

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041054.D
 Acq On : 9 Feb 2024 12:23
 Operator : SY/MD
 Sample : P1420-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS3

Quant Time: Feb 12 00:45:17 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Mon Feb 12 00:40:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1255804	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3437275	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3206783	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	2536412	10.472	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.700%

Target Compounds

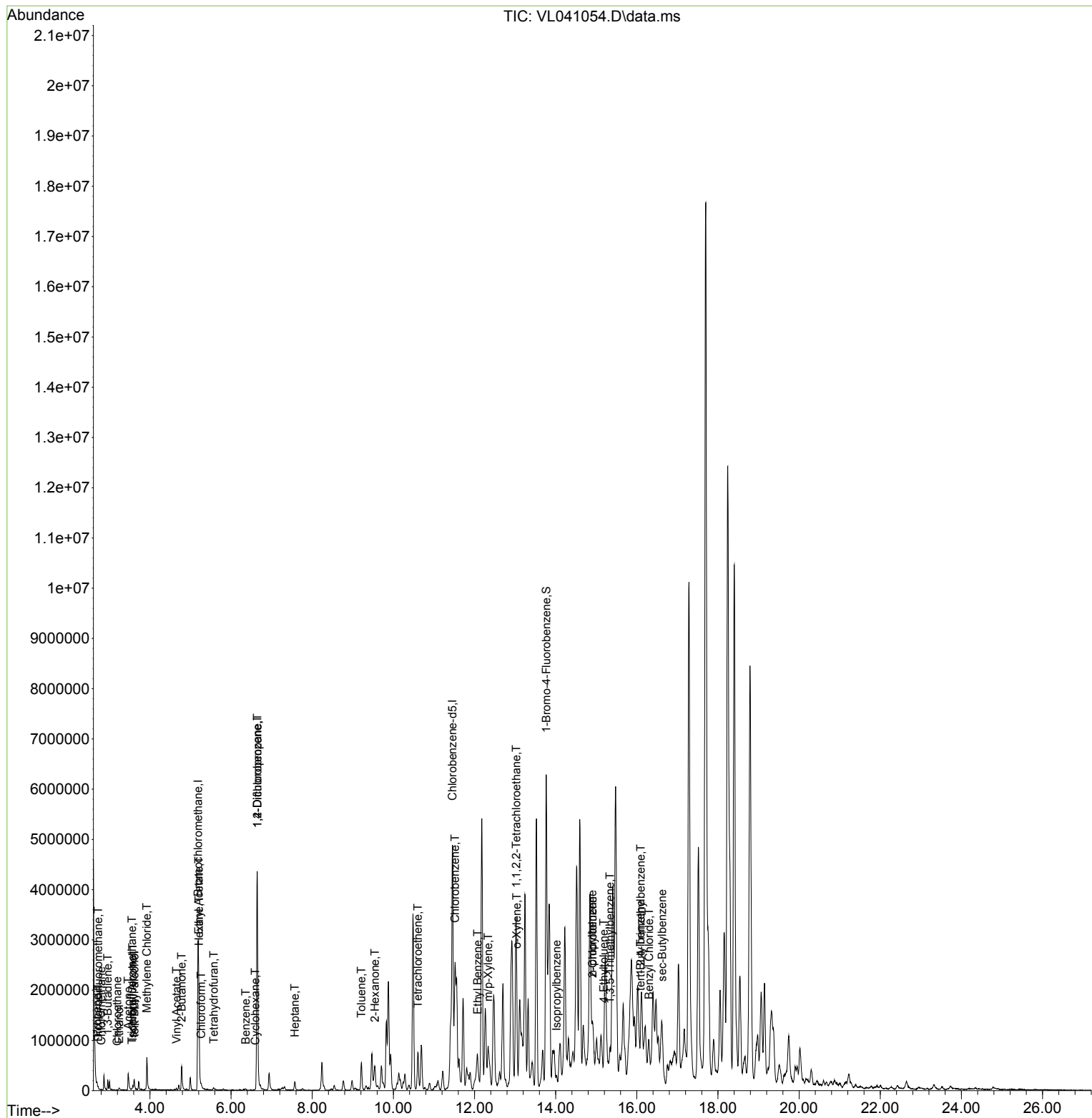
						Qvalue
2) Dichlorodifluoromethane	2.726	85	26931	0.097	ppbv	95
4) Chloromethane	2.803	50	3049	0.039	ppbv	91
7) Chloroethane	3.192	64	959	0.034	ppbv #	60
9) Propene	2.693	41	30335	0.438	ppbv #	79
10) Heptane	7.568	43	72910	0.428	ppbv	100
11) Trichlorofluoromethane	3.555	101	6378	0.029	ppbv #	73
13) Ethanol	3.240	45	41268	2.499	ppbv	93
15) Acetone	3.465	43	341068	2.124	ppbv #	83
16) 1,3-Butadiene	2.960	39	48609	0.633	ppbv #	18
17) tert-Butyl alcohol	3.619	59	5412	0.041	ppbv	97
19) Isopropyl Alcohol	3.578	45	81264	0.874	ppbv #	81
20) Methylene Chloride	3.925	84	210604	3.408	ppbv	94
23) Vinyl Acetate	4.655	43	7595	0.046	ppbv #	72
25) Ethyl Acetate	5.205	43	430926	1.480	ppbv #	76
26) Hexane	5.208	57	619137	4.988	ppbv #	39
29) Chloroform	5.262	83	13425	0.061	ppbv	90
30) Cyclohexane	6.597	84	2312	0.022	ppbv #	1
34) 2-Butanone	4.780	43	554228	3.384	ppbv	99
36) Benzene	6.359	78	18037	0.064	ppbv #	88
39) 1,2-Dichloropropane	6.645	63	823230	7.361	ppbv #	24
41) Tetrahydrofuran	5.574	42	8480	0.076	ppbv #	1
51) 2-Hexanone	9.545	43	463820	2.231	ppbv #	86
52) Tetrachloroethene	10.603	164	119464	1.267	ppbv	91
53) Toluene	9.211	91	440439	1.416	ppbv	99
57) Chlorobenzene	11.516	112	55662	0.216	ppbv #	34
58) Ethyl Benzene	12.079	91	197241	0.458	ppbv	97
59) m/p-Xylene	12.336	91	610606	1.626	ppbv	93
60) o-Xylene	13.043	91	143891	0.399	ppbv #	31
62) Isopropylbenzene	14.021	105	77552	0.146	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	41548	0.148	ppbv #	24
64) n-propylbenzene	14.905	120	18182	0.135	ppbv #	1
65) tert-Butylbenzene	16.088	119	11520	0.025	ppbv #	20
66) Benzyl Chloride	16.304	91	2143	0.070	ppbv #	1
67) sec-Butylbenzene	16.625	105	51658	0.076	ppbv	94
71) 2-Chlorotoluene	14.908	91	81470	0.198	ppbv	90
72) 4-Ethyltoluene	15.185	105	88826	0.221	ppbv #	87
73) 1,3,5-Trimethylbenzene	15.339	105	58802	0.165	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	210502	0.520	ppbv #	61

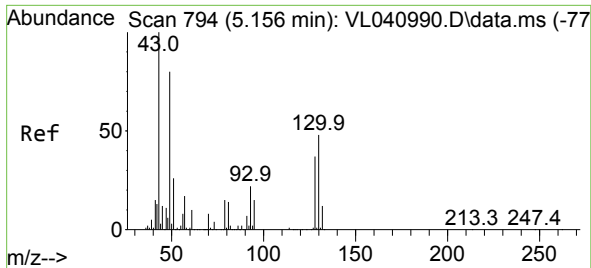
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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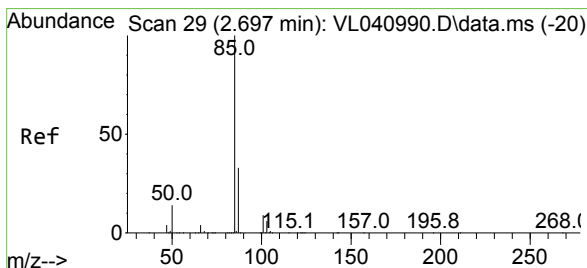
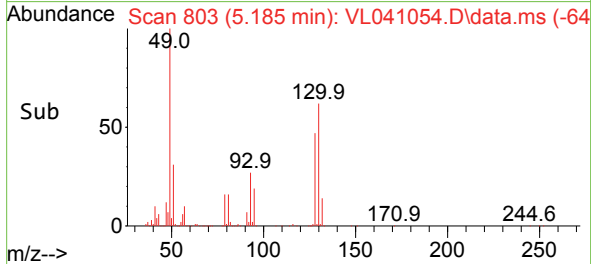
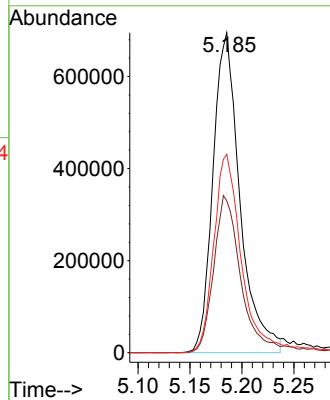
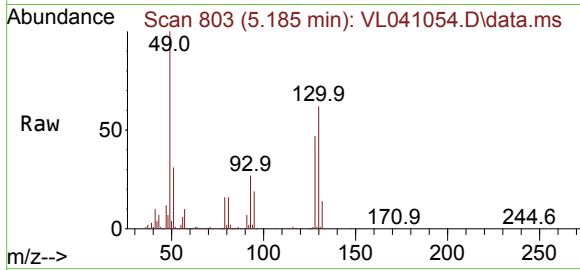




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 80
 Delta R.T. 0.009 min
 Lab File: VL041054.D
 Acq: 9 Feb 2024 12:23

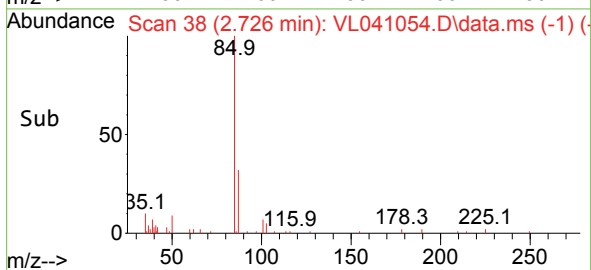
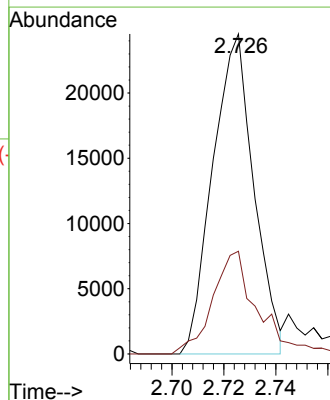
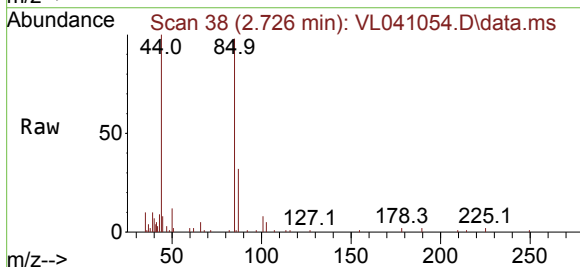
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 MSVOA_L
 ClientSampleId :
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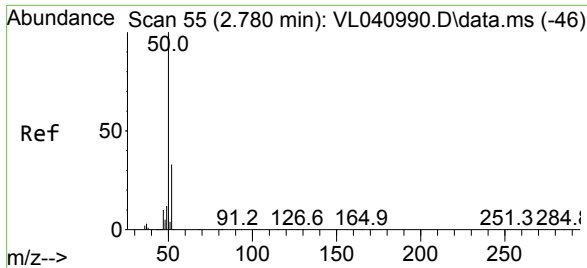
Tgt Ion: 49 Resp: 1255804
 Ion Ratio Lower Upper
 49 100
 128 51.9 23.9 71.7
 130 66.1 31.1 93.5



#2
 Dichlorodifluoromethane
 Concen: 0.097 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: VL041054.D
 Acq: 9 Feb 2024 12:23

Tgt Ion: 85 Resp: 26931
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.3 39.5

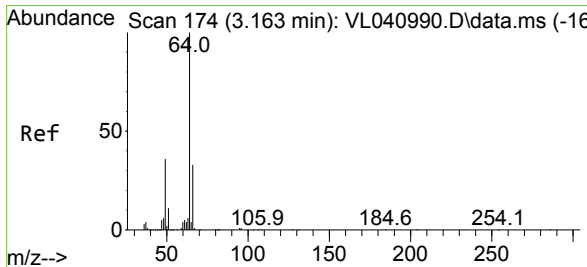
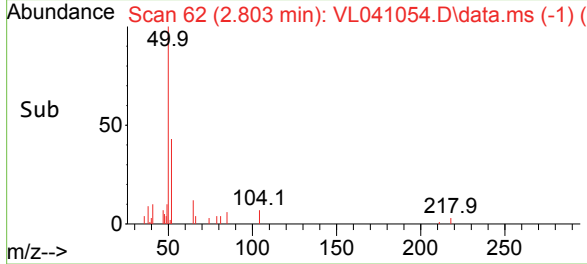
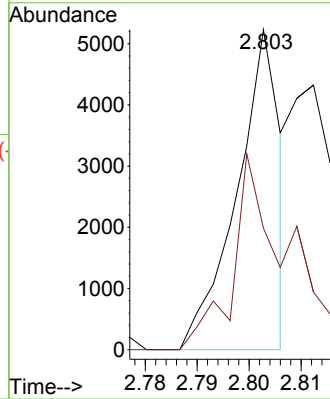
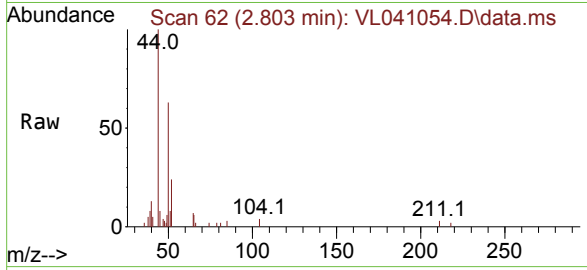




#4
Chloromethane
Concen: 0.039 ppbv
RT: 2.803 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

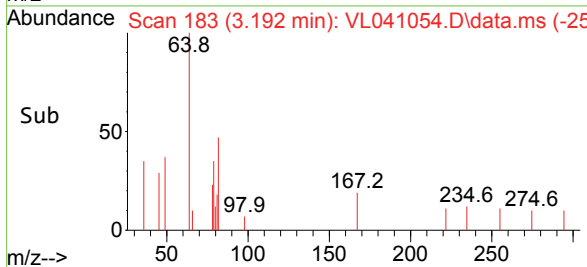
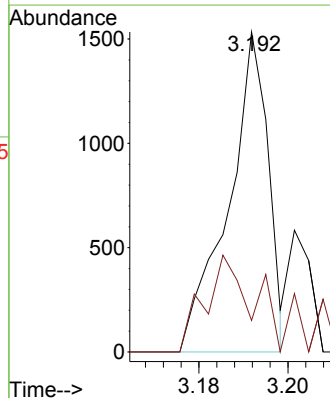
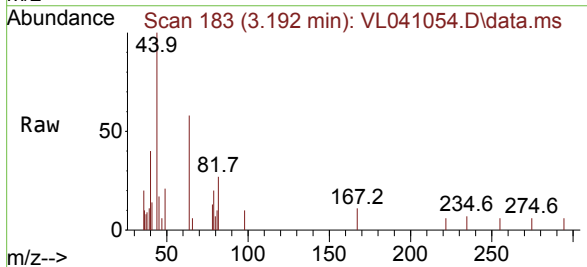
Instrument :
MSVOA_L
ClientSampleId :
SS3

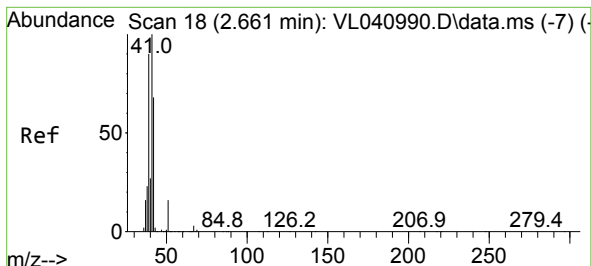
Tgt Ion: 50 Resp: 3049
Ion Ratio Lower Upper
50 100
52 38.0 26.2 39.4



#7
Chloroethane
Concen: 0.034 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.010 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 64 Resp: 959
Ion Ratio Lower Upper
64 100
66 9.8 26.0 39.0#





#9

Propene

Concen: 0.438 ppbv

RT: 2.693 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

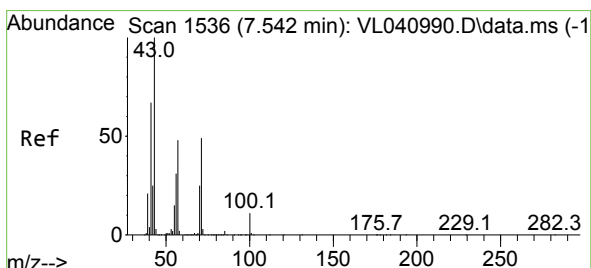
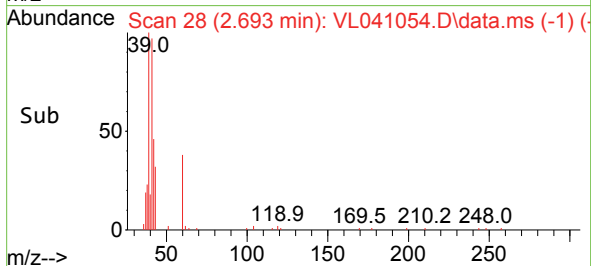
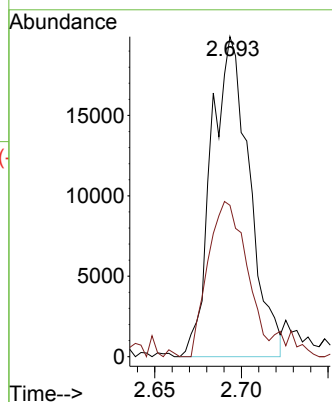
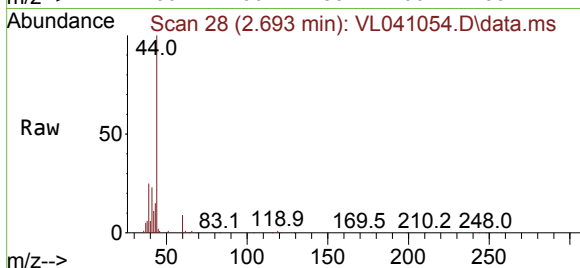
SS3

Tgt Ion: 41 Resp: 30335

Ion Ratio Lower Upper

41 100

42 55.7 59.0 88.4#



#10

Heptane

Concen: 0.428 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VL041054.D

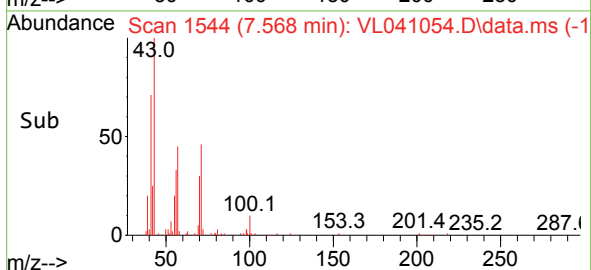
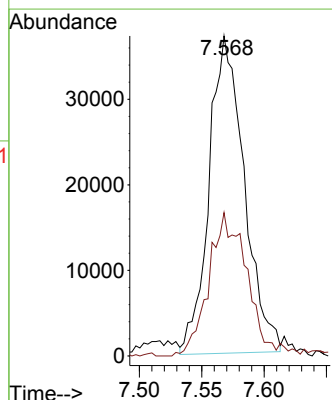
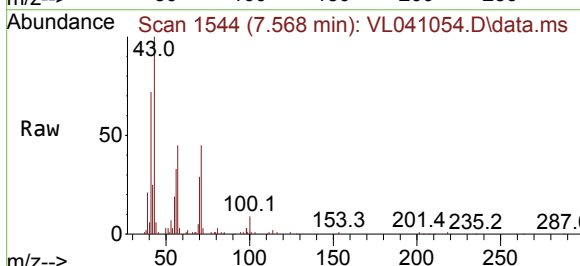
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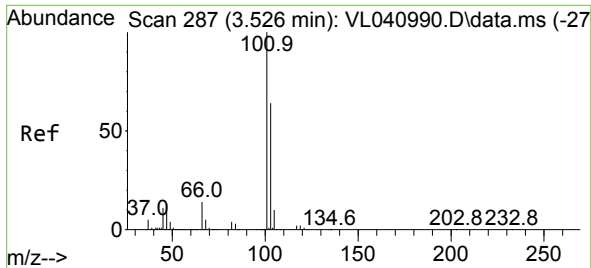
Tgt Ion: 43 Resp: 72910

Ion Ratio Lower Upper

43 100

57 49.1 39.4 59.2

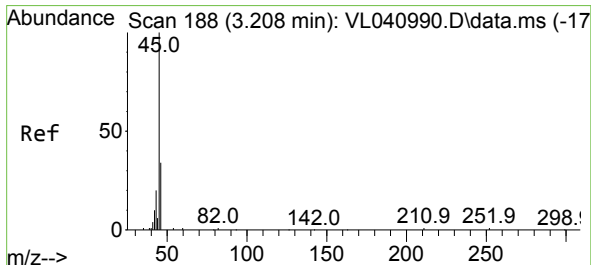
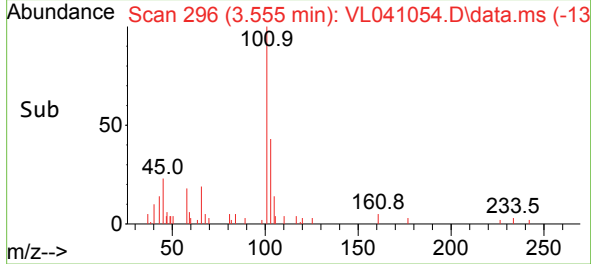
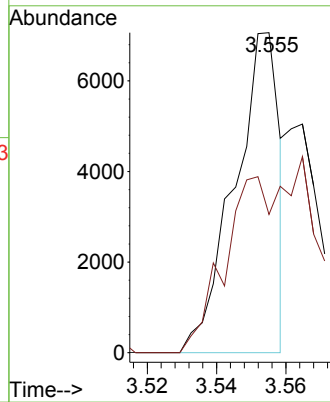
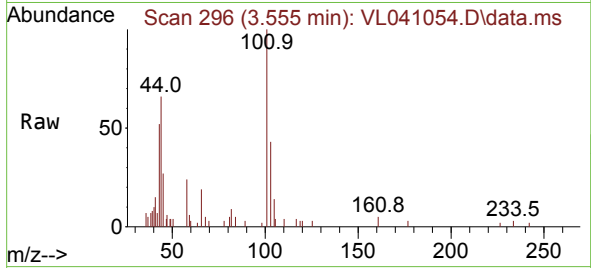




#11
Trichlorofluoromethane
Concen: 0.029 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

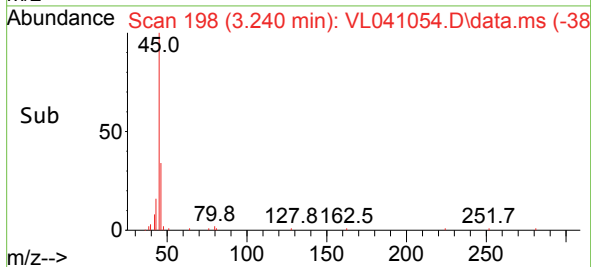
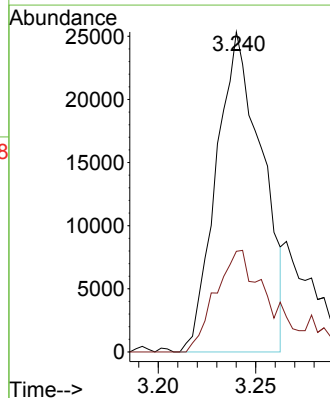
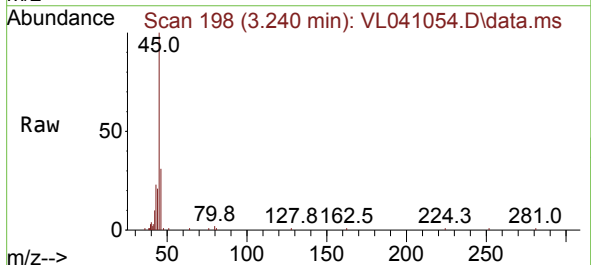
Instrument :
MSVOA_L
ClientSampleId :
SS3

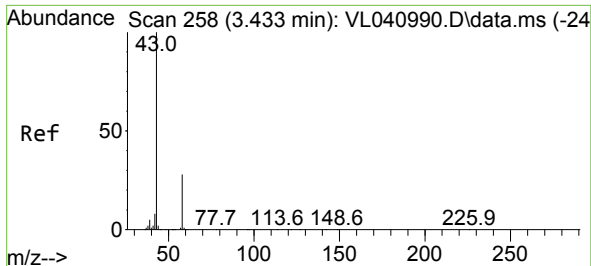
Tgt Ion:101 Resp: 6378
Ion Ratio Lower Upper
101 100
103 43.2 51.4 77.2#



#13
Ethanol
Concen: 2.499 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.016 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 45 Resp: 41268
Ion Ratio Lower Upper
45 100
46 45.1 16.2 64.8

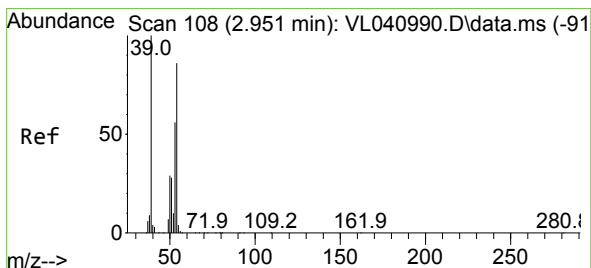
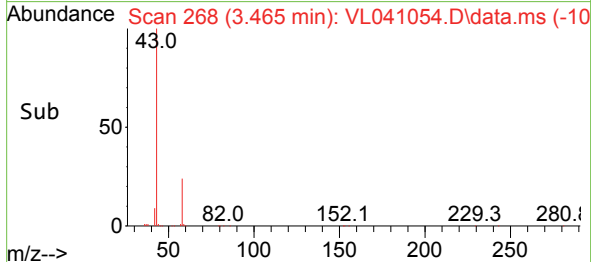
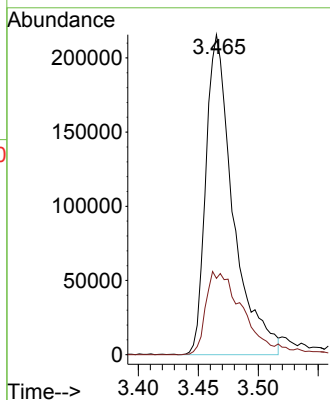
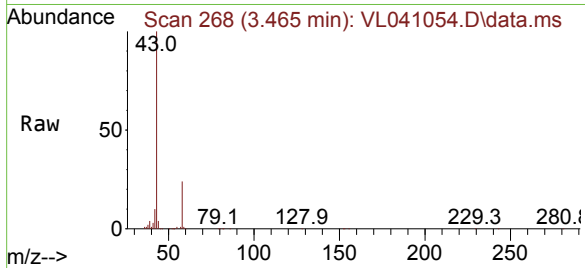




#15
Acetone
Concen: 2.124 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

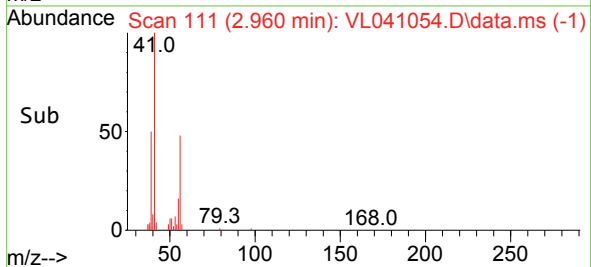
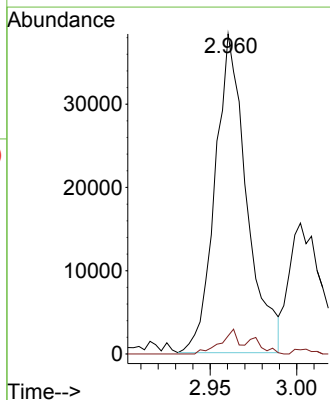
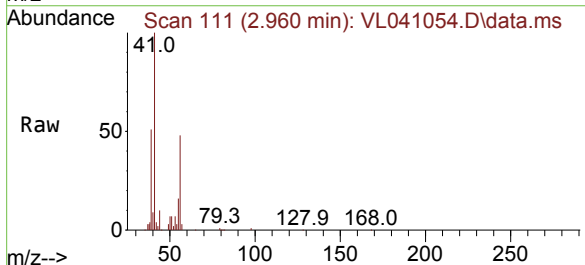
Instrument :
MSVOA_L
ClientSampleId :
SS3

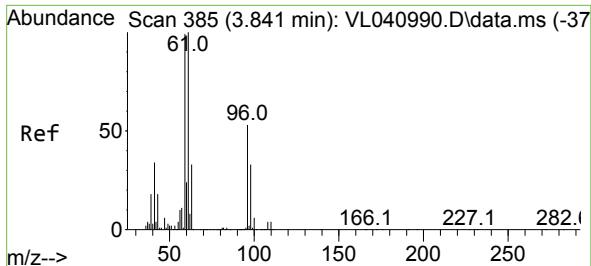
Tgt Ion: 43 Resp: 341068
Ion Ratio Lower Upper
43 100
58 36.6 22.2 33.2#



#16
1,3-Butadiene
Concen: 0.633 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.010 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 39 Resp: 48609
Ion Ratio Lower Upper
39 100
54 6.8 62.7 94.1#





#17

tert-Butyl alcohol

Concen: 0.041 ppbv

RT: 3.619 min Scan# 316

Delta R.T. -0.244 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

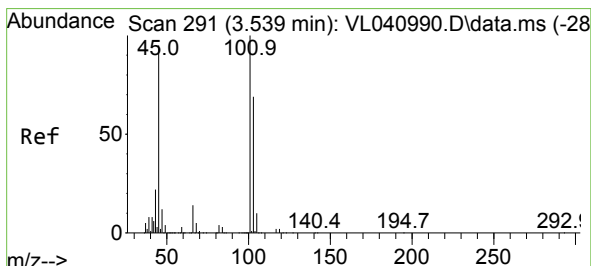
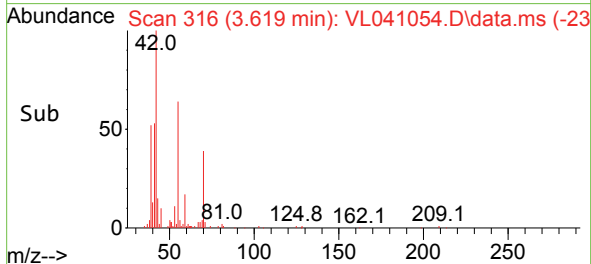
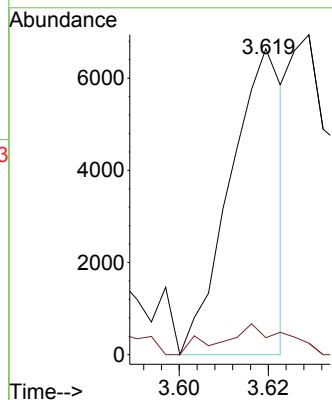
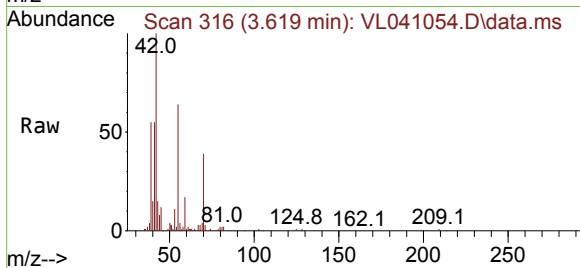
SS3

Tgt Ion: 59 Resp: 5412

Ion Ratio Lower Upper

59 100

57 12.2 8.7 13.1



#19

Isopropyl Alcohol

Concen: 0.874 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.016 min

Lab File: VL041054.D

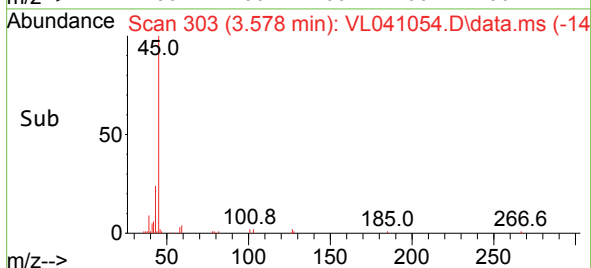
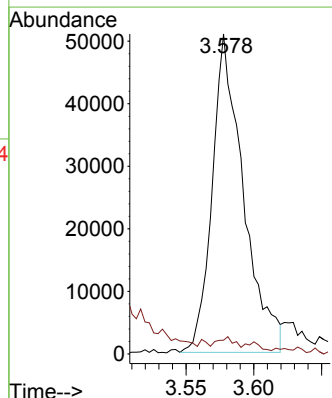
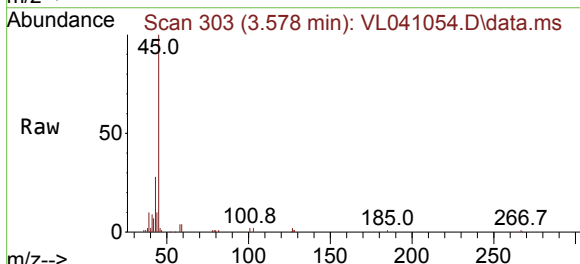
Acq: 9 Feb 2024 12:23

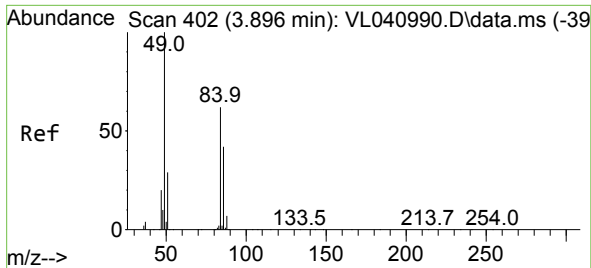
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Ion Ratio Lower Upper

45 100

58 9.1 2.2 3.4#

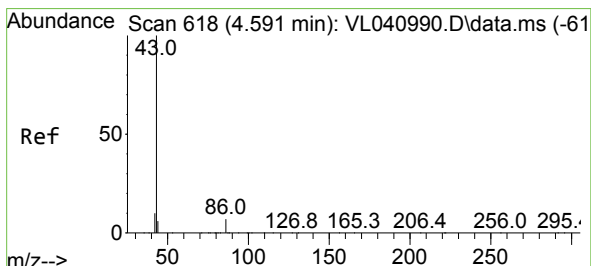
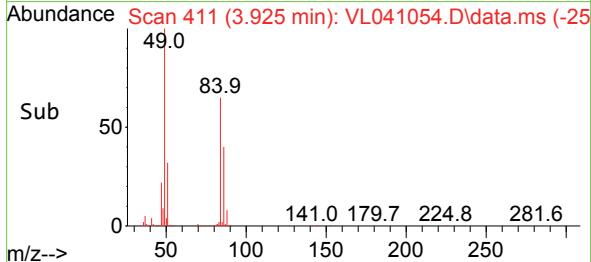
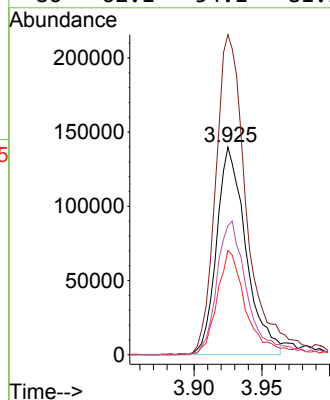
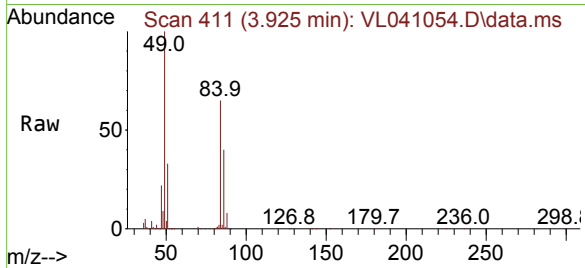




#20
Methylene Chloride
Concen: 3.408 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

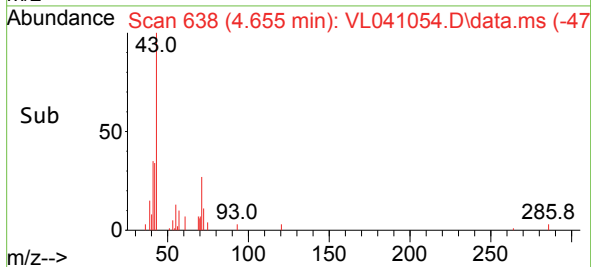
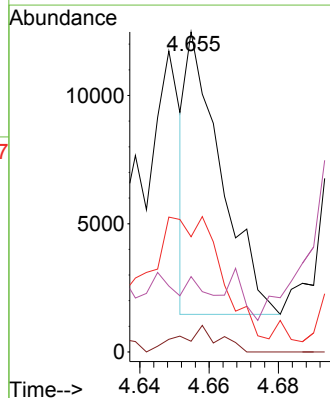
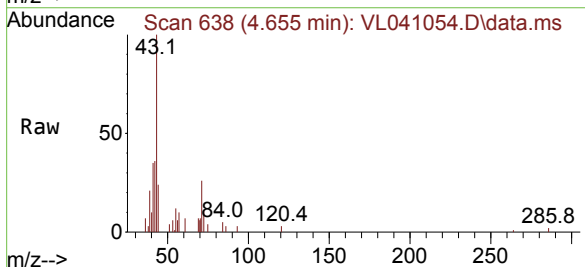
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MSVOA_L
ClientSampleId :
SS3

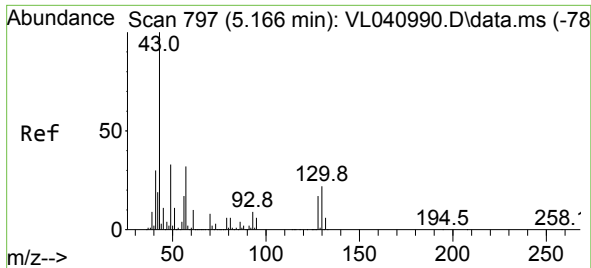
Tgt Ion: 84 Resp: 210604
Ion Ratio Lower Upper
84 100
49 153.6 128.1 192.1
51 50.1 36.5 54.7
86 62.1 54.1 81.1



#23
Vinyl Acetate
Concen: 0.046 ppbv
RT: 4.655 min Scan# 638
Delta R.T. 0.042 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 43 Resp: 7595
Ion Ratio Lower Upper
43 100
86 3.8 5.4 8.0#
42 29.6 8.6 13.0#
44 7.5 4.3 6.5#



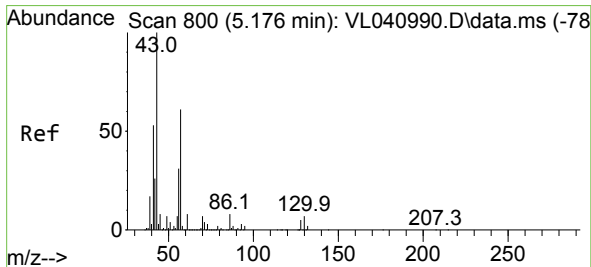
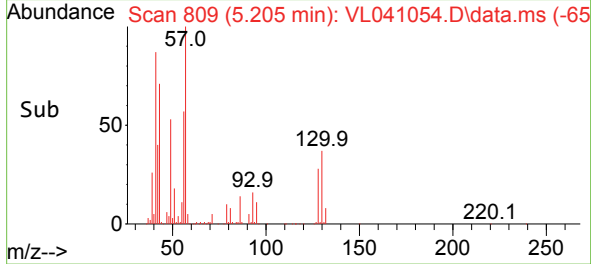
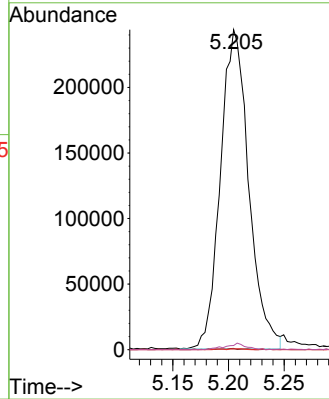
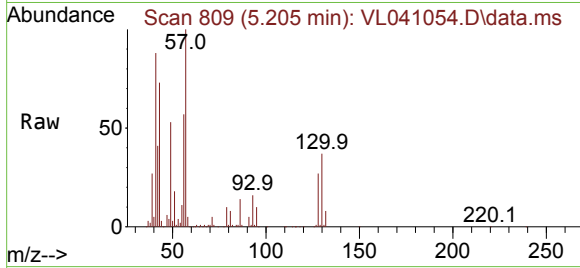


#25
Ethyl Acetate
Concen: 1.480 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.013 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Instrument :
MSVOA_L
ClientSampleId :
SS3

Tgt Ion: 43 Resp: 430926

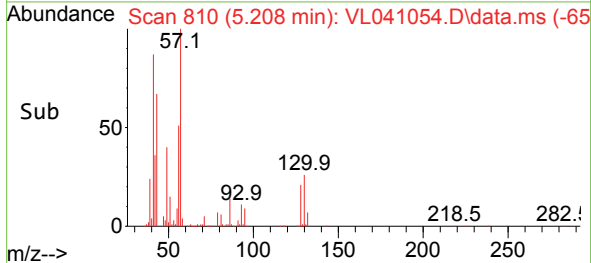
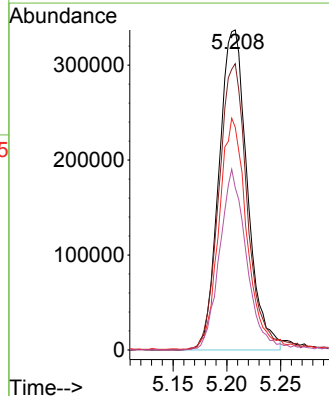
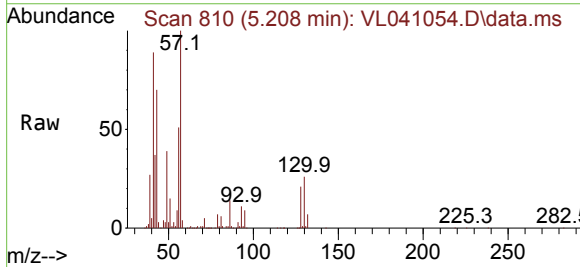
Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.2	12.4#
61	0.2	7.9	11.9#
70	1.6	5.4	8.2#

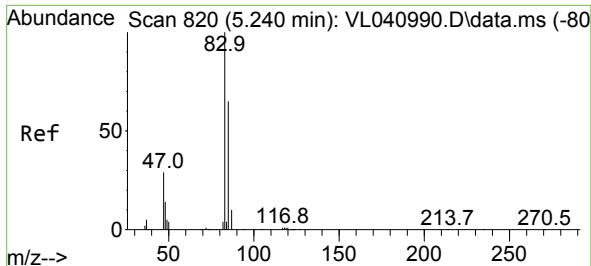


#26
Hexane
Concen: 4.988 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 57 Resp: 619137

Ion	Ratio	Lower	Upper
57	100		
41	91.7	74.4	111.6
43	71.6	190.6	285.8#
56	54.5	43.0	64.4





#29

Chloroform

Concen: 0.061 ppbv

RT: 5.262 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

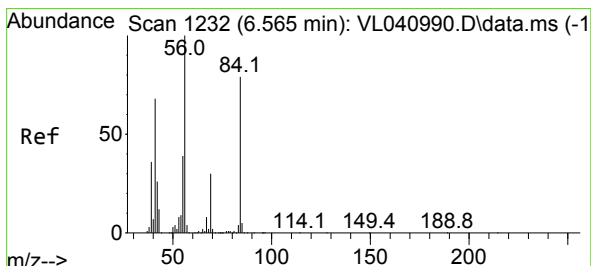
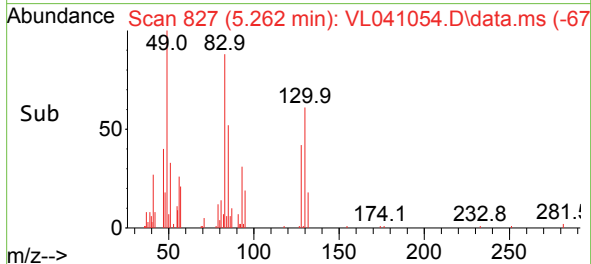
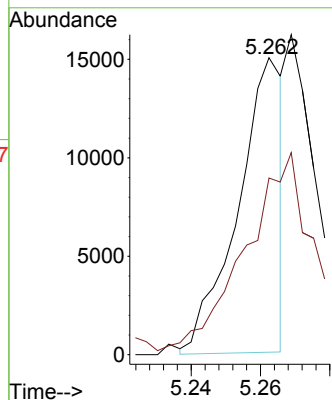
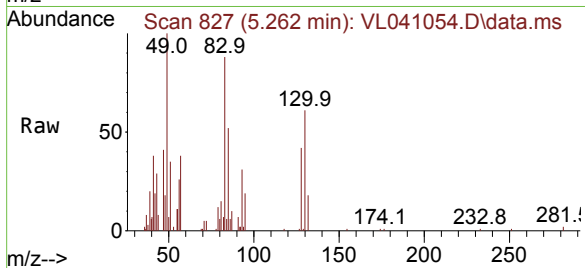
SS3

Tgt Ion: 83 Resp: 13425

Ion Ratio Lower Upper

83 100

85 56.6 51.6 77.4



#30

Cyclohexane

Concen: 0.022 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.010 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

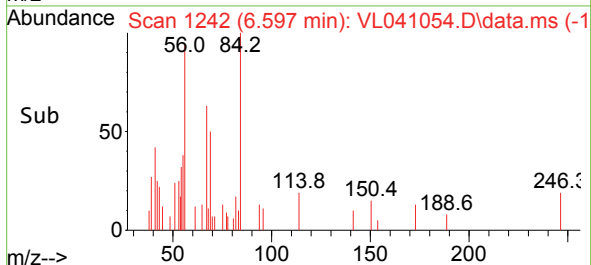
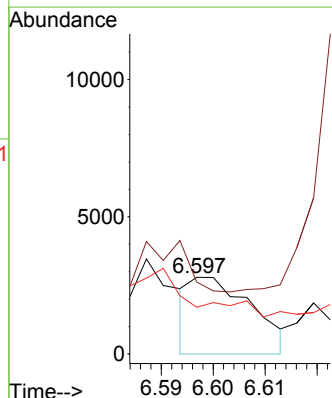
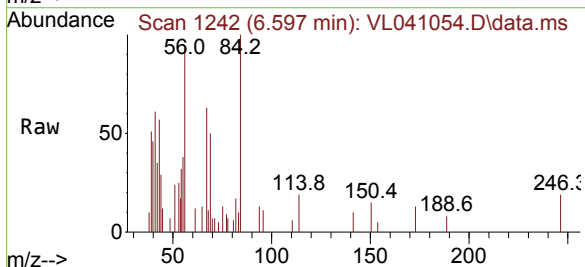
Tgt Ion: 84 Resp: 2312

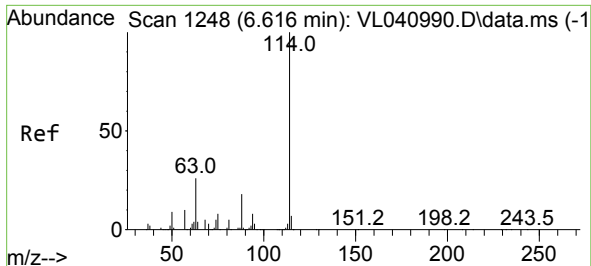
Ion Ratio Lower Upper

84 100

56 0.0 111.7 167.5#

41 0.0 71.0 106.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

SS3

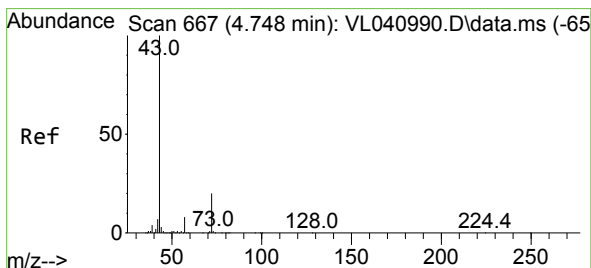
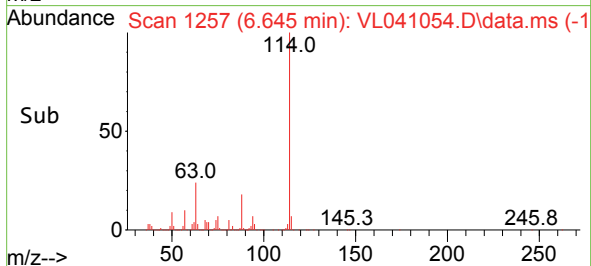
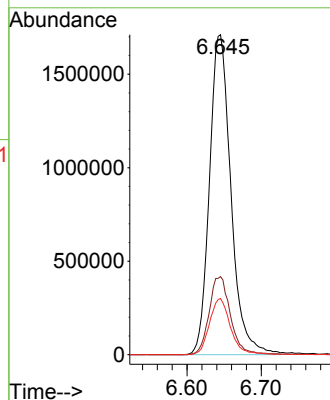
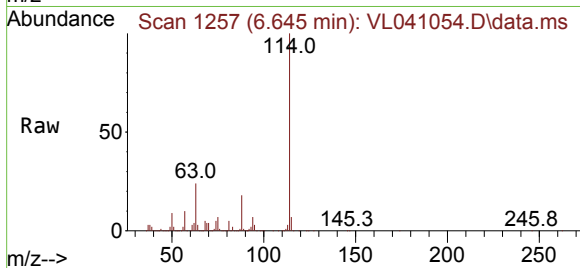
Tgt Ion:114 Resp: 3437275

Ion Ratio Lower Upper

114 100

63 24.4 20.8 31.2

88 17.2 14.3 21.5



#34

2-Butanone

Concen: 3.384 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.010 min

Lab File: VL041054.D

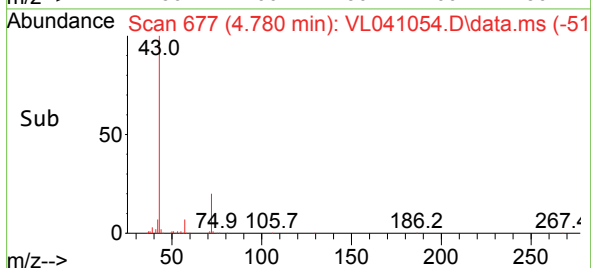
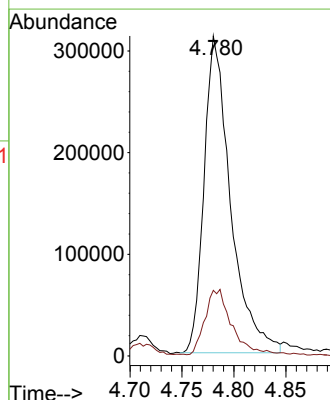
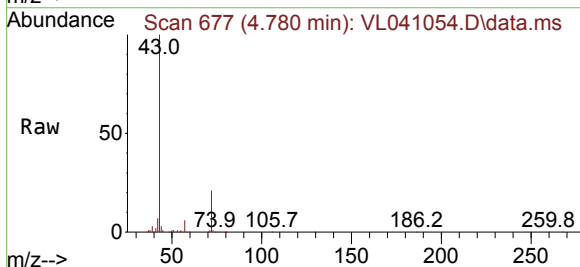
Acq: 9 Feb 2024 12:23

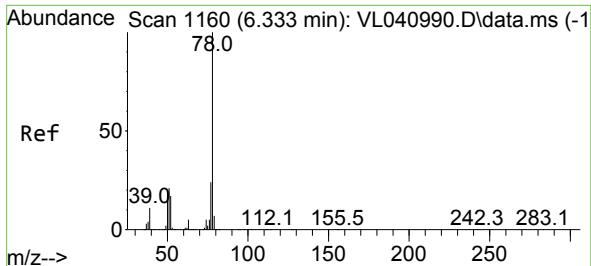
Tgt Ion: 43 Resp: 554228

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3

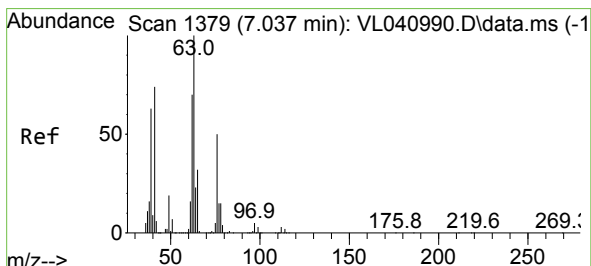
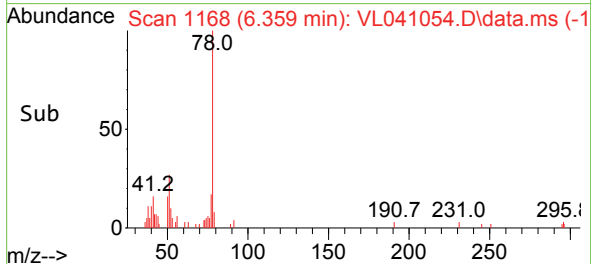
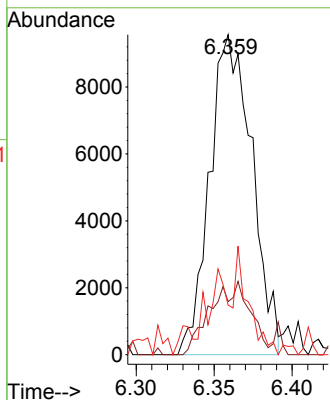
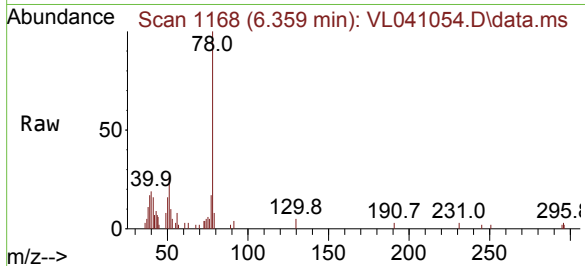




#36
Benzene
Concen: 0.064 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

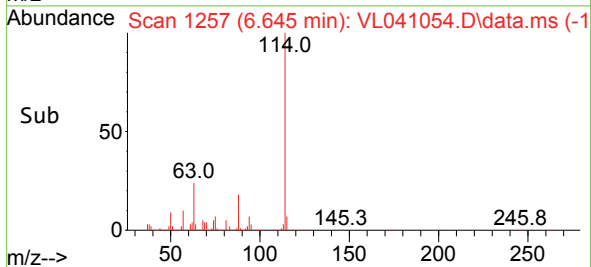
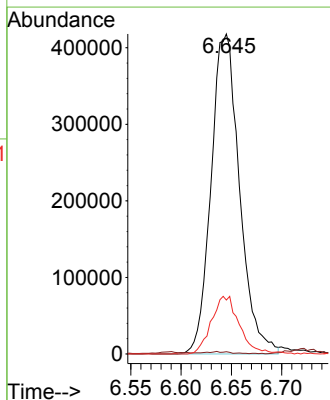
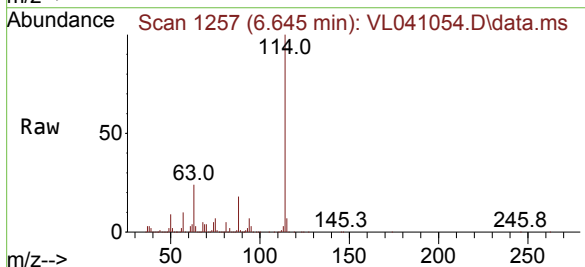
Instrument :
MSVOA_L
ClientSampleId :
SS3

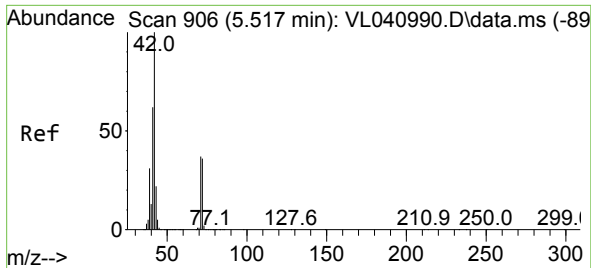
Tgt Ion: 78 Resp: 18037
Ion Ratio Lower Upper
78 100
77 16.6 19.0 28.4#
50 15.5 15.8 23.6#



#39
1,2-Dichloropropane
Concen: 7.361 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.412 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 63 Resp: 823230
Ion Ratio Lower Upper
63 100
41 0.3 59.6 89.4#
62 16.9 55.6 83.4#

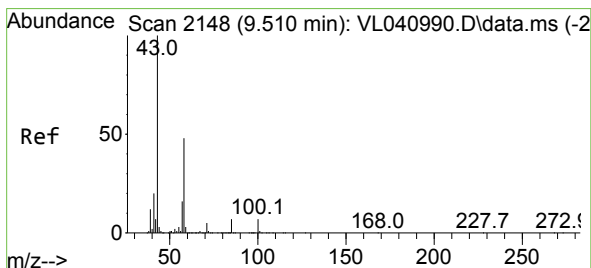
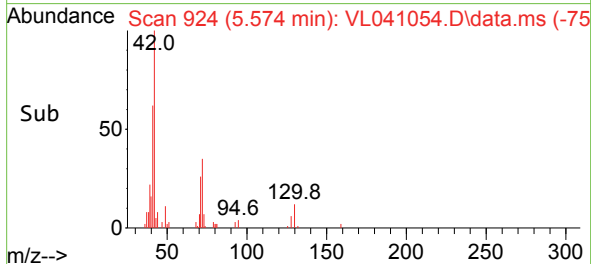
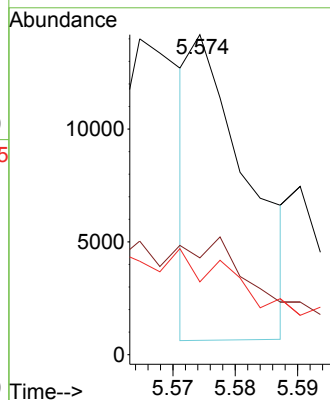
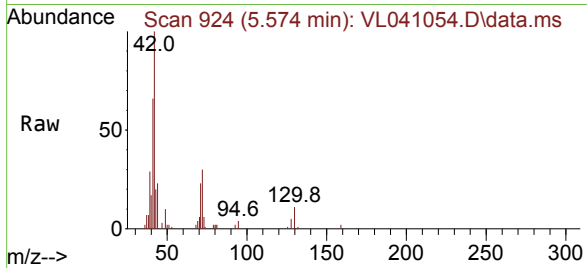




#41
Tetrahydrofuran
Concen: 0.076 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.035 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

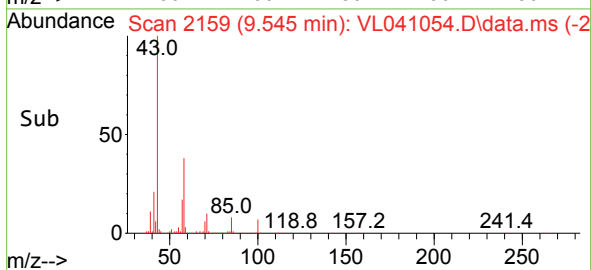
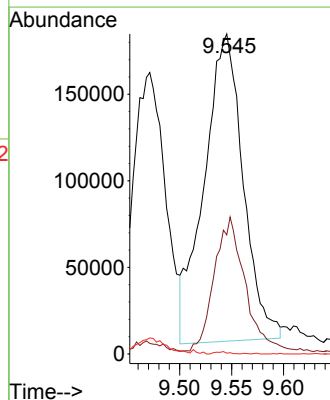
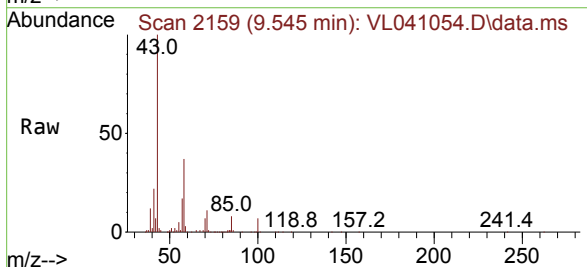
Instrument :
MSVOA_L
ClientSampleId :
SS3

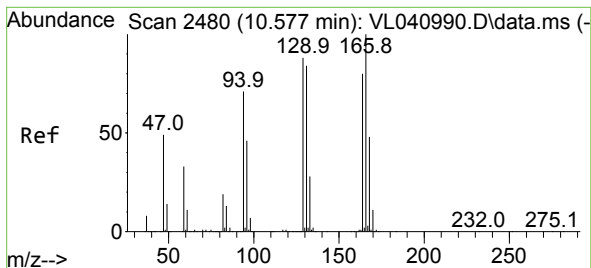
Tgt Ion: 42 Resp: 8480
Ion Ratio Lower Upper
42 100
72 135.5 30.0 45.0#
71 117.4 29.5 44.3#



#51
2-Hexanone
Concen: 2.231 ppbv
RT: 9.545 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 43 Resp: 463820
Ion Ratio Lower Upper
43 100
58 36.7 36.8 55.2#
98 0.0 0.3 0.5#





#52

Tetrachloroethene

Concen: 1.267 ppbv

RT: 10.603 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

SS3

Tgt Ion:164 Resp: 119464

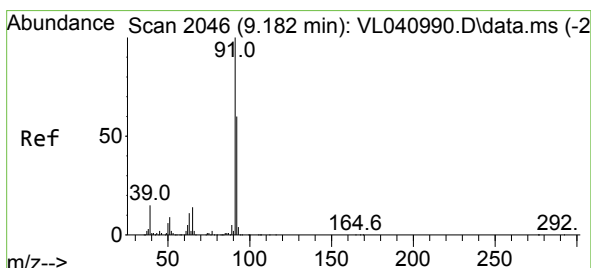
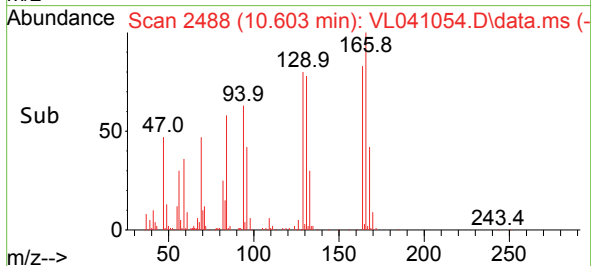
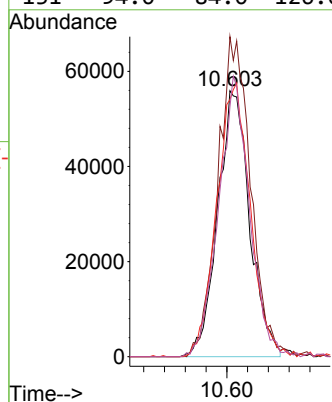
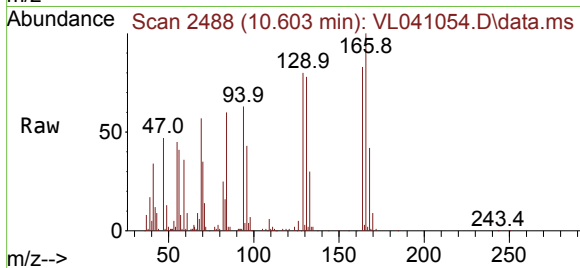
Ion Ratio Lower Upper

164 100

166 120.3 100.2 150.2

129 96.7 87.9 131.9

131 94.0 84.0 126.0



#53

Toluene

Concen: 1.416 ppbv

RT: 9.211 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VL041054.D

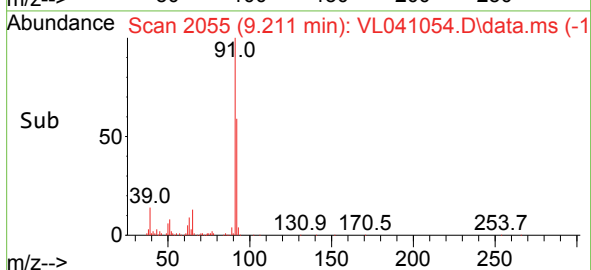
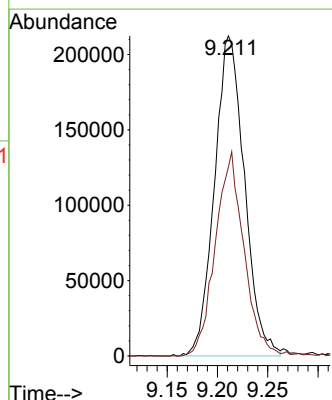
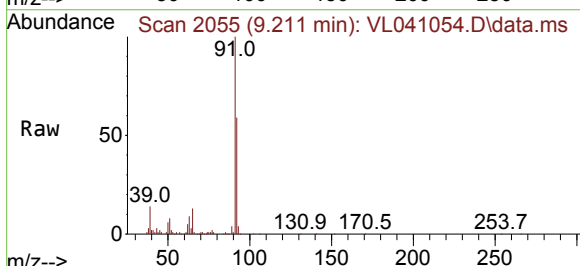
Acq: 9 Feb 2024 12:23

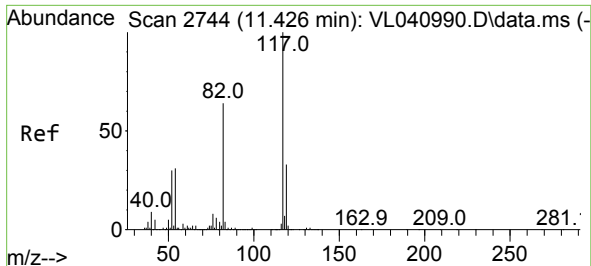
Tgt Ion: 91 Resp: 440439

Ion Ratio Lower Upper

91 100

92 61.4 48.6 72.8

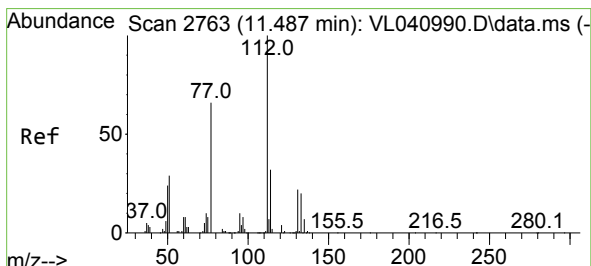
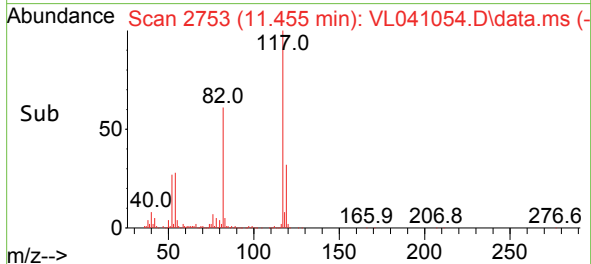
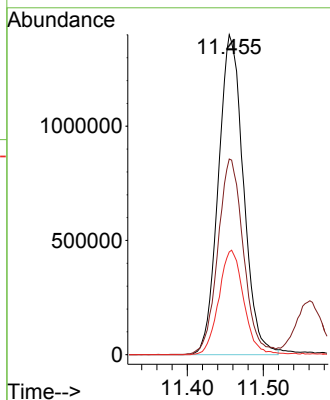
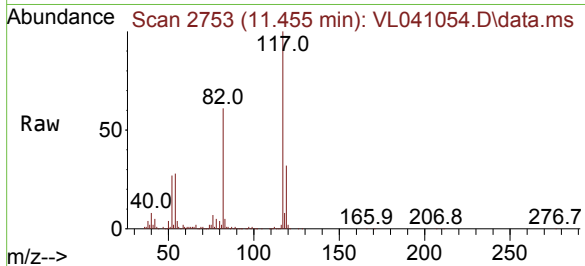




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

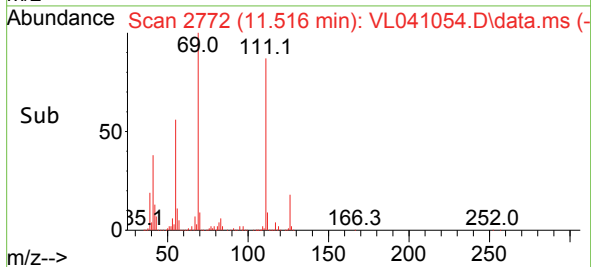
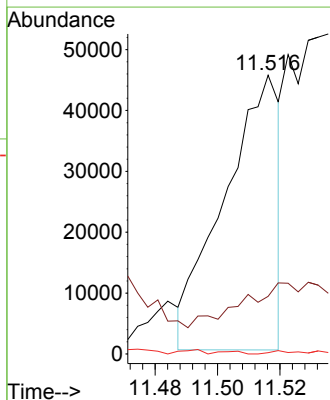
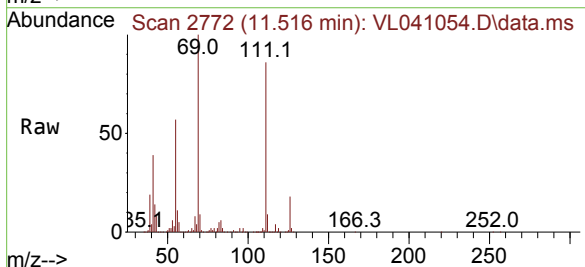
Instrument :
MSVOA_L
ClientSampleId :
SS3

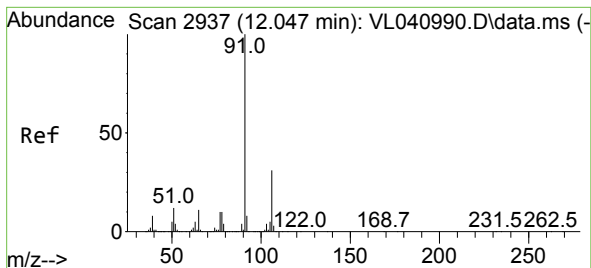
Tgt Ion:117 Resp: 3206783
Ion Ratio Lower Upper
117 100
82 62.8 51.7 77.5
119 32.6 23.8 35.6



#57
Chlorobenzene
Concen: 0.216 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.003 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion:112 Resp: 55662
Ion Ratio Lower Upper
112 100
77 10.5 53.4 80.0#
114 0.0 29.1 35.5#

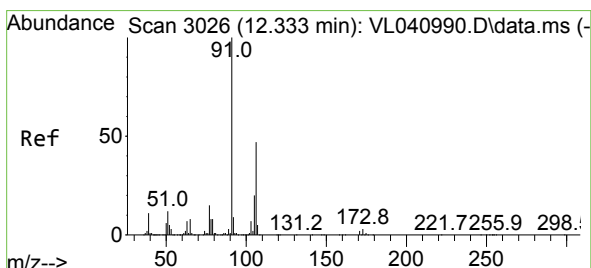
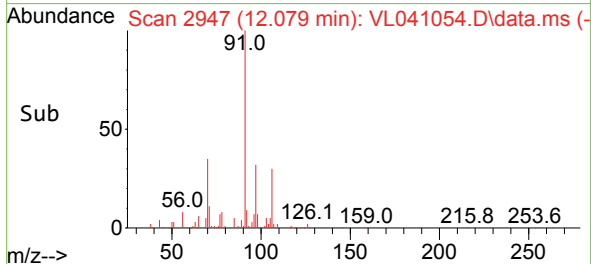
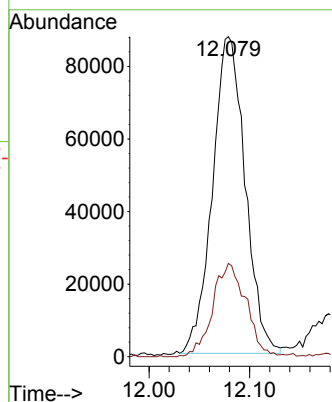
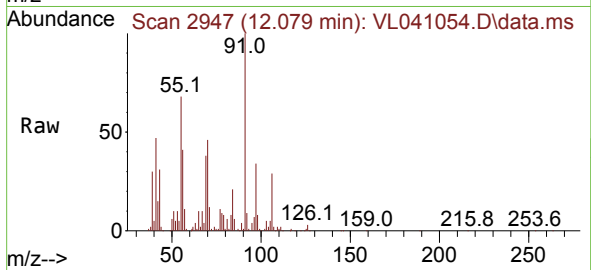




#58
Ethyl Benzene
Concen: 0.458 ppbv
RT: 12.079 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

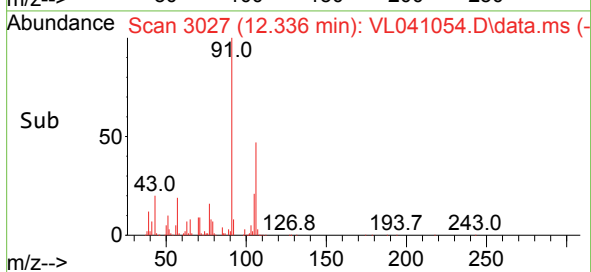
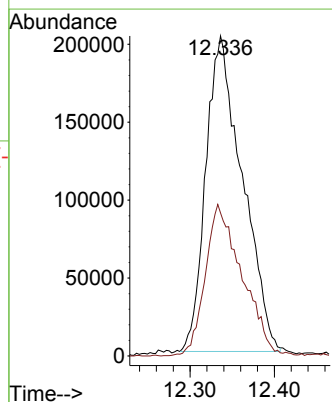
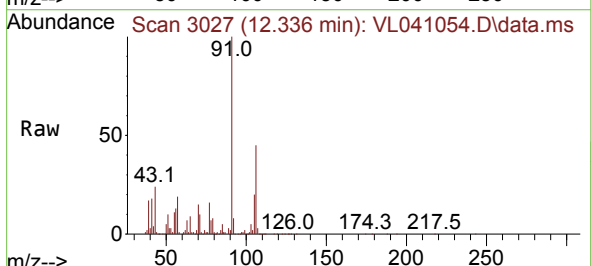
Instrument :
MSVOA_L
ClientSampleId :
SS3

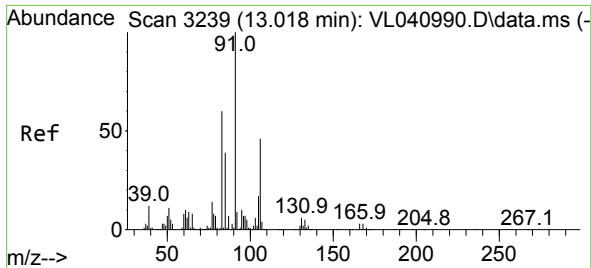
Tgt Ion: 91 Resp: 197241
Ion Ratio Lower Upper
91 100
106 29.2 24.8 37.2



#59
m/p-Xylene
Concen: 1.626 ppbv
RT: 12.336 min Scan# 3027
Delta R.T. -0.019 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 91 Resp: 610606
Ion Ratio Lower Upper
91 100
106 48.4 34.9 52.3

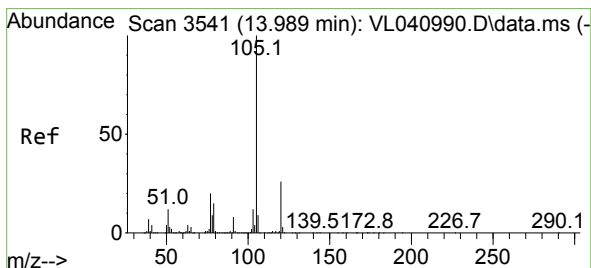
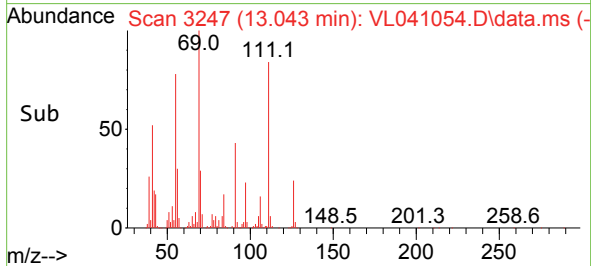
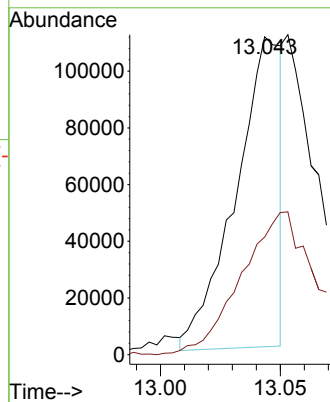
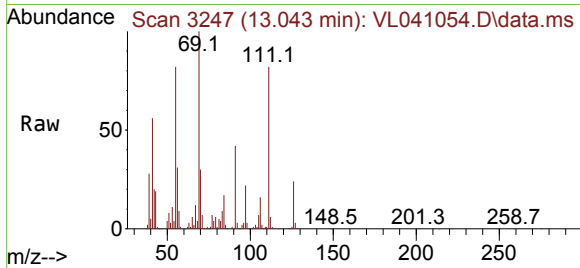




#60
o-Xylene
Concen: 0.399 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

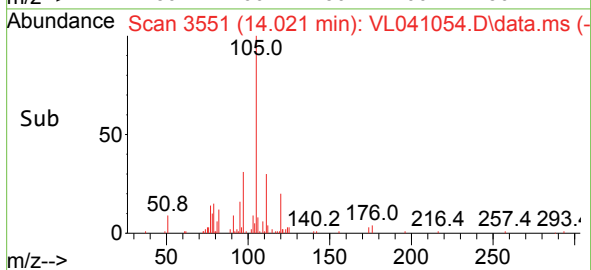
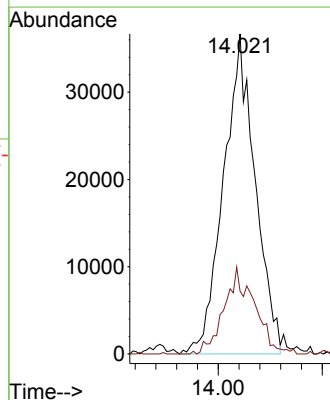
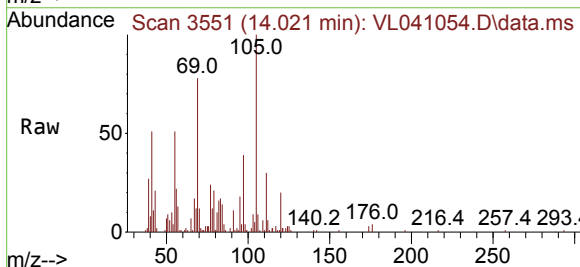
Instrument :
MSVOA_L
ClientSampleId :
SS3

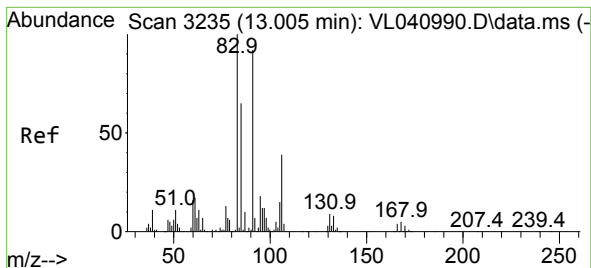
Tgt Ion: 91 Resp: 143891
Ion Ratio Lower Upper
91 100
106 0.0 22.6 67.7#



#62
Isopropylbenzene
Concen: 0.146 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.006 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion: 105 Resp: 77552
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3

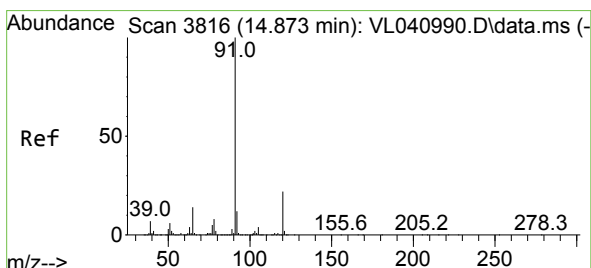
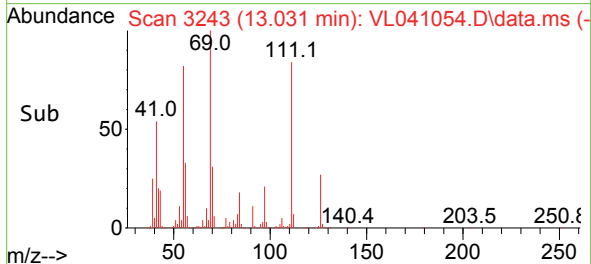
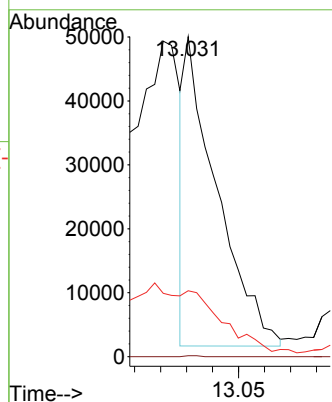
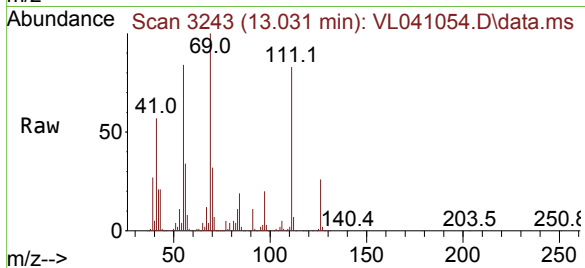




#63
1,1,2,2-Tetrachloroethane
Concen: 0.148 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

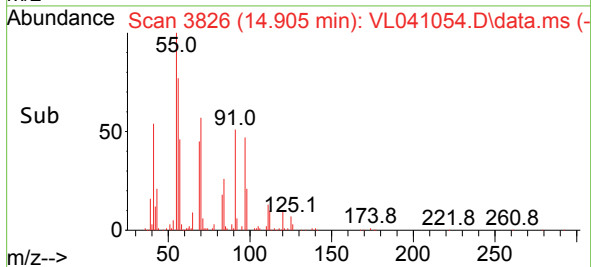
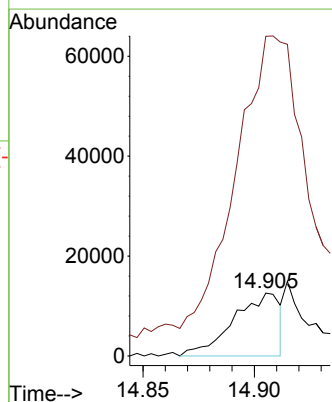
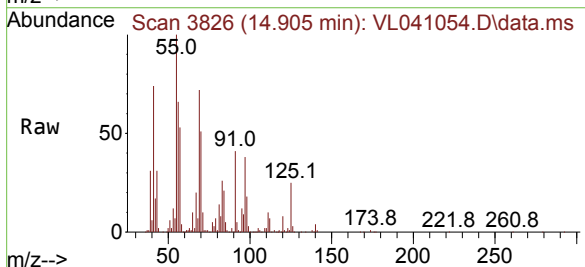
Instrument :
MSVOA_L
ClientSampleId :
SS3

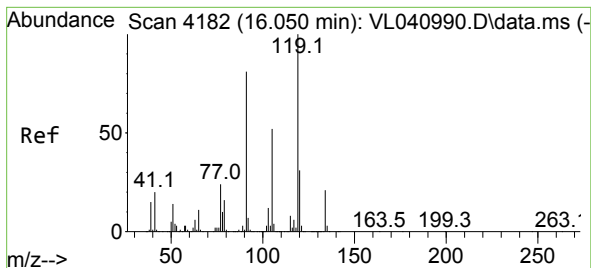
Tgt Ion: 83 Resp: 41548
Ion Ratio Lower Upper
83 100
131 0.1 4.6 13.8#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.135 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.000 min
Lab File: VL041054.D
Acq: 9 Feb 2024 12:23

Tgt Ion:120 Resp: 18182
Ion Ratio Lower Upper
120 100
91 1019.6 390.6 585.8#





#65

tert-Butylbenzene

Concen: 0.025 ppbv

RT: 16.088 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

SS3

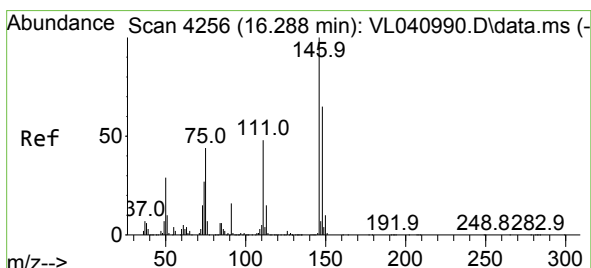
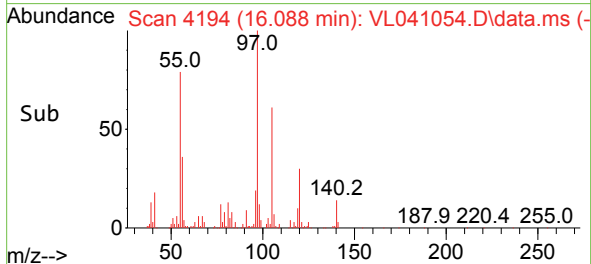
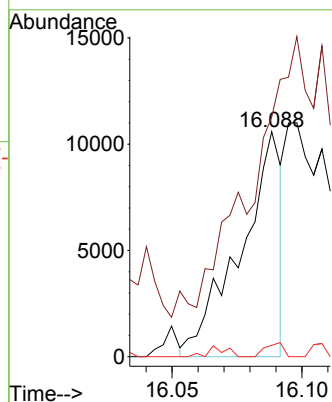
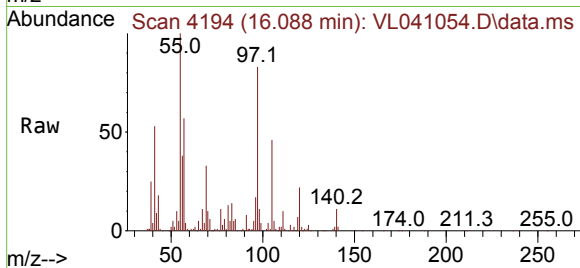
Tgt Ion:119 Resp: 11520

Ion Ratio Lower Upper

119 100

91 0.0 67.6 101.4#

134 7.9 16.1 24.1#



#66

Benzyl Chloride

Concen: 0.070 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. -0.007 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

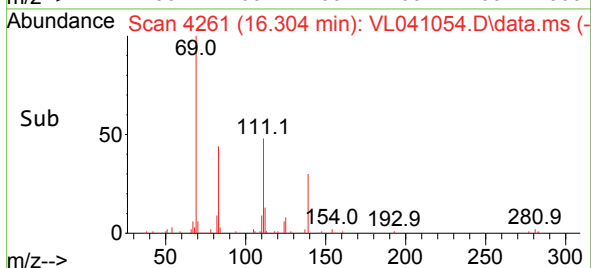
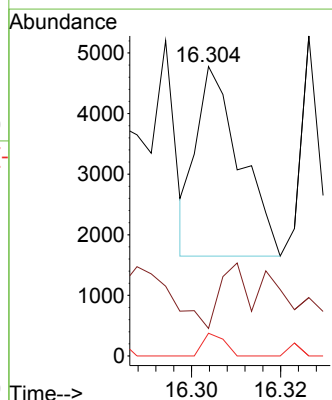
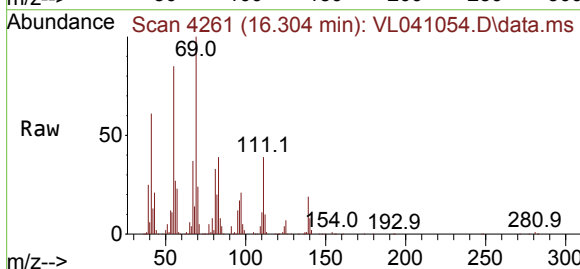
Tgt Ion: 91 Resp: 2143

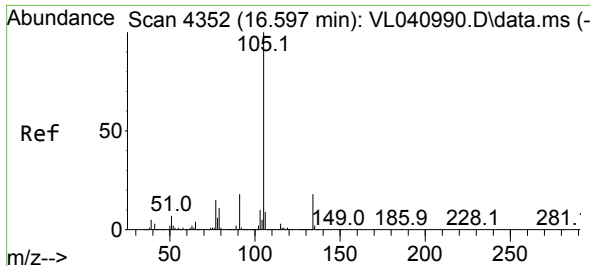
Ion Ratio Lower Upper

91 100

126 88.8 13.6 20.4#

128 0.0 4.2 6.2#

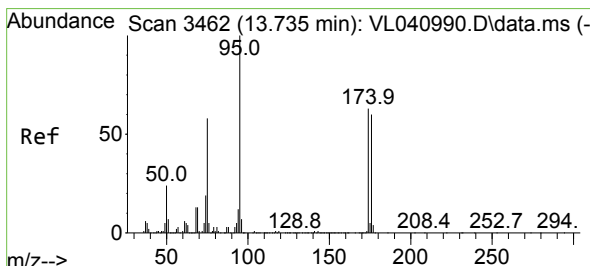
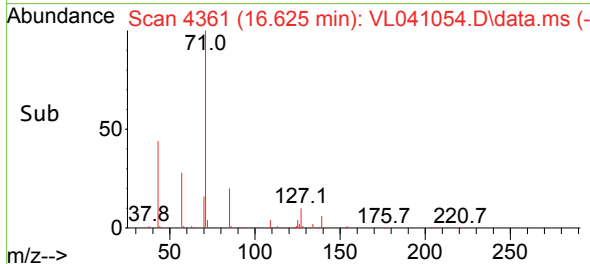
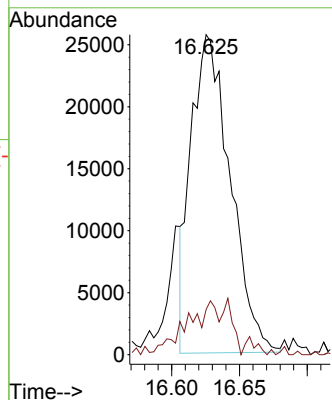
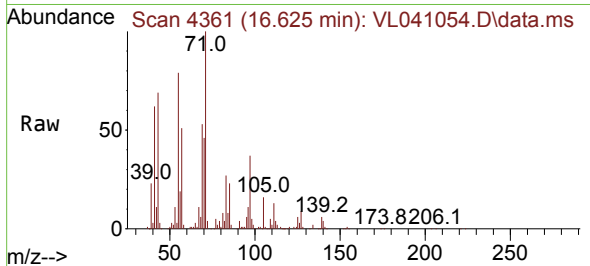




#67
 sec-Butylbenzene
 Concen: 0.076 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041054.D
 Acq: 9 Feb 2024 12:23

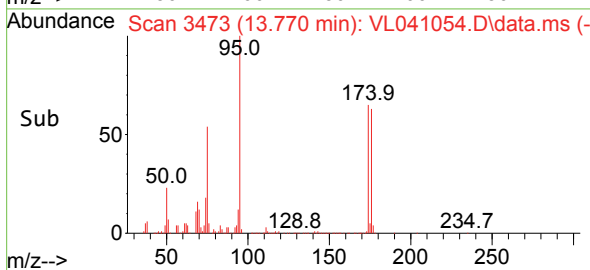
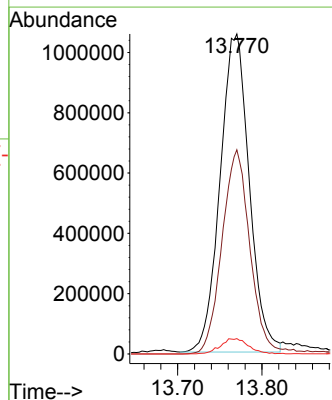
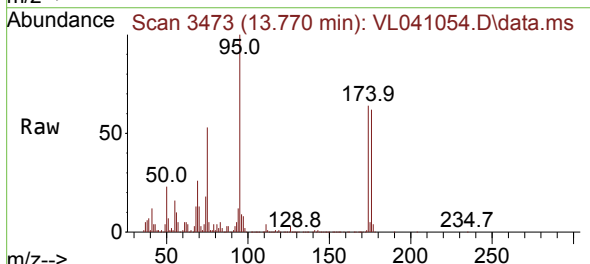
Instrument :
 MSVOA_L
 ClientSampleId :
 SS3

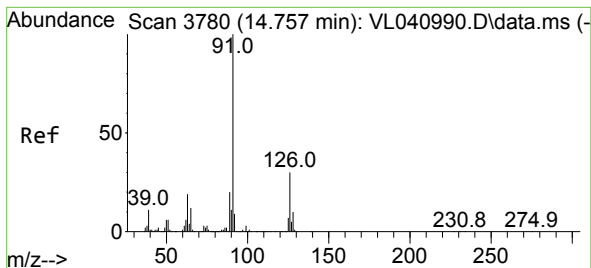
Tgt Ion:105 Resp: 51658
 Ion Ratio Lower Upper
 105 100
 134 20.4 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.472 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.010 min
 Lab File: VL041054.D
 Acq: 9 Feb 2024 12:23

Tgt Ion: 95 Resp: 2536412
 Ion Ratio Lower Upper
 95 100
 174 63.3 49.1 73.7
 175 4.8 3.7 5.5





#71

2-Chlorotoluene

Concen: 0.198 ppbv

RT: 14.908 min Scan# 3827

Delta R.T. 0.125 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

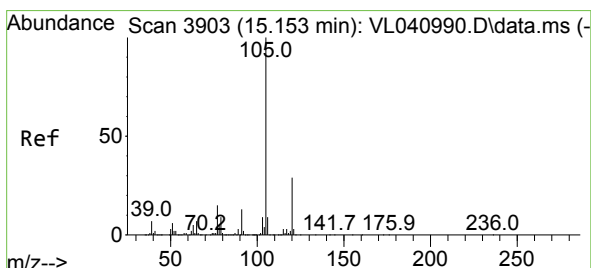
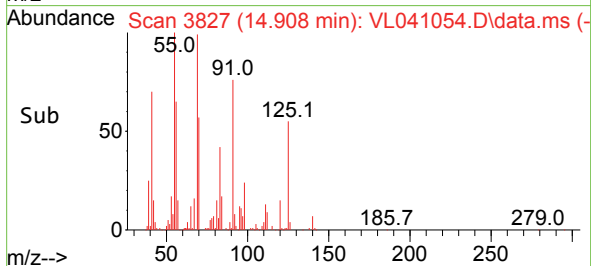
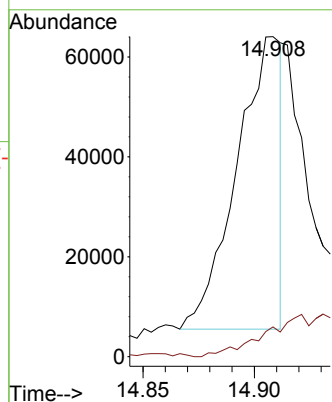
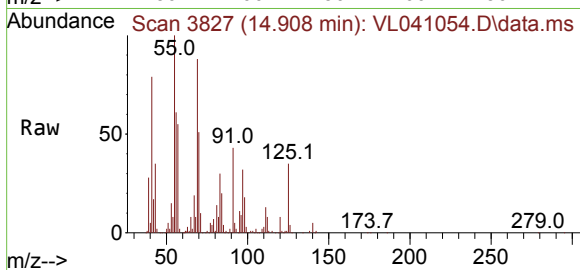
SS3

Tgt Ion: 91 Resp: 81470

Ion Ratio Lower Upper

91 100

126 25.1 12.3 49.1



#72

4-Ethyltoluene

Concen: 0.221 ppbv

RT: 15.185 min Scan# 3913

Delta R.T. 0.006 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Tgt Ion: 105 Resp: 88826

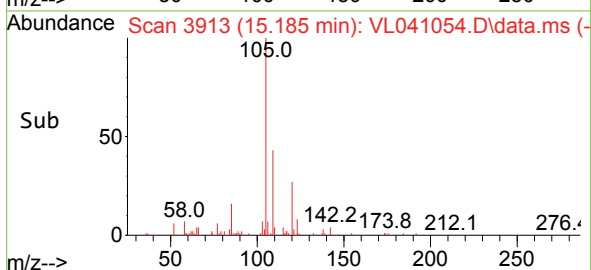
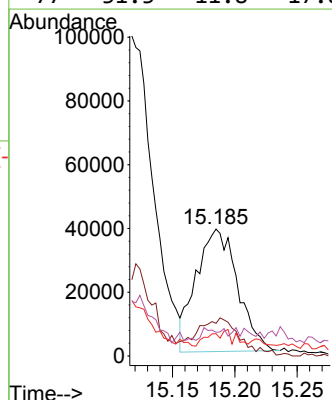
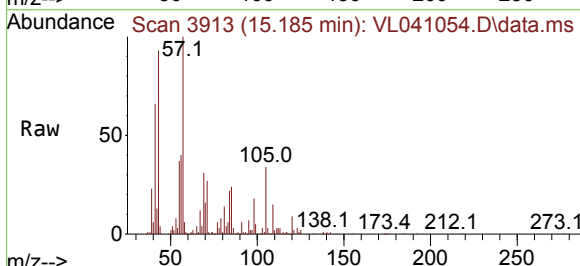
Ion Ratio Lower Upper

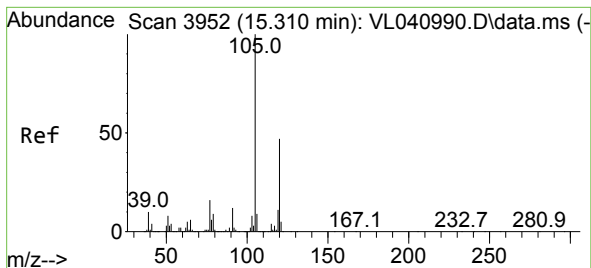
105 100

120 32.6 24.3 36.5

91 15.4 11.0 16.4

77 31.3 11.8 17.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.165 ppbv

RT: 15.339 min Scan# 3952

Delta R.T. 0.003 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Instrument :

MSVOA_L

ClientSampleId :

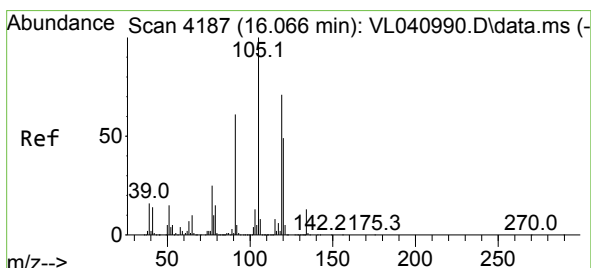
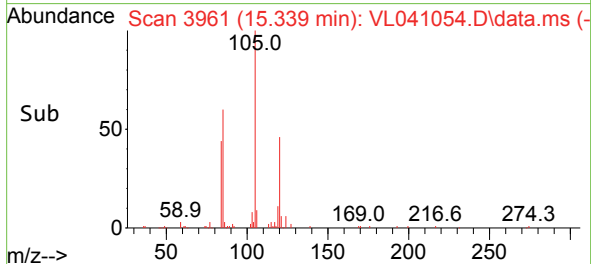
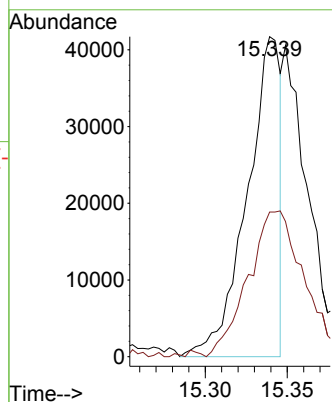
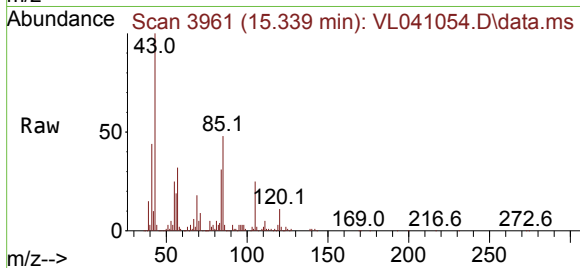
SS3

Tgt Ion:105 Resp: 58802

Ion Ratio Lower Upper

105 100

120 44.6 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.520 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.000 min

Lab File: VL041054.D

Acq: 9 Feb 2024 12:23

Tgt Ion:105 Resp: 210502

Ion Ratio Lower Upper

105 100

120 36.8 39.3 58.9#

91 11.3 48.7 73.1#

77 17.2 19.8 29.8#

