

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041344.D
 Acq On : 11 Jun 2024 12:55
 Operator : SY/MD
 Sample : P2837-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 12 01:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1042308	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2719316	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2530619	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1928819	9.872	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	43216	0.260	ppbv	96
3) Chlorodifluoromethane	2.687	51	3327791	20.203	ppbv #	59
4) Chloromethane	2.848	50	36880	0.595	ppbv	98
9) Propene	2.738	41	33356	0.569	ppbv	84
10) Heptane	7.593	43	53543	0.385	ppbv #	81
11) Trichlorofluoromethane	3.587	101	34917	0.228	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	6709	0.062	ppbv #	81
13) Ethanol	3.262	45	1966735	128.850	ppbv	97
15) Acetone	3.494	43	1020378	8.574	ppbv	98
19) Isopropyl Alcohol	3.603	45	242255	3.240	ppbv #	95
20) Methylene Chloride	3.957	84	620578	14.347	ppbv	99
21) Allyl Chloride	3.954	41	19733	0.262	ppbv #	18
23) Vinyl Acetate	4.632	43	30028	0.247	ppbv #	19
25) Ethyl Acetate	5.230	43	807968	3.432	ppbv #	79
26) Hexane	5.230	57	1078412	10.186	ppbv #	42
29) Chloroform	5.291	83	18370	0.113	ppbv	91
30) Cyclohexane	6.619	84	26225	0.306	ppbv #	91
34) 2-Butanone	4.806	43	111444	0.855	ppbv	98
36) Benzene	6.381	78	52636	0.250	ppbv #	92
38) Trichloroethene	7.298	130	52118	0.610	ppbv	93
39) 1,2-Dichloropropane	6.667	63	676847	8.065	ppbv #	25
41) Tetrahydrofuran	5.828	42	7963	0.094	ppbv #	39
44) 2,2,4-Trimethylpentane	7.339	57	104241	0.288	ppbv #	74
51) 2-Hexanone	9.539	43	7703	0.050	ppbv #	71
52) Tetrachloroethene	10.619	164	146984	1.912	ppbv	92
53) Toluene	9.230	91	221767	0.915	ppbv	99
58) Ethyl Benzene	12.088	91	62244	0.192	ppbv	90
59) m/p-Xylene	12.346	91	233150	0.839	ppbv	96
60) o-Xylene	13.063	91	90557	0.342	ppbv	99
61) Styrene	12.905	104	6324	0.049	ppbv #	36
64) n-propylbenzene	14.918	120	8523	0.083	ppbv #	1
65) tert-Butylbenzene	16.104	119	11656	0.033	ppbv #	20
72) 4-Ethyltoluene	15.198	105	41816	0.135	ppbv #	63
73) 1,3,5-Trimethylbenzene	15.358	105	35910	0.134	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	191459	0.632	ppbv #	72
79) Naphthalene	21.384	128	13233	0.050	ppbv #	92
80) Naphthalene,2-methyl-	24.384	142	12159	0.137	ppbv #	66

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

Instrument :

MSVOA L

ClientSampleId :

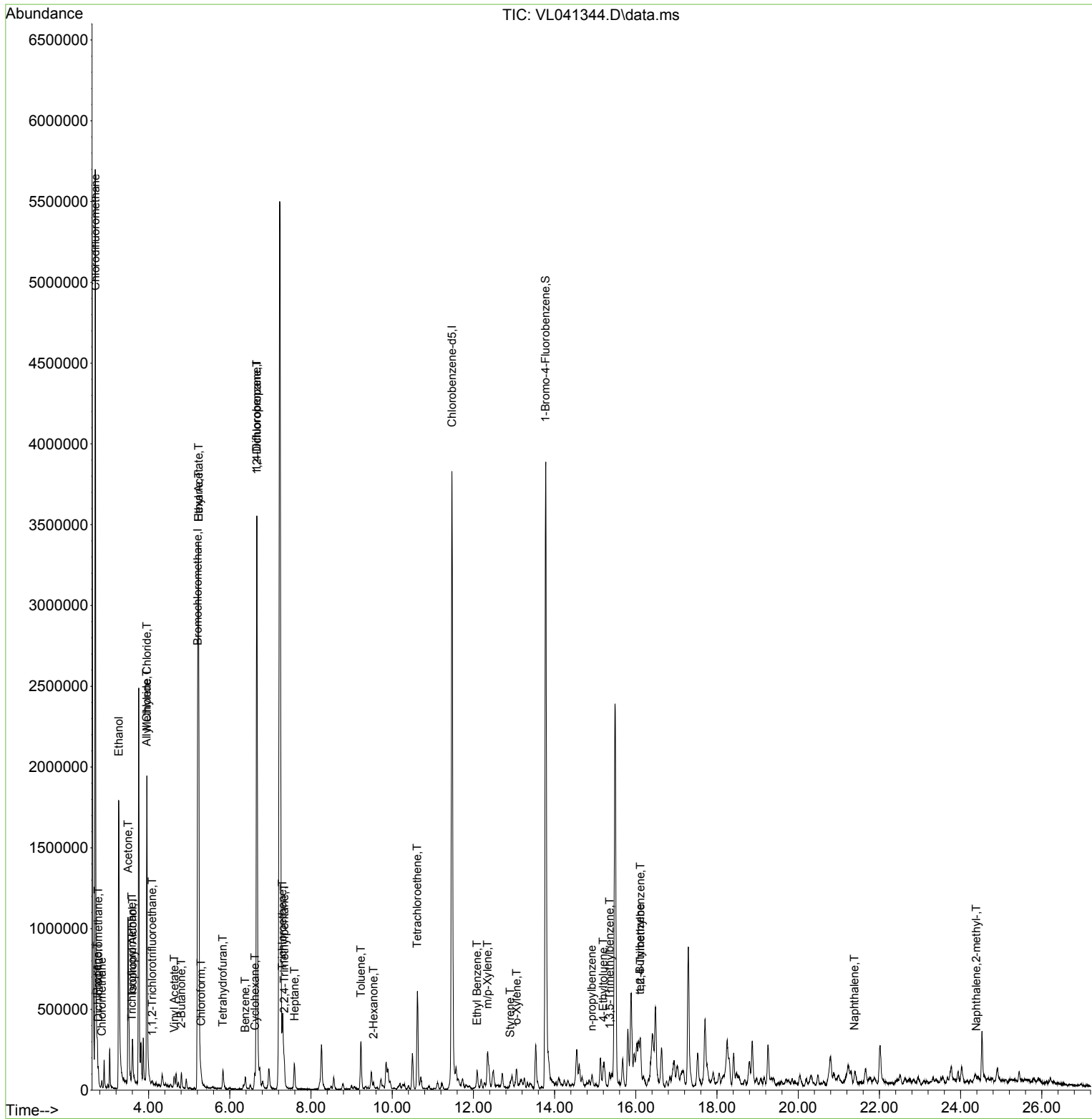
Quant Time: Jun 12 01:22:37 2024

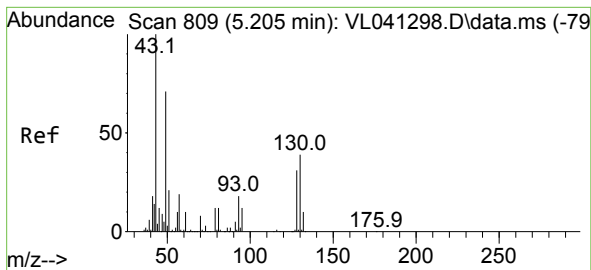
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.208 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

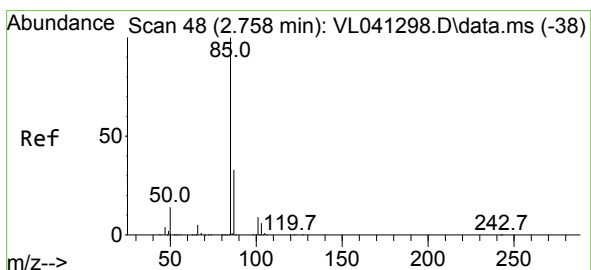
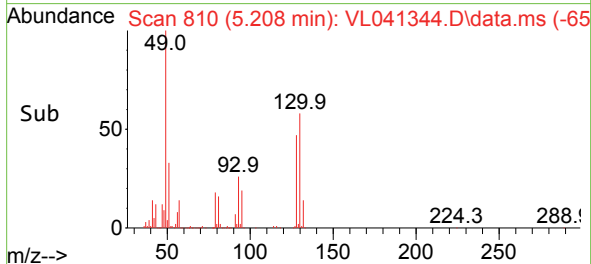
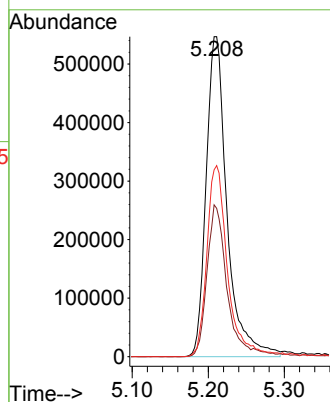
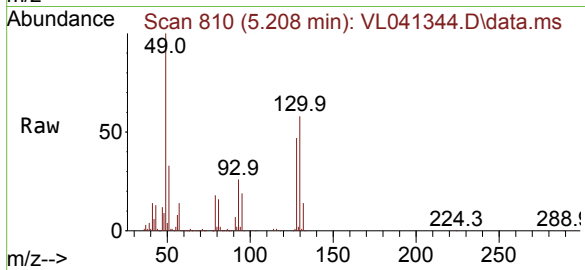
Tgt Ion: 49 Resp: 1042308

Ion Ratio Lower Upper

49 100

128 46.3 22.8 68.3

130 60.0 28.4 85.3



#2

Dichlorodifluoromethane

Concen: 0.260 ppbv

RT: 2.761 min Scan# 49

Delta R.T. 0.000 min

Lab File: VL041344.D

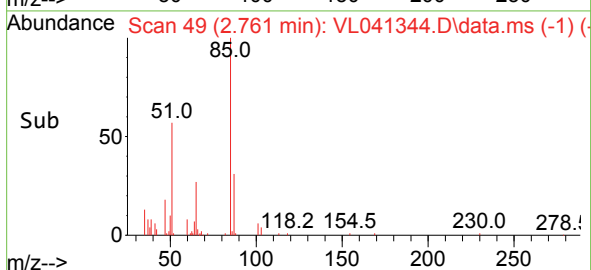
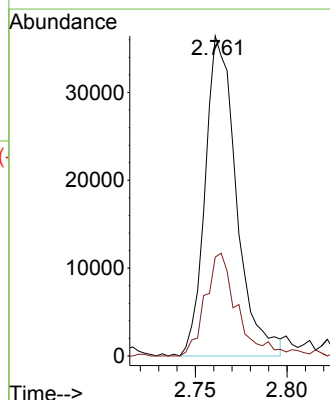
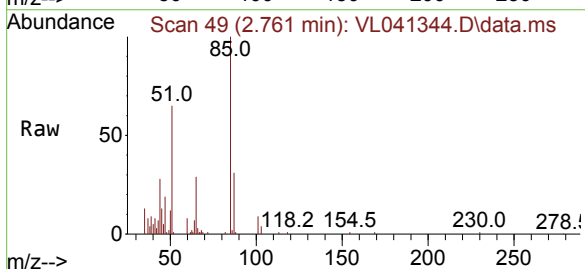
Acq: 11 Jun 2024 12:55

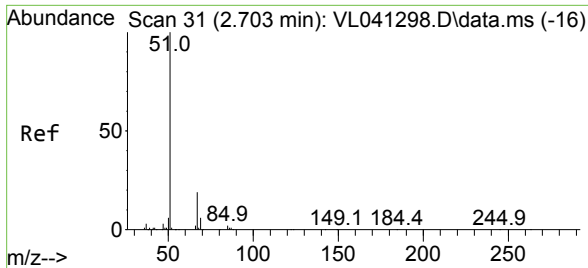
Tgt Ion: 85 Resp: 43216

Ion Ratio Lower Upper

85 100

87 30.9 26.5 39.7

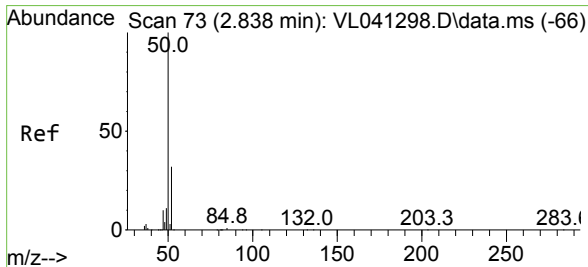
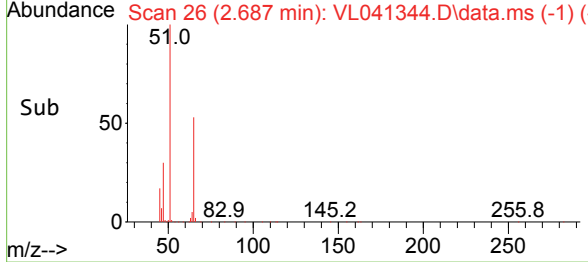
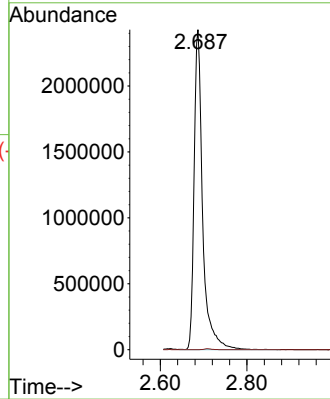
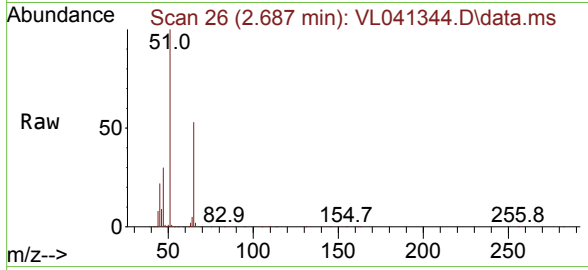




#3
 Chlorodifluoromethane
 Concen: 20.203 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.019 min
 Lab File: VL041344.D
 Acq: 11 Jun 2024 12:55

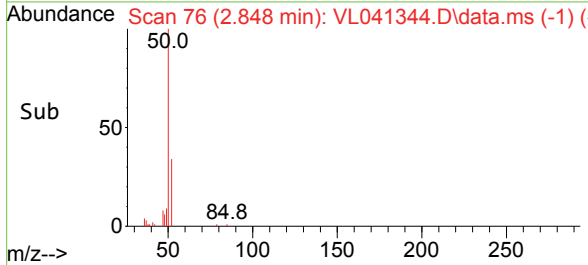
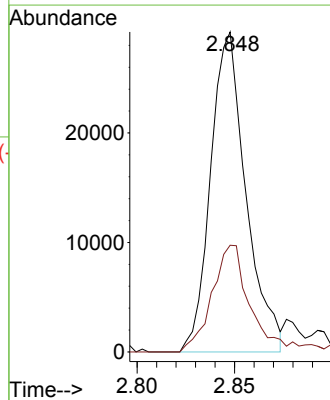
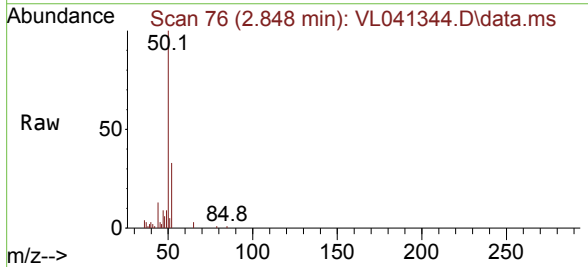
Instrument :
 MSVOA_L
 ClientSampleId :

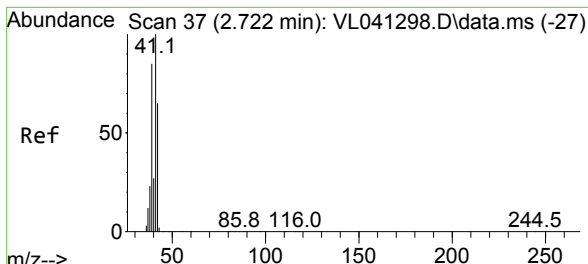
Tgt Ion: 51 Resp: 3327791
 Ion Ratio Lower Upper
 51 100
 67 0.3 14.7 22.1#



#4
 Chloromethane
 Concen: 0.595 ppbv
 RT: 2.848 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: VL041344.D
 Acq: 11 Jun 2024 12:55

Tgt Ion: 50 Resp: 36880
 Ion Ratio Lower Upper
 50 100
 52 33.3 25.6 38.4

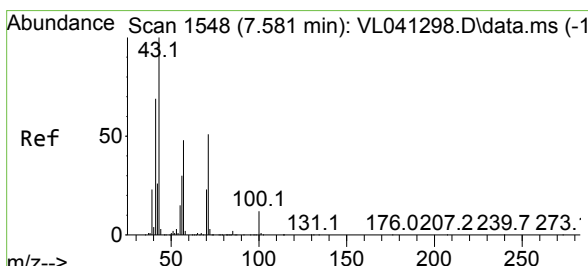
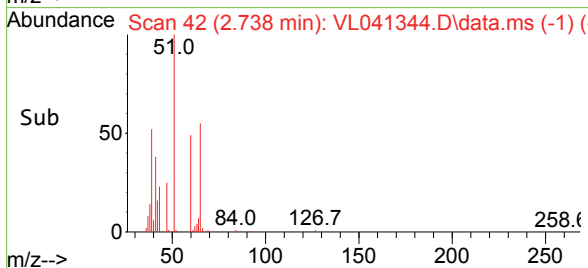
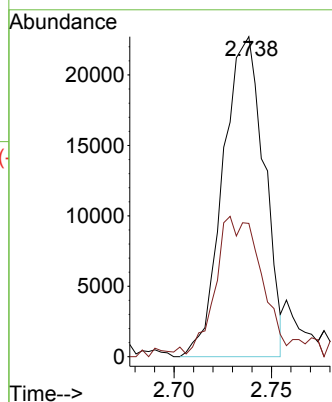
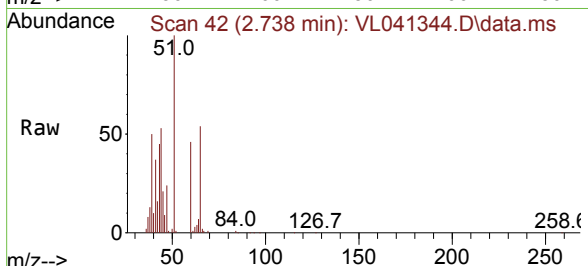




#9
 Propene
 Concen: 0.569 ppbv
 RT: 2.738 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041344.D
 Acq: 11 Jun 2024 12:55

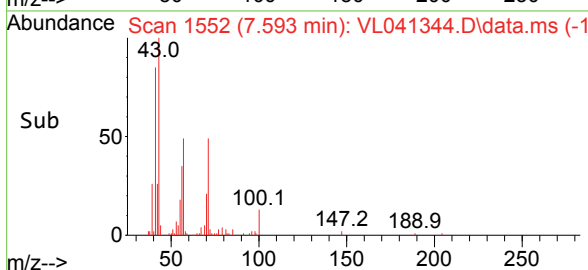
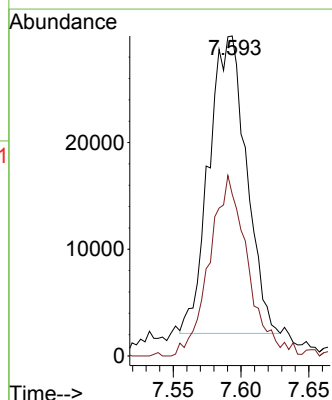
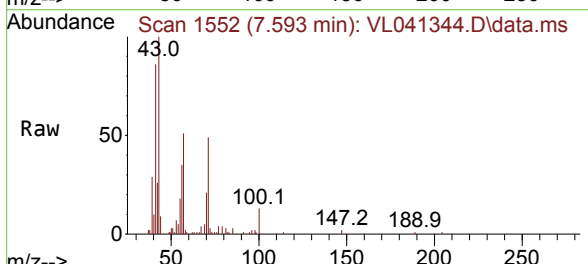
Instrument :
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 ClientSampleId :

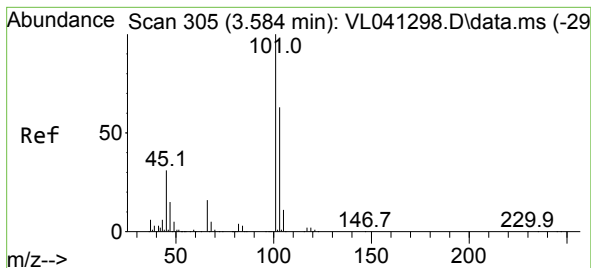
Tgt Ion: 41 Resp: 33356
 Ion Ratio Lower Upper
 41 100
 42 56.3 55.2 82.8



#10
 Heptane
 Concen: 0.385 ppbv
 RT: 7.593 min Scan# 1552
 Delta R.T. 0.003 min
 Lab File: VL041344.D
 Acq: 11 Jun 2024 12:55

Tgt Ion: 43 Resp: 53543
 Ion Ratio Lower Upper
 43 100
 57 61.9 39.0 58.4#





#11

Trichlorofluoromethane

Concen: 0.228 ppbv

RT: 3.587 min Scan# 305

Delta R.T. 0.000 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

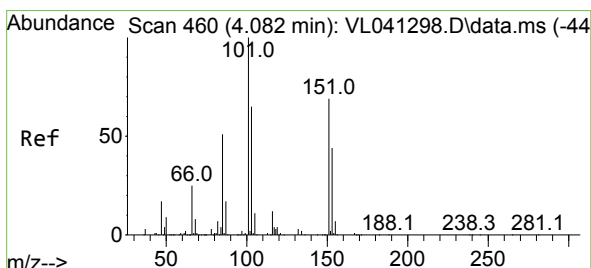
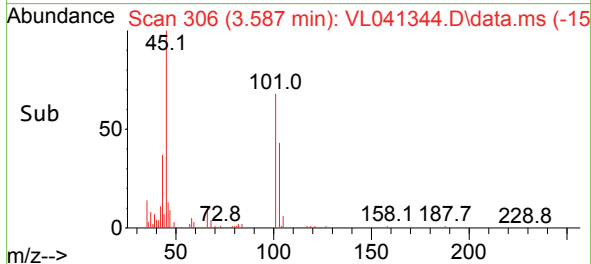
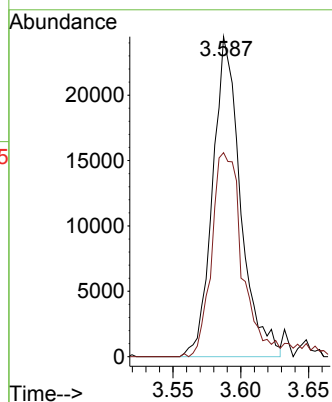
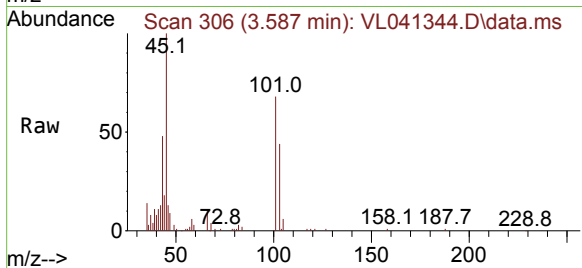
ClientSampleId :

Tgt Ion:101 Resp: 34917

Ion Ratio Lower Upper

101 100

103 63.8 50.6 76.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.062 ppbv

RT: 4.086 min Scan# 461

Delta R.T. -0.003 min

Lab File: VL041344.D

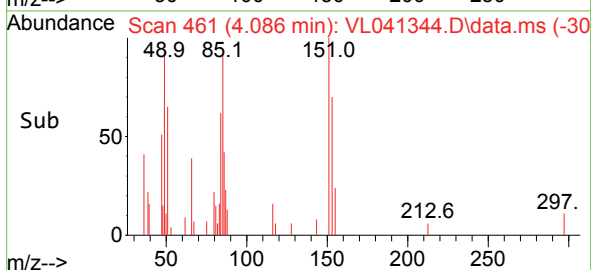
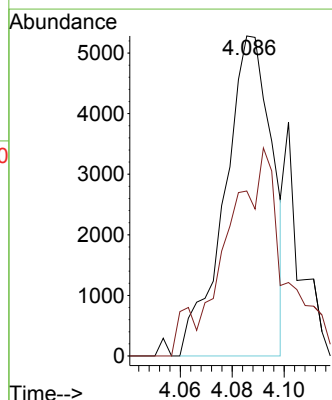
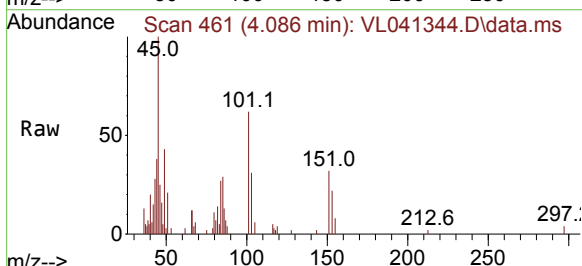
Acq: 11 Jun 2024 12:55

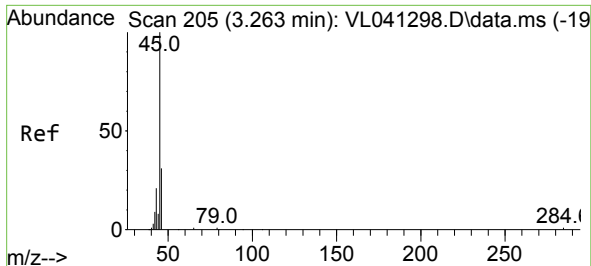
Tgt Ion:101 Resp: 6709

Ion Ratio Lower Upper

101 100

151 84.2 54.8 82.2#

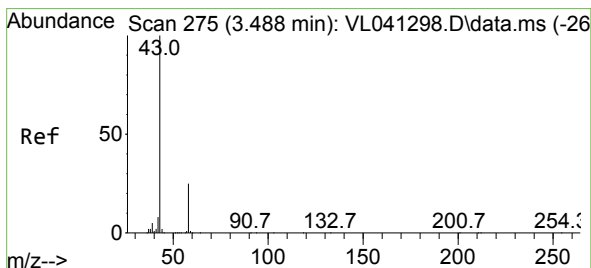
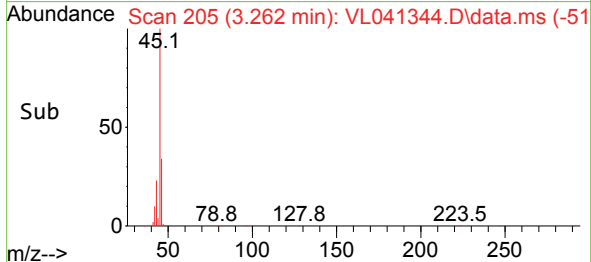
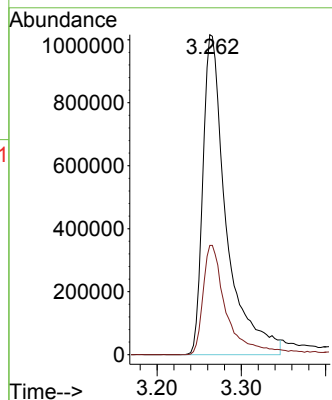
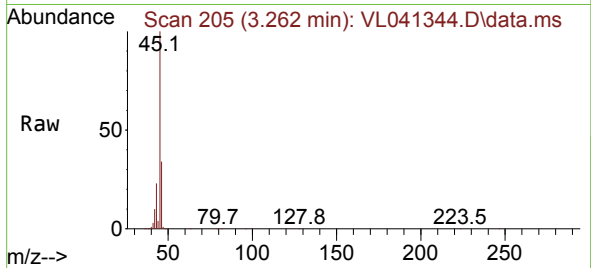




#13
Ethanol
Concen: 128.850 ppbv
RT: 3.262 min Scan# 205
Delta R.T. -0.006 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

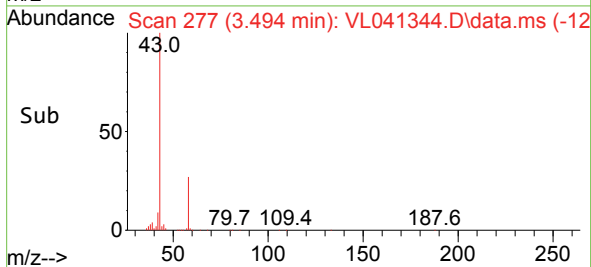
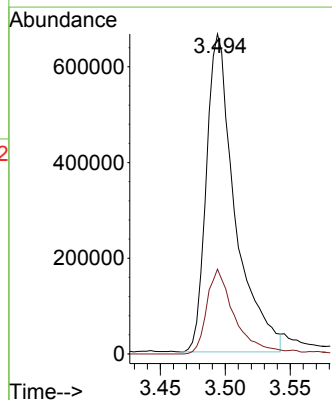
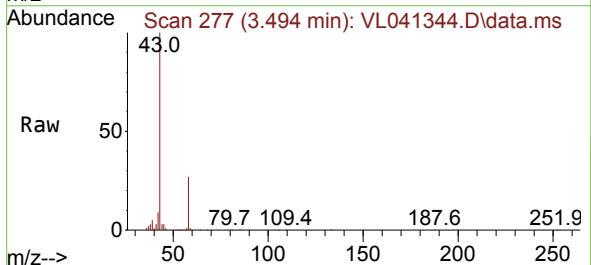
Instrument :
MSVOA_L
ClientSampleId :

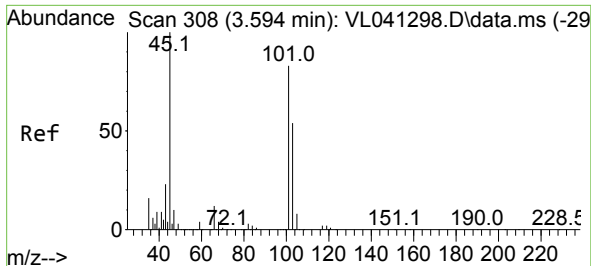
Tgt Ion: 45 Resp: 1966735
Ion Ratio Lower Upper
45 100
46 37.0 14.2 56.6



#15
Acetone
Concen: 8.574 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.000 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

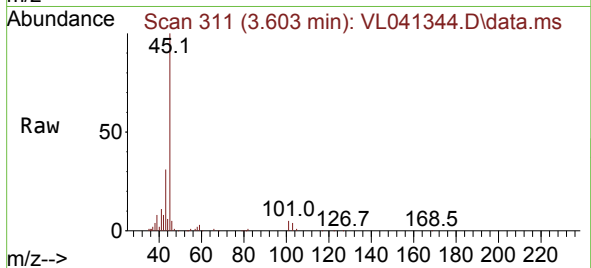
Tgt Ion: 43 Resp: 1020378
Ion Ratio Lower Upper
43 100
58 26.7 20.6 31.0



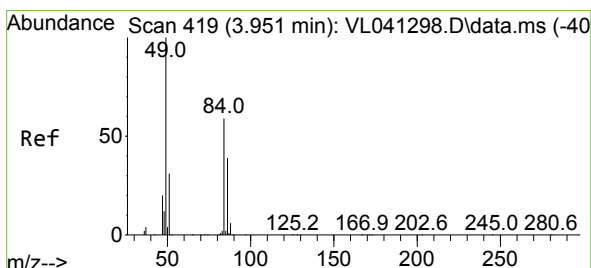
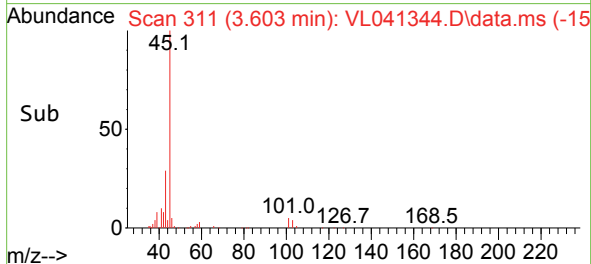
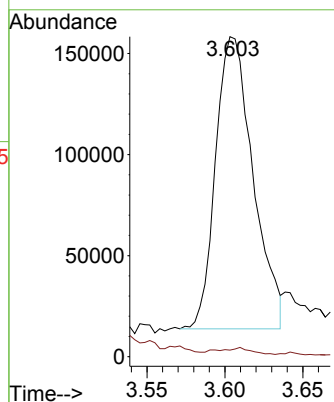


#19
Isopropyl Alcohol
Concen: 3.240 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.006 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Instrument :
MSVOA_L
ClientSampleId :

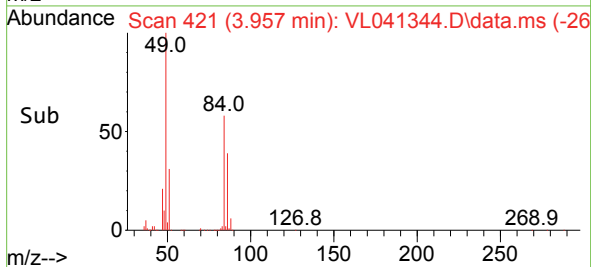
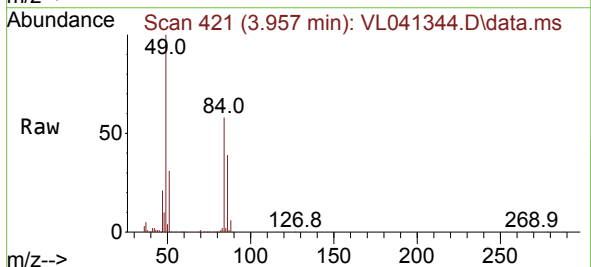
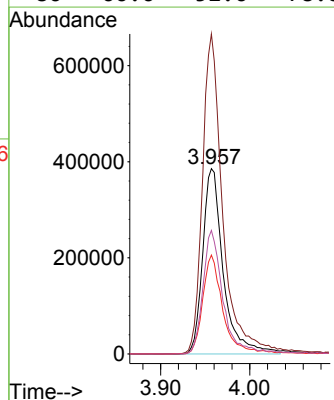


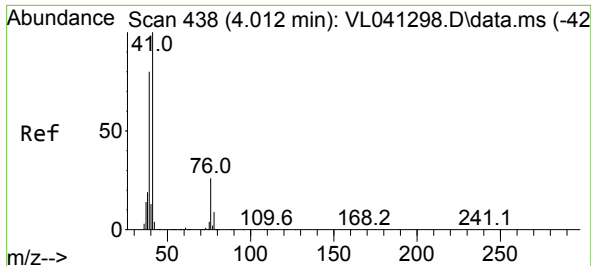
Tgt Ion: 45 Resp: 242255
Ion Ratio Lower Upper
45 100
58 3.8 1.4 2.2#



#20
Methylene Chloride
Concen: 14.347 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.003 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Tgt Ion: 84 Resp: 620578
Ion Ratio Lower Upper
84 100
49 172.5 136.2 204.2
51 53.1 41.9 62.9
86 66.6 52.6 78.8





#21

Allyl Chloride

Concen: 0.262 ppbv

RT: 3.954 min Scan# 41

Delta R.T. -0.064 min

Lab File: VL041344.D

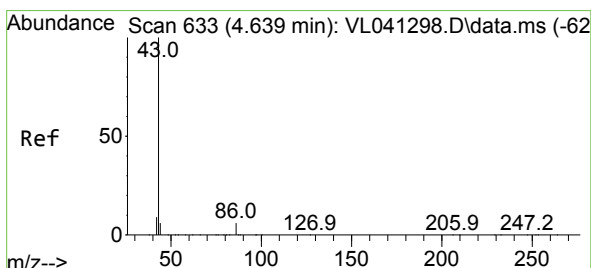
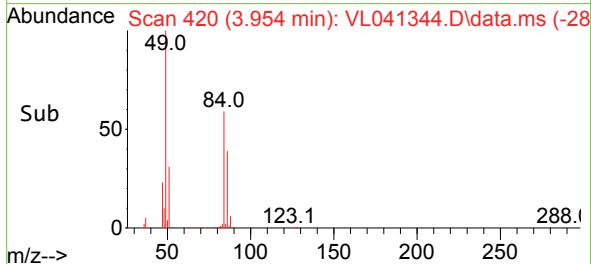
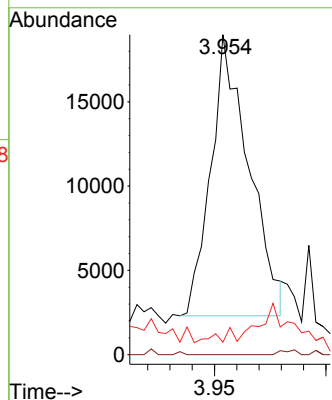
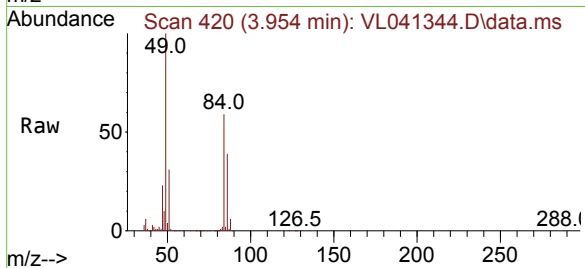
Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 19733
Ion Ratio	Lower Upper
41	100
76	0.9 22.3 33.5#
39	0.0 66.3 99.5#



#23

Vinyl Acetate

Concen: 0.247 ppbv

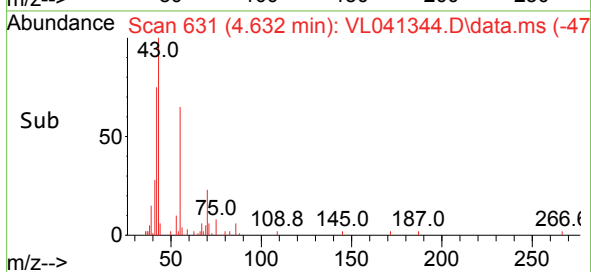
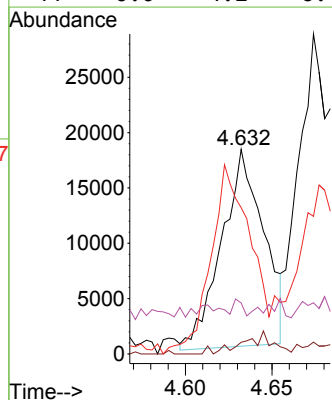
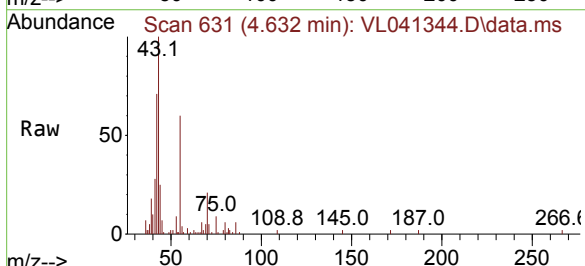
RT: 4.632 min Scan# 631

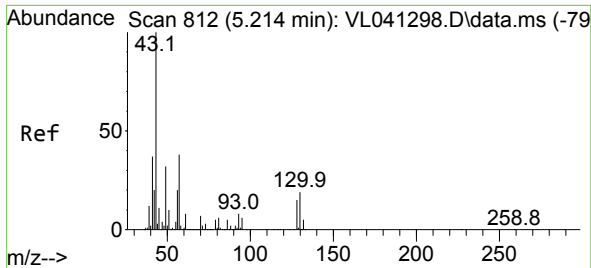
Delta R.T. -0.013 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Tgt Ion: 43	Resp: 30028
Ion Ratio	Lower Upper
43	100
86	6.0 4.7 7.1
42	70.3 8.0 12.0#
44	0.0 4.2 6.4#

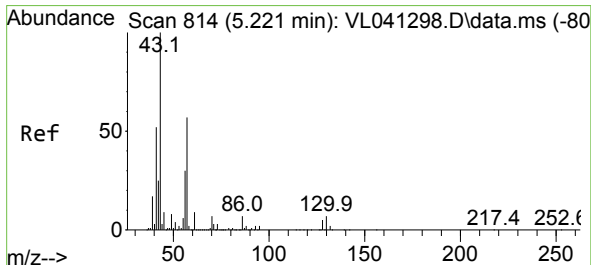
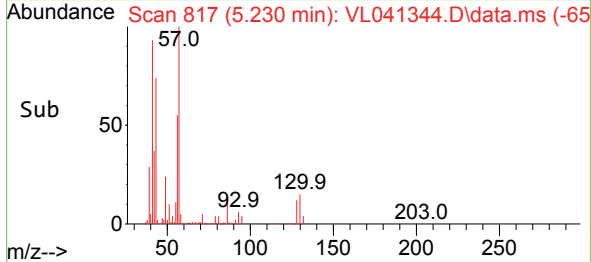
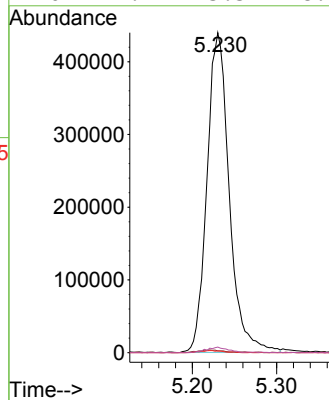
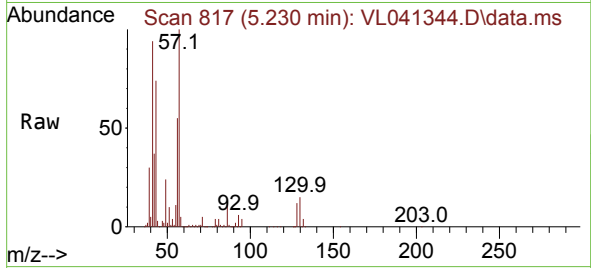




#25
Ethyl Acetate
Concen: 3.432 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

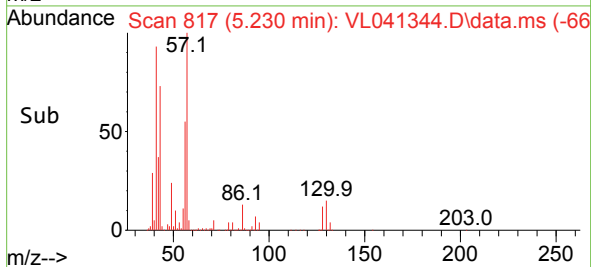
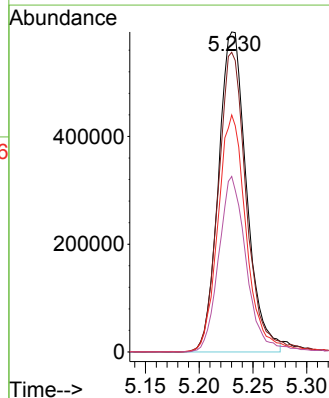
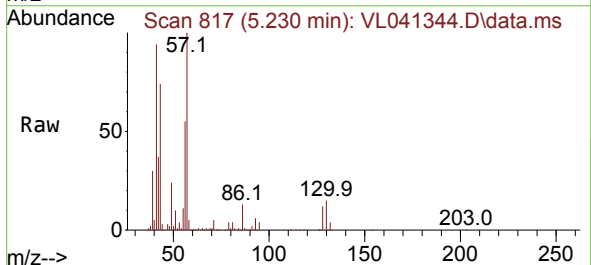
Instrument :
MSVOA_L
ClientSampleId :

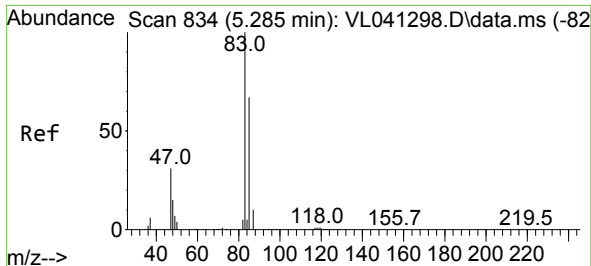
Tgt Ion: 43 Resp: 807968
Ion Ratio Lower Upper
43 100
45 1.2 8.1 12.1#
61 0.7 7.4 11.0#
70 1.9 5.5 8.3#



#26
Hexane
Concen: 10.186 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Tgt Ion: 57 Resp: 1078412
Ion Ratio Lower Upper
57 100
41 95.7 77.1 115.7
43 75.8 186.1 279.1#
56 54.7 42.9 64.3





#29

Chloroform

Concen: 0.113 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

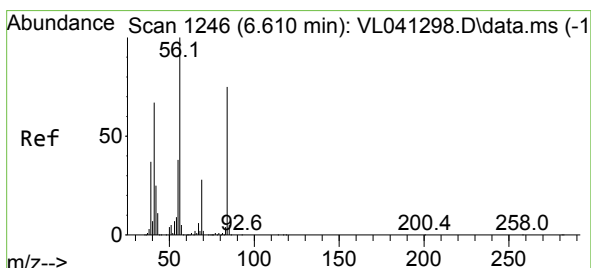
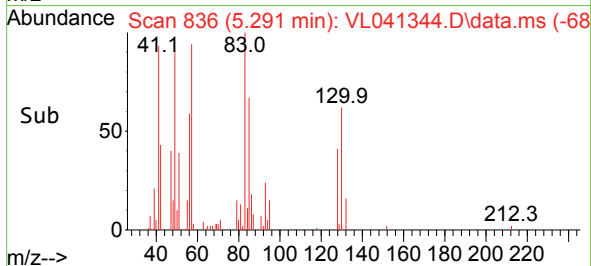
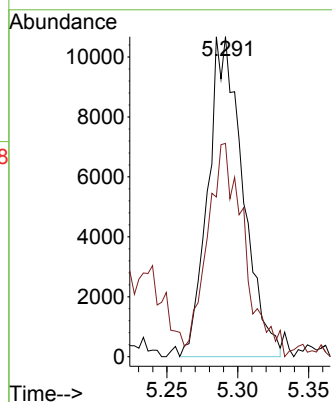
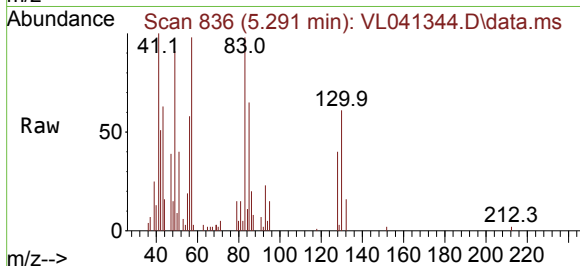
ClientSampleId :

Tgt Ion: 83 Resp: 18370

Ion Ratio Lower Upper

83 100

85 59.0 53.3 79.9



#30

Cyclohexane

Concen: 0.306 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

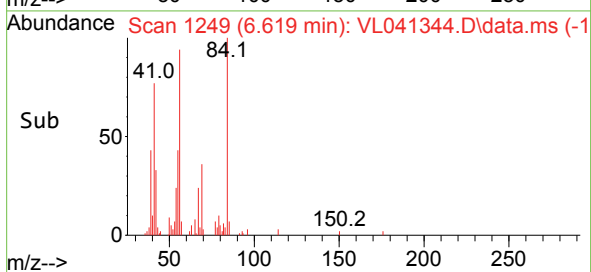
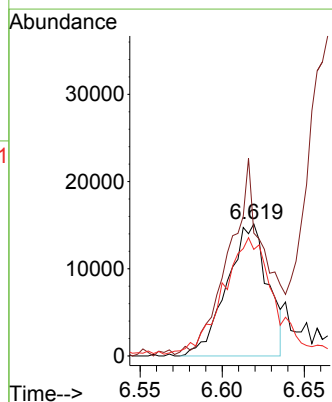
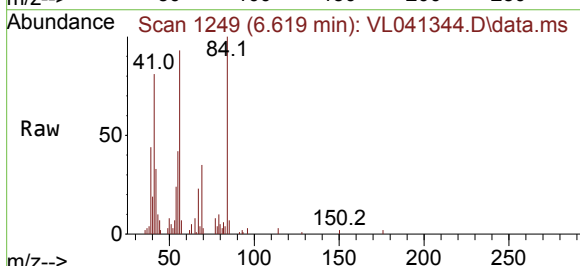
Tgt Ion: 84 Resp: 26225

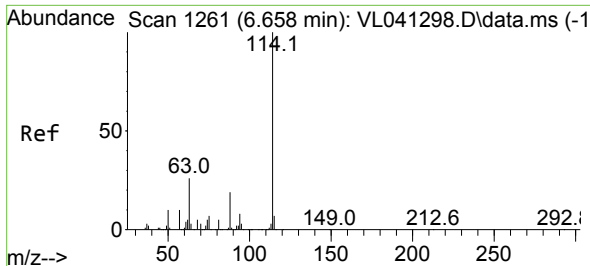
Ion Ratio Lower Upper

84 100

56 143.1 114.9 172.3

41 114.9 74.4 111.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

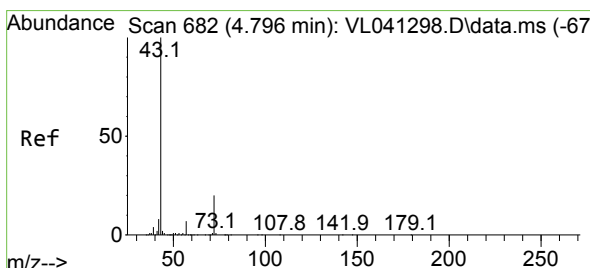
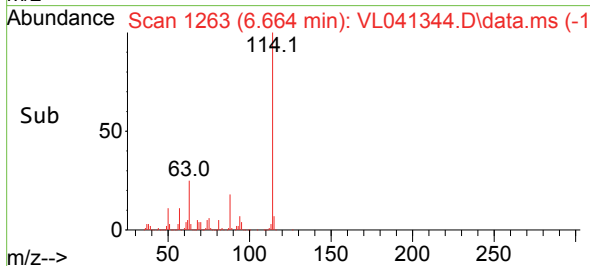
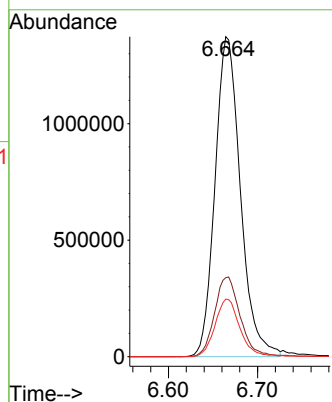
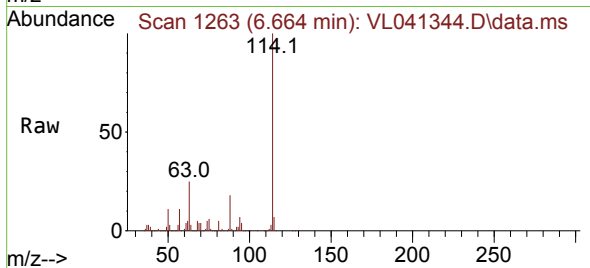
Tgt Ion:114 Resp: 2719316

Ion Ratio Lower Upper

114 100

63 25.4 20.6 30.8

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 0.855 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL041344.D

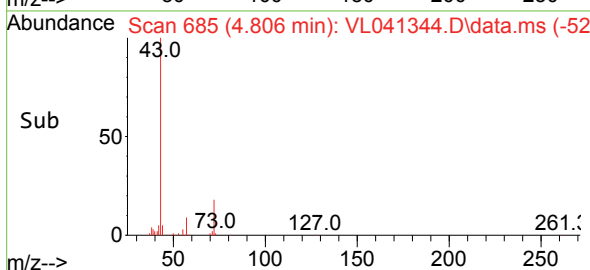
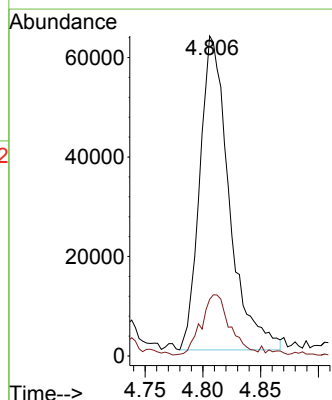
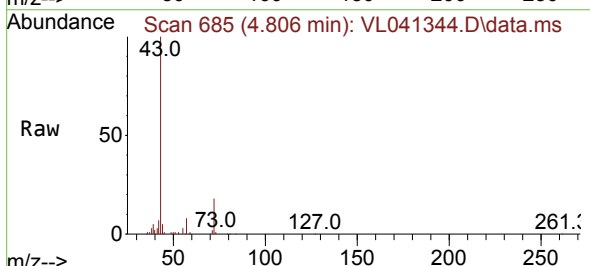
Acq: 11 Jun 2024 12:55

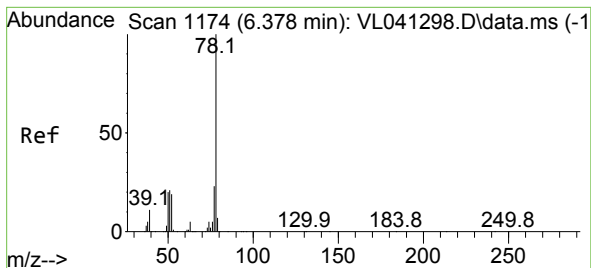
Tgt Ion: 43 Resp: 111444

Ion Ratio Lower Upper

43 100

72 20.6 17.4 26.0





#36

Benzene

Concen: 0.250 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

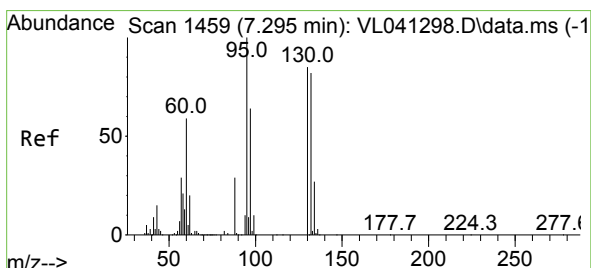
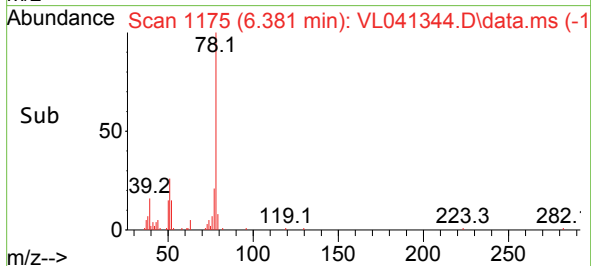
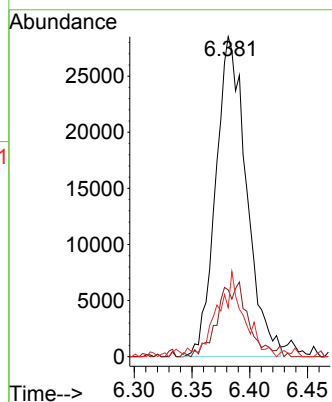
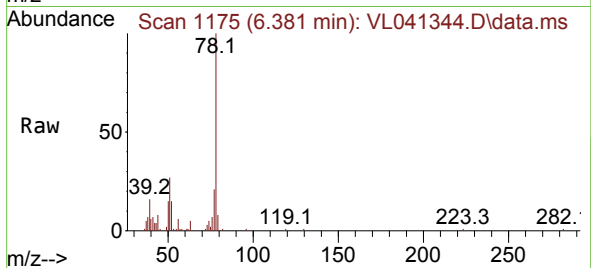
Tgt Ion: 78 Resp: 52636

Ion Ratio Lower Upper

78 100

77 20.9 18.6 28.0

50 14.2 16.0 24.0#



#38

Trichloroethene

Concen: 0.610 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Tgt Ion: 130 Resp: 52118

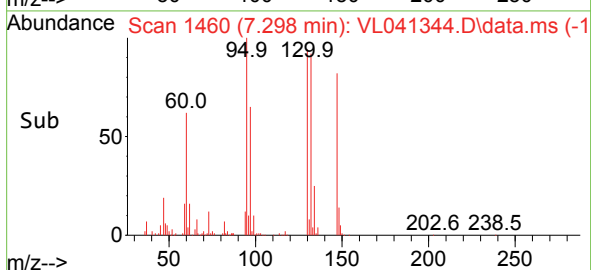
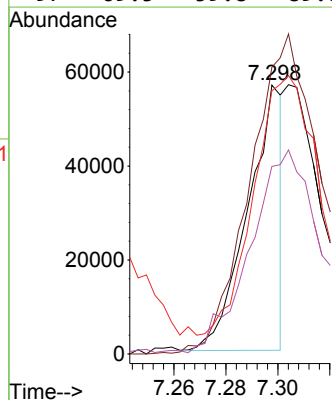
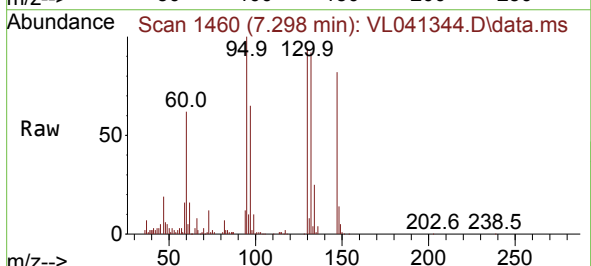
Ion Ratio Lower Upper

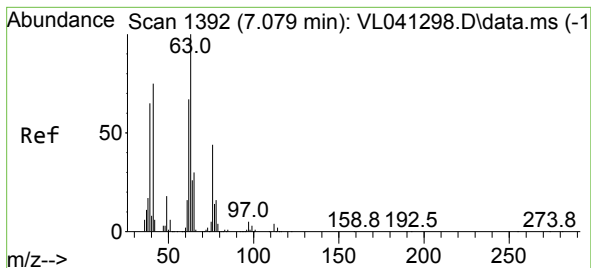
130 100

95 107.5 94.0 141.0

132 92.2 76.7 115.1

97 69.5 59.8 89.8





#39

1,2-Dichloropropane

Concen: 8.065 ppbv

RT: 6.667 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

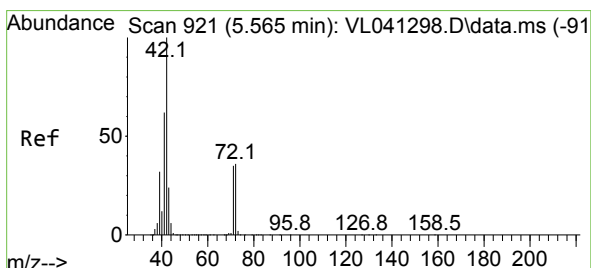
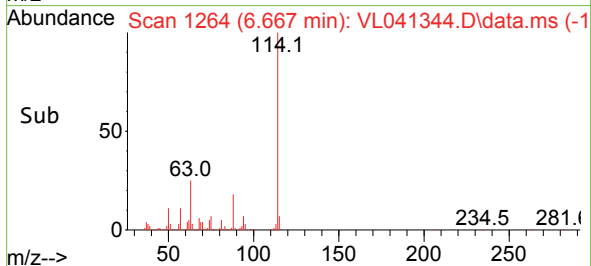
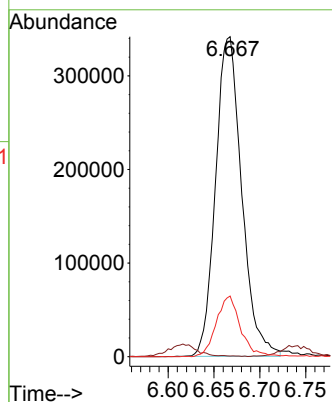
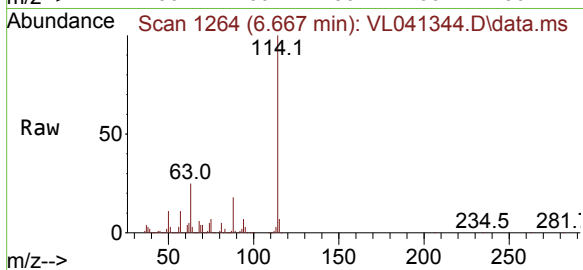
Tgt Ion: 63 Resp: 676847

Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 18.9 53.8 80.6#



#41

Tetrahydrofuran

Concen: 0.094 ppbv

RT: 5.828 min Scan# 1003

Delta R.T. 0.254 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

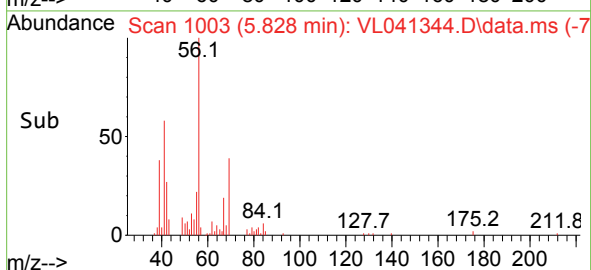
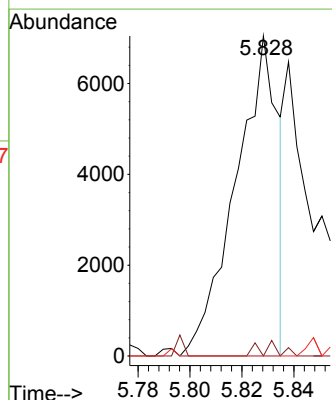
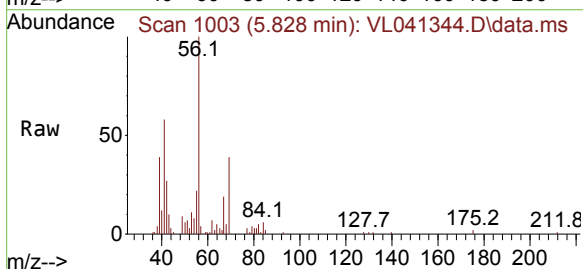
Tgt Ion: 42 Resp: 7963

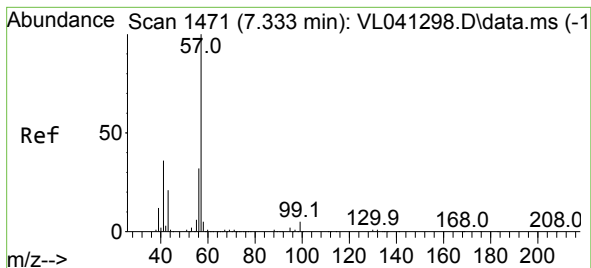
Ion Ratio Lower Upper

42 100

72 2.0 30.2 45.4#

71 0.0 30.3 45.5#

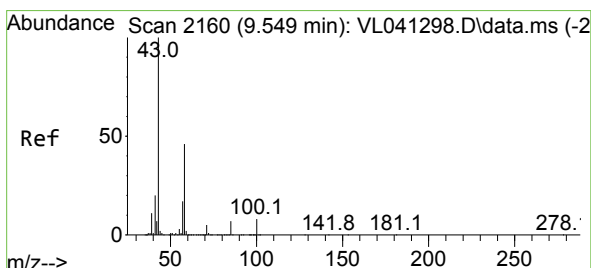
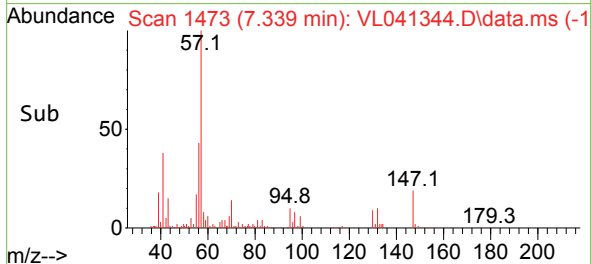
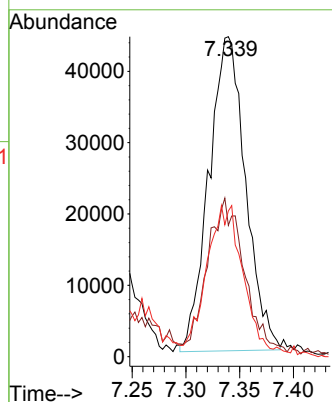
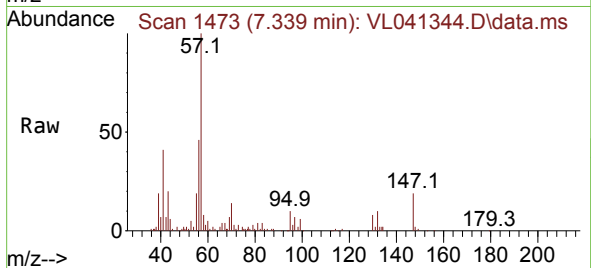




#44
2,2,4-Trimethylpentane
Concen: 0.288 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

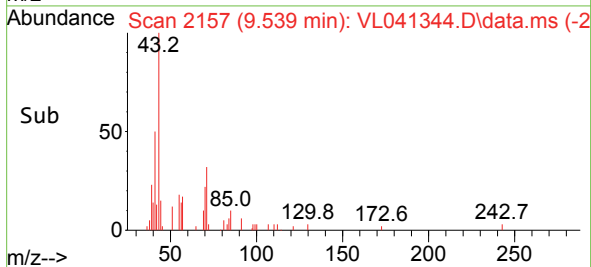
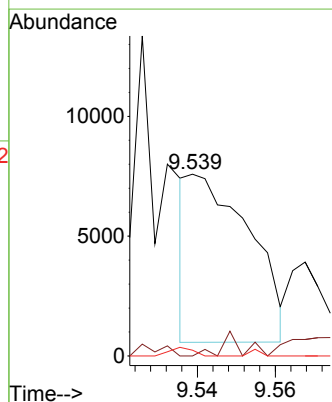
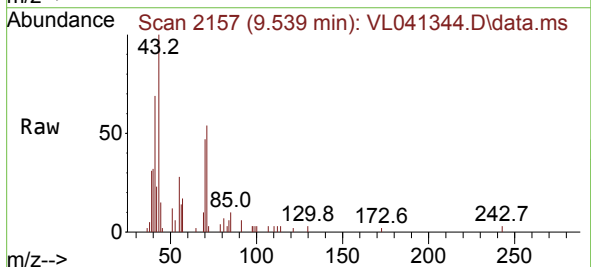
Instrument :
MSVOA_L
ClientSampleId :

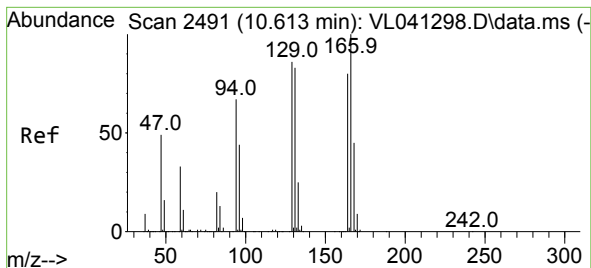
Tgt Ion: 57 Resp: 104241
Ion Ratio Lower Upper
57 100
41 48.7 29.4 44.2#
56 49.8 25.0 37.4#



#51
2-Hexanone
Concen: 0.050 ppbv
RT: 9.539 min Scan# 2157
Delta R.T. -0.019 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Tgt Ion: 43 Resp: 7703
Ion Ratio Lower Upper
43 100
58 27.1 37.4 56.0#
98 2.6 0.2 0.4#





#52

Tetrachloroethene

Concen: 1.912 ppbv

RT: 10.619 min Scan# 2491

Delta R.T. -0.006 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:164 Resp: 146984

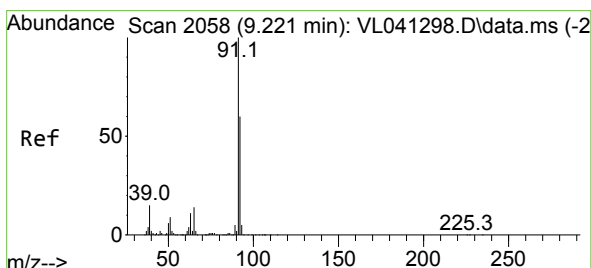
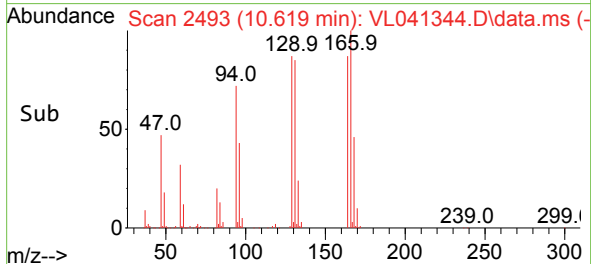
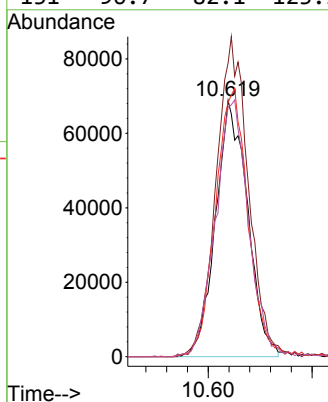
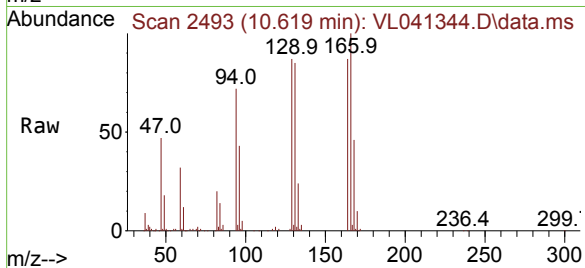
Ion Ratio Lower Upper

164 100

166 113.6 99.4 149.0

129 98.9 85.4 128.2

131 96.7 82.1 123.1



#53

Toluene

Concen: 0.915 ppbv

RT: 9.230 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VL041344.D

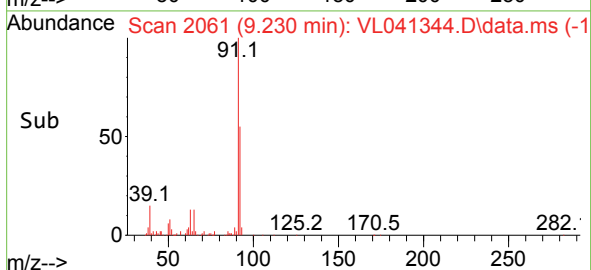
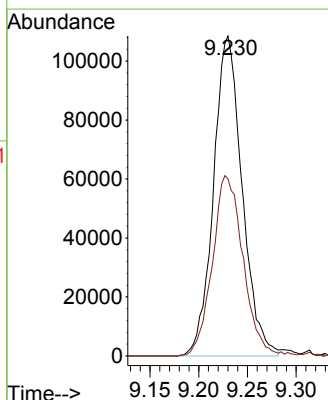
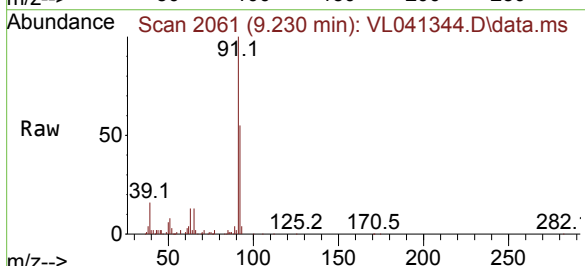
Acq: 11 Jun 2024 12:55

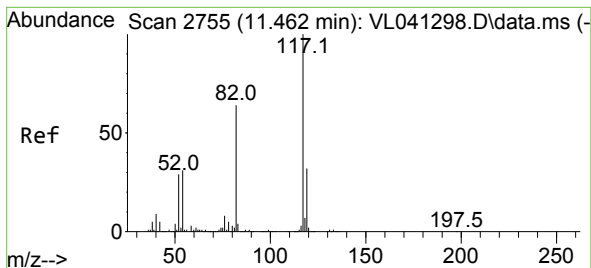
Tgt Ion: 91 Resp: 221767

Ion Ratio Lower Upper

91 100

92 60.4 49.2 73.8

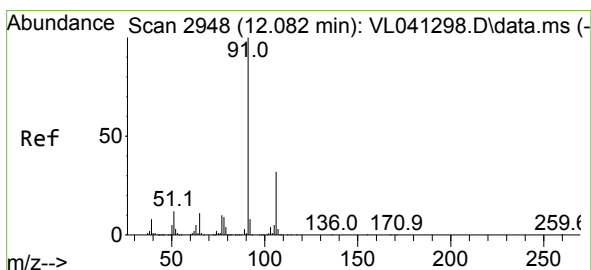
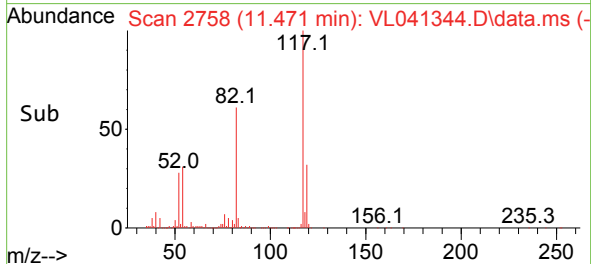
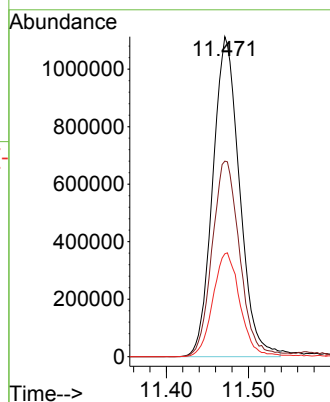
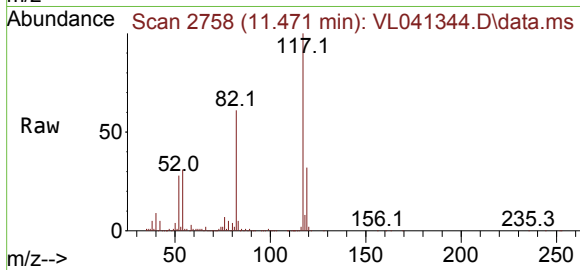




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

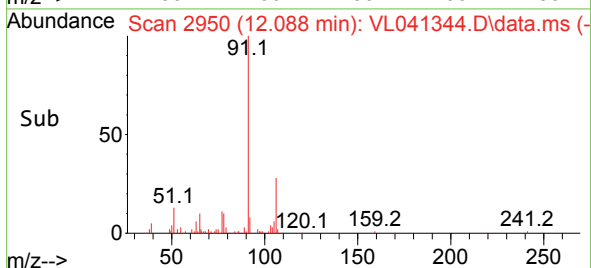
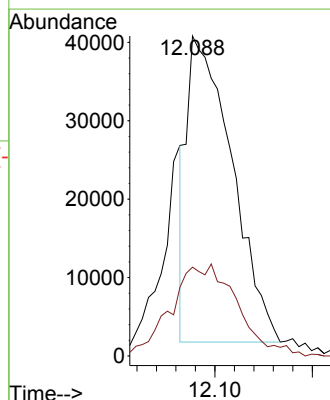
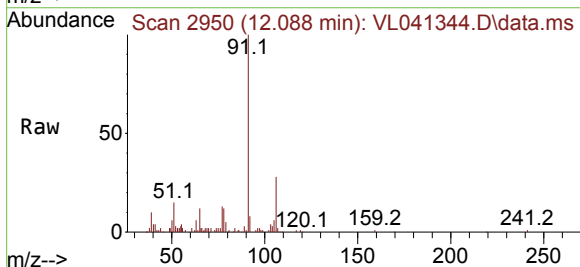
Instrument :
MSVOA_L
ClientSampleId :

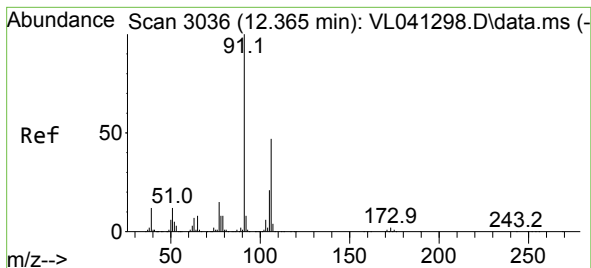
Tgt Ion:117 Resp: 2530619
Ion Ratio Lower Upper
117 100
82 63.4 52.3 78.5
119 33.1 26.2 39.2



#58
Ethyl Benzene
Concen: 0.192 ppbv
RT: 12.088 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Tgt Ion: 91 Resp: 62244
Ion Ratio Lower Upper
91 100
106 26.2 25.5 38.3





#59

m/p-Xylene

Concen: 0.839 ppbv

RT: 12.346 min Scan# 3030

Delta R.T. -0.032 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

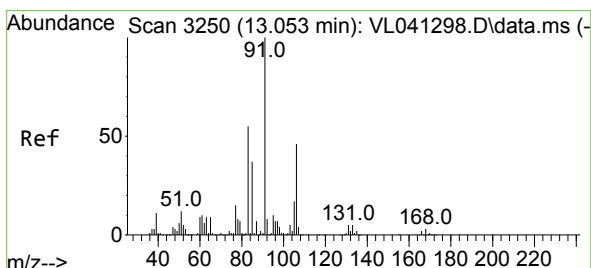
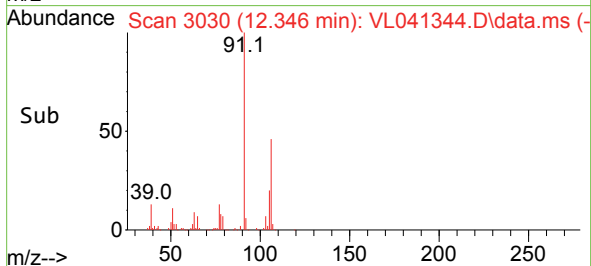
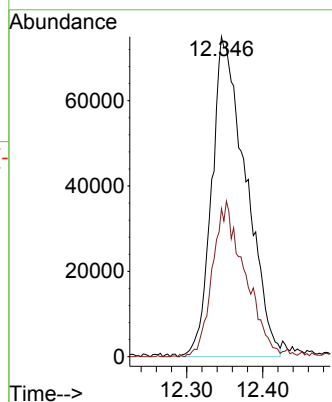
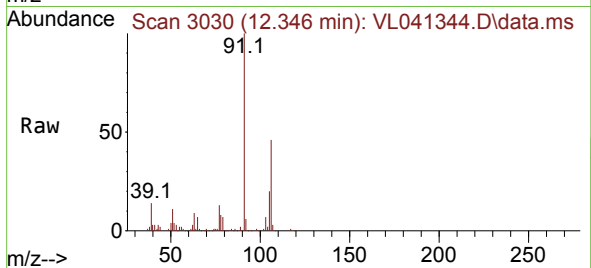
ClientSampleId :

Tgt Ion: 91 Resp: 233150

Ion Ratio Lower Upper

91 100

106 47.2 35.7 53.5



#60

o-Xylene

Concen: 0.342 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL041344.D

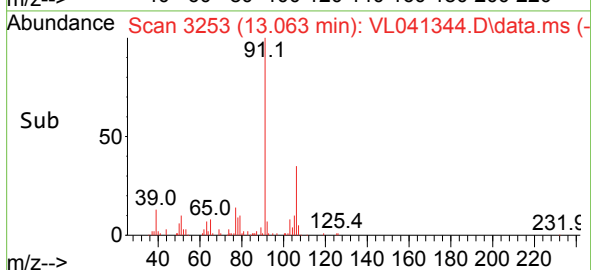
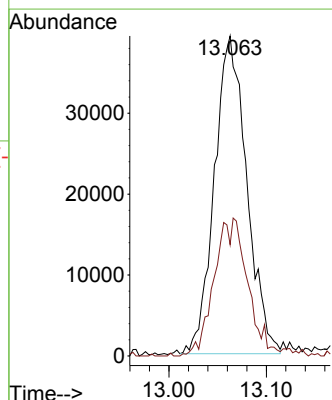
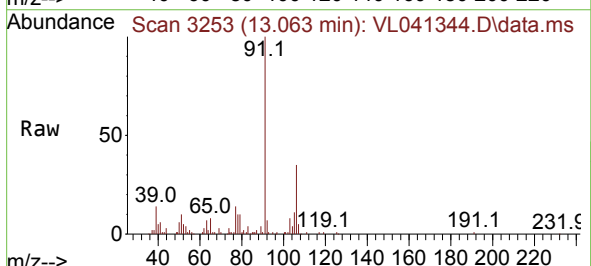
Acq: 11 Jun 2024 12:55

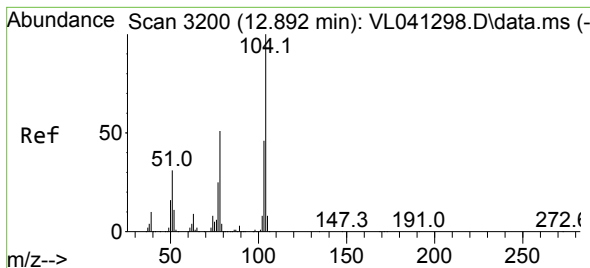
Tgt Ion: 91 Resp: 90557

Ion Ratio Lower Upper

91 100

106 46.2 22.8 68.4





#61

Styrene

Concen: 0.049 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041344.D

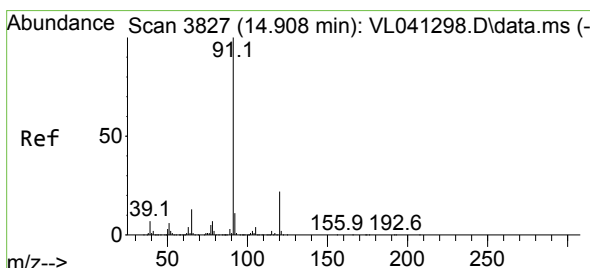
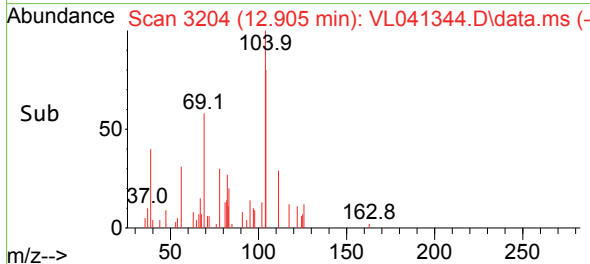
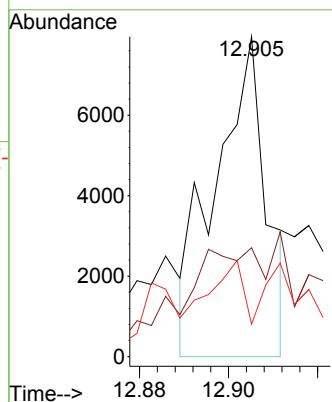
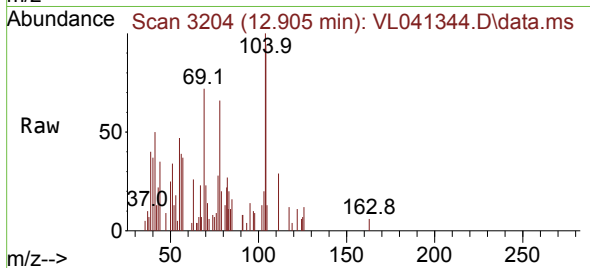
Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:104	Resp:	6324
Ion Ratio	Lower	Upper
104	100	
78	0.0	42.2 63.4#
103	81.9	37.9 56.9#



#64

n-propylbenzene

Concen: 0.083 ppbv

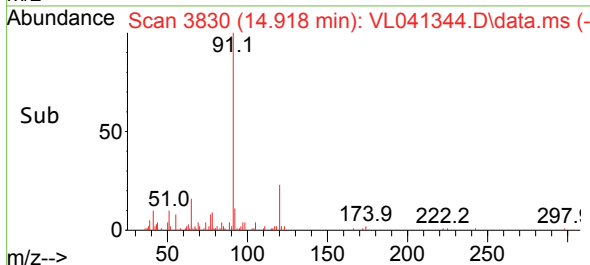
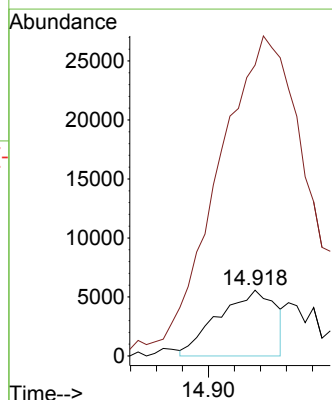
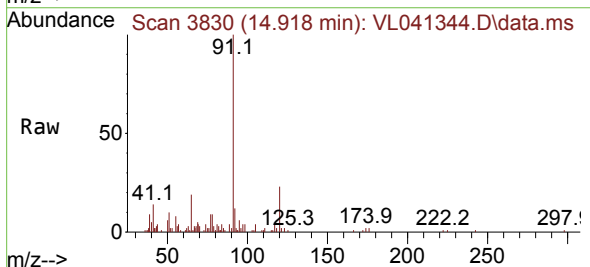
RT: 14.918 min Scan# 3830

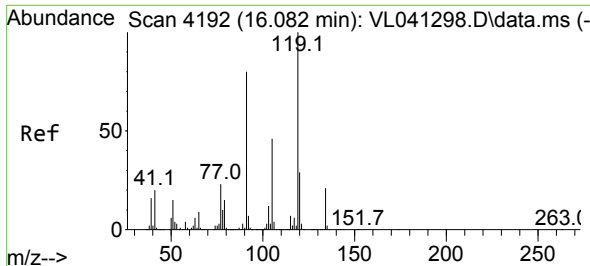
Delta R.T. -0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Tgt Ion:120	Resp:	8523
Ion Ratio	Lower	Upper
120	100	
91	769.9	374.2 561.2#

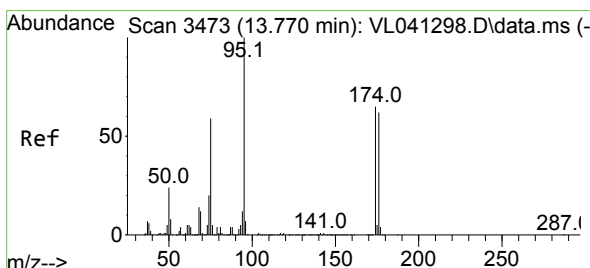
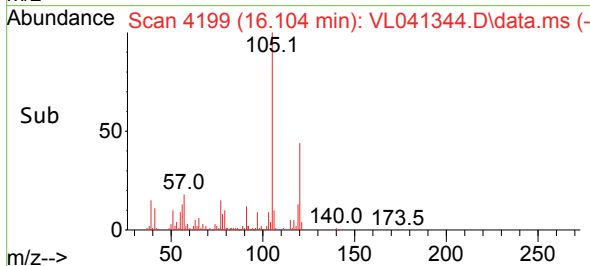
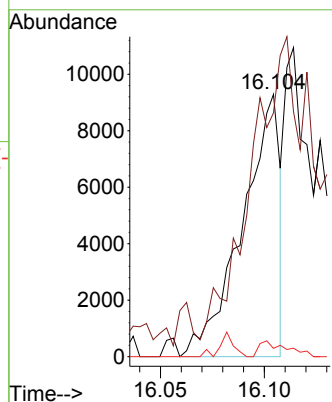
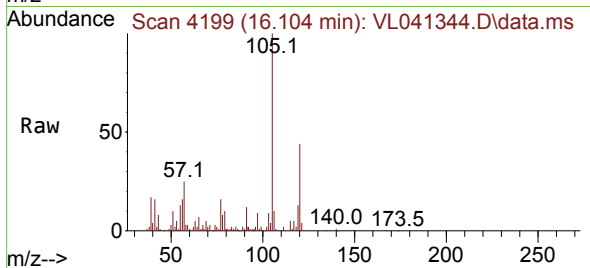




#65
tert-Butylbenzene
Concen: 0.033 ppbv
RT: 16.104 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

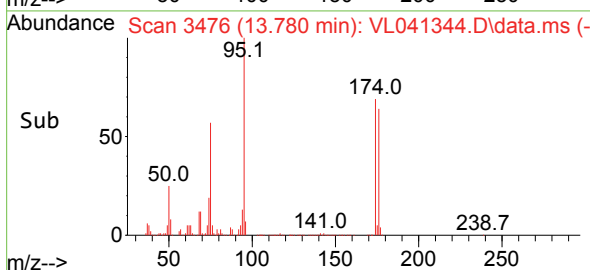
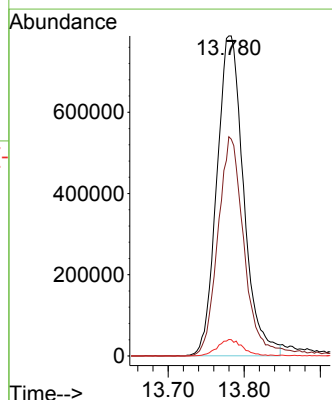
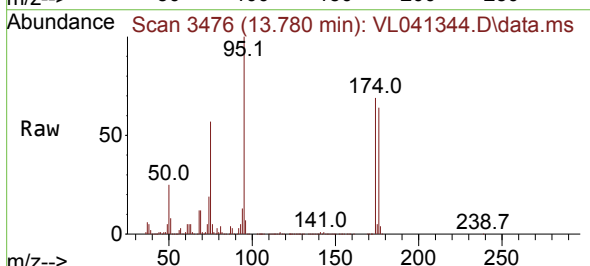
Instrument :
MSVOA_L
ClientSampleId :

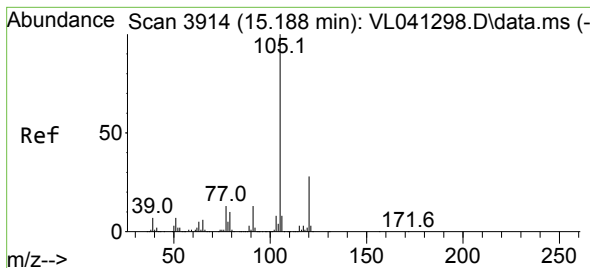
Tgt Ion:119 Resp: 11656
Ion Ratio Lower Upper
119 100
91 0.0 66.5 99.7#
134 7.7 15.7 23.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.872 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VL041344.D
Acq: 11 Jun 2024 12:55

Tgt Ion: 95 Resp: 1928819
Ion Ratio Lower Upper
95 100
174 69.1 52.2 78.2
175 5.1 4.1 6.1





#72

4-Ethyltoluene

Concen: 0.135 ppbv

RT: 15.198 min Scan# 3917

Delta R.T. 0.000 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 41816

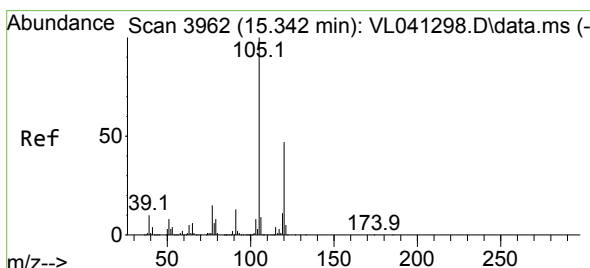
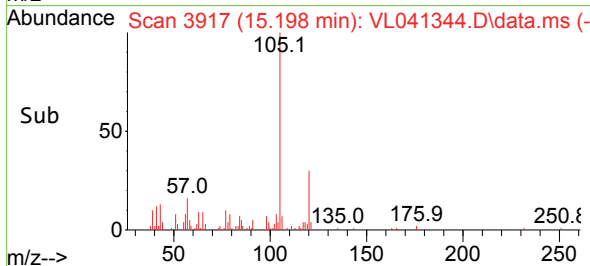
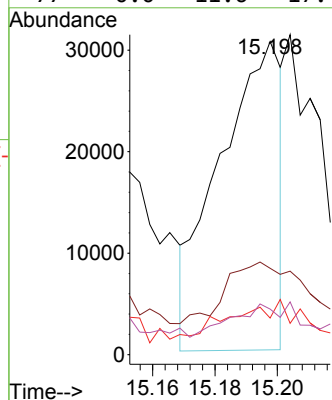
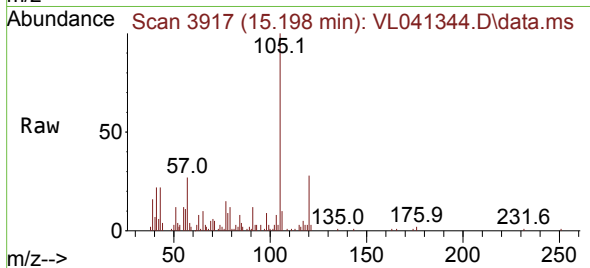
Ion Ratio Lower Upper

105 100

120 51.4 23.7 35.5#

91 0.0 10.6 16.0#

77 0.0 11.6 17.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.134 ppbv

RT: 15.358 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VL041344.D

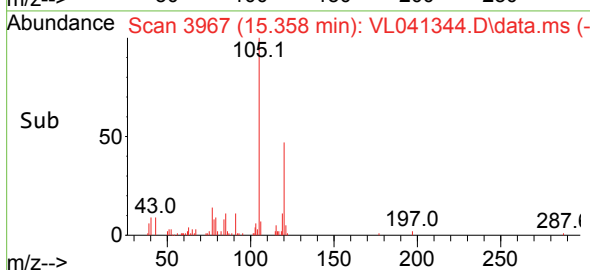
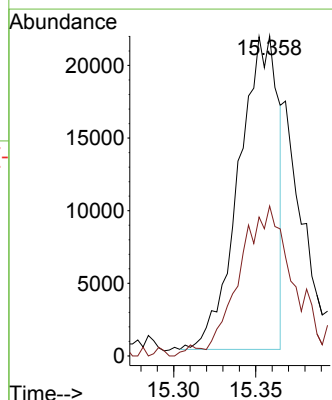
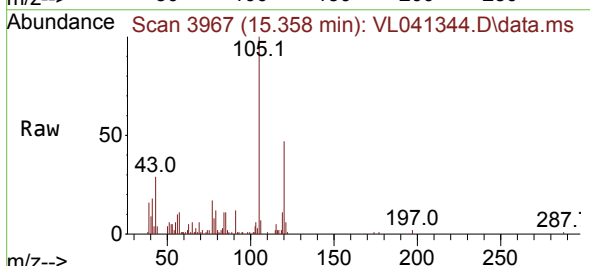
Acq: 11 Jun 2024 12:55

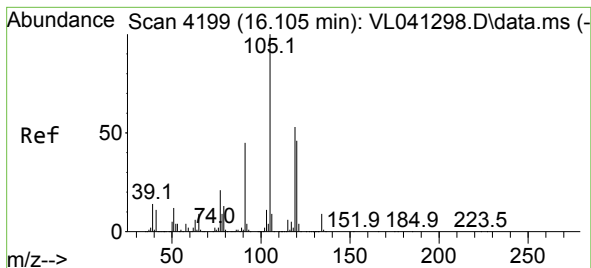
Tgt Ion:105 Resp: 35910

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8





#74

1,2,4-Trimethylbenzene

Concen: 0.632 ppbv

RT: 16.114 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 191459

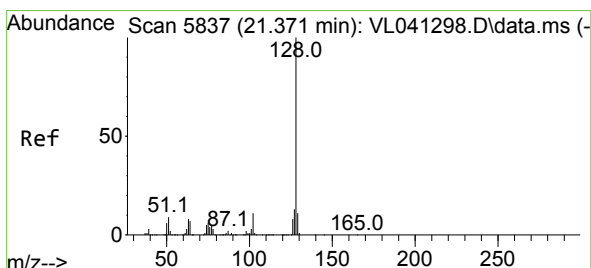
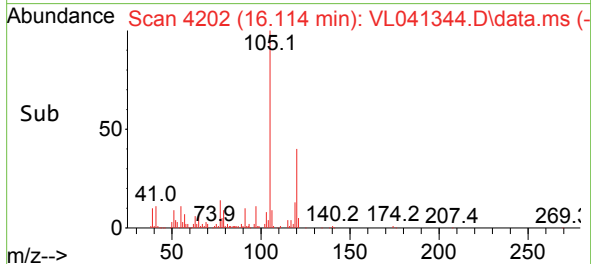
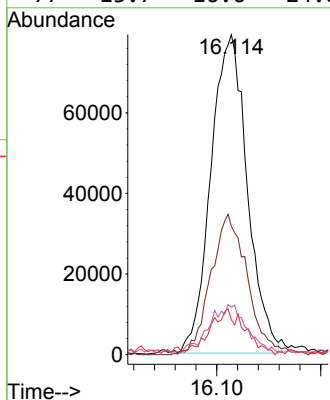
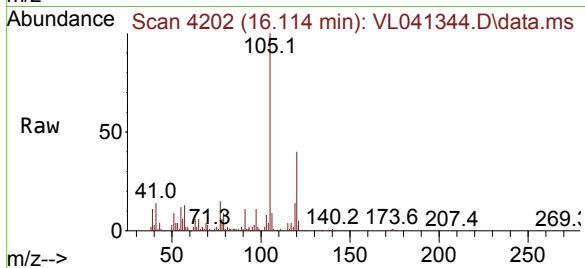
Ion Ratio Lower Upper

105 100

120 40.2 37.0 55.6

91 10.1 36.2 54.4#

77 13.7 16.6 24.8#



#79

Naphthalene

Concen: 0.050 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. -0.003 min

Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

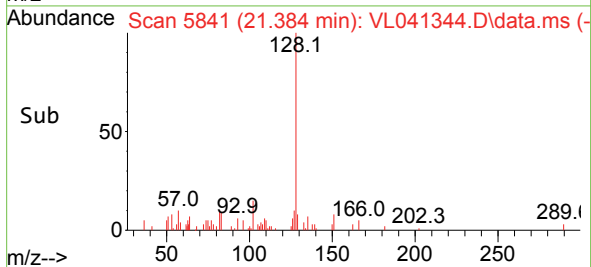
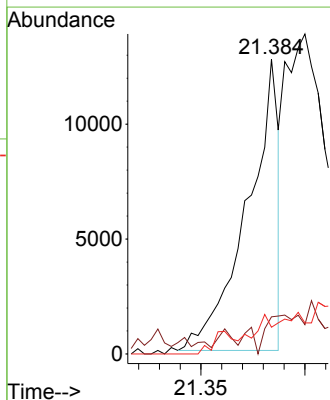
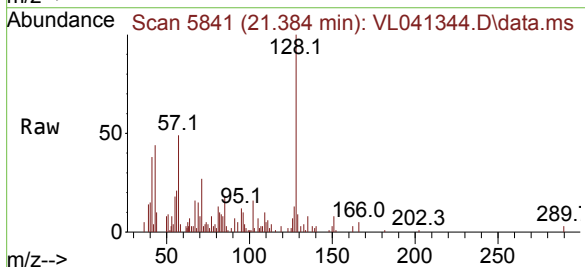
Tgt Ion:128 Resp: 13233

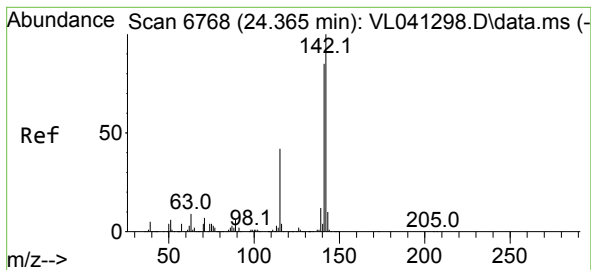
Ion Ratio Lower Upper

128 100

127 8.9 10.5 15.7#

129 9.2 9.1 13.7





#80

Naphthalene, 2-methyl-

Concen: 0.137 ppbv

RT: 24.384 min Scan# 61

Delta R.T. 0.006 min

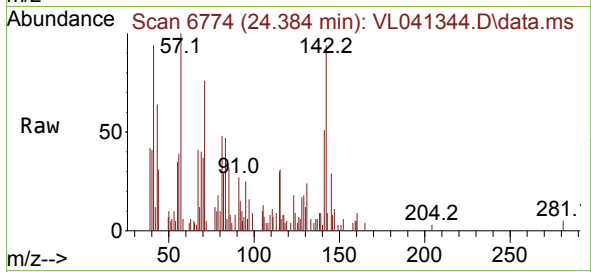
Lab File: VL041344.D

Acq: 11 Jun 2024 12:55

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 12159

Ion Ratio Lower Upper

142 100

141 90.9 68.5 102.7

115 99.7 32.6 49.0#

