

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041345.D
 Acq On : 11 Jun 2024 13:36
 Operator : SY/MD
 Sample : P2837-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

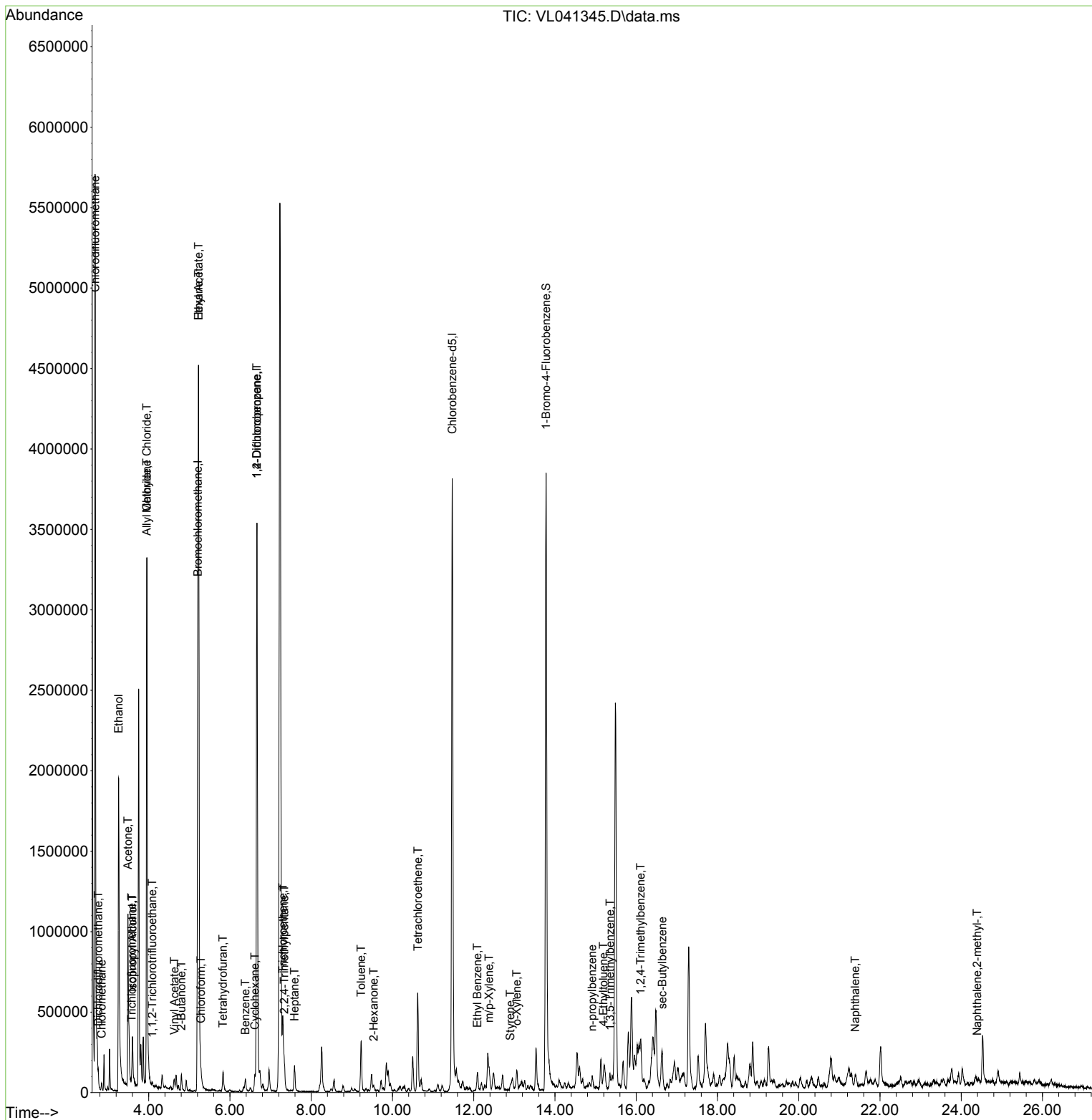
Quant Time: Jun 12 01:23:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

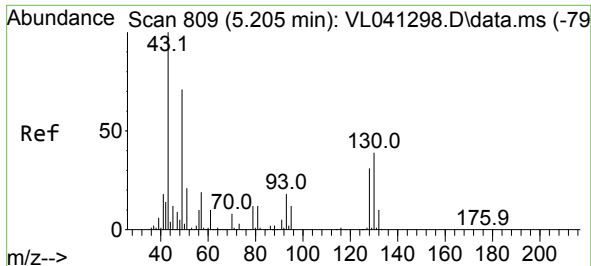
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.208	49	1034533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2719634	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2542277	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1917653	9.770	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	45373	0.275	ppbv	92
3) Chlorodifluoromethane	2.681	51	3362620	20.568	ppbv #	59
4) Chloromethane	2.841	50	37804	0.614	ppbv	92
10) Heptane	7.587	43	65921	0.478	ppbv	88
11) Trichlorofluoromethane	3.584	101	36674	0.241	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.086	101	8586	0.080	ppbv	89
13) Ethanol	3.259	45	2151775	142.033	ppbv	100
15) Acetone	3.491	43	1105783	9.362	ppbv	99
19) Isopropyl Alcohol	3.600	45	289006	3.895	ppbv #	1
20) Methylene Chloride	3.954	84	1082238	25.208	ppbv	95
21) Allyl Chloride	3.951	41	41536	0.555	ppbv #	18
23) Vinyl Acetate	4.632	43	29974	0.248	ppbv #	29
25) Ethyl Acetate	5.227	43	1216276	5.205	ppbv #	78
26) Hexane	5.227	57	1669996	15.892	ppbv #	40
29) Chloroform	5.288	83	17486	0.108	ppbv	99
30) Cyclohexane	6.616	84	33003	0.387	ppbv	86
34) 2-Butanone	4.803	43	107547	0.825	ppbv	96
36) Benzene	6.381	78	55973	0.266	ppbv #	90
38) Trichloroethene	7.304	130	120661	1.412	ppbv	85
39) 1,2-Dichloropropane	6.664	63	659312	7.855	ppbv #	25
41) Tetrahydrofuran	5.828	42	12248	0.144	ppbv #	37
44) 2,2,4-Trimethylpentane	7.336	57	112671	0.311	ppbv #	77
51) 2-Hexanone	9.539	43	12858	0.084	ppbv #	30
52) Tetrachloroethene	10.626	164	149755	1.948	ppbv	94
53) Toluene	9.230	91	235804	0.973	ppbv	98
58) Ethyl Benzene	12.092	91	57247	0.176	ppbv	95
59) m/p-Xylene	12.381	91	42236	0.151	ppbv #	31
60) o-Xylene	13.060	91	48665	0.183	ppbv #	31
61) Styrene	12.902	104	5493	0.042	ppbv #	15
64) n-propylbenzene	14.918	120	8039	0.077	ppbv #	1
67) sec-Butylbenzene	16.641	105	15924	0.031	ppbv #	59
72) 4-Ethyltoluene	15.194	105	35648	0.115	ppbv #	46
73) 1,3,5-Trimethylbenzene	15.358	105	52969	0.197	ppbv #	76
74) 1,2,4-Trimethylbenzene	16.111	105	203913	0.670	ppbv #	73
79) Naphthalene	21.394	128	21257	0.080	ppbv	97
80) Naphthalene,2-methyl-	24.390	142	7227	0.081	ppbv #	28

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

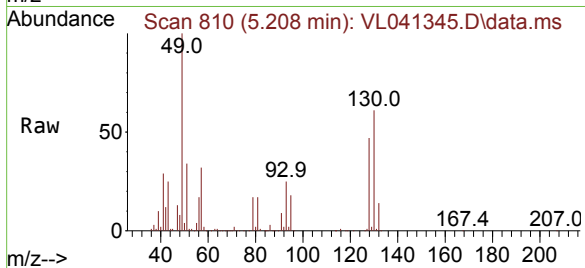
Quant Time: Jun 12 01:23:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jun 12 01:18:29 2024
Response via : Initial Calibration



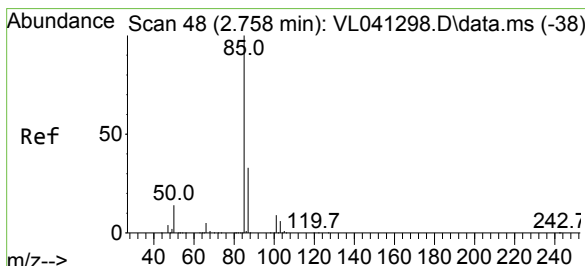
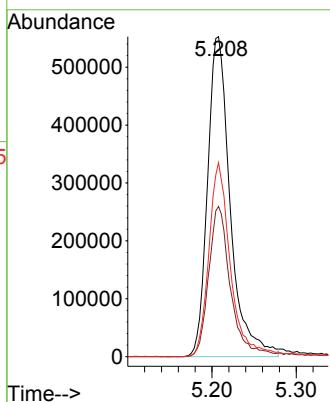
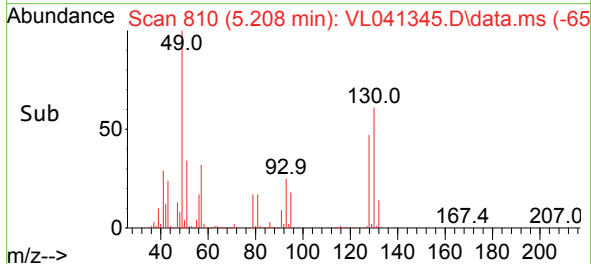


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041345.D
 Acq: 11 Jun 2024 13:36

Instrument :
 MSVOA_L
 ClientSampleId :

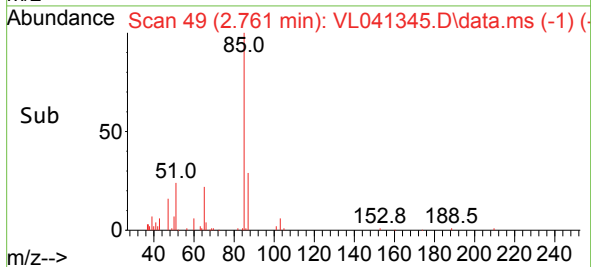
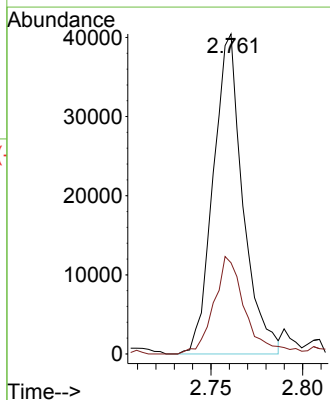
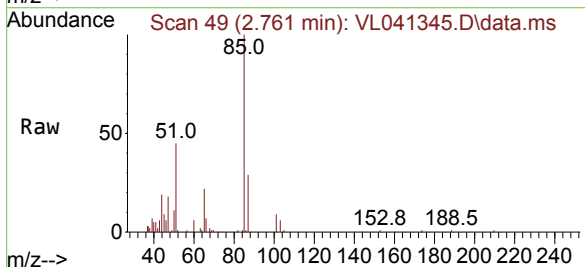


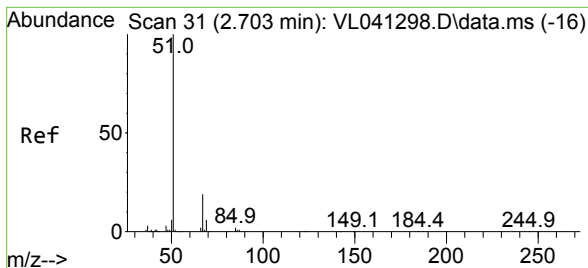
Tgt Ion: 49 Resp: 1034533
 Ion Ratio Lower Upper
 49 100
 128 45.9 22.8 68.3
 130 59.4 28.4 85.3



#2
 Dichlorodifluoromethane
 Concen: 0.275 ppbv
 RT: 2.761 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VL041345.D
 Acq: 11 Jun 2024 13:36

Tgt Ion: 85 Resp: 45373
 Ion Ratio Lower Upper
 85 100
 87 28.5 26.5 39.7

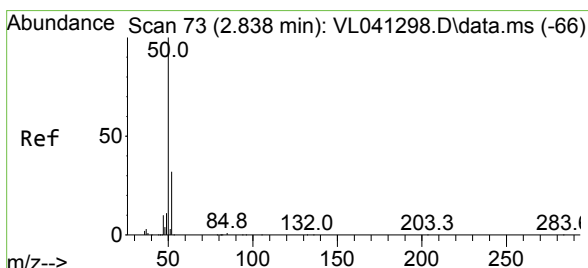
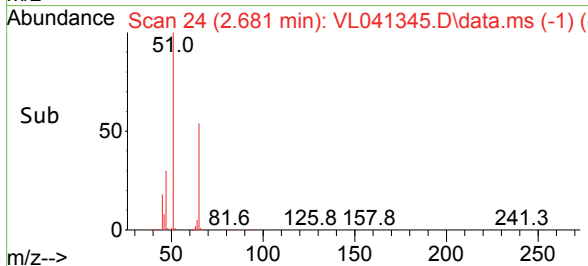
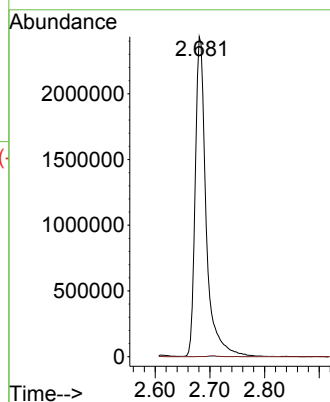
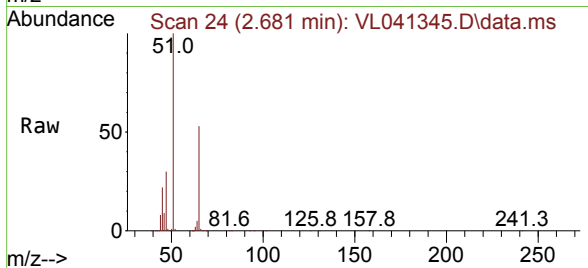




#3
Chlorodifluoromethane
Concen: 20.568 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.026 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

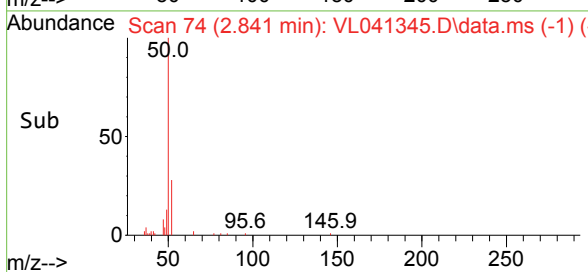
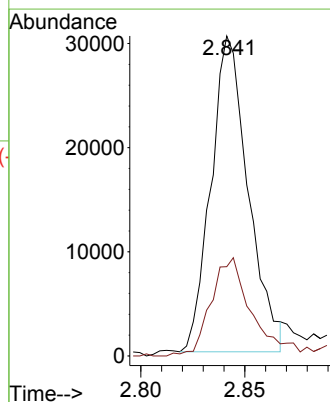
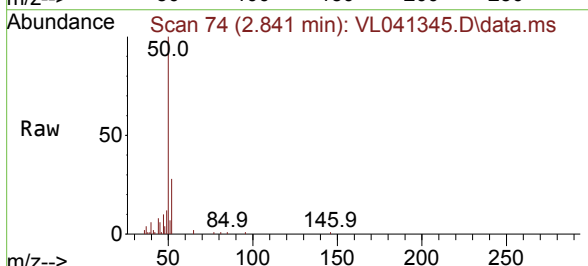
Instrument :
MSVOA_L
ClientSampleId :

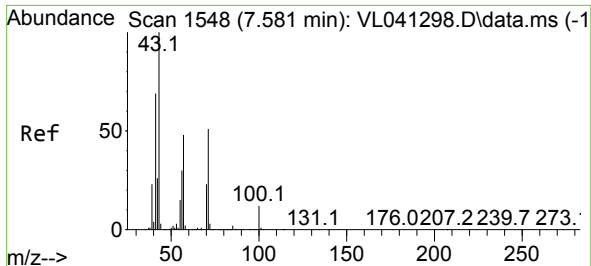
Tgt Ion: 51 Resp: 3362620
Ion Ratio Lower Upper
51 100
67 0.3 14.7 22.1#



#4
Chloromethane
Concen: 0.614 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 50 Resp: 37804
Ion Ratio Lower Upper
50 100
52 27.6 25.6 38.4

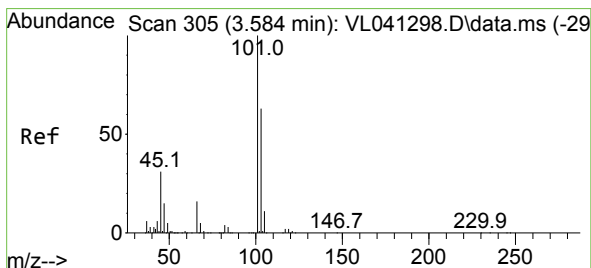
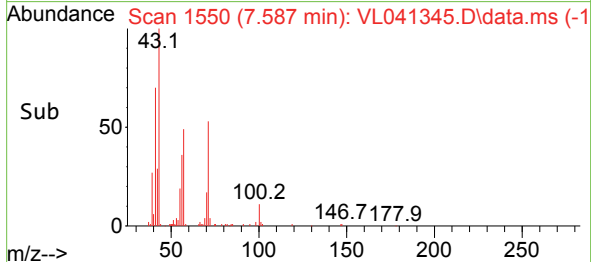
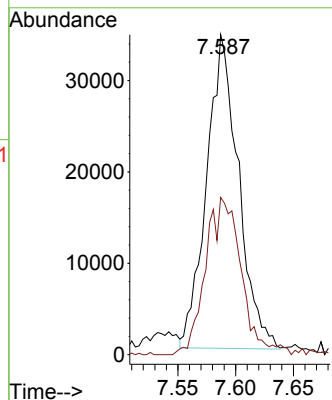
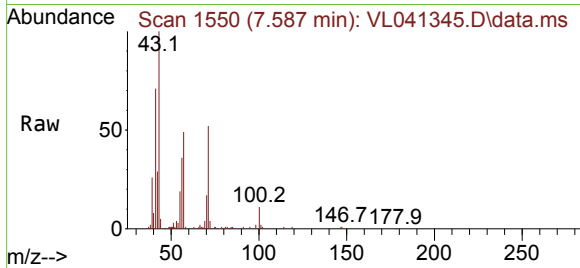




#10
Heptane
Concen: 0.478 ppbv
RT: 7.587 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

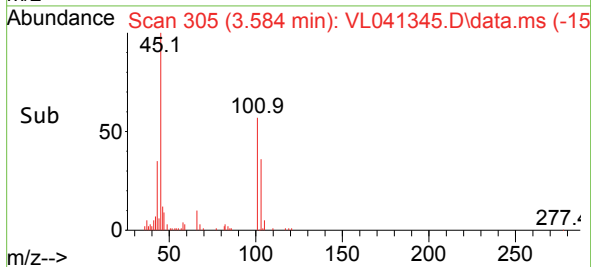
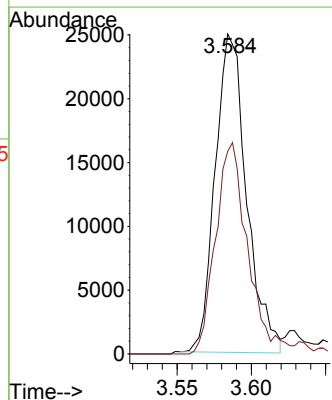
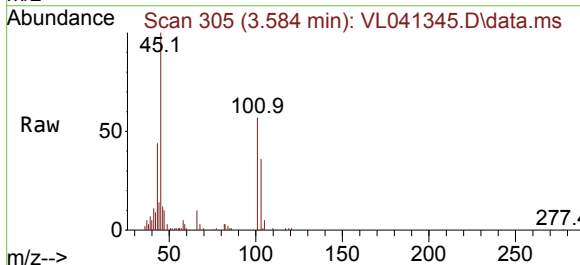
Instrument :
MSVOA_L
ClientSampleId :

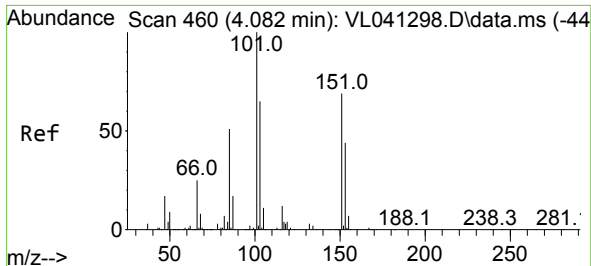
Tgt Ion: 43 Resp: 65921
Ion Ratio Lower Upper
43 100
57 57.0 39.0 58.4



#11
Trichlorofluoromethane
Concen: 0.241 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 101 Resp: 36674
Ion Ratio Lower Upper
101 100
103 63.8 50.6 76.0

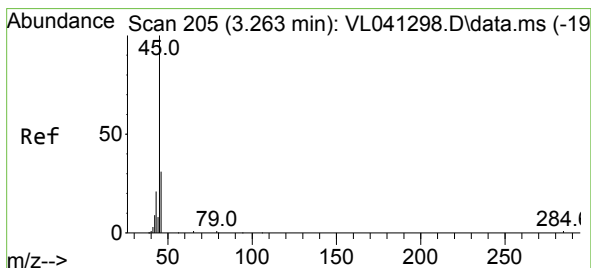
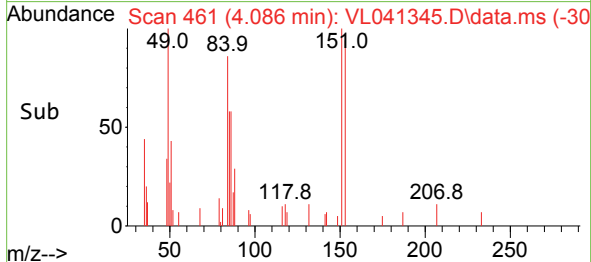
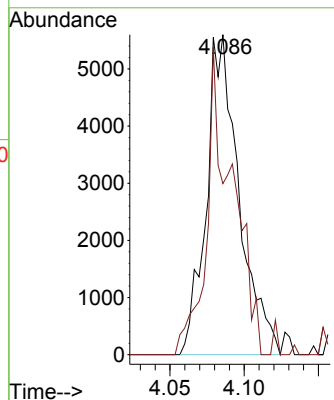
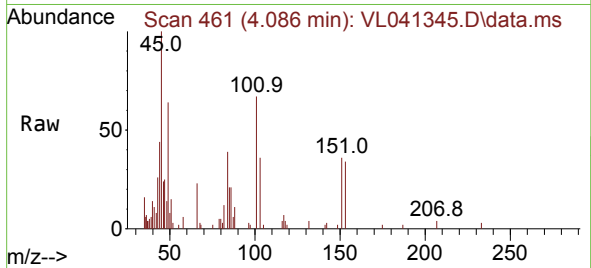




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.080 ppbv
RT: 4.086 min Scan# 40
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

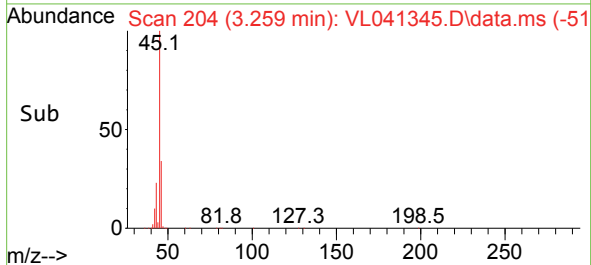
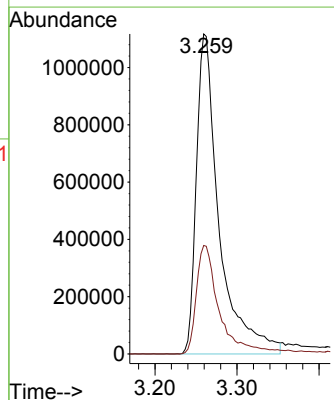
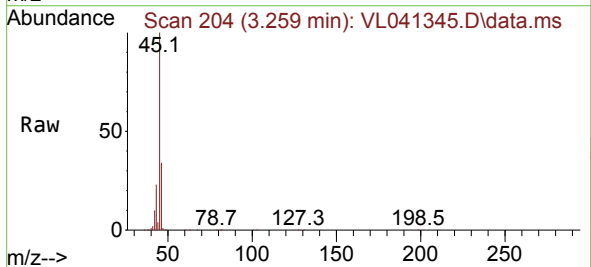
Instrument :
MSVOA_L
ClientSampleId :

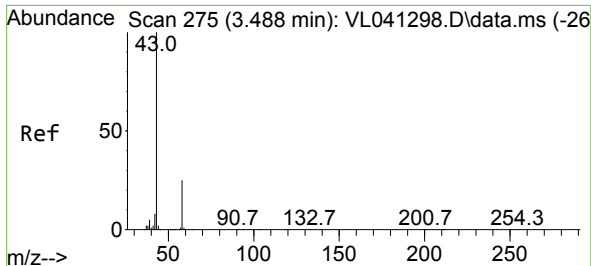
Tgt Ion:101 Resp: 8586
Ion Ratio Lower Upper
101 100
151 77.3 54.8 82.2



#13
Ethanol
Concen: 142.033 ppbv
RT: 3.259 min Scan# 204
Delta R.T. -0.010 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 45 Resp: 2151775
Ion Ratio Lower Upper
45 100
46 35.3 14.2 56.6

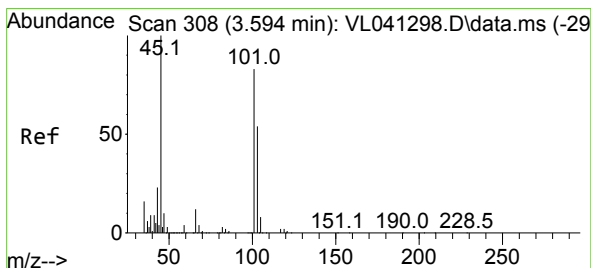
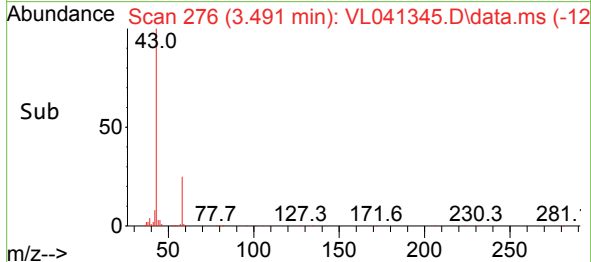
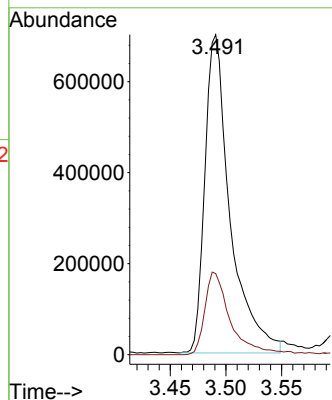
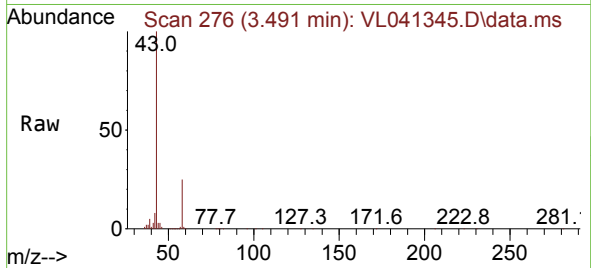




#15
Acetone
Concen: 9.362 ppbv
RT: 3.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

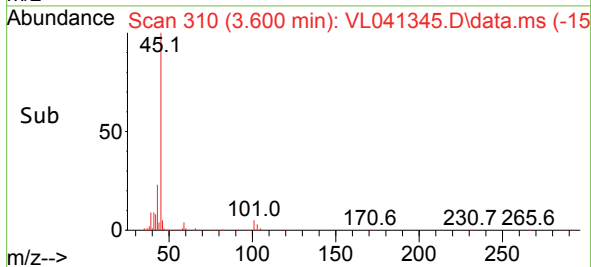
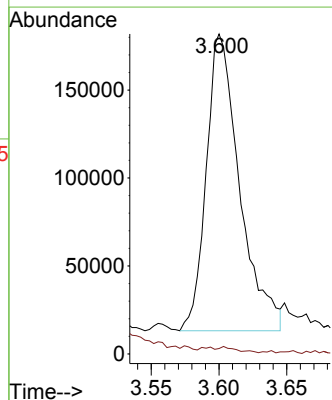
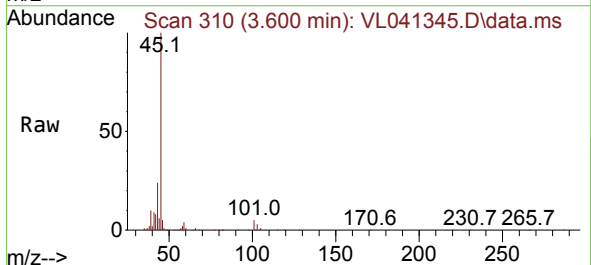
Instrument :
MSVOA_L
ClientSampleId :

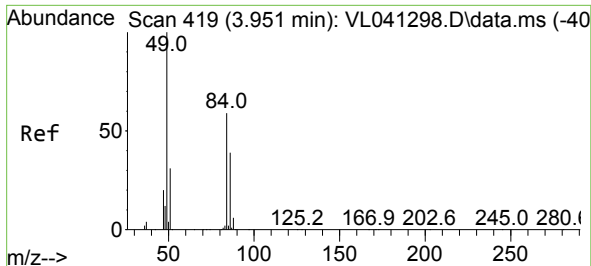
Tgt Ion: 43 Resp: 1105783
Ion Ratio Lower Upper
43 100
58 26.5 20.6 31.0



#19
Isopropyl Alcohol
Concen: 3.895 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

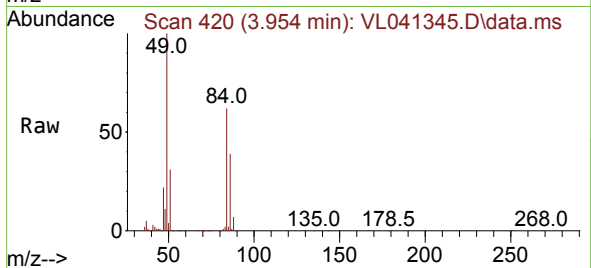
Tgt Ion: 45 Resp: 289006
Ion Ratio Lower Upper
45 100
58 104.2 1.4 2.2#





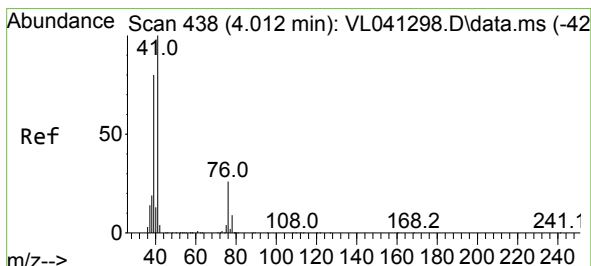
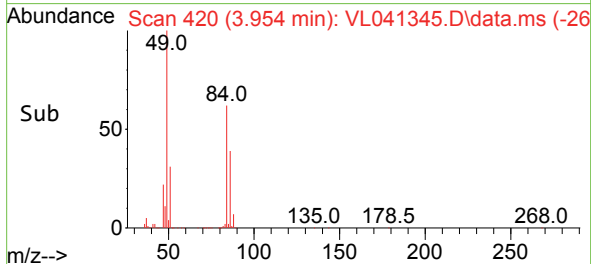
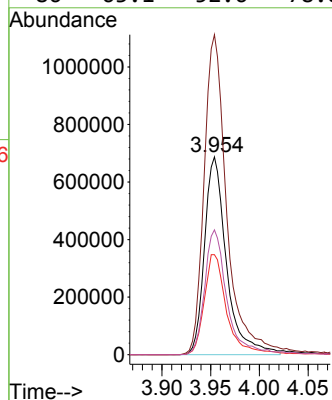
#20
Methylene Chloride
Concen: 25.208 ppbv
RT: 3.954 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 1082238

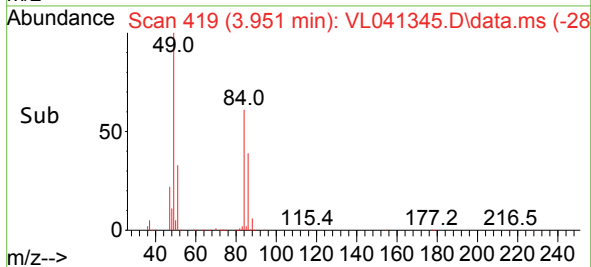
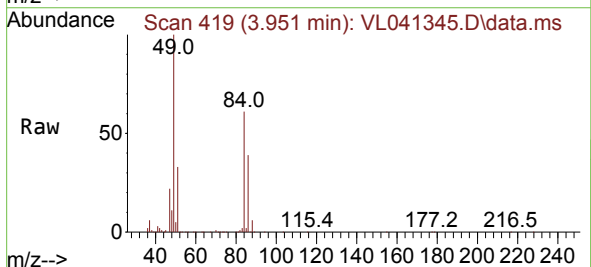
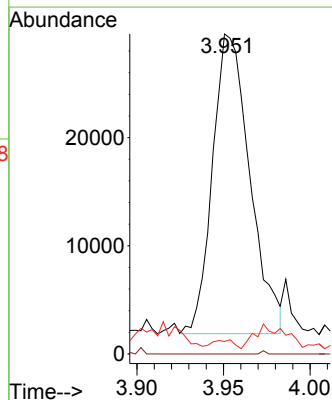
Ion	Ratio	Lower	Upper
84	100		
49	161.8	136.2	204.2
51	50.5	41.9	62.9
86	63.1	52.6	78.8

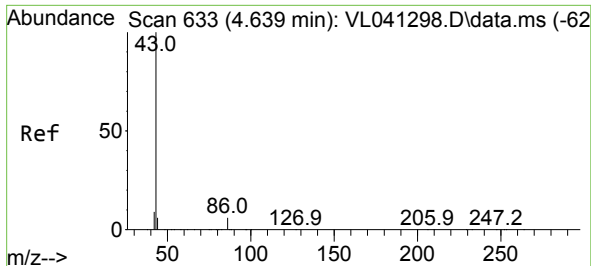


#21
Allyl Chloride
Concen: 0.555 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.067 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 41 Resp: 41536

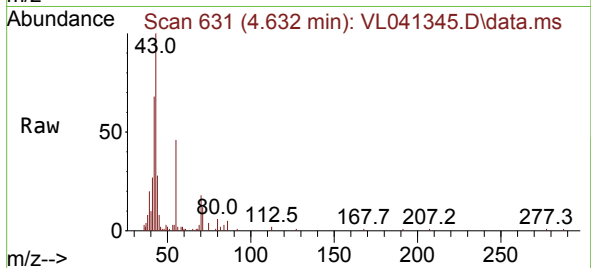
Ion	Ratio	Lower	Upper
41	100		
76	0.6	22.3	33.5#
39	0.0	66.3	99.5#



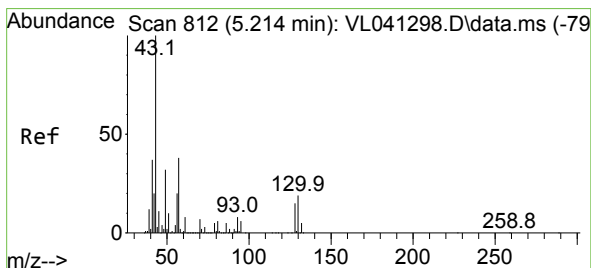
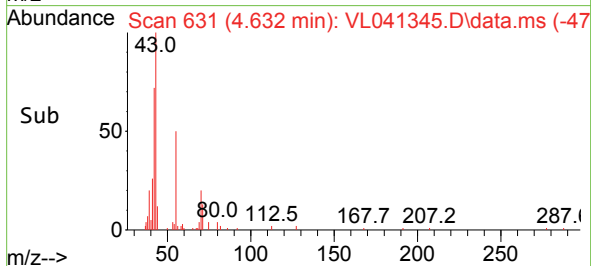
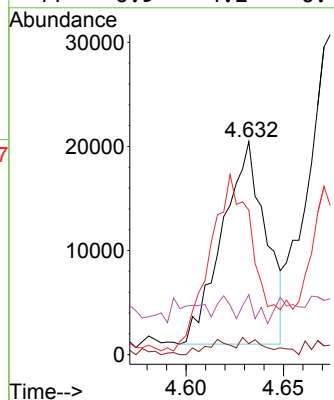


#23
 Vinyl Acetate
 Concen: 0.248 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL041345.D
 Acq: 11 Jun 2024 13:36

Instrument :
 MSVOA_L
 ClientSampleId :

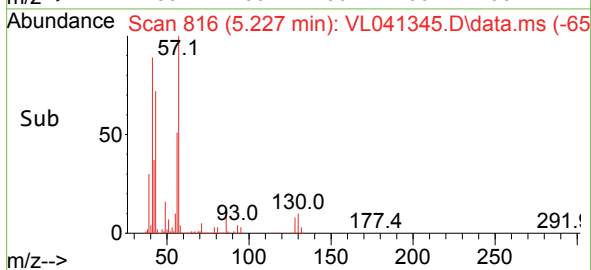
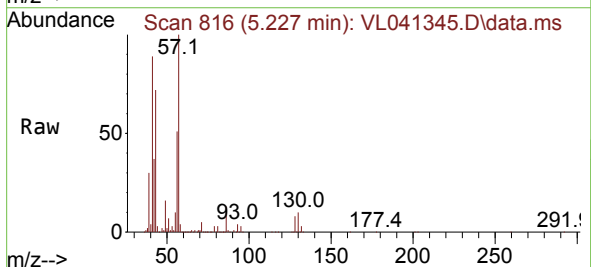
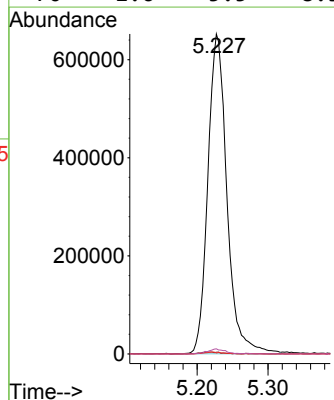


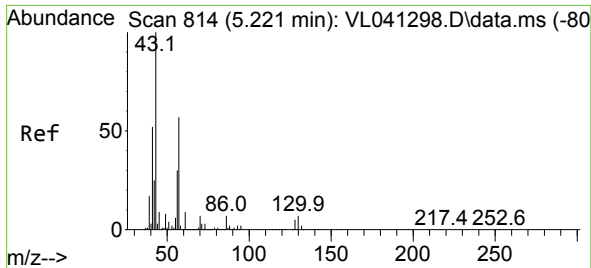
Tgt Ion: 43	Resp: 29974
Ion Ratio	Lower Upper
43 100	
86 5.4	4.7 7.1
42 64.9	8.0 12.0#
44 6.9	4.2 6.4#



#25
 Ethyl Acetate
 Concen: 5.205 ppbv
 RT: 5.227 min Scan# 816
 Delta R.T. 0.006 min
 Lab File: VL041345.D
 Acq: 11 Jun 2024 13:36

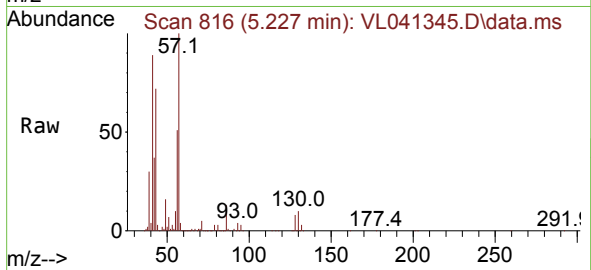
Tgt Ion: 43	Resp: 1216276
Ion Ratio	Lower Upper
43 100	
45 0.8	8.1 12.1#
61 0.6	7.4 11.0#
70 1.6	5.5 8.3#



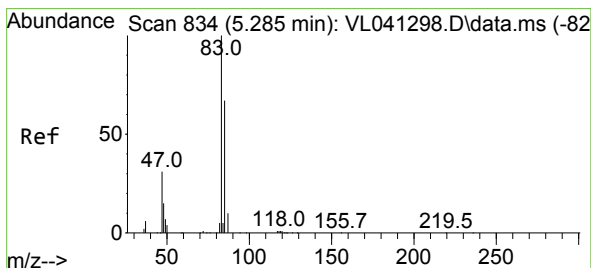
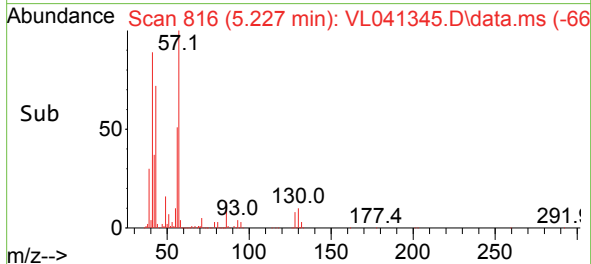
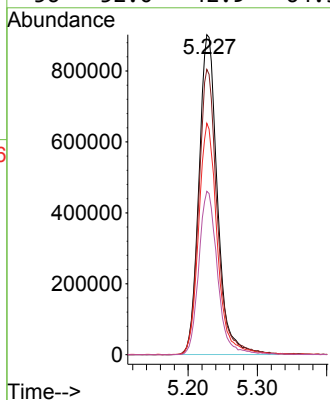


#26
Hexane
Concen: 15.892 ppbv
RT: 5.227 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Instrument :
MSVOA_L
ClientSampleId :

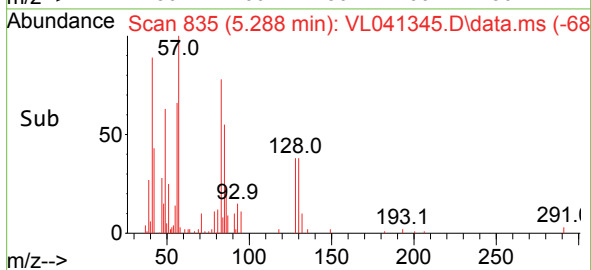
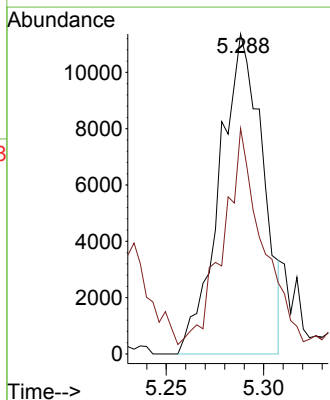
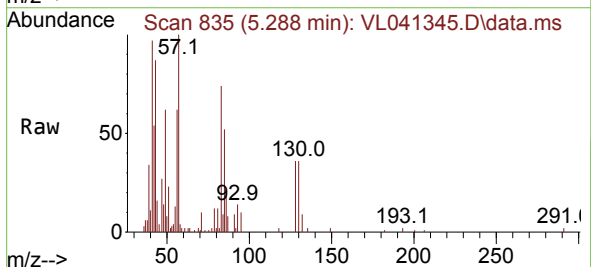


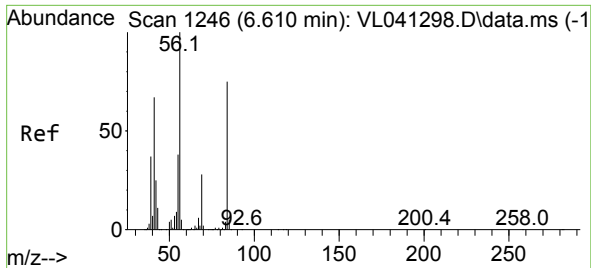
Tgt Ion: 57 Resp: 1669996
Ion Ratio Lower Upper
57 100
41 90.4 77.1 115.7
43 73.3 186.1 279.1#
56 52.0 42.9 64.3



#29
Chloroform
Concen: 0.108 ppbv
RT: 5.288 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 83 Resp: 17486
Ion Ratio Lower Upper
83 100
85 67.5 53.3 79.9

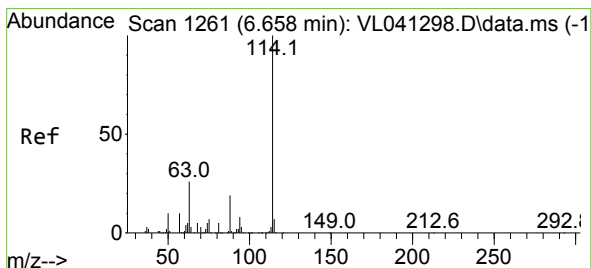
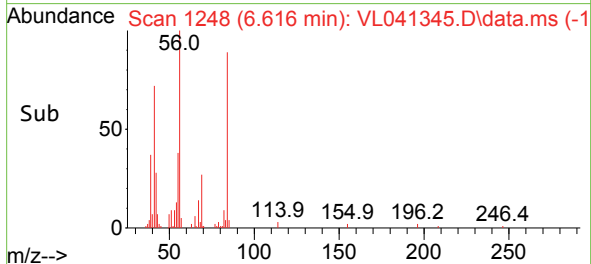
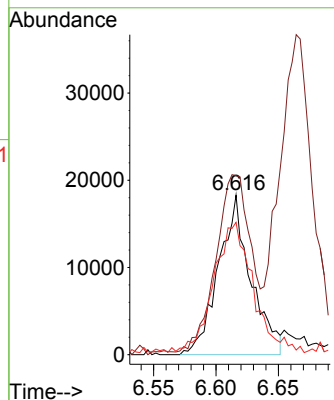
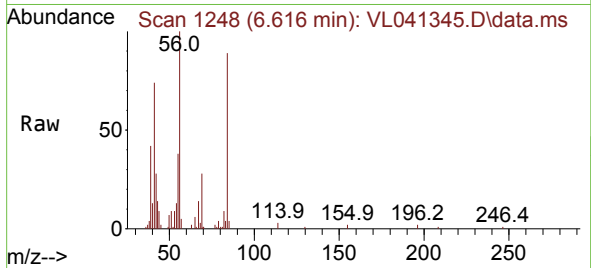




#30
Cyclohexane
Concen: 0.387 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

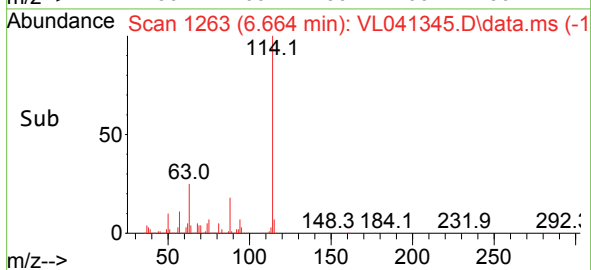
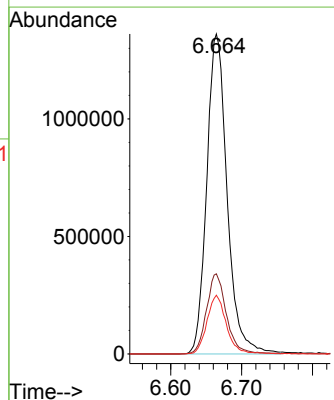
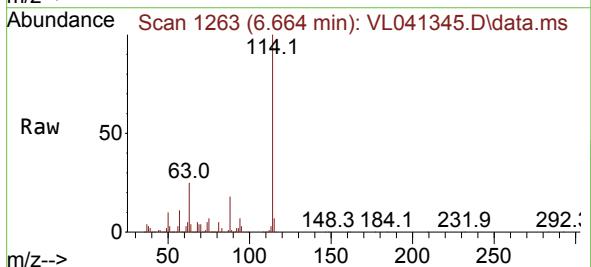
Instrument :
MSVOA_L
ClientSampleId :

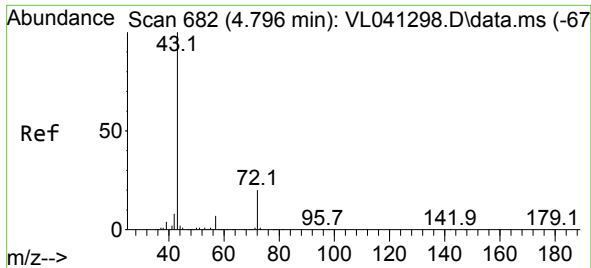
Tgt Ion: 84 Resp: 33003
Ion Ratio Lower Upper
84 100
56 120.5 114.9 172.3
41 98.5 74.4 111.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 114 Resp: 2719634
Ion Ratio Lower Upper
114 100
63 24.8 20.6 30.8
88 17.6 14.5 21.7

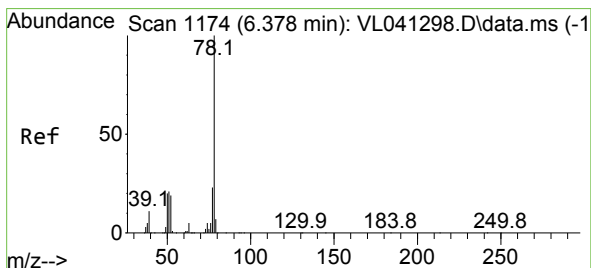
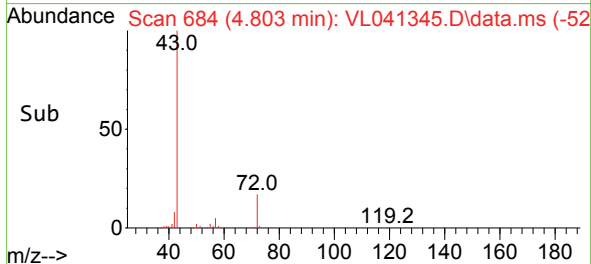
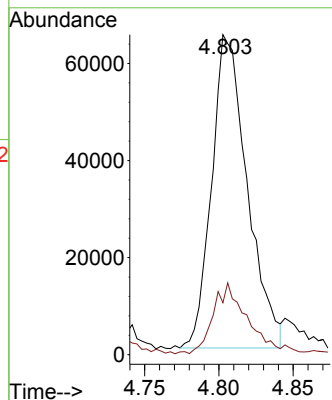
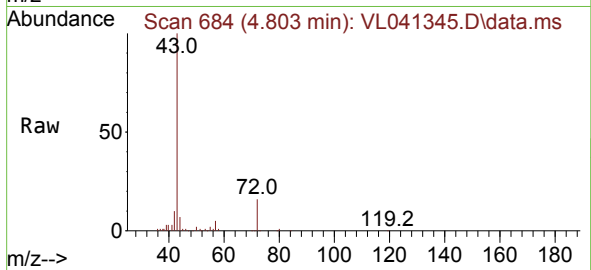




#34
2-Butanone
Concen: 0.825 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

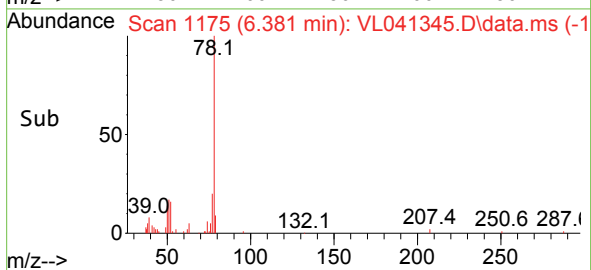
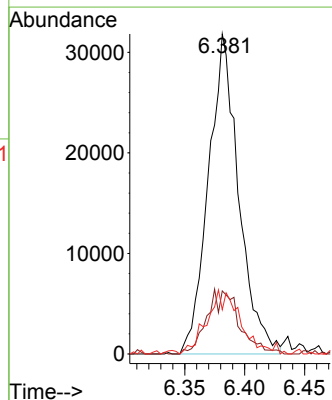
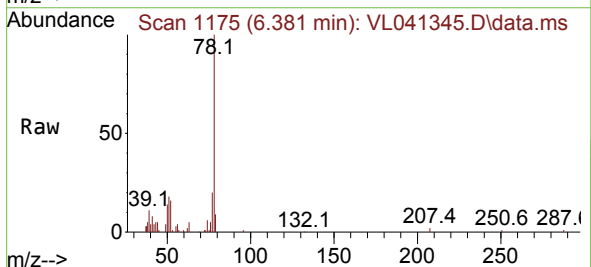
Instrument :
MSVOA_L
ClientSampleId :

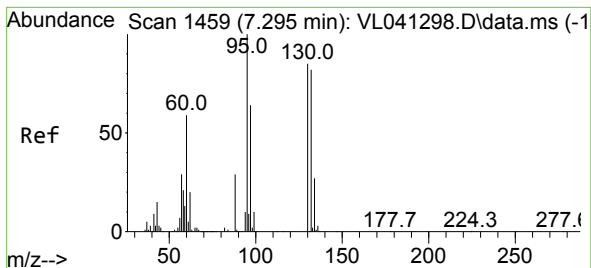
Tgt Ion: 43 Resp: 107547
Ion Ratio Lower Upper
43 100
72 23.7 17.4 26.0



#36
Benzene
Concen: 0.266 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 78 Resp: 55973
Ion Ratio Lower Upper
78 100
77 19.7 18.6 28.0
50 13.8 16.0 24.0#





#38

Trichloroethene

Concen: 1.412 ppbv

RT: 7.304 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:130 Resp: 120661

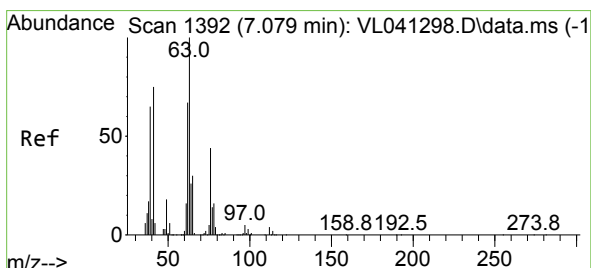
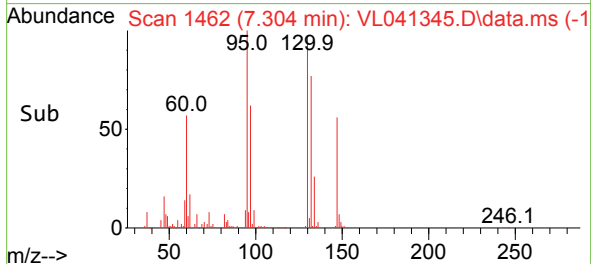
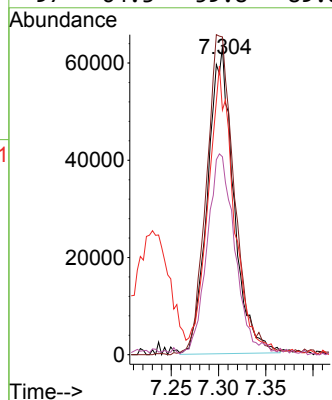
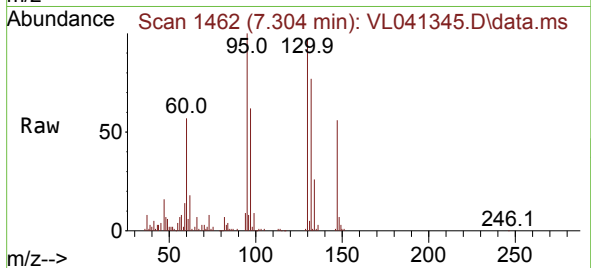
Ion Ratio Lower Upper

130 100

95 103.1 94.0 141.0

132 78.0 76.7 115.1

97 64.3 59.8 89.8



#39

1,2-Dichloropropane

Concen: 7.855 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. -0.424 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

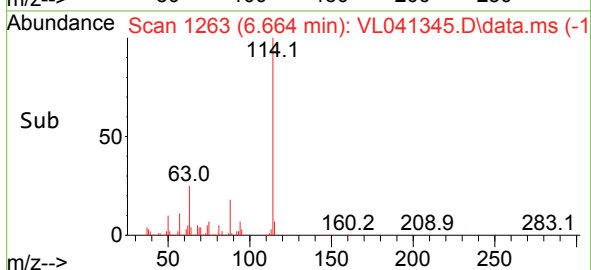
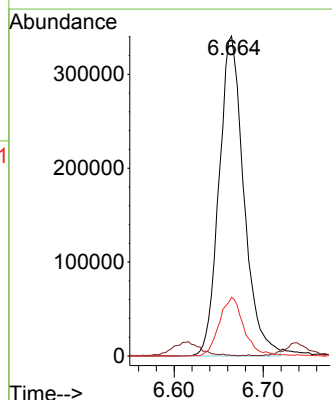
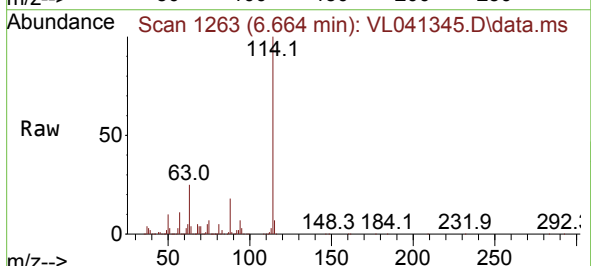
Tgt Ion: 63 Resp: 659312

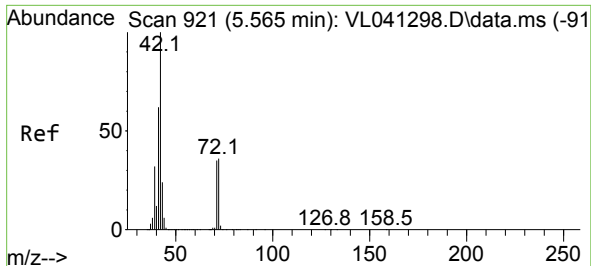
Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

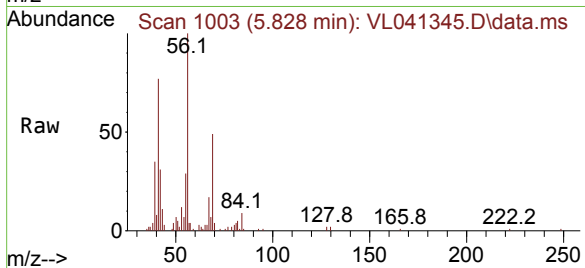
62 18.3 53.8 80.6#



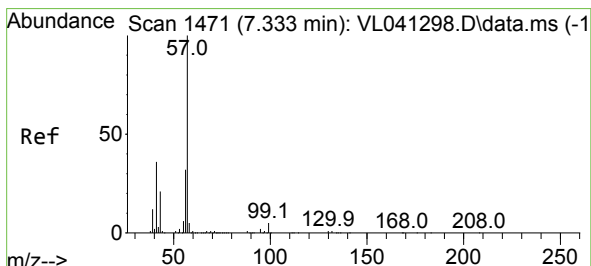
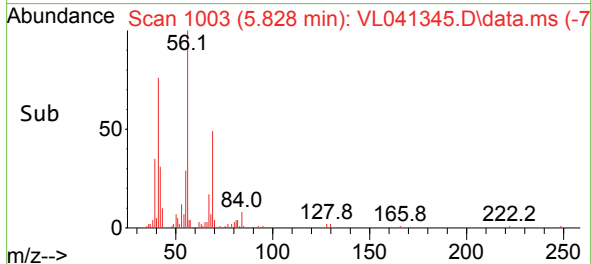
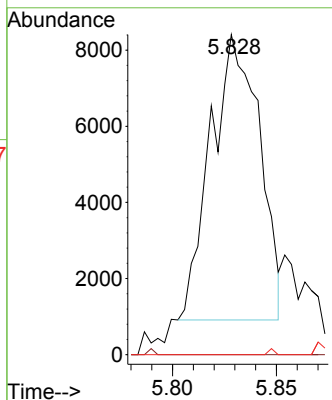


#41
Tetrahydrofuran
Concen: 0.144 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.254 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Instrument :
MSVOA_L
ClientSampleId :

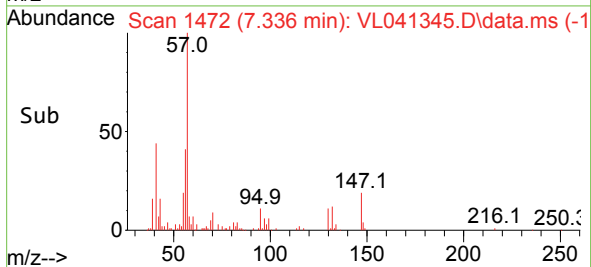
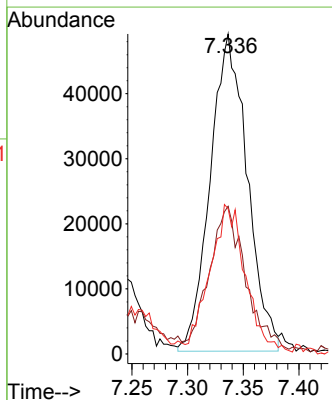
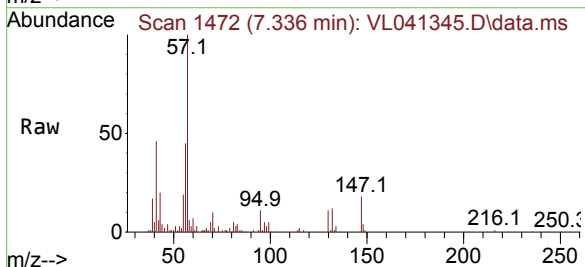


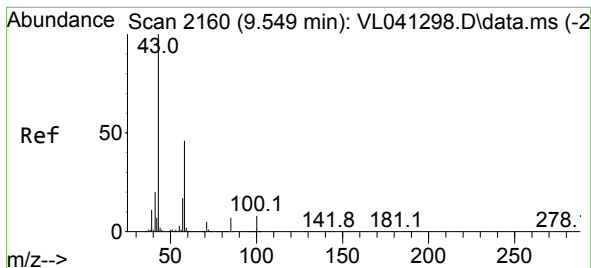
Tgt Ion: 42 Resp: 12248
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.311 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 57 Resp: 112671
Ion Ratio Lower Upper
57 100
41 47.8 29.4 44.2#
56 47.2 25.0 37.4#





#51

2-Hexanone

Concen: 0.084 ppbv

RT: 9.539 min Scan# 2160

Delta R.T. -0.019 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

ClientSampleId :

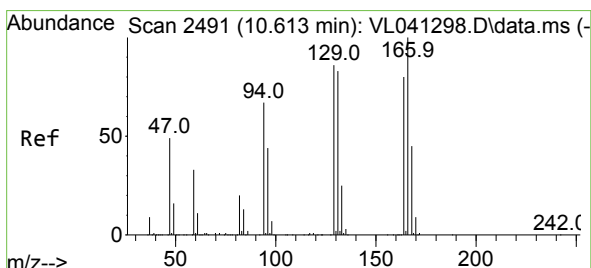
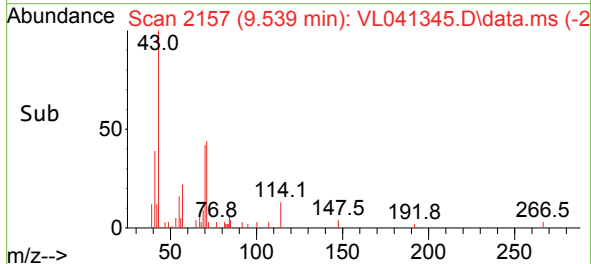
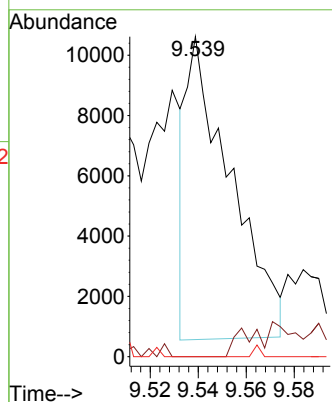
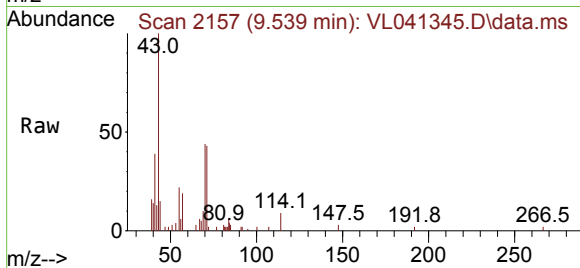
Tgt Ion: 43 Resp: 12858

Ion Ratio Lower Upper

43 100

58 0.0 37.4 56.0#

98 0.0 0.2 0.4#



#52

Tetrachloroethene

Concen: 1.948 ppbv

RT: 10.626 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Tgt Ion:164 Resp: 149755

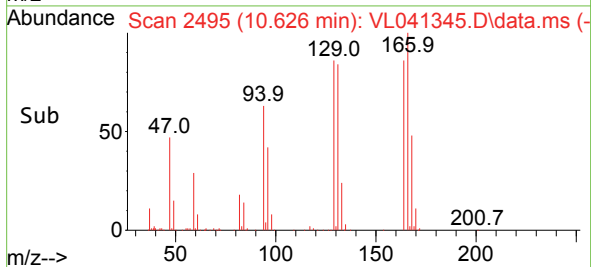
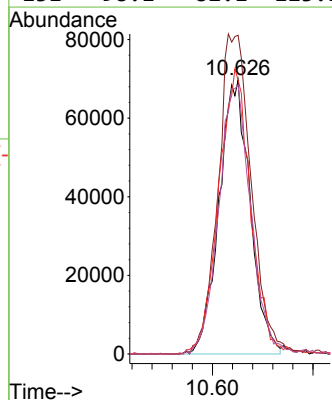
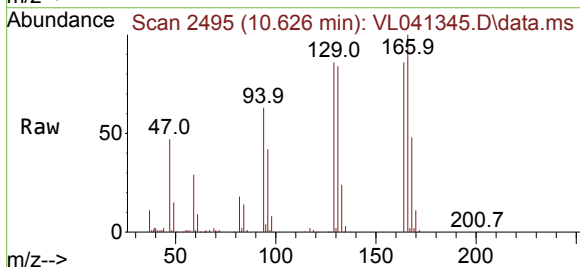
Ion Ratio Lower Upper

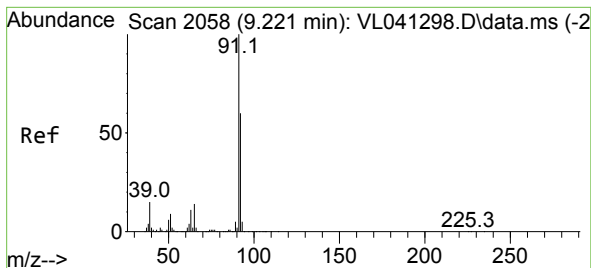
164 100

166 116.3 99.4 149.0

129 99.5 85.4 128.2

131 98.1 82.1 123.1





#53

Toluene

Concen: 0.973 ppbv

RT: 9.230 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

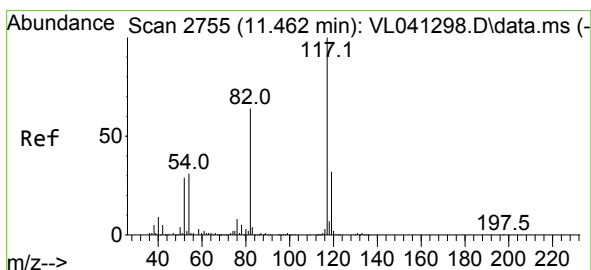
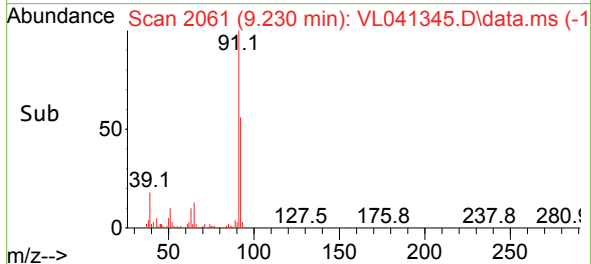
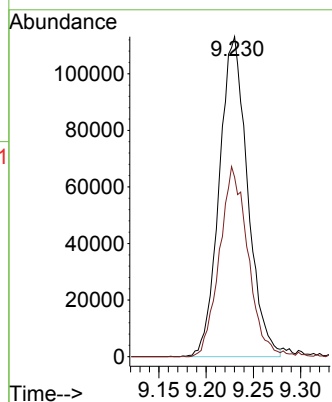
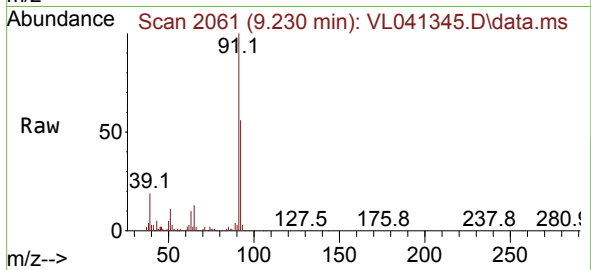
ClientSampleId :

Tgt Ion: 91 Resp: 235804

Ion Ratio Lower Upper

91 100

92 60.1 49.2 73.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.003 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

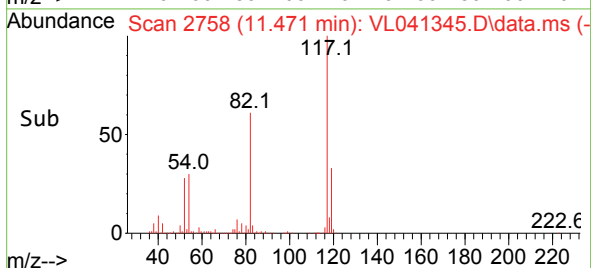
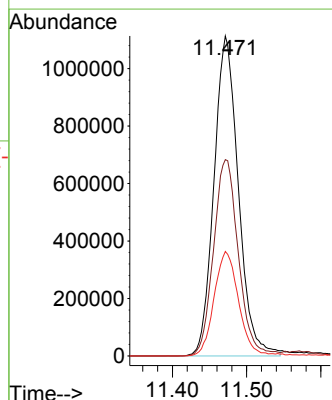
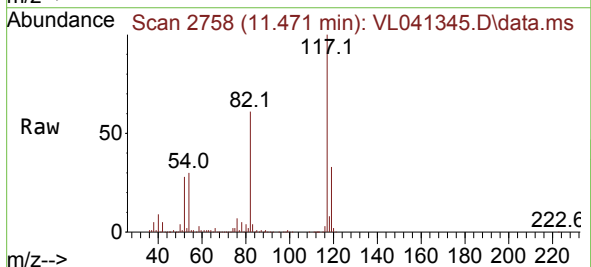
Tgt Ion: 117 Resp: 2542277

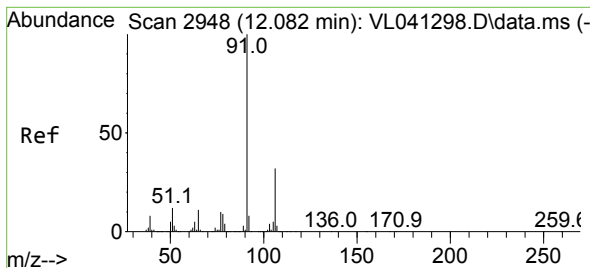
Ion Ratio Lower Upper

117 100

82 63.0 52.3 78.5

119 33.3 26.2 39.2





#58

Ethyl Benzene

Concen: 0.176 ppbv

RT: 12.092 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

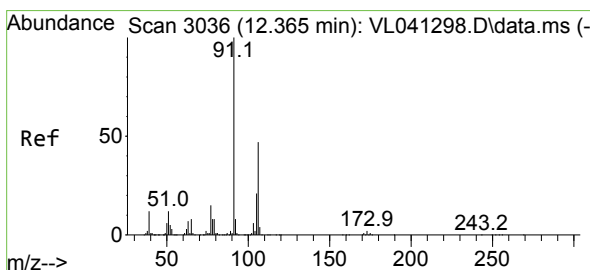
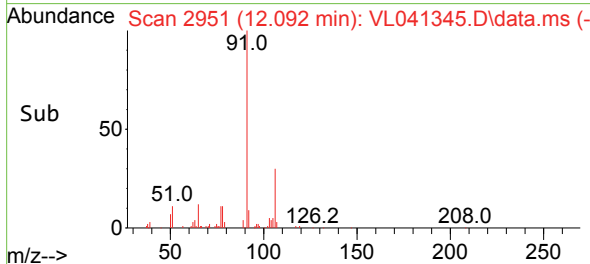
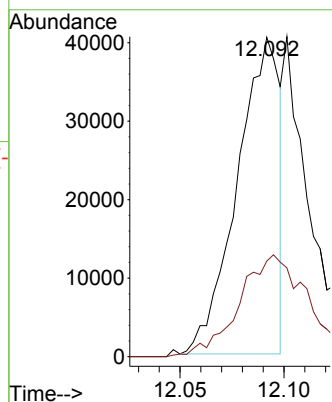
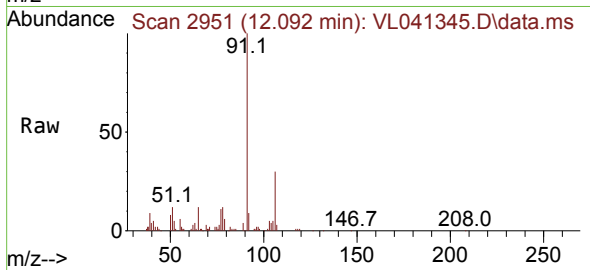
ClientSampleId :

Tgt Ion: 91 Resp: 57247

Ion Ratio Lower Upper

91 100

106 29.3 25.5 38.3



#59

m/p-Xylene

Concen: 0.151 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL041345.D

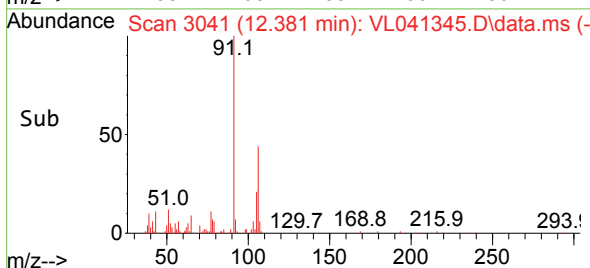
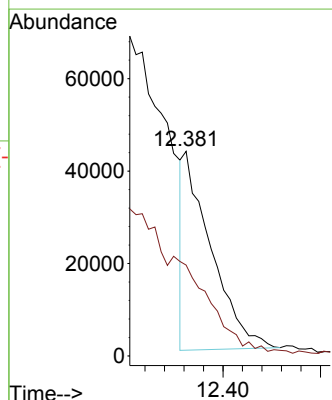
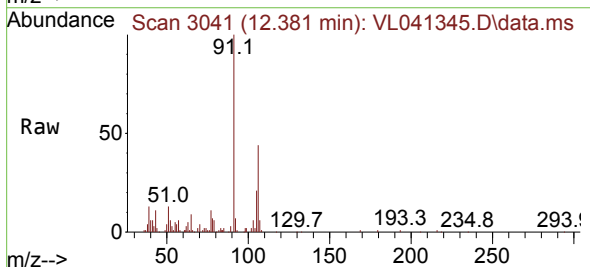
Acq: 11 Jun 2024 13:36

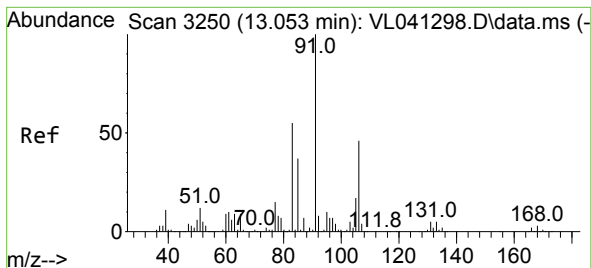
Tgt Ion: 91 Resp: 42236

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#





#60

o-Xylene

Concen: 0.183 ppbv

RT: 13.060 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

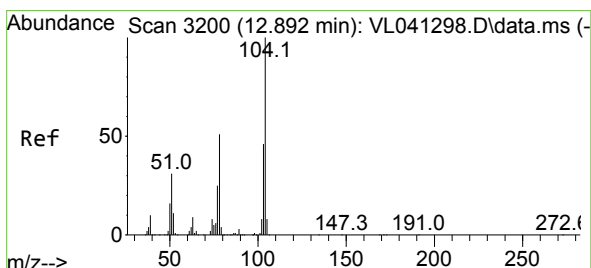
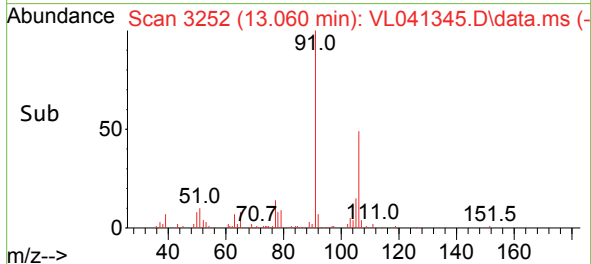
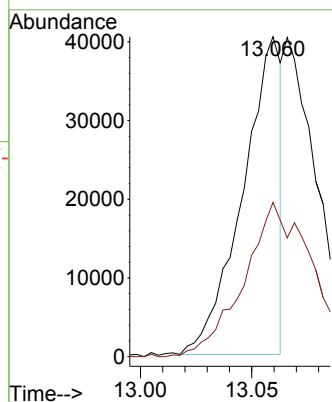
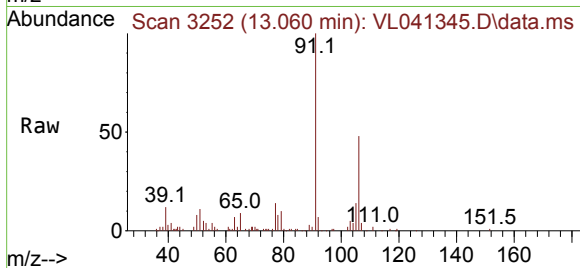
ClientSampleId :

Tgt Ion: 91 Resp: 48665

Ion Ratio Lower Upper

91 100

106 91.0 22.8 68.4#



#61

Styrene

Concen: 0.042 ppbv

RT: 12.902 min Scan# 3203

Delta R.T. -0.003 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

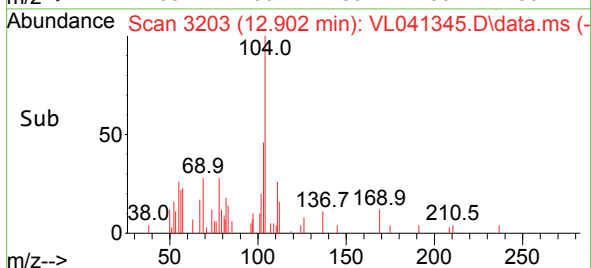
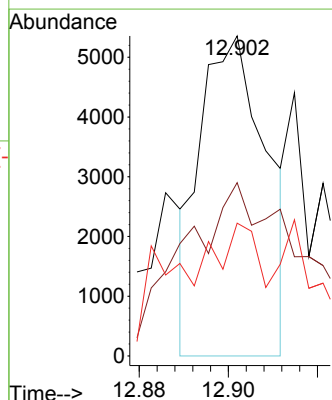
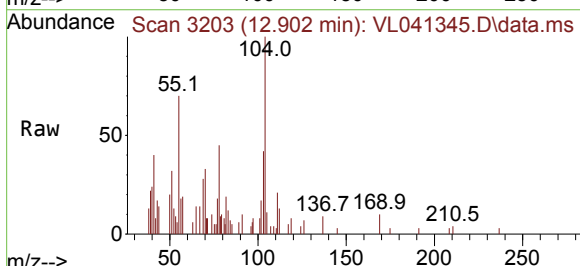
Tgt Ion: 104 Resp: 5493

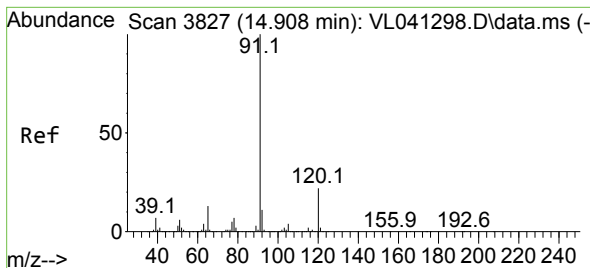
Ion Ratio Lower Upper

104 100

78 122.1 42.2 63.4#

103 0.0 37.9 56.9#





#64

n-propylbenzene

Concen: 0.077 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. -0.003 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

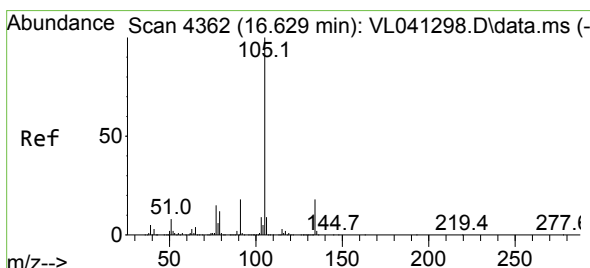
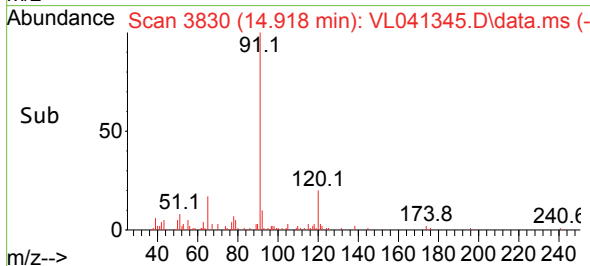
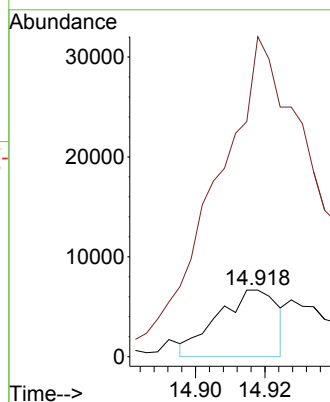
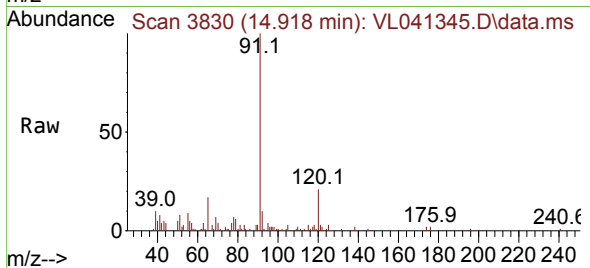
ClientSampleId :

Tgt Ion:120 Resp: 8039

Ion Ratio Lower Upper

120 100

91 867.4 374.2 561.2#



#67

sec-Butylbenzene

Concen: 0.031 ppbv

RT: 16.641 min Scan# 4366

Delta R.T. 0.000 min

Lab File: VL041345.D

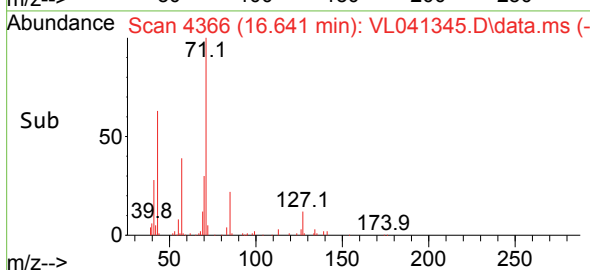
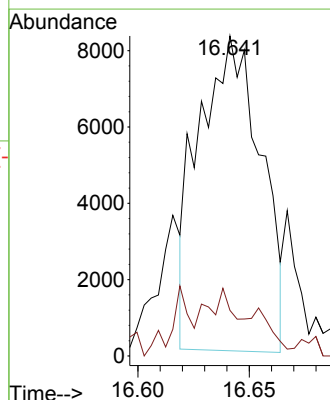
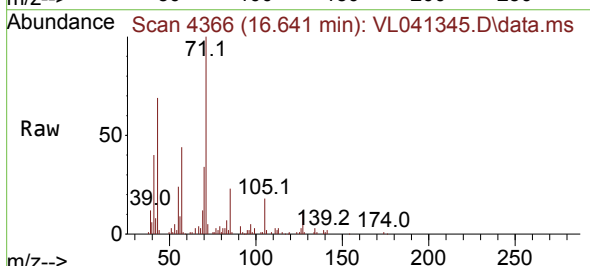
Acq: 11 Jun 2024 13:36

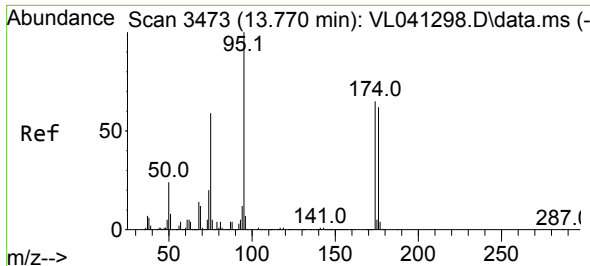
Tgt Ion:105 Resp: 15924

Ion Ratio Lower Upper

105 100

134 0.0 14.3 21.5#

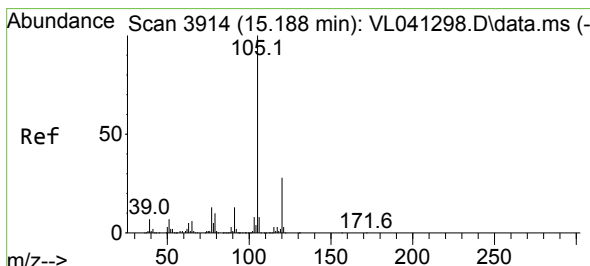
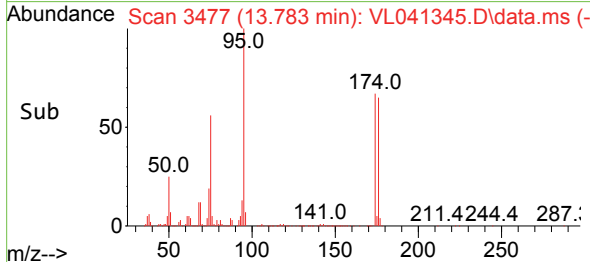
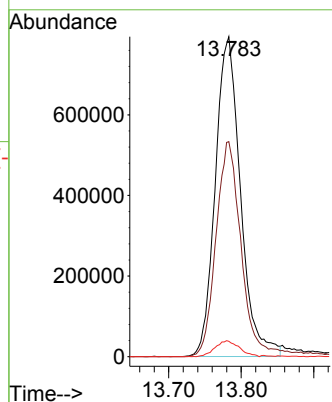
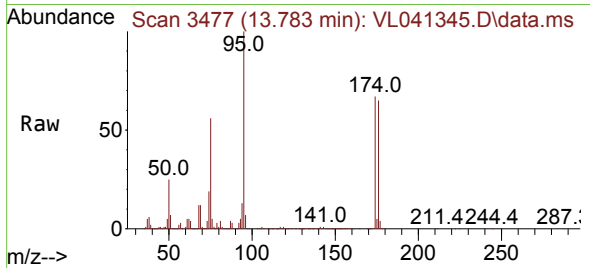




#68
1-Bromo-4-Fluorobenzene
Concen: 9.770 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

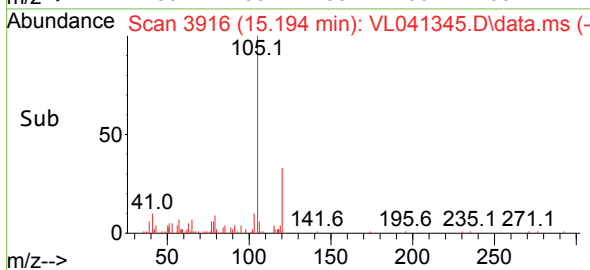
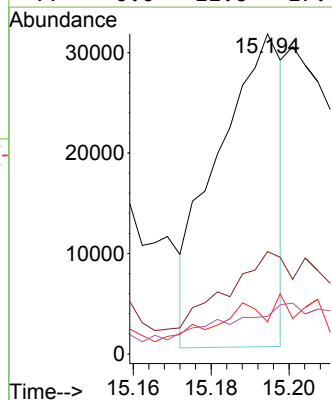
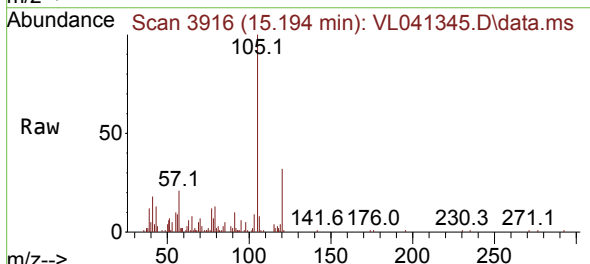
Instrument :
MSVOA_L
ClientSampleId :

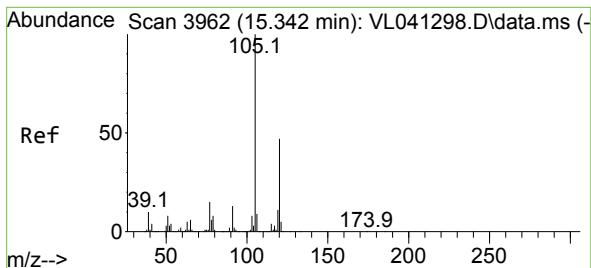
Tgt Ion: 95 Resp: 1917653
Ion Ratio Lower Upper
95 100
174 69.3 52.2 78.2
175 4.9 4.1 6.1



#72
4-Ethyltoluene
Concen: 0.115 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041345.D
Acq: 11 Jun 2024 13:36

Tgt Ion: 105 Resp: 35648
Ion Ratio Lower Upper
105 100
120 68.9 23.7 35.5#
91 0.0 10.6 16.0#
77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.197 ppbv

RT: 15.358 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

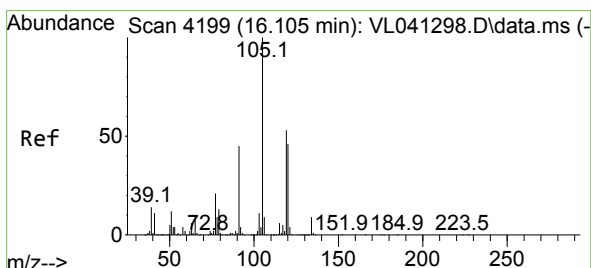
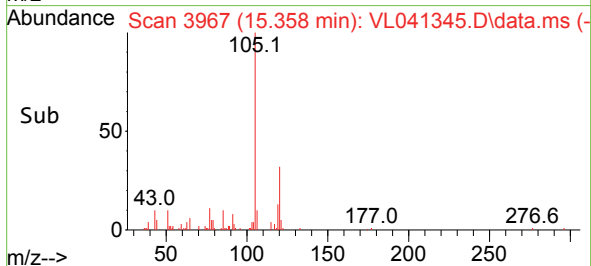
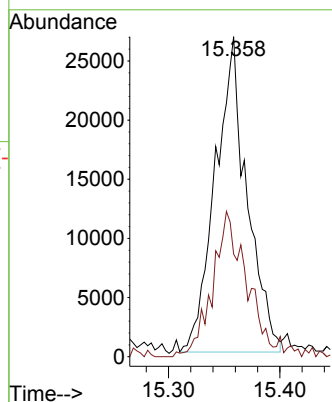
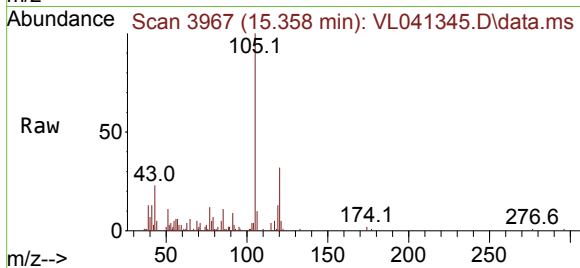
ClientSampleId :

Tgt Ion:105 Resp: 52969

Ion Ratio Lower Upper

105 100

120 31.4 37.8 56.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.670 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.000 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Tgt Ion:105 Resp: 203913

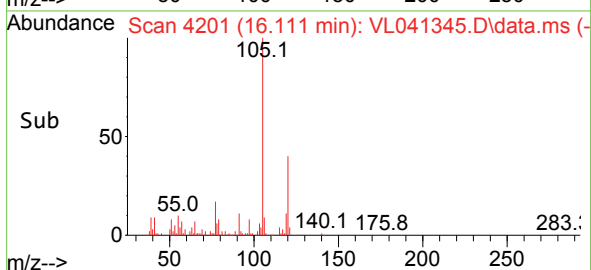
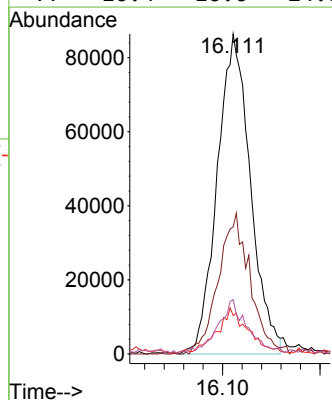
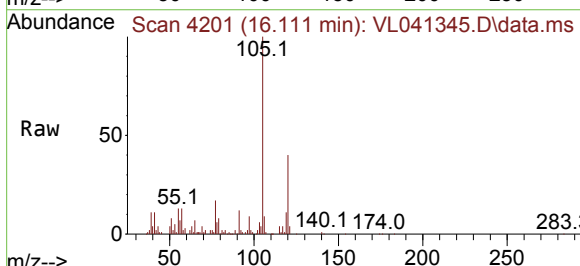
Ion Ratio Lower Upper

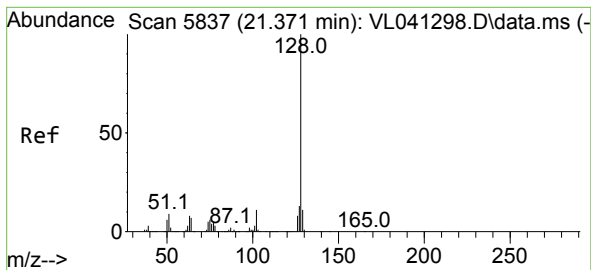
105 100

120 39.7 37.0 55.6

91 11.3 36.2 54.4#

77 16.4 16.6 24.8#





#79

Naphthalene

Concen: 0.080 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. 0.006 min

Lab File: VL041345.D

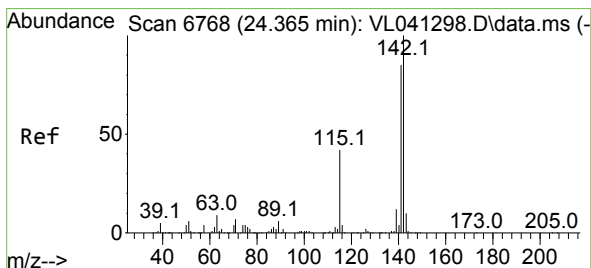
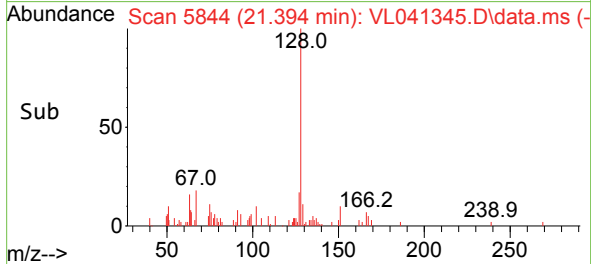
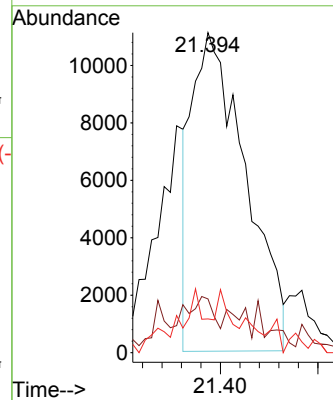
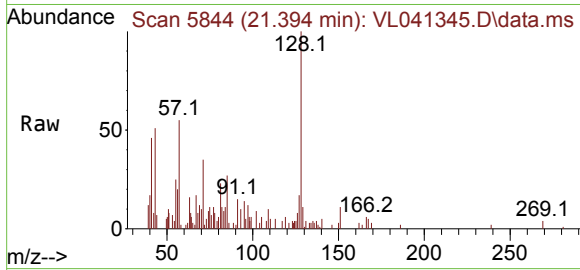
Acq: 11 Jun 2024 13:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	21257
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.5 15.7
129	12.4	9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 0.081 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.013 min

Lab File: VL041345.D

Acq: 11 Jun 2024 13:36

Tgt Ion:142	Resp:	7227
Ion Ratio	Lower	Upper
142	100	
141	107.9	68.5 102.7#
115	147.3	32.6 49.0#

