

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017871.D
 Acq On : 05 Apr 2024 15:17
 Operator : SY/MD
 Sample : P1995-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00119

Quant Time: Apr 06 04:48:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	114583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	211021	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	136772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	18721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60961	61.482	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.728	113	67108	55.035	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.060%
50) Toluene-d8	10.191	98	221624	48.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.495	95	35040	25.285	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27435	35.802	ug/l	100
11) Tert butyl alcohol	4.972	59	4498	29.874	ug/l #	91
13) Acrolein	3.966	56	831	11.963	ug/l #	15
16) Acetone	3.960	43	4080	19.907	ug/l #	65
18) Methyl Acetate	4.223	43	1354	2.983	ug/l #	46
20) Methylene Chloride	4.729	84	17933	12.275	ug/l	92
25) 2-Butanone	6.978	43	296	1.014	ug/l #	41
31) Cyclohexane	7.801	56	8554	4.897	ug/l #	67
32) 1,1,1-Trichloroethane	7.716	97	31845	17.913	ug/l	95
36) 1,1-Dichloropropene	7.801	75	9179	5.159	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10974	5.942	ug/l #	15
39) Methylcyclohexane	9.197	83	11015	4.956	ug/l	97
40) Benzene	8.173	78	36780	6.708	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	390	Below Cal	#	77
52) Toluene	10.258	92	18718	5.628	ug/l	94
55) 1,1,2-Trichloroethane	10.630	97	4802	4.979	ug/l #	21
59) 2-Hexanone	10.813	43	1606	3.180	ug/l #	19
67) Ethyl Benzene	11.605	91	14471	3.000	ug/l	98
68) m/p-Xylenes	11.709	106	23536	12.867	ug/l	100
69) o-Xylene	12.044	106	12511	7.454	ug/l	95
70) Styrene	12.056	104	3415	Below Cal	#	40
73) Isopropylbenzene	12.337	105	5225	3.983	ug/l	90
74) N-amyl acetate	12.136	43	1891	8.459	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.562	83	510	2.247	ug/l #	79
76) 1,2,3-Trichloropropane	12.489	75	19714	115.559	ug/l #	100
78) n-propylbenzene	12.684	91	9727	6.076	ug/l	98
79) 2-Chlorotoluene	12.745	91	3421	3.901	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.825	105	20494	20.016	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.489	75	19714	183.933	ug/l #	17
83) tert-Butylbenzene	13.129	119	8032	8.628	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.129	105	60123	58.959	ug/l	99
85) sec-Butylbenzene	13.264	105	5774	4.133	ug/l	87
86) p-Isopropyltoluene	13.379	119	6136	5.254	ug/l	94
89) n-Butylbenzene	13.709	91	3469	3.229	ug/l #	75
90) Hexachloroethane	13.977	117	1308	5.632	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.367	75	70	2.283	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

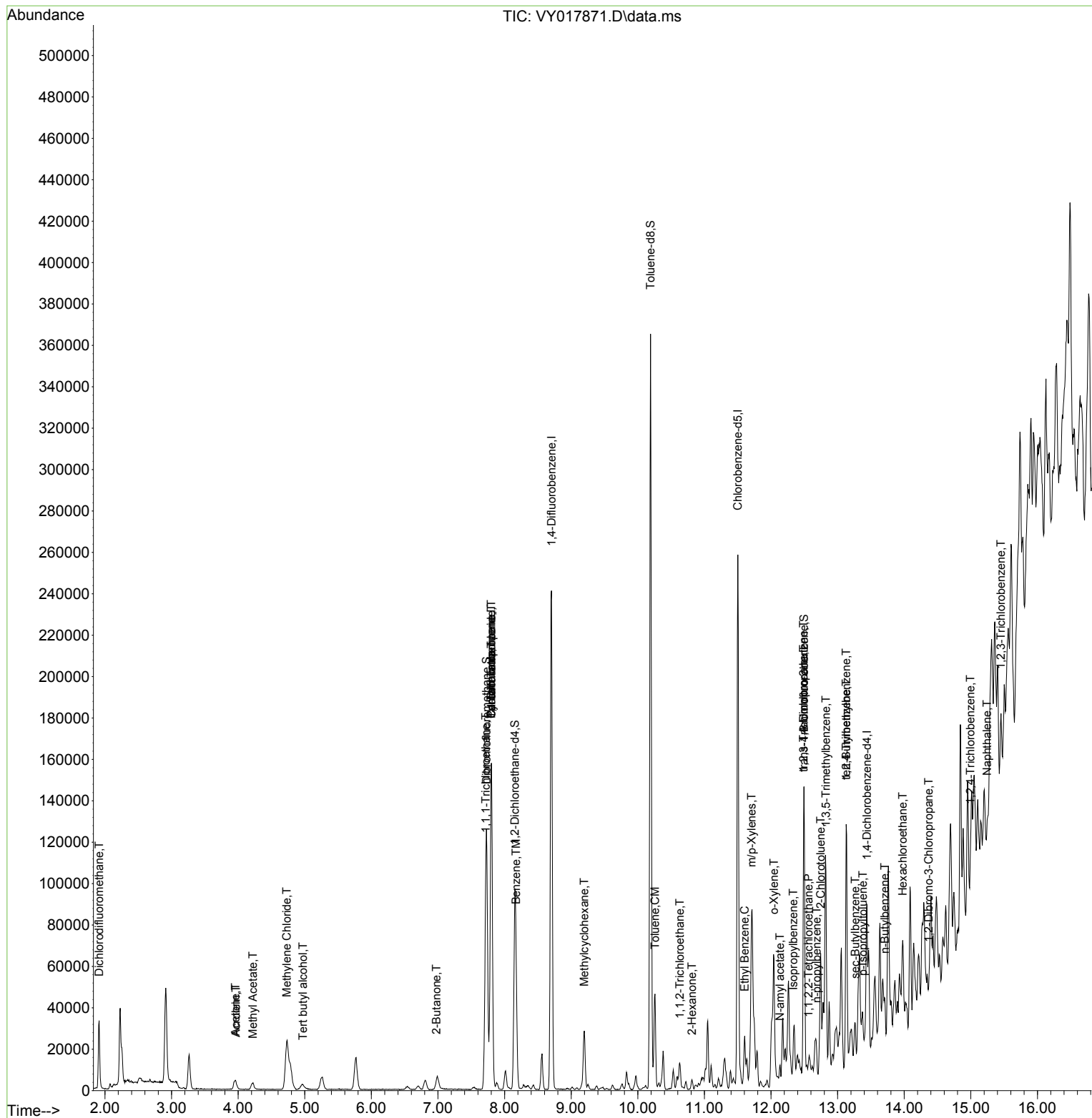
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.995	180	541	1.922	ug/l #	1
95) Naphthalene	15.245	128	6011	15.609	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.452	180	2766	11.632	ug/l #	25

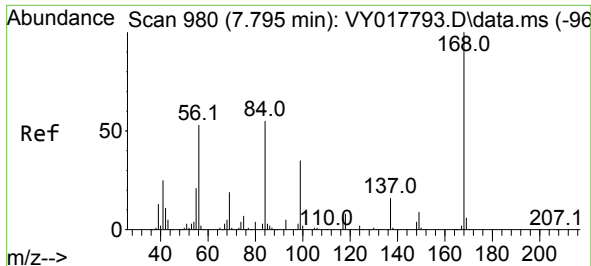
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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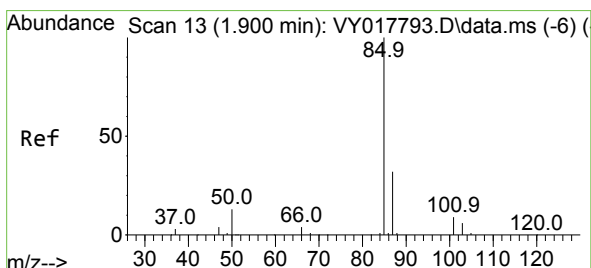
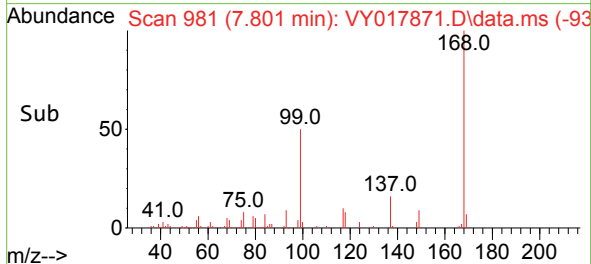
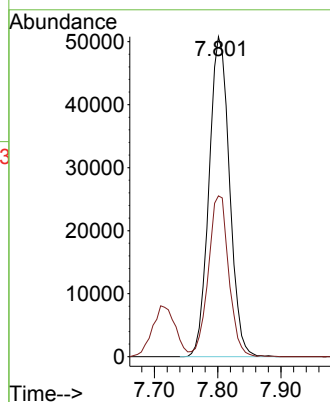
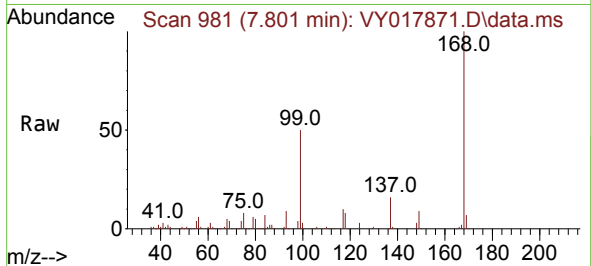




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

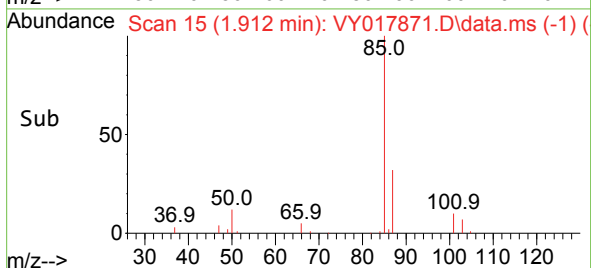
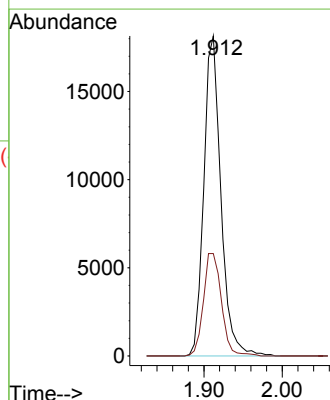
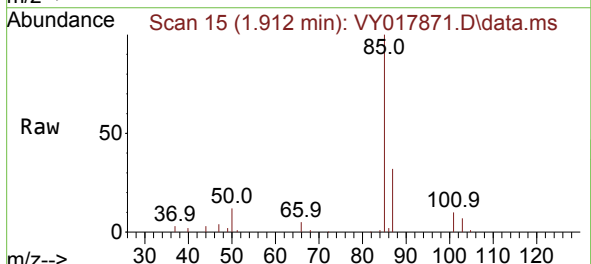
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

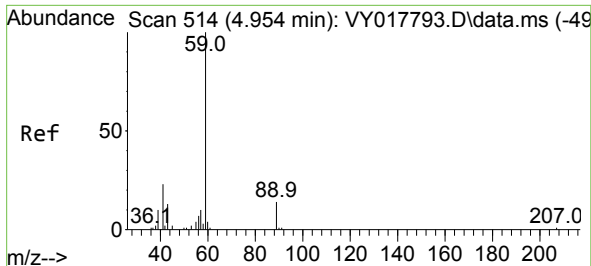
Tgt Ion:168 Resp: 114583
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 35.802 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 85 Resp: 27435
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0

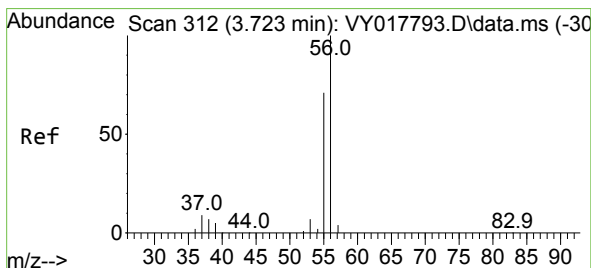
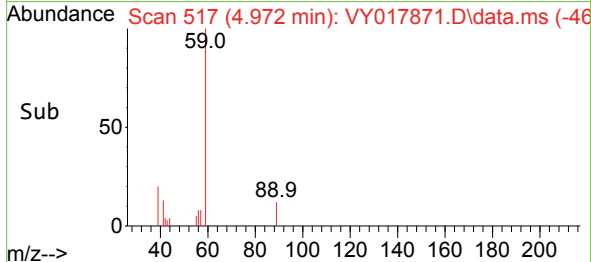
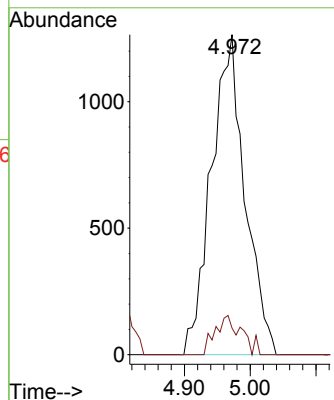
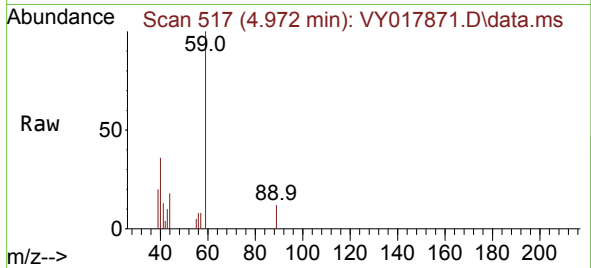




#11
Tert butyl alcohol
Concen: 29.874 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

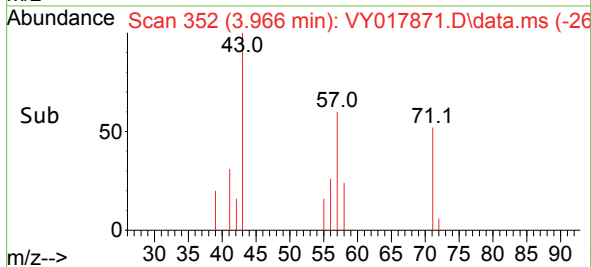
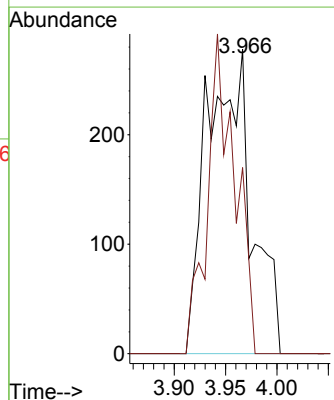
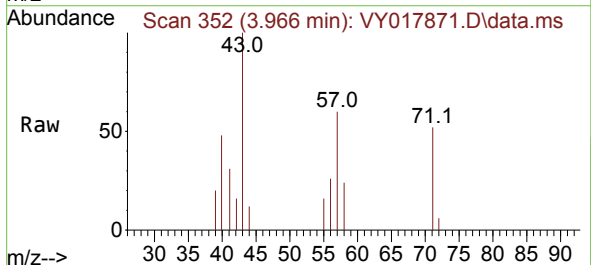
Instrument :
MSVOA_Y
ClientSampleId :
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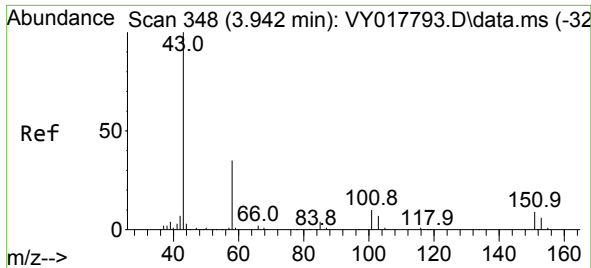
Tgt Ion: 59 Resp: 4498
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.6#



#13
Acrolein
Concen: 11.963 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.244 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 56 Resp: 831
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

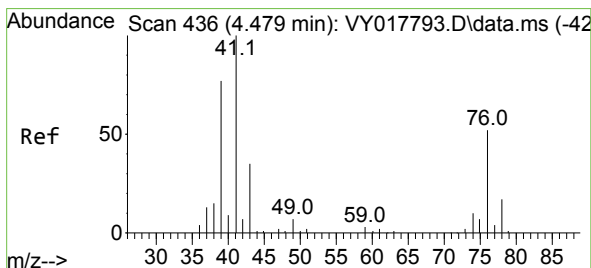
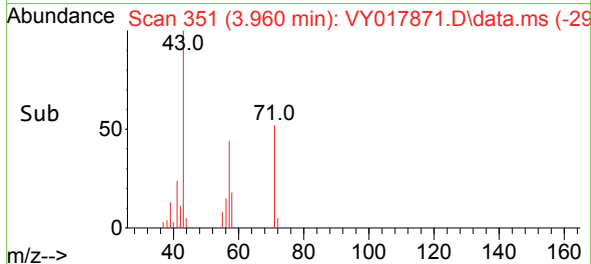
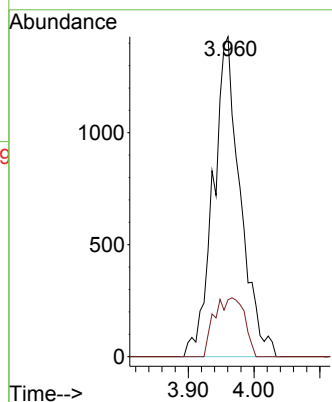
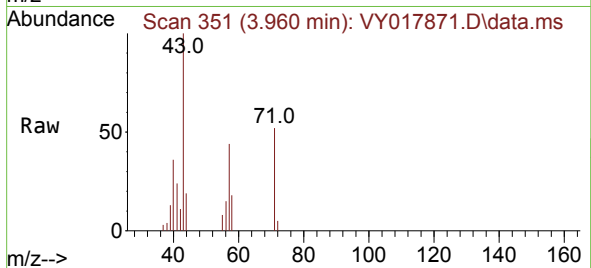




#16
Acetone
Concen: 19.907 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

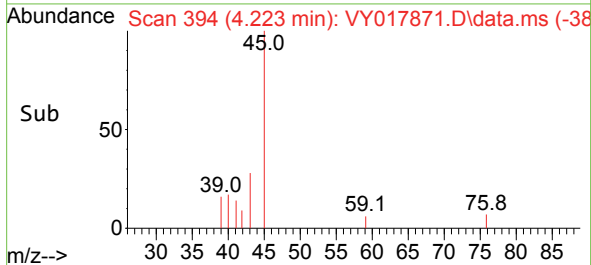
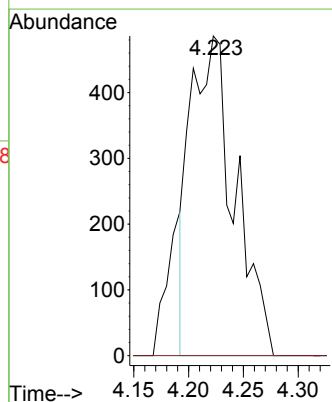
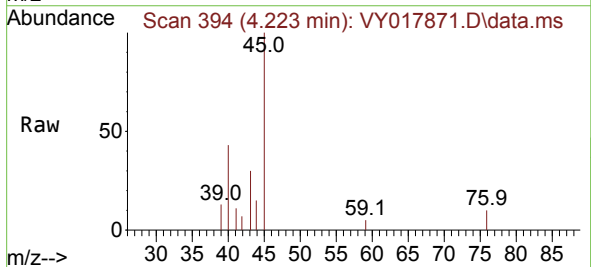
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

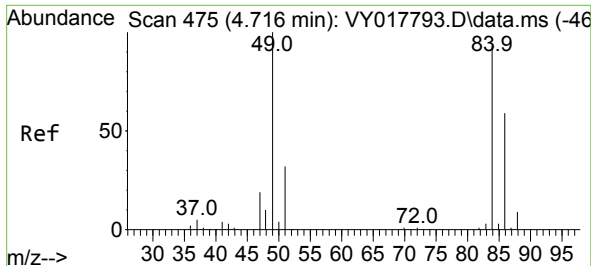
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 17.8 31.7 47.5#



#18
Methyl Acetate
Concen: 2.983 ug/l
RT: 4.223 min Scan# 394
Delta R.T. -0.256 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#20

Methylene Chloride

Concen: 12.275 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY017871.D

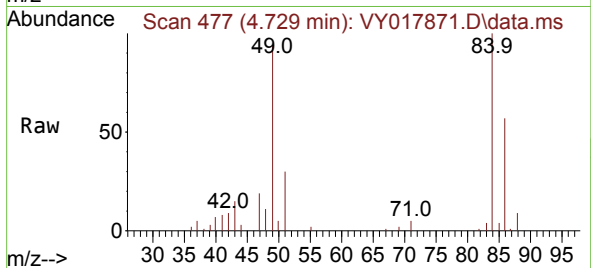
Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

MOO-23-00119



Tgt Ion: 84 Resp: 17933

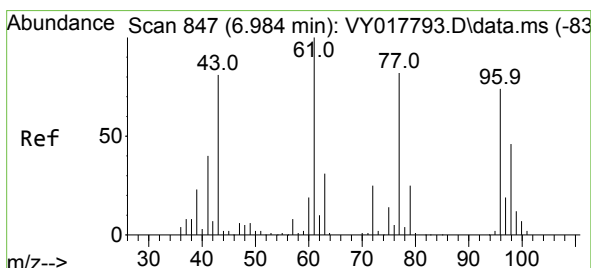
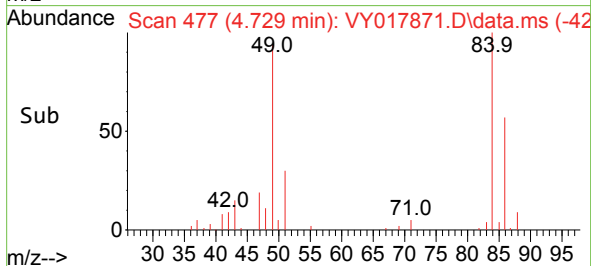
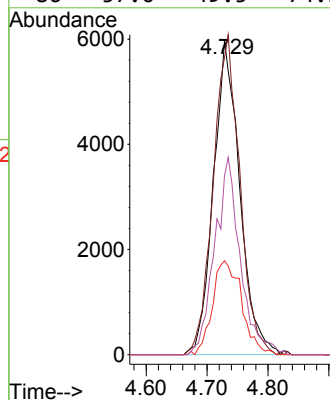
Ion Ratio Lower Upper

84 100

49 94.5 84.4 126.6

51 29.9 26.0 39.0

86 57.0 49.5 74.3



#25

2-Butanone

Concen: 1.014 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017871.D

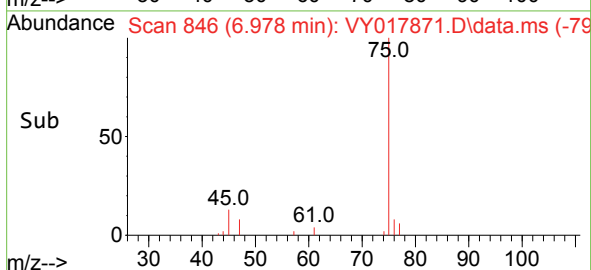
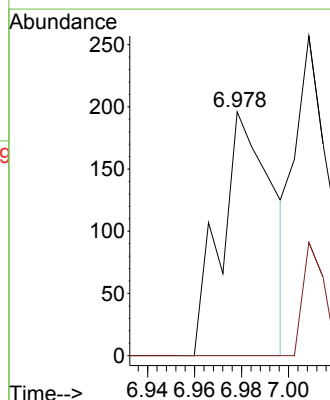
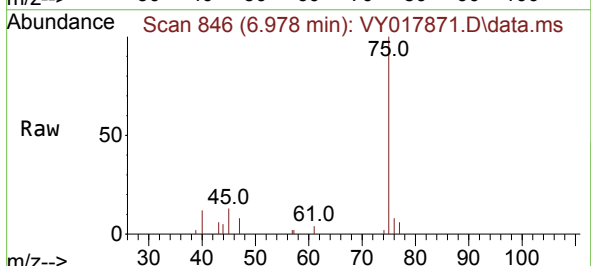
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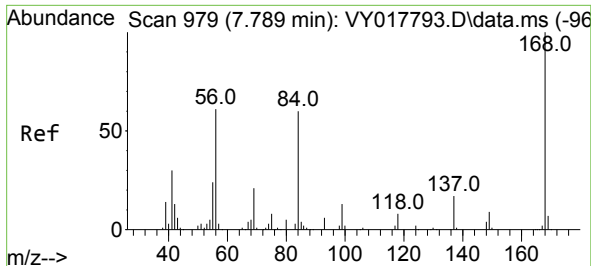
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

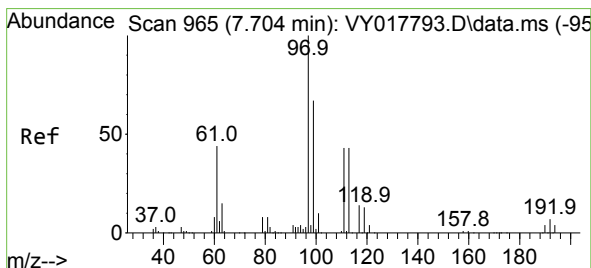
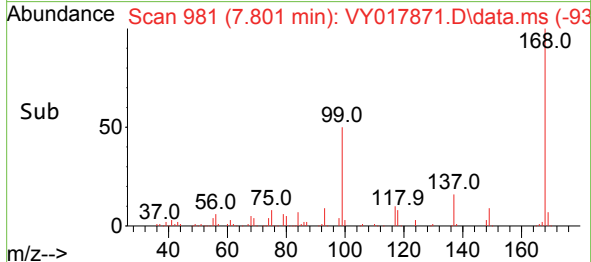
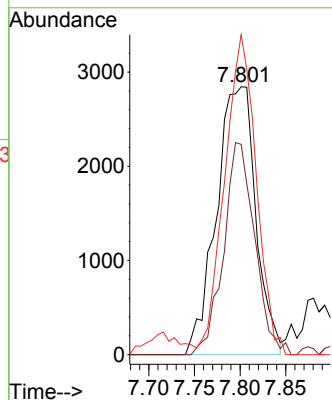
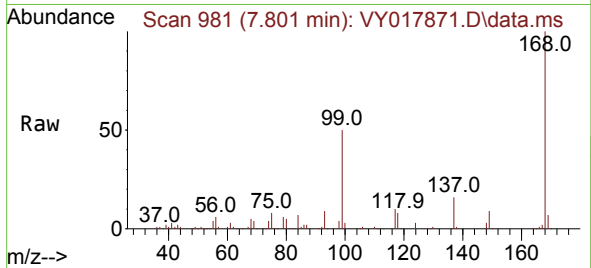




#31
Cyclohexane
Concen: 4.897 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

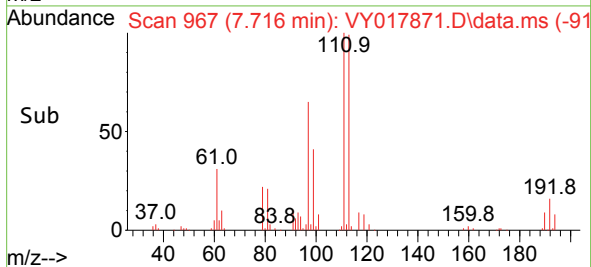
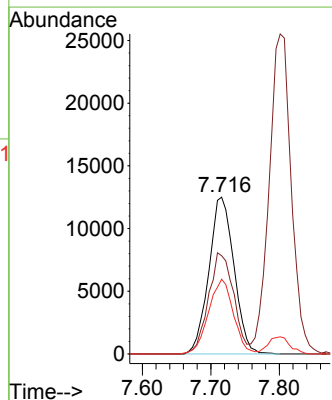
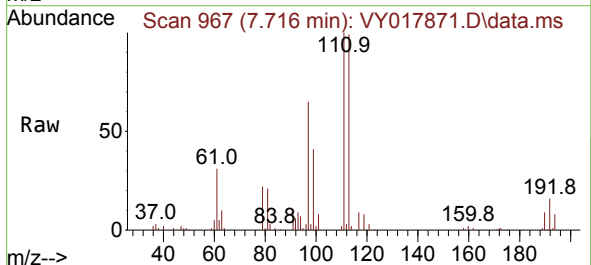
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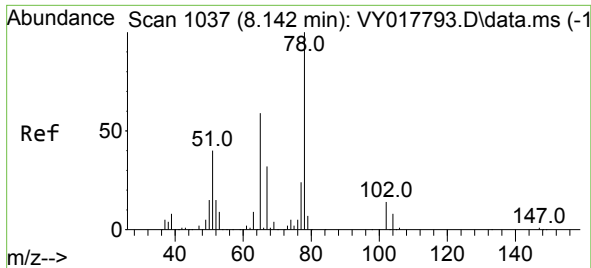
Tgt Ion: 56 Resp: 8554
Ion Ratio Lower Upper
56 100
69 78.6 28.7 43.1#
84 115.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 17.913 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 97 Resp: 31845
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 47.1 32.6 48.8

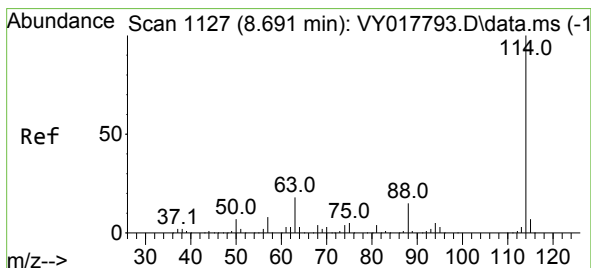
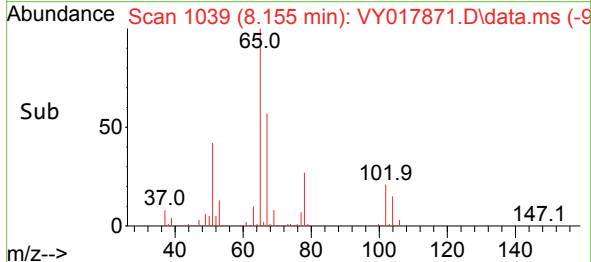
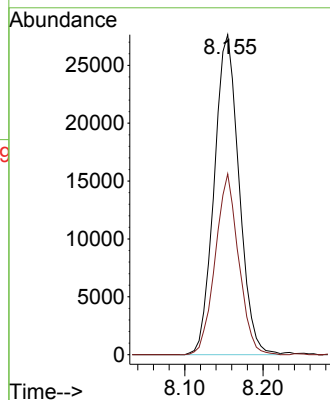
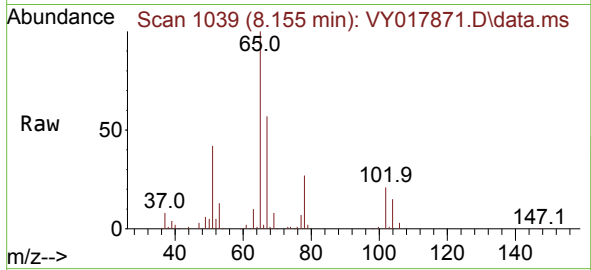




#33
 1,2-Dichloroethane-d4
 Concen: 61.482 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017871.D
 Acq: 05 Apr 2024 15:17

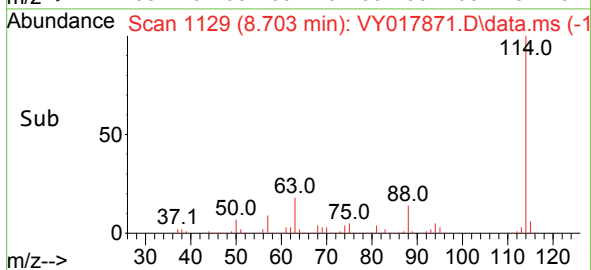
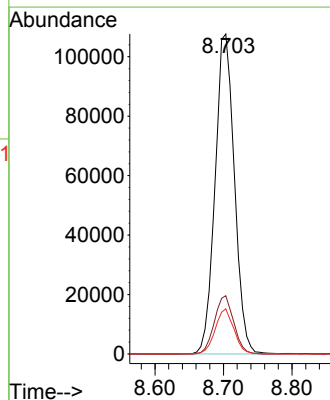
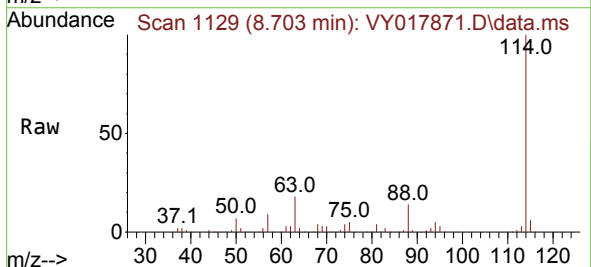
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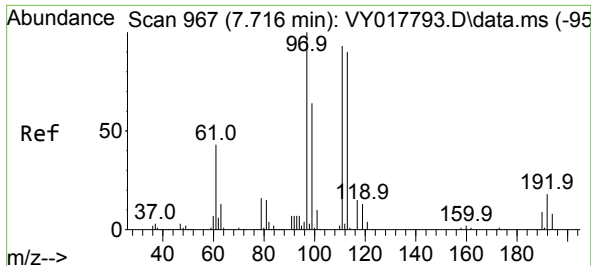
Tgt Ion: 65 Resp: 60961
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017871.D
 Acq: 05 Apr 2024 15:17

Tgt Ion: 114 Resp: 211021
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 14.1 0.0 27.2

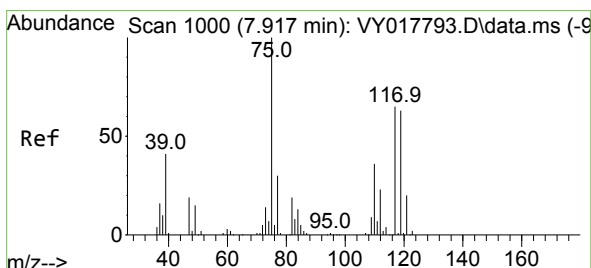
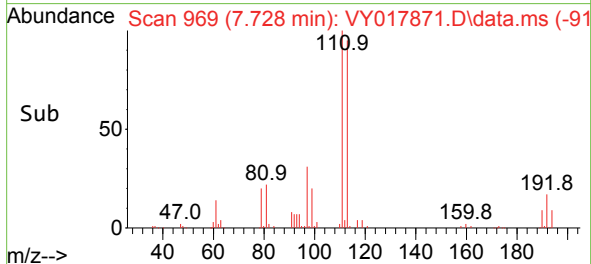
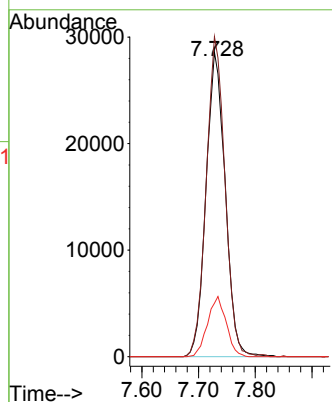
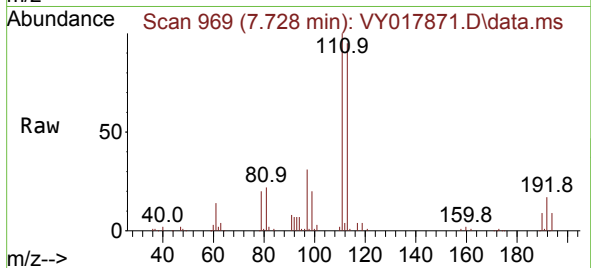




#35
Dibromofluoromethane
Concen: 55.035 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

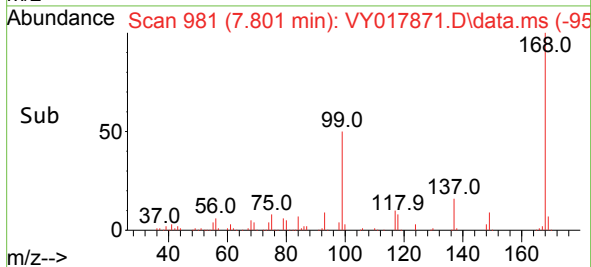
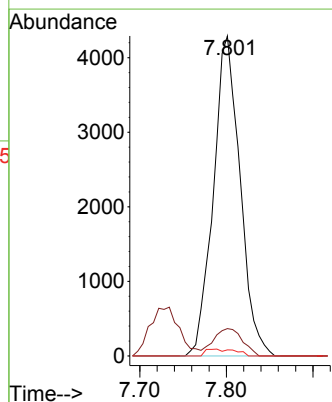
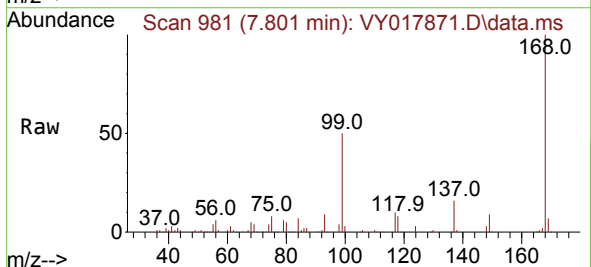
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

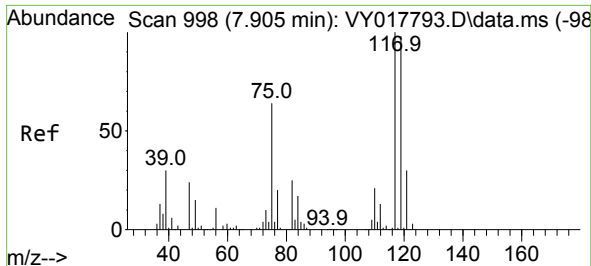
Tgt Ion:113 Resp: 67108
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

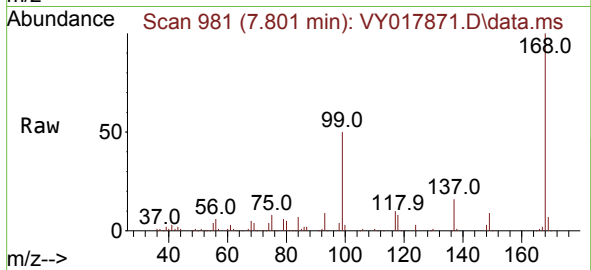
Tgt Ion: 75 Resp: 9179
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



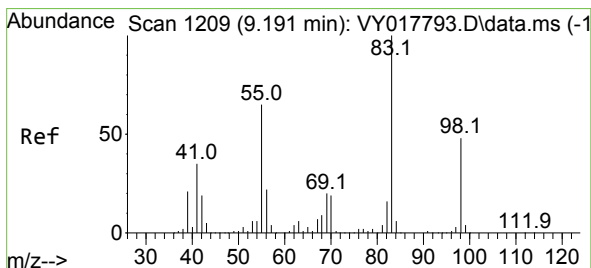
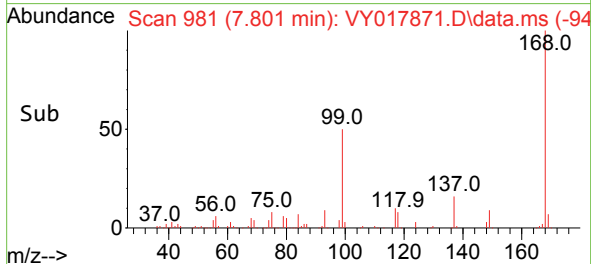
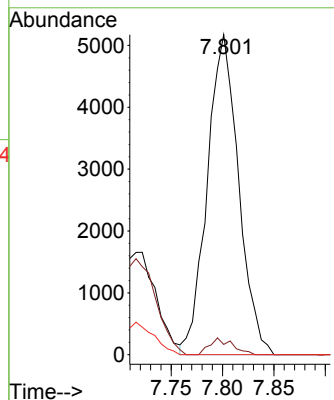


#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

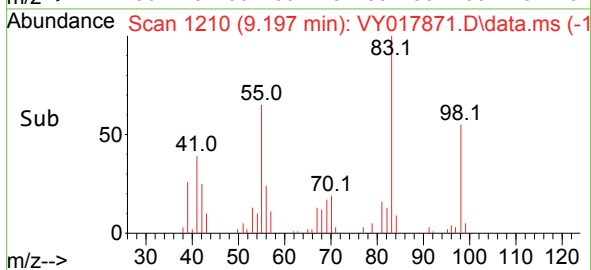
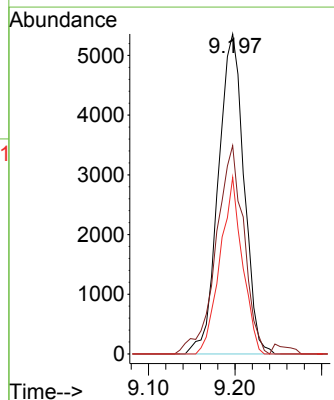
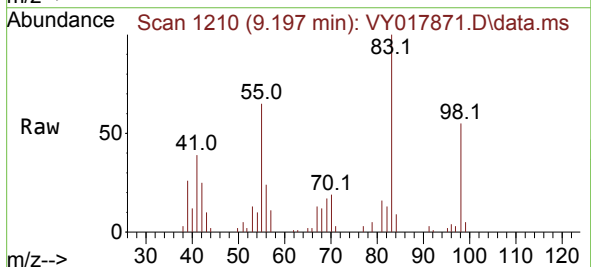


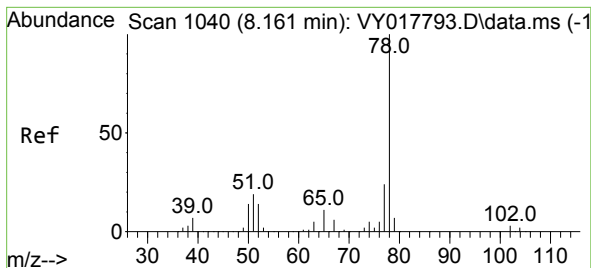
Tgt Ion:117 Resp: 10974
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 4.956 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.006 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 83 Resp: 11015
Ion Ratio Lower Upper
83 100
55 63.9 51.5 77.3
98 55.2 40.5 60.7





#40

Benzene

Concen: 6.708 ug/l

RT: 8.173 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

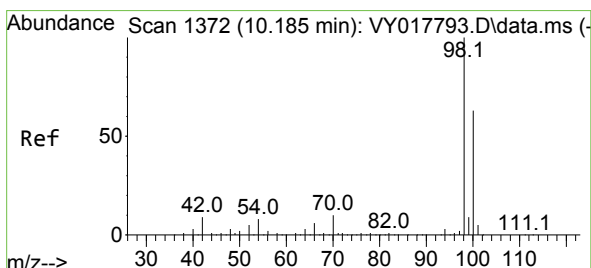
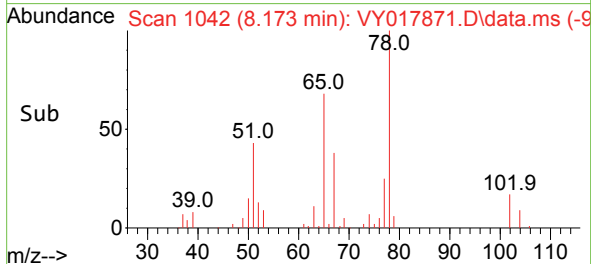
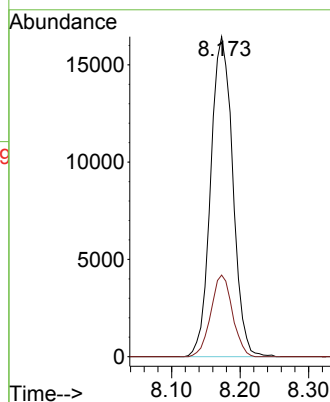
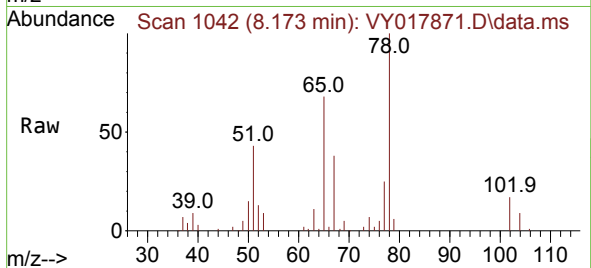
MOO-23-00119

Tgt Ion: 78 Resp: 36780

Ion Ratio Lower Upper

78 100

77 25.5 19.5 29.3



#50

Toluene-d8

Concen: 48.656 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017871.D

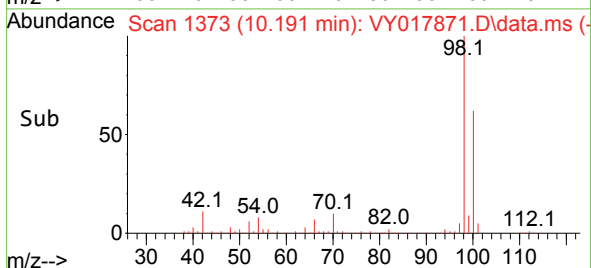
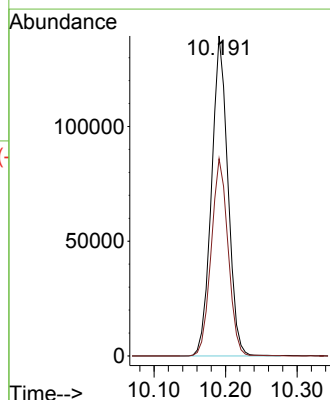
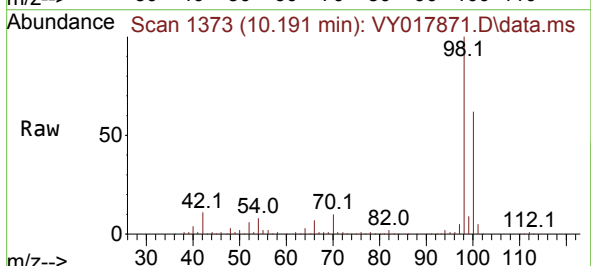
Acq: 05 Apr 2024 15:17

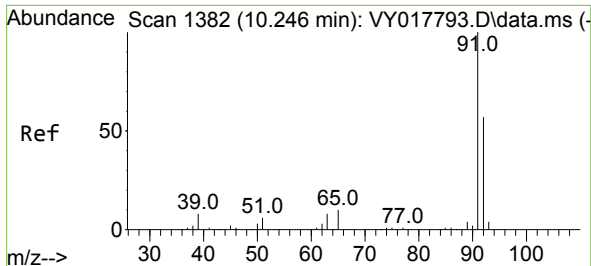
Tgt Ion: 98 Resp: 221624

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

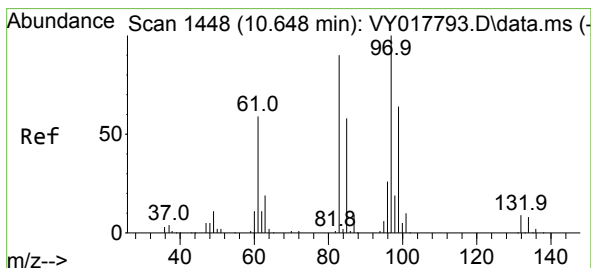
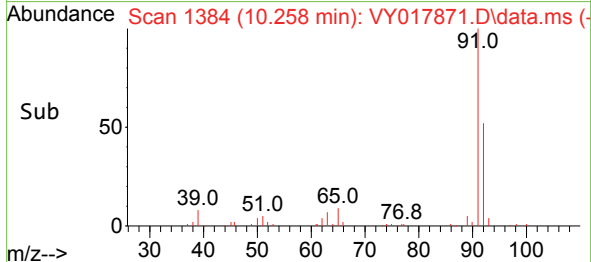
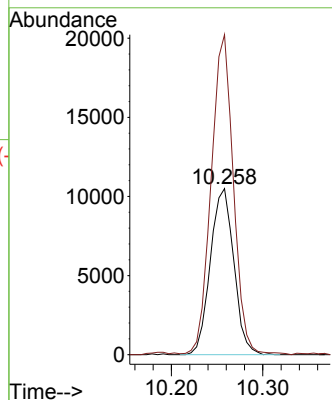
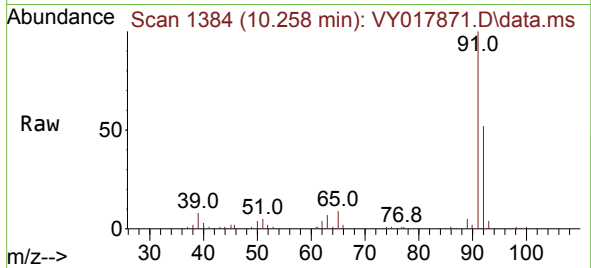




#52
Toluene
Concen: 5.628 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

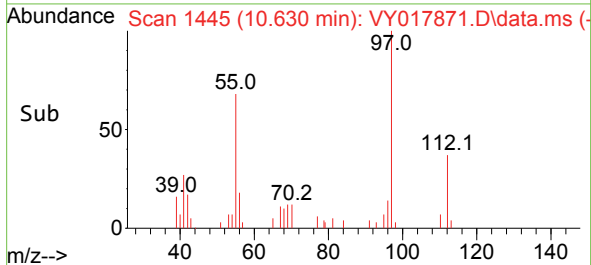
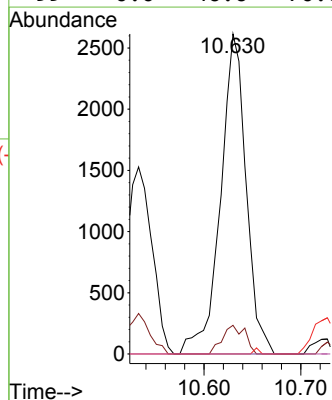
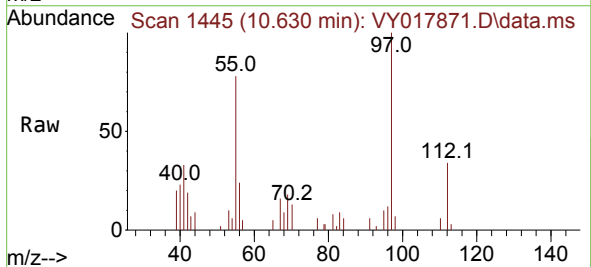
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

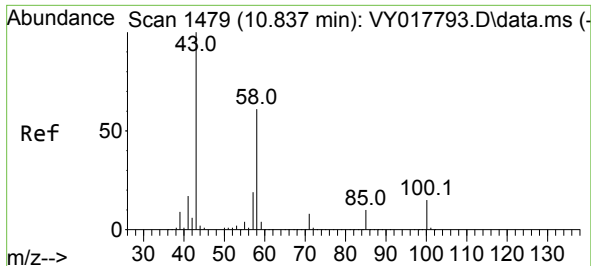
Tgt Ion: 92 Resp: 18718
Ion Ratio Lower Upper
92 100
91 182.8 139.0 208.6



#55
1,1,2-Trichloroethane
Concen: 4.979 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.018 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 97 Resp: 4802
Ion Ratio Lower Upper
97 100
83 9.0 67.5 101.3#
85 0.0 42.9 64.3#
99 0.0 46.6 70.0#

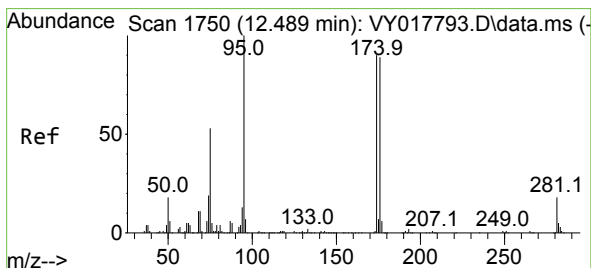
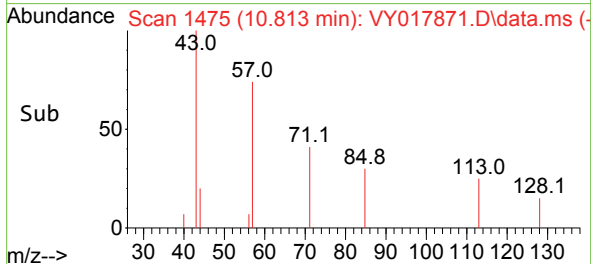
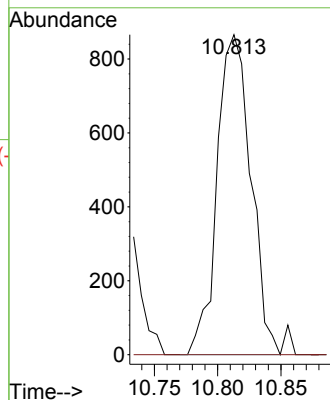
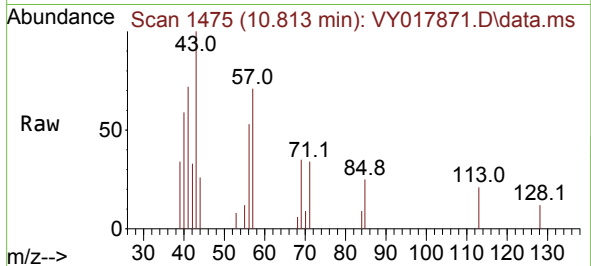




#59
2-Hexanone
Concen: 3.180 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.024 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

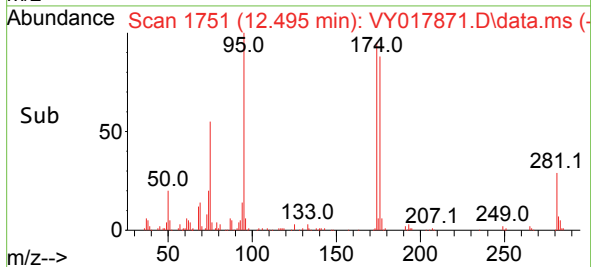
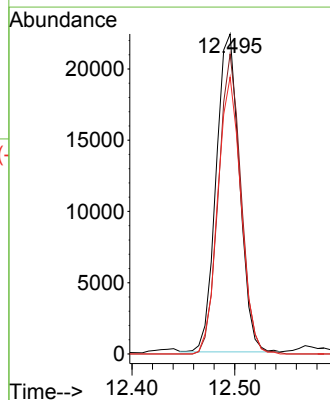
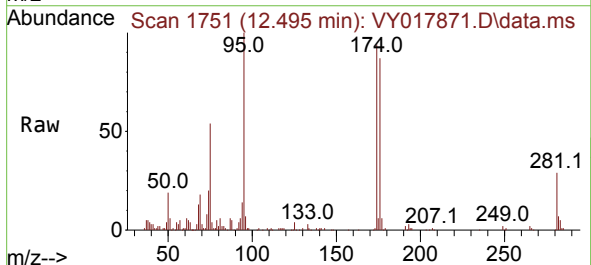
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

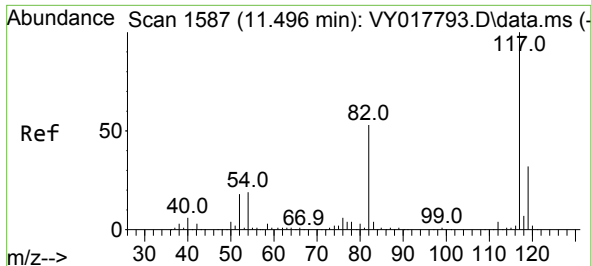
Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 25.285 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 95 Resp: 35040
Ion Ratio Lower Upper
95 100
174 91.3 0.0 175.6
176 87.1 0.0 171.4

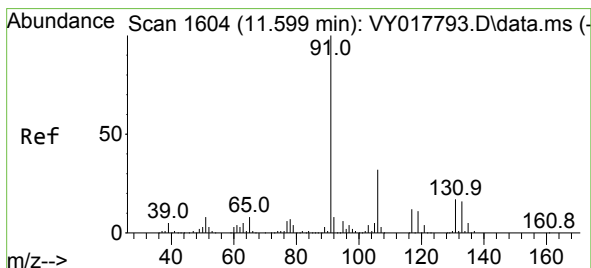
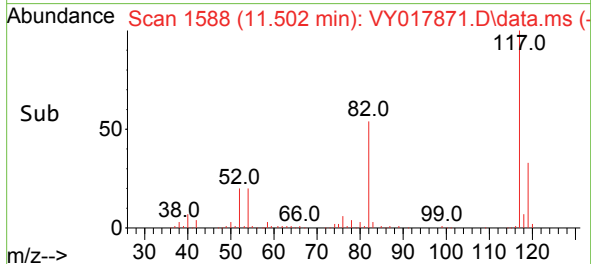
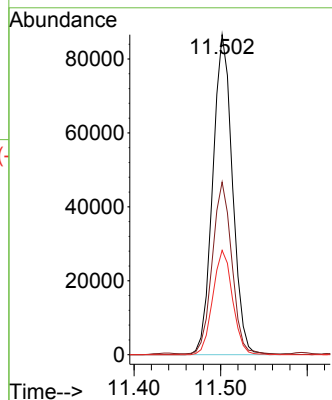
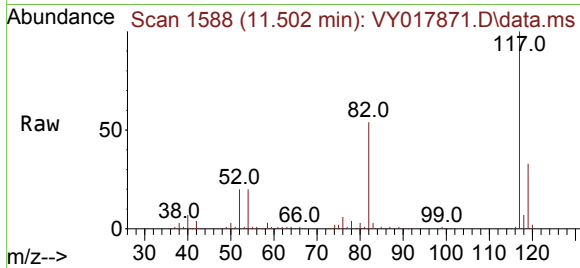




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

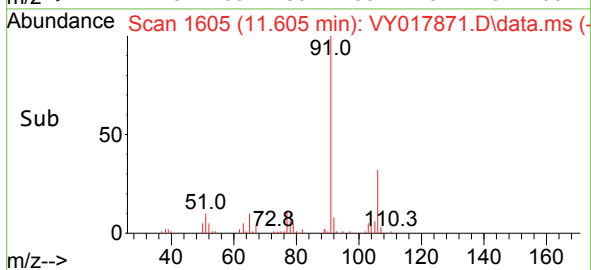
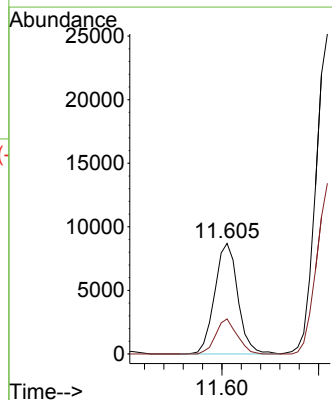
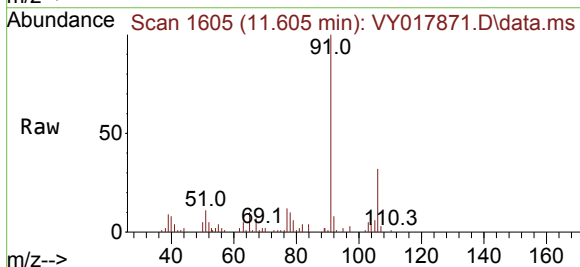
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

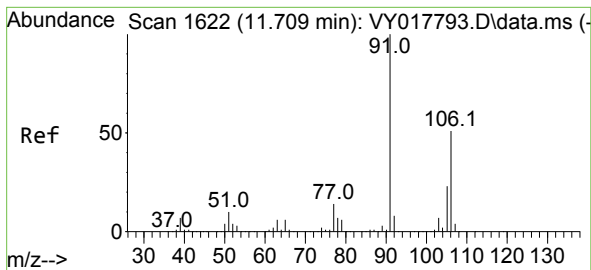
Tgt Ion:117 Resp: 136772
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.6 25.9 38.9



#67
Ethyl Benzene
Concen: 3.000 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 91 Resp: 14471
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7





#68

m/p-Xylenes

Concen: 12.867 ug/l

RT: 11.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

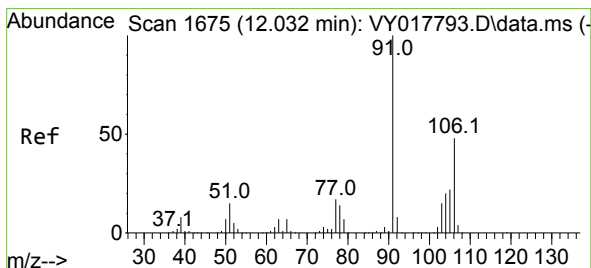
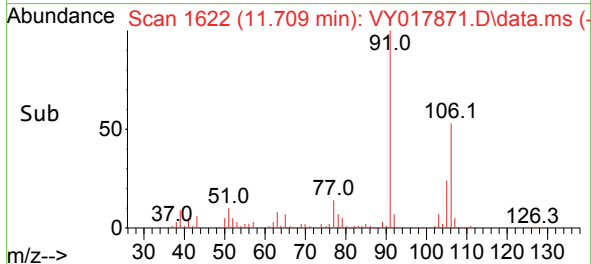
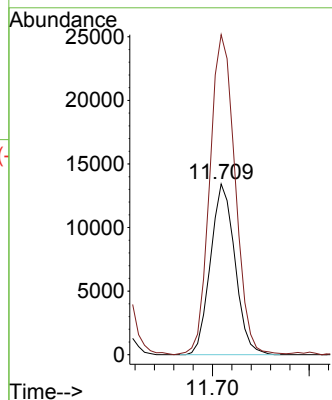
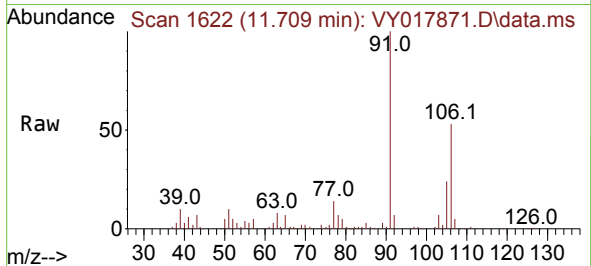
MOO-23-00119

Tgt Ion:106 Resp: 23536

Ion Ratio Lower Upper

106 100

91 194.7 156.0 234.0



#69

o-Xylene

Concen: 7.454 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.012 min

Lab File: VY017871.D

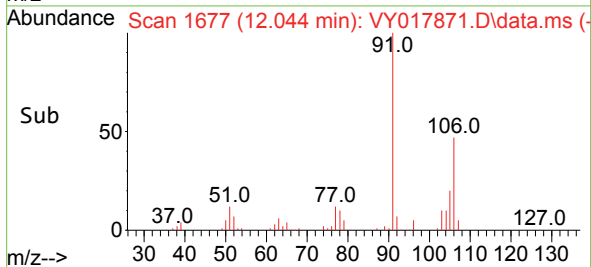
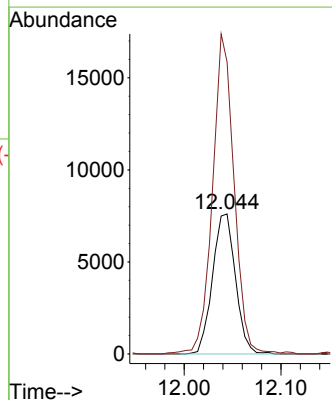
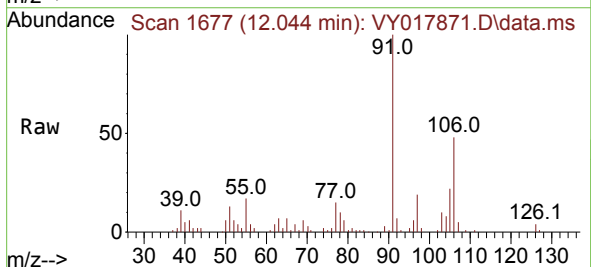
Acq: 05 Apr 2024 15:17

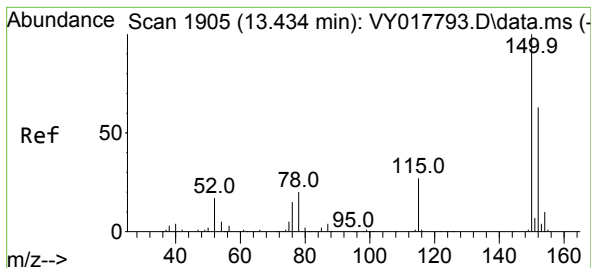
Tgt Ion:106 Resp: 12511

Ion Ratio Lower Upper

106 100

91 215.1 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

MOO-23-00119

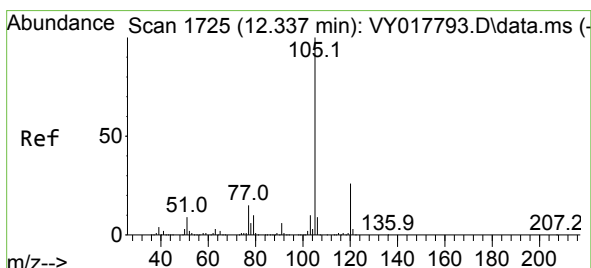
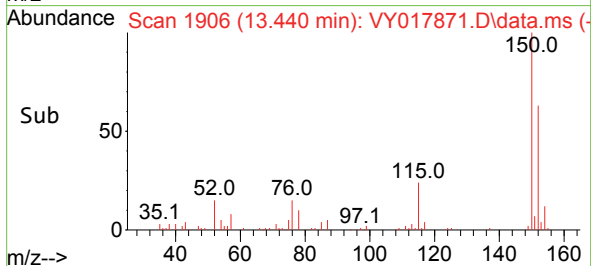
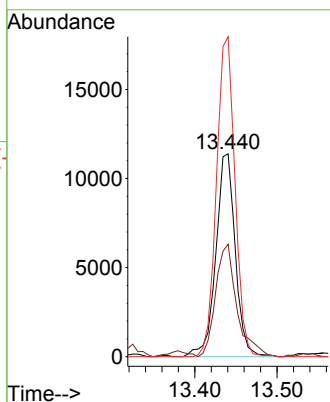
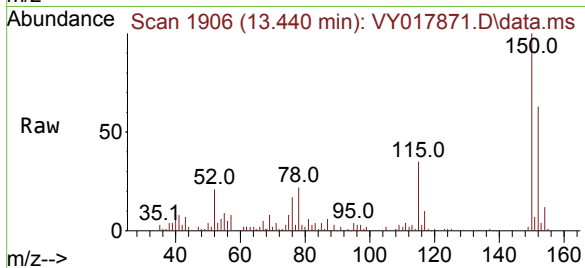
Tgt Ion:152 Resp: 18721

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 150.4 0.0 345.6



#73

Isopropylbenzene

Concen: 3.983 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017871.D

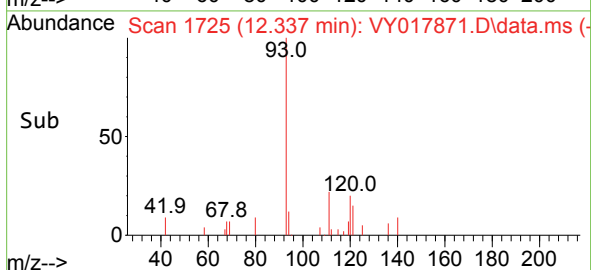
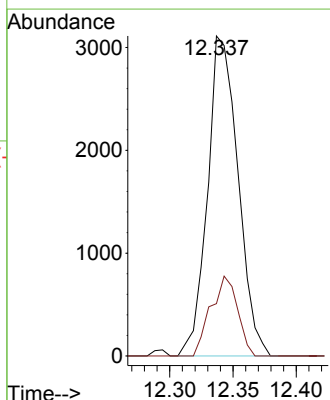
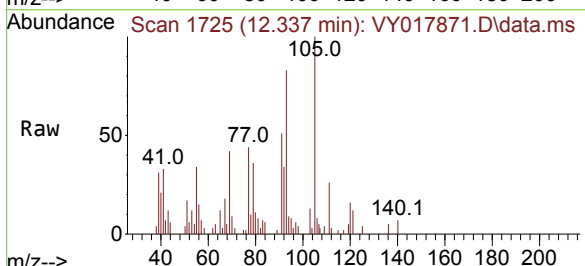
Acq: 05 Apr 2024 15:17

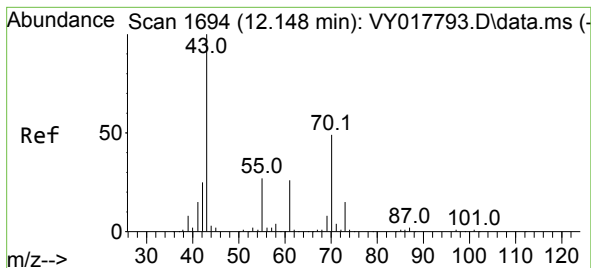
Tgt Ion:105 Resp: 5225

Ion Ratio Lower Upper

105 100

120 21.8 13.4 40.1





#74

N-amy1 acetate

Concen: 8.459 ug/l

RT: 12.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

MOO-23-00119

Tgt Ion: 43 Resp: 1891

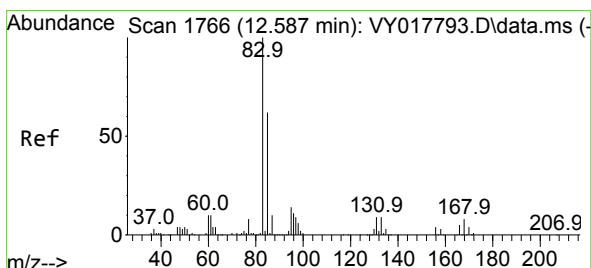
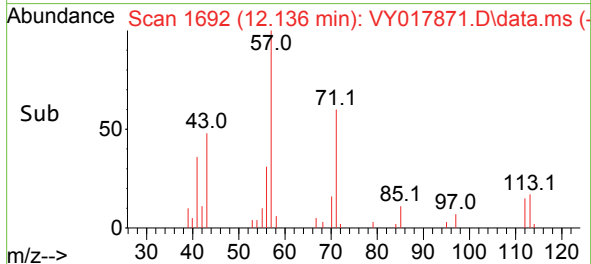
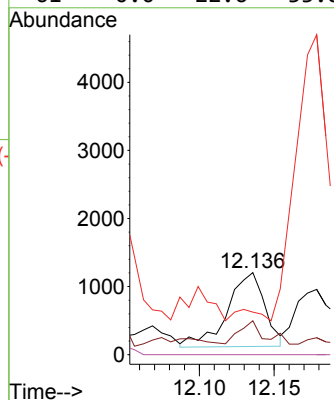
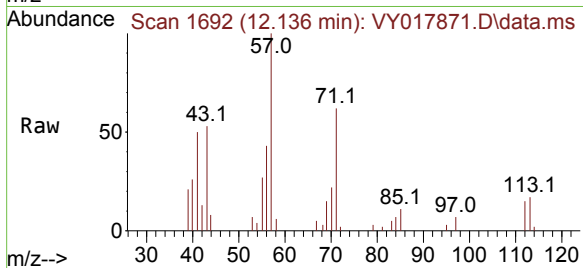
Ion Ratio Lower Upper

43 100

70 20.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.247 ug/l

RT: 12.562 min Scan# 1762

Delta R.T. -0.024 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

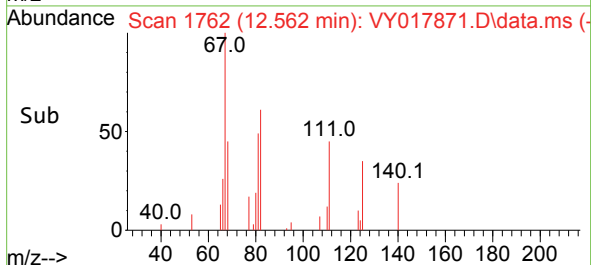
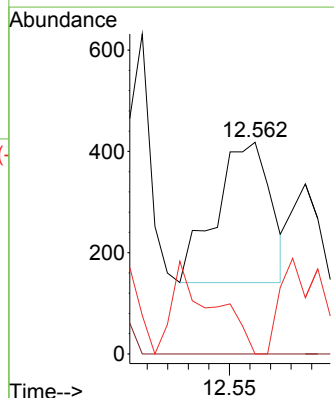
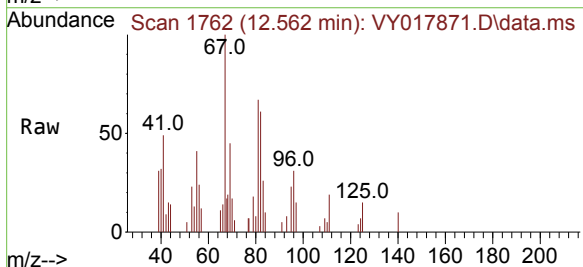
Tgt Ion: 83 Resp: 510

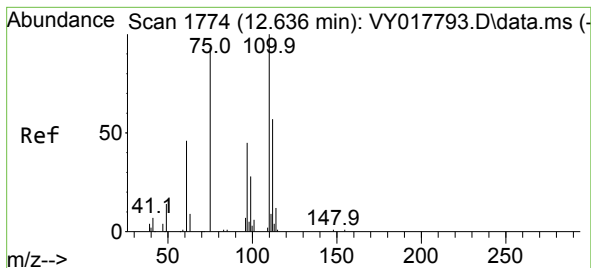
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 48.4 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 115.559 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

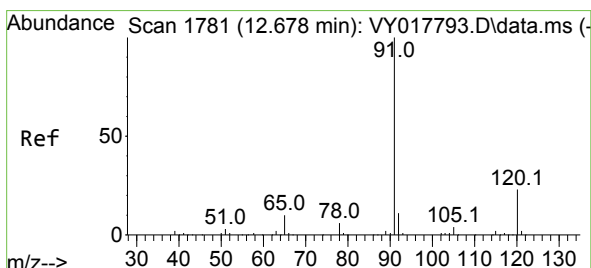
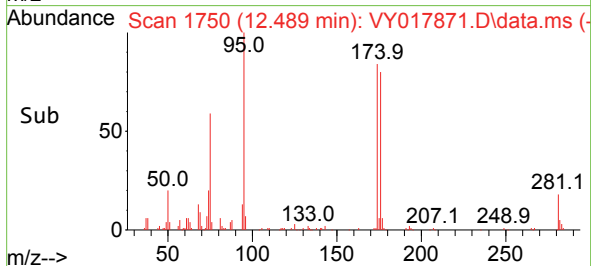
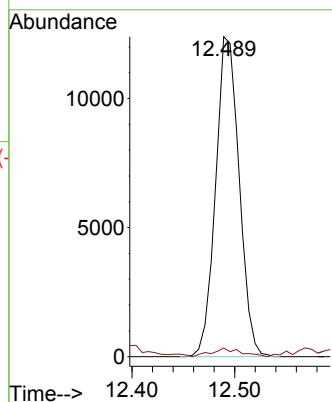
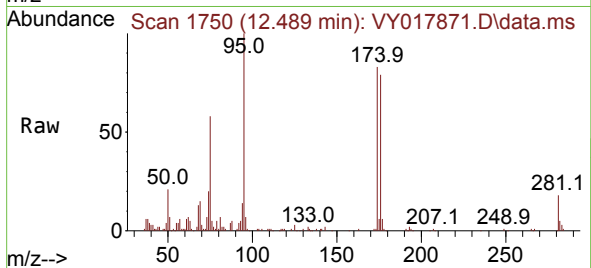
MOO-23-00119

Tgt Ion: 75 Resp: 19714

Ion Ratio Lower Upper

75 100

77 3.3 0.0 0.0#



#78

n-propylbenzene

Concen: 6.076 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017871.D

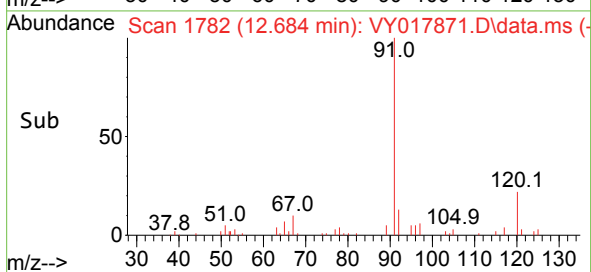
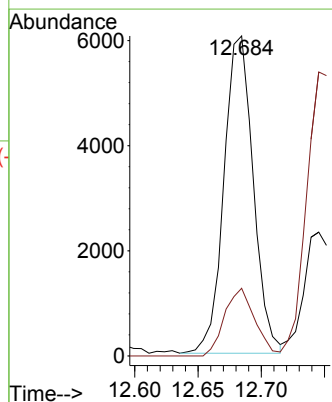
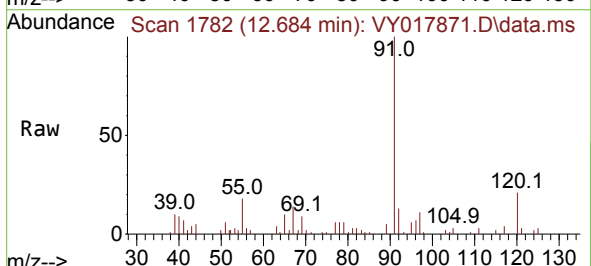
Acq: 05 Apr 2024 15:17

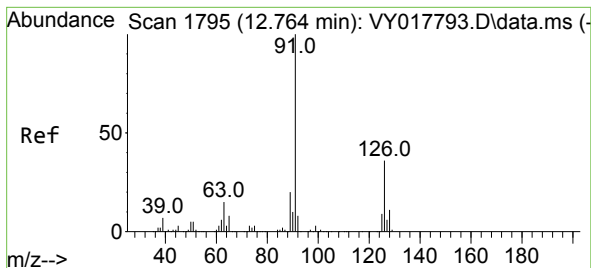
Tgt Ion: 91 Resp: 9727

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.901 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

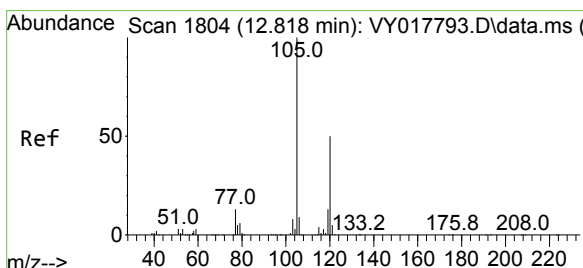
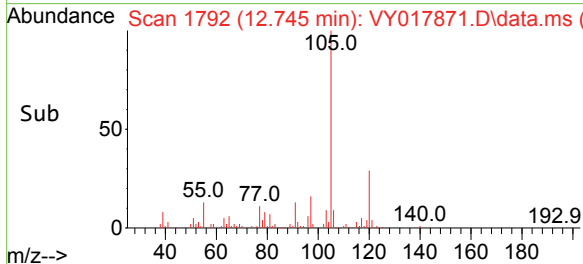
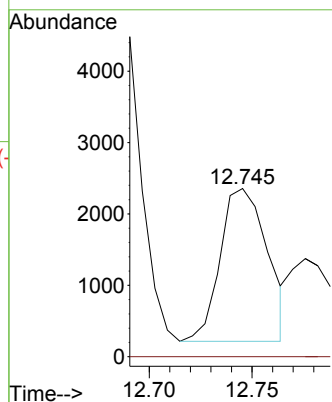
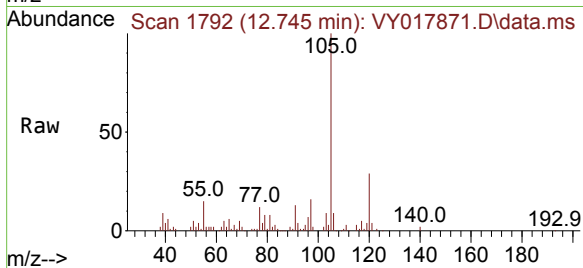
MOO-23-00119

Tgt Ion: 91 Resp: 3421

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 20.016 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017871.D

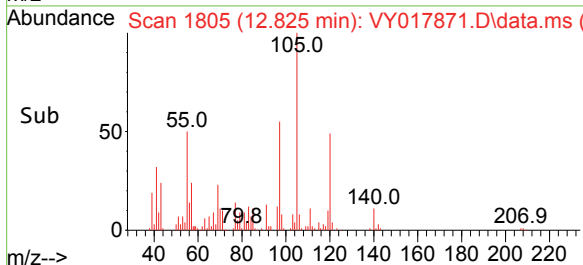
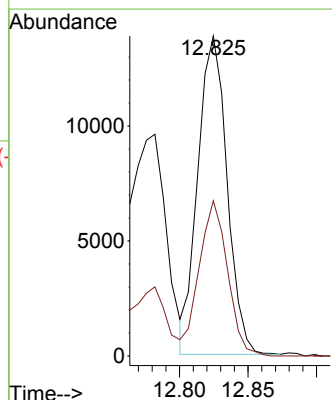
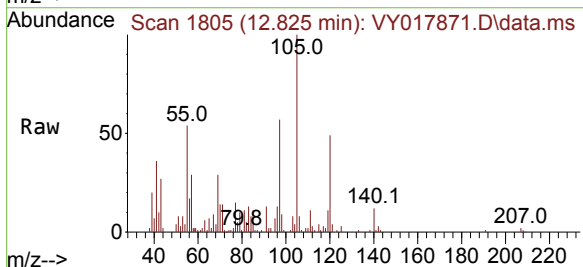
Acq: 05 Apr 2024 15:17

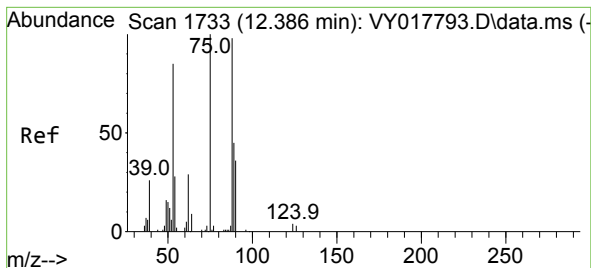
Tgt Ion:105 Resp: 20494

Ion Ratio Lower Upper

105 100

120 47.5 25.1 75.2

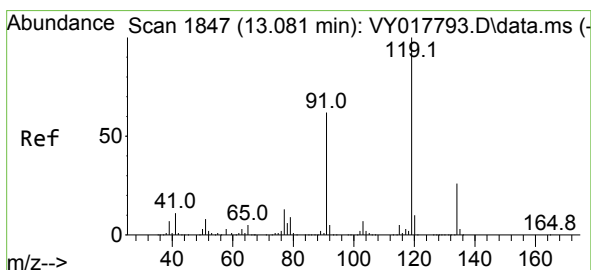
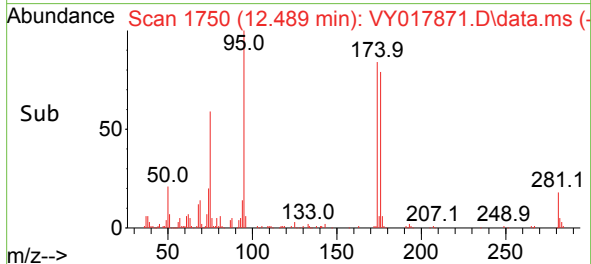
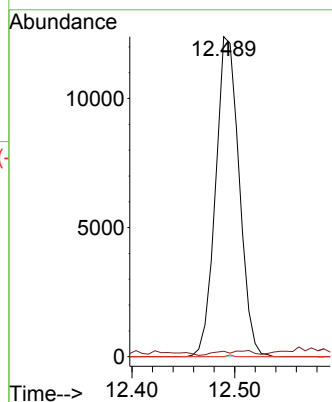
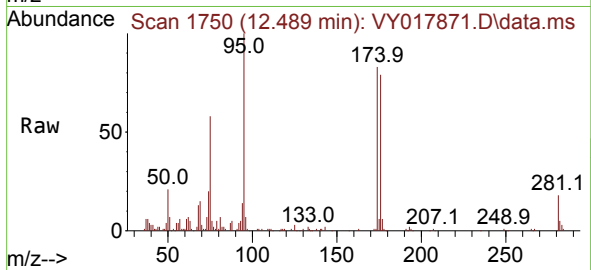




#81
trans-1,4-Dichloro-2-butene
Concen: 183.933 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

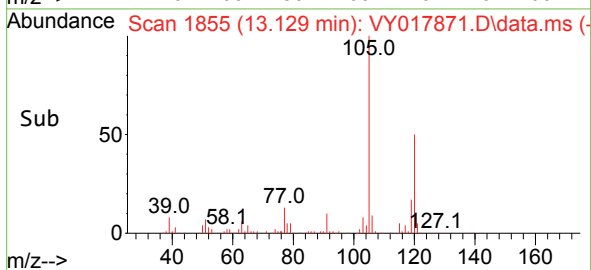
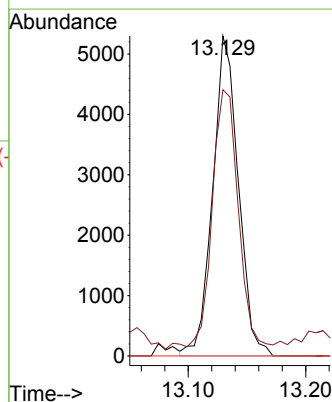
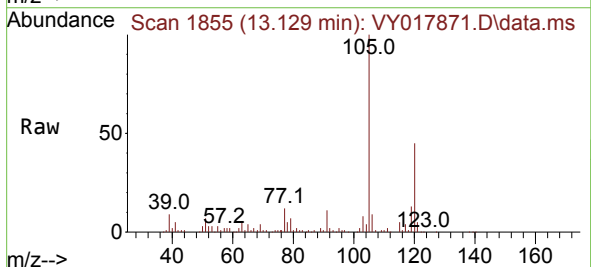
Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00119

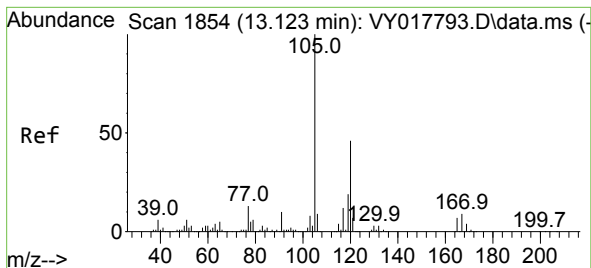
Tgt Ion: 75 Resp: 19714
Ion Ratio Lower Upper
75 100
53 0.9 66.8 100.2#
89 0.1 35.8 53.6#



#83
tert-Butylbenzene
Concen: 8.628 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.049 min
Lab File: VY017871.D
Acq: 05 Apr 2024 15:17

Tgt Ion: 119 Resp: 8032
Ion Ratio Lower Upper
119 100
91 83.2 31.3 93.8
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 58.959 ug/l

RT: 13.129 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

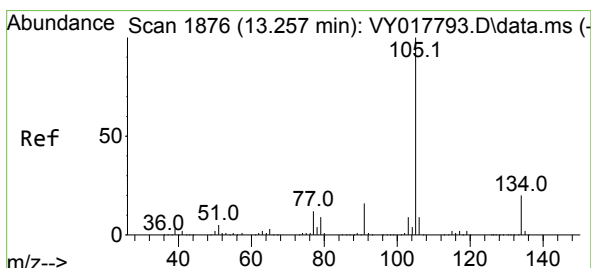
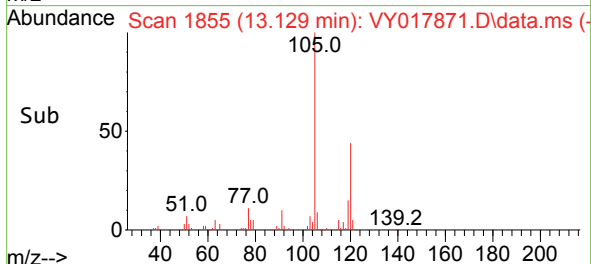
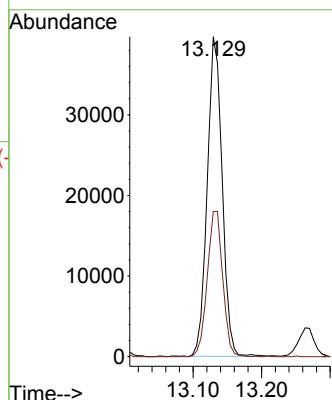
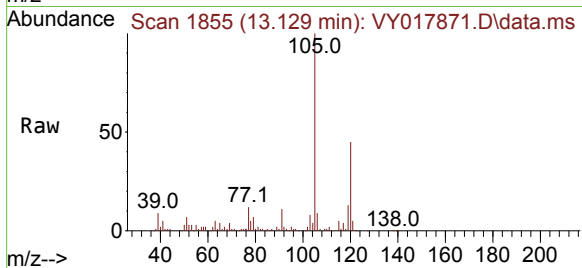
MOO-23-00119

Tgt Ion:105 Resp: 60123

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6



#85

sec-Butylbenzene

Concen: 4.133 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017871.D

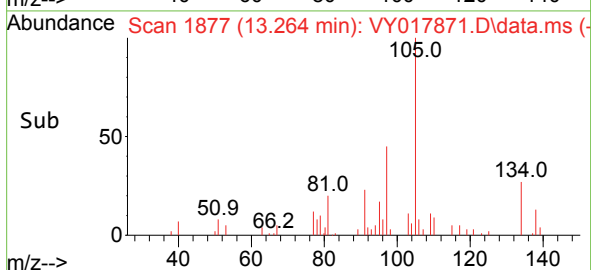
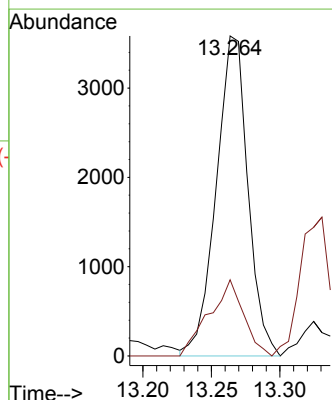
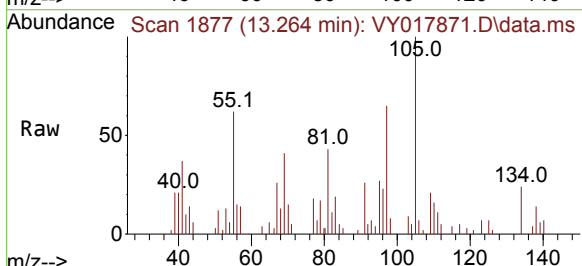
Acq: 05 Apr 2024 15:17

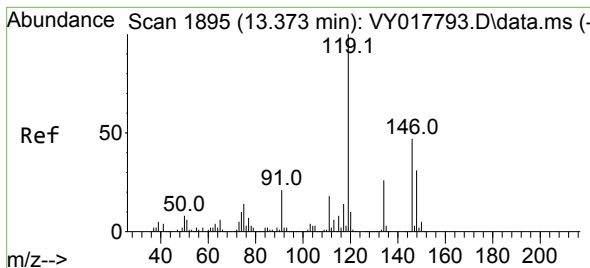
Tgt Ion:105 Resp: 5774

Ion Ratio Lower Upper

105 100

134 25.9 10.1 30.1





#86

p-Isopropyltoluene

Concen: 5.254 ug/l

RT: 13.379 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

MOO-23-00119

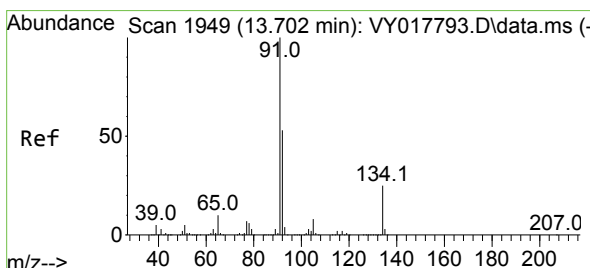
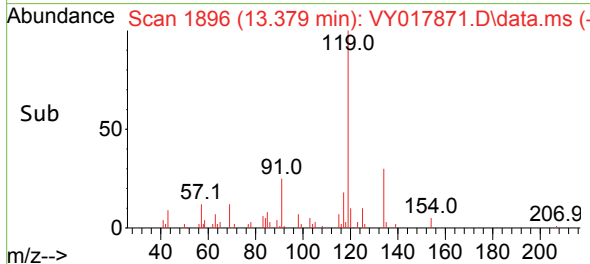
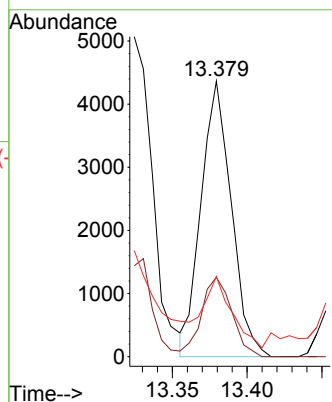
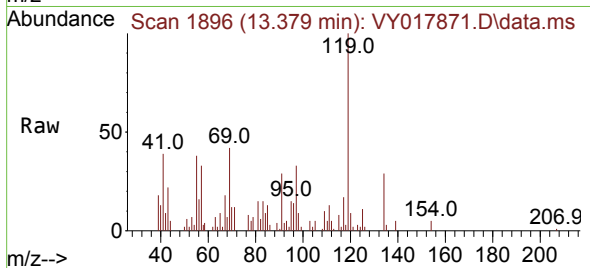
Tgt Ion:119 Resp: 6136

Ion Ratio Lower Upper

119 100

134 29.0 13.1 39.3

91 24.1 10.7 32.1



#89

n-Butylbenzene

Concen: 3.229 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

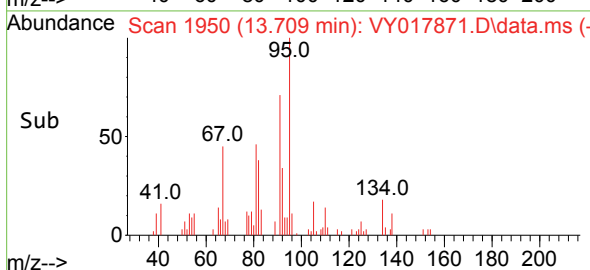
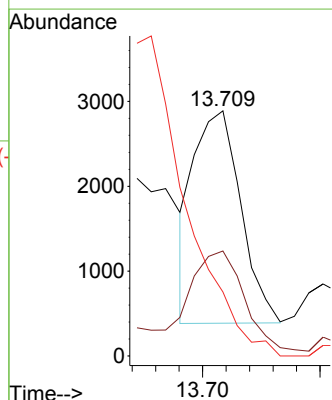
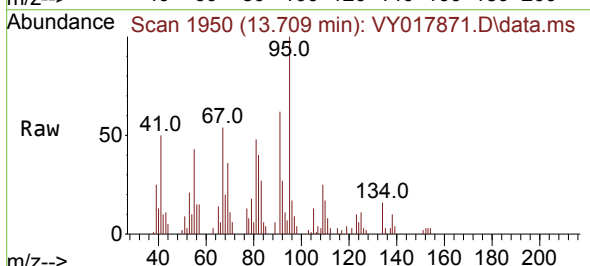
Tgt Ion: 91 Resp: 3469

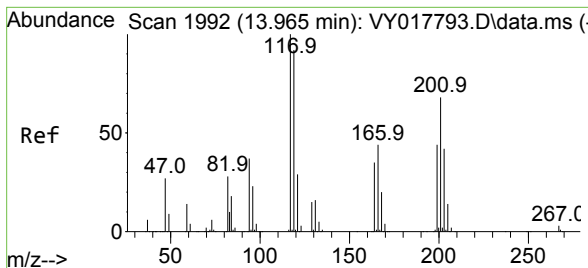
Ion Ratio Lower Upper

91 100

92 61.9 26.6 79.7

134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 5.632 ug/l

RT: 13.977 min Scan# 1992

Delta R.T. 0.012 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

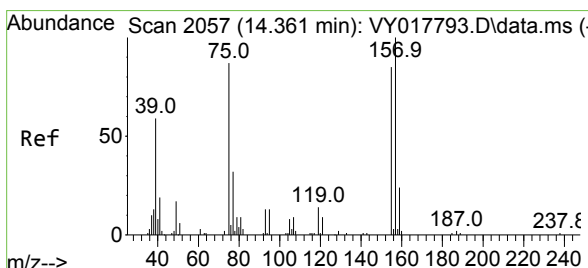
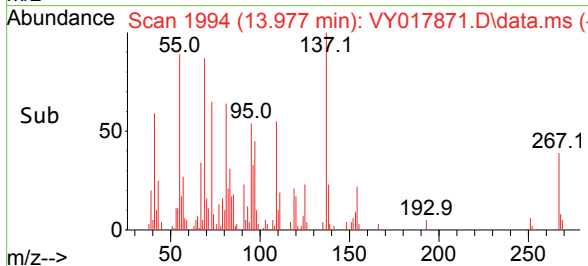
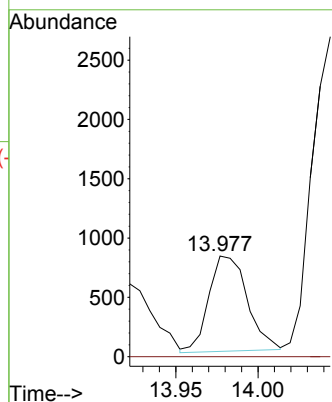
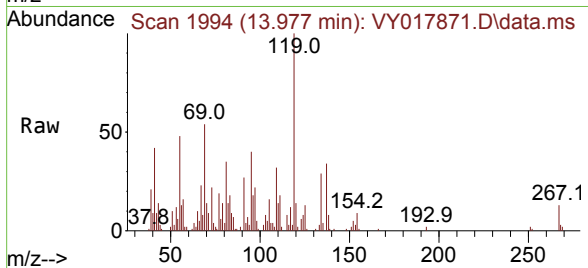
MOO-23-00119

Tgt Ion:117 Resp: 1308

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.283 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

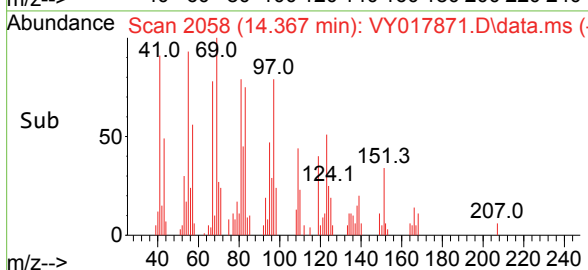
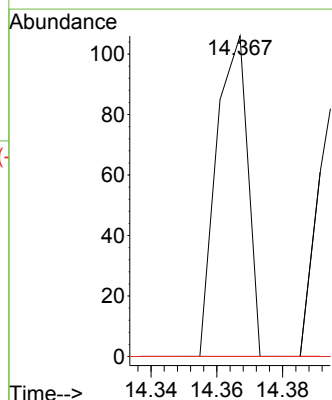
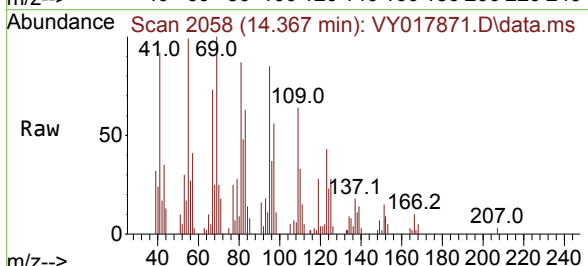
Tgt Ion: 75 Resp: 70

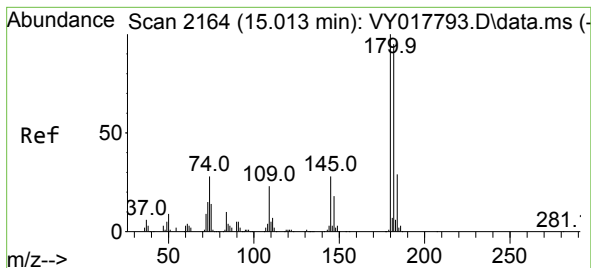
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

157 0.0 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.922 ug/l

RT: 14.995 min Scan# 2161

Delta R.T. -0.018 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

MOO-23-00119

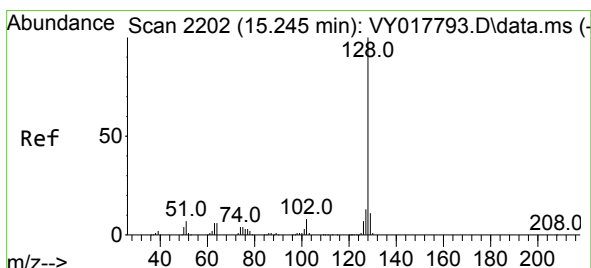
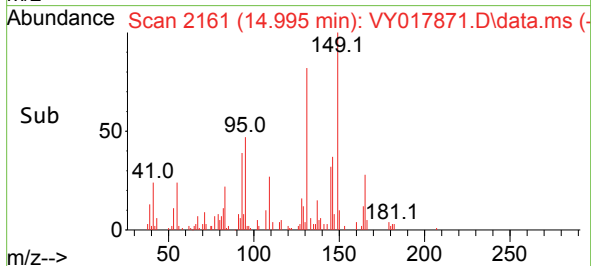
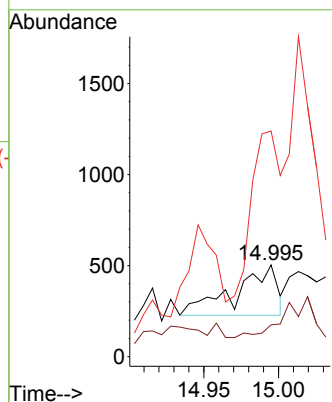
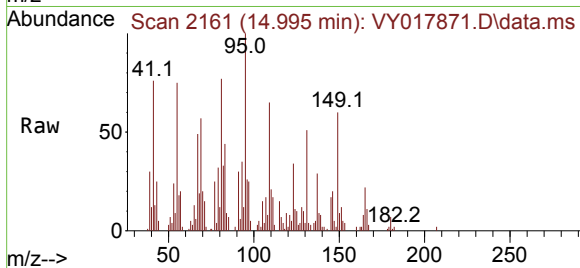
Tgt Ion:180 Resp: 541

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 347.1 14.2 42.6#



#95

Naphthalene

Concen: 15.609 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017871.D

Acq: 05 Apr 2024 15:17

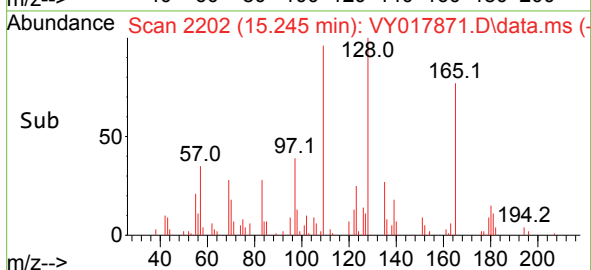
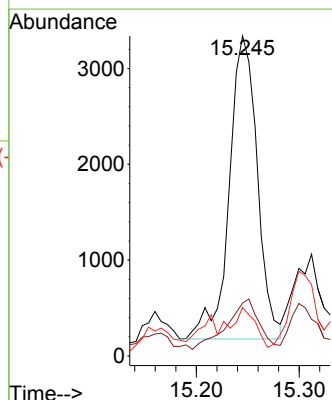
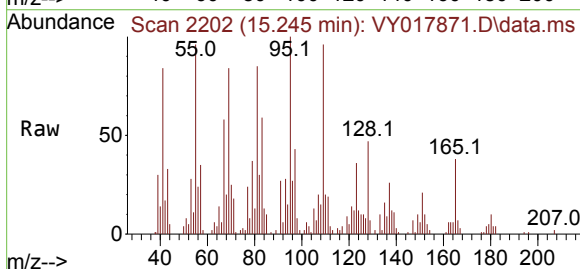
Tgt Ion:128 Resp: 6011

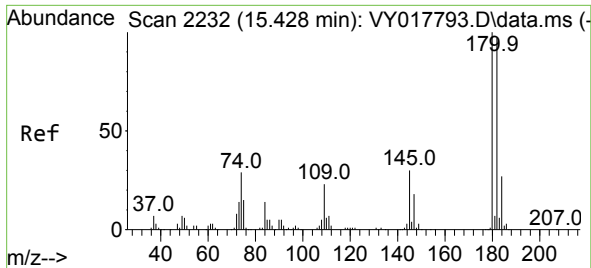
Ion Ratio Lower Upper

128 100

127 19.1 10.6 16.0#

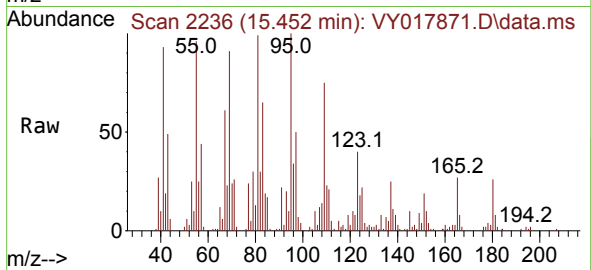
129 8.6 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 11.632 ug/l
 RT: 15.452 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY017871.D
 Acq: 05 Apr 2024 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00119



Tgt Ion:180 Resp: 2766
 Ion Ratio Lower Upper
 180 100
 182 16.1 47.6 142.9#
 145 0.0 15.4 46.1#

