2-Pentanone	8.580	43	16267	6.263	ug/l #	87
59) 2-Hexanone	9.445	43	4185	2.088	ug/l #	79
62) Toluene	8.720	91	32195	4.390	ug/l	99
64) Chlorobenzene	10.079	112	7449	1.491	ug/l	91
66) Ethyl Benzene	10.195	91	42556	5.307	ug/l	96
67) m/p-Xylenes	10.305	106	22237	6.894	ug/l	100
68) o-Xylene	10.640	106	13988	4.350	ug/l	96
70) Isopropylbenzene	10.963	105	10688	1.322	ug/l	99
74) n-propylbenzene	11.305	91	5243	0.590	ug/l	98
75) 2-Chlorotoluene	11.372	91	2110	0.374	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	4562	0.673	ug/l	92
77) t-1,4-Dichloro-2-butene	11.018	75	464	0.553	ug/l #	25
78) 4-Chlorotoluene	11.372	91	2110	0.337	ug/l	93
80) 1,2,4-Trimethylbenzene	11.750	105	19536	2.887	ug/l	100
82) p-Isopropyltoluene	12.006	119	21241	2.890	ug/l	98
83) 1,3-Dichlorobenzene	12.043	146	14772	3.513	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	14772	3.529	ug/l	96
86) Hexachloroethane	12.530	117	393	0.327	ug/l #	1
88) 1,2-Dibromo-3-Chloropr...	12.957	75	324	0.560	ug/l #	1
91) Naphthalene	13.774	128	270367	31.083	ug/l	100

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Quant Time: Jun 21 03:17:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration

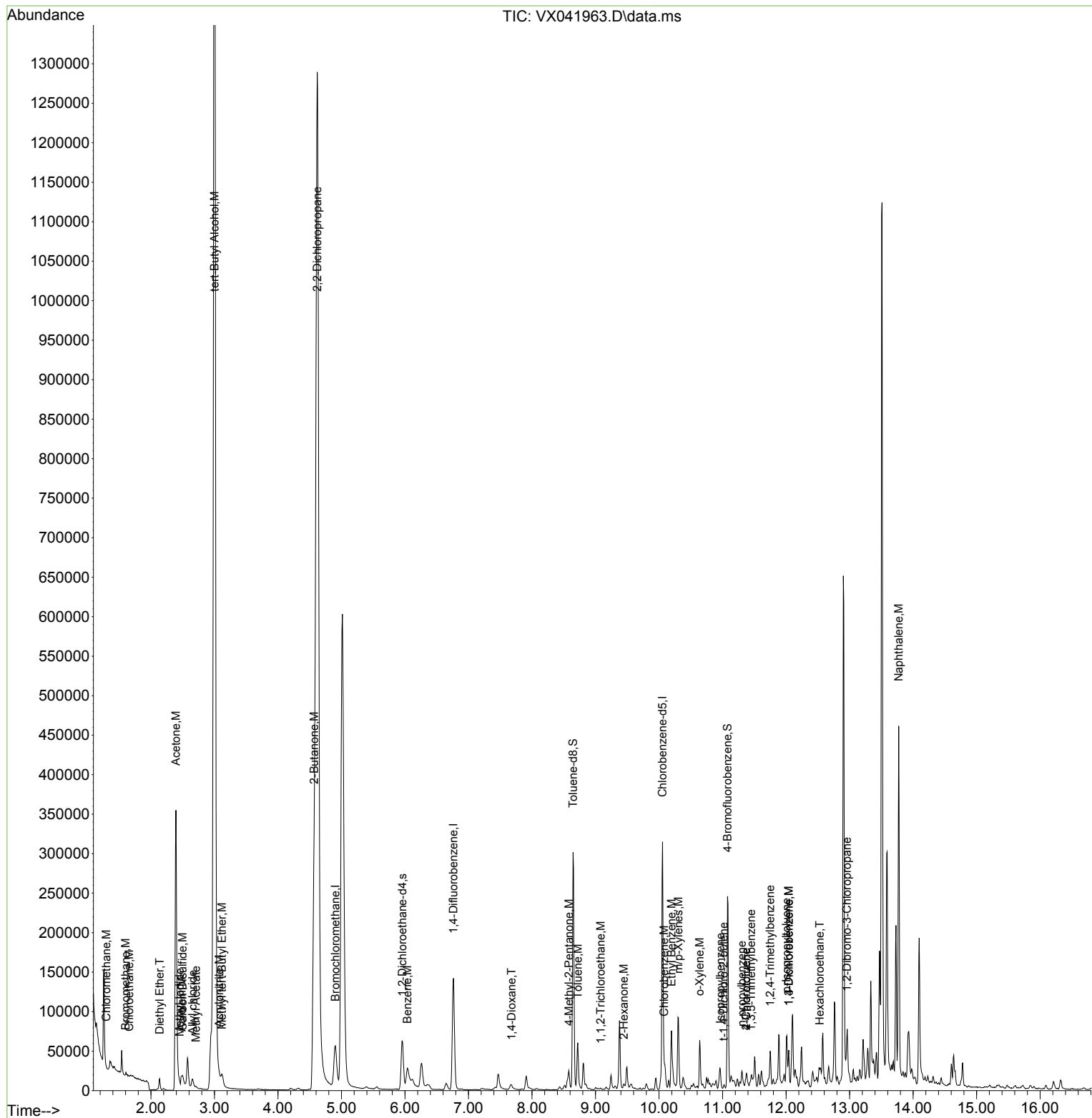
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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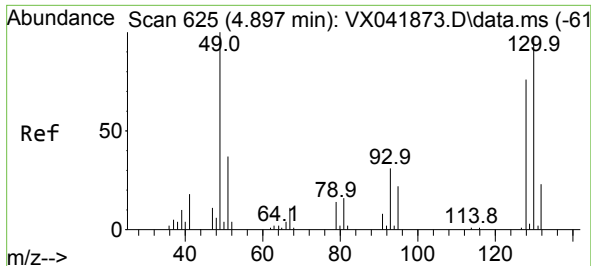
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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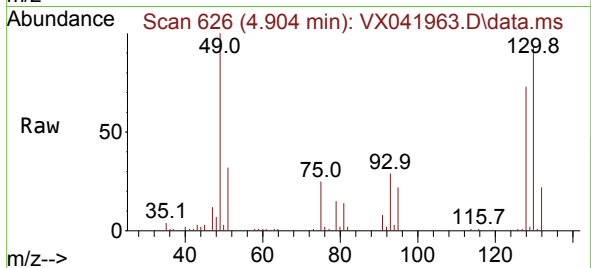
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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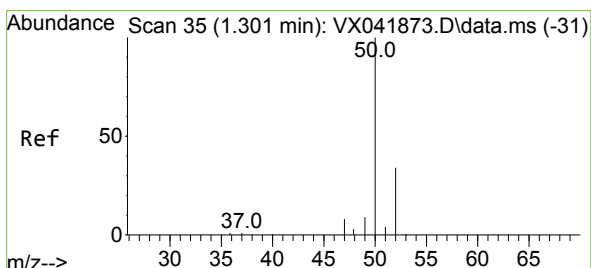
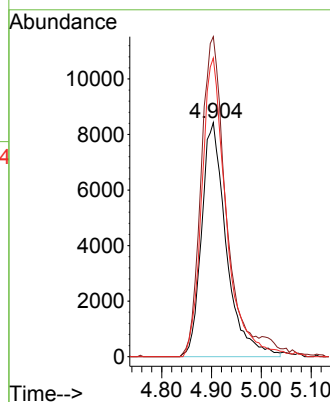
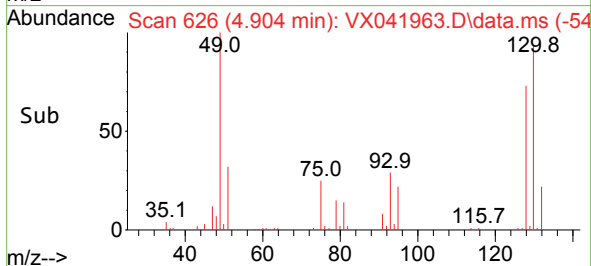


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

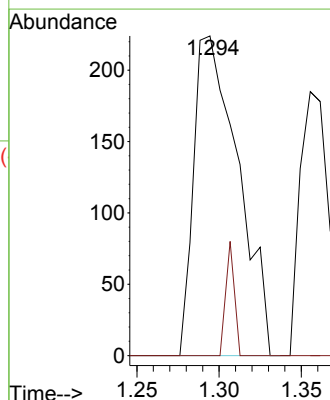
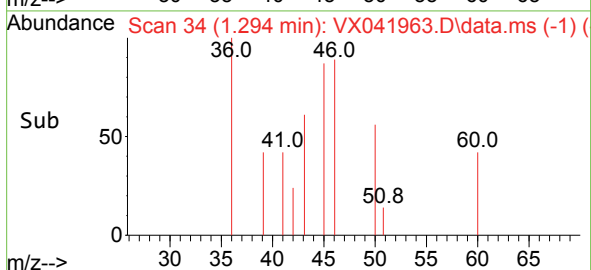
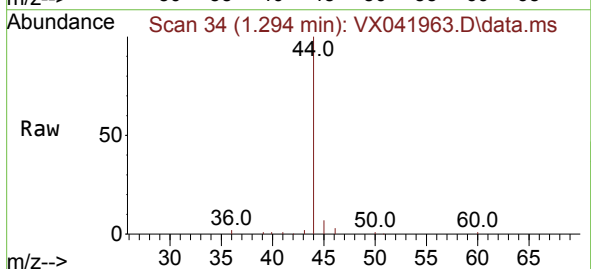


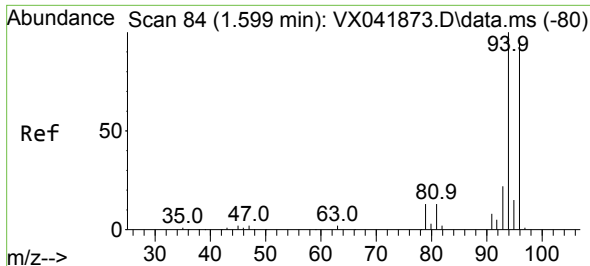
Tgt Ion:128 Resp: 28988
Ion Ratio Lower Upper
128 100
49 136.5 0.0 338.5
130 125.5 0.0 324.5



#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

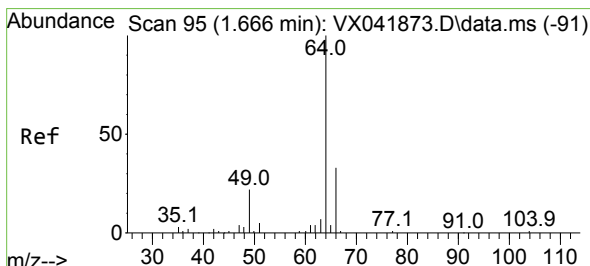
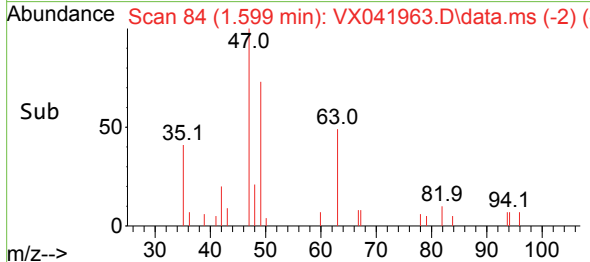
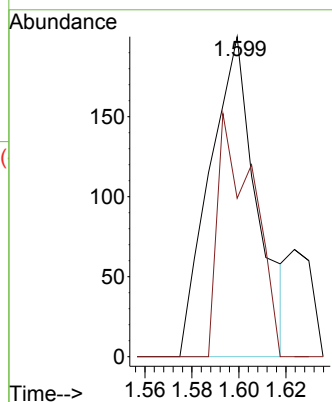
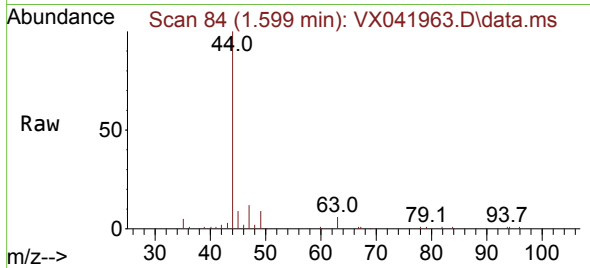




#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

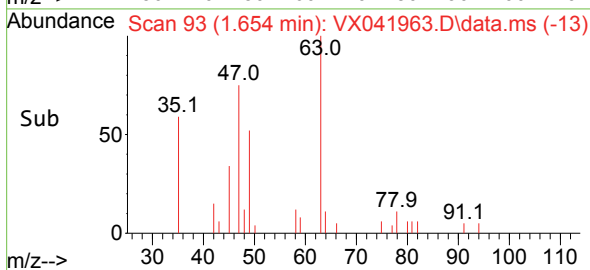
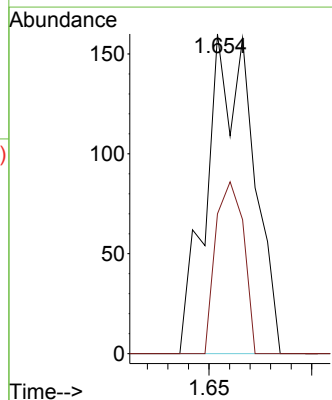
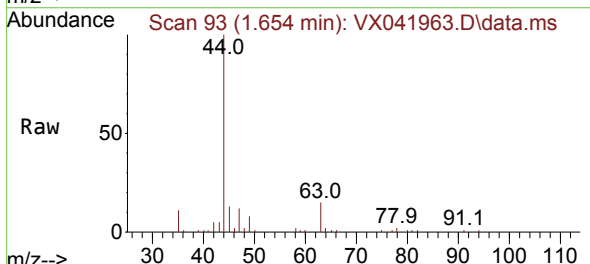
Instrument :
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ClientSampleId :

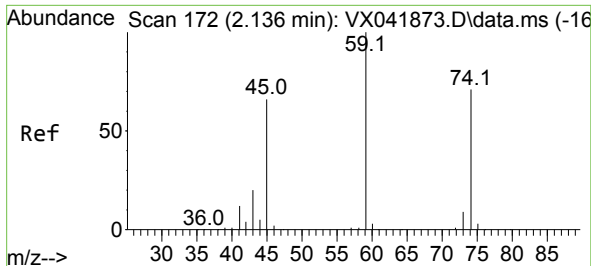
Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 49.5 76.6 115.0#



#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

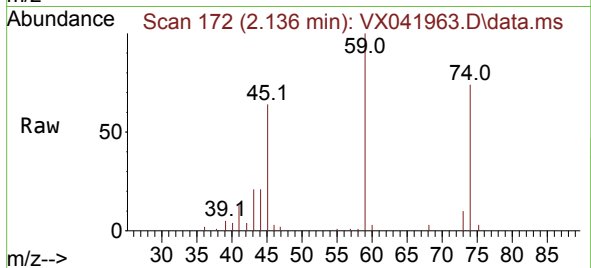
Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 43.8 26.4 39.6#



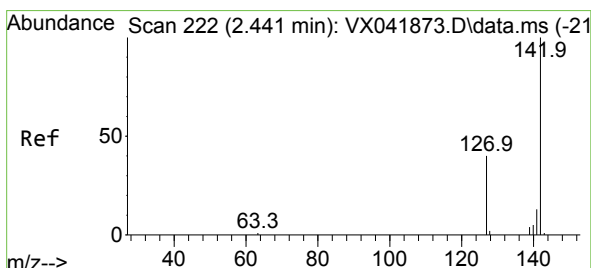
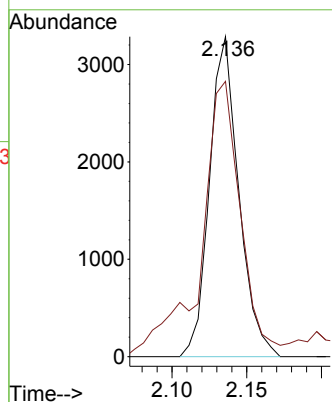
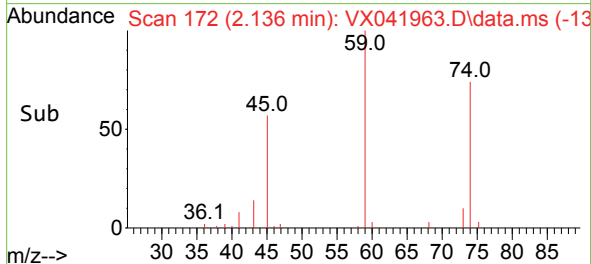


#8
Diethyl Ether
Concen: 4.005 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

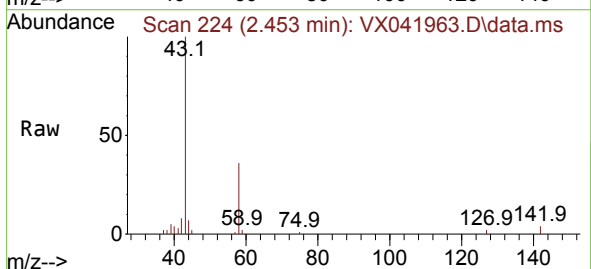
Instrument :
MSVOA_X
ClientSampleId :



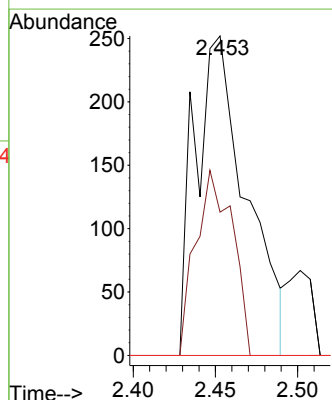
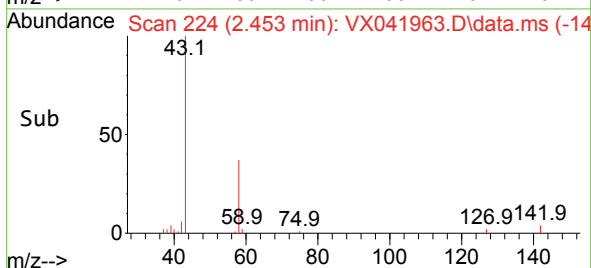
Tgt Ion: 74 Resp: 4478
Ion Ratio Lower Upper
74 100
45 91.2 18.7 168.7

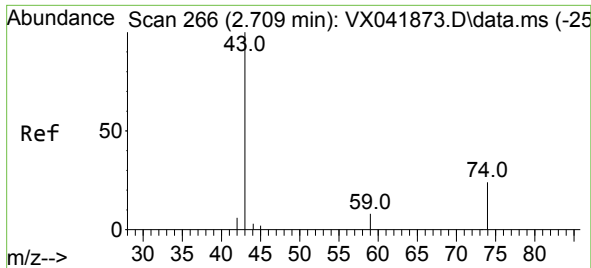


#11
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11



Tgt Ion: 142 Resp: 546
Ion Ratio Lower Upper
142 100
127 50.1 19.8 59.3
141 0.0 6.7 20.1#

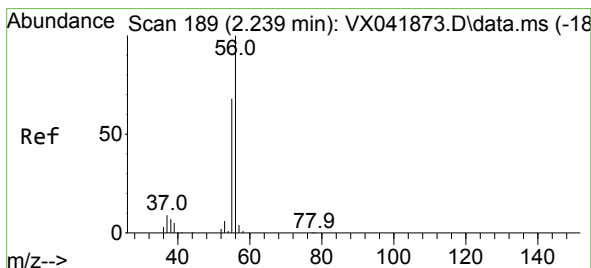
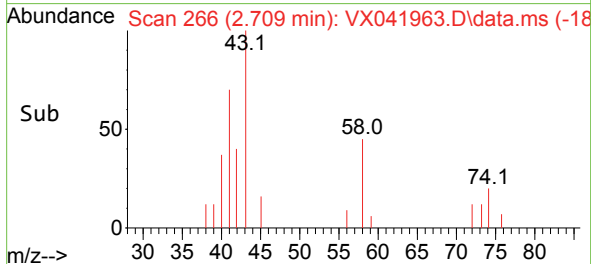
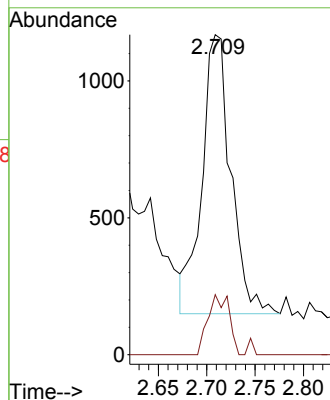
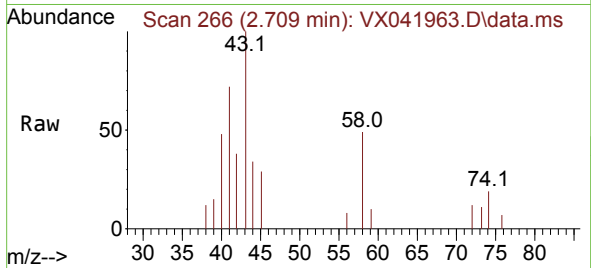




#12
Methyl Acetate
Concen: 0.938 ug/l
RT: 2.709 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

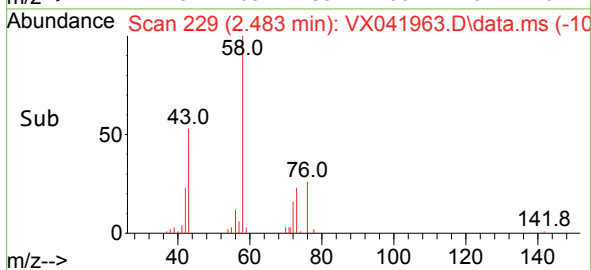
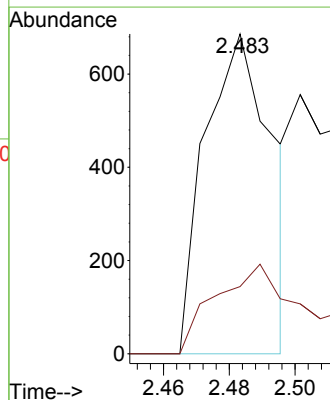
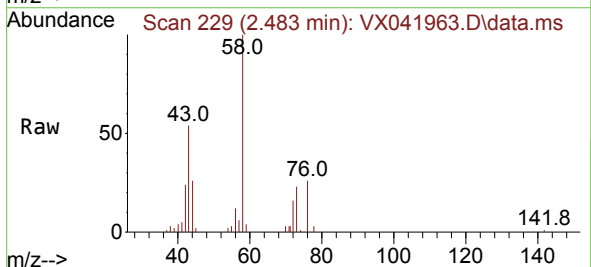
Instrument :
MSVOA_X
ClientSampleId :

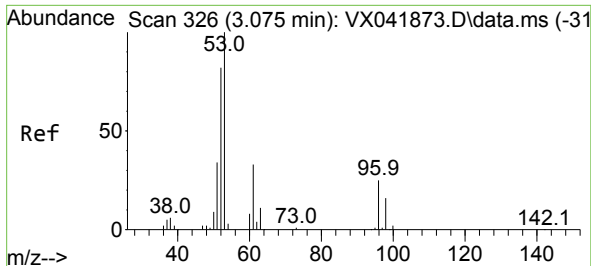
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#13
Acrolein
Concen: 2.119 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.244 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

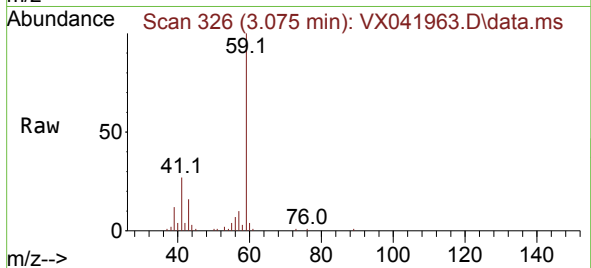
Tgt Ion: 56 Resp: 965
Ion Ratio Lower Upper
56 100
55 33.1 55.4 83.0#



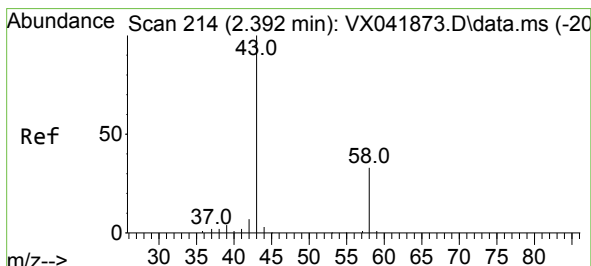
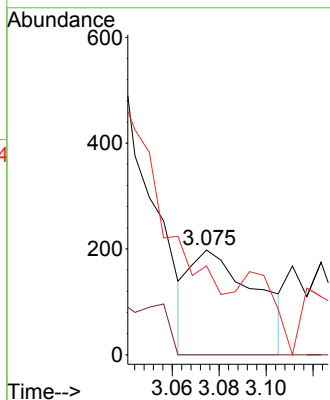
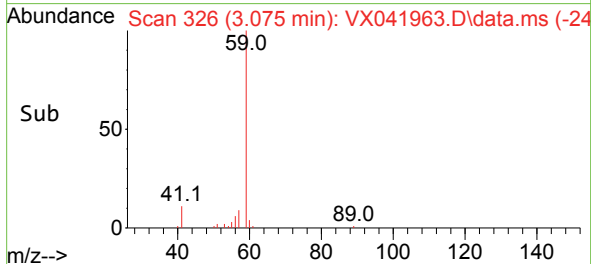


#14
Acrylonitrile
Concen: 0.357 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

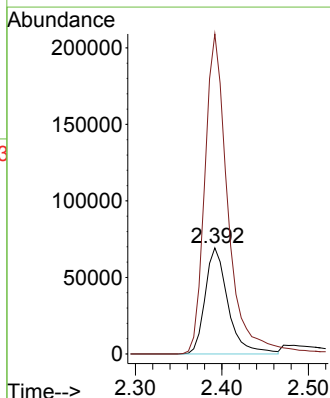
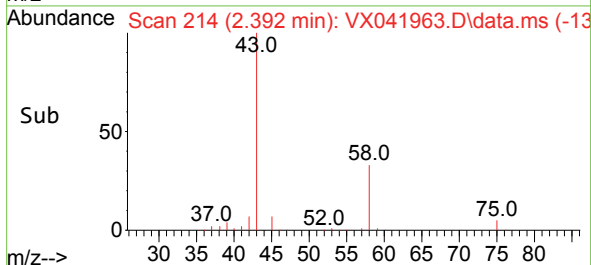
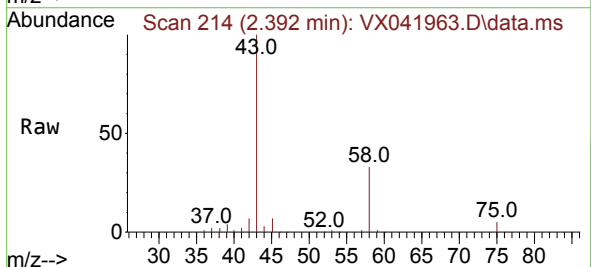


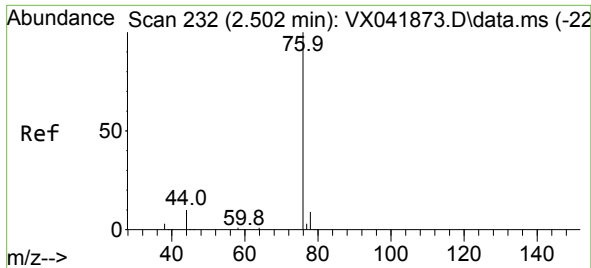
Tgt Ion: 53 Resp: 383
Ion Ratio Lower Upper
53 100
52 17.8 39.9 119.7#
51 48.8 17.4 52.3



#15
Acetone
Concen: 415.394 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 58 Resp: 127390
Ion Ratio Lower Upper
58 100
43 301.7 243.4 365.2

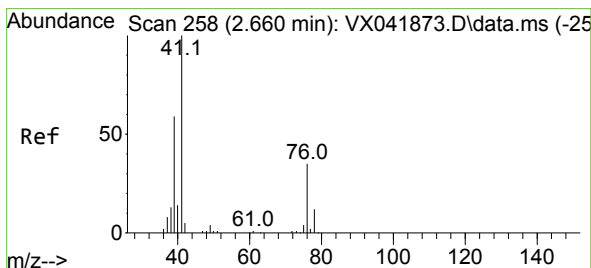
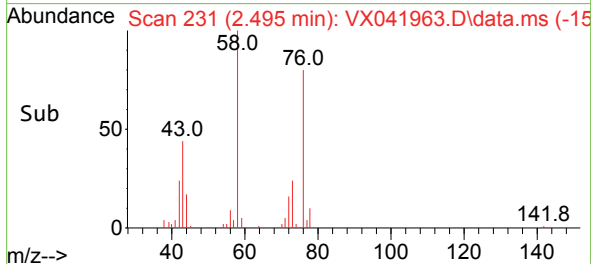
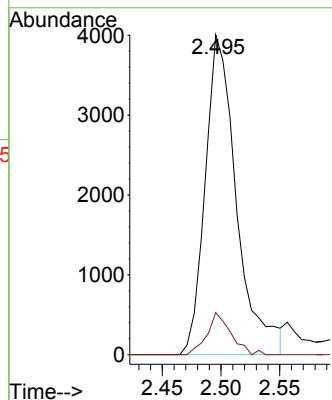
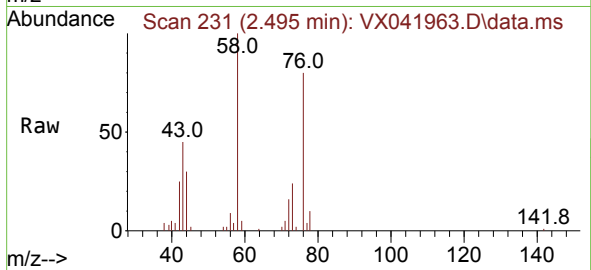




#16
Carbon Disulfide
Concen: 1.917 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

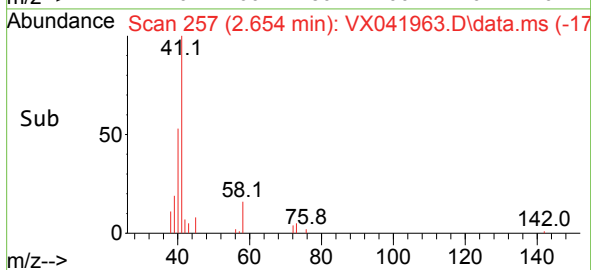
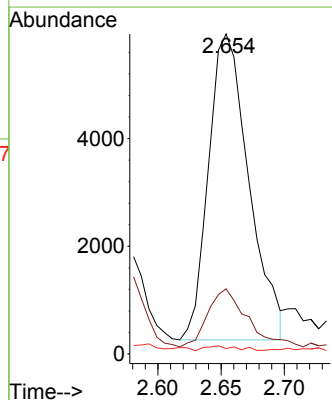
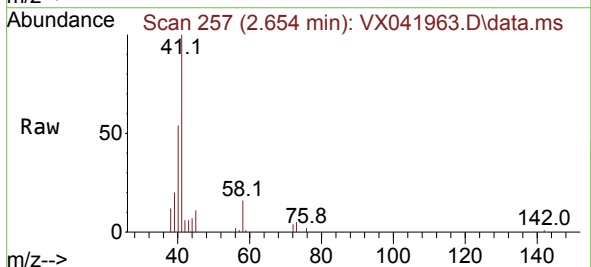
Instrument :
MSVOA_X
ClientSampleId :

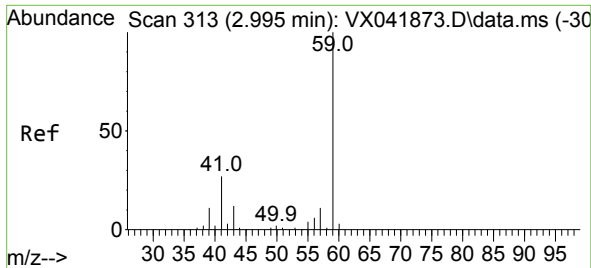
Tgt Ion: 76 Resp: 7441
Ion Ratio Lower Upper
76 100
78 13.2 7.3 10.9#



#17
Allyl chloride
Concen: 4.683 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 41 Resp: 12599
Ion Ratio Lower Upper
41 100
39 19.0 29.6 88.8#
76 0.4 18.1 54.4#

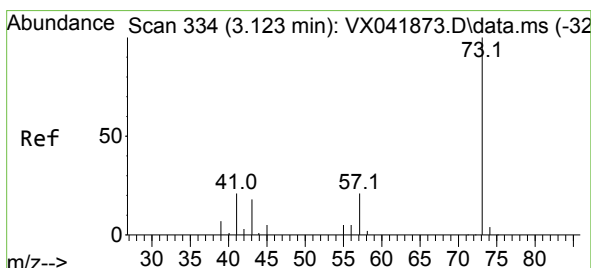
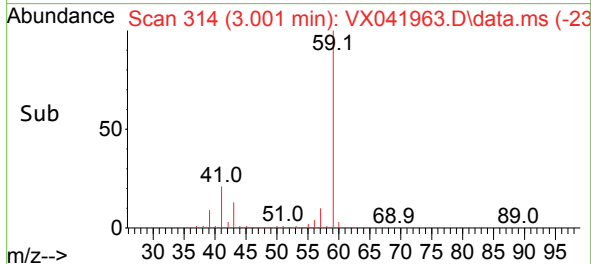
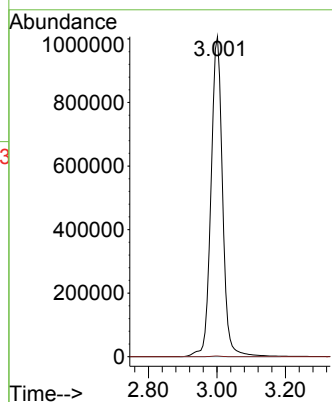
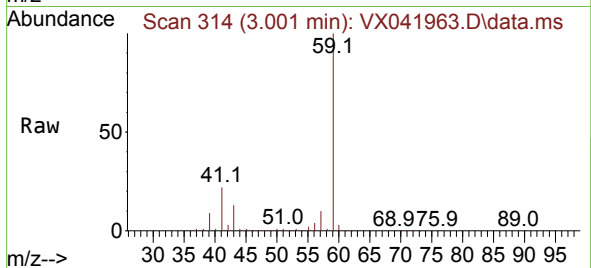




#23
tert-Butyl Alcohol
Concen: 5958.552 ug/l
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

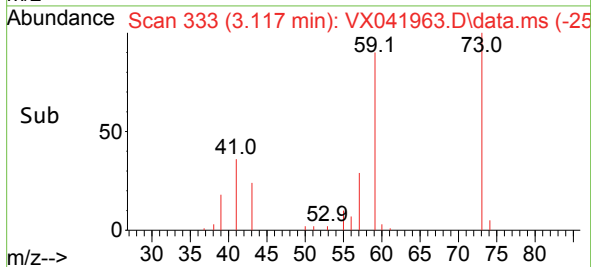
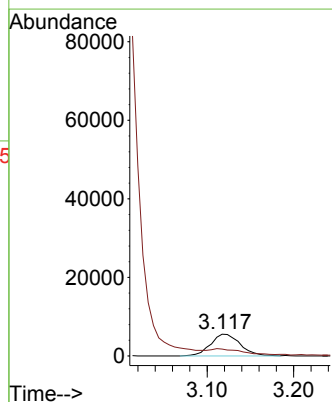
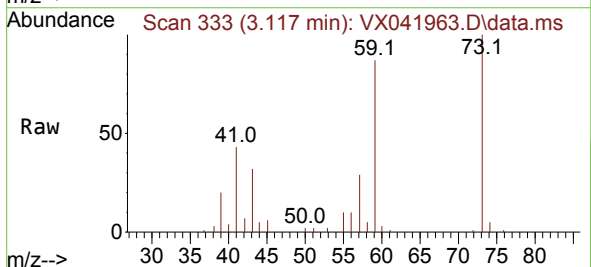
Instrument :
MSVOA_X
ClientSampleId :

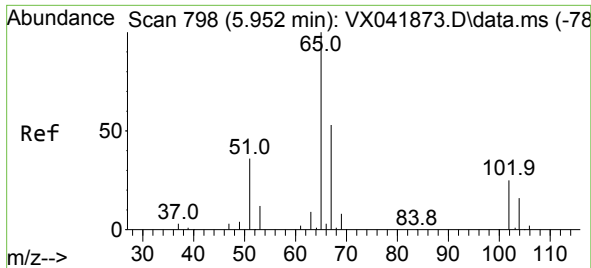
Tgt Ion: 59 Resp: 2374875
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 2.423 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 73 Resp: 13280
Ion Ratio Lower Upper
73 100
43 29.6 15.1 22.7#

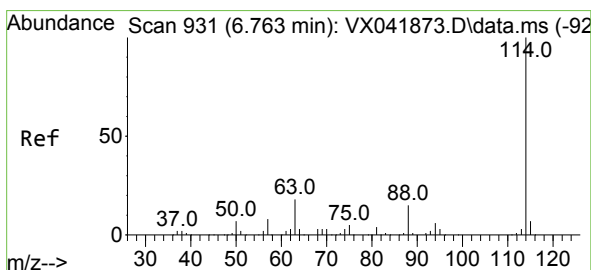
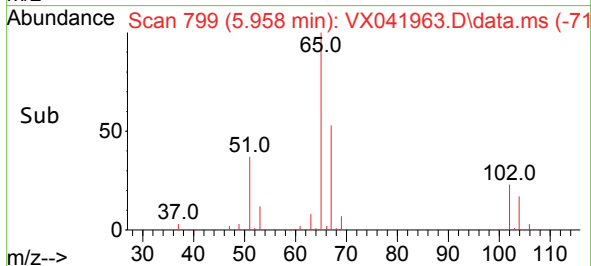
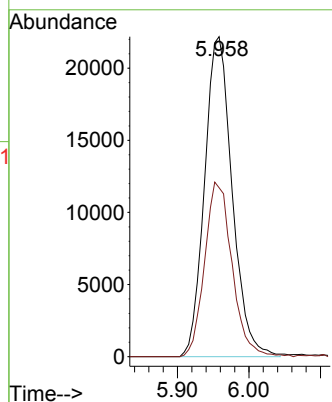
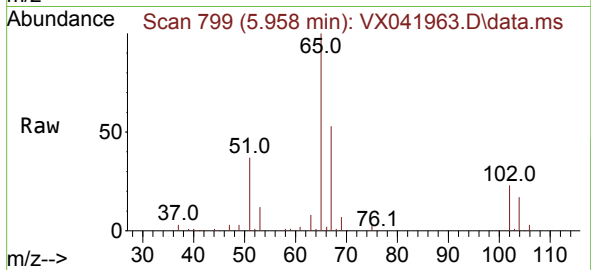




#27
 1,2-Dichloroethane-d4
 Concen: 29.826 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041963.D
 Acq: 20 Jun 2024 14:11

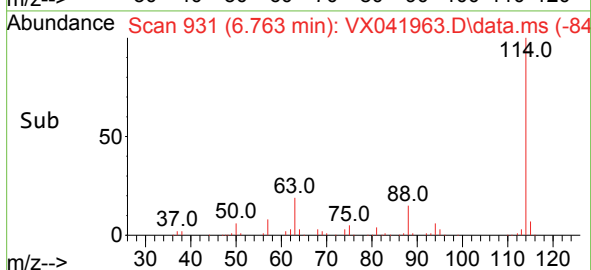
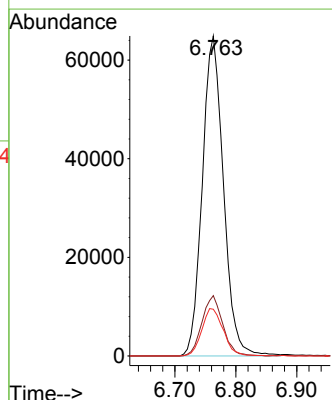
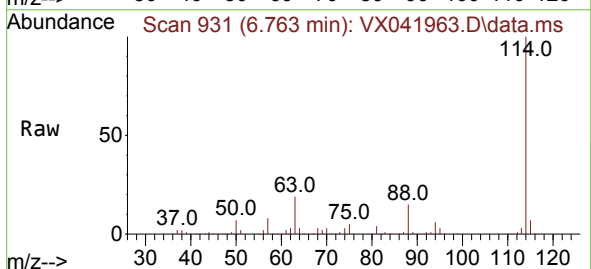
Instrument :
 MSVOA_X
 ClientSampleId :

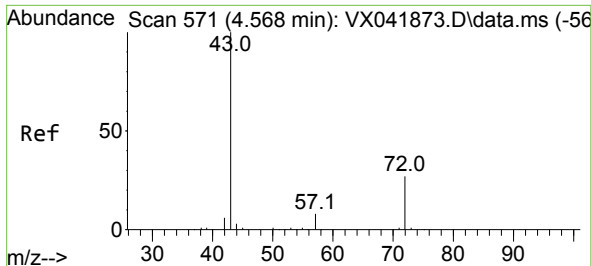
Tgt Ion: 65 Resp: 59518
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041963.D
 Acq: 20 Jun 2024 14:11

Tgt Ion: 114 Resp: 156856
 Ion Ratio Lower Upper
 114 100
 63 18.4 14.6 21.8
 88 15.0 11.8 17.8

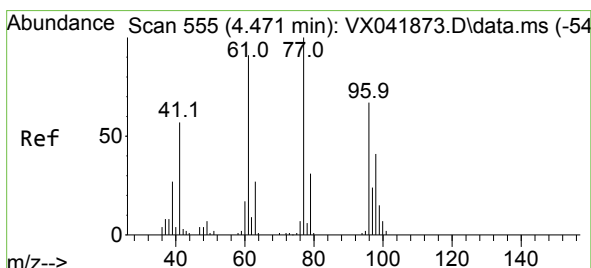
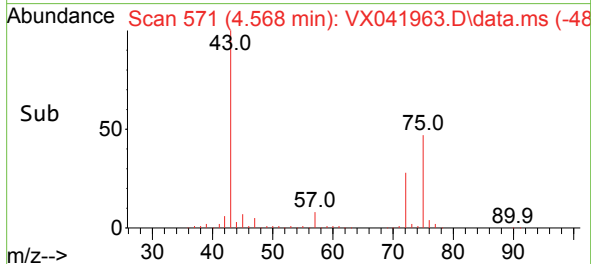
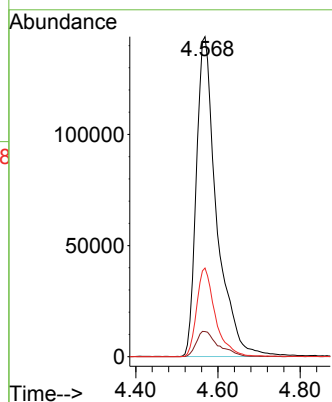
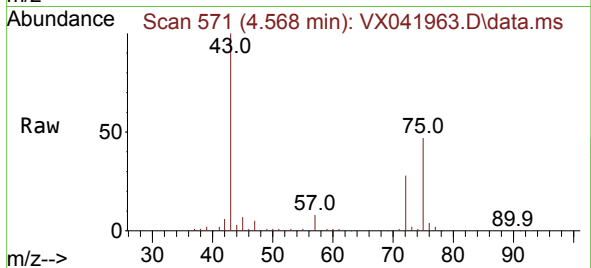




#30
2-Butanone
Concen: 360.592 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

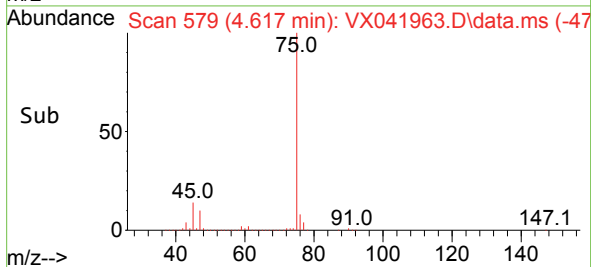
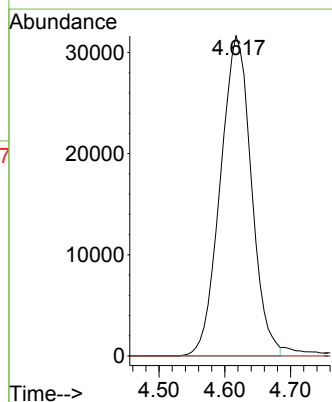
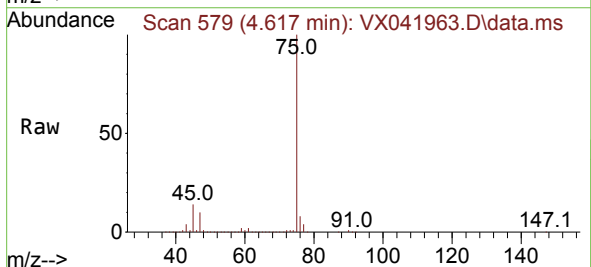
Instrument :
MSVOA_X
ClientSampleId :

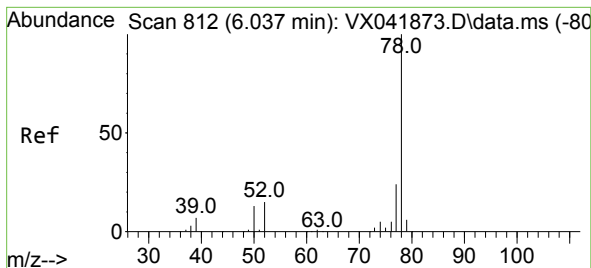
Tgt Ion: 43 Resp: 493257
Ion Ratio Lower Upper
43 100
57 8.7 6.5 9.7
72 25.4 22.0 33.0



#31
2,2-Dichloropropane
Concen: 46.296 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.146 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 77 Resp: 103852
Ion Ratio Lower Upper
77 100
97 0.0 20.2 30.2#





#34

Benzene

Concen: 4.641 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

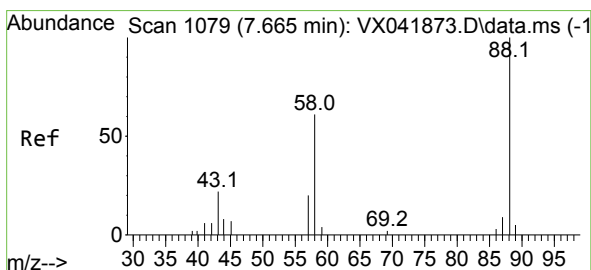
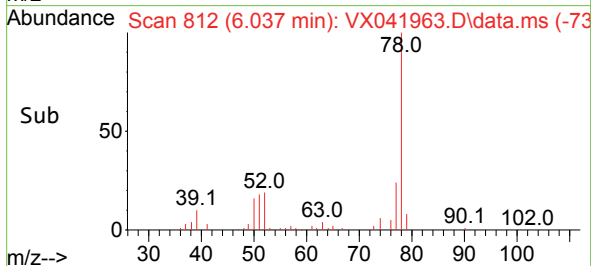
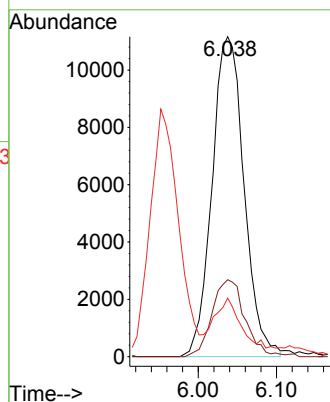
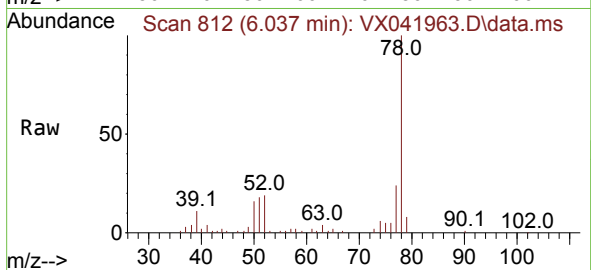
Tgt Ion: 78 Resp: 31652

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3

51 15.5 11.8 17.8



#45

1,4-Dioxane

Concen: 104.727 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

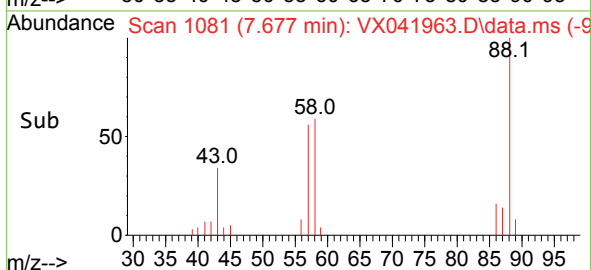
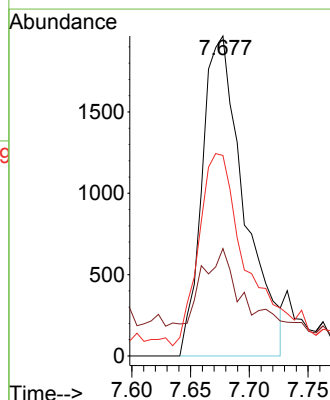
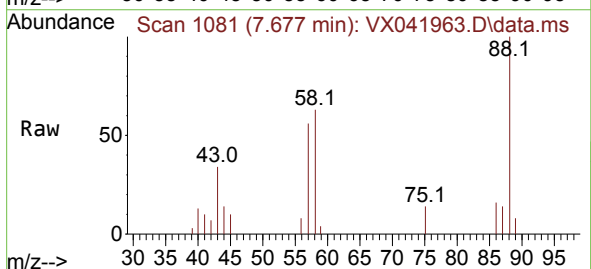
Tgt Ion: 88 Resp: 4904

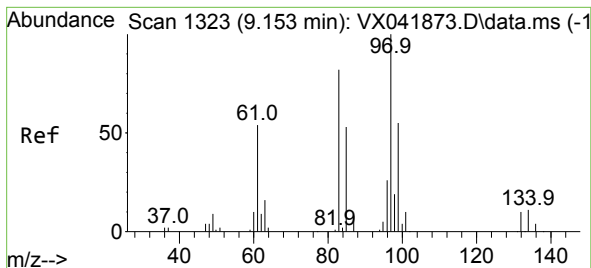
Ion Ratio Lower Upper

88 100

43 11.2 23.2 34.8#

58 67.4 52.6 78.8





#50

1,1,2-Trichloroethane

Concen: 0.536 ug/l

RT: 9.080 min Scan# 1311

Delta R.T. -0.073 min

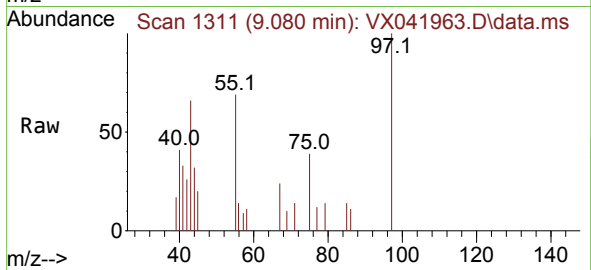
Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 97 Resp: 937

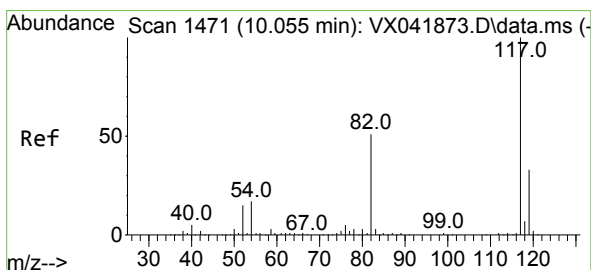
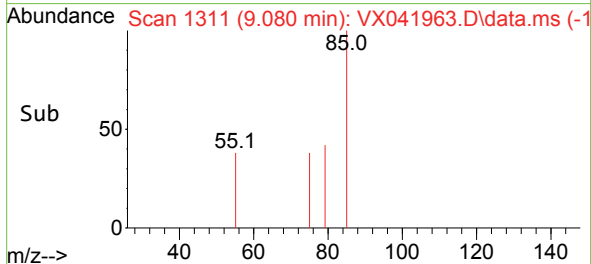
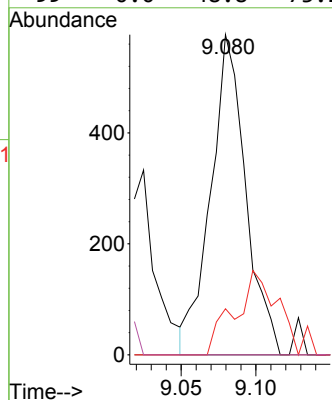
Ion Ratio Lower Upper

97 100

83 0.0 65.9 98.9#

85 14.4 42.9 64.3#

99 0.0 48.8 73.2#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

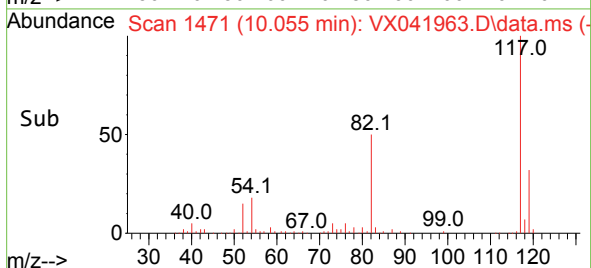
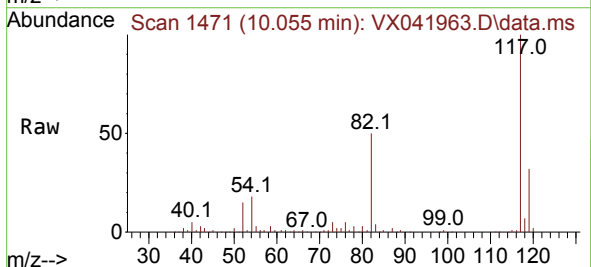
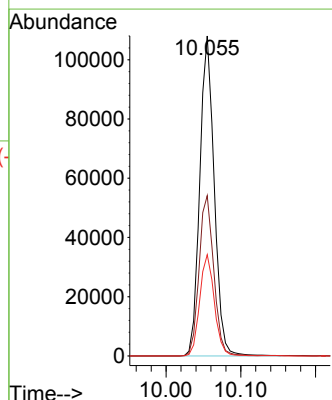
Tgt Ion: 117 Resp: 144939

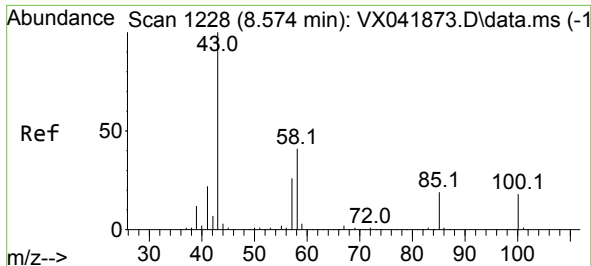
Ion Ratio Lower Upper

117 100

82 51.3 41.1 61.7

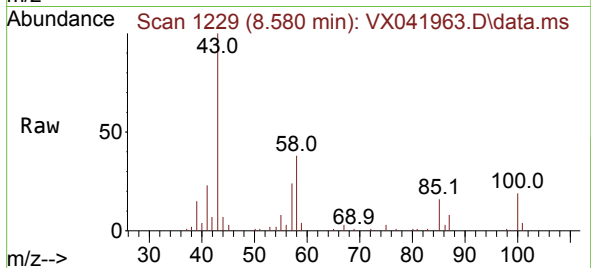
119 32.1 26.1 39.1



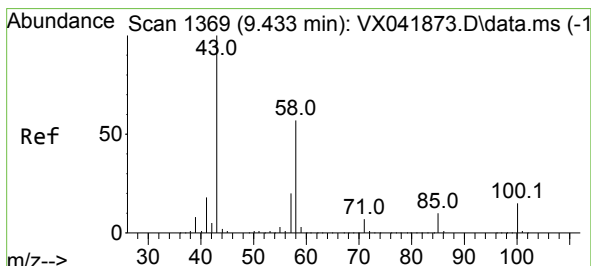
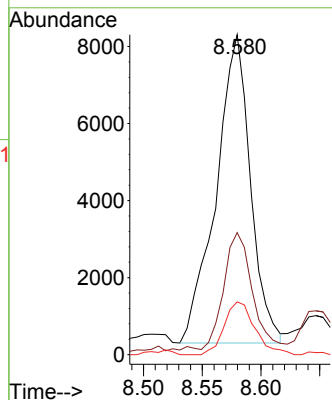
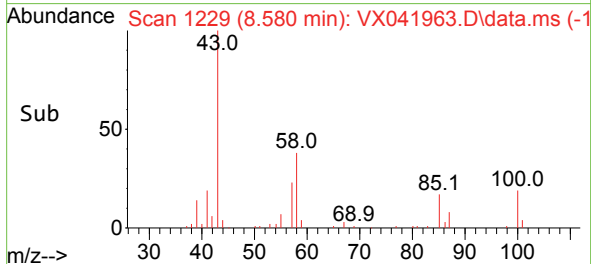


#58
4-Methyl-2-Pentanone
Concen: 6.263 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

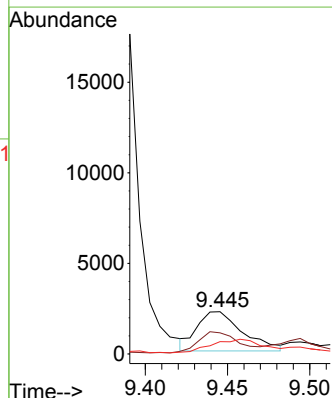
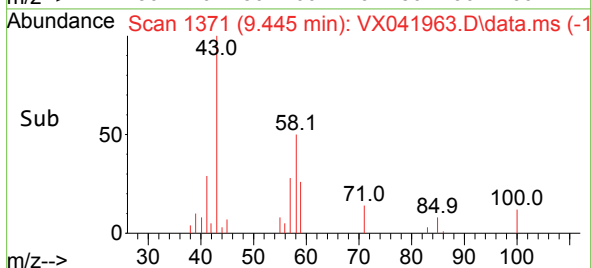
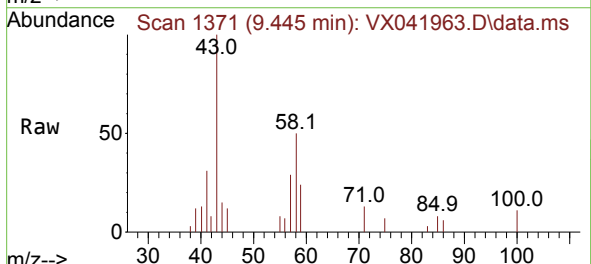


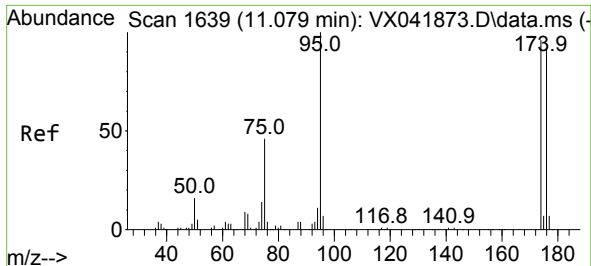
Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
58 32.4 33.2 49.8#
85 15.3 15.5 23.3#



#59
2-Hexanone
Concen: 2.088 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
58 47.4 46.0 69.0
57 38.7 15.8 23.6#

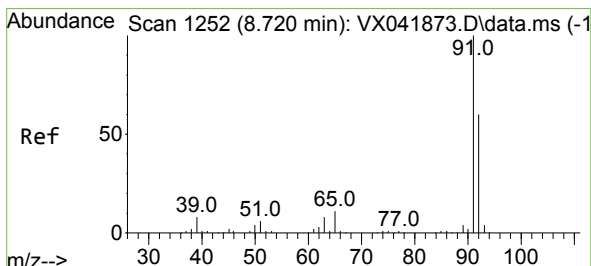
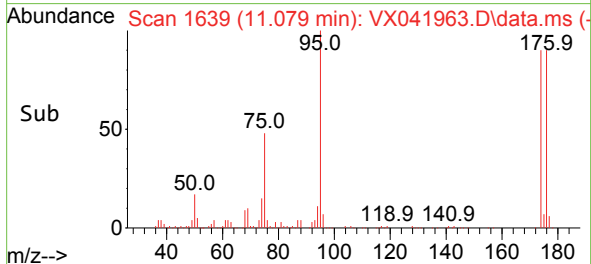
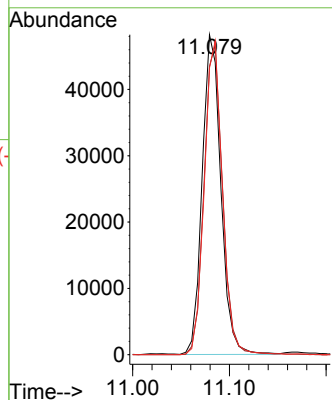
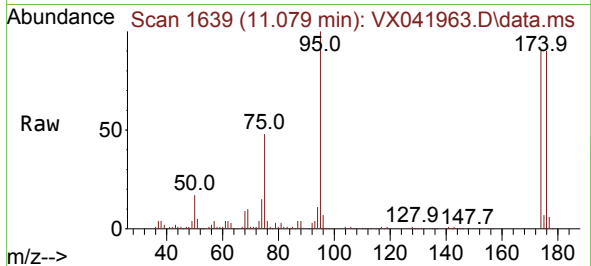




#60
4-Bromofluorobenzene
Concen: 28.953 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

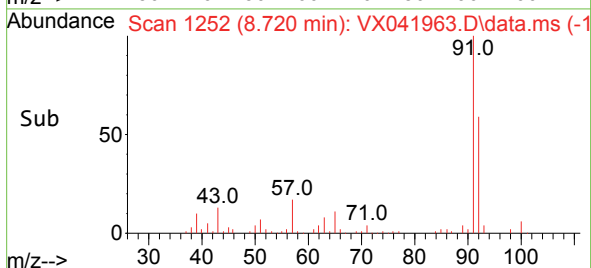
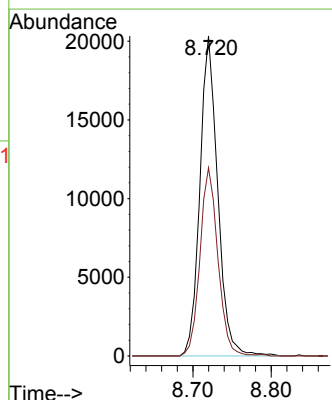
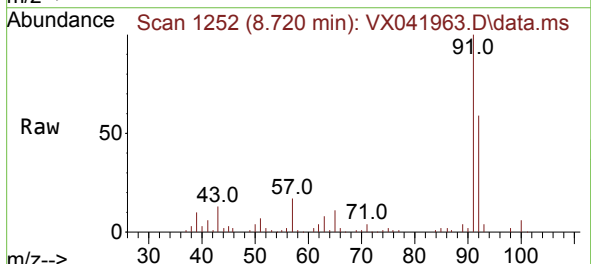
Instrument :
MSVOA_X
ClientSampleId :

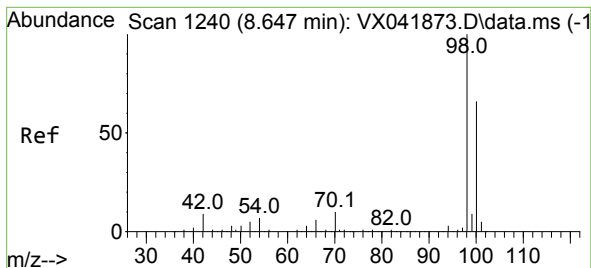
Tgt Ion: 95 Resp: 64957
Ion Ratio Lower Upper
95 100
174 96.0 78.9 118.3
176 95.3 77.1 115.7



#62
Toluene
Concen: 4.390 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 91 Resp: 32195
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.2





#63

Toluene-d8

Concen: 29.818 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

Instrument :

MSVOA_X

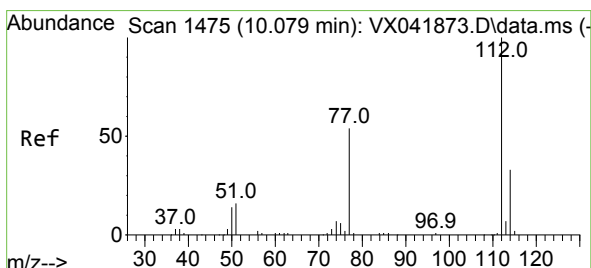
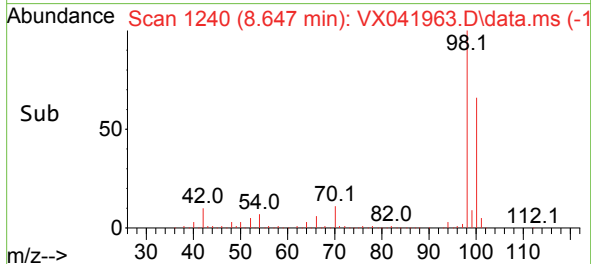
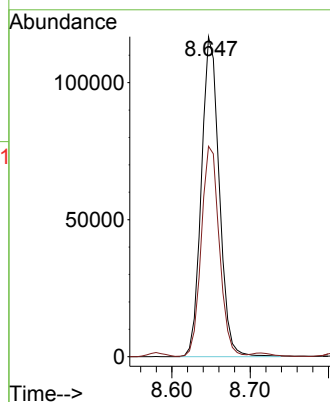
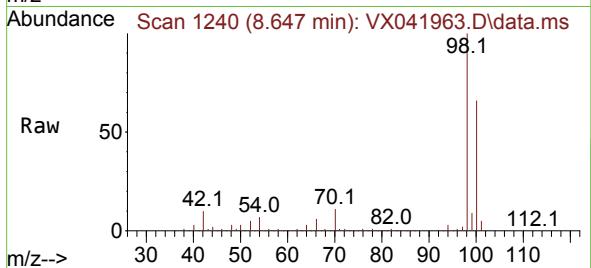
ClientSampleId :

Tgt Ion: 98 Resp: 184901

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



#64

Chlorobenzene

Concen: 1.491 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041963.D

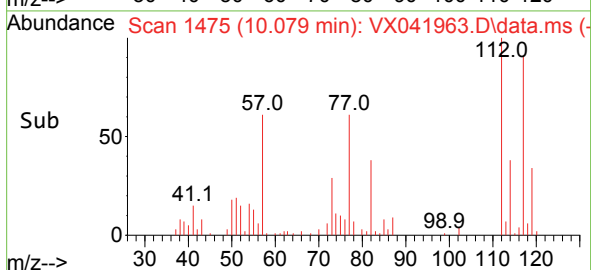
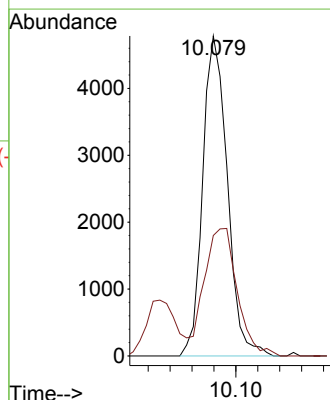
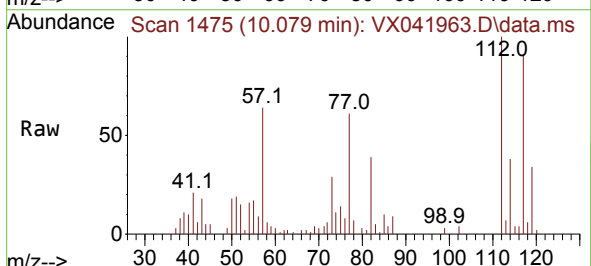
Acq: 20 Jun 2024 14:11

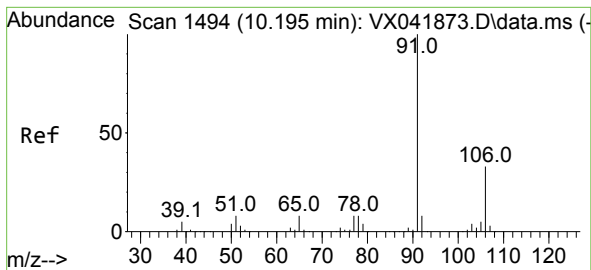
Tgt Ion: 112 Resp: 7449

Ion Ratio Lower Upper

112 100

114 37.7 26.2 39.4

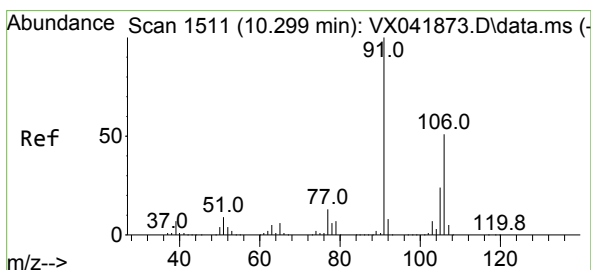
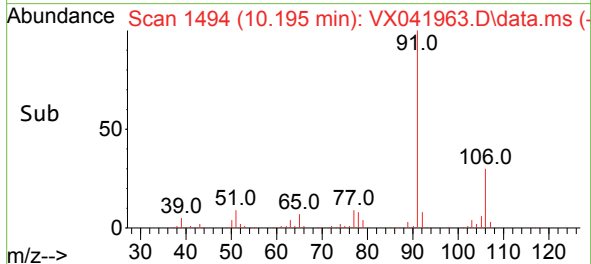
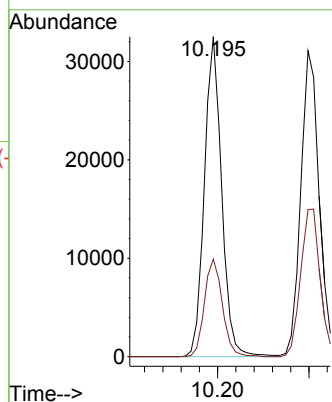
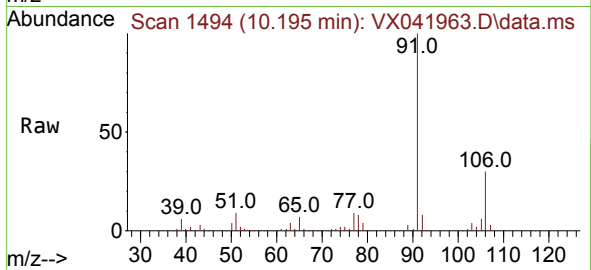




#66
Ethyl Benzene
Concen: 5.307 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

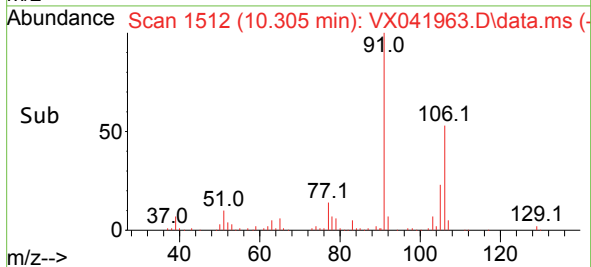
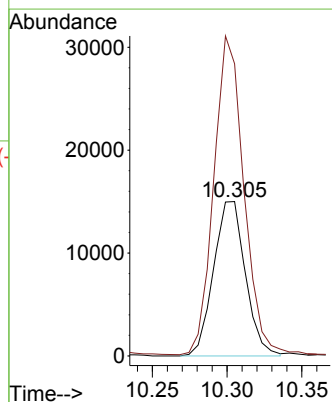
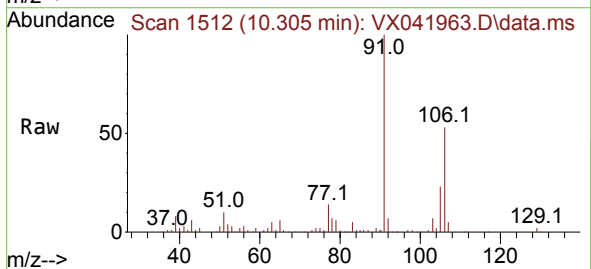
Instrument :
MSVOA_X
ClientSampleId :

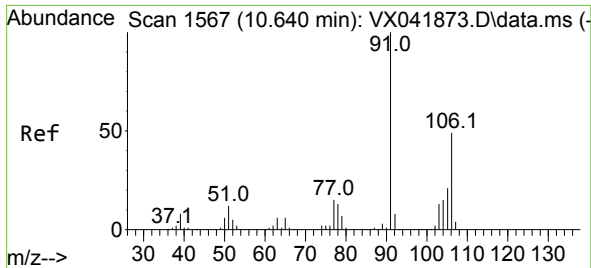
Tgt Ion: 91 Resp: 42556
Ion Ratio Lower Upper
91 100
106 30.5 26.4 39.6



#67
m/p-Xylenes
Concen: 6.894 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 106 Resp: 22237
Ion Ratio Lower Upper
106 100
91 196.9 157.0 235.6

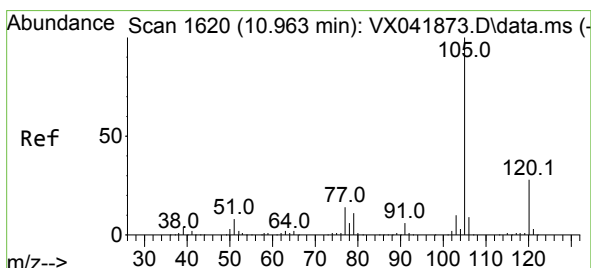
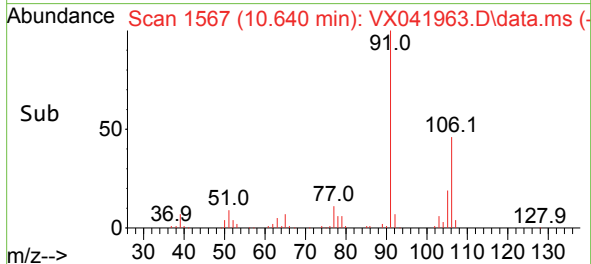
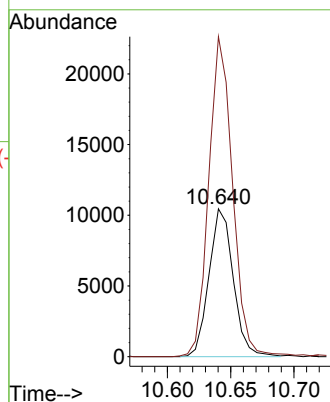
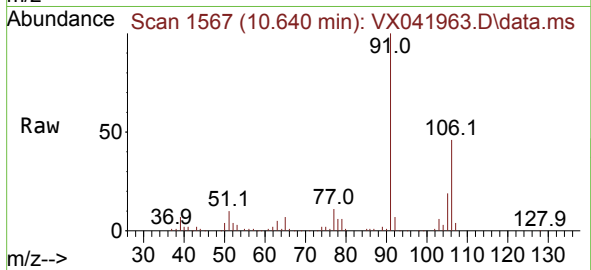




#68
o-Xylene
Concen: 4.350 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

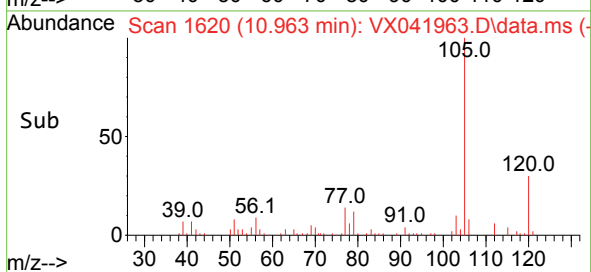
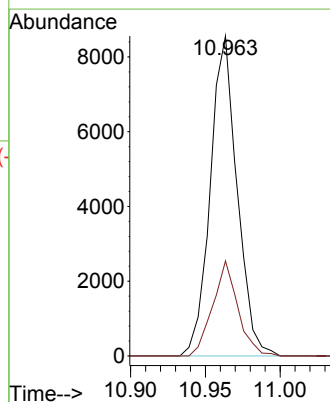
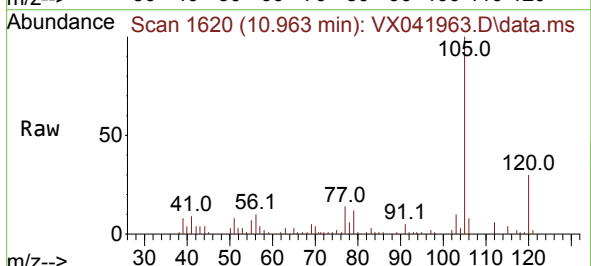
Instrument :
MSVOA_X
ClientSampleId :

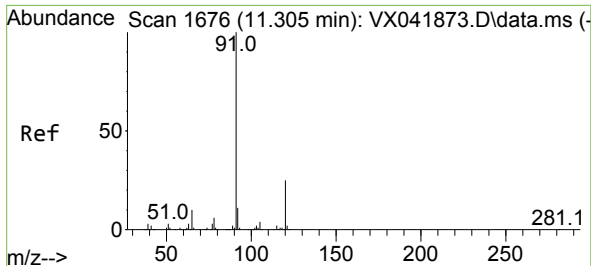
Tgt Ion:106 Resp: 13988
Ion Ratio Lower Upper
106 100
91 212.7 103.2 309.6



#70
Isopropylbenzene
Concen: 1.322 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion:105 Resp: 10688
Ion Ratio Lower Upper
105 100
120 27.9 19.2 35.6

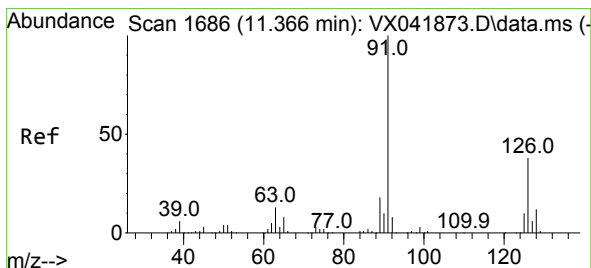
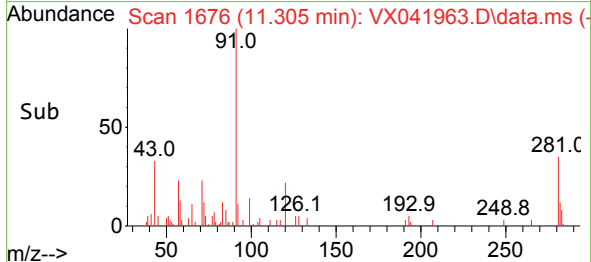
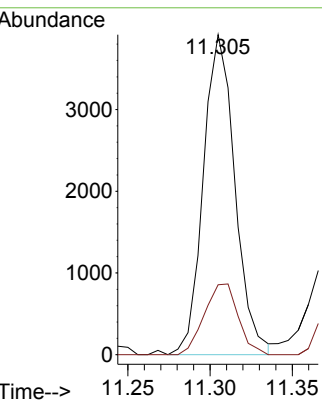
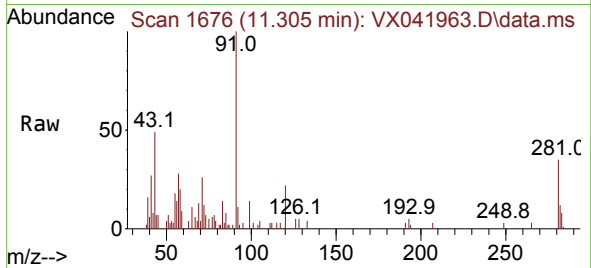




#74
n-propylbenzene
Concen: 0.590 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

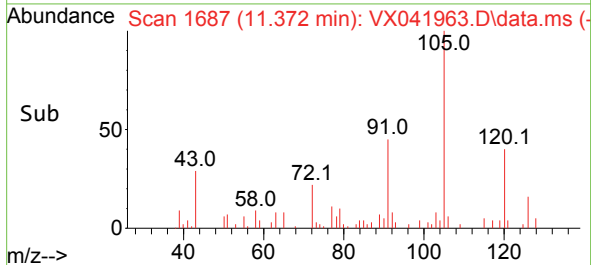
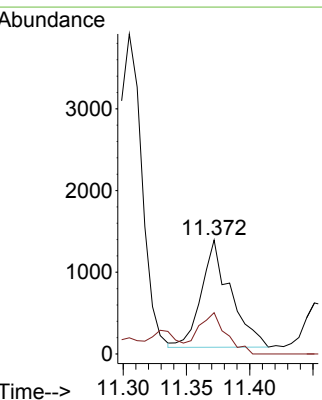
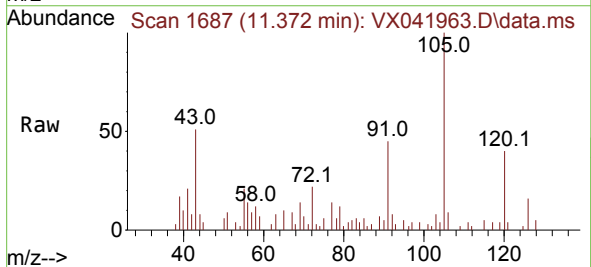
Instrument :
MSVOA_X
ClientSampleId :

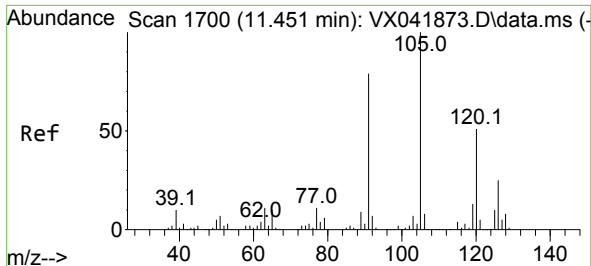
Tgt Ion: 91 Resp: 5243
Ion Ratio Lower Upper
91 100
120 23.7 0.0 49.6



#75
2-Chlorotoluene
Concen: 0.374 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 91 Resp: 2110
Ion Ratio Lower Upper
91 100
126 36.5 0.0 72.6

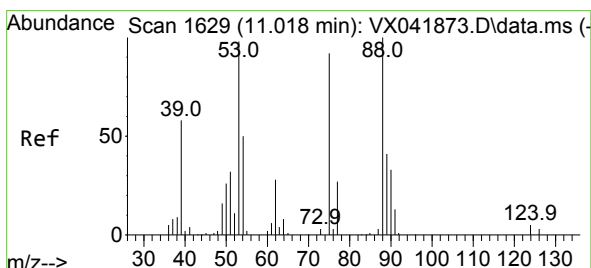
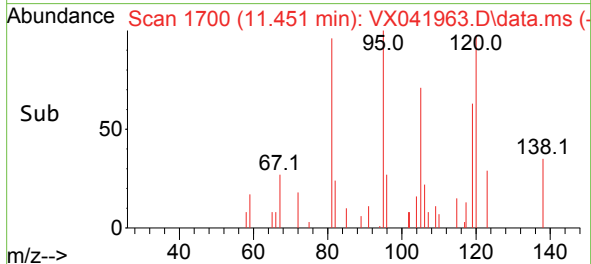
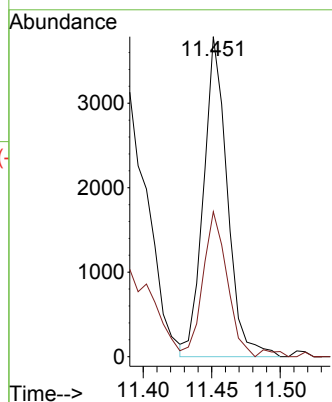
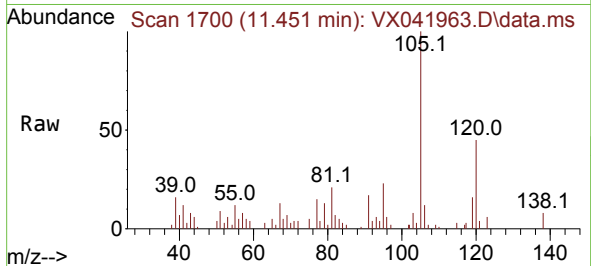




#76
1,3,5-Trimethylbenzene
Concen: 0.673 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

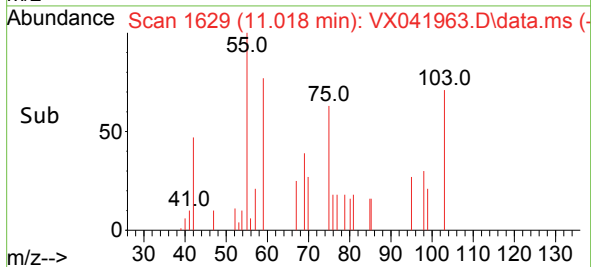
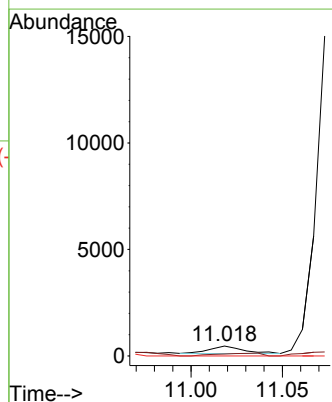
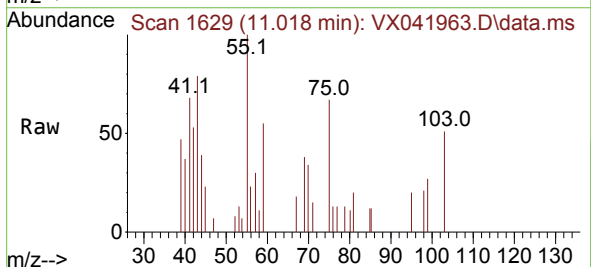
Instrument :
MSVOA_X
ClientSampleId :

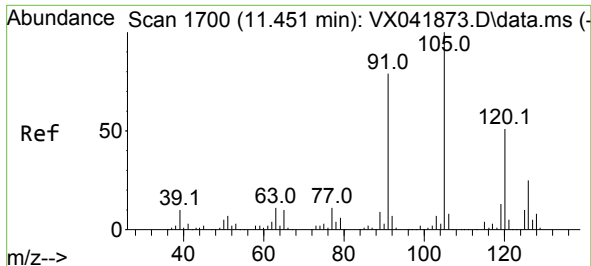
Tgt Ion:105 Resp: 4562
Ion Ratio Lower Upper
105 100
120 45.9 0.0 103.0



#77
t-1,4-Dichloro-2-butene
Concen: 0.553 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 75 Resp: 464
Ion Ratio Lower Upper
75 100
53 26.1 53.4 160.2#
89 0.0 22.5 67.5#

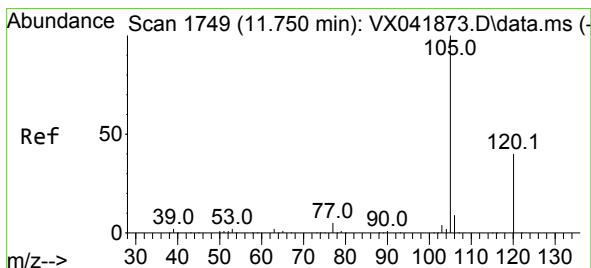
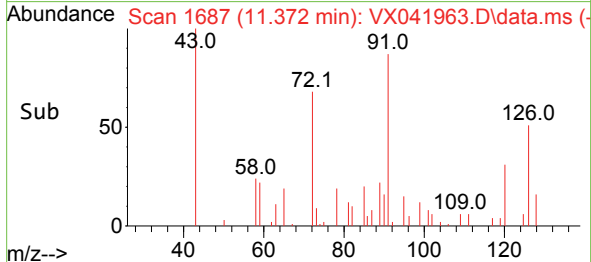
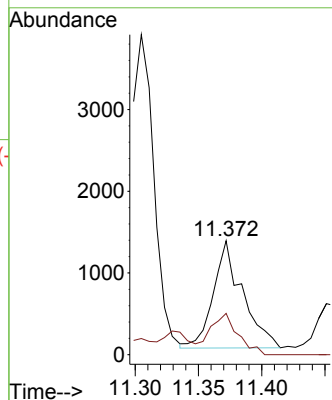
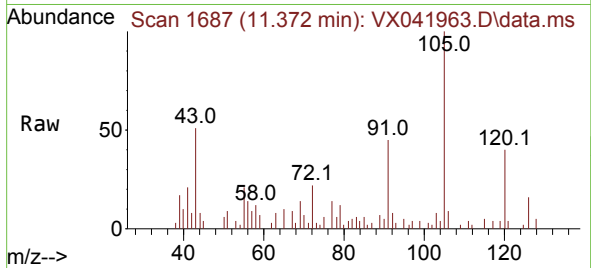




#78
4-Chlorotoluene
Concen: 0.337 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. -0.079 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

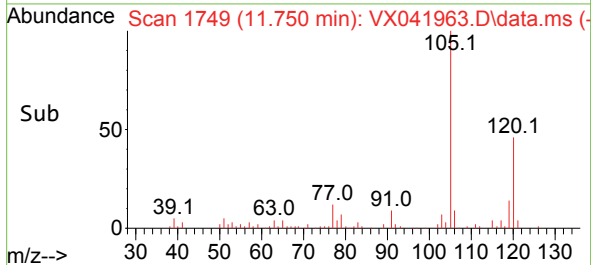
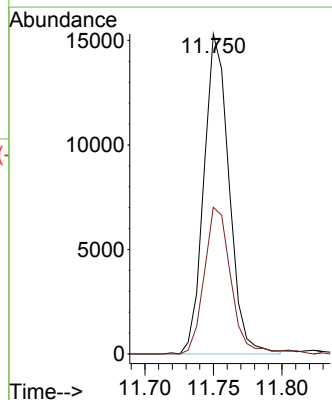
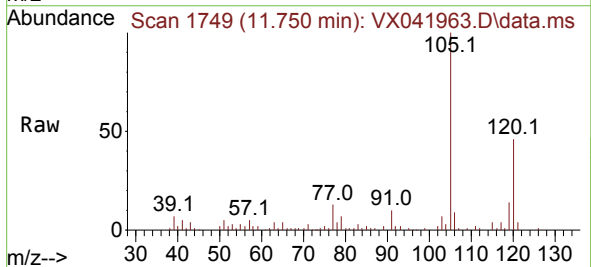
Instrument :
MSVOA_X
ClientSampleId :

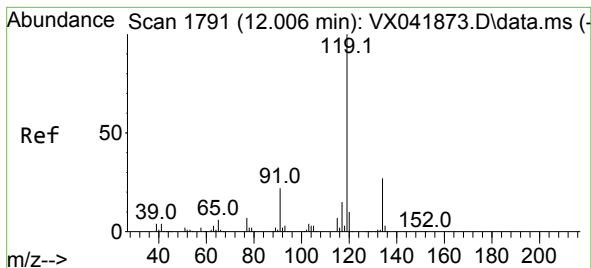
Tgt Ion: 91 Resp: 2110
Ion Ratio Lower Upper
91 100
126 36.5 0.0 64.8



#80
1,2,4-Trimethylbenzene
Concen: 2.887 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion: 105 Resp: 19536
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.2





#82

p-Isopropyltoluene

Concen: 2.890 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041963.D

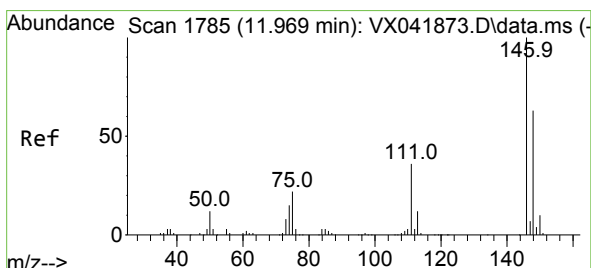
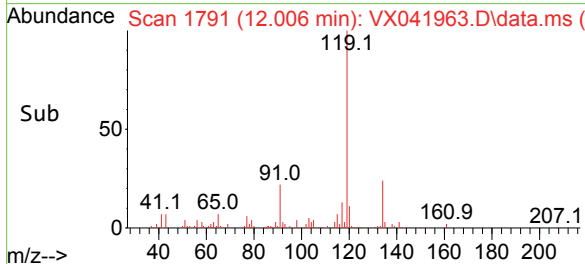
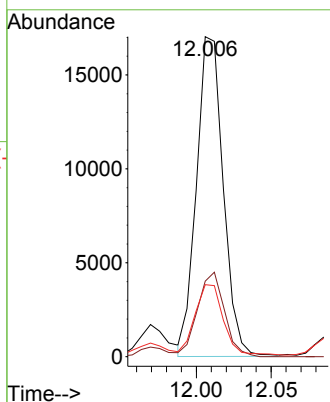
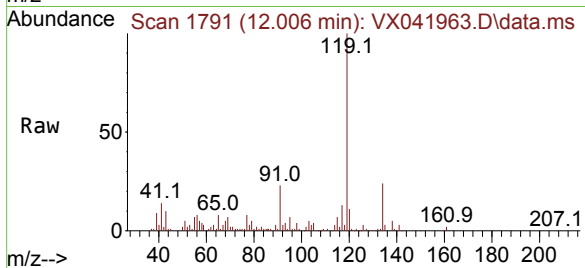
Acq: 20 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:119	Resp:	21241
Ion	Ratio	Lower Upper
119	100	
134	26.4	0.0 54.0
91	23.0	0.0 42.2



#83

1,3-Dichlorobenzene

Concen: 3.513 ug/l

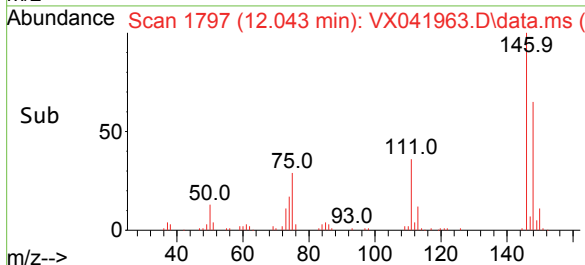
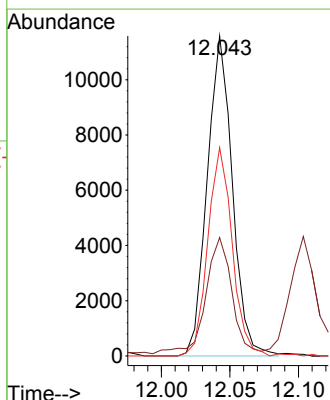
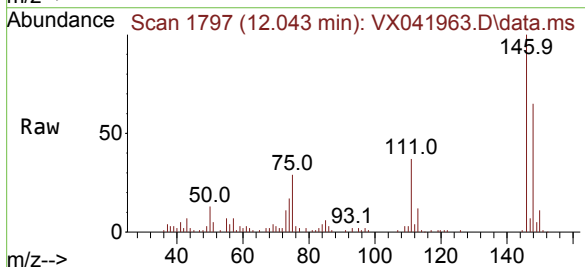
RT: 12.043 min Scan# 1797

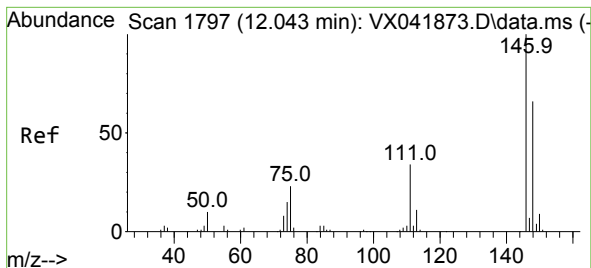
Delta R.T. 0.073 min

Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

Tgt Ion:146	Resp:	14772
Ion	Ratio	Lower Upper
146	100	
111	37.5	18.0 54.0
148	63.1	31.9 95.7





#84

1,4-Dichlorobenzene

Concen: 3.529 ug/l

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

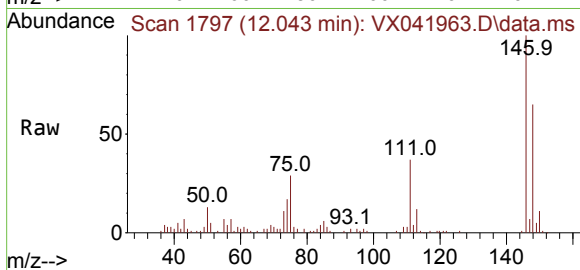
Lab File: VX041963.D

Acq: 20 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :



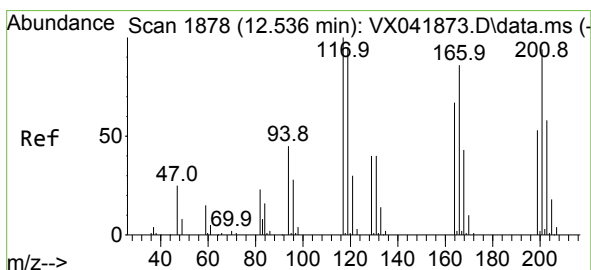
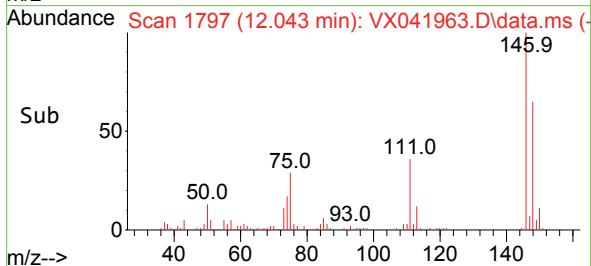
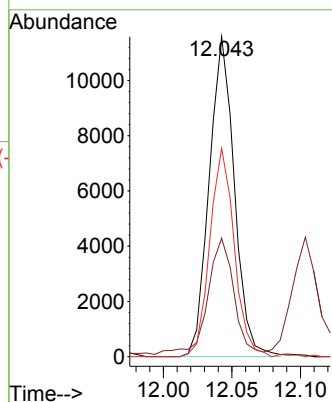
Tgt Ion:146 Resp: 14772

Ion Ratio Lower Upper

146 100

111 40.1 17.4 52.3

148 63.1 32.3 96.9



#86

Hexachloroethane

Concen: 0.327 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX041963.D

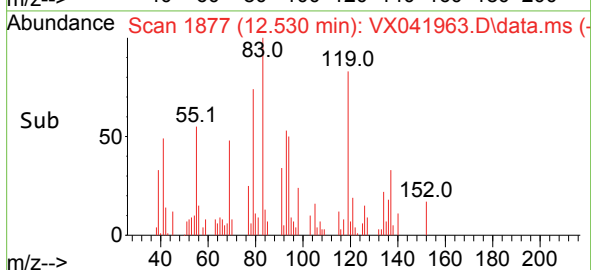
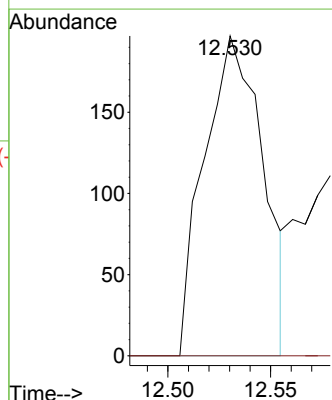
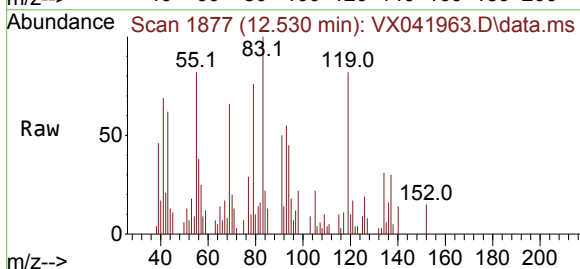
Acq: 20 Jun 2024 14:11

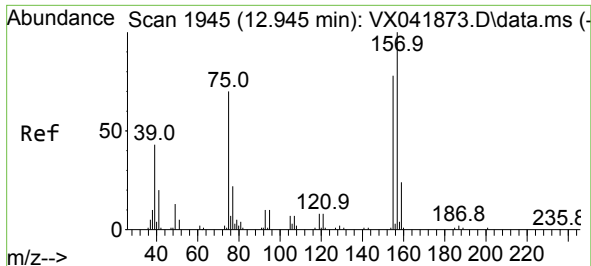
Tgt Ion:117 Resp: 393

Ion Ratio Lower Upper

117 100

201 0.0 48.9 146.8#

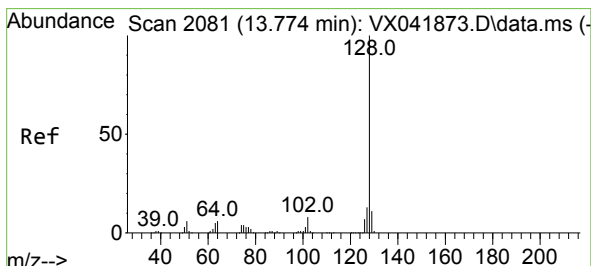
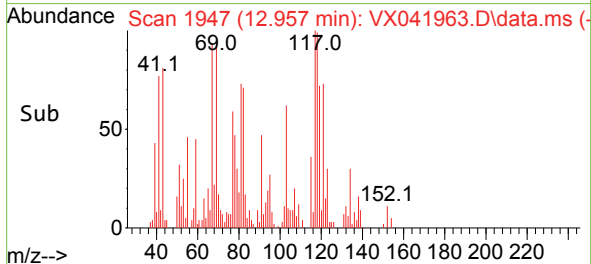
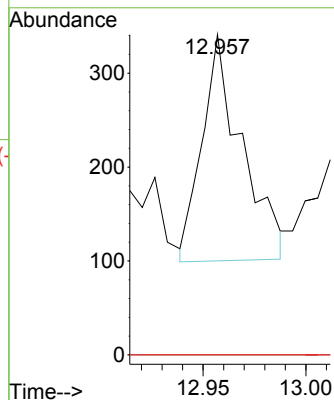
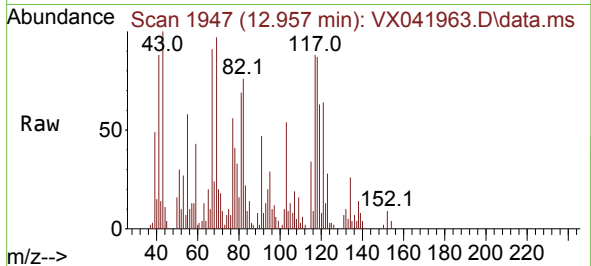




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.560 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
155 0.0 88.6 133.0#
157 0.0 112.8 169.2#



#91
Naphthalene
Concen: 31.083 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041963.D
Acq: 20 Jun 2024 14:11

Tgt Ion:128 Resp: 270367
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 8.7 13.1

