

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
 Data File : VL040986.D
 Acq On : 16 Jan 2024 14:34
 Operator : SY/MD
 Sample : P1138-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 17 00:26:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 17 00:20:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1055545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3138326	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2849907	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2192244	10.443	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	10502	0.052	ppbv	97
3) Chlorodifluoromethane	2.671	51	7839	0.049	ppbv #	80
4) Chloromethane	2.809	50	2085	0.036	ppbv #	71
9) Propene	2.690	41	470834	8.984	ppbv	99
10) Heptane	7.594	43	1237790	9.501	ppbv	97
13) Ethanol	3.237	45	2379506	179.965	ppbv	96
15) Acetone	3.494	43	3043241	24.039	ppbv #	58
16) 1,3-Butadiene	2.980	39	83930	1.540	ppbv #	50
19) Isopropyl Alcohol	3.237	45	2379506	36.022	ppbv #	95
20) Methylene Chloride	3.938	84	85875	1.903	ppbv #	92
21) Allyl Chloride	3.960	41	214989	2.873	ppbv #	47
23) Vinyl Acetate	4.613	43	617858	4.424	ppbv #	1
25) Ethyl Acetate	5.221	43	1245344	5.677	ppbv #	77
26) Hexane	5.224	57	1786704	18.379	ppbv #	40
28) Methyl tert-Butyl Ether	4.597	73	3600	0.040	ppbv #	53
30) Cyclohexane	6.616	84	540973	6.675	ppbv	97
34) 2-Butanone	4.664	43	2312437	13.929	ppbv #	59
36) Benzene	6.381	78	2224067	9.066	ppbv	99
39) 1,2-Dichloropropane	6.664	63	774419	8.033	ppbv #	23
41) Tetrahydrofuran	5.504	42	18023	0.178	ppbv #	40
42) Bromodichloromethane	7.259	83	70465	0.332	ppbv #	24
43) Methyl Methacrylate	7.462	69	6562	0.068	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	2495270	5.988	ppbv #	84
50) 4-Methyl-2-Pentanone	8.224	43	8394	0.033	ppbv #	4
51) 2-Hexanone	9.542	43	238509	1.318	ppbv #	30
53) Toluene	9.237	91	6841145	25.148	ppbv	98
58) Ethyl Benzene	12.105	91	2116238	5.781	ppbv	99
59) m/p-Xylene	12.359	91	5195564	16.687	ppbv #	100
60) o-Xylene	13.073	91	2078979	7.087	ppbv	98
61) Styrene	12.915	104	45580	0.327	ppbv #	59
62) Isopropylbenzene	14.040	105	442144	1.016	ppbv	98
64) n-propylbenzene	14.934	120	104224	0.955	ppbv	91
65) tert-Butylbenzene	16.117	119	181651	0.491	ppbv #	59
66) Benzyl Chloride	16.121	91	205385	8.116	ppbv #	66
67) sec-Butylbenzene	16.651	105	13029	0.024	ppbv #	59
69) p-Isopropyltoluene	17.005	119	16125	0.039	ppbv #	47
70) n-Butylbenzene	17.902	91	26238	0.061	ppbv #	33
71) 2-Chlorotoluene	14.931	91	514749	1.536	ppbv #	44
72) 4-Ethyltoluene	15.204	105	618504	1.921	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	481290	1.732	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	1721924	5.568	ppbv #	70
79) Naphthalene	21.410	128	9951	0.067	ppbv #	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
Data File : VL040986.D
Acq On : 16 Jan 2024 14:34
Operator : SY/MD
Sample : P1138-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

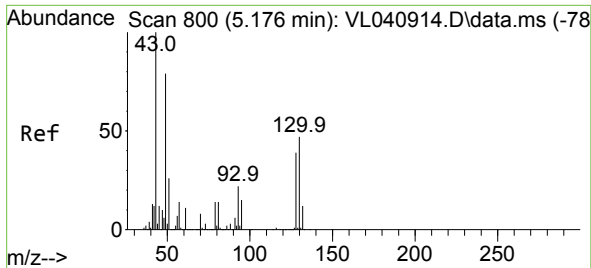
Quant Time: Jan 17 00:26:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Jan 17 00:20:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

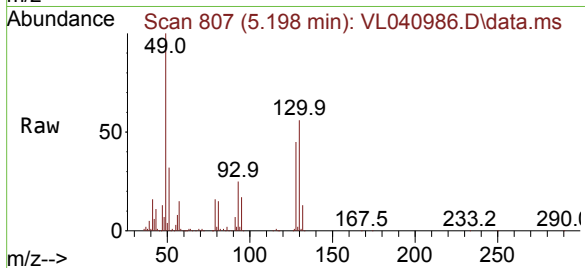
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 17 00:20:56 2024
Response via : Initial Calibration



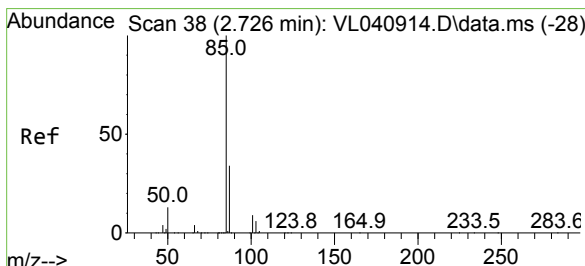
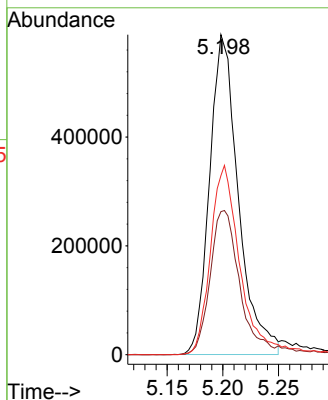
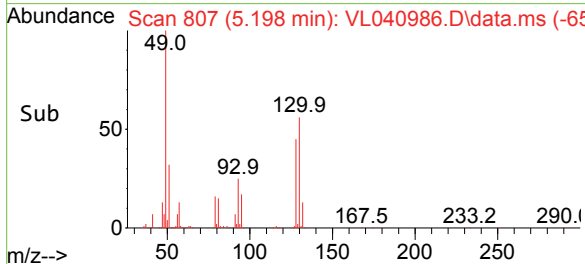


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34

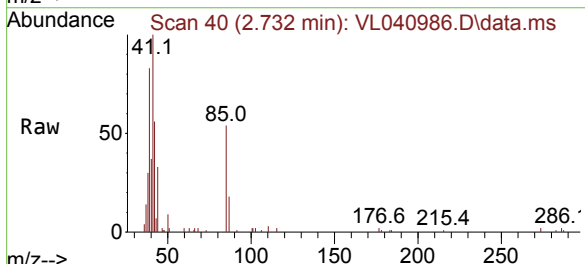
Instrument :
 MSVOA_L
 ClientSampleId :



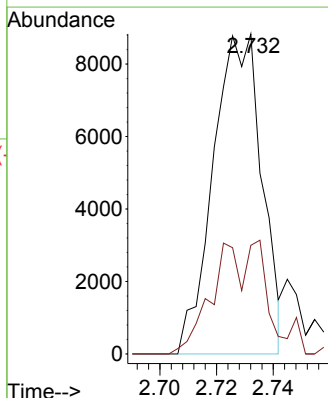
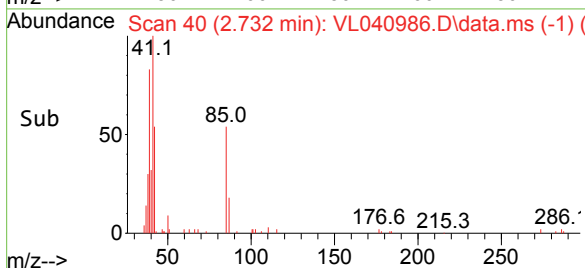
Tgt Ion: 49 Resp: 1055545
 Ion Ratio Lower Upper
 49 100
 128 49.6 23.8 71.2
 130 62.9 30.1 90.5

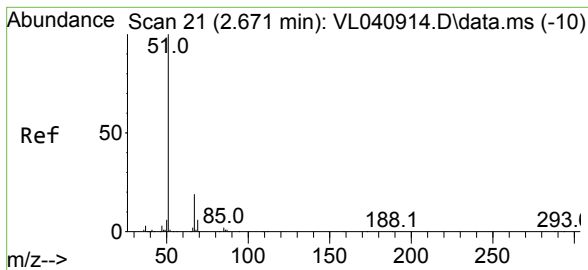


#2
 Dichlorodifluoromethane
 Concen: 0.052 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.010 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34



Tgt Ion: 85 Resp: 10502
 Ion Ratio Lower Upper
 85 100
 87 32.2 27.0 40.6

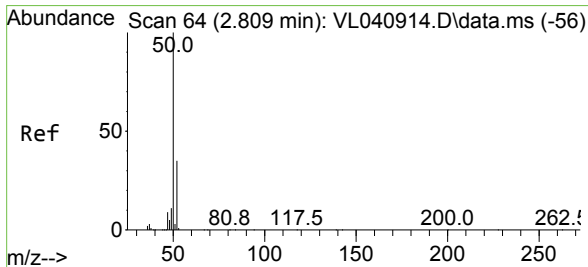
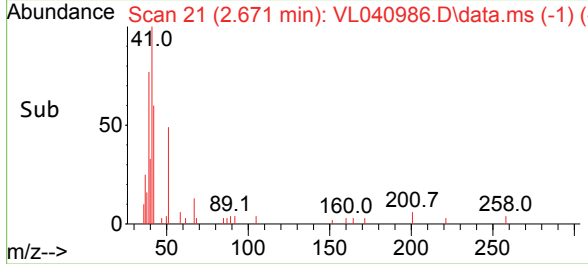
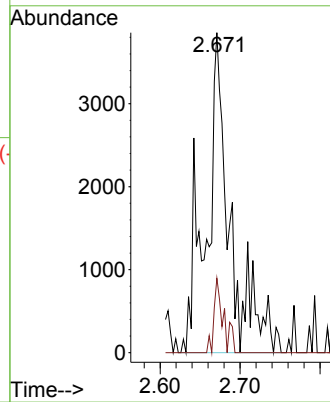
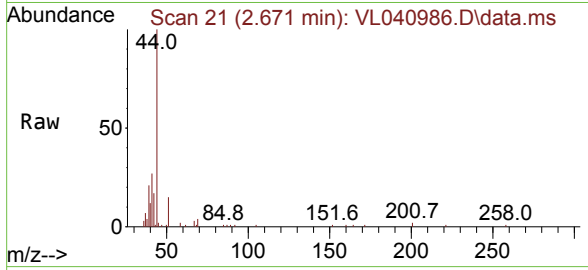




#3
 Chlorodifluoromethane
 Concen: 0.049 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34

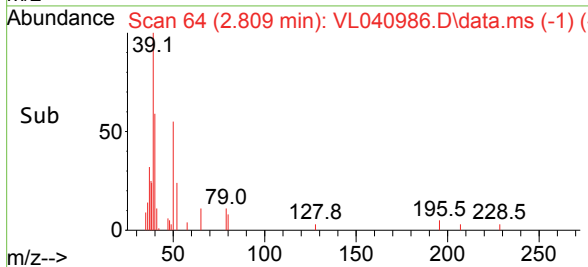
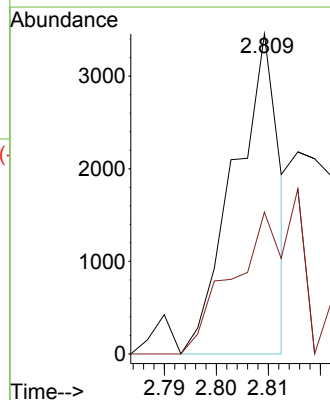
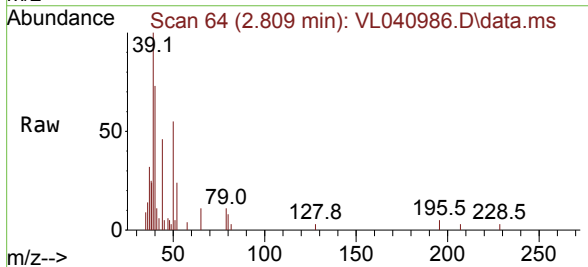
Instrument :
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 ClientSampleId :

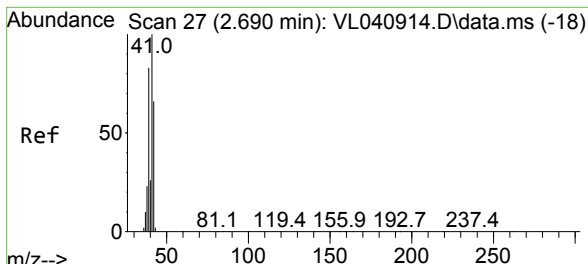
Tgt Ion: 51 Resp: 7839
 Ion Ratio Lower Upper
 51 100
 67 9.4 14.7 22.1#



#4
 Chloromethane
 Concen: 0.036 ppbv
 RT: 2.809 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34

Tgt Ion: 50 Resp: 2085
 Ion Ratio Lower Upper
 50 100
 52 51.9 28.0 42.0#

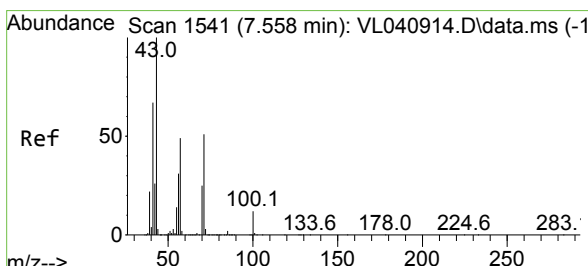
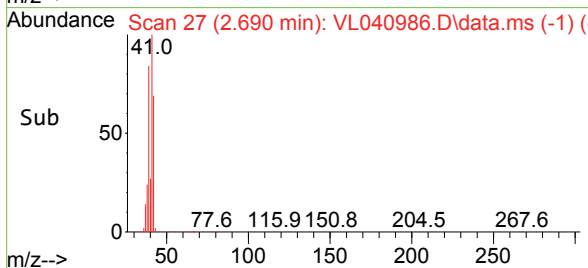
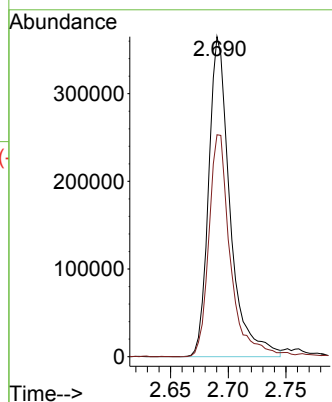
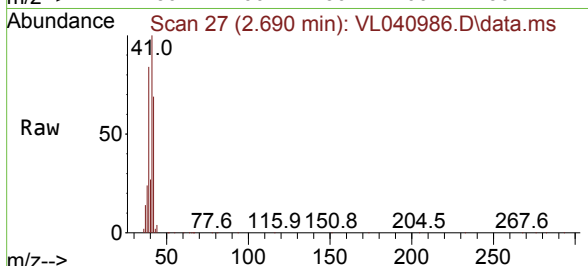




#9
 Propene
 Concen: 8.984 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34

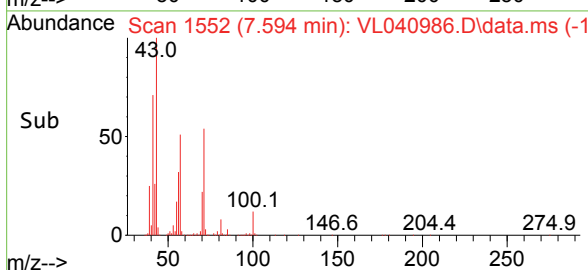
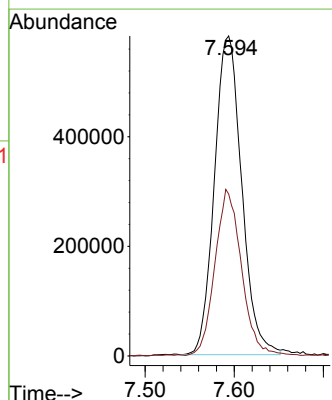
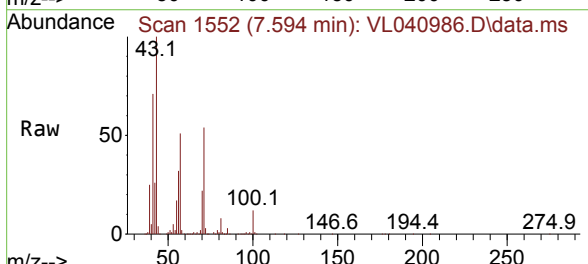
Instrument :
 MSVOA_L
 ClientSampleId :

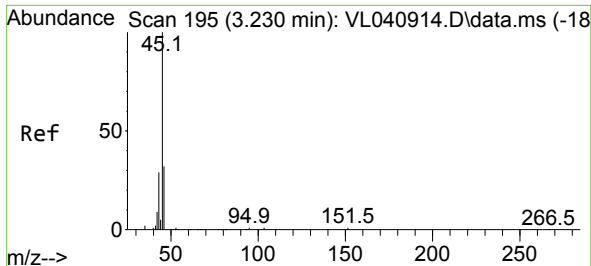
Tgt Ion: 41 Resp: 470834
 Ion Ratio Lower Upper
 41 100
 42 70.7 55.8 83.6



#10
 Heptane
 Concen: 9.501 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.006 min
 Lab File: VL040986.D
 Acq: 16 Jan 2024 14:34

Tgt Ion: 43 Resp: 1237790
 Ion Ratio Lower Upper
 43 100
 57 51.3 39.3 58.9

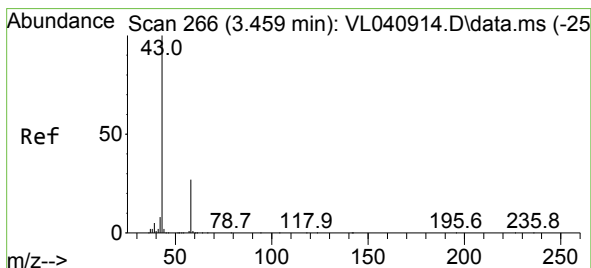
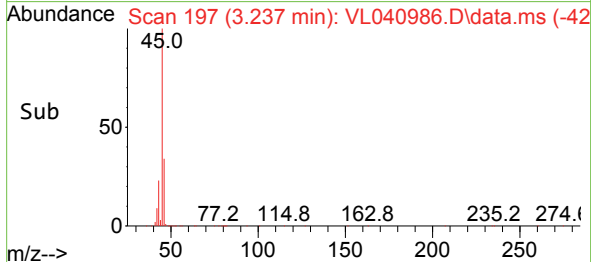
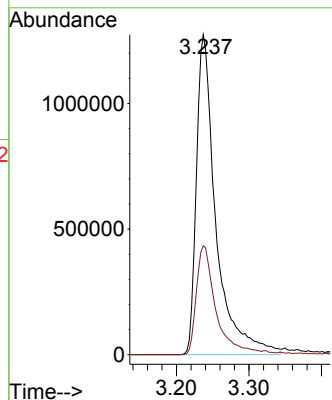
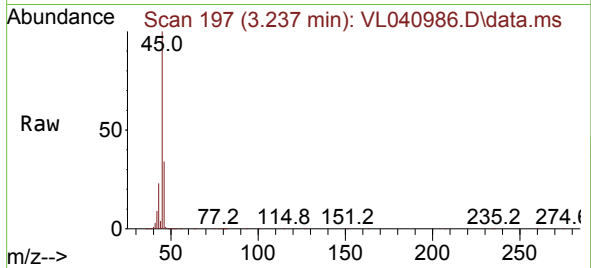




#13
Ethanol
Concen: 179.965 ppbv
RT: 3.237 min Scan# 195
Delta R.T. -0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

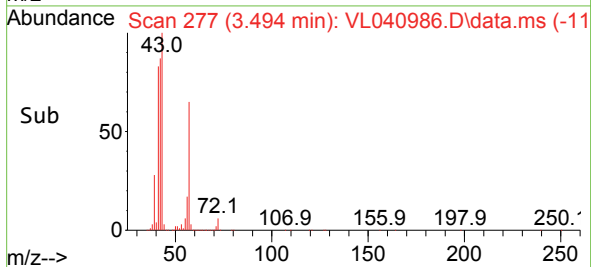
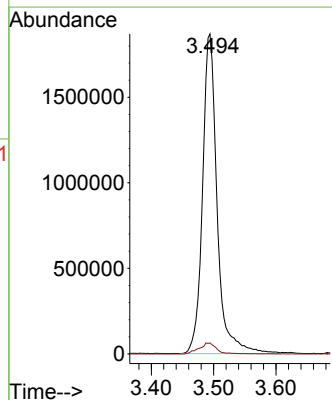
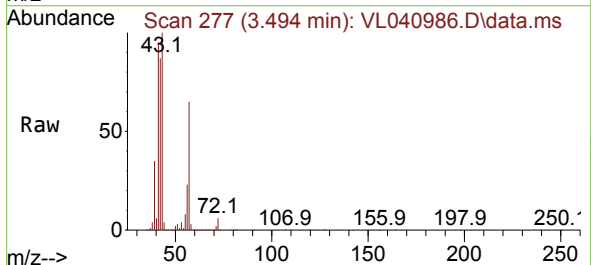
Instrument :
MSVOA_L
ClientSampleId :

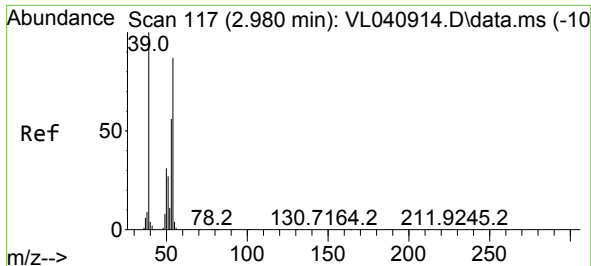
Tgt Ion: 45 Resp: 2379506
Ion Ratio Lower Upper
45 100
46 34.9 15.0 60.0



#15
Acetone
Concen: 24.039 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.029 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 43 Resp: 3043241
Ion Ratio Lower Upper
43 100
58 4.2 20.6 30.8#





#16

1,3-Butadiene

Concen: 1.540 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

Instrument :

MSVOA_L

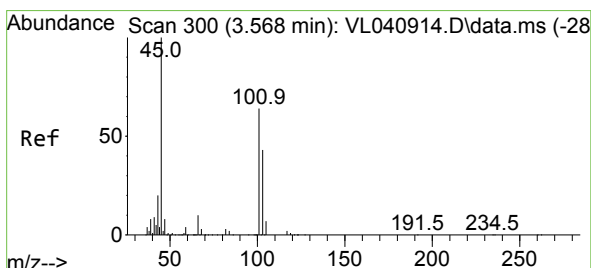
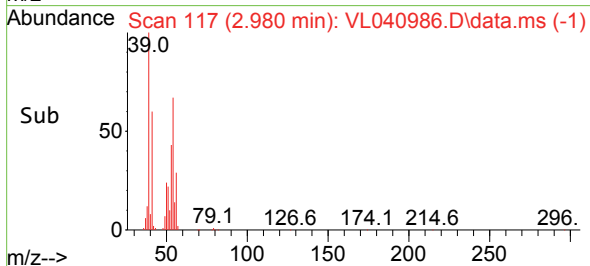
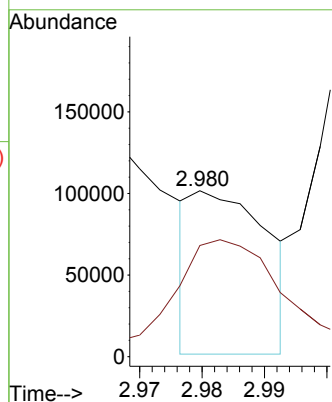
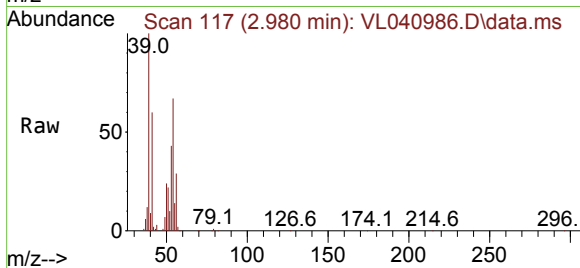
ClientSampleId :

Tgt Ion: 39 Resp: 83930

Ion Ratio Lower Upper

39 100

54 124.1 63.8 95.6#



#19

Isopropyl Alcohol

Concen: 36.022 ppbv

RT: 3.237 min Scan# 197

Delta R.T. -0.338 min

Lab File: VL040986.D

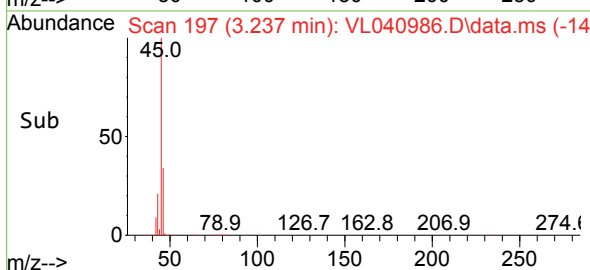
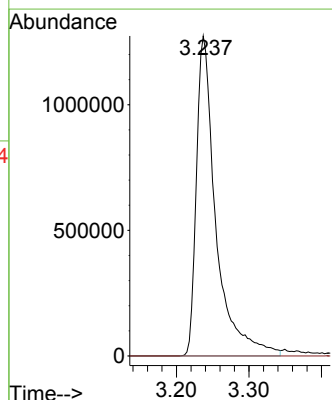
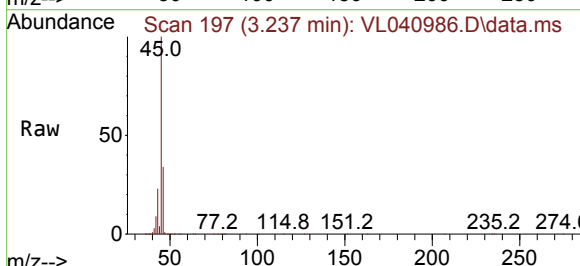
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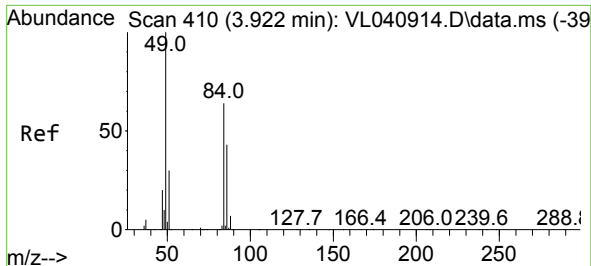
Tgt Ion: 45 Resp: 2379506

Ion Ratio Lower Upper

45 100

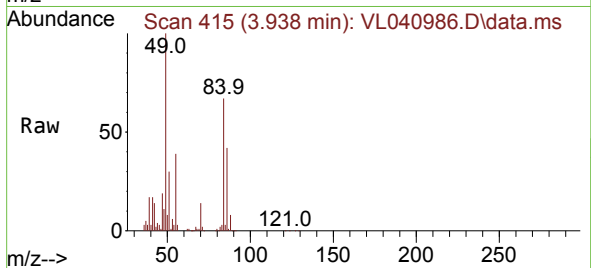
58 0.0 1.5 2.3#



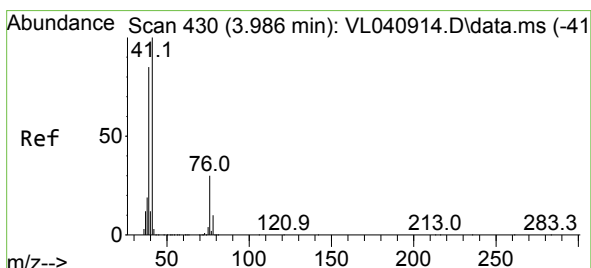
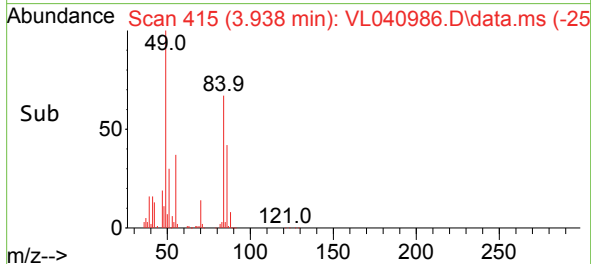
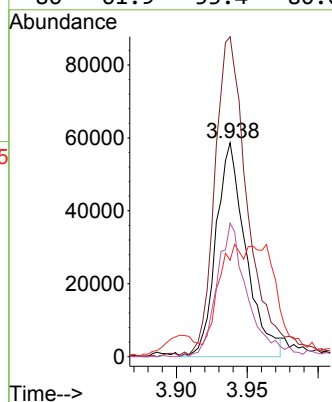


#20
Methylene Chloride
Concen: 1.903 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Instrument :
MSVOA_L
ClientSampleId :

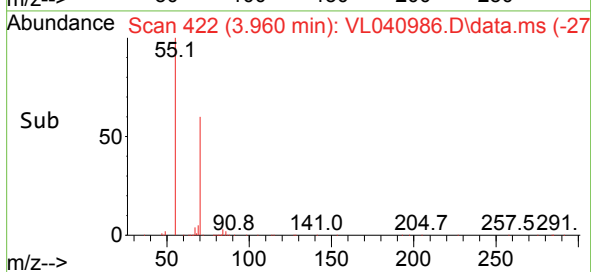
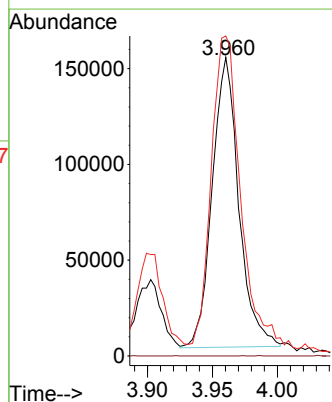
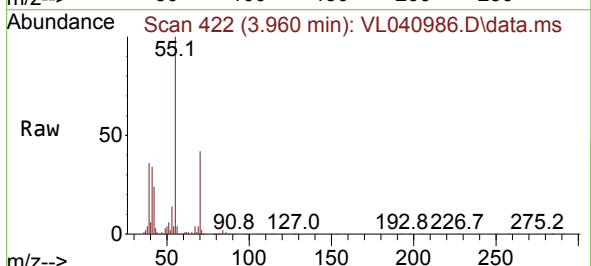


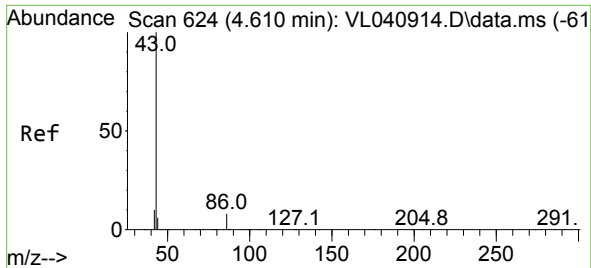
Tgt Ion: 84 Resp: 85875
Ion Ratio Lower Upper
84 100
49 148.7 124.6 187.0
51 35.1 37.2 55.8#
86 61.9 53.4 80.0



#21
Allyl Chloride
Concen: 2.873 ppbv
RT: 3.960 min Scan# 422
Delta R.T. -0.035 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

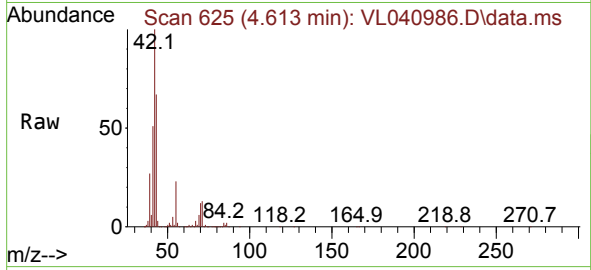
Tgt Ion: 41 Resp: 214989
Ion Ratio Lower Upper
41 100
76 0.0 23.9 35.9#
39 130.2 66.5 99.7#



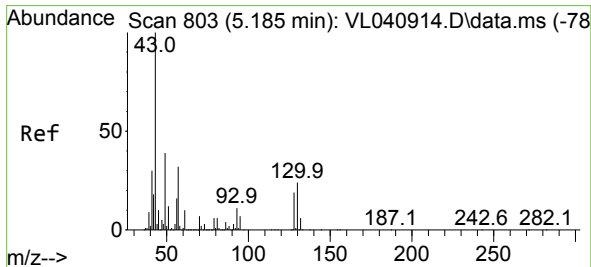
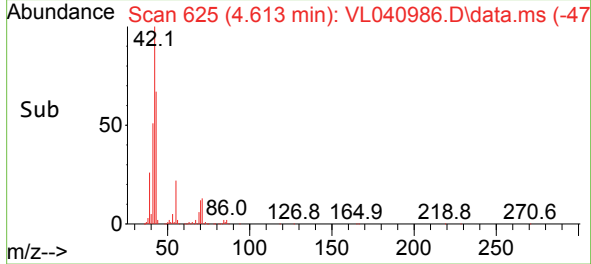
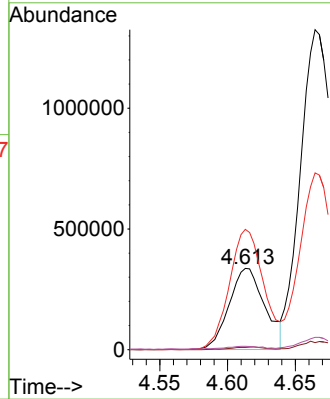


#23
Vinyl Acetate
Concen: 4.424 ppbv
RT: 4.613 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Instrument :
MSVOA_L
ClientSampleId :

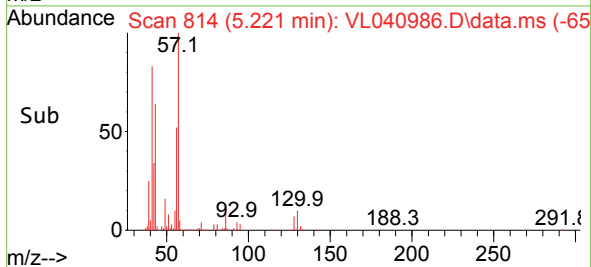
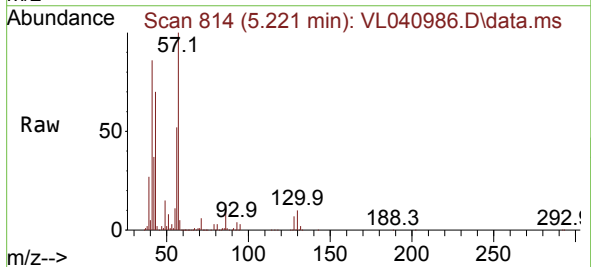
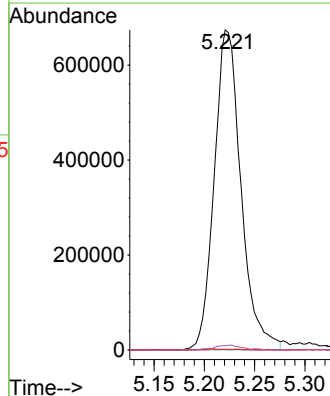


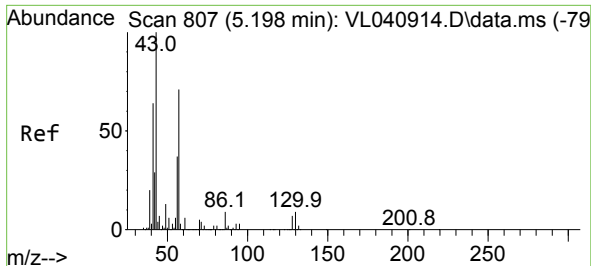
Tgt Ion: 43 Resp: 617858
Ion Ratio Lower Upper
43 100
86 2.8 5.5 8.3#
42 148.4 8.4 12.6#
44 3.4 4.2 6.4#



#25
Ethyl Acetate
Concen: 5.677 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 43 Resp: 1245344
Ion Ratio Lower Upper
43 100
45 0.3 8.2 12.2#
61 0.3 7.6 11.4#
70 1.6 5.4 8.2#

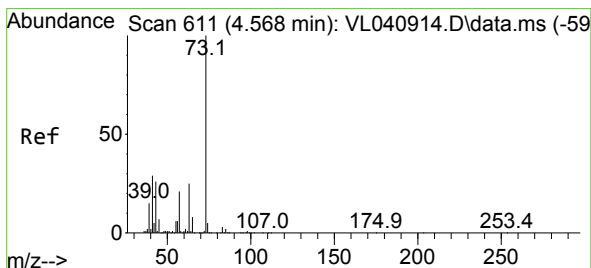
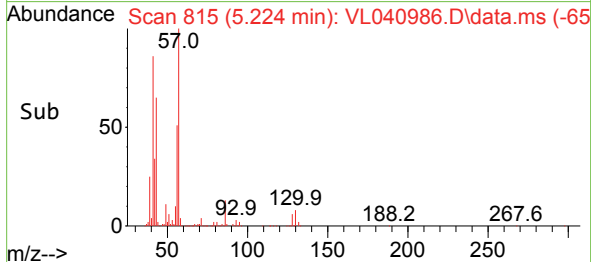
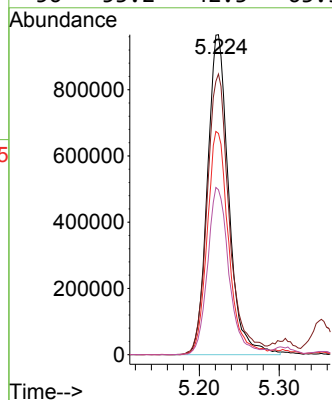
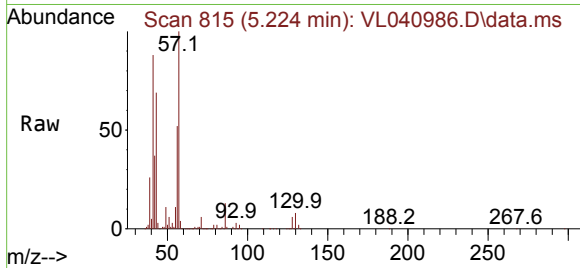




#26
Hexane
Concen: 18.379 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

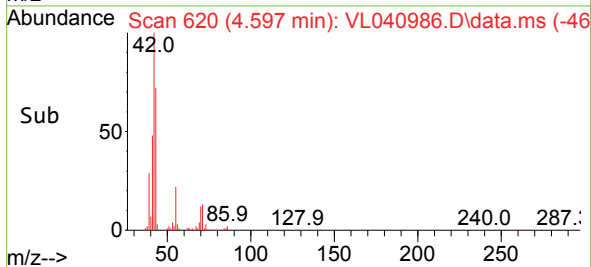
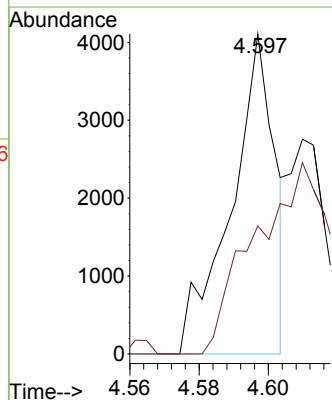
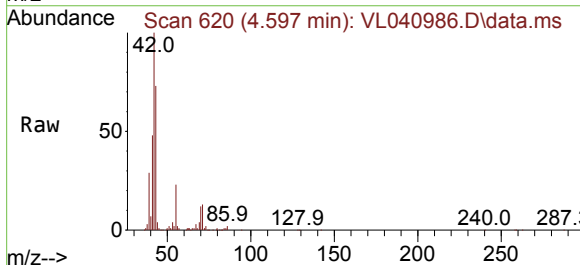
Instrument :
MSVOA_L
ClientSampleId :

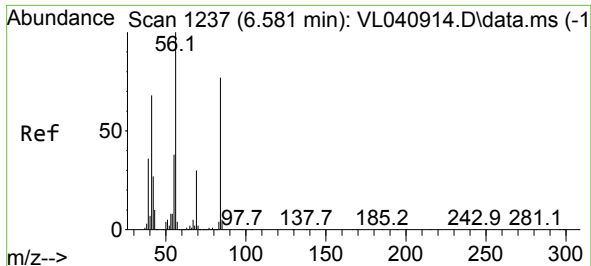
Tgt Ion: 57 Resp: 1786704
Ion Ratio Lower Upper
57 100
41 91.8 75.2 112.8
43 71.8 188.0 282.0#
56 53.2 42.3 63.5



#28
Methyl tert-Butyl Ether
Concen: 0.040 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.010 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 73 Resp: 3600
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0#

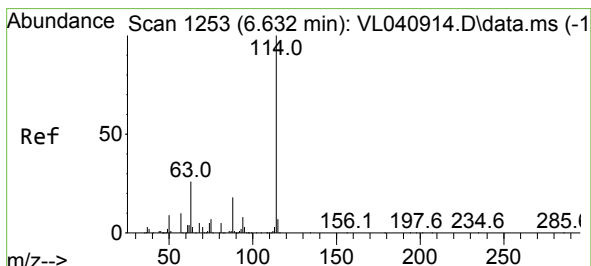
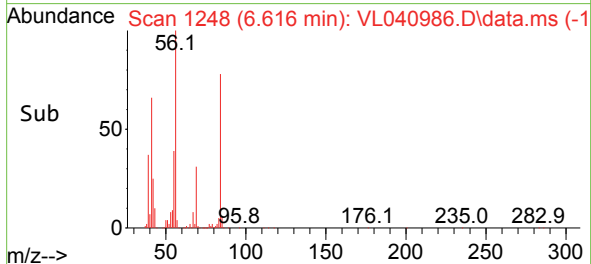
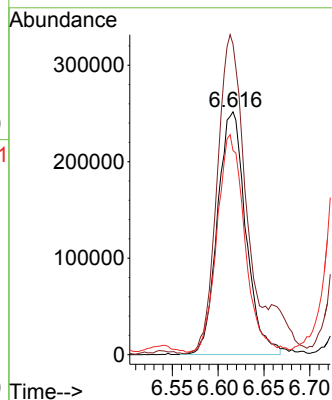
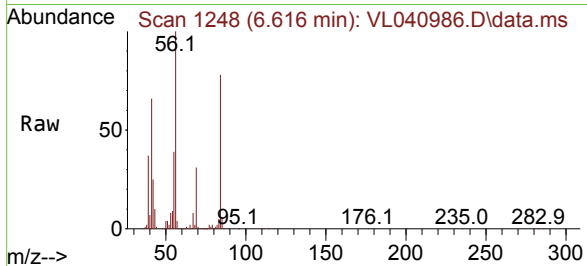




#30
Cyclohexane
Concen: 6.675 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

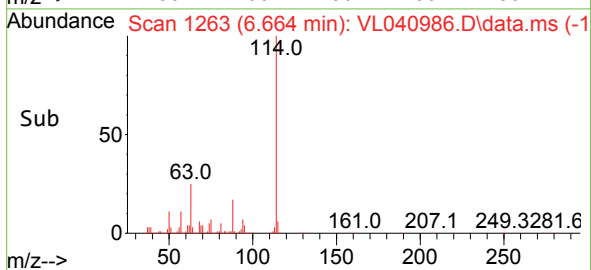
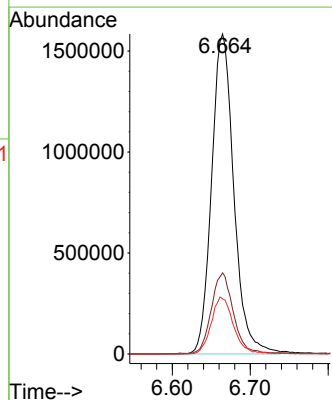
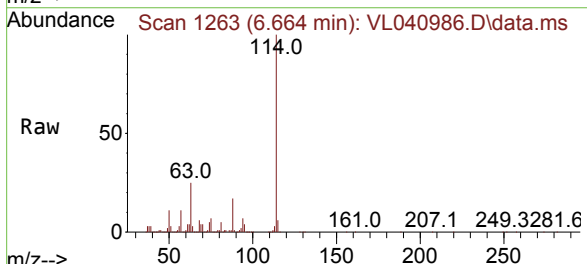
Instrument :
MSVOA_L
ClientSampleId :

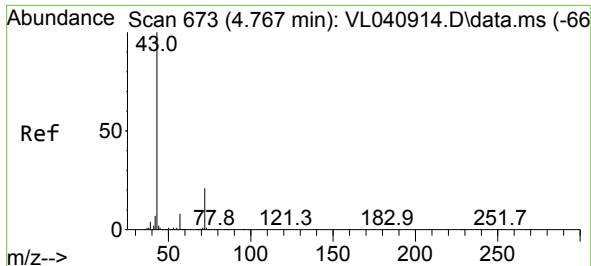
Tgt Ion: 84 Resp: 540973
Ion Ratio Lower Upper
84 100
56 144.1 111.4 167.2
41 88.8 70.0 105.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 114 Resp: 3138326
Ion Ratio Lower Upper
114 100
63 25.7 21.0 31.6
88 17.9 14.3 21.5

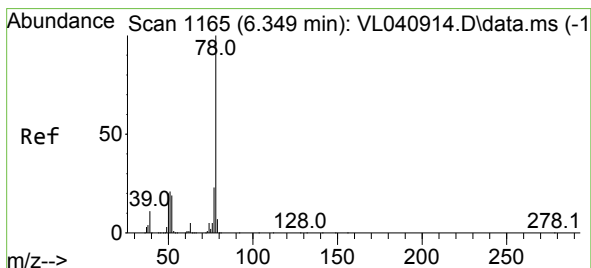
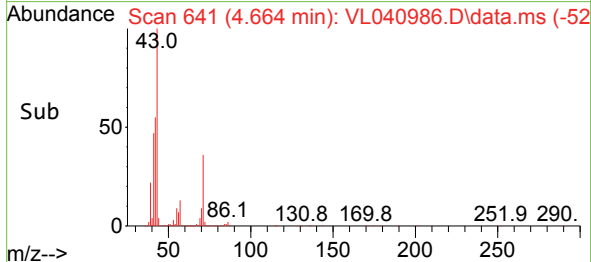
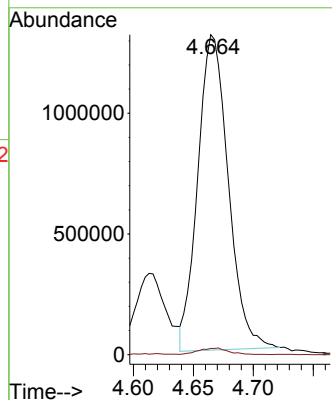
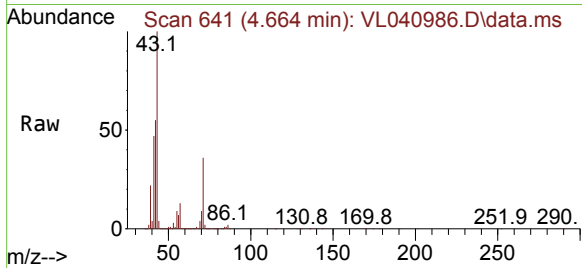




#34
2-Butanone
Concen: 13.929 ppbv
RT: 4.664 min Scan# 641
Delta R.T. -0.122 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

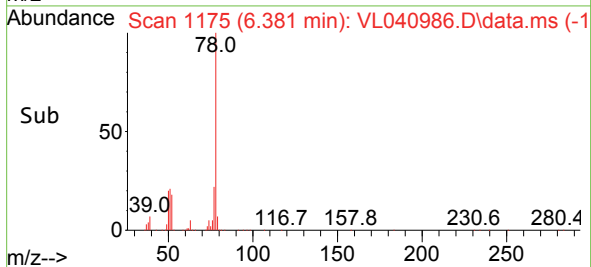
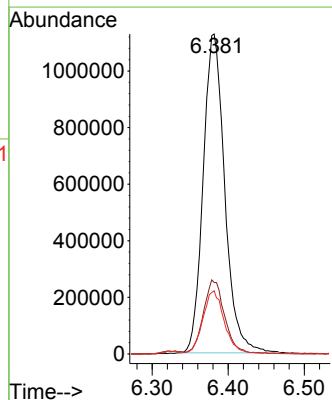
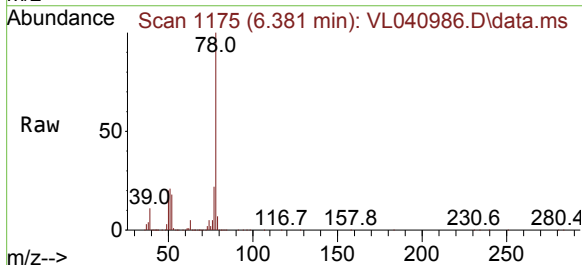
Instrument :
MSVOA_L
ClientSampleId :

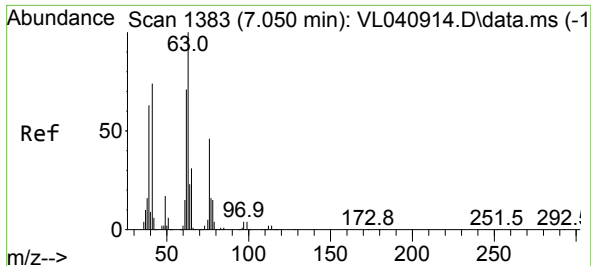
Tgt Ion: 43 Resp: 2312437
Ion Ratio Lower Upper
43 100
72 2.2 17.2 25.8#



#36
Benzene
Concen: 9.066 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 78 Resp: 2224067
Ion Ratio Lower Upper
78 100
77 22.2 18.4 27.6
50 19.7 16.0 24.0





#39

1,2-Dichloropropane

Concen: 8.033 ppbv

RT: 6.664 min Scan# 1

Delta R.T. -0.415 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

Instrument :

MSVOA_L

ClientSampleId :

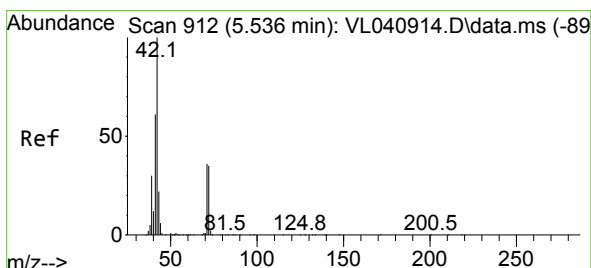
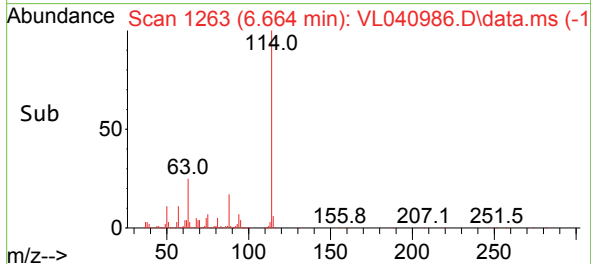
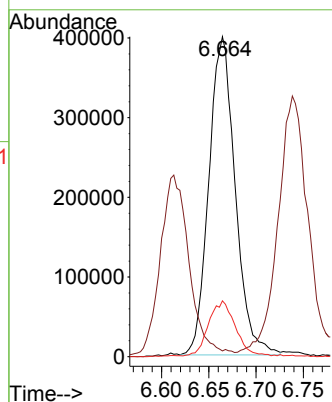
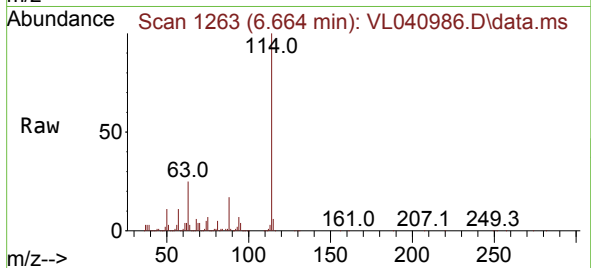
Tgt Ion: 63 Resp: 774419

Ion Ratio Lower Upper

63 100

41 0.0 59.0 88.6#

62 16.9 56.6 85.0#



#41

Tetrahydrofuran

Concen: 0.178 ppbv

RT: 5.504 min Scan# 902

Delta R.T. -0.058 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

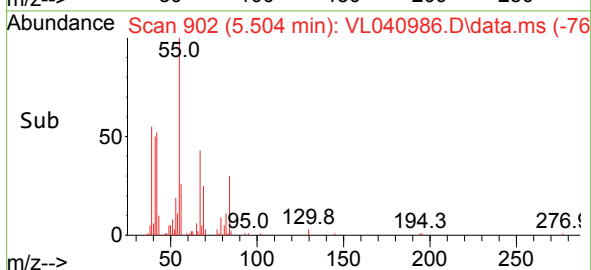
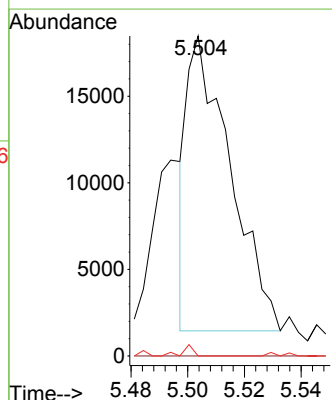
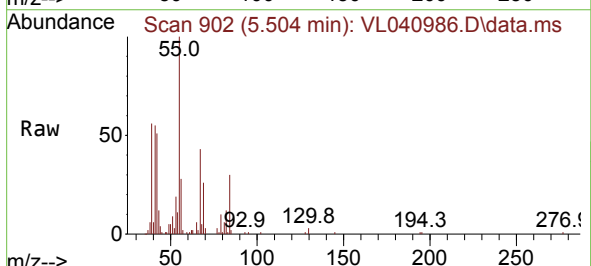
Tgt Ion: 42 Resp: 18023

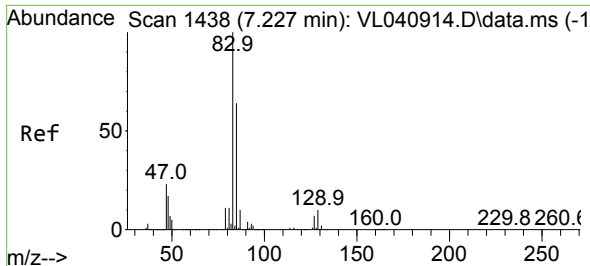
Ion Ratio Lower Upper

42 100

72 1.9 29.6 44.4#

71 0.0 29.1 43.7#

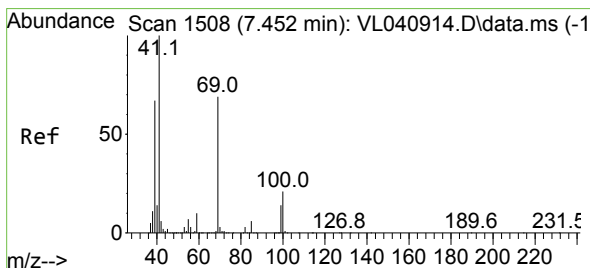
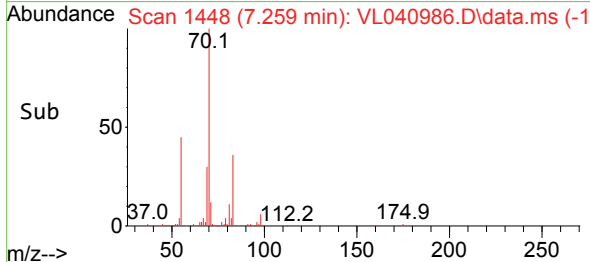
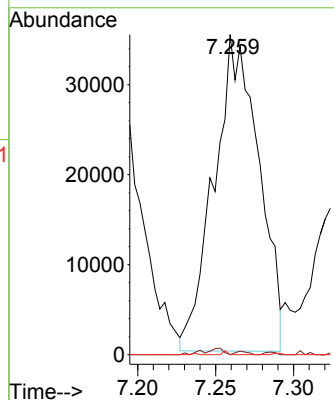
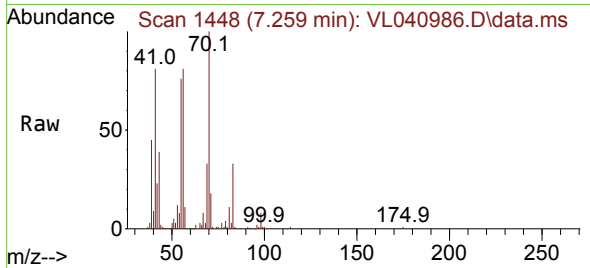




#42
Bromodichloromethane
Concen: 0.332 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

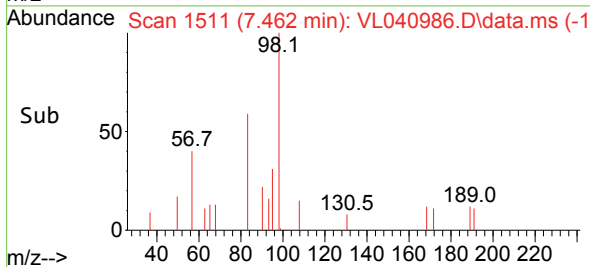
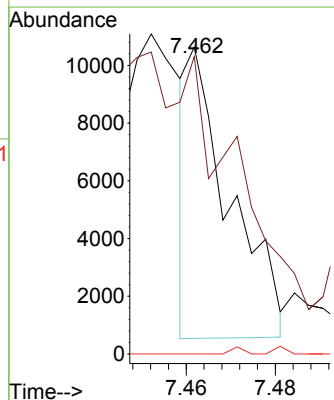
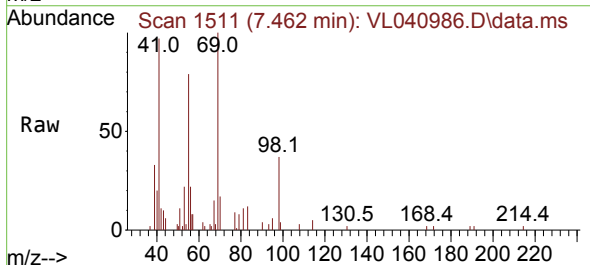
Instrument :
MSVOA_L
ClientSampleId :

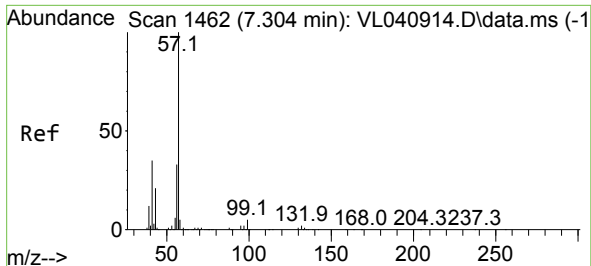
Tgt Ion: 83 Resp: 70465
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 5.9 8.9#



#43
Methyl Methacrylate
Concen: 0.068 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.016 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 69 Resp: 6562
Ion Ratio Lower Upper
69 100
41 0.0 119.9 179.9#
100 0.0 25.1 37.7#

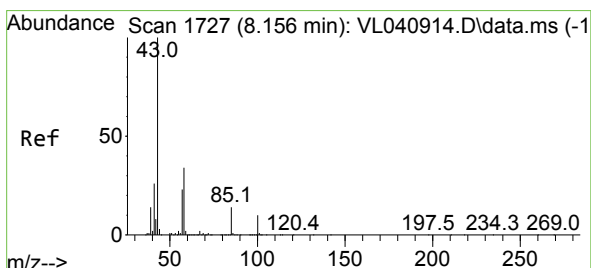
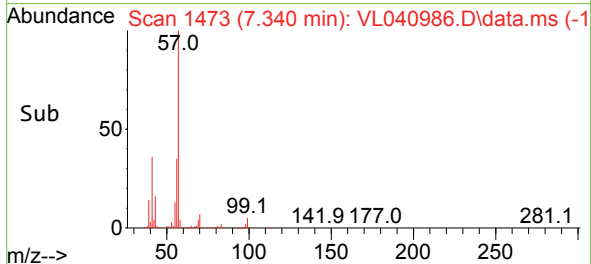
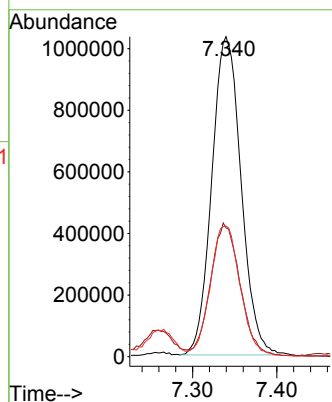
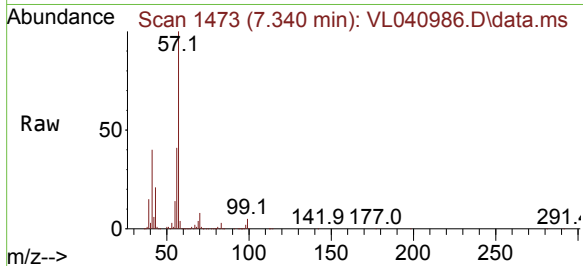




#44
2,2,4-Trimethylpentane
Concen: 5.988 ppbv
RT: 7.340 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

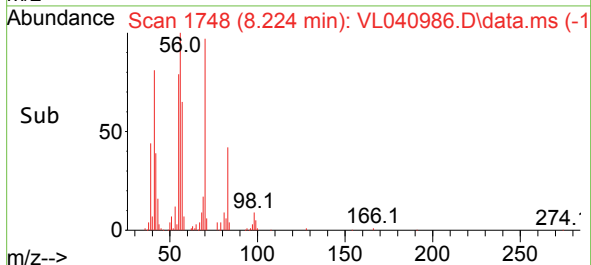
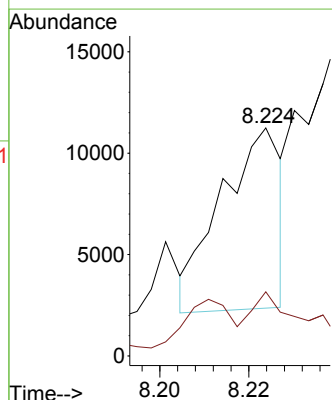
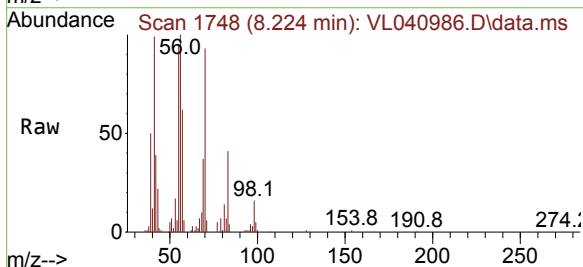
Instrument :
MSVOA_L
ClientSampleId :

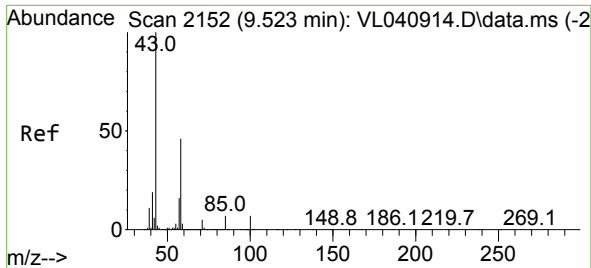
Tgt Ion: 57 Resp: 2495270
Ion Ratio Lower Upper
57 100
41 42.8 28.2 42.4#
56 42.3 25.3 37.9#



#50
4-Methyl-2-Pentanone
Concen: 0.033 ppbv
RT: 8.224 min Scan# 1748
Delta R.T. 0.032 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 43 Resp: 8394
Ion Ratio Lower Upper
43 100
58 89.1 27.4 41.0#

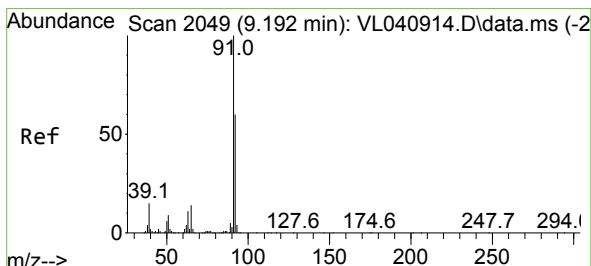
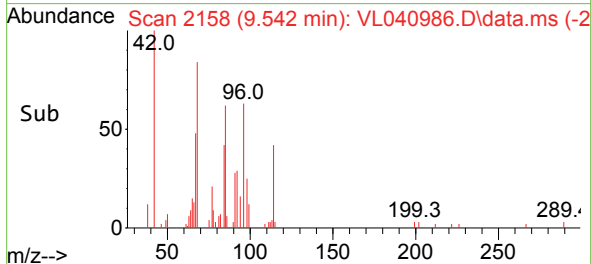
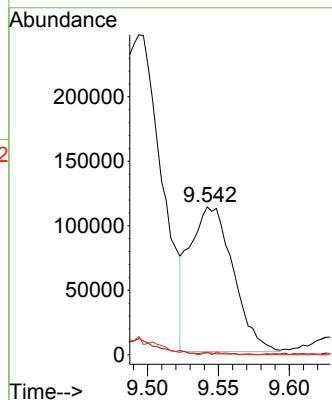
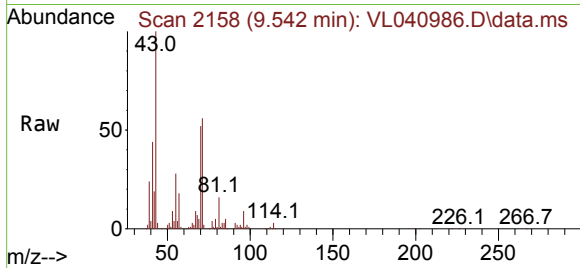




#51
2-Hexanone
Concen: 1.318 ppbv
RT: 9.542 min Scan# 2152
Delta R.T. -0.016 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

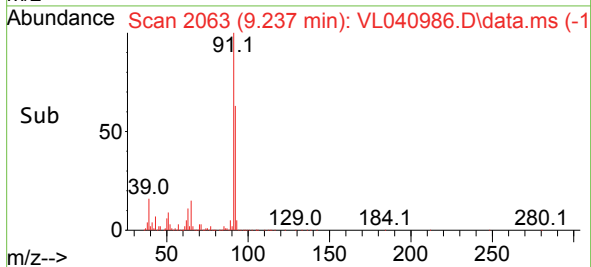
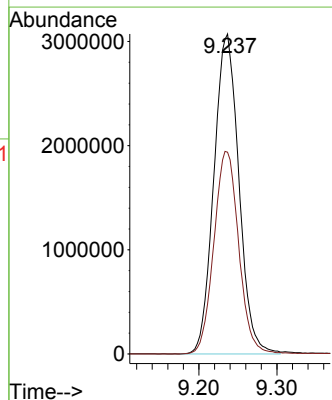
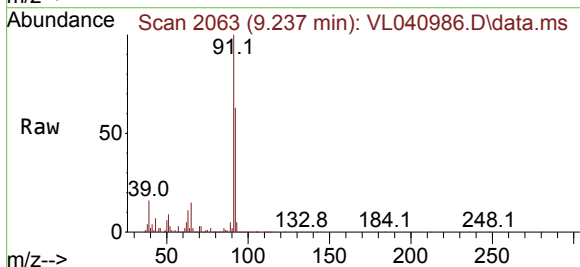
Instrument :
MSVOA_L
ClientSampleId :

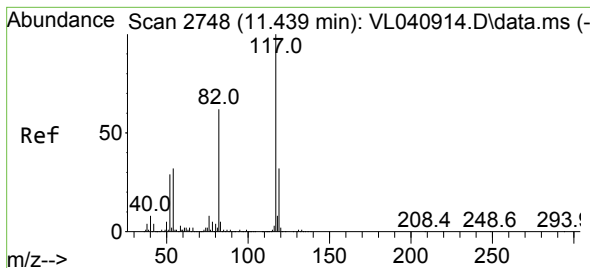
Tgt Ion: 43 Resp: 238509
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9#
98 0.5 0.2 0.2#



#53
Toluene
Concen: 25.148 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 91 Resp: 6841145
Ion Ratio Lower Upper
91 100
92 63.4 49.2 73.8

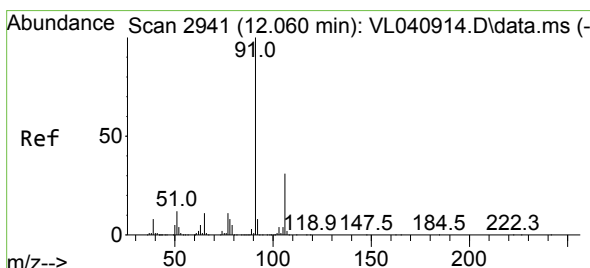
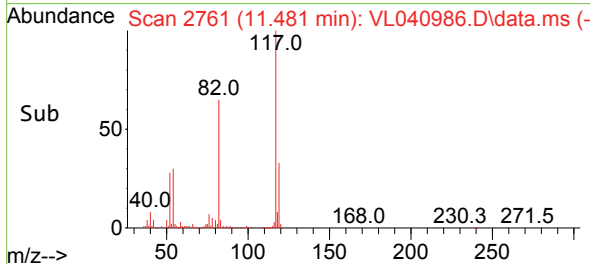
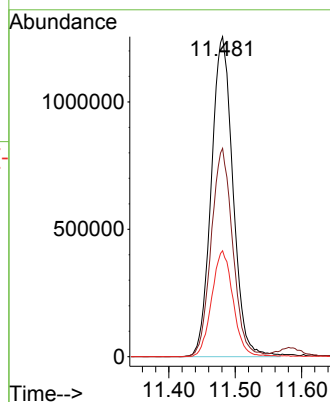
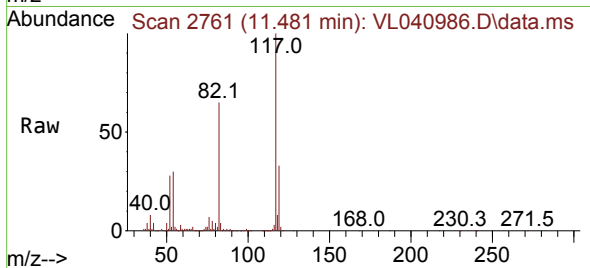




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

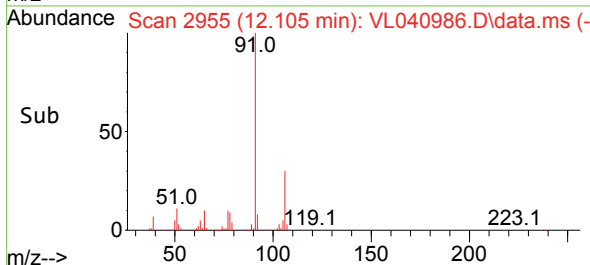
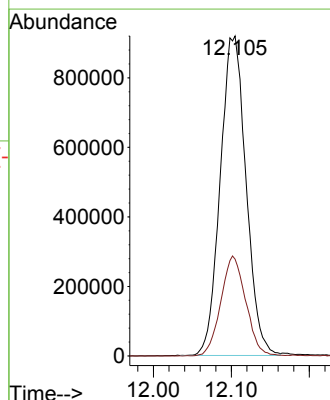
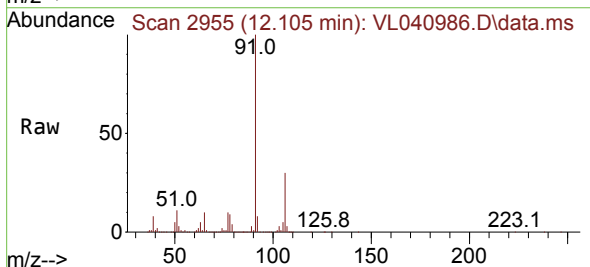
Instrument :
MSVOA_L
ClientSampleId :

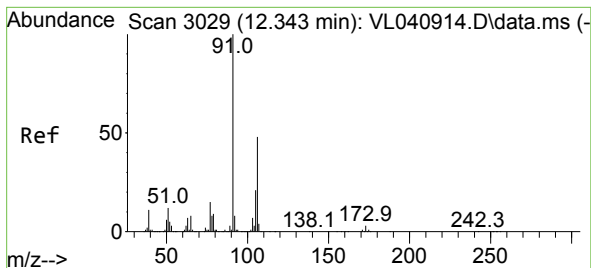
Tgt Ion:117 Resp: 2849907
Ion Ratio Lower Upper
117 100
82 65.1 49.6 74.4
119 32.9 23.4 35.0



#58
Ethyl Benzene
Concen: 5.781 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 91 Resp: 2116238
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

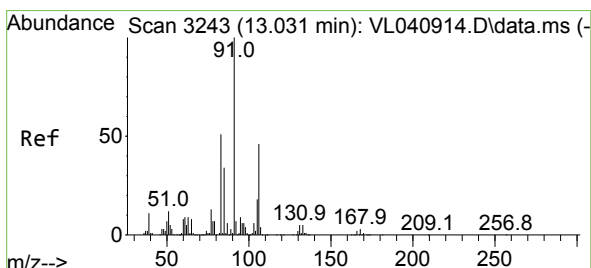
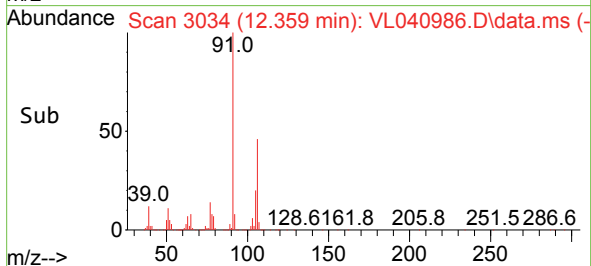
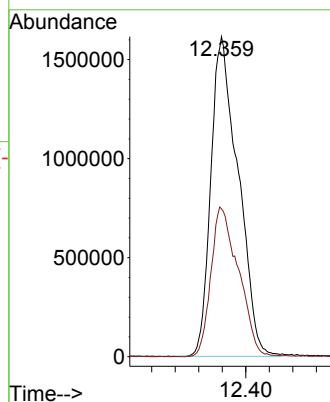
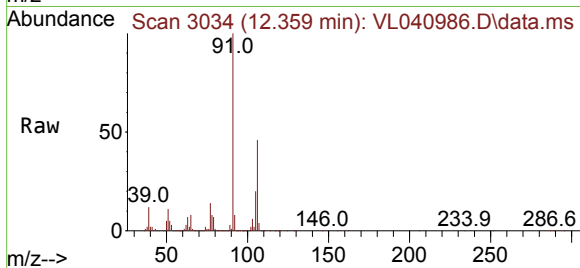




#59
m/p-Xylene
Concen: 16.687 ppbv
RT: 12.359 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

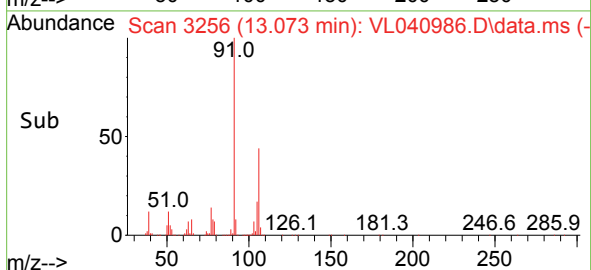
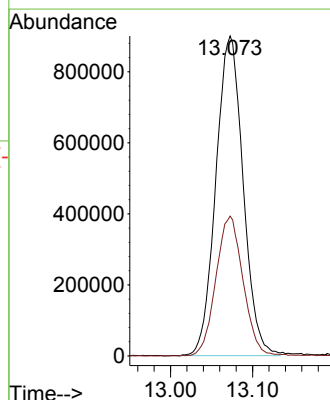
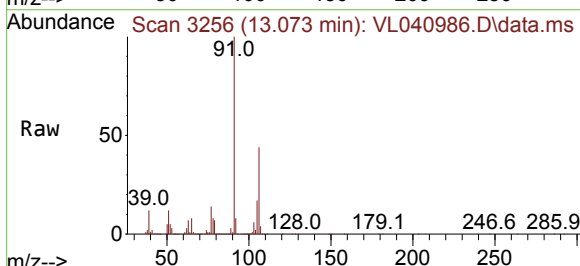
Instrument :
MSVOA_L
ClientSampleId :

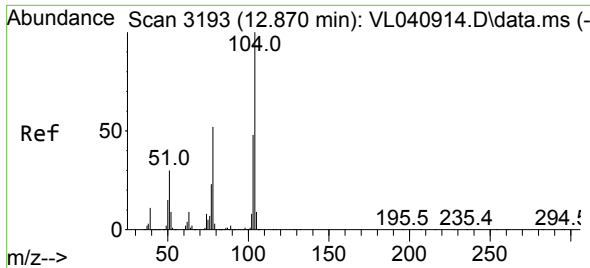
Tgt Ion: 91 Resp: 5195564
Ion Ratio Lower Upper
91 100
106 47.5 0.0 0.0#



#60
o-Xylene
Concen: 7.087 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 91 Resp: 2078979
Ion Ratio Lower Upper
91 100
106 43.9 22.6 67.7

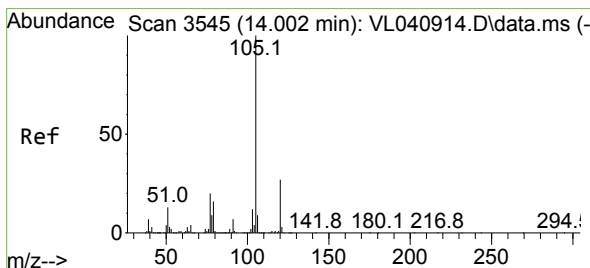
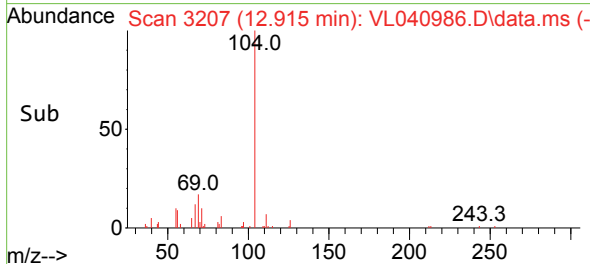
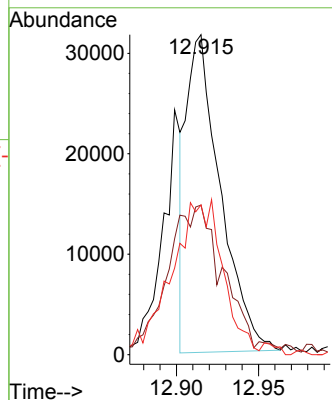
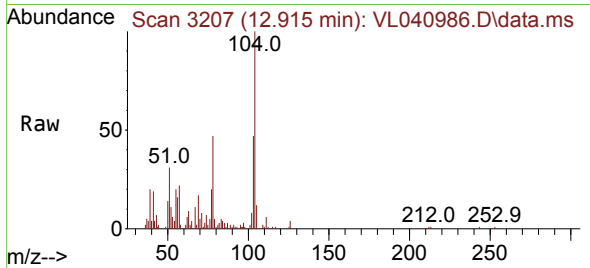




#61
Styrene
Concen: 0.327 ppbv
RT: 12.915 min Scan# 3193
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

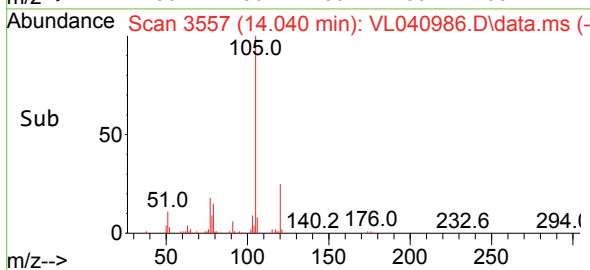
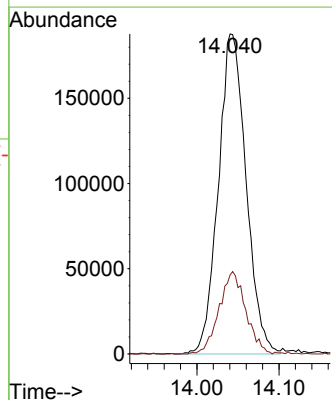
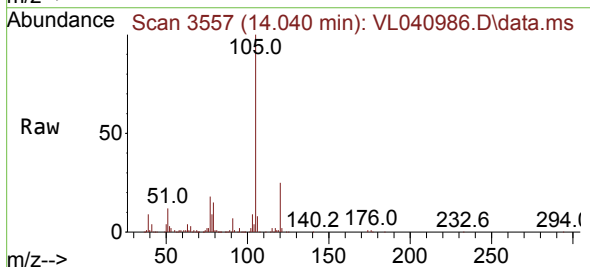
Instrument :
MSVOA_L
ClientSampleId :

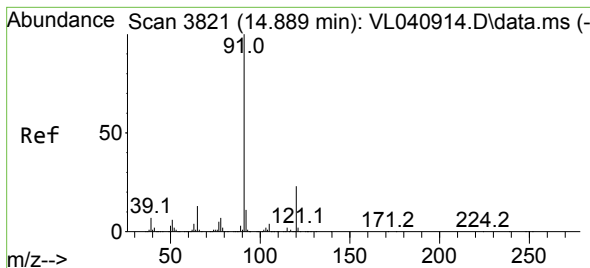
Tgt Ion:104 Resp: 45580
Ion Ratio Lower Upper
104 100
78 81.7 43.0 64.4#
103 76.3 37.6 56.4#



#62
Isopropylbenzene
Concen: 1.016 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion:105 Resp: 442144
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1





#64

n-propylbenzene

Concen: 0.955 ppbv

RT: 14.934 min Scan# 3821

Delta R.T. 0.003 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

Instrument :

MSVOA_L

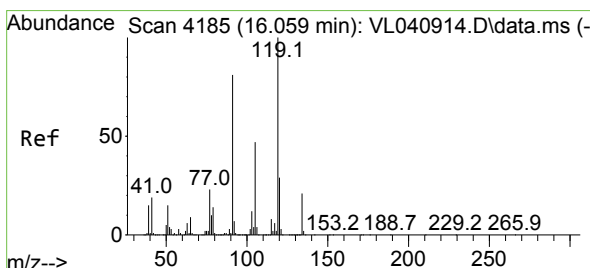
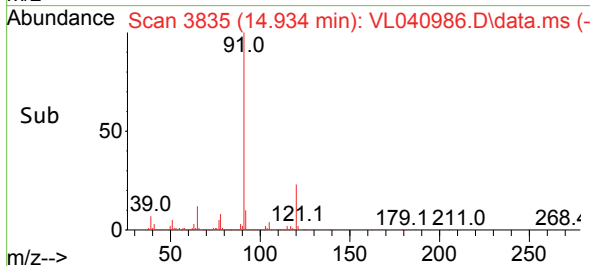
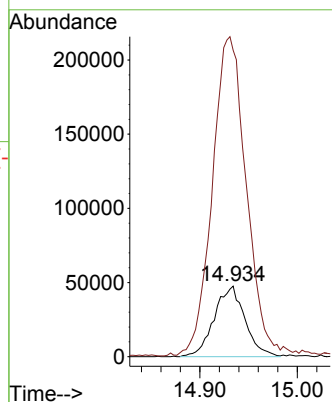
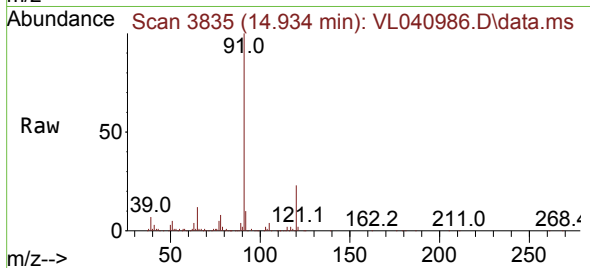
ClientSampleId :

Tgt Ion:120 Resp: 104224

Ion Ratio Lower Upper

120 100

91 501.6 381.9 572.9



#65

tert-Butylbenzene

Concen: 0.491 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.013 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

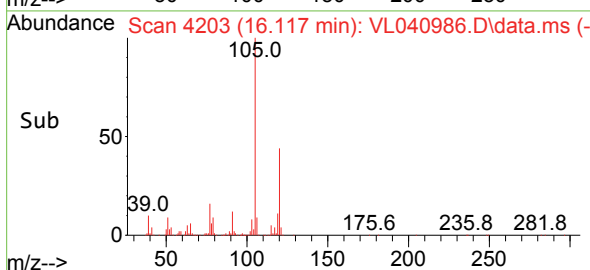
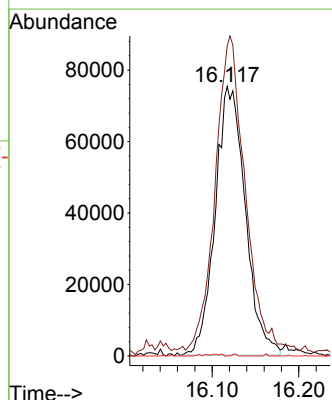
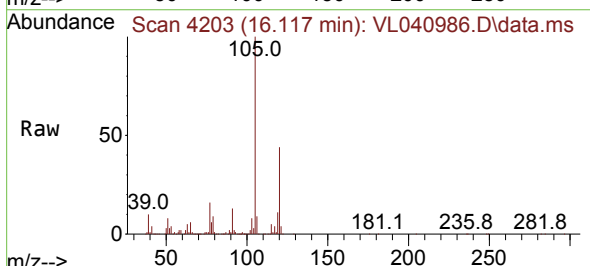
Tgt Ion:119 Resp: 181651

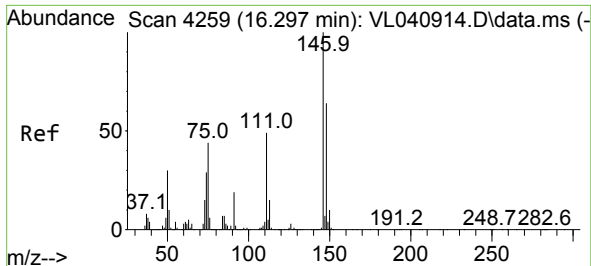
Ion Ratio Lower Upper

119 100

91 120.7 67.2 100.8#

134 0.5 15.8 23.6#

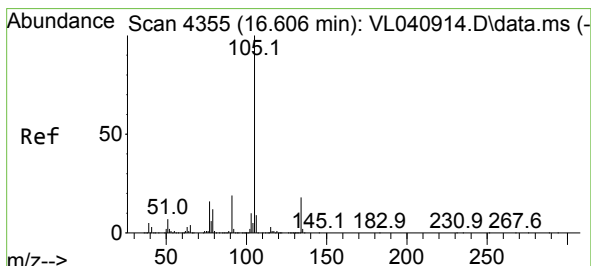
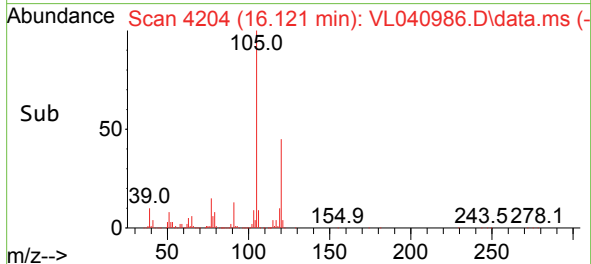
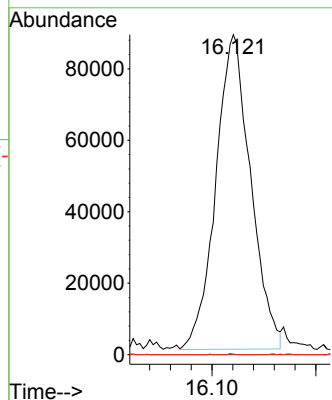
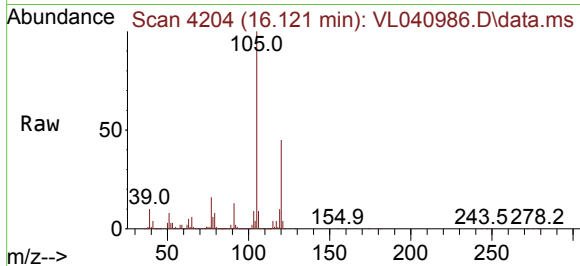




#66
Benzyl Chloride
Concen: 8.116 ppbv
RT: 16.121 min Scan# 41
Delta R.T. -0.219 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

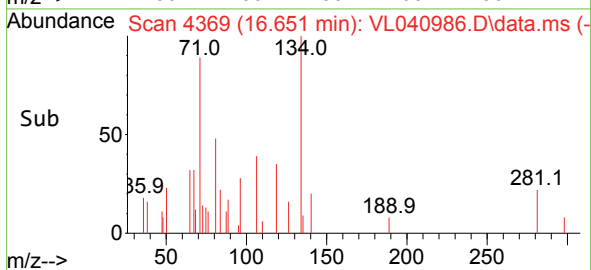
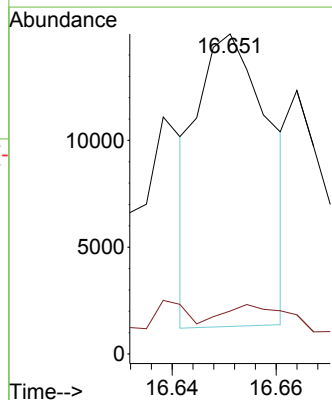
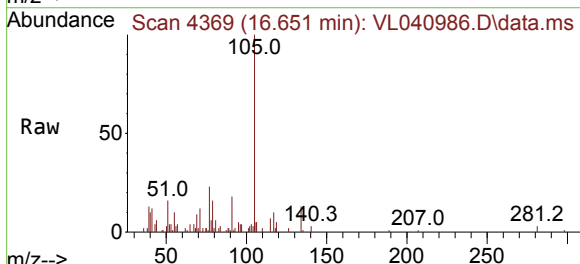
Instrument :
MSVOA_L
ClientSampleId :

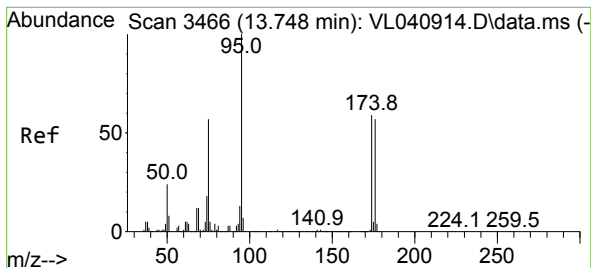
Tgt Ion: 91 Resp: 205385
Ion Ratio Lower Upper
91 100
126 0.1 14.1 21.1#
128 0.1 4.6 6.8#



#67
sec-Butylbenzene
Concen: 0.024 ppbv
RT: 16.651 min Scan# 4369
Delta R.T. 0.000 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 105 Resp: 13029
Ion Ratio Lower Upper
105 100
134 0.0 14.4 21.6#

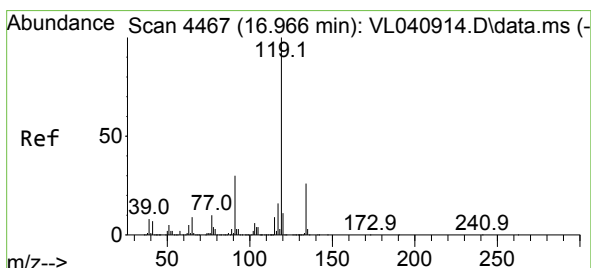
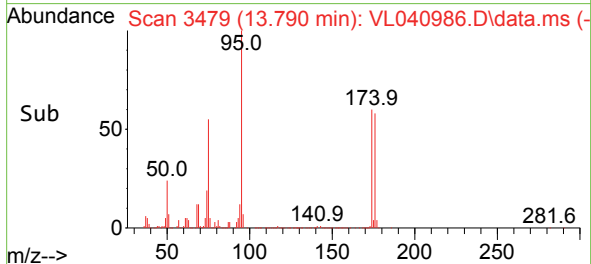
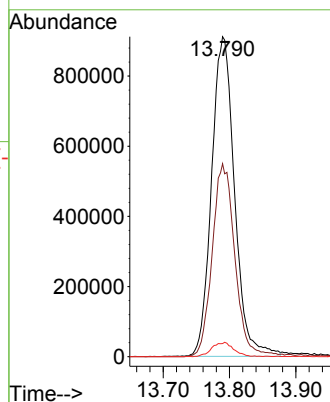
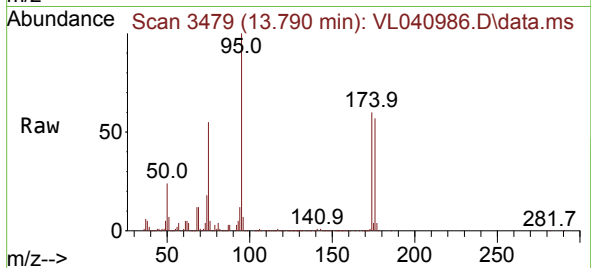




#68
1-Bromo-4-Fluorobenzene
Concen: 10.443 ppbv
RT: 13.790 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

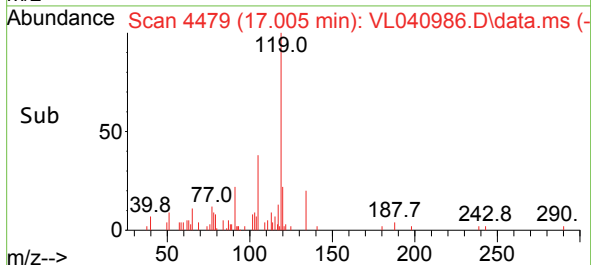
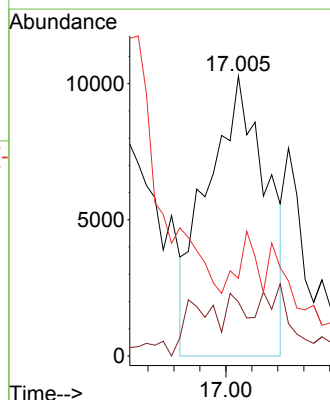
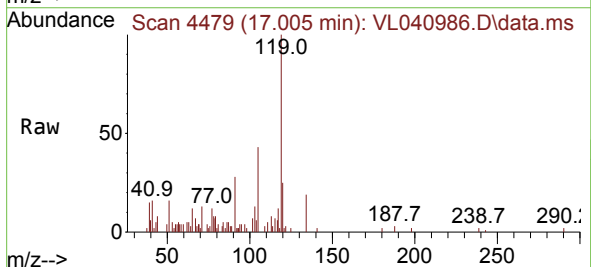
Instrument :
MSVOA_L
ClientSampleId :

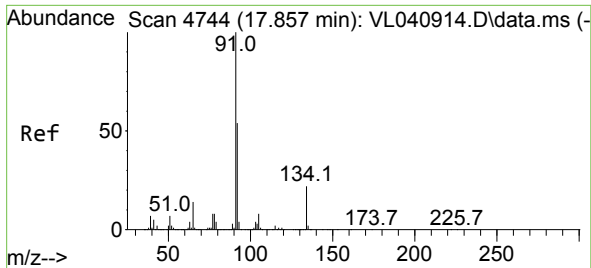
Tgt Ion: 95 Resp: 2192244
Ion Ratio Lower Upper
95 100
174 60.6 48.0 72.0
175 4.4 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.039 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

Tgt Ion: 119 Resp: 16125
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 0.0 24.1 36.1#

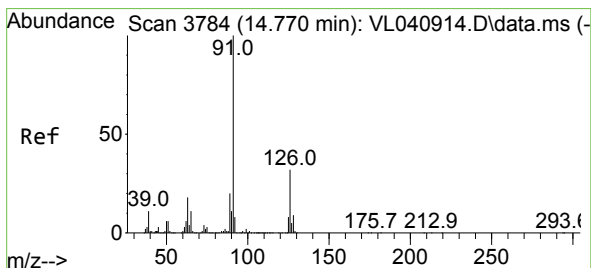
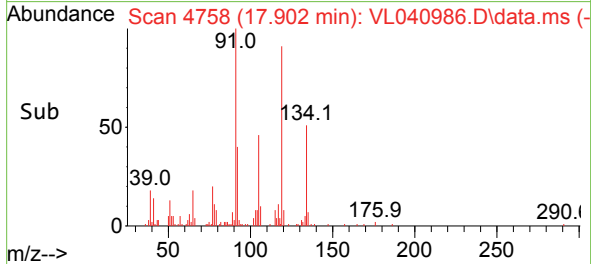
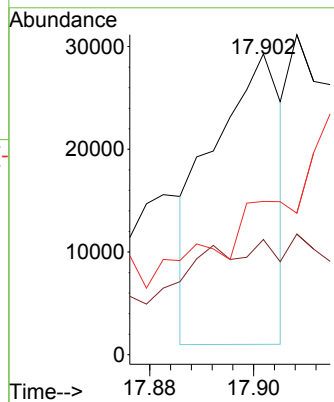
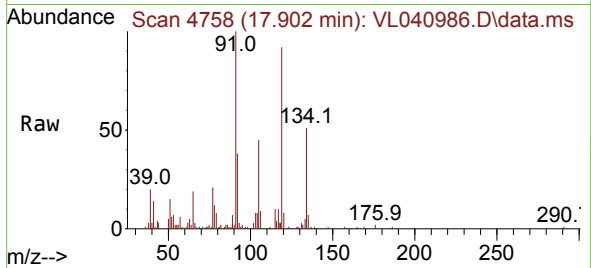




#70
n-Butylbenzene
Concen: 0.061 ppbv
RT: 17.902 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

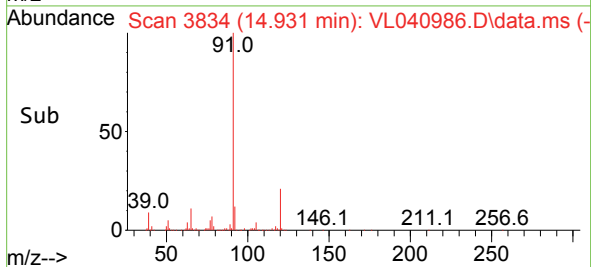
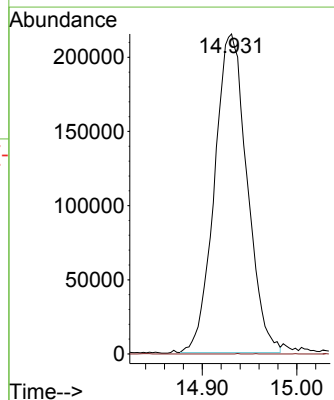
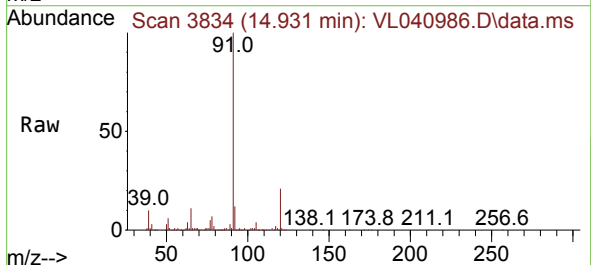
Instrument :
MSVOA_L
ClientSampleId :

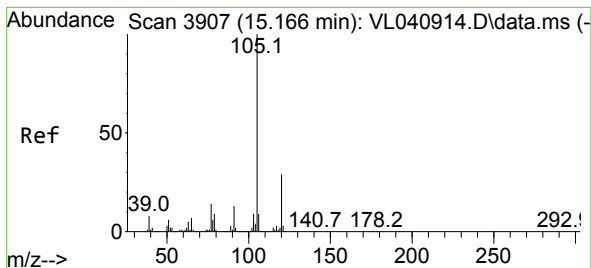
Tgt Ion: 91 Resp: 26238
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.0#
134 0.0 17.6 26.4#



#71
2-Chlorotoluene
Concen: 1.536 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.119 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

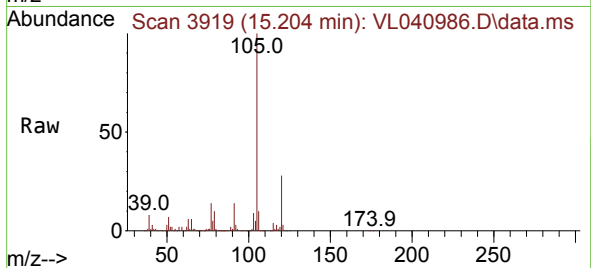
Tgt Ion: 91 Resp: 514749
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.6#



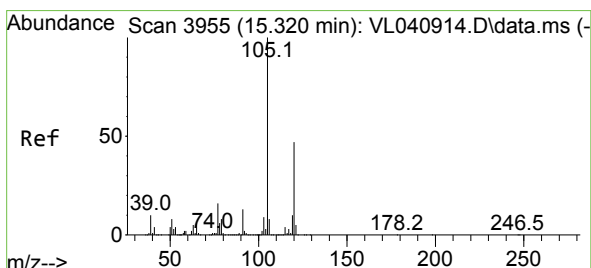
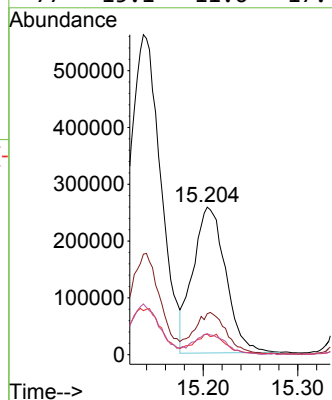
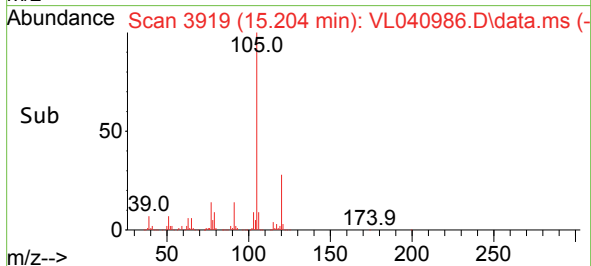


#72
4-Ethyltoluene
Concen: 1.921 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34

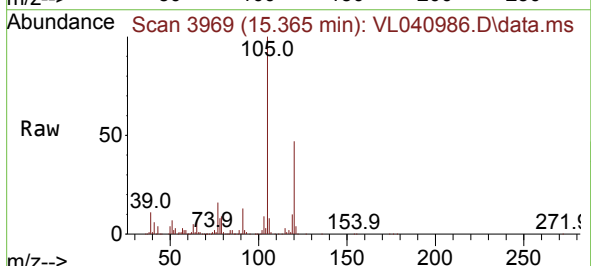
Instrument :
MSVOA_L
ClientSampleId :



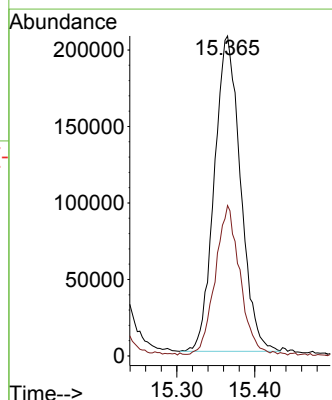
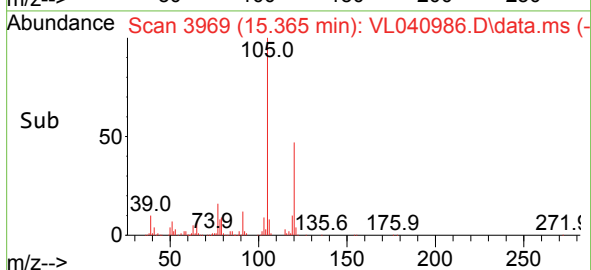
Tgt Ion:	105	Resp:	618504
Ion	Ratio	Lower	Upper
105	100		
120	27.9	23.8	35.8
91	14.2	10.9	16.3
77	15.1	11.6	17.4

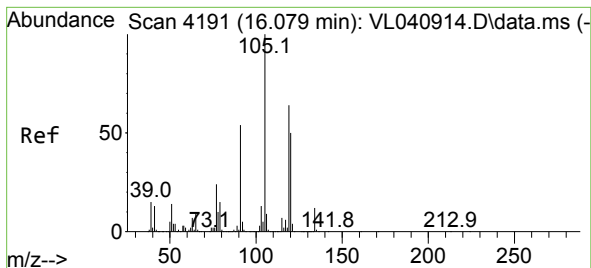


#73
1,3,5-Trimethylbenzene
Concen: 1.732 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VL040986.D
Acq: 16 Jan 2024 14:34



Tgt Ion:	105	Resp:	481290
Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.8	56.8





#74

1,2,4-Trimethylbenzene

Concen: 5.568 ppbv

RT: 16.121 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 1721924

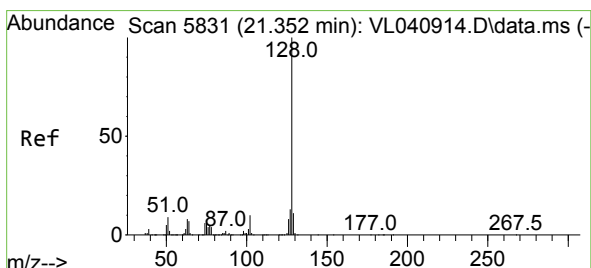
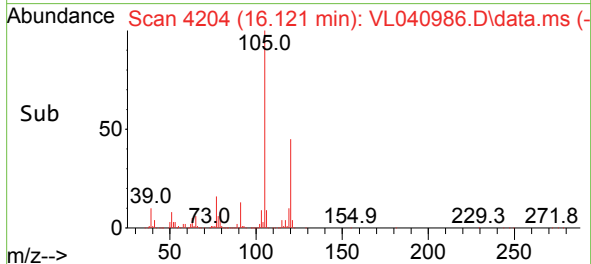
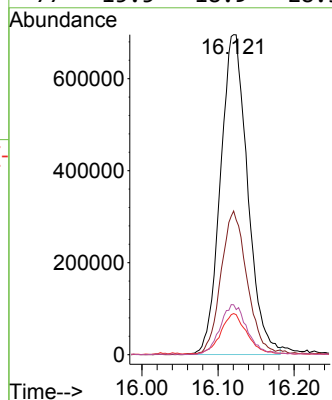
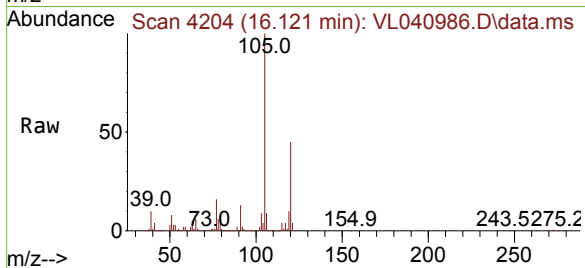
Ion Ratio Lower Upper

105 100

120 44.9 40.2 60.4

91 12.6 43.0 64.6#

77 15.5 18.9 28.3#



#79

Naphthalene

Concen: 0.067 ppbv

RT: 21.410 min Scan# 5849

Delta R.T. 0.006 min

Lab File: VL040986.D

Acq: 16 Jan 2024 14:34

Tgt Ion:128 Resp: 9951

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 9.2 8.7 13.1

