

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017620.D
 Acq On : 08 Mar 2024 12:58
 Operator : SY/MD
 Sample : P1706-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1333

Quant Time: Mar 08 22:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55299	49.055	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.716	113	68051	44.675	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.340%		
50) Toluene-d8	10.179	98	260435	48.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.483	95	67483	40.318	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	17482	182.568	ug/l #	81
13) Acrolein	3.716	56	2495	19.747	ug/l #	64
14) Allyl chloride	4.411	41	3654	2.691	ug/l #	25
15) Acrylonitrile	5.155	53	1905	7.538	ug/l	89
16) Acetone	3.948	43	23242	106.299	ug/l	92
20) Methylene Chloride	4.710	84	9567	2.212	ug/l	95
25) 2-Butanone	6.984	43	5382	17.272	ug/l #	84
31) Cyclohexane	7.783	56	4214	2.297	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	8302	4.040	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10635	5.163	ug/l #	17
39) Methylcyclohexane	9.185	83	18652	7.552	ug/l	97
40) Benzene	8.155	78	40451	6.628	ug/l	99
48) Methyl methacrylate	9.258	41	4587	6.947	ug/l #	31
51) 4-Methyl-2-Pentanone	10.075	43	2411	3.033	ug/l	93
52) Toluene	10.246	92	124503	32.358	ug/l	100
55) 1,1,2-Trichloroethane	10.618	97	16162	13.698	ug/l #	20
56) Ethyl methacrylate	10.520	69	4254	5.319	ug/l #	38
59) 2-Hexanone	10.861	43	776	1.421	ug/l	86
67) Ethyl Benzene	11.593	91	194867	27.380	ug/l	98
68) m/p-Xylenes	11.697	106	212568	76.009	ug/l	100
69) o-Xylene	12.032	106	111283	42.892	ug/l	100
70) Styrene	12.032	104	6642	1.542	ug/l #	1
73) Isopropylbenzene	12.331	105	82369	19.458	ug/l	99
74) N-amyl acetate	12.123	43	2790	3.737	ug/l #	48
76) 1,2,3-Trichloropropane	12.733	75	2211	4.084	ug/l #	100
78) n-propylbenzene	12.672	91	121955	24.010	ug/l	99
79) 2-Chlorotoluene	12.739	91	33172	11.665	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.812	105	76653	22.602	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	33823	143.555	ug/l #	16
82) 4-Chlorotoluene	12.812	91	8113	2.789	ug/l #	39
83) tert-Butylbenzene	13.123	119	36867	12.380	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.123	105	300263	89.681	ug/l	99
85) sec-Butylbenzene	13.257	105	27996	6.149	ug/l	86
86) p-Isopropyltoluene	13.373	119	24880	6.675	ug/l	98
89) n-Butylbenzene	13.696	91	41772	12.284	ug/l #	73
90) Hexachloroethane	13.971	117	5089	6.810	ug/l #	12

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QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

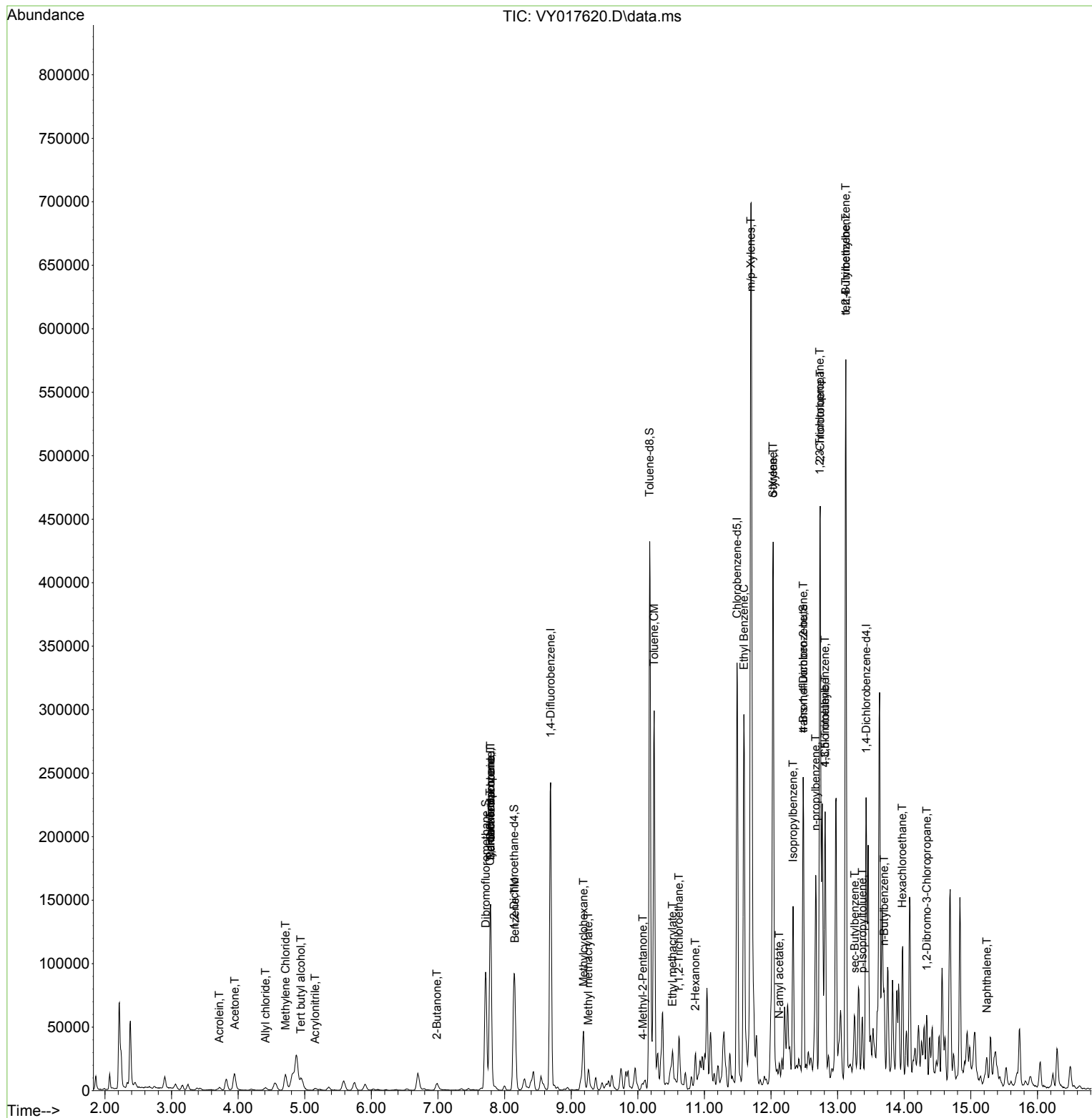
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.336	75	275	2.691	ug/l	# 1
95) Naphthalene	15.239	128	16428	12.414	ug/l	100

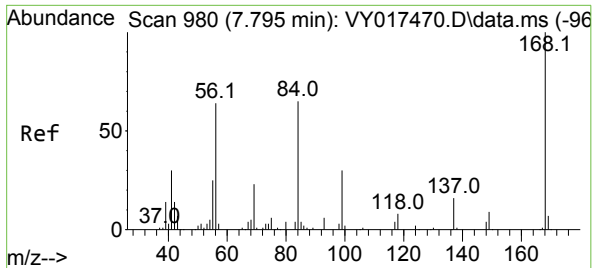
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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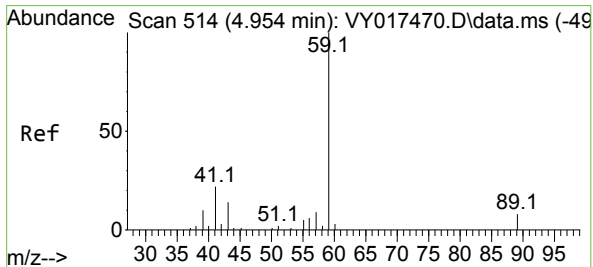
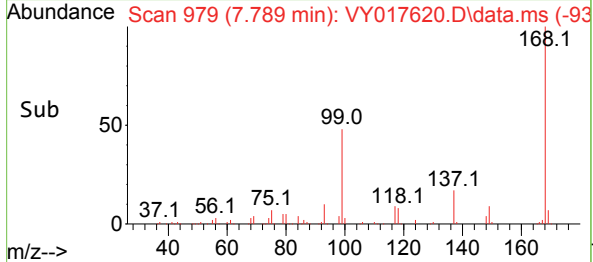
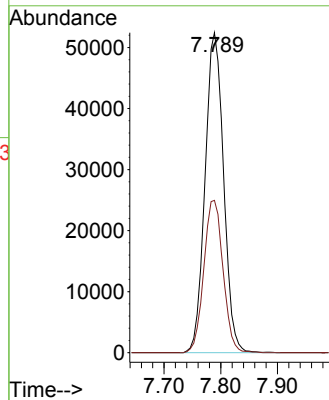
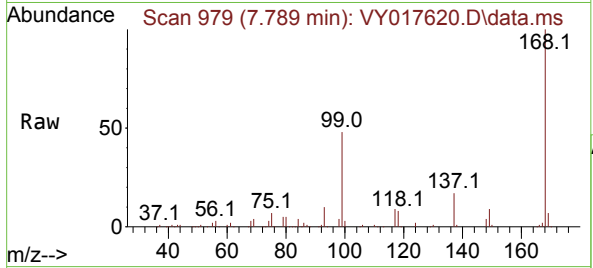




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

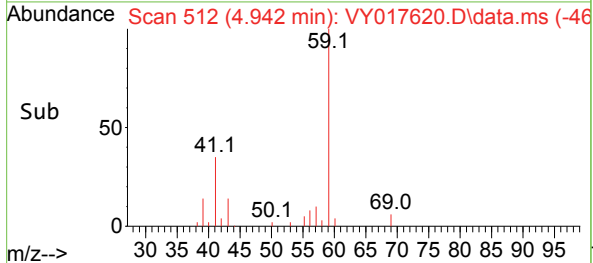
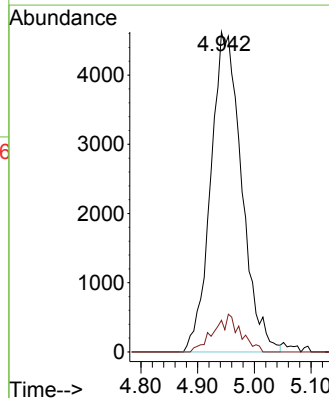
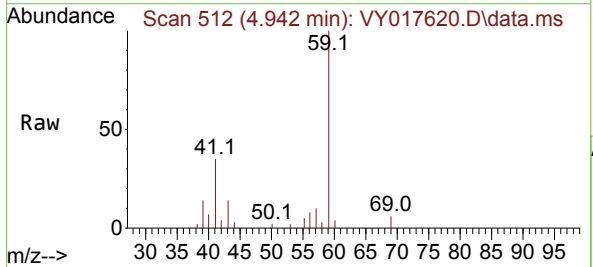
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

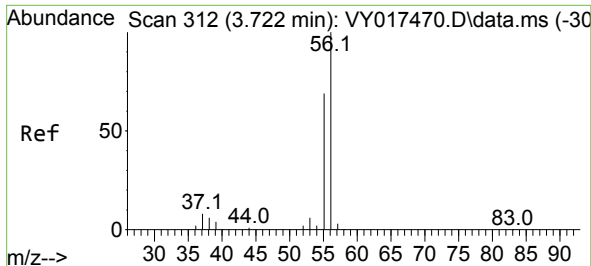
Tgt Ion:168 Resp: 118946
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 182.568 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 59 Resp: 17482
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.6#

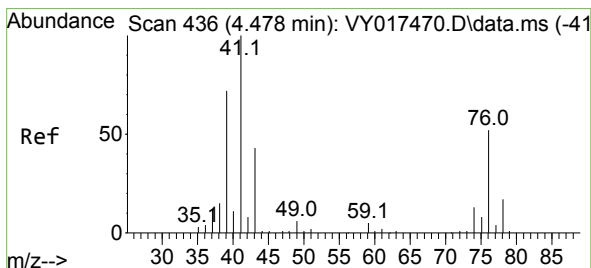
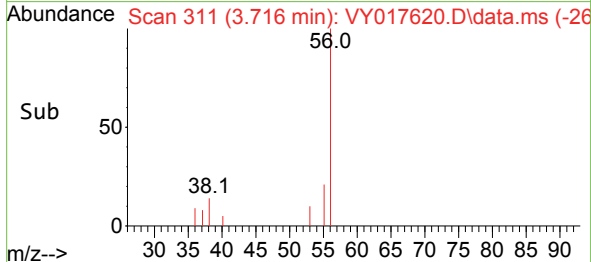
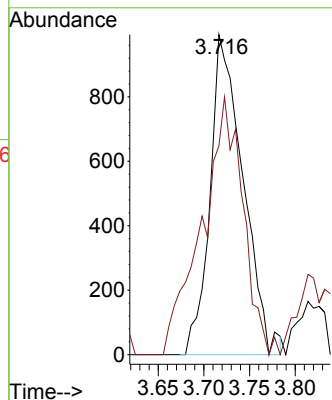
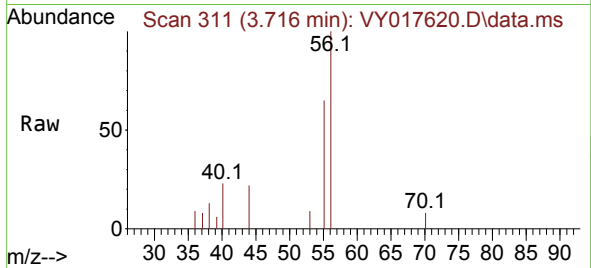




#13
Acrolein
Concen: 19.747 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

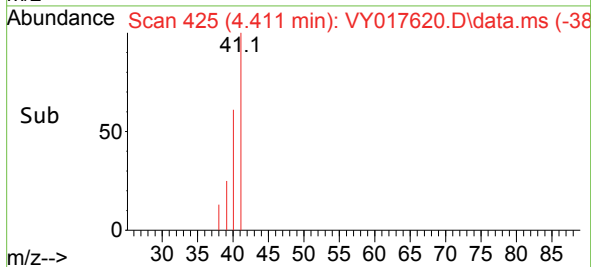
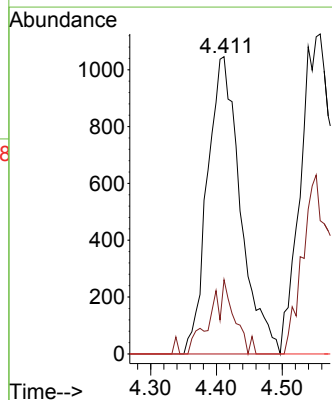
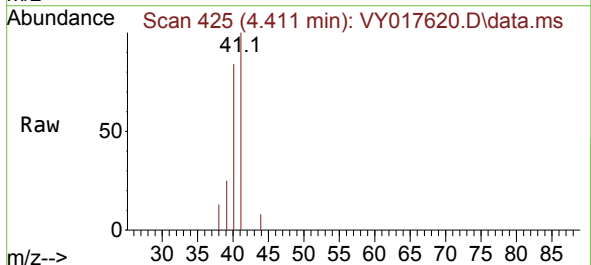
Instrument :
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ClientSampleId :
AUD-1333

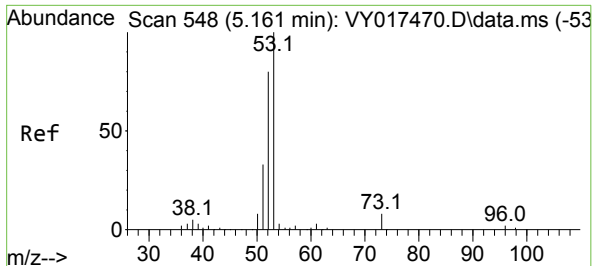
Tgt Ion: 56 Resp: 2495
Ion Ratio Lower Upper
56 100
55 98.8 55.7 83.5#



#14
Allyl chloride
Concen: 2.691 ug/l
RT: 4.411 min Scan# 425
Delta R.T. -0.067 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 41 Resp: 3654
Ion Ratio Lower Upper
41 100
39 8.8 58.3 87.5#
76 0.0 39.0 58.6#

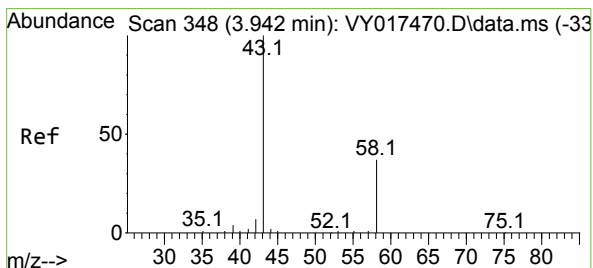
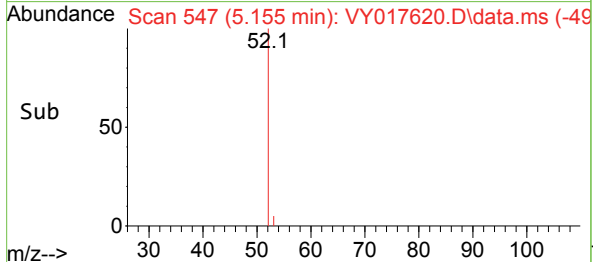
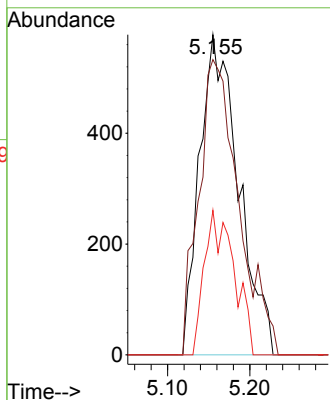
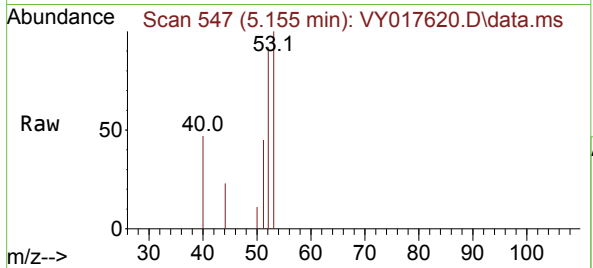




#15
Acrylonitrile
Concen: 7.538 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

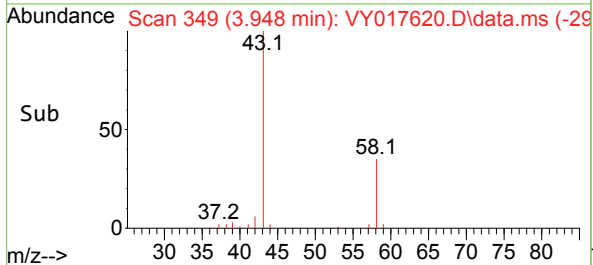
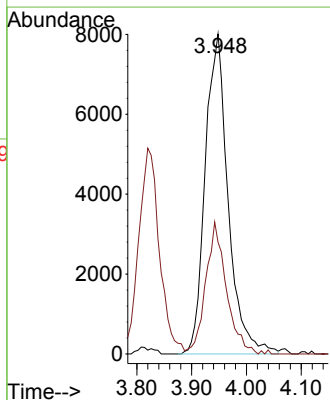
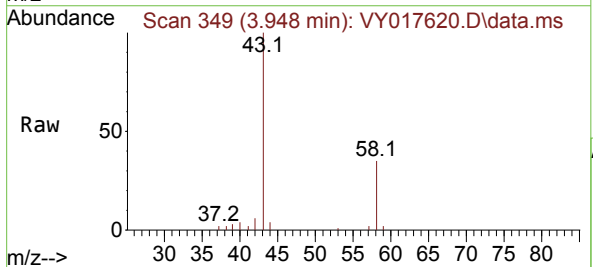
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

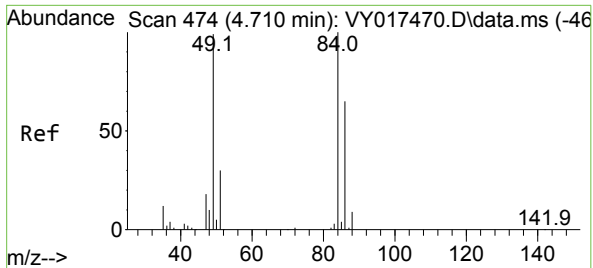
Tgt Ion: 53	Resp:	1905
Ion	Ratio	Lower Upper
53	100	
52	94.5	64.7 97.1
51	34.4	28.4 42.6



#16
Acetone
Concen: 106.299 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 43	Resp:	23242
Ion	Ratio	Lower Upper
43	100	
58	34.9	31.7 47.5

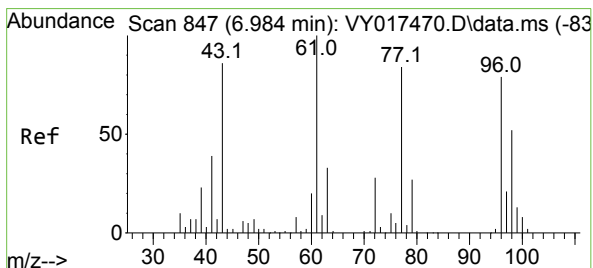
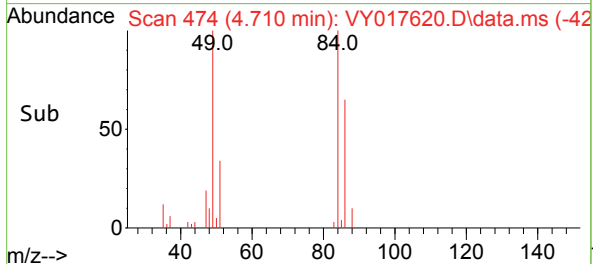
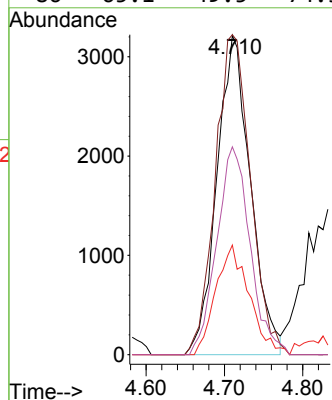
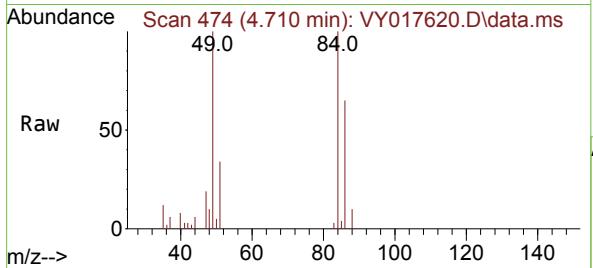




#20
Methylene Chloride
Concen: 2.212 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

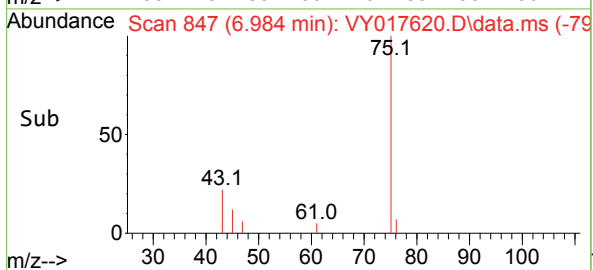
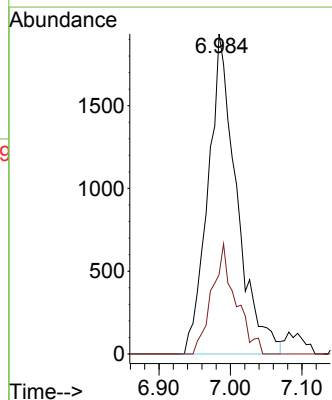
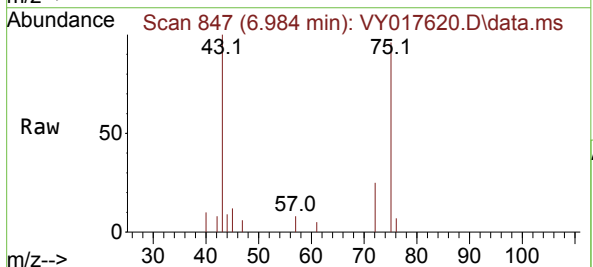
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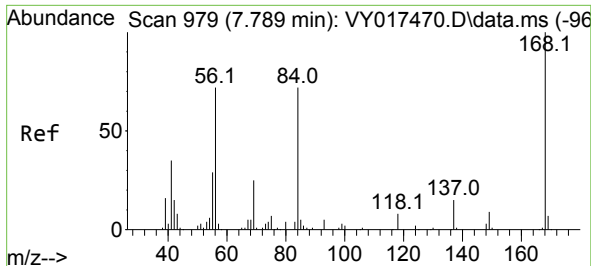
Tgt Ion:	84	Resp:	9567
Ion	Ratio	Lower	Upper
84	100		
49	100.2	84.4	126.6
51	34.3	26.0	39.0
86	65.1	49.5	74.3



#25
2-Butanone
Concen: 17.272 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion:	43	Resp:	5382
Ion	Ratio	Lower	Upper
43	100		
72	24.8	27.3	40.9#

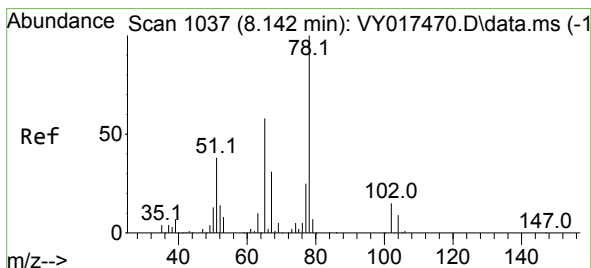
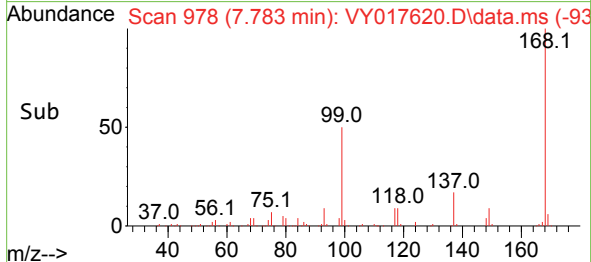
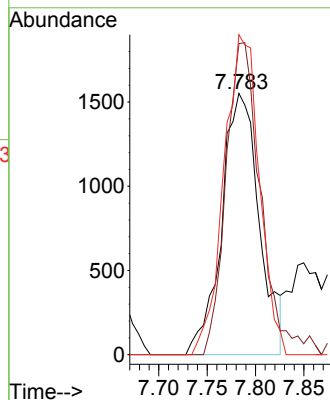
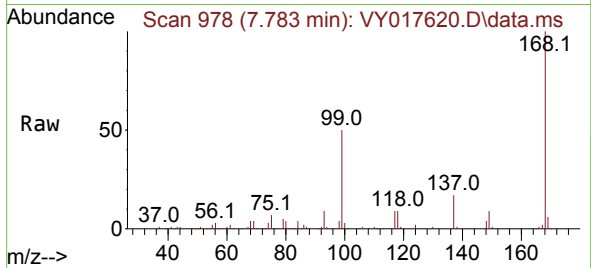




#31
Cyclohexane
Concen: 2.297 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

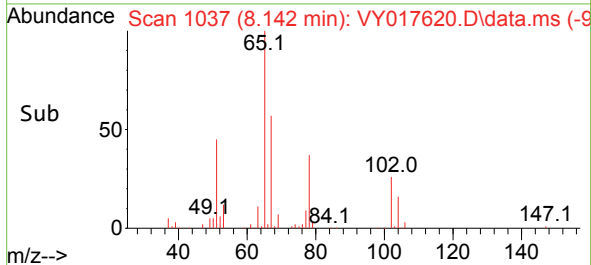
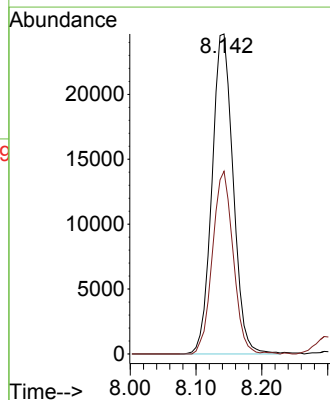
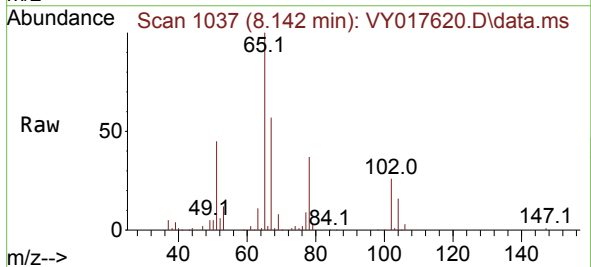
Instrument :
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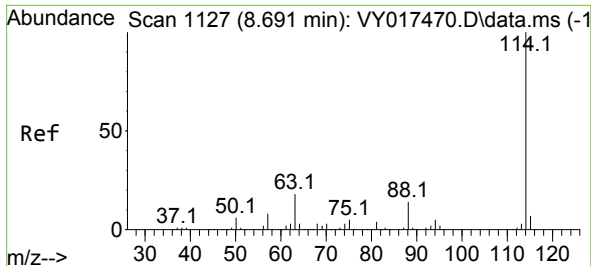
Tgt Ion: 56 Resp: 4214
Ion Ratio Lower Upper
56 100
69 119.1 28.7 43.1#
84 122.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.055 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 65 Resp: 55299
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6

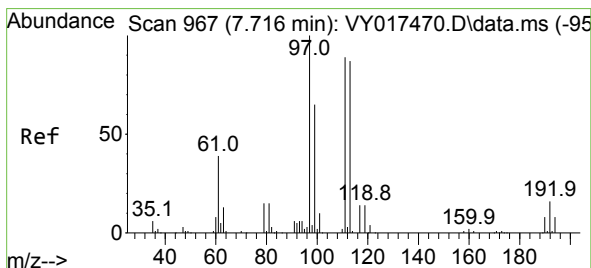
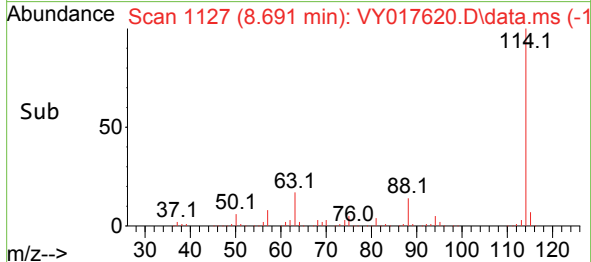
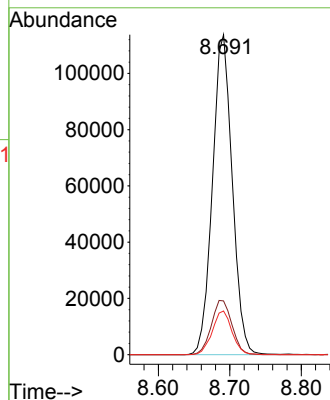
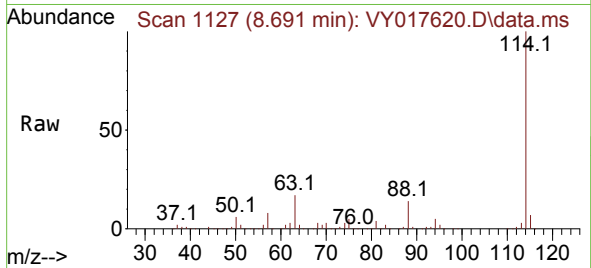




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

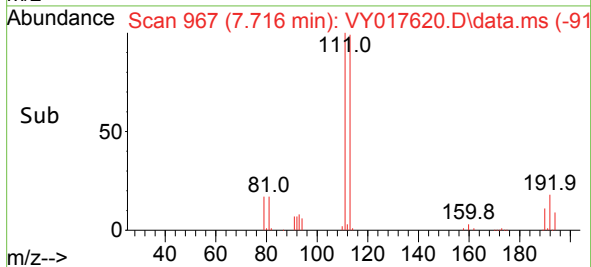
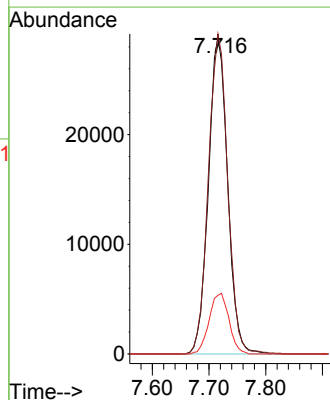
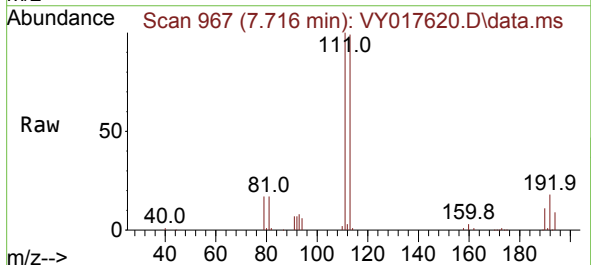
Instrument :
MSVOA_Y
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AUD-1333

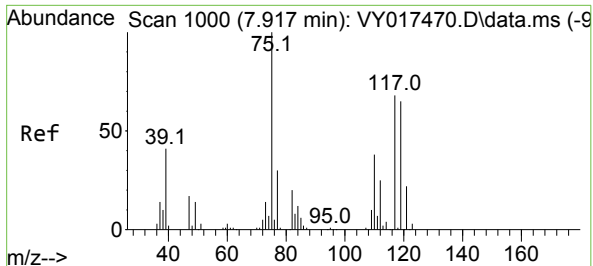
Tgt Ion:114 Resp: 218597
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 44.675 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion:113 Resp: 68051
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.7 15.9 23.9

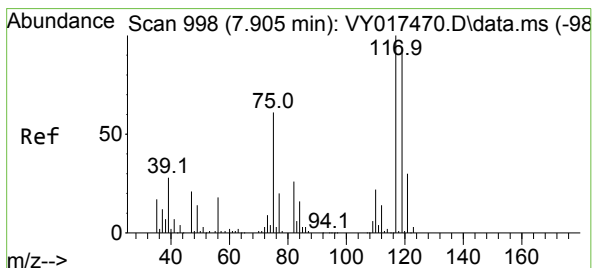
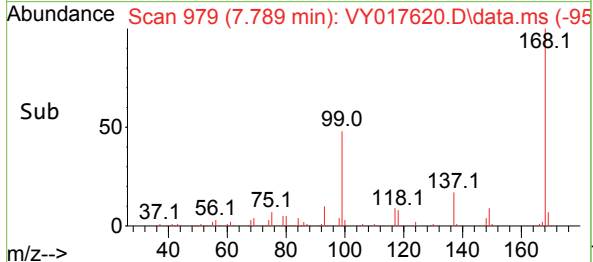
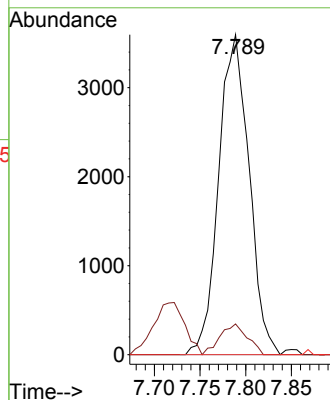
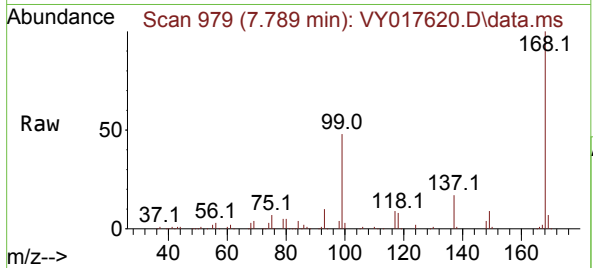




#36
1,1-Dichloropropene
Concen: 4.040 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

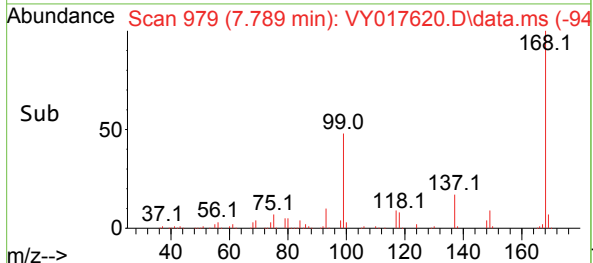
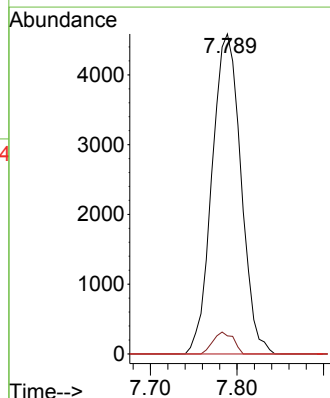
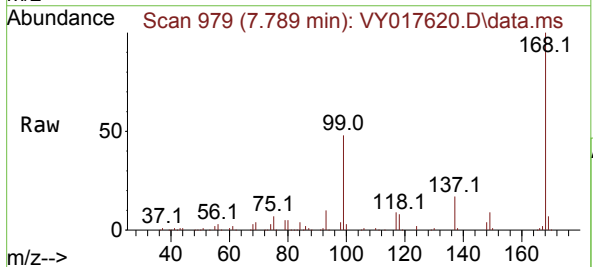
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

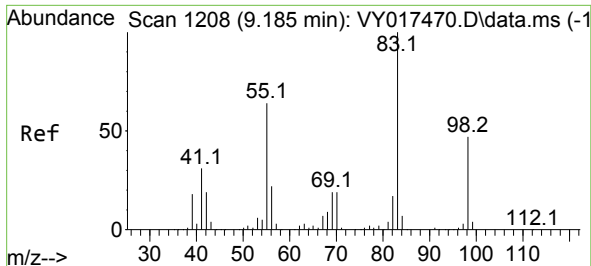
Tgt Ion: 75 Resp: 8302
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.163 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 117 Resp: 10635
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 7.552 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

AUD-1333

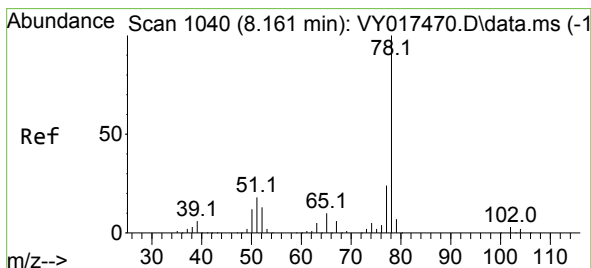
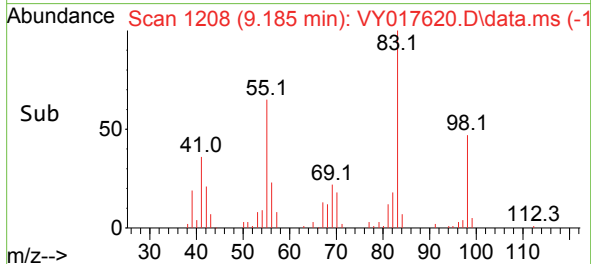
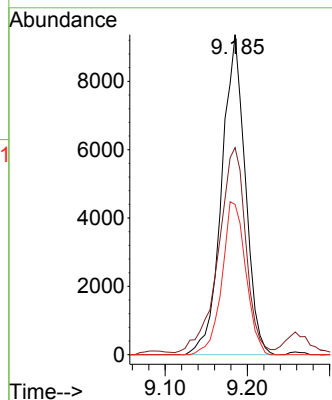
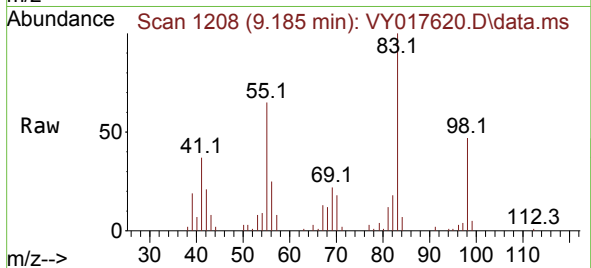
Tgt Ion: 83 Resp: 18652

Ion Ratio Lower Upper

83 100

55 63.5 51.5 77.3

98 46.9 40.5 60.7



#40

Benzene

Concen: 6.628 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017620.D

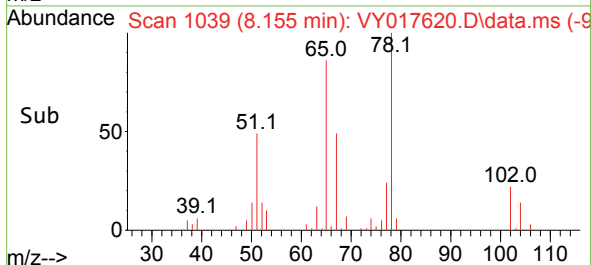
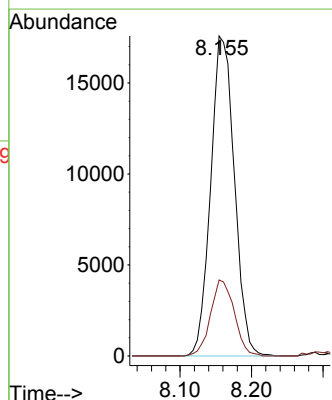
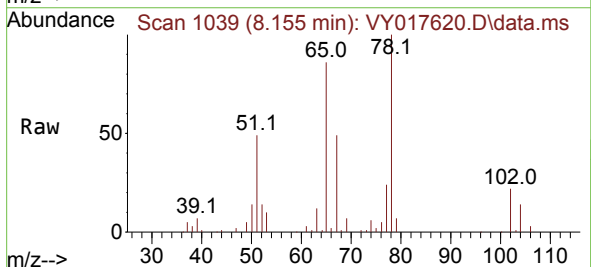
Acq: 08 Mar 2024 12:58

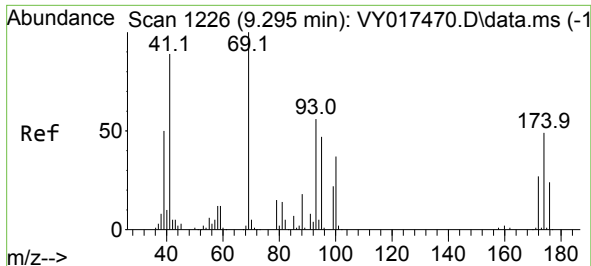
Tgt Ion: 78 Resp: 40451

Ion Ratio Lower Upper

78 100

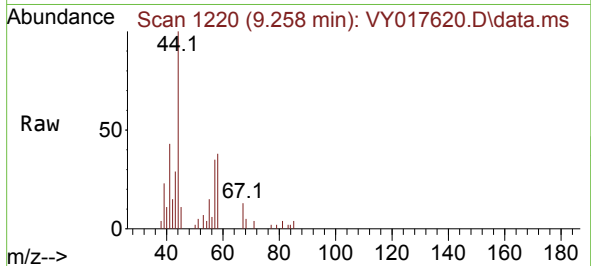
77 23.7 19.5 29.3



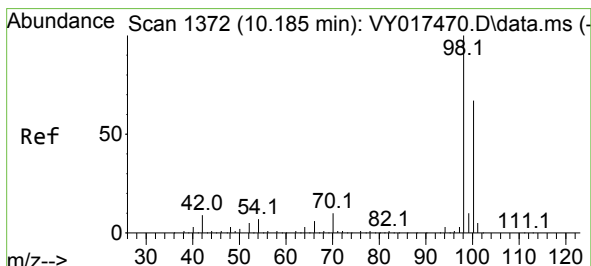
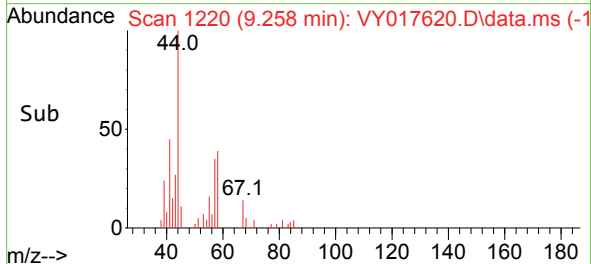
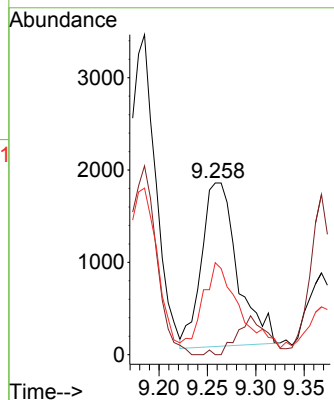


#48
Methyl methacrylate
Concen: 6.947 ug/l
RT: 9.258 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

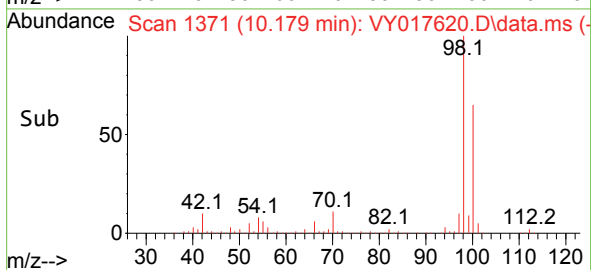
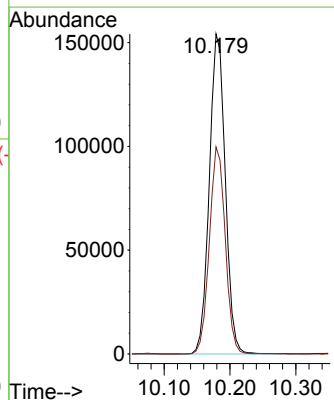
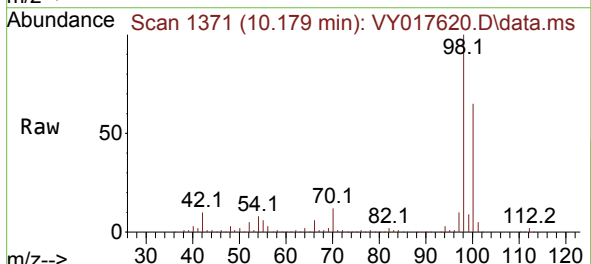


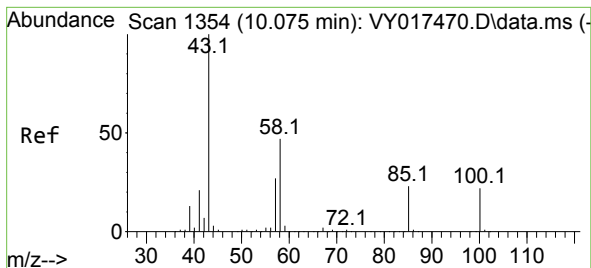
Tgt Ion: 41 Resp: 4587
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 50.5 43.6 65.4



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 98 Resp: 260435
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

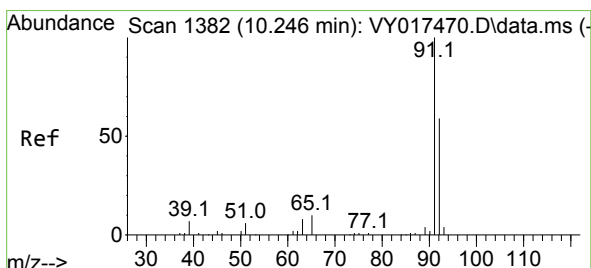
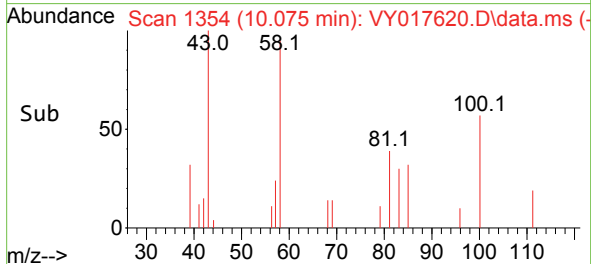
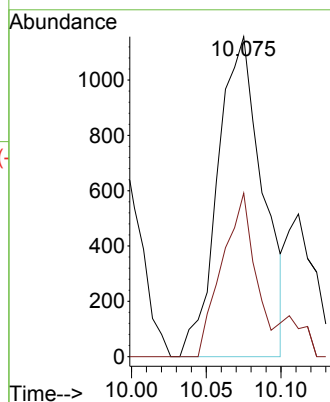
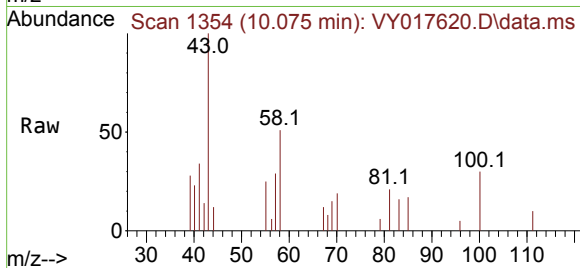




#51
4-Methyl-2-Pentanone
Concen: 3.033 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

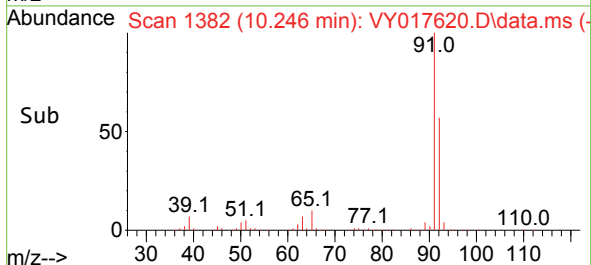
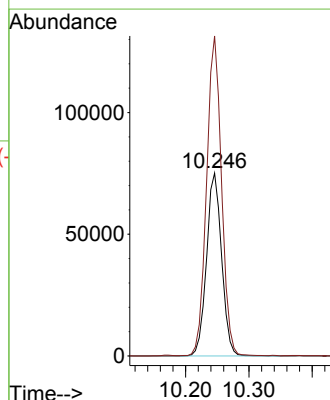
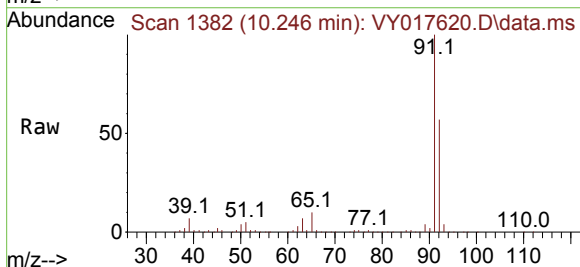
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

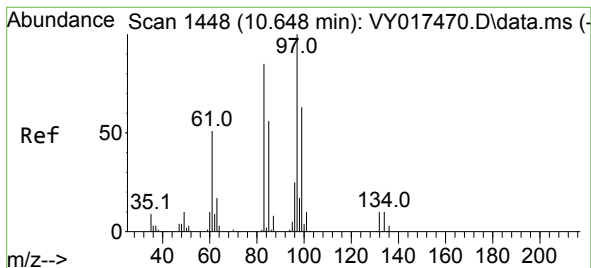
Tgt Ion: 43 Resp: 2411
Ion Ratio Lower Upper
43 100
58 39.9 35.7 53.5



#52
Toluene
Concen: 32.358 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 92 Resp: 124503
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.6





#55

1,1,2-Trichloroethane

Concen: 13.698 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.030 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

AUD-1333

Tgt Ion: 97 Resp: 16162

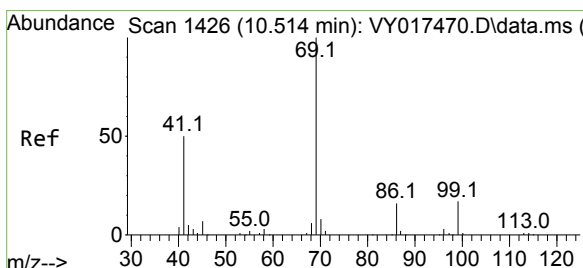
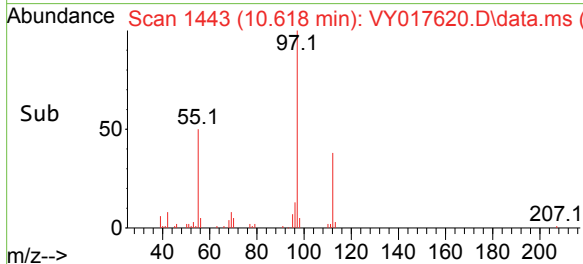
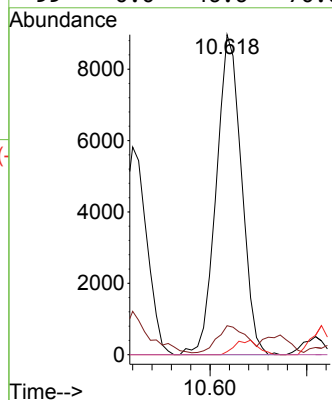
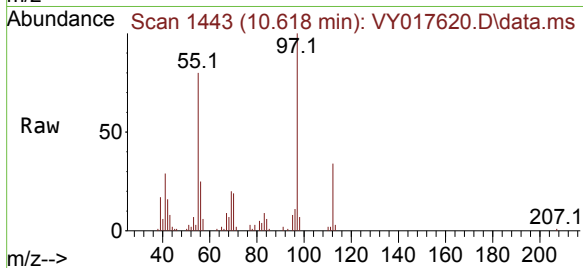
Ion Ratio Lower Upper

97 100

83 7.8 67.5 101.3#

85 0.9 42.9 64.3#

99 0.0 46.6 70.0#



#56

Ethyl methacrylate

Concen: 5.319 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

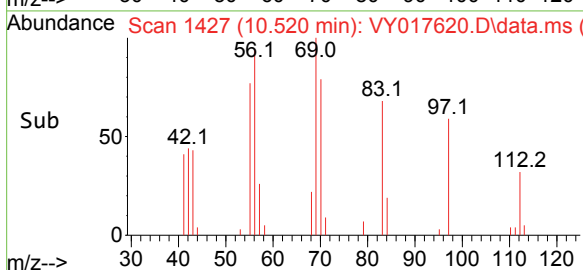
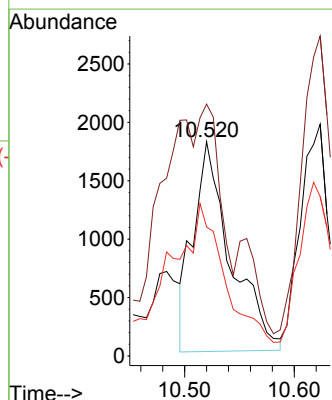
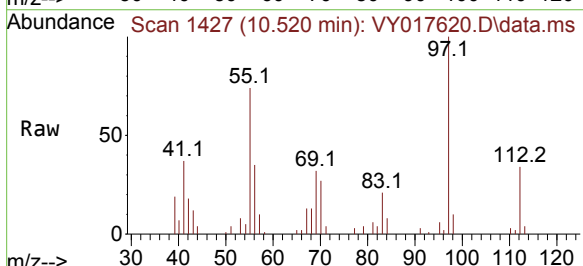
Tgt Ion: 69 Resp: 4254

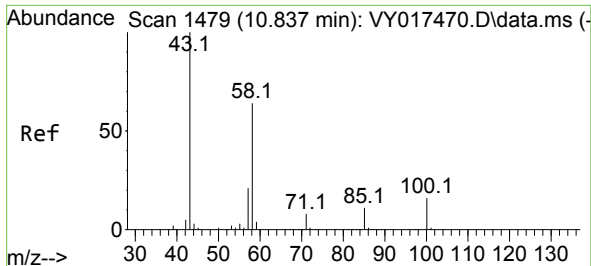
Ion Ratio Lower Upper

69 100

41 75.6 42.3 63.5#

39 90.3 22.9 34.3#

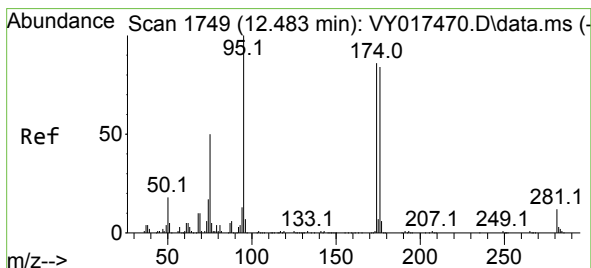
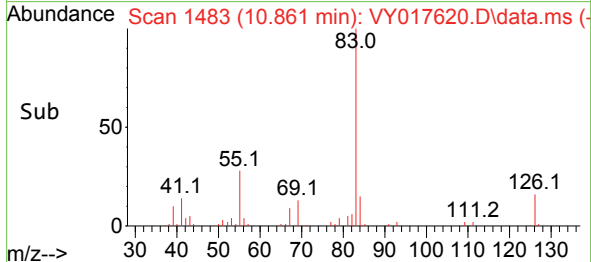
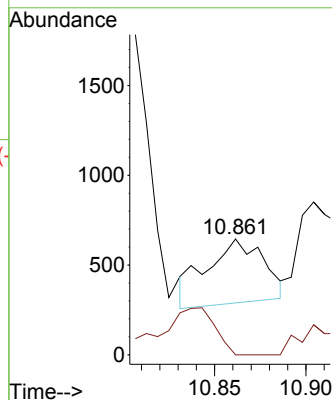
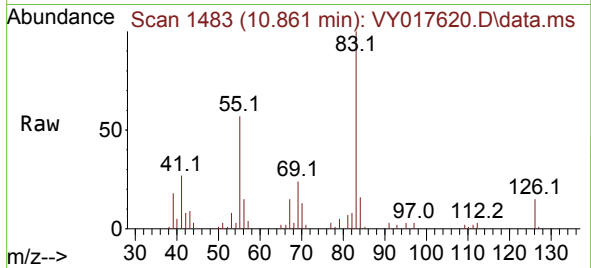




#59
2-Hexanone
Concen: 1.421 ug/l
RT: 10.861 min Scan# 1479
Delta R.T. 0.024 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

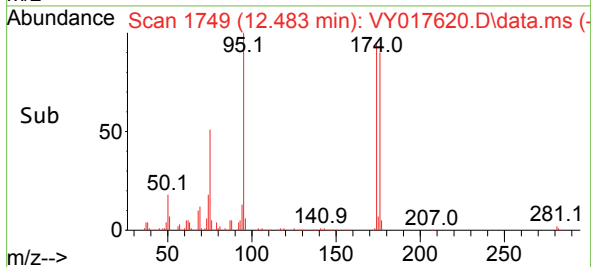
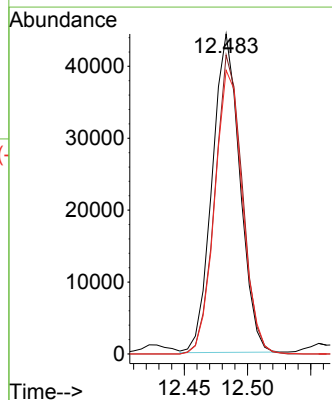
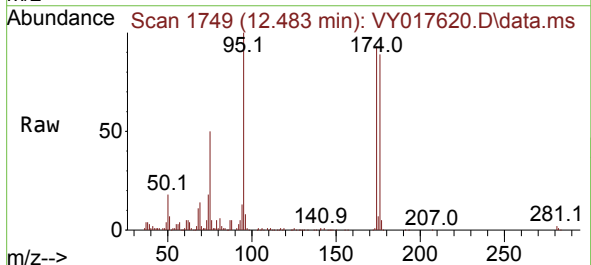
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

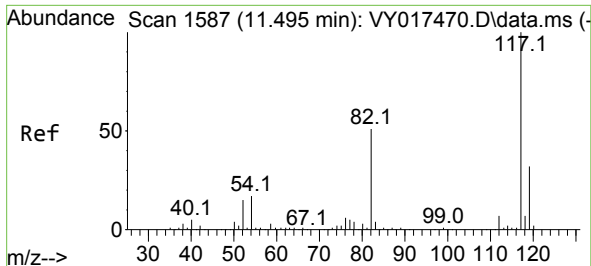
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 73.6 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 40.318 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 95 Resp: 67483
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 89.7 0.0 171.4

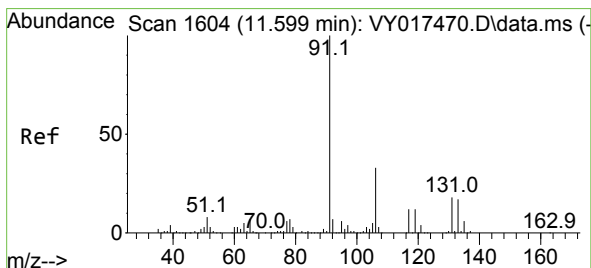
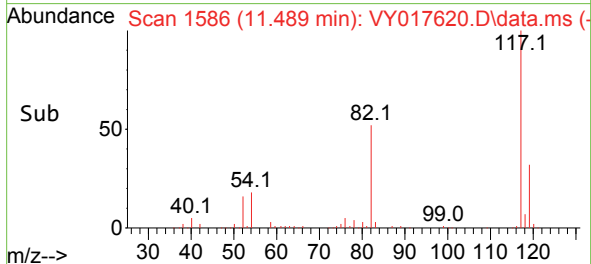
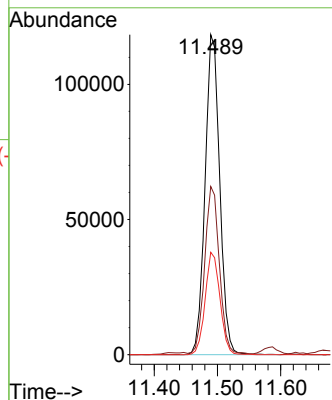
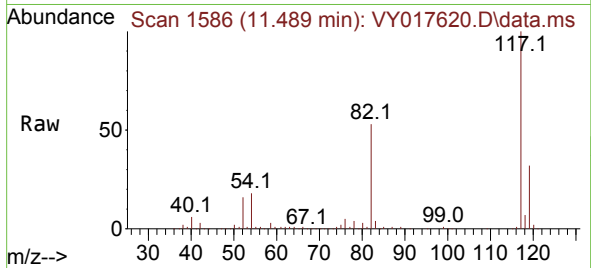




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

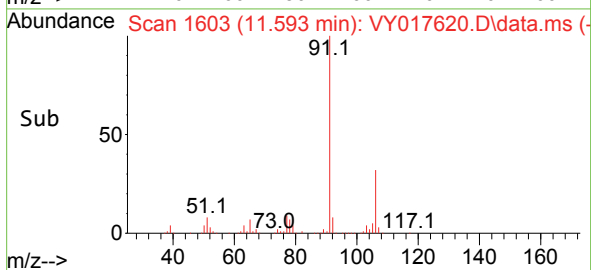
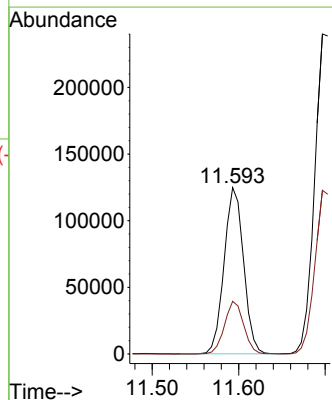
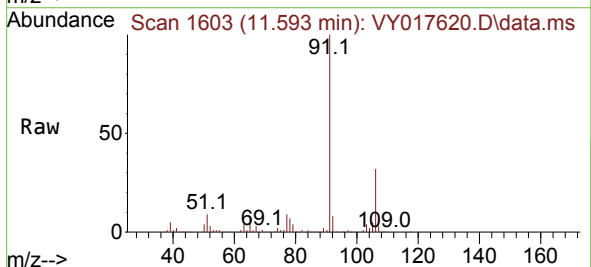
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

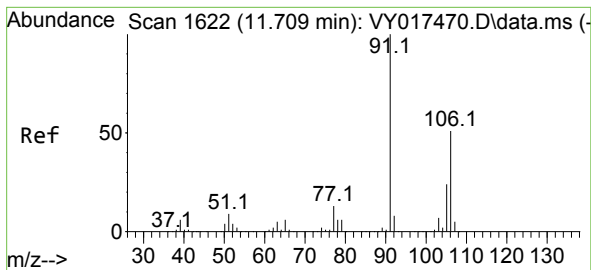
Tgt Ion:117 Resp: 191194
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.0 25.9 38.9



#67
Ethyl Benzene
Concen: 27.380 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 91 Resp: 194867
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

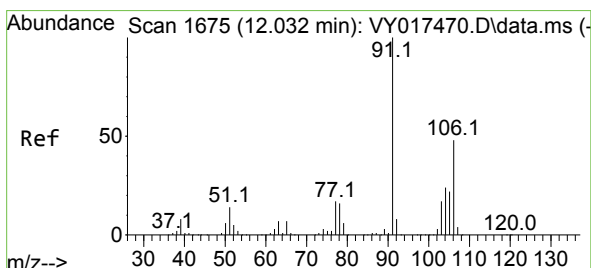
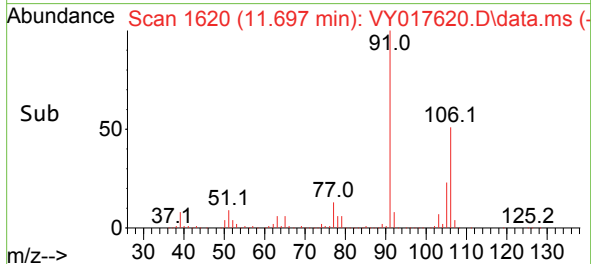
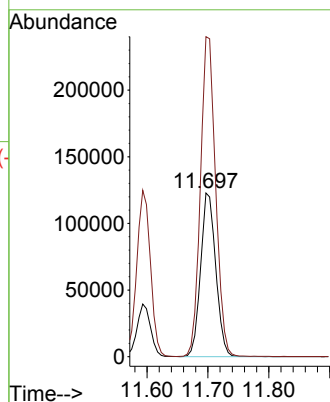
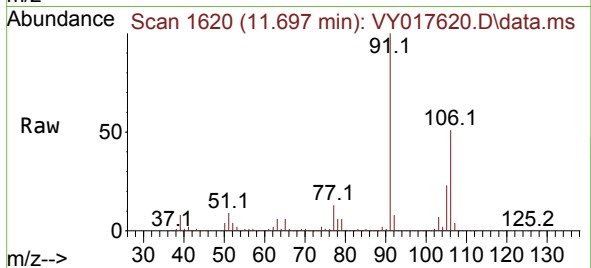




#68
m/p-Xylenes
Concen: 76.009 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

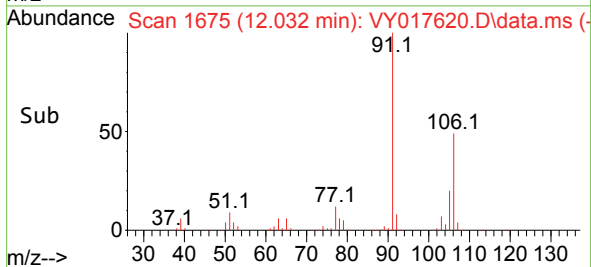
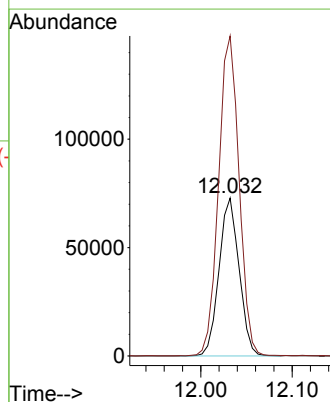
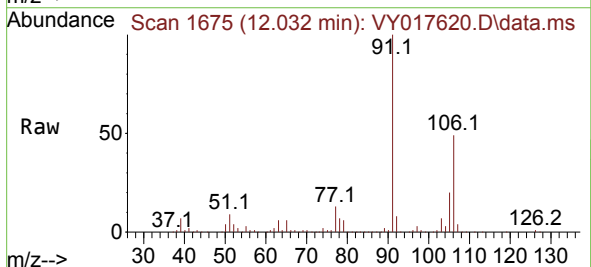
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

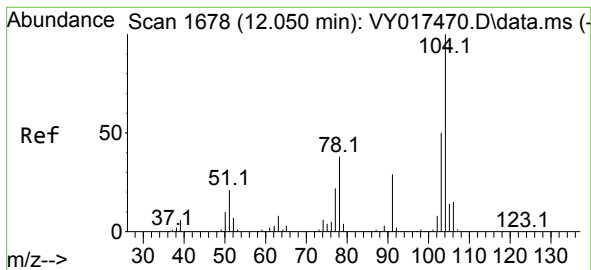
Tgt Ion:106 Resp: 212568
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0



#69
o-Xylene
Concen: 42.892 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion:106 Resp: 111283
Ion Ratio Lower Upper
106 100
91 207.0 103.6 310.8





#70

Styrene

Concen: 1.542 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

AUD-1333

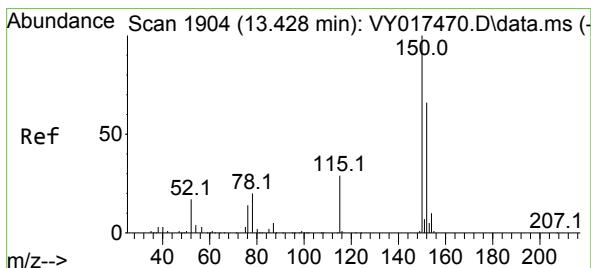
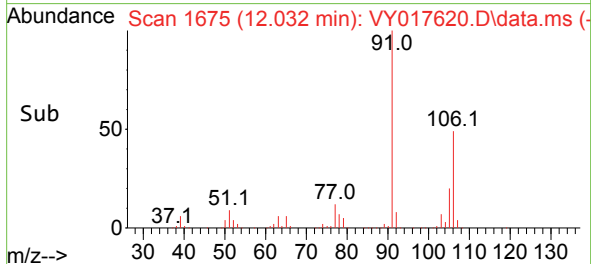
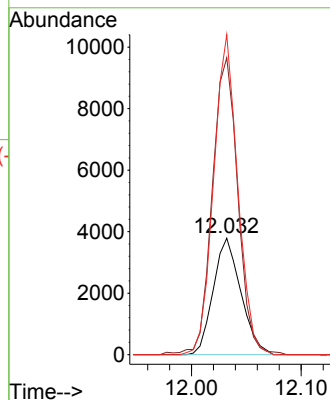
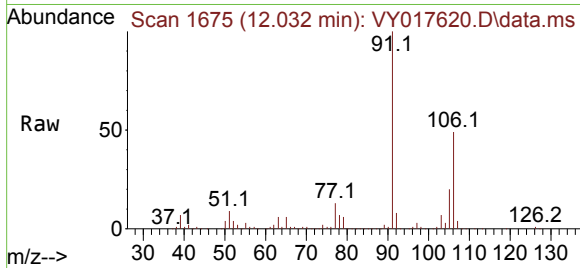
Tgt Ion:104 Resp: 6642

Ion Ratio Lower Upper

104 100

78 235.5 37.0 55.4#

103 240.0 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

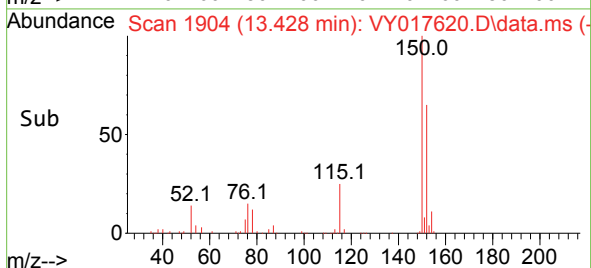
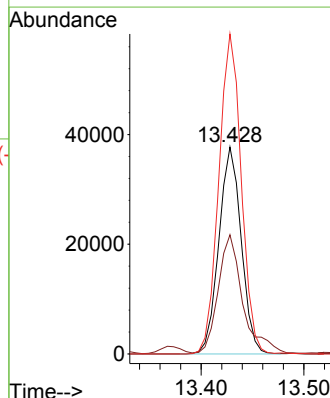
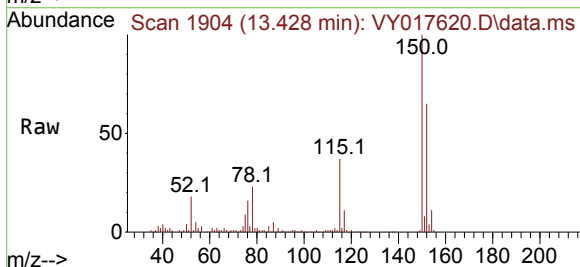
Tgt Ion:152 Resp: 56978

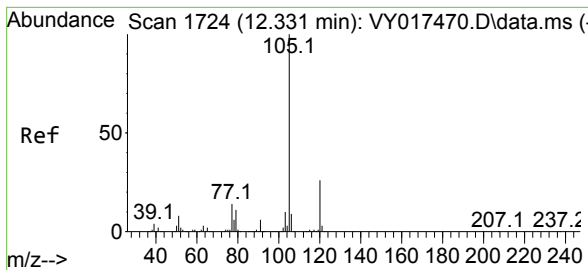
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 155.3 0.0 345.6

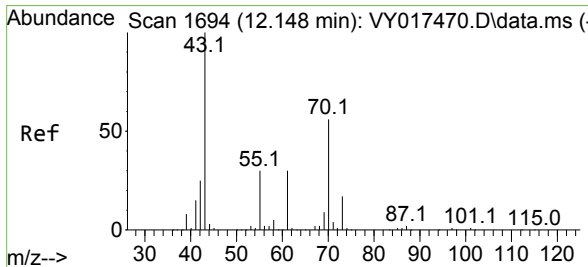
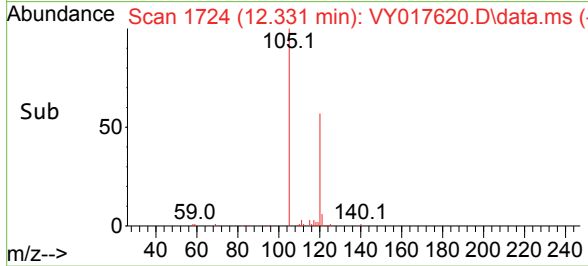
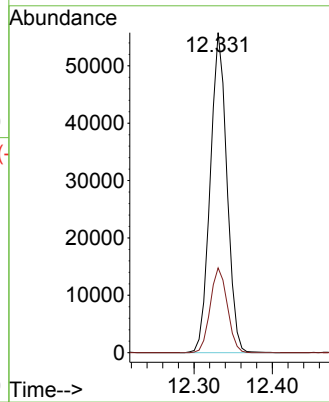
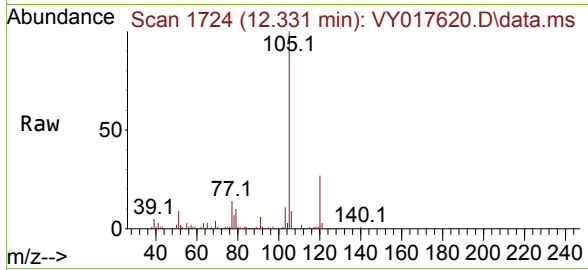




#73
Isopropylbenzene
Concen: 19.458 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

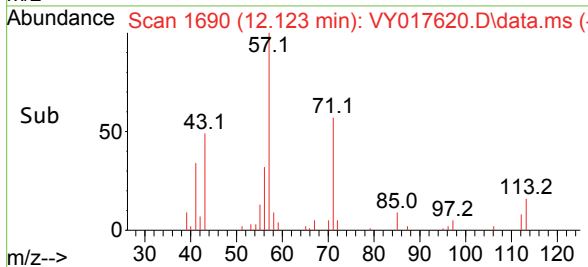
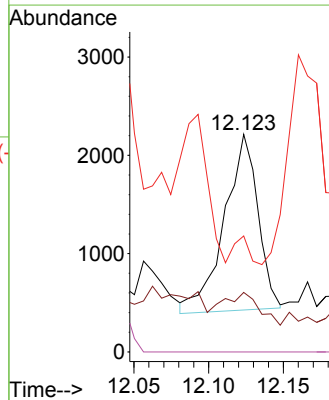
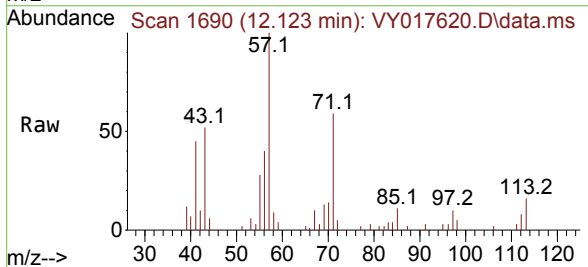
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

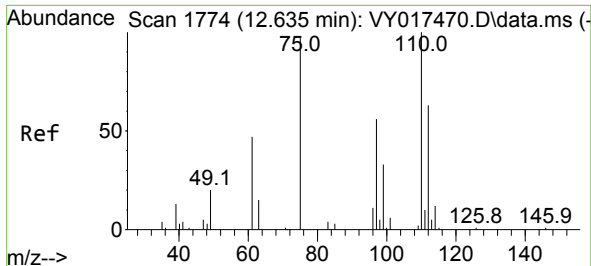
Tgt Ion:105 Resp: 82369
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 3.737 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
70 17.6 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#

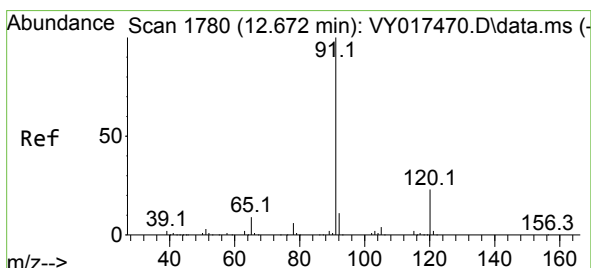
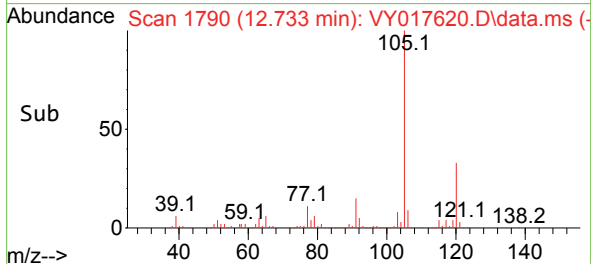
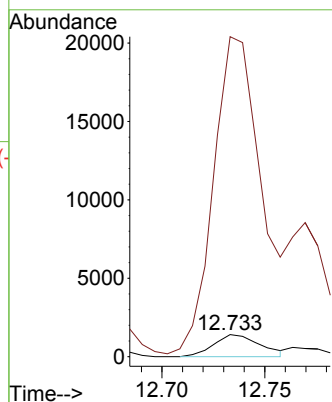
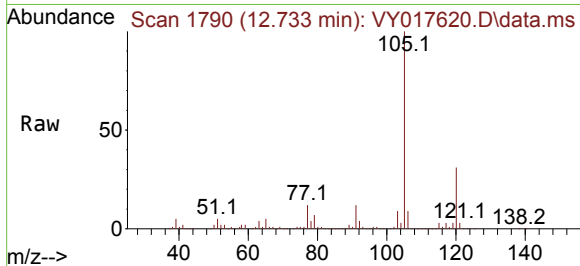




#76
1,2,3-Trichloropropane
Concen: 4.084 ug/l
RT: 12.733 min Scan# 1774
Delta R.T. 0.098 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

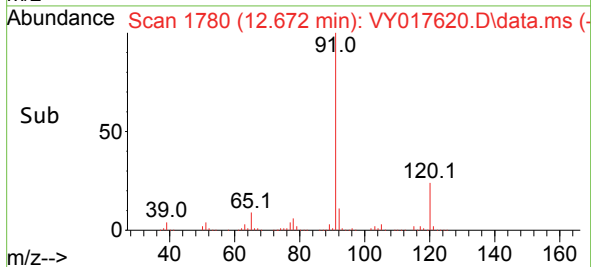
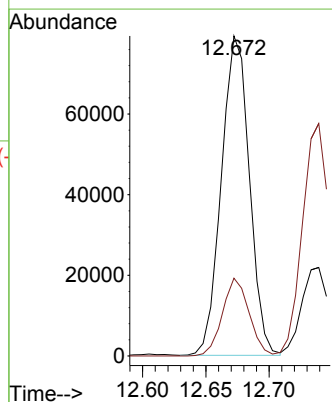
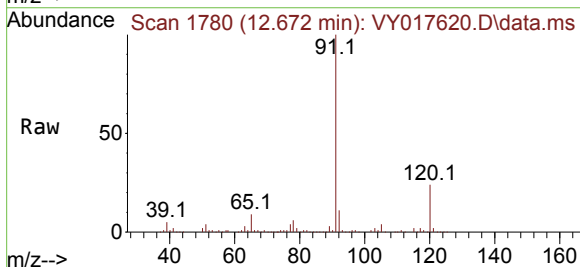
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

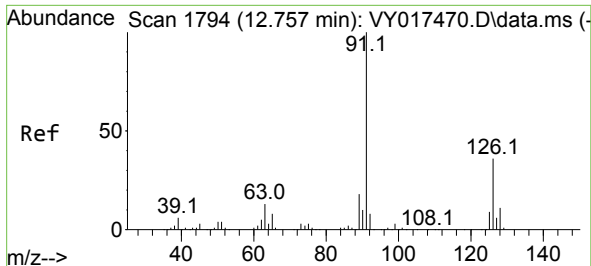
Tgt Ion: 75 Resp: 2211
Ion Ratio Lower Upper
75 100
77 1479.3 0.0 0.0#



#78
n-propylbenzene
Concen: 24.010 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 91 Resp: 121955
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

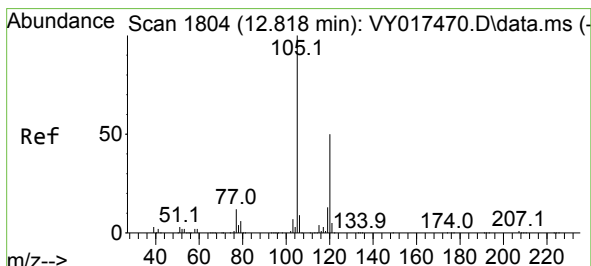
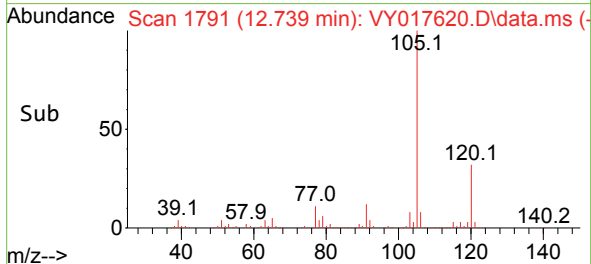
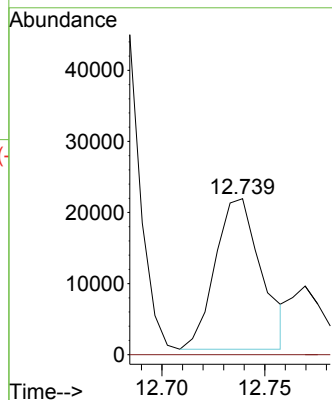
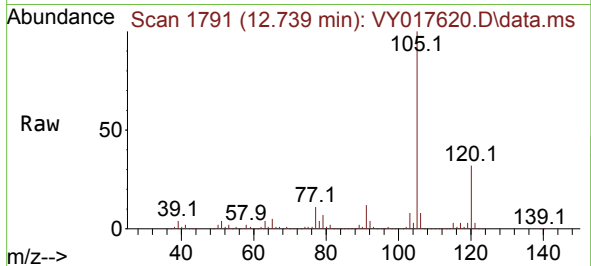




#79
2-Chlorotoluene
Concen: 11.665 ug/l
RT: 12.739 min Scan# 1791
Delta R.T. -0.018 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

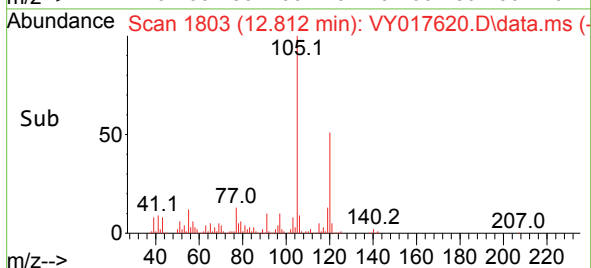
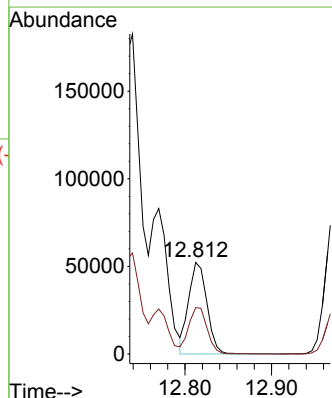
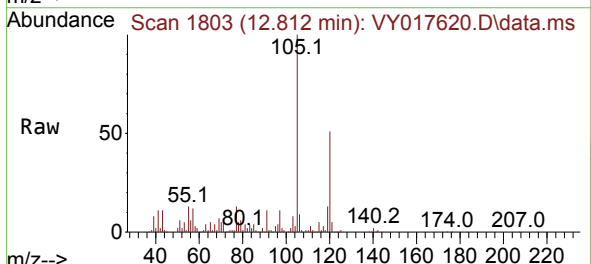
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

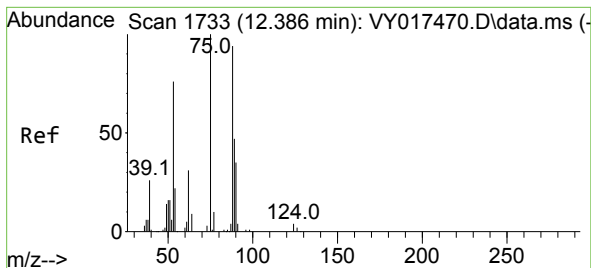
Tgt Ion: 91 Resp: 33172
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 22.602 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 105 Resp: 76653
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.2

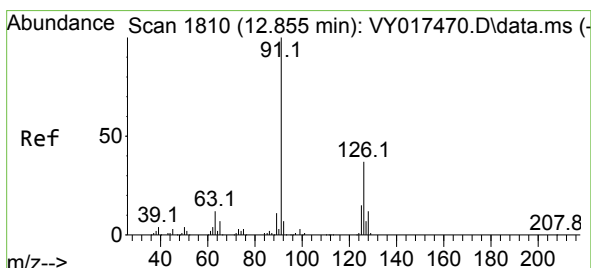
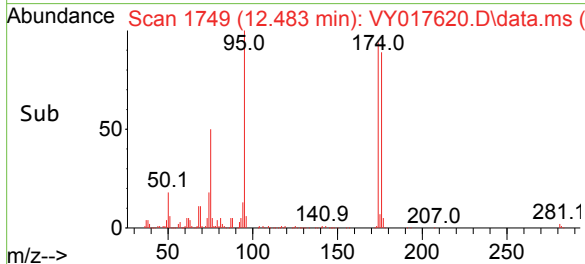
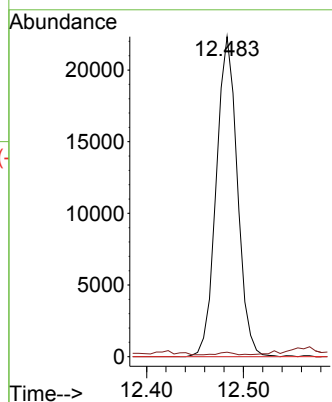
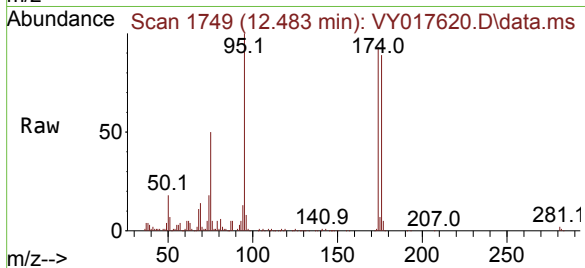




#81
trans-1,4-Dichloro-2-butene
Concen: 143.555 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

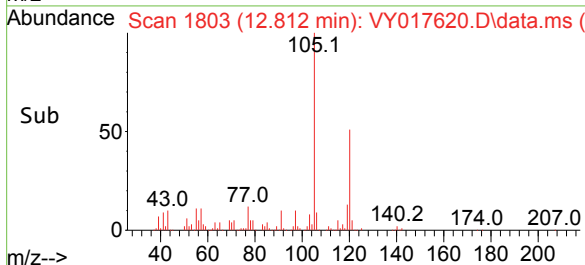
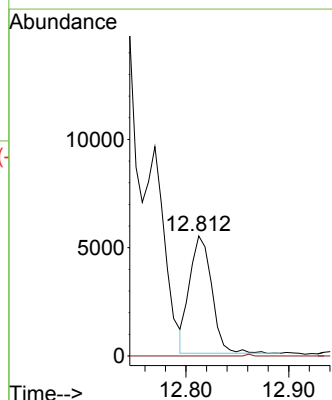
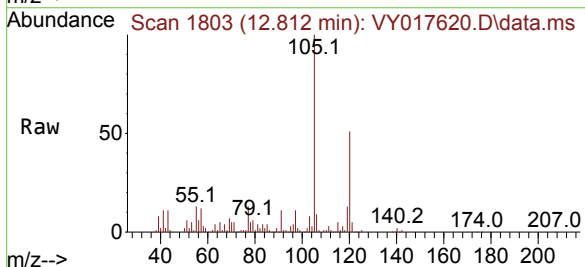
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

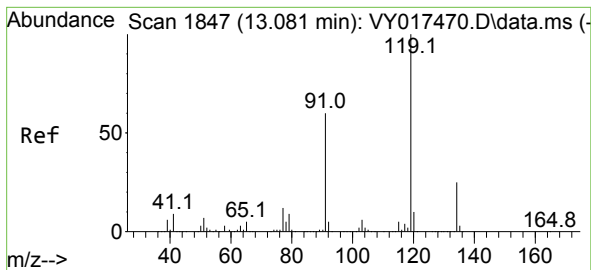
Tgt Ion: 75 Resp: 33823
Ion Ratio Lower Upper
75 100
53 0.6 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.789 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 91 Resp: 8113
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 12.380 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.043 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

AUD-1333

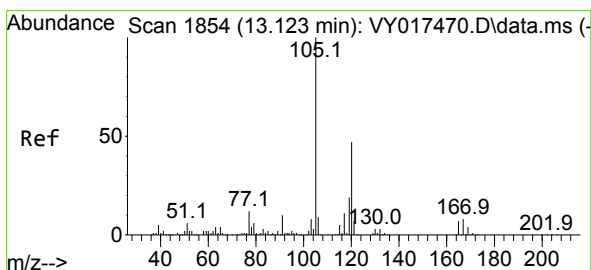
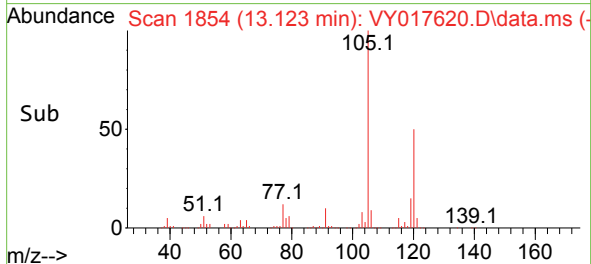
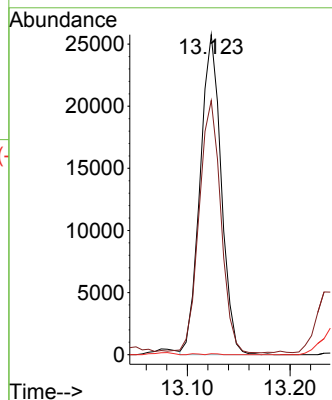
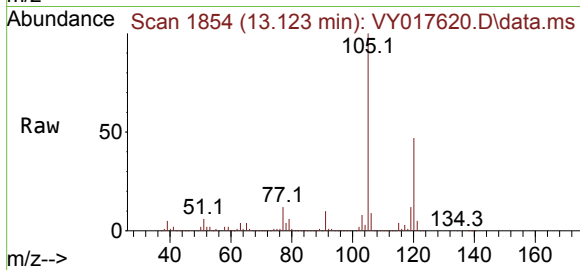
Tgt Ion:119 Resp: 36867

Ion Ratio Lower Upper

119 100

91 81.3 31.3 93.8

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 89.681 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017620.D

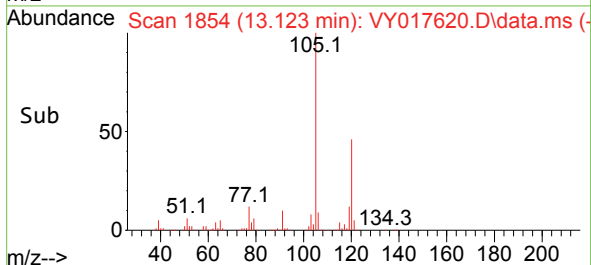
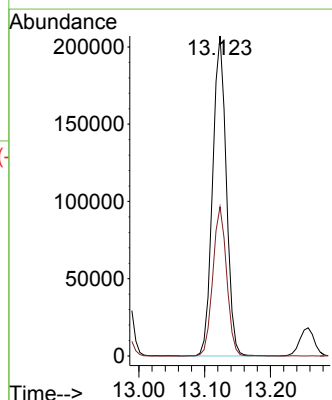
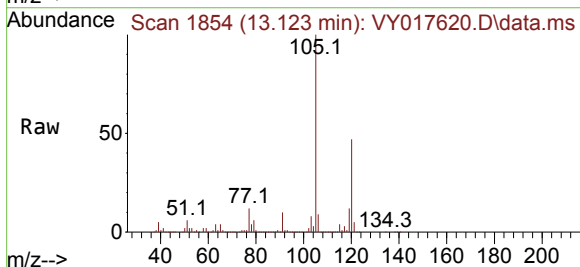
Acq: 08 Mar 2024 12:58

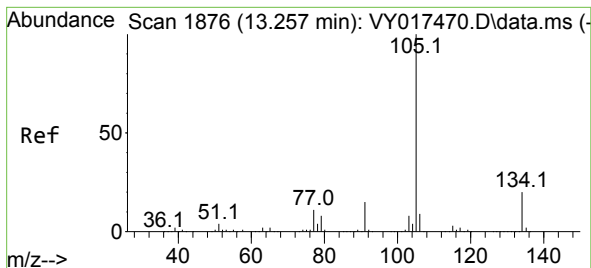
Tgt Ion:105 Resp: 300263

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 6.149 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

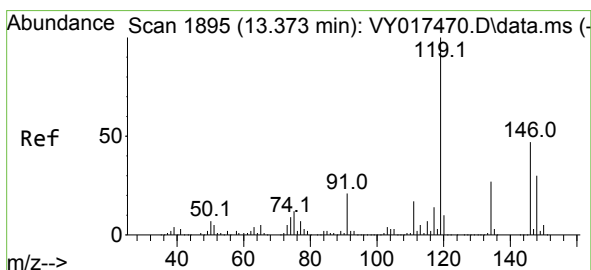
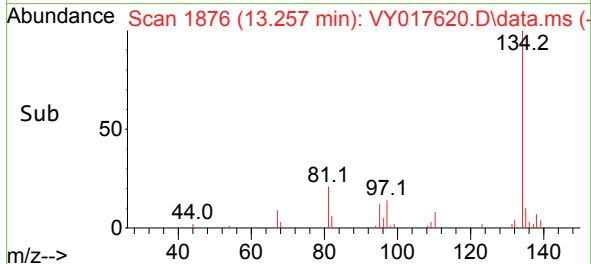
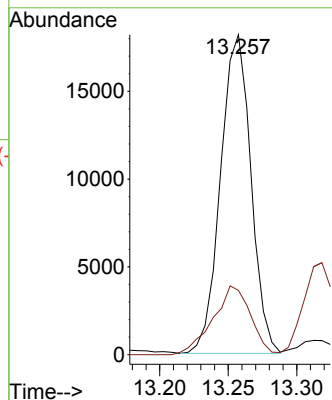
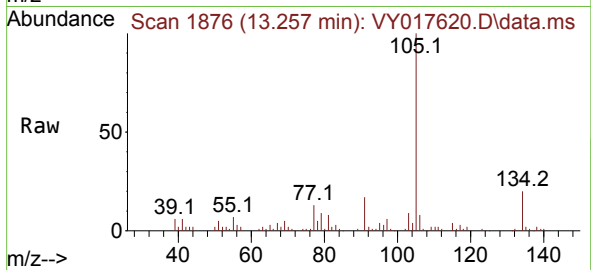
AUD-1333

Tgt Ion:105 Resp: 27996

Ion Ratio Lower Upper

105 100

134 26.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 6.675 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017620.D

Acq: 08 Mar 2024 12:58

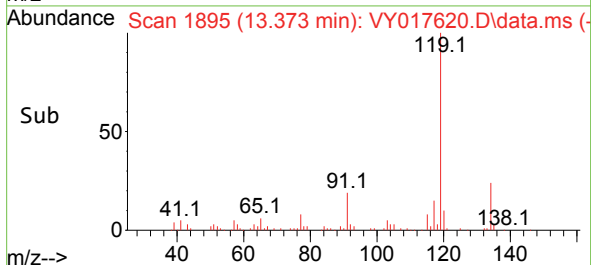
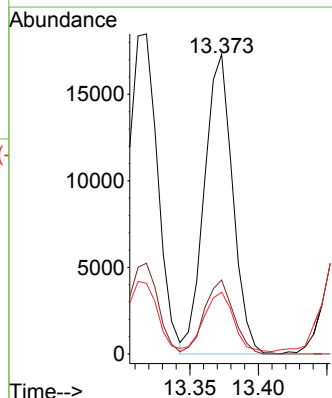
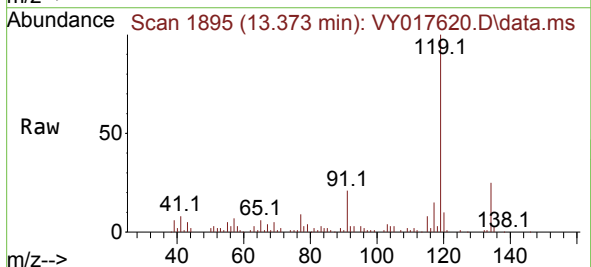
Tgt Ion:119 Resp: 24880

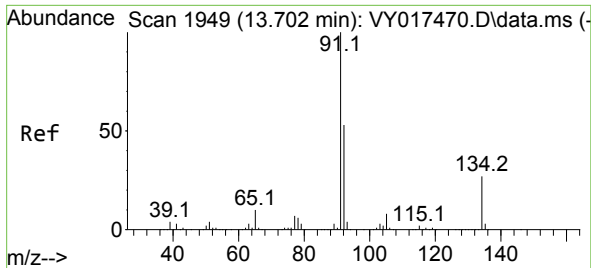
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 20.3 10.7 32.1

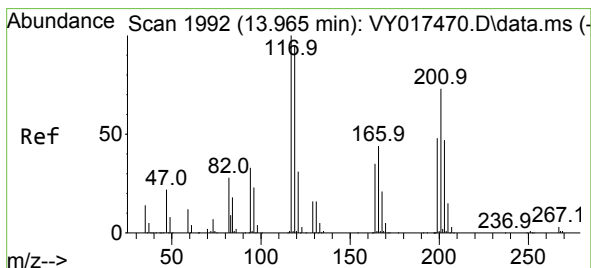
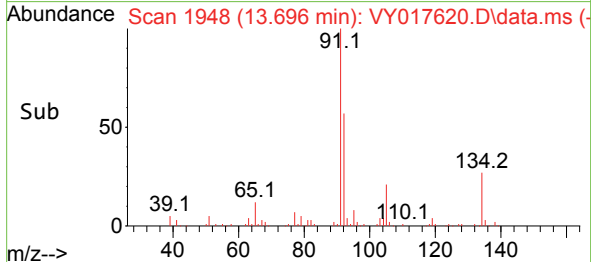
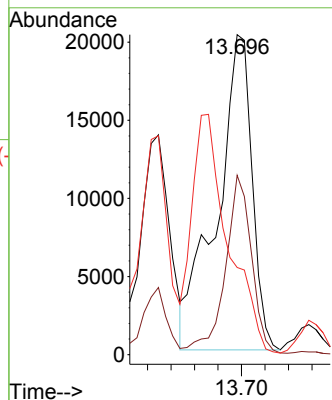
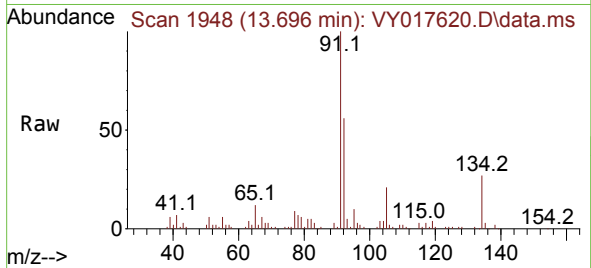




#89
n-Butylbenzene
Concen: 12.284 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

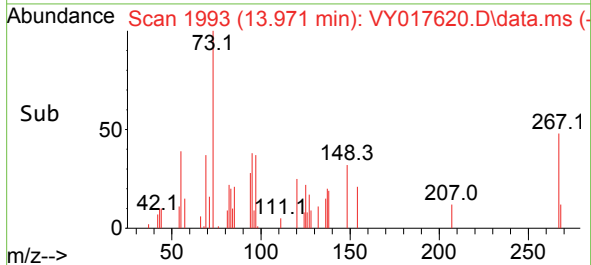
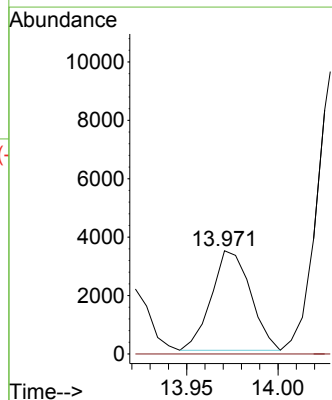
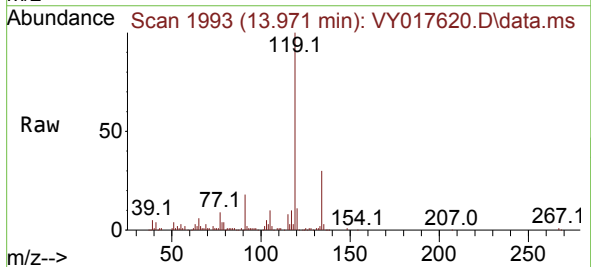
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

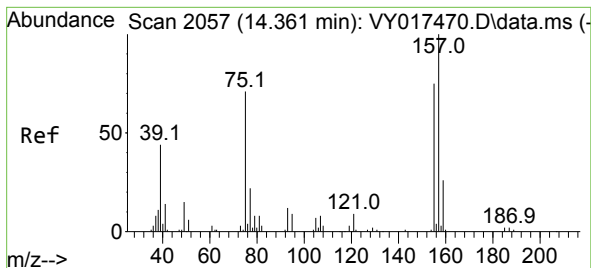
Tgt Ion: 91 Resp: 41772
Ion Ratio Lower Upper
91 100
92 42.1 26.6 79.7
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 6.810 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 117 Resp: 5089
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#

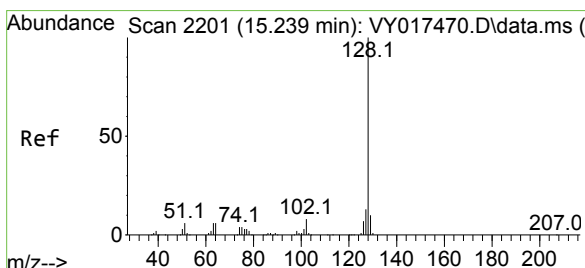
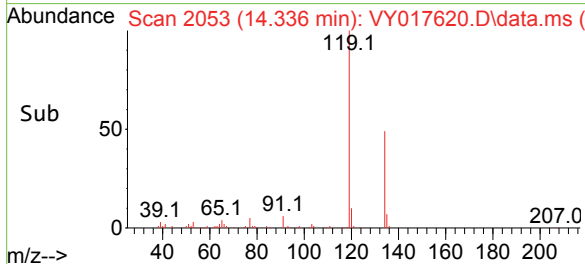
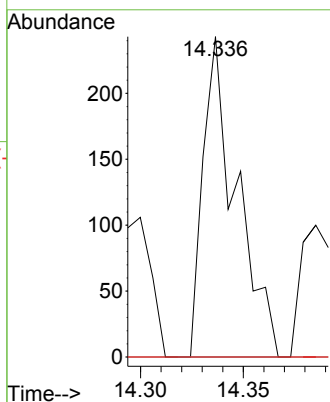
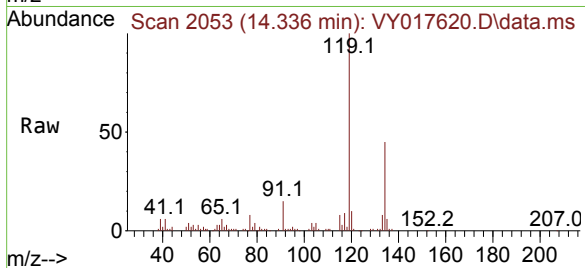




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.691 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.024 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1333

Tgt Ion: 75 Resp: 275
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#95
Naphthalene
Concen: 12.414 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017620.D
Acq: 08 Mar 2024 12:58

Tgt Ion: 128 Resp: 16428
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.8 8.6 13.0

