

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041131.D
 Acq On : 4 Apr 2024 18:48
 Operator : SY/MD
 Sample : P1953-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Apr 05 03:44:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 05 03:20:09 2024
 Response via : Initial Calibration

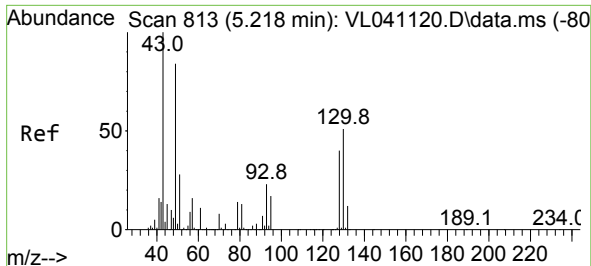
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.211	49	1210096	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	3127728	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2727657	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2209783	10.034	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	68684	0.331	ppbv #	85
3) Chlorodifluoromethane	2.677	51	96728	0.519	ppbv #	81
4) Chloromethane	2.816	50	40997	0.581	ppbv	92
9) Propene	2.700	41	459084	7.743	ppbv	95
10) Heptane	7.607	43	83107	0.590	ppbv	90
11) Trichlorofluoromethane	3.575	101	41523	0.221	ppbv	91
13) Ethanol	3.247	45	987625	71.512	ppbv	95
15) Acetone	3.478	43	838242	6.397	ppbv #	78
16) 1,3-Butadiene	2.973	39	240986	3.747	ppbv #	44
17) tert-Butyl alcohol	3.906	59	12635	0.106	ppbv #	70
19) Isopropyl Alcohol	3.587	45	377209	4.686	ppbv #	98
20) Methylene Chloride	3.947	84	766660	14.187	ppbv	94
21) Allyl Chloride	3.967	41	72609	0.909	ppbv #	72
23) Vinyl Acetate	4.626	43	177079	1.303	ppbv #	1
25) Ethyl Acetate	5.234	43	450481	1.831	ppbv #	86
26) Hexane	5.230	57	513241	4.648	ppbv #	47
29) Chloroform	5.292	83	6160	0.033	ppbv	90
30) Cyclohexane	6.623	84	42886	0.483	ppbv #	84
34) 2-Butanone	4.806	43	180361	1.335	ppbv	98
35) Carbon Tetrachloride	6.513	117	12640	0.071	ppbv	91
36) Benzene	6.391	78	577360	2.516	ppbv	96
39) 1,2-Dichloropropane	6.677	63	790584	8.681	ppbv #	22
41) Tetrahydrofuran	5.838	42	17477	0.202	ppbv #	38
43) Methyl Methacrylate	7.500	69	4809	0.060	ppbv #	1
44) 2,2,4-Trimethylpentane	7.353	57	1043313	2.744	ppbv	95
50) 4-Methyl-2-Pentanone	8.224	43	35922	0.155	ppbv #	47
52) Tetrachloroethene	10.648	164	4398	0.060	ppbv #	59
53) Toluene	9.250	91	2626483	10.822	ppbv	100
58) Ethyl Benzene	12.121	91	385552	1.284	ppbv	96
59) m/p-Xylene	12.378	91	643360	2.374	ppbv #	46
60) o-Xylene	13.085	91	373066	1.445	ppbv	99
61) Styrene	12.921	104	6696	0.059	ppbv #	27
64) n-propylbenzene	14.944	120	4643	0.048	ppbv #	1
69) p-Isopropyltoluene	17.021	119	11336	0.030	ppbv #	5
72) 4-Ethyltoluene	15.224	105	71233	0.250	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.371	105	13212	0.052	ppbv #	69
74) 1,2,4-Trimethylbenzene	16.137	105	211167	0.723	ppbv #	68

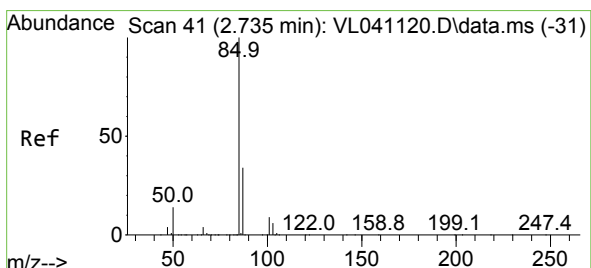
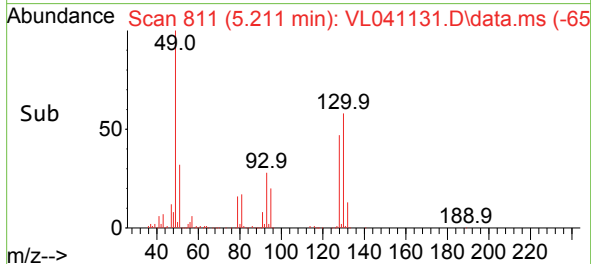
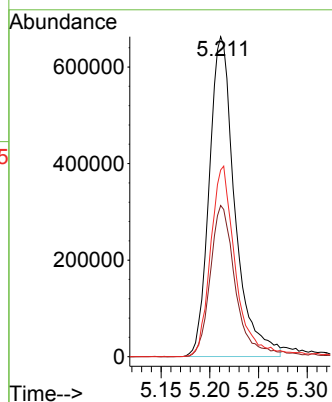
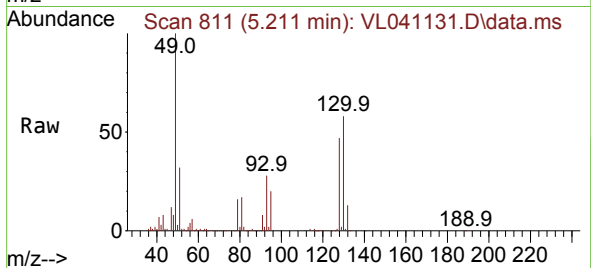
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

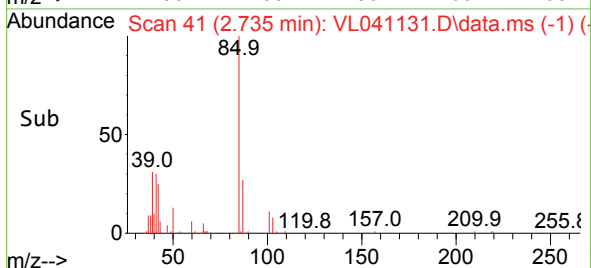
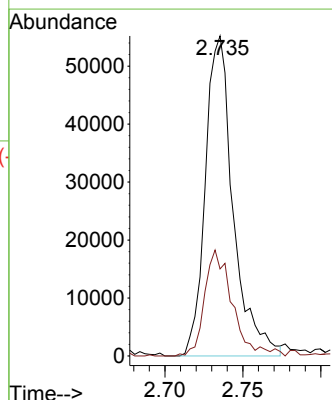
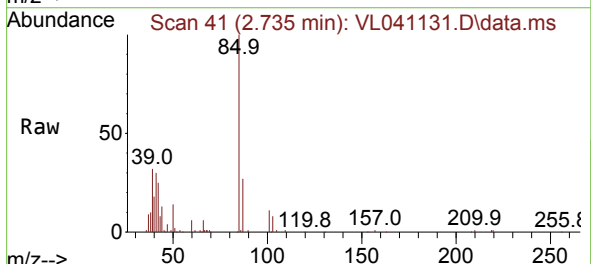
Instrument :
MSVOA_L
ClientSampleId :
IA1

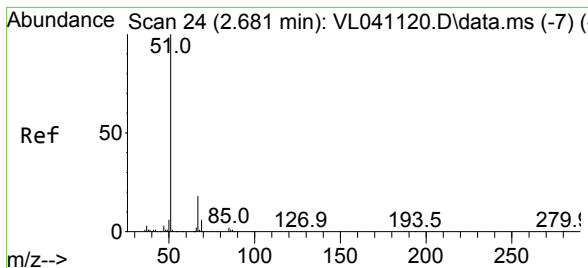
Tgt Ion: 49 Resp: 1210096
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.5
130 59.7 30.3 90.9



#2
Dichlorodifluoromethane
Concen: 0.331 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 85 Resp: 68684
Ion Ratio Lower Upper
85 100
87 26.6 28.1 42.1#





#3

Chlorodifluoromethane

Concen: 0.519 ppbv

RT: 2.677 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

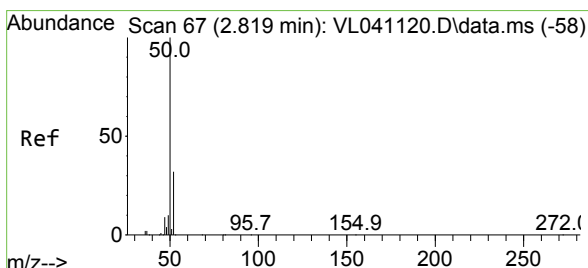
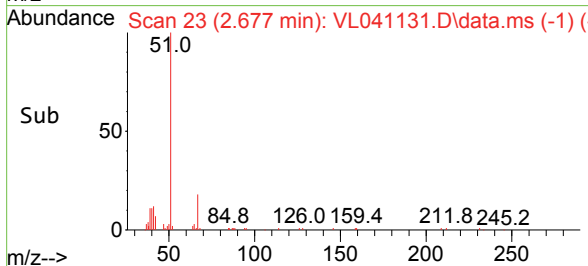
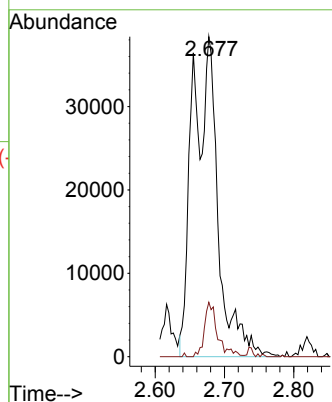
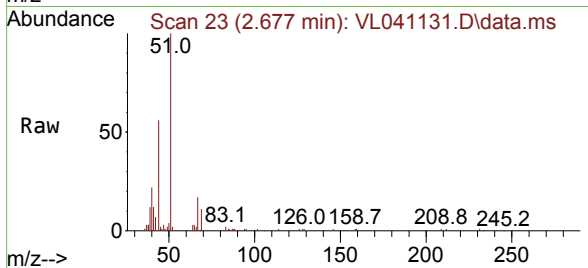
IA1

Tgt Ion: 51 Resp: 96728

Ion Ratio Lower Upper

51 100

67 9.6 14.5 21.7#



#4

Chloromethane

Concen: 0.581 ppbv

RT: 2.816 min Scan# 66

Delta R.T. -0.003 min

Lab File: VL041131.D

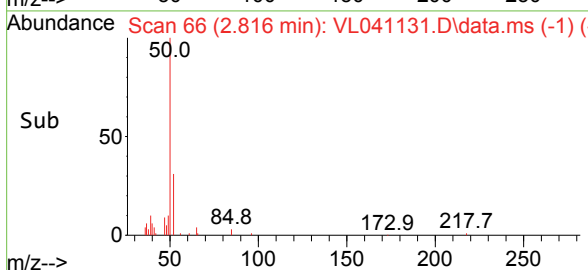
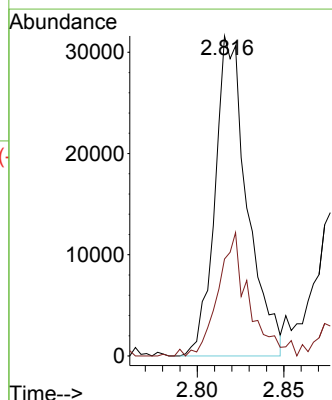
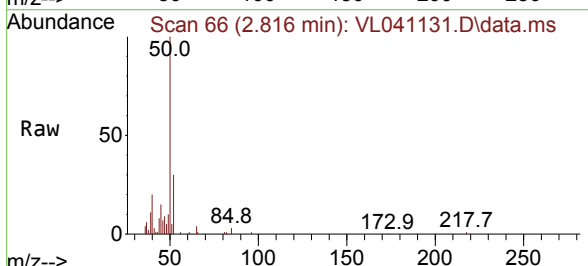
Acq: 4 Apr 2024 18:48

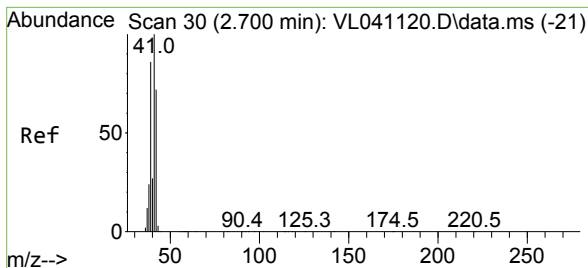
Tgt Ion: 50 Resp: 40997

Ion Ratio Lower Upper

50 100

52 28.7 26.6 40.0





#9

Propene

Concen: 7.743 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

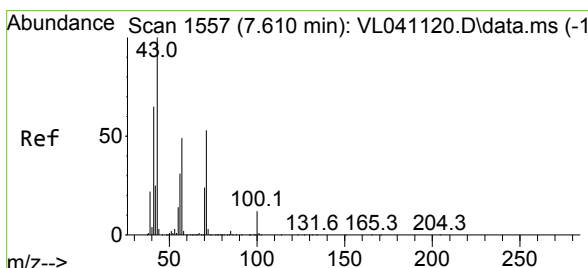
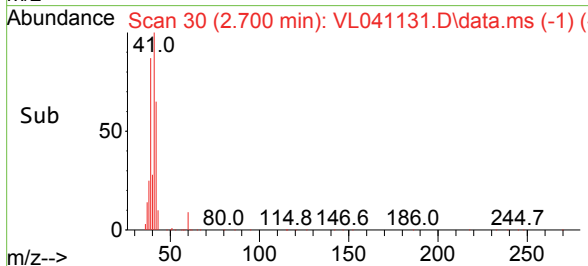
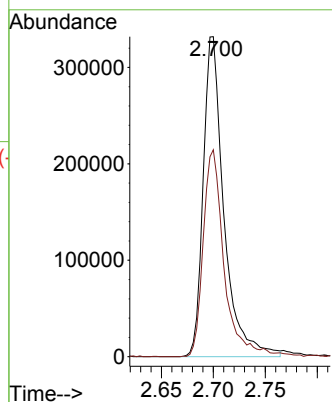
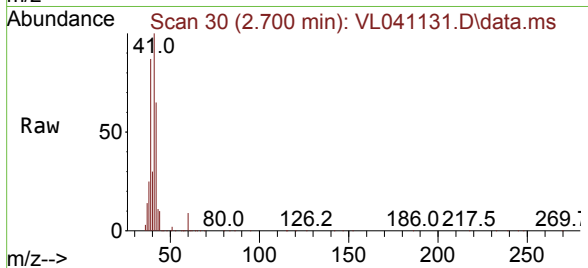
IA1

Tgt Ion: 41 Resp: 459084

Ion Ratio Lower Upper

41 100

42 66.0 55.9 83.9



#10

Heptane

Concen: 0.590 ppbv

RT: 7.607 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VL041131.D

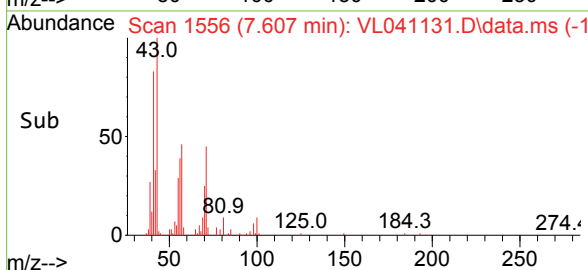
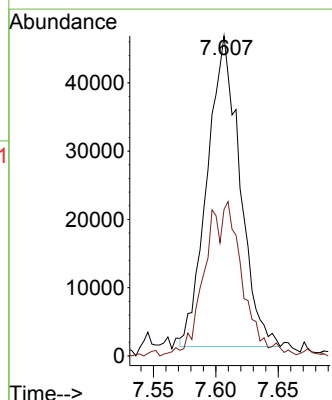
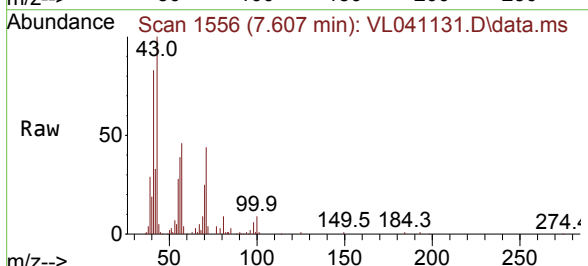
Acq: 4 Apr 2024 18:48

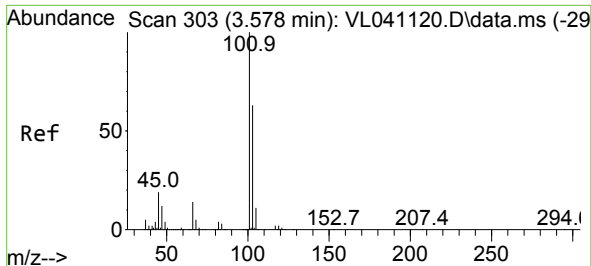
Tgt Ion: 43 Resp: 83107

Ion Ratio Lower Upper

43 100

57 58.4 41.0 61.6

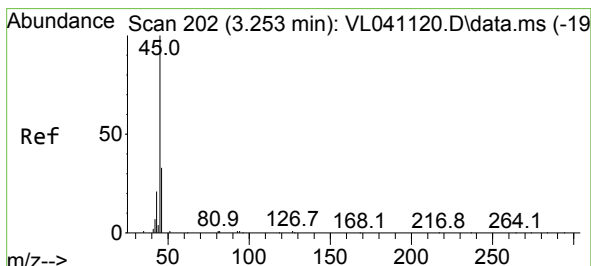
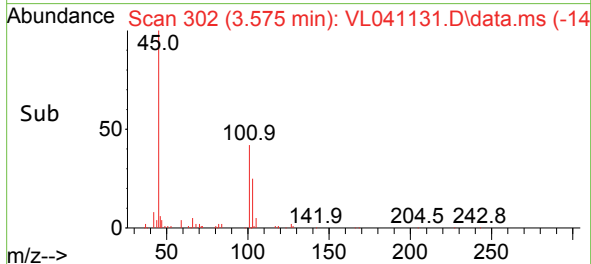
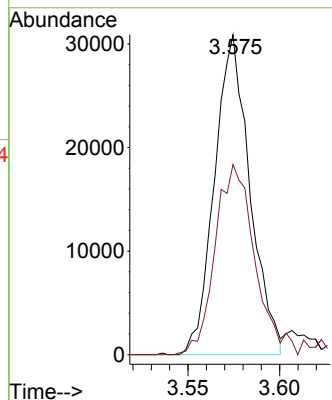
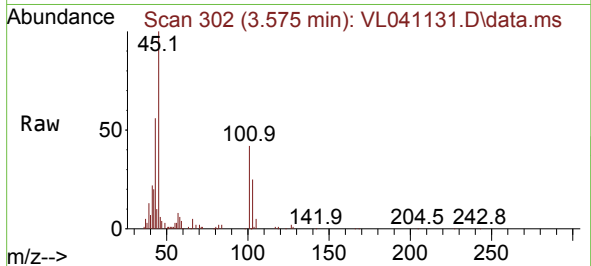




#11
Trichlorofluoromethane
Concen: 0.221 ppbv
RT: 3.575 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

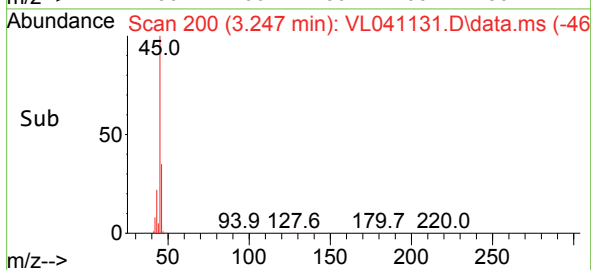
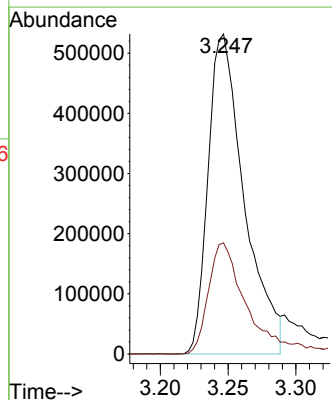
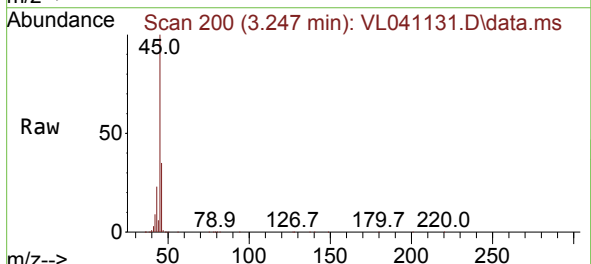
Instrument :
MSVOA_L
ClientSampleId :
IA1

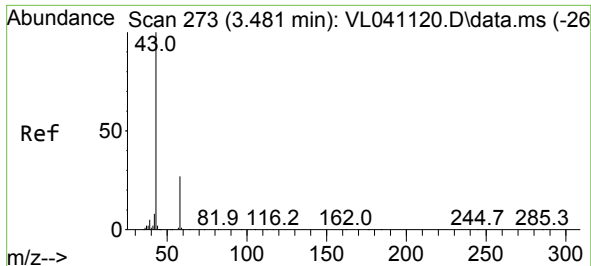
Tgt Ion:101 Resp: 41523
Ion Ratio Lower Upper
101 100
103 58.8 53.0 79.4



#13
Ethanol
Concen: 71.512 ppbv
RT: 3.247 min Scan# 200
Delta R.T. -0.006 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 45 Resp: 987625
Ion Ratio Lower Upper
45 100
46 39.2 14.6 58.2

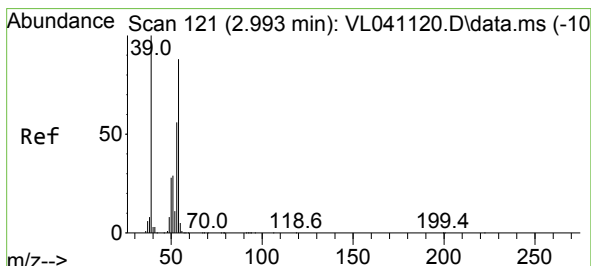
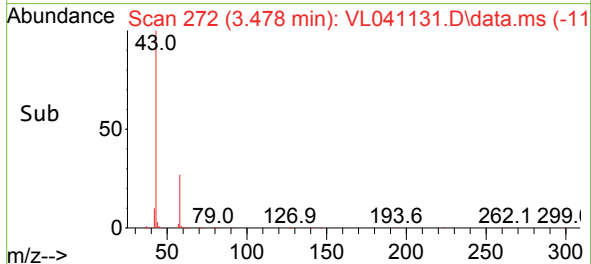
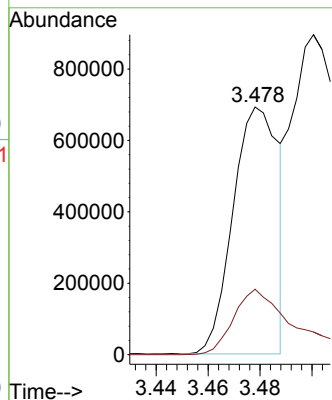
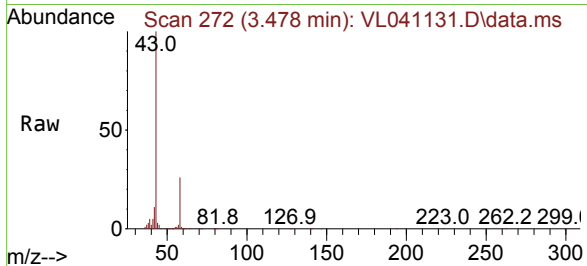




#15
Acetone
Concen: 6.397 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

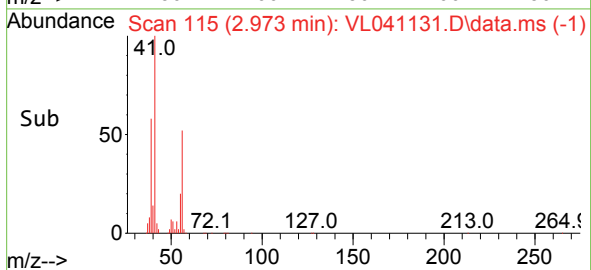
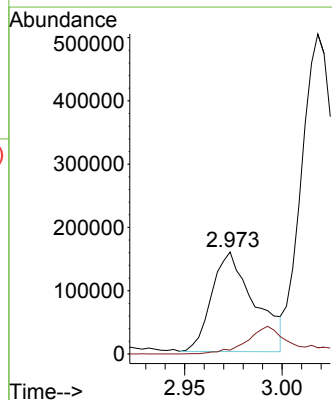
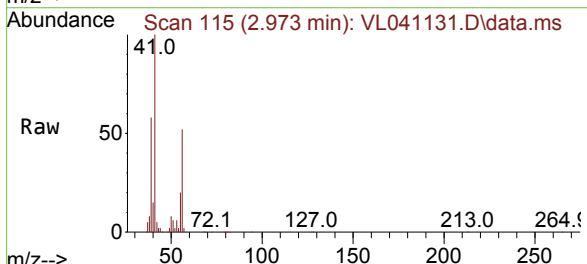
Instrument :
MSVOA_L
ClientSampleId :
IA1

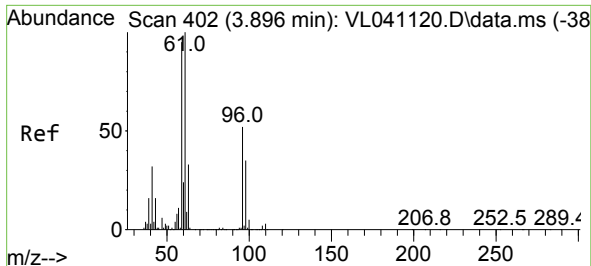
Tgt Ion: 43 Resp: 838242
Ion Ratio Lower Upper
43 100
58 38.3 21.7 32.5#



#16
1,3-Butadiene
Concen: 3.747 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.019 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 39 Resp: 240986
Ion Ratio Lower Upper
39 100
54 30.4 64.0 96.0#





#17

tert-Butyl alcohol

Concen: 0.106 ppbv

RT: 3.906 min Scan# 402

Delta R.T. 0.010 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

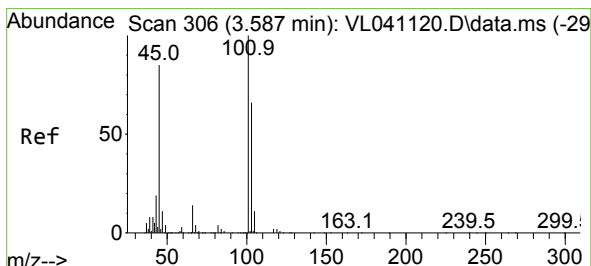
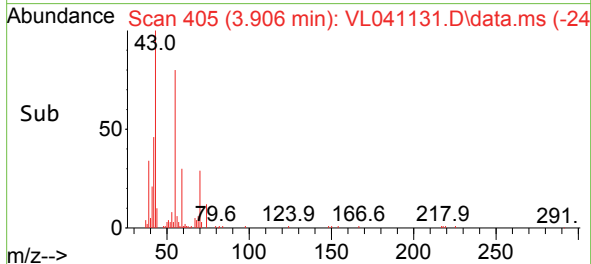
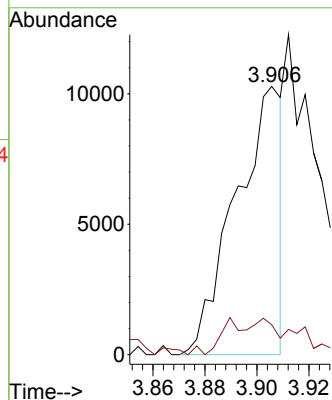
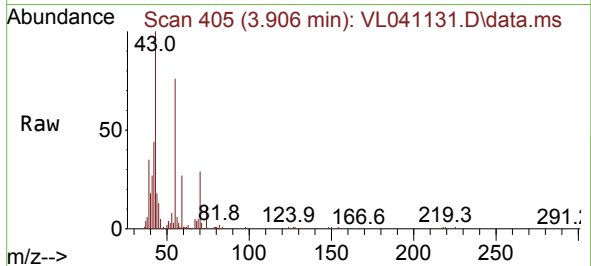
IA1

Tgt Ion: 59 Resp: 12635

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



#19

Isopropyl Alcohol

Concen: 4.686 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.000 min

Lab File: VL041131.D

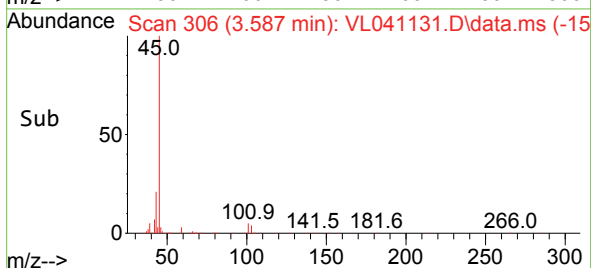
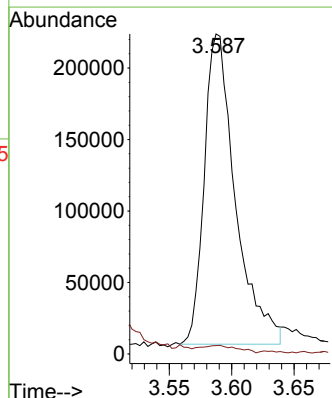
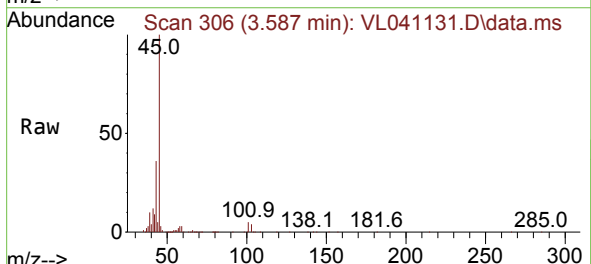
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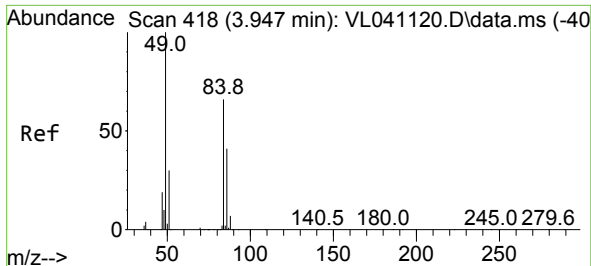
Tgt Ion: 45 Resp: 377209

Ion Ratio Lower Upper

45 100

58 3.5 2.2 3.4#

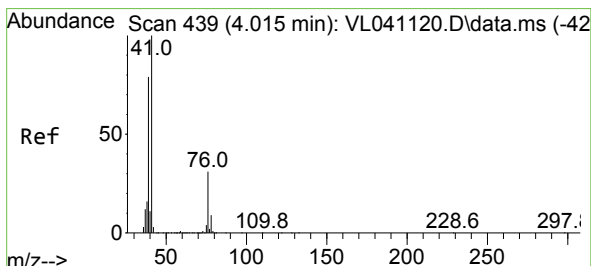
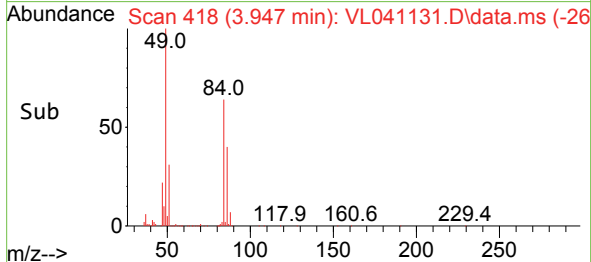
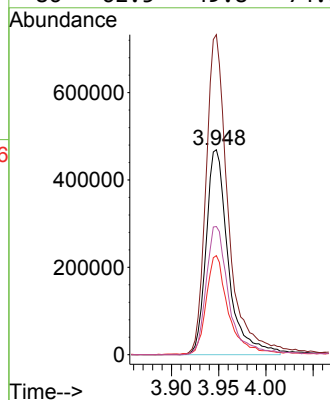
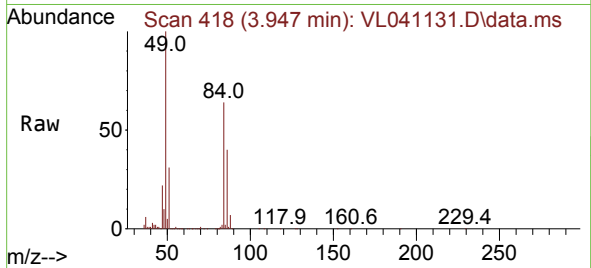




#20
Methylene Chloride
Concen: 14.187 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

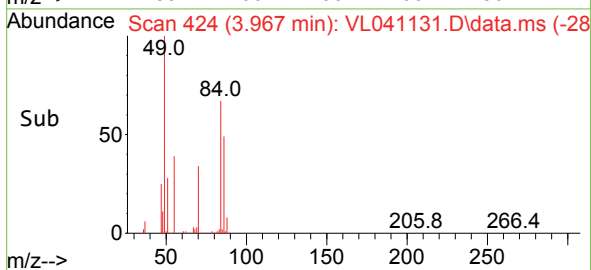
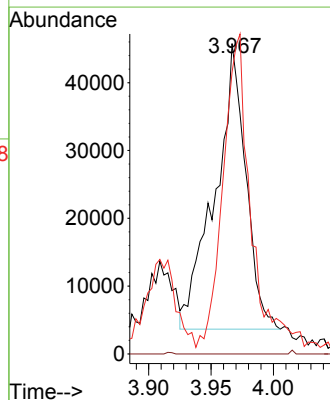
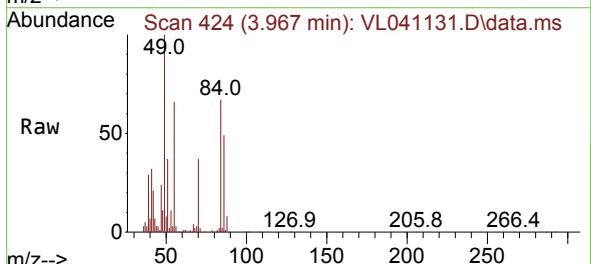
Instrument :
MSVOA_L
ClientSampleId :
IA1

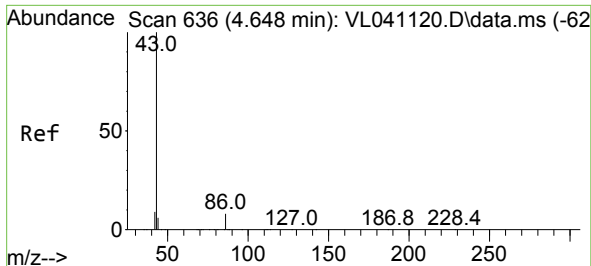
Tgt Ion: 84 Resp: 766660
Ion Ratio Lower Upper
84 100
49 156.1 117.0 175.6
51 47.9 34.9 52.3
86 62.5 49.8 74.6



#21
Allyl Chloride
Concen: 0.909 ppbv
RT: 3.967 min Scan# 424
Delta R.T. -0.048 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 41 Resp: 72609
Ion Ratio Lower Upper
41 100
76 0.0 25.5 38.3#
39 100.0 67.4 101.2

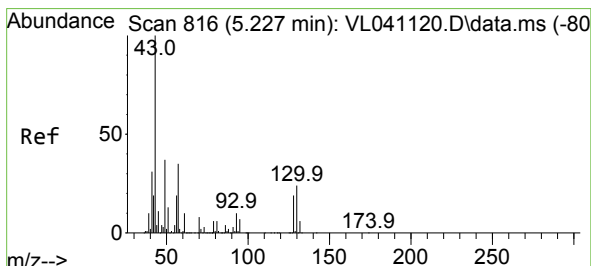
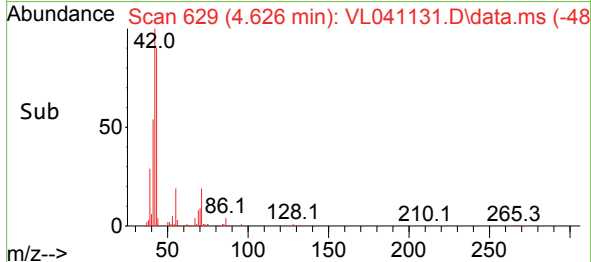
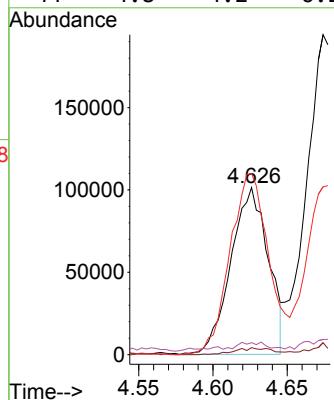
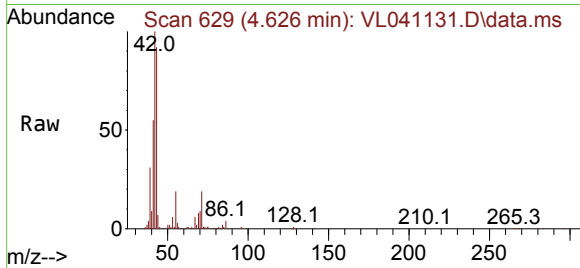




#23
Vinyl Acetate
Concen: 1.303 ppbv
RT: 4.626 min Scan# 61
Delta R.T. -0.022 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

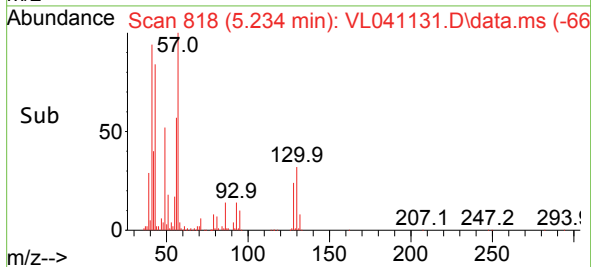
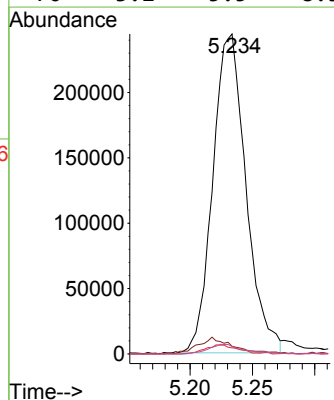
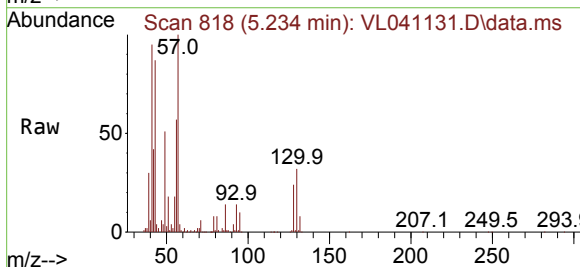
Instrument :
MSVOA_L
ClientSampleId :
IA1

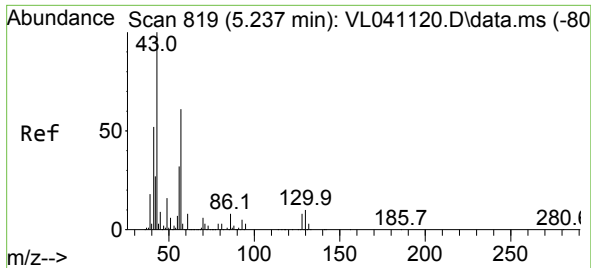
Tgt Ion: 43 Resp: 177079
Ion Ratio Lower Upper
43 100
86 4.2 5.4 8.2#
42 108.6 8.0 12.0#
44 4.8 4.2 6.2



#25
Ethyl Acetate
Concen: 1.831 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.006 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 43 Resp: 450481
Ion Ratio Lower Upper
43 100
45 6.1 8.2 12.2#
61 2.9 8.2 12.2#
70 3.2 5.5 8.3#

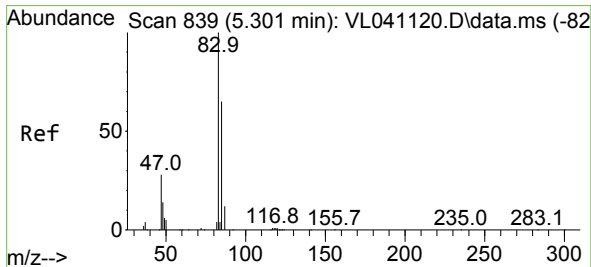
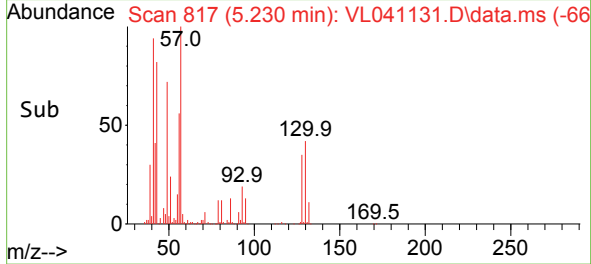
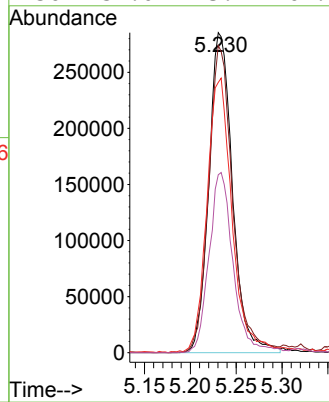
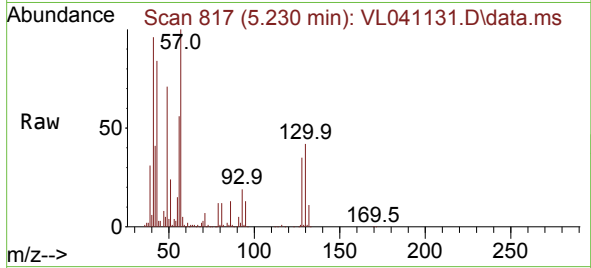




#26
Hexane
Concen: 4.648 ppbv
RT: 5.230 min Scan# 819
Delta R.T. -0.006 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

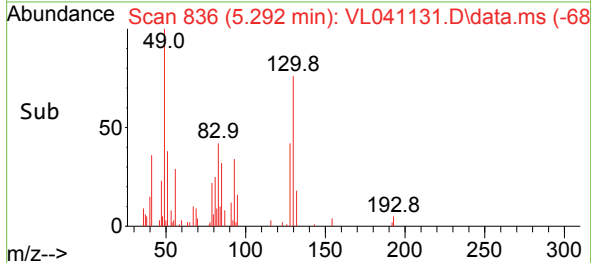
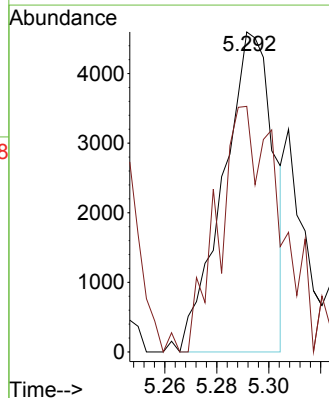
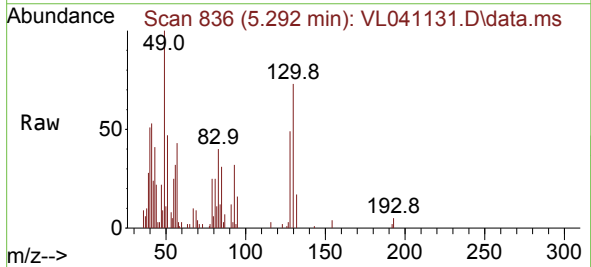
Instrument :
MSVOA_L
ClientSampleId :
IA1

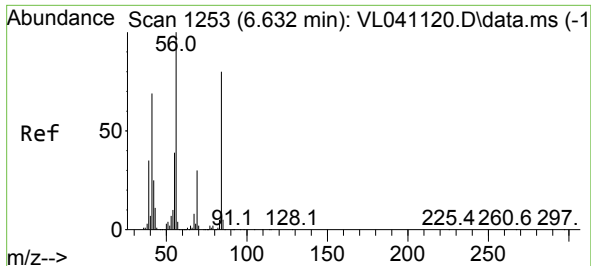
Tgt Ion: 57 Resp: 513241
Ion Ratio Lower Upper
57 100
41 99.7 73.8 110.6
43 92.3 184.2 276.2#
56 57.0 43.1 64.7



#29
Chloroform
Concen: 0.033 ppbv
RT: 5.292 min Scan# 836
Delta R.T. -0.010 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 83 Resp: 6160
Ion Ratio Lower Upper
83 100
85 76.7 54.6 82.0

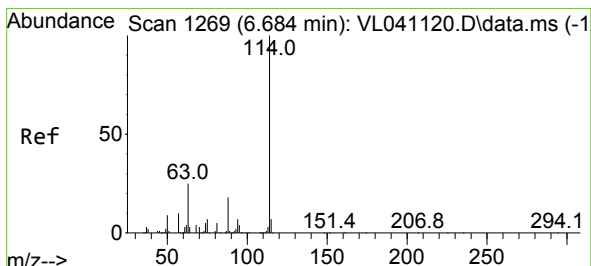
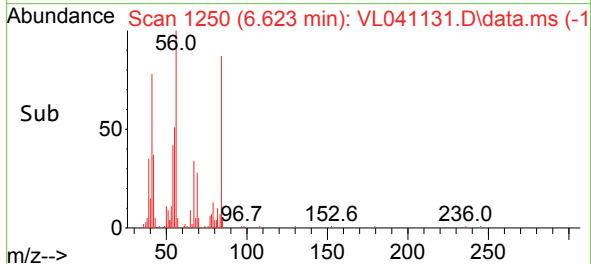
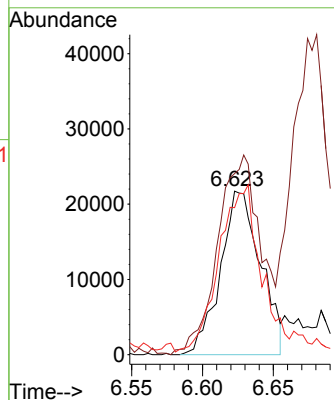
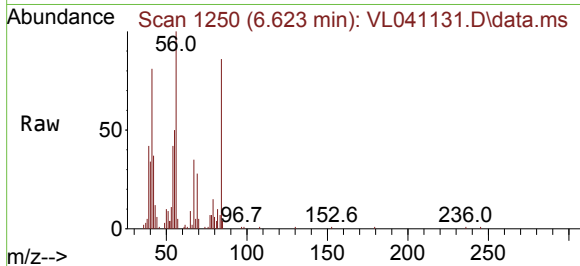




#30
Cyclohexane
Concen: 0.483 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. -0.010 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

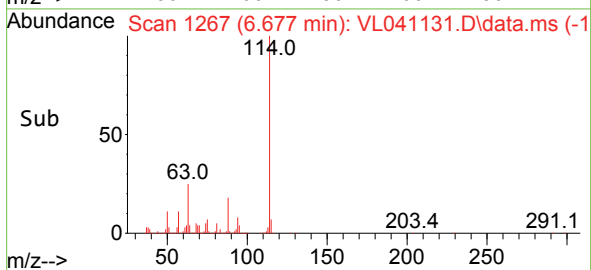
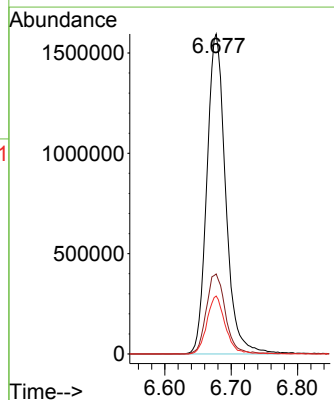
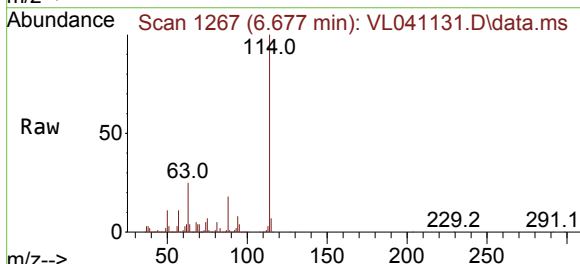
Instrument :
MSVOA_L
ClientSampleId :
IA1

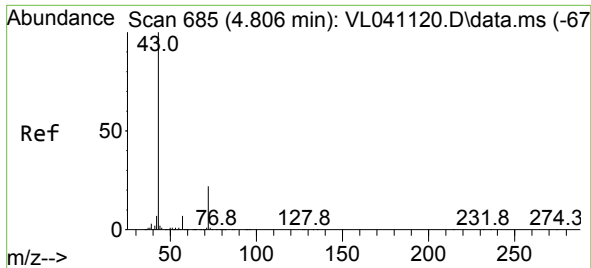
Tgt Ion: 84 Resp: 42886
Ion Ratio Lower Upper
84 100
56 121.8 110.4 165.6
41 107.0 70.6 105.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 114 Resp: 3127728
Ion Ratio Lower Upper
114 100
63 25.9 21.0 31.6
88 17.9 14.6 22.0

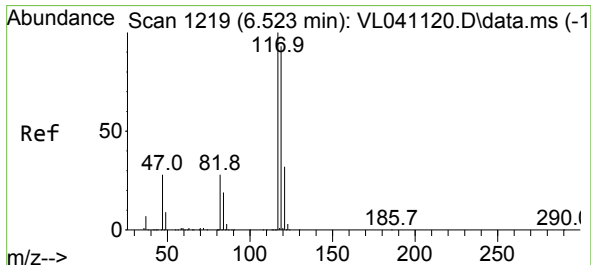
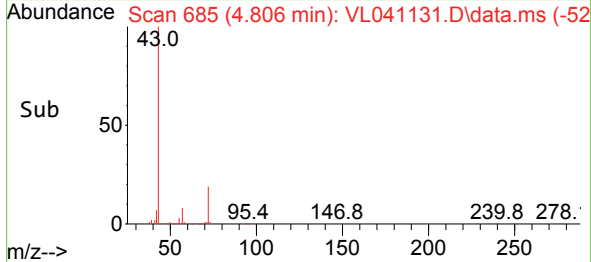
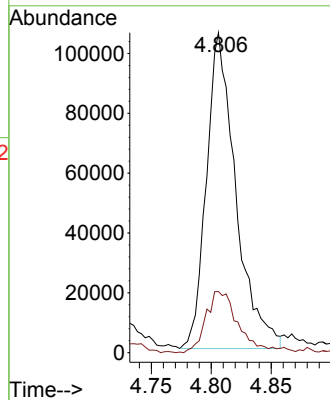
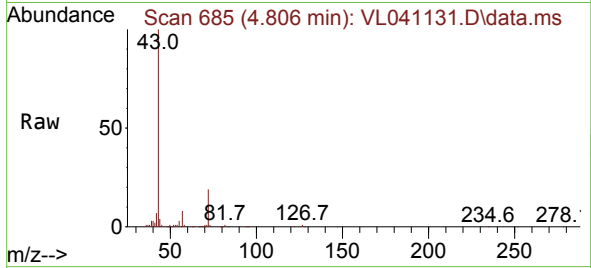




#34
2-Butanone
Concen: 1.335 ppbv
RT: 4.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

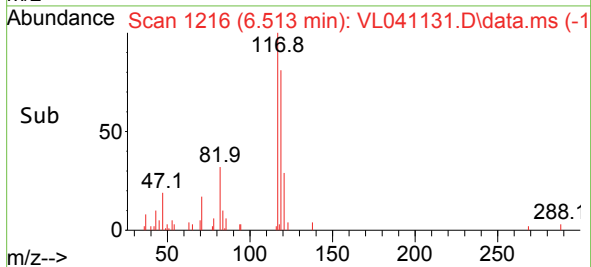
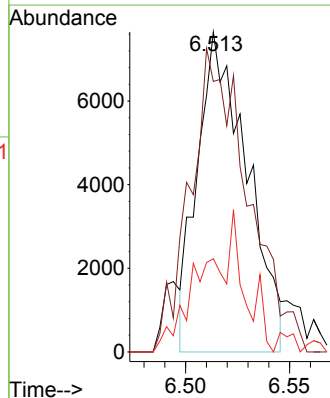
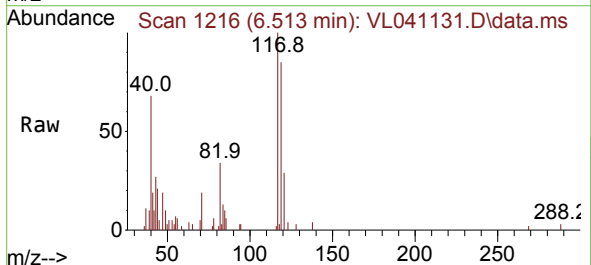
Instrument :
MSVOA_L
ClientSampleId :
IA1

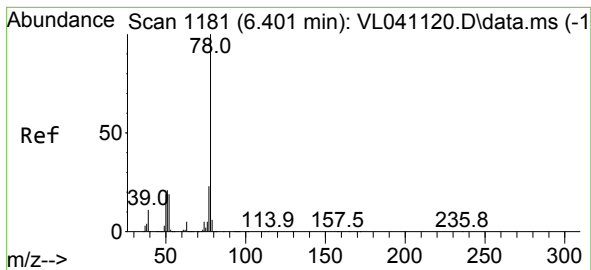
Tgt Ion: 43 Resp: 180361
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.0



#35
Carbon Tetrachloride
Concen: 0.071 ppbv
RT: 6.513 min Scan# 1216
Delta R.T. -0.010 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 117 Resp: 12640
Ion Ratio Lower Upper
117 100
119 84.2 75.6 113.4
121 26.5 23.4 35.2





#36

Benzene

Concen: 2.516 ppbv

RT: 6.391 min Scan# 1178

Delta R.T. -0.010 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

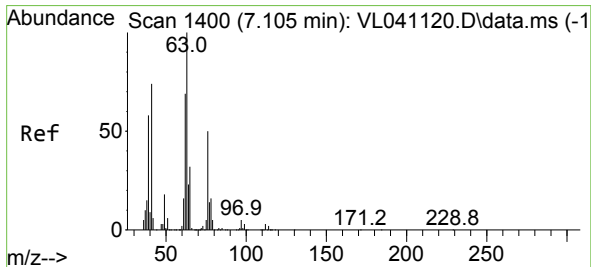
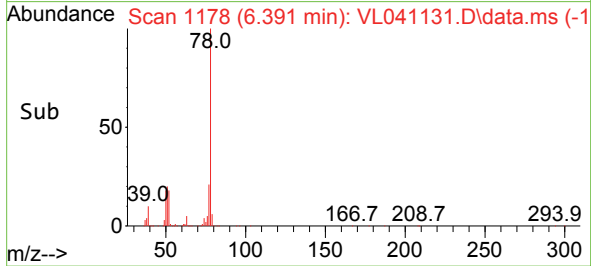
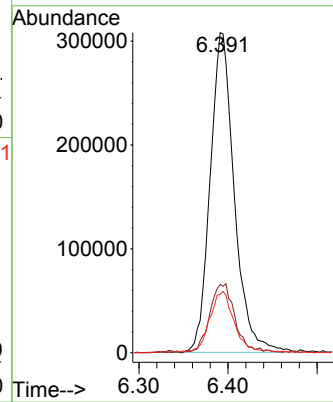
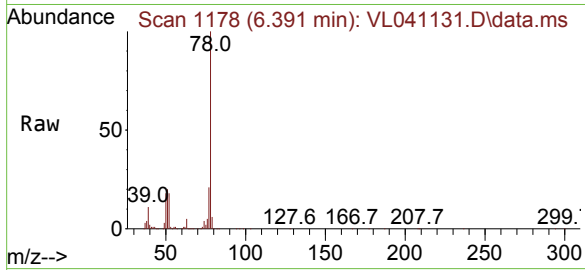
Tgt Ion: 78 Resp: 577360

Ion Ratio Lower Upper

78 100

77 21.3 18.8 28.2

50 17.9 15.5 23.3



#39

1,2-Dichloropropane

Concen: 8.681 ppbv

RT: 6.677 min Scan# 1267

Delta R.T. -0.428 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

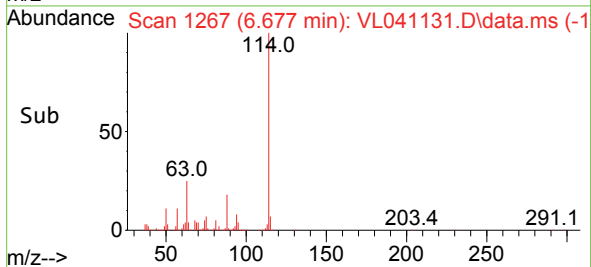
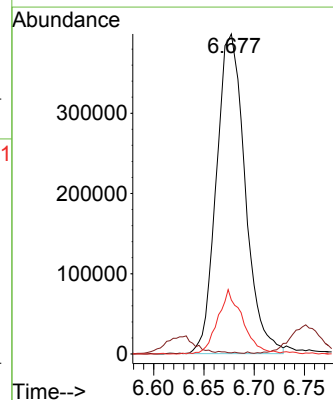
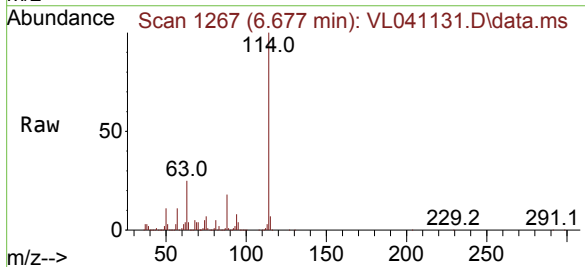
Tgt Ion: 63 Resp: 790584

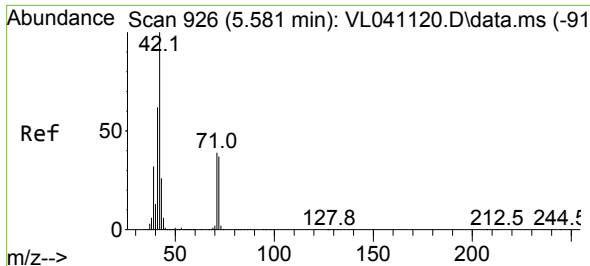
Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 16.6 57.0 85.4#





#41

Tetrahydrofuran

Concen: 0.202 ppbv

RT: 5.838 min Scan# 1006

Delta R.T. 0.257 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

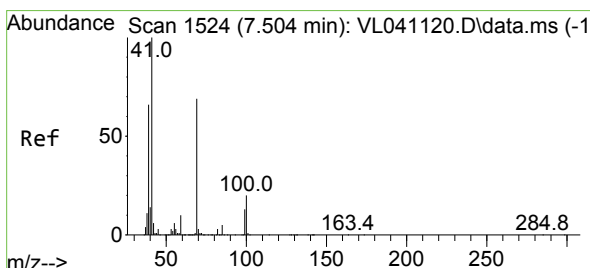
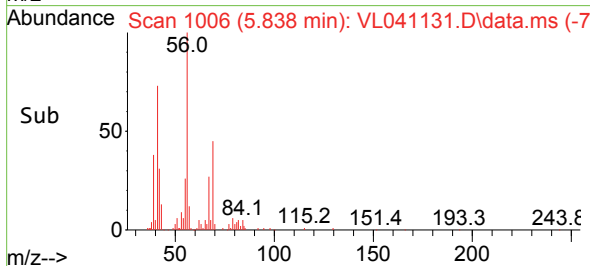
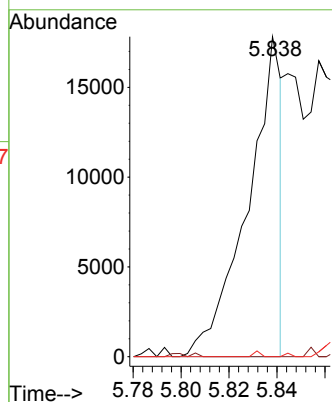
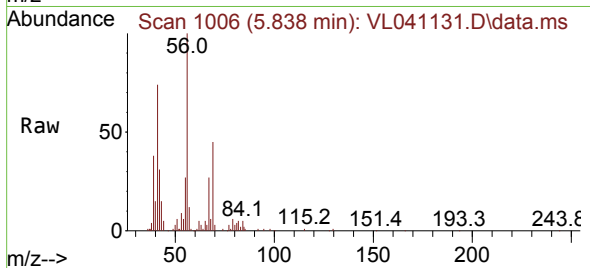
Tgt Ion: 42 Resp: 17477

Ion Ratio Lower Upper

42 100

72 0.6 30.7 46.1#

71 0.0 29.6 44.4#



#43

Methyl Methacrylate

Concen: 0.060 ppbv

RT: 7.500 min Scan# 1523

Delta R.T. -0.003 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

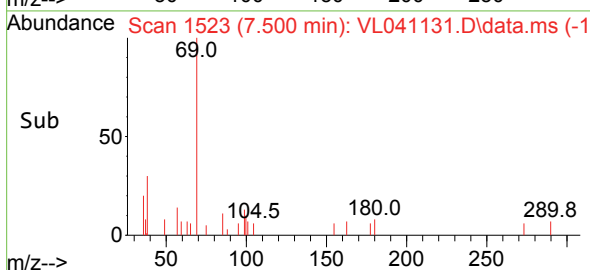
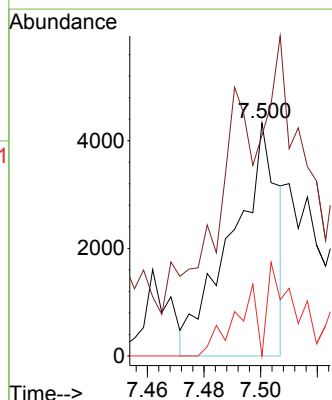
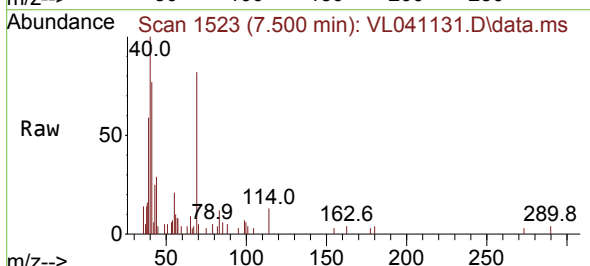
Tgt Ion: 69 Resp: 4809

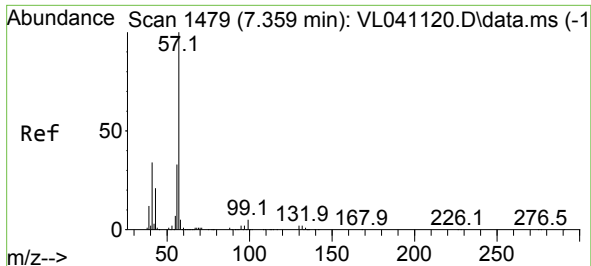
Ion Ratio Lower Upper

69 100

41 0.0 118.2 177.4#

100 48.8 24.8 37.2#



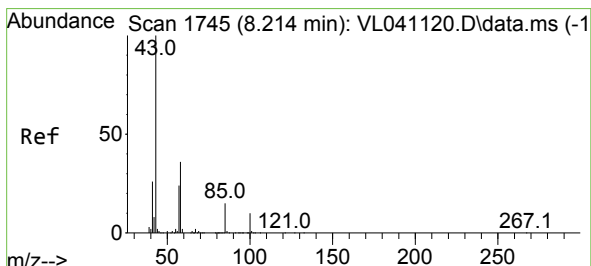
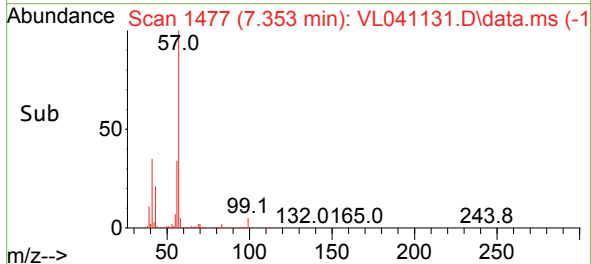
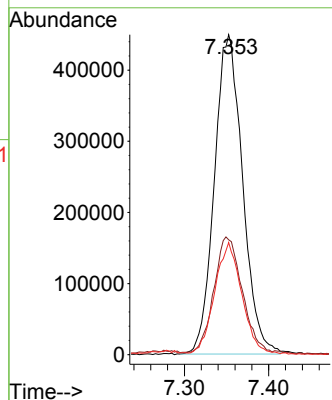
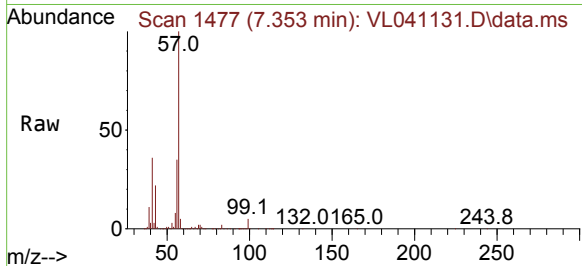


#44
 2,2,4-Trimethylpentane
 Concen: 2.744 ppbv
 RT: 7.353 min Scan# 1479
 Delta R.T. -0.006 min
 Lab File: VL041131.D
 Acq: 4 Apr 2024 18:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tgt Ion: 57 Resp: 1043313

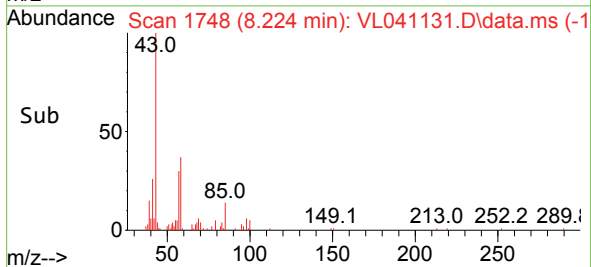
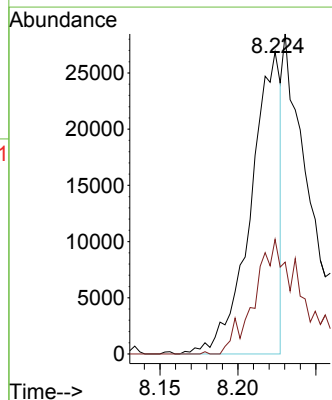
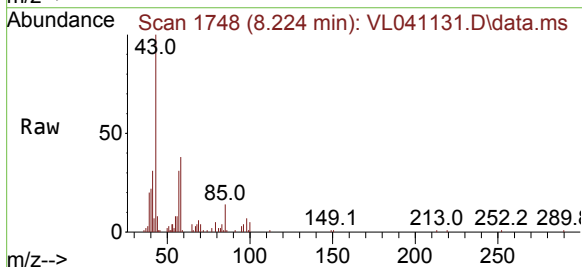
Ion	Ratio	Lower	Upper
57	100		
41	38.2	28.0	42.0
56	34.5	25.7	38.5

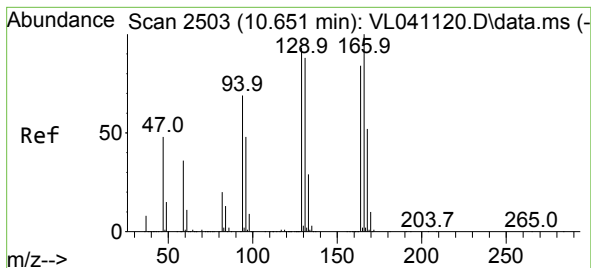


#50
 4-Methyl-2-Pentanone
 Concen: 0.155 ppbv
 RT: 8.224 min Scan# 1748
 Delta R.T. 0.010 min
 Lab File: VL041131.D
 Acq: 4 Apr 2024 18:48

Tgt Ion: 43 Resp: 35922

Ion	Ratio	Lower	Upper
43	100		
58	66.2	28.3	42.5#





#52

Tetrachloroethene

Concen: 0.060 ppbv

RT: 10.648 min Scan# 2067

Delta R.T. -0.003 min

Lab File: VL041131.D

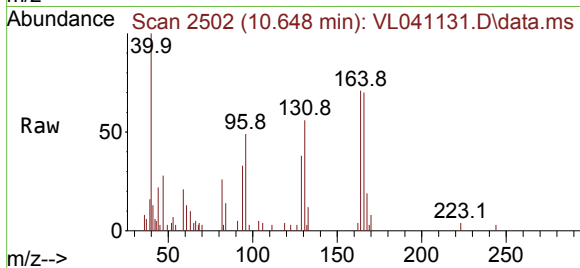
Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1



Tgt Ion:164 Resp: 4398

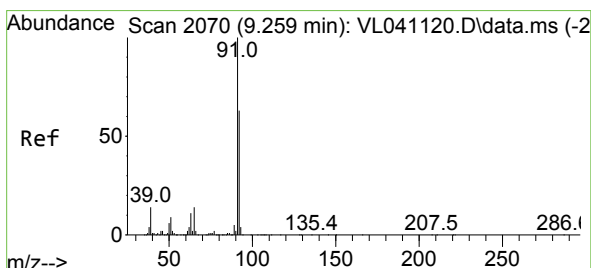
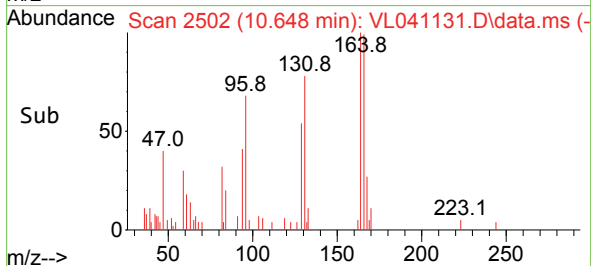
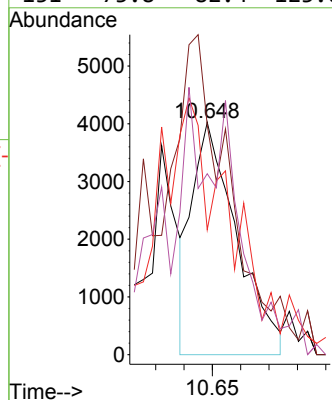
Ion Ratio Lower Upper

164 100

166 81.5 100.6 150.8#

129 49.5 87.2 130.8#

131 73.8 82.4 123.6#



#53

Toluene

Concen: 10.822 ppbv

RT: 9.250 min Scan# 2067

Delta R.T. -0.010 min

Lab File: VL041131.D

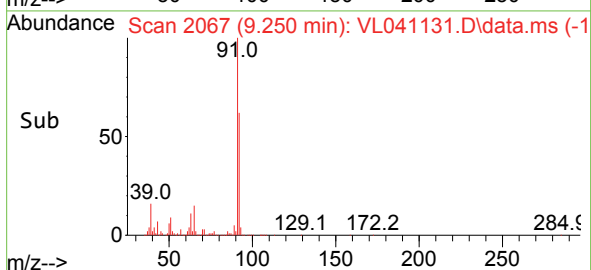
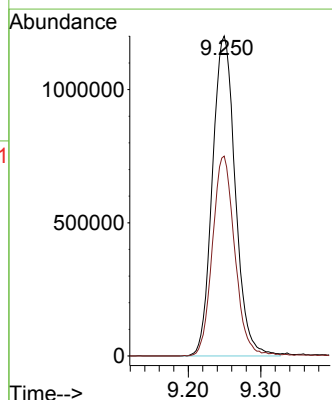
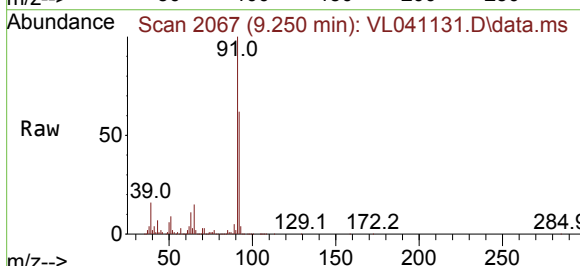
Acq: 4 Apr 2024 18:48

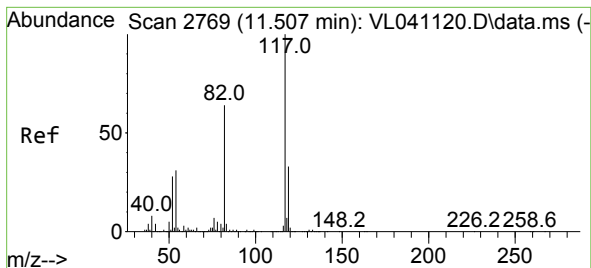
Tgt Ion: 91 Resp: 2626483

Ion Ratio Lower Upper

91 100

92 61.5 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.494 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

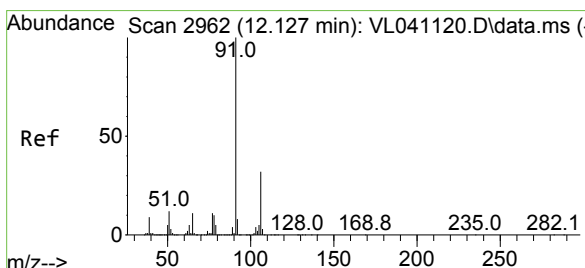
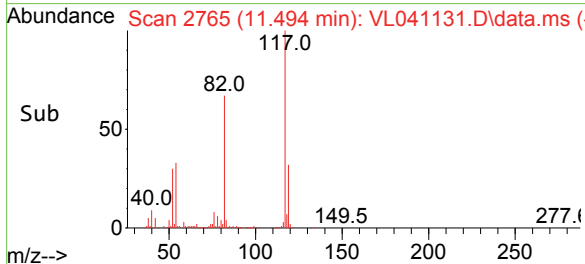
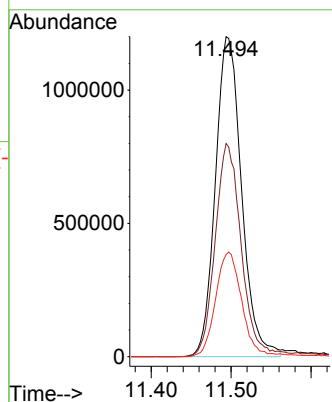
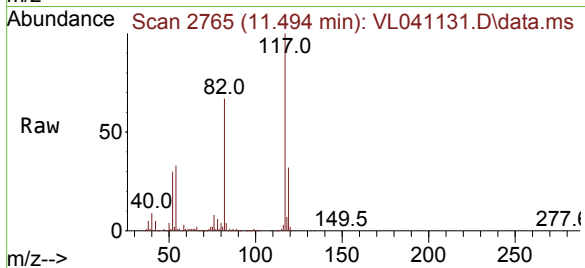
Tgt Ion:117 Resp: 2727657

Ion Ratio Lower Upper

117 100

82 68.2 51.4 77.2

119 33.3 23.7 35.5



#58

Ethyl Benzene

Concen: 1.284 ppbv

RT: 12.121 min Scan# 2960

Delta R.T. -0.006 min

Lab File: VL041131.D

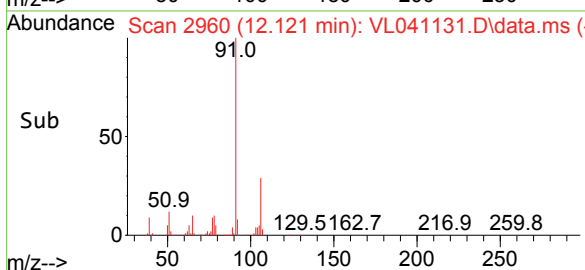
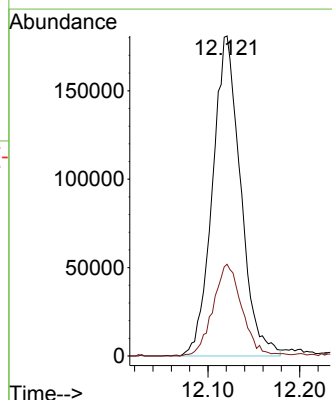
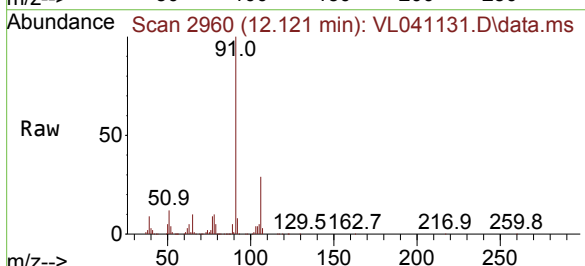
Acq: 4 Apr 2024 18:48

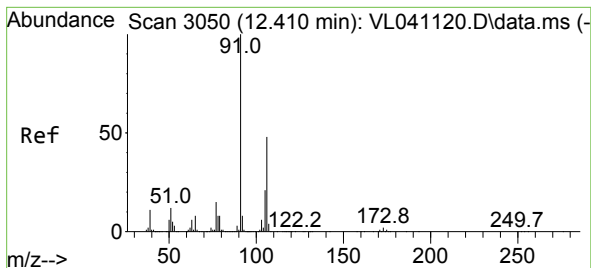
Tgt Ion: 91 Resp: 385552

Ion Ratio Lower Upper

91 100

106 28.7 24.6 36.8

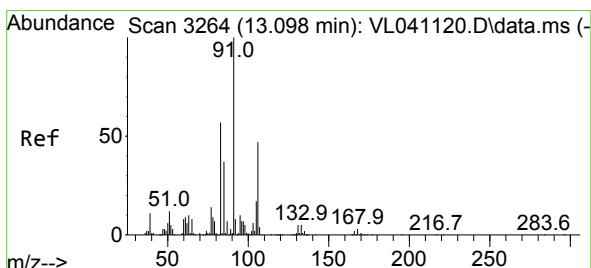
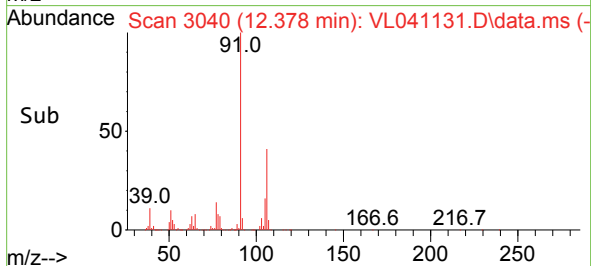
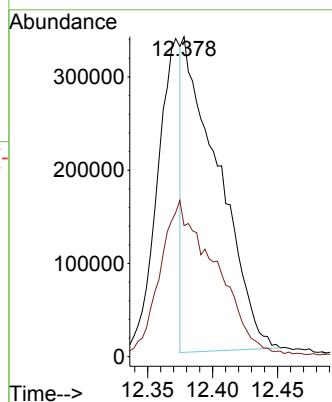
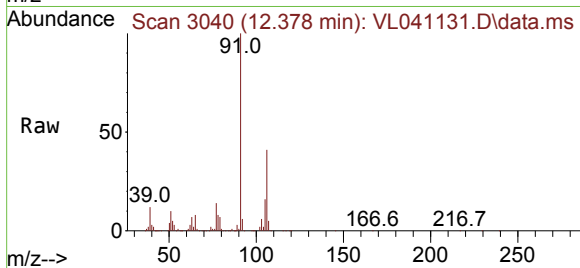




#59
m/p-Xylene
Concen: 2.374 ppbv
RT: 12.378 min Scan# 3050
Delta R.T. -0.032 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

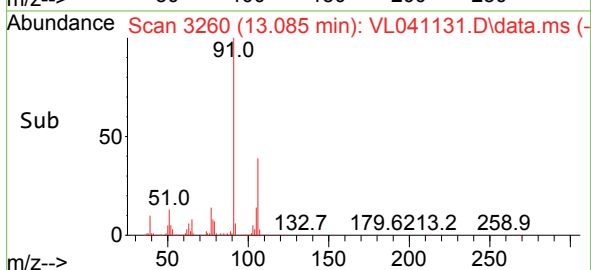
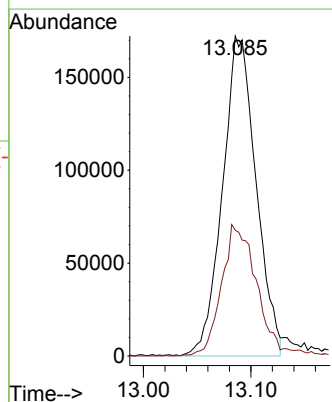
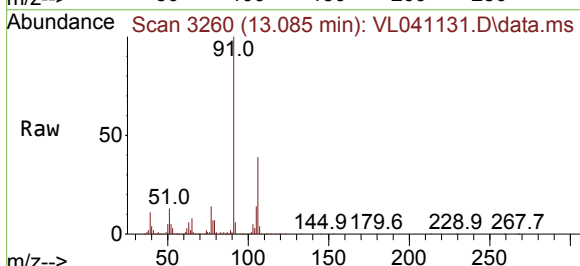
Instrument :
MSVOA_L
ClientSampleId :
IA1

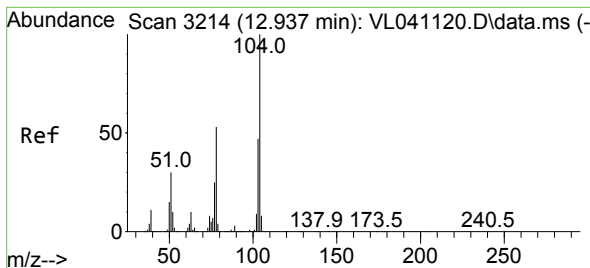
Tgt Ion: 91 Resp: 643360
Ion Ratio Lower Upper
91 100
106 79.1 35.4 53.2#



#60
o-Xylene
Concen: 1.445 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. -0.013 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 91 Resp: 373066
Ion Ratio Lower Upper
91 100
106 43.9 22.4 67.3





#61

Styrene

Concen: 0.059 ppbv

RT: 12.921 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

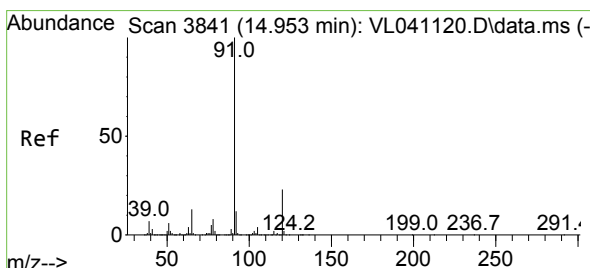
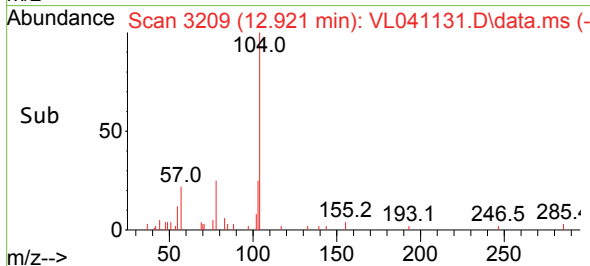
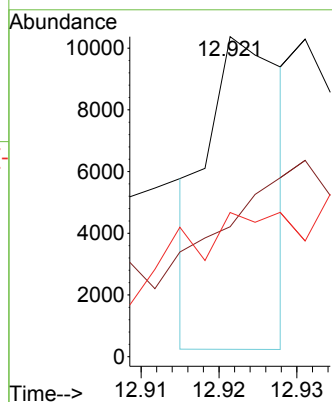
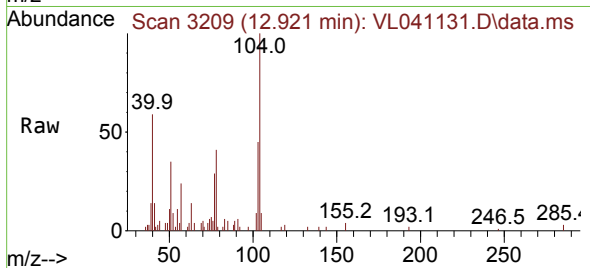
Tgt Ion:104 Resp: 6696

Ion Ratio Lower Upper

104 100

78 0.0 42.6 64.0#

103 0.0 37.3 55.9#



#64

n-propylbenzene

Concen: 0.048 ppbv

RT: 14.944 min Scan# 3838

Delta R.T. -0.010 min

Lab File: VL041131.D

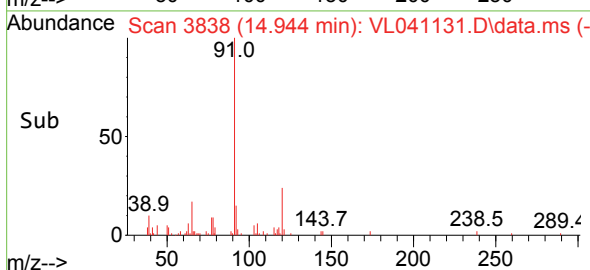
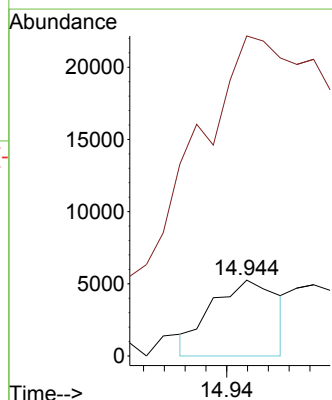
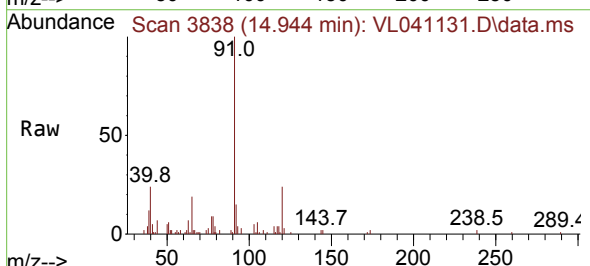
Acq: 4 Apr 2024 18:48

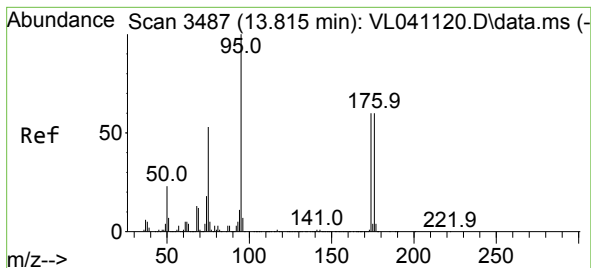
Tgt Ion:120 Resp: 4643

Ion Ratio Lower Upper

120 100

91 1197.7 387.5 581.3#

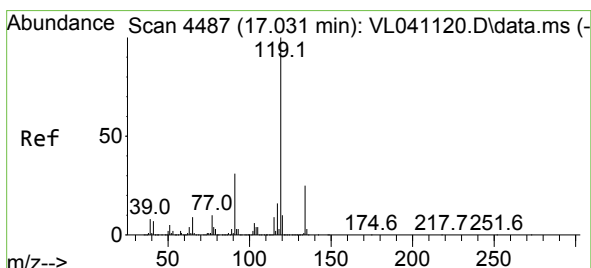
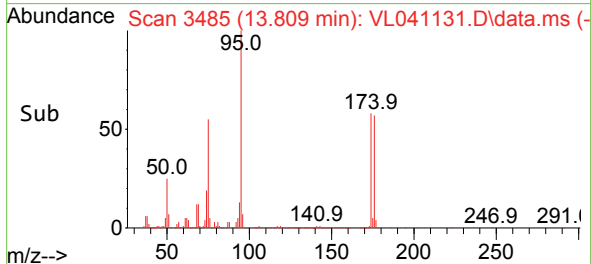
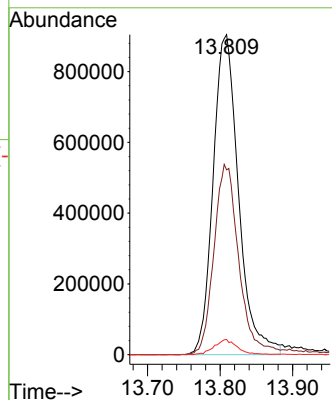
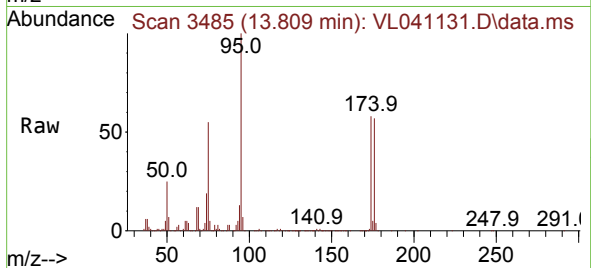




#68
1-Bromo-4-Fluorobenzene
Concen: 10.034 ppbv
RT: 13.809 min Scan# 3485
Delta R.T. -0.006 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

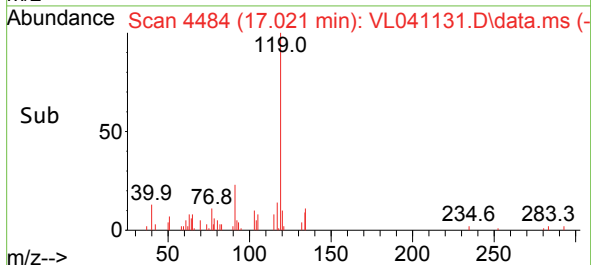
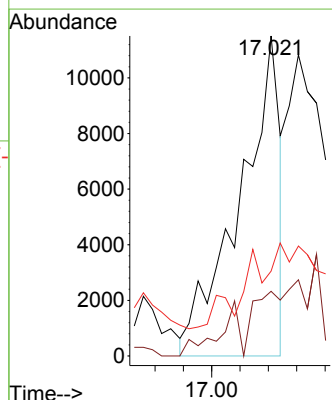
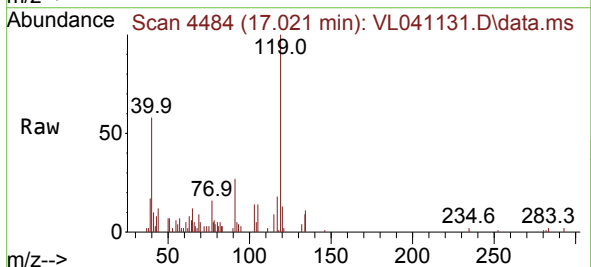
Instrument :
MSVOA_L
ClientSampleId :
IA1

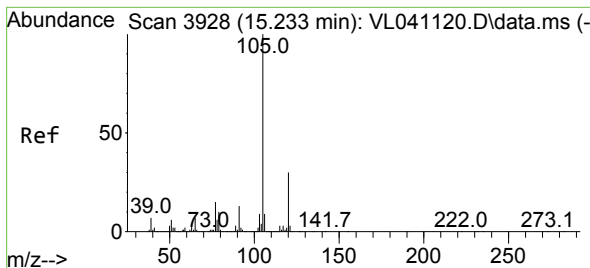
Tgt Ion: 95 Resp: 2209783
Ion Ratio Lower Upper
95 100
174 60.0 47.8 71.8
175 4.3 3.5 5.3



#69
p-Isopropyltoluene
Concen: 0.030 ppbv
RT: 17.021 min Scan# 4484
Delta R.T. -0.010 min
Lab File: VL041131.D
Acq: 4 Apr 2024 18:48

Tgt Ion: 119 Resp: 11336
Ion Ratio Lower Upper
119 100
134 0.0 20.6 30.8#
91 103.1 24.7 37.1#





#72

4-Ethyltoluene

Concen: 0.250 ppbv

RT: 15.224 min Scan# 3925

Delta R.T. -0.010 min

Lab File: VL041131.D

Acq: 4 Apr 2024 18:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:105 Resp: 71233

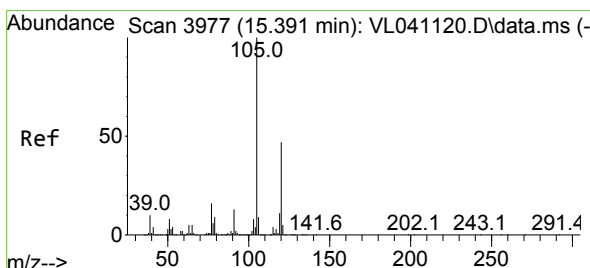
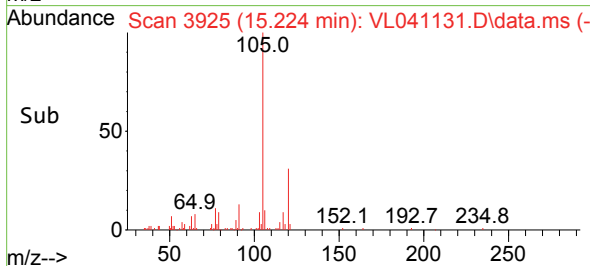
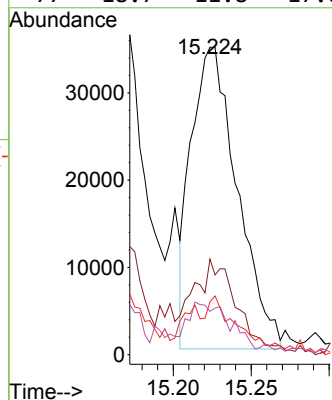
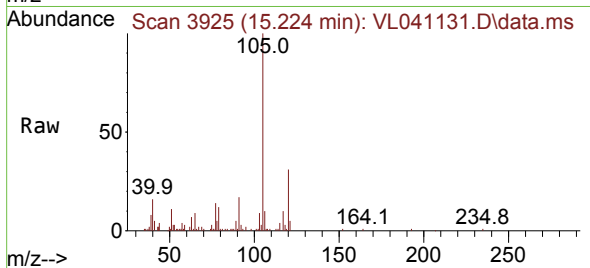
Ion Ratio Lower Upper

105 100

120 37.7 23.8 35.8#

91 21.0 10.9 16.3#

77 18.7 11.8 17.6#



#73

1,3,5-Trimethylbenzene

Concen: 0.052 ppbv

RT: 15.371 min Scan# 3971

Delta R.T. -0.019 min

Lab File: VL041131.D

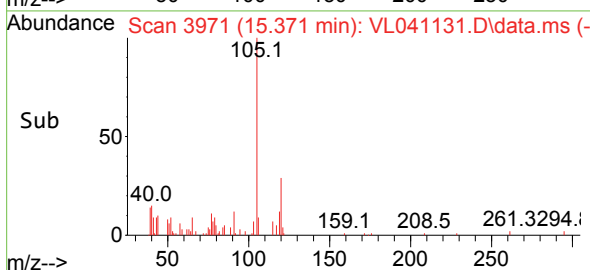
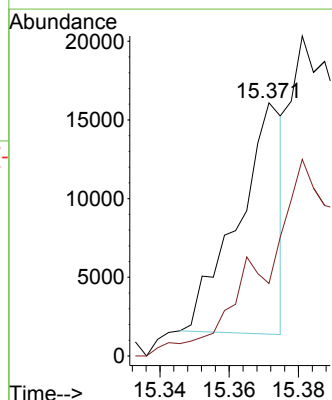
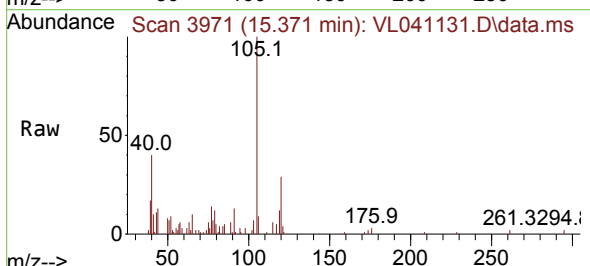
Acq: 4 Apr 2024 18:48

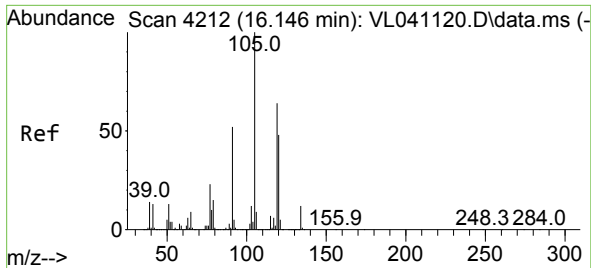
Tgt Ion:105 Resp: 13212

Ion Ratio Lower Upper

105 100

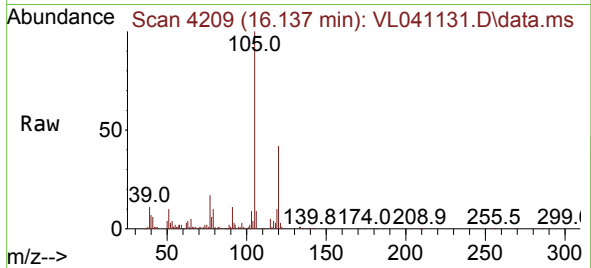
120 27.5 38.7 58.1#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.723 ppbv
 RT: 16.137 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041131.D
 Acq: 4 Apr 2024 18:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion:	105	Resp:	211167
Ion	Ratio	Lower	Upper
105	100		
120	42.6	40.4	60.6
91	10.4	41.4	62.0#
77	16.2	19.0	28.4#

