

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040396.D
 Acq On : 20 Apr 2023 8:33
 Operator : SY/MD
 Sample : 02332-07 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 20 10:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

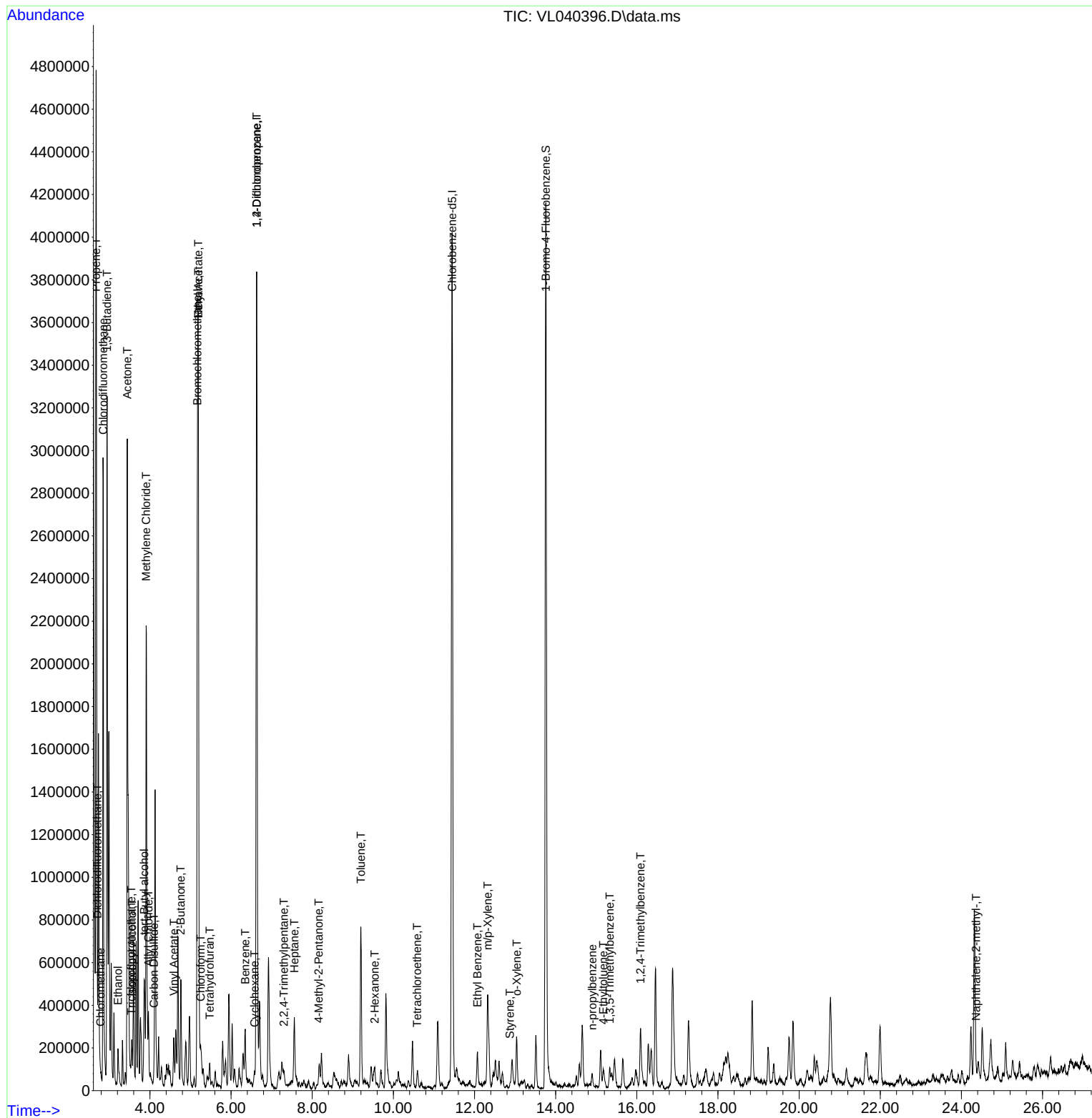
Internal Standards						
1) Bromochloromethane	5.169	49	1107803	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2881249	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2637194	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2120741	9.725	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.703	85	51460	0.258	ppbv #	82
3) Chlorodifluoromethane	2.848	51	4689	0.032	ppbv #	2
4) Chloromethane	2.787	50	6295	0.069	ppbv #	82
9) Propene	2.671	41	1731425	30.276	ppbv	92
10) Heptane	7.558	43	134996	1.039	ppbv	96
11) Trichlorofluoromethane	3.539	101	30742	0.152	ppbv	90
13) Ethanol	3.214	45	180743	37.859	ppbv	96
15) Acetone	3.439	43	3099408	19.753	ppbv #	78
16) 1,3-Butadiene	2.944	39	944882	14.551	ppbv #	28
17) tert-Butyl alcohol	3.861	59	347655	2.413	ppbv	100
19) Isopropyl Alcohol	3.555	45	91499	1.278	ppbv #	90
20) Methylene Chloride	3.909	84	698757	11.155	ppbv	93
21) Allyl Chloride	3.963	41	30391	0.341	ppbv #	1
23) Vinyl Acetate	4.590	43	76072	1.904	ppbv #	27
25) Ethyl Acetate	5.192	43	834250	3.160	ppbv #	76
26) Hexane	5.192	57	1241313	11.152	ppbv #	36
27) Carbon Disulfide	4.102	76	98854	0.686	ppbv	98
29) Chloroform	5.253	83	36110	0.182	ppbv	93
30) Cyclohexane	6.577	84	17186	0.199	ppbv #	71
34) 2-Butanone	4.761	43	547495	3.524	ppbv	100
36) Benzene	6.349	78	218740	0.931	ppbv	94
39) 1,2-Dichloropropane	6.632	63	708938	7.665	ppbv #	24
41) Tetrahydrofuran	5.475	42	12951	0.152	ppbv #	35
44) 2,2,4-Trimethylpentane	7.301	57	15859	0.040	ppbv #	1
50) 4-Methyl-2-Pentanone	8.163	43	30159	0.128	ppbv #	39
51) 2-Hexanone	9.542	43	48018	0.276	ppbv #	65
52) Tetrachloroethene	10.587	164	5967	0.081	ppbv #	89
53) Toluene	9.201	91	600775	2.411	ppbv	99
58) Ethyl Benzene	12.072	91	133193	0.411	ppbv	98
59) m/p-Xylene	12.326	91	440197	1.476	ppbv	94
60) o-Xylene	13.043	91	177270	0.619	ppbv	98
61) Styrene	12.873	104	5691	0.040	ppbv #	8
64) n-propylbenzene	14.902	120	5464	0.054	ppbv #	1
72) 4-Ethyltoluene	15.172	105	33073	0.105	ppbv #	58
73) 1,3,5-Trimethylbenzene	15.336	105	44046	0.151	ppbv	96
74) 1,2,4-Trimethylbenzene	16.092	105	192254	0.576	ppbv #	65
80) Naphthalene,2-methyl-	24.365	142	6551	0.098	ppbv #	75

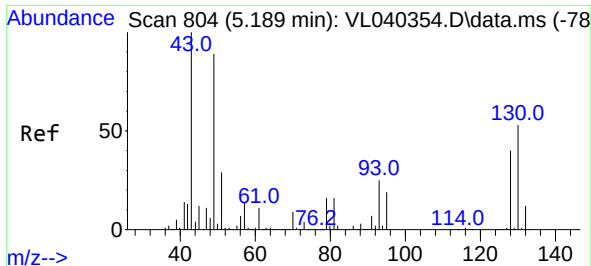
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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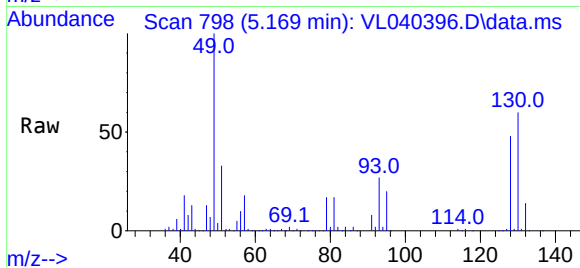
Quant Time: Apr 20 10:33:07 2023
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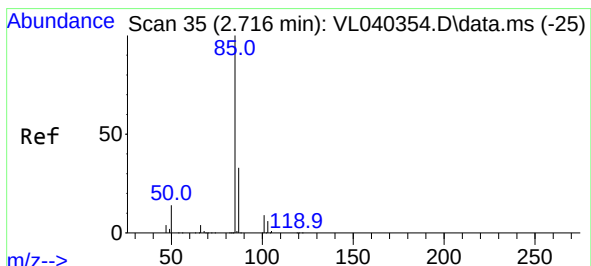
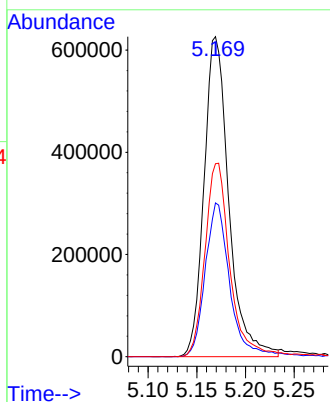
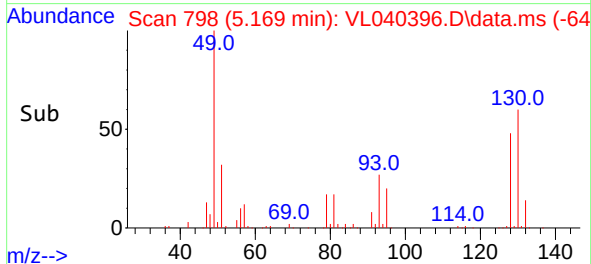


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 74
Delta R.T. -0.020 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Instrument :
MSVOA_L
ClientSampleId :

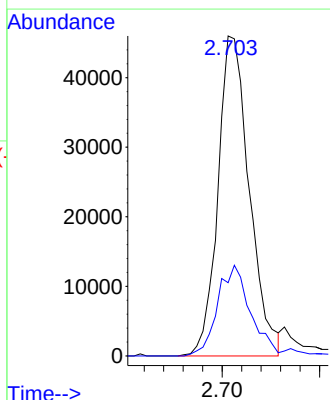
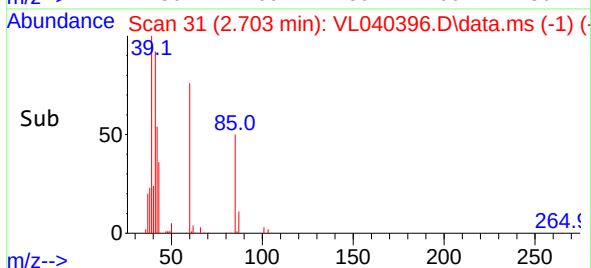
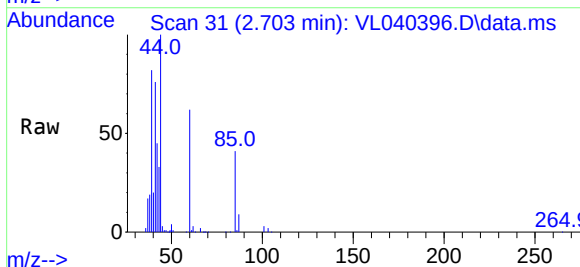


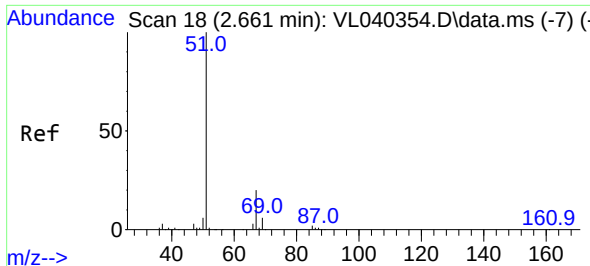
Tgt Ion: 49 Resp: 1107803
Ion Ratio Lower Upper
49 100
128 48.0 23.7 71.1
130 61.8 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.258 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 85 Resp: 51460
Ion Ratio Lower Upper
85 100
87 22.9 26.6 40.0#

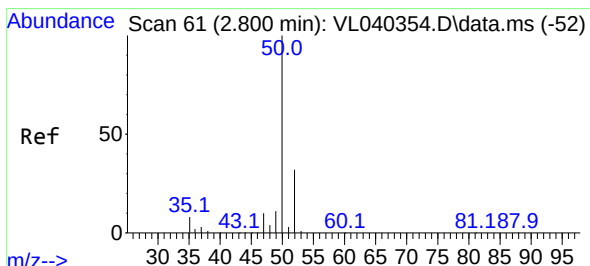
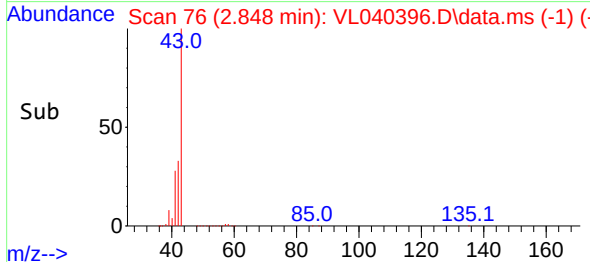
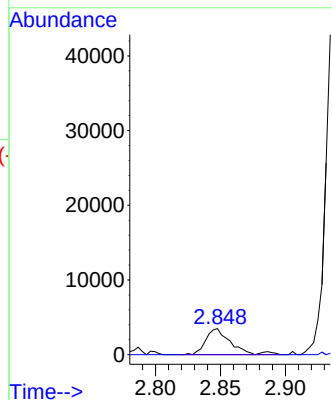
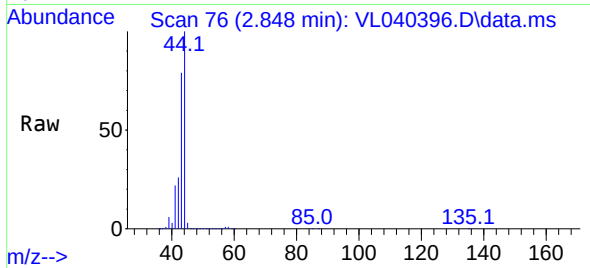




#3
Chlorodifluoromethane
Concen: 0.032 ppbv
RT: 2.848 min Scan# 71
Delta R.T. 0.187 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

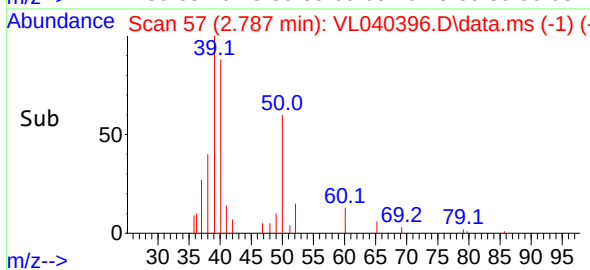
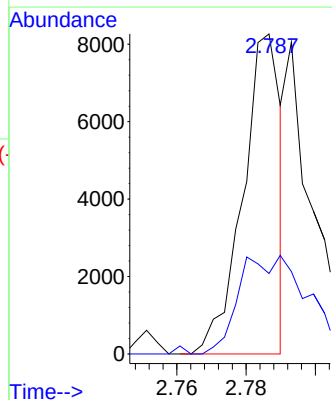
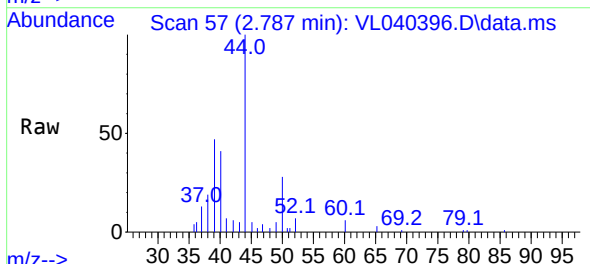
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 4689
Ion Ratio Lower Upper
51 100
67 63.8 15.5 23.3#

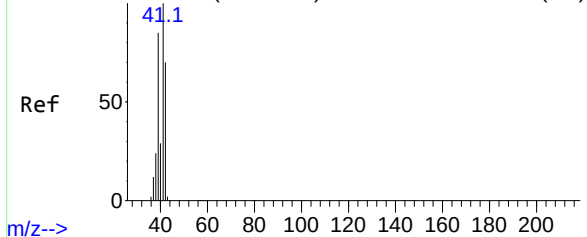


#4
Chloromethane
Concen: 0.069 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.013 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 50 Resp: 6295
Ion Ratio Lower Upper
50 100
52 21.5 25.3 37.9#



Abundance Scan 24 (2.681 min): VL040354.D\data.ms (-15)



#9

Propene

Concen: 30.276 ppbv

RT: 2.671 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

Instrument :

MSVOA_L

ClientSampleId :

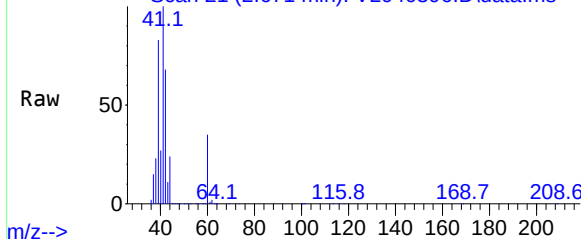
Tgt Ion: 41 Resp: 1731425

Ion Ratio Lower Upper

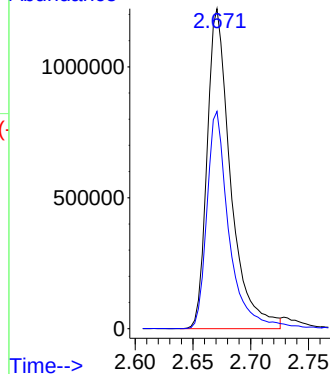
41 100

42 64.3 56.5 84.7

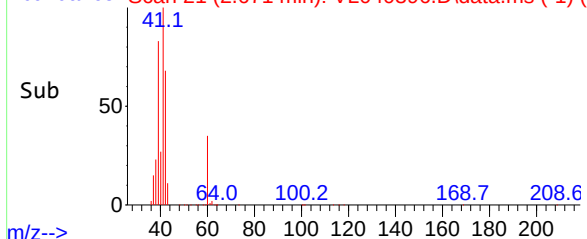
Abundance Scan 21 (2.671 min): VL040396.D\data.ms



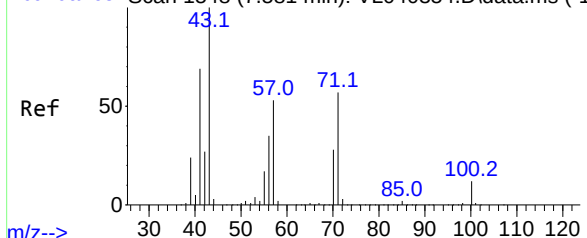
Abundance



Abundance Scan 21 (2.671 min): VL040396.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040354.D\data.ms (-1)



#10

Heptane

Concen: 1.039 ppbv

RT: 7.558 min Scan# 1541

Delta R.T. -0.023 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

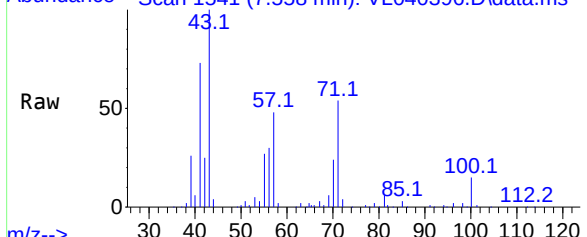
Tgt Ion: 43 Resp: 134996

Ion Ratio Lower Upper

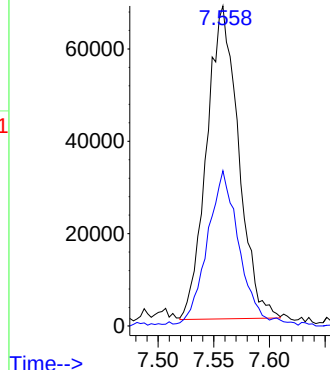
43 100

57 50.1 42.2 63.4

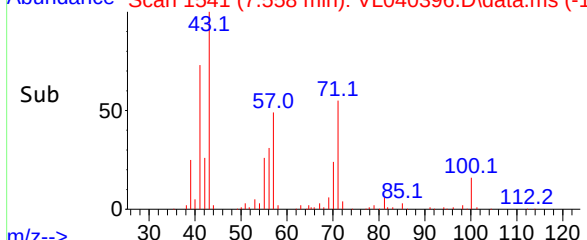
Abundance Scan 1541 (7.558 min): VL040396.D\data.ms

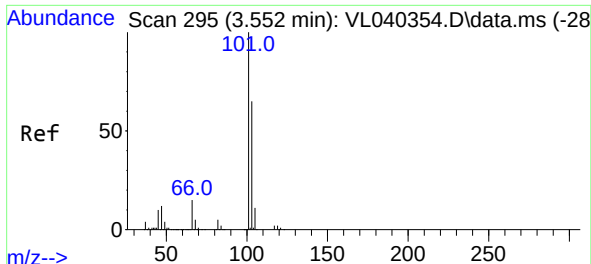


Abundance



Abundance Scan 1541 (7.558 min): VL040396.D\data.ms (-1)

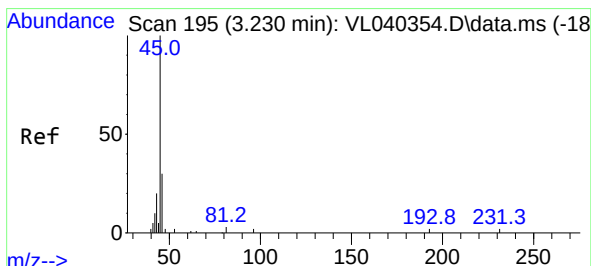
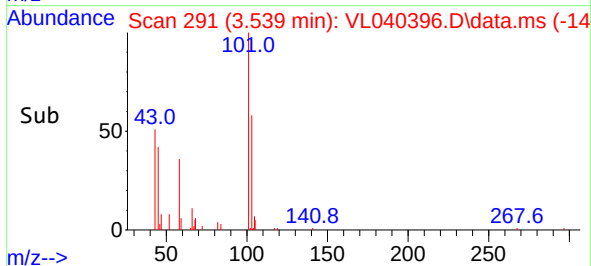
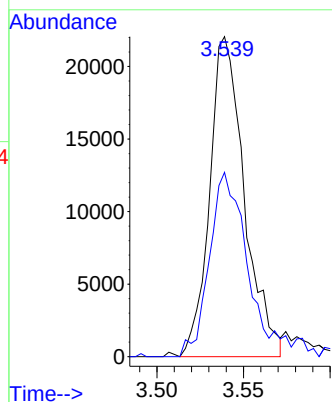
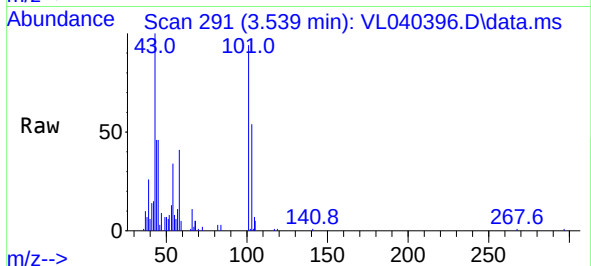




#11
 Trichlorofluoromethane
 Concen: 0.152 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. -0.013 min
 Lab File: VL040396.D
 Acq: 20 Apr 2023 8:33

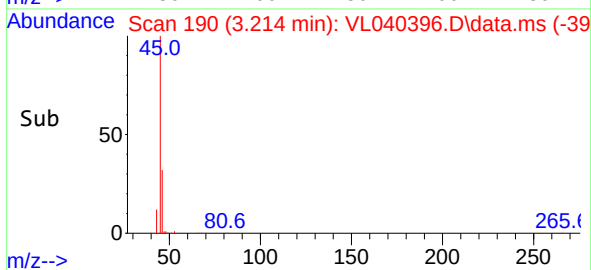
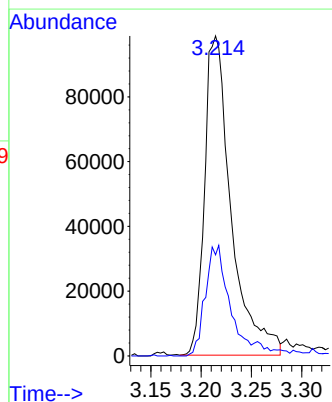
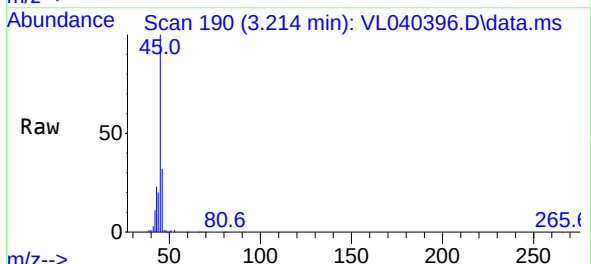
Instrument :
 MSVOA_L
 ClientSampleId :

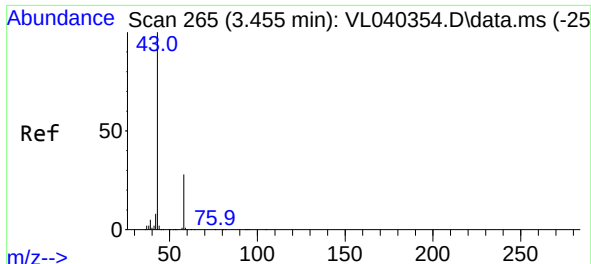
Tgt Ion:101 Resp: 30742
 Ion Ratio Lower Upper
 101 100
 103 57.6 52.2 78.4



#13
 Ethanol
 Concen: 37.859 ppbv
 RT: 3.214 min Scan# 190
 Delta R.T. -0.016 min
 Lab File: VL040396.D
 Acq: 20 Apr 2023 8:33

Tgt Ion: 45 Resp: 180743
 Ion Ratio Lower Upper
 45 100
 46 35.6 15.3 61.3

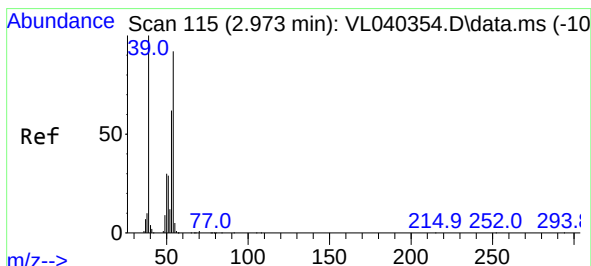
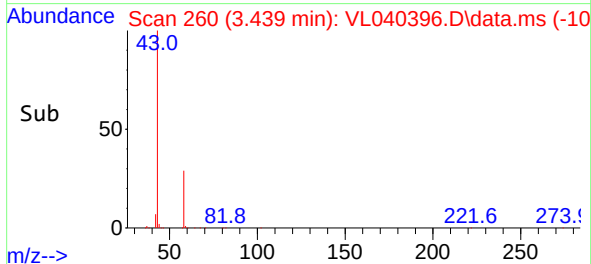
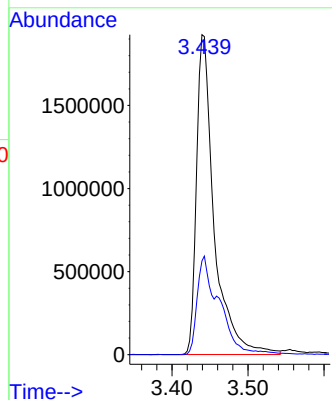
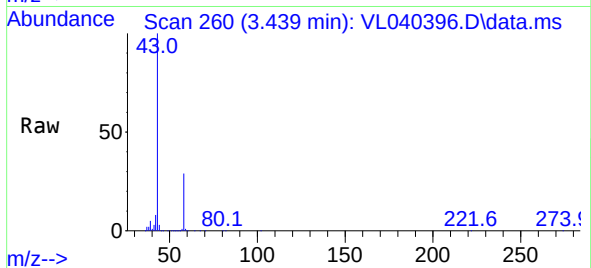




#15
Acetone
Concen: 19.753 ppbv
RT: 3.439 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

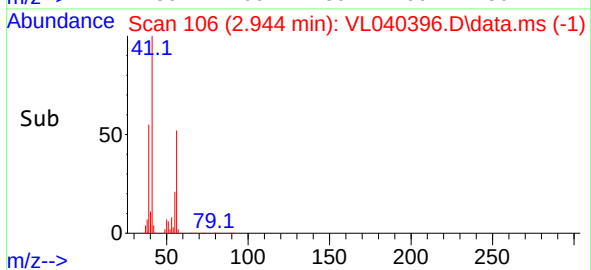
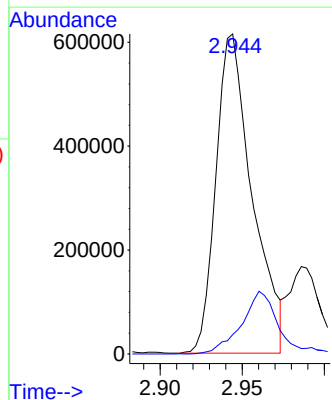
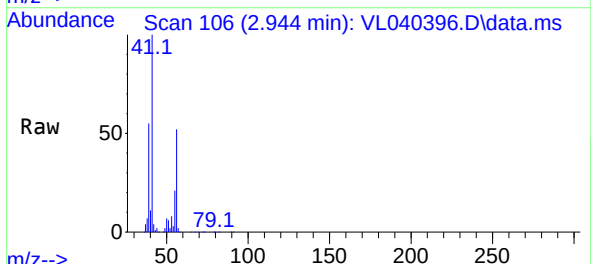
Instrument :
MSVOA_L
ClientSampleId :

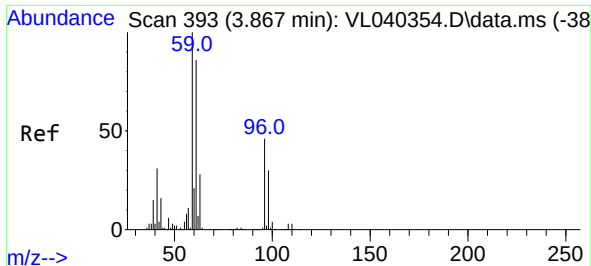
Tgt Ion: 43 Resp: 3099408
Ion Ratio Lower Upper
43 100
58 39.2 22.2 33.2#



#16
1,3-Butadiene
Concen: 14.551 ppbv
RT: 2.944 min Scan# 106
Delta R.T. -0.029 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 39 Resp: 944882
Ion Ratio Lower Upper
39 100
54 20.1 68.8 103.2#

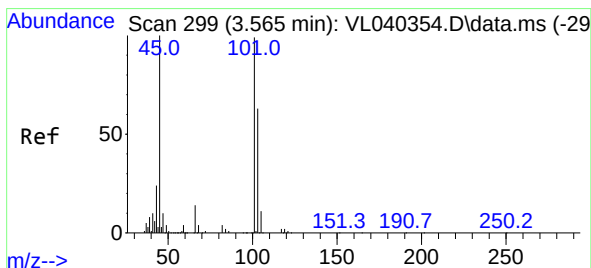
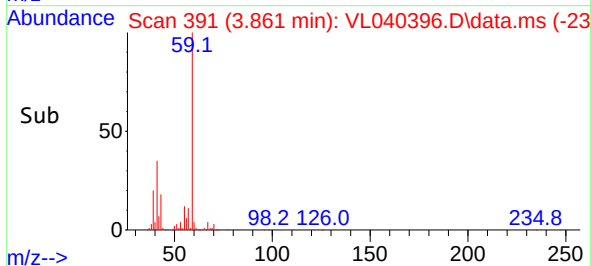
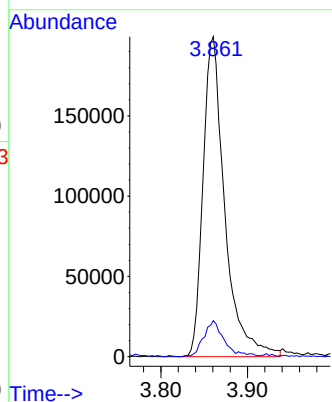
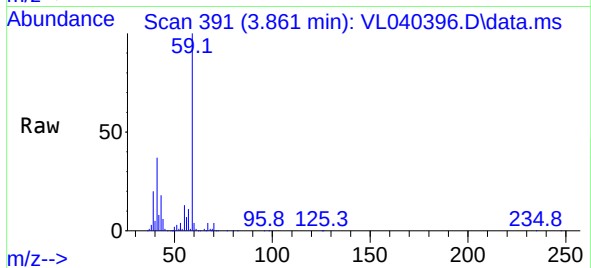




#17
tert-Butyl alcohol
Concen: 2.413 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.006 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

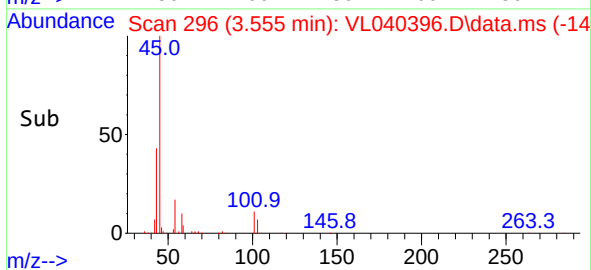
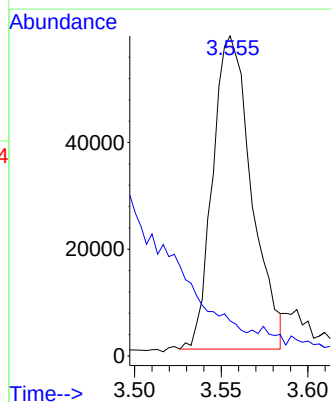
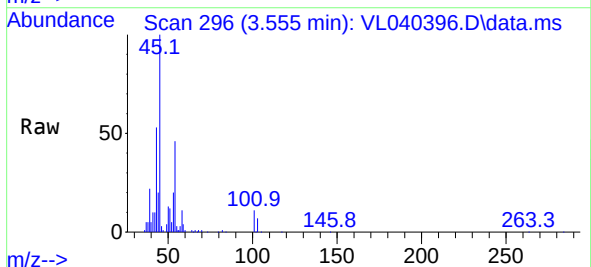
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MSVOA_L
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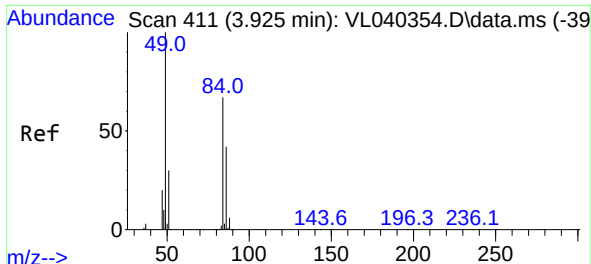
Tgt Ion: 59 Resp: 347655
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#19
Isopropyl Alcohol
Concen: 1.278 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.010 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 45 Resp: 91499
Ion Ratio Lower Upper
45 100
58 0.0 2.6 4.0#

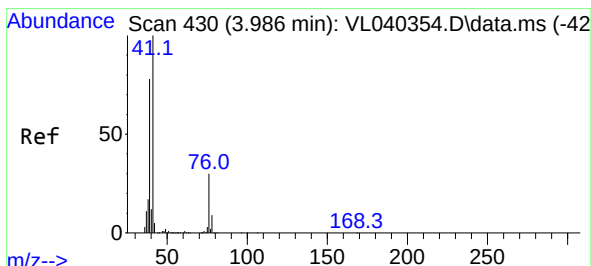
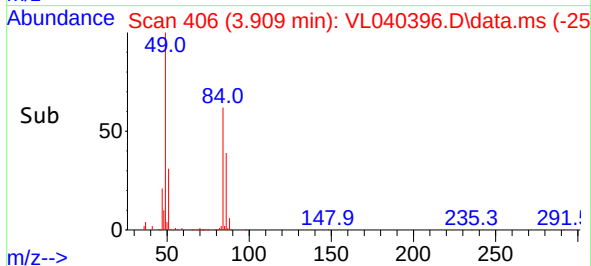
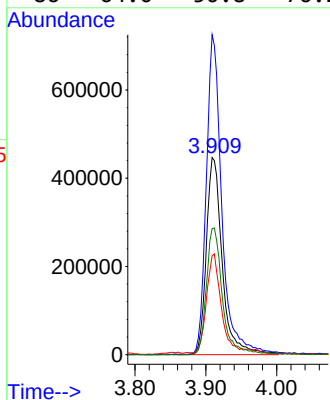
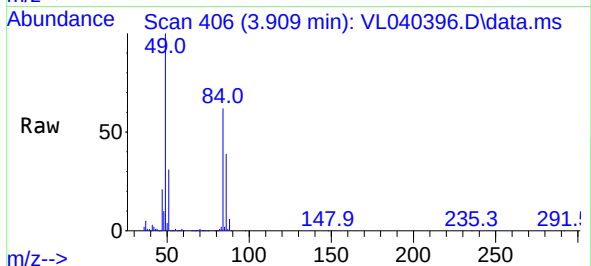




#20
Methylene Chloride
Concen: 11.155 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.016 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

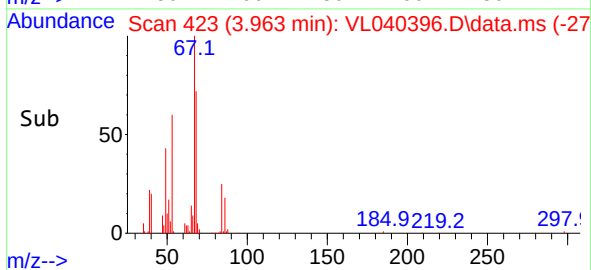
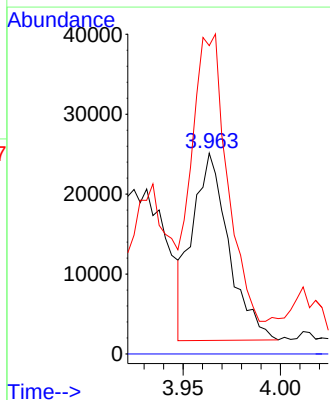
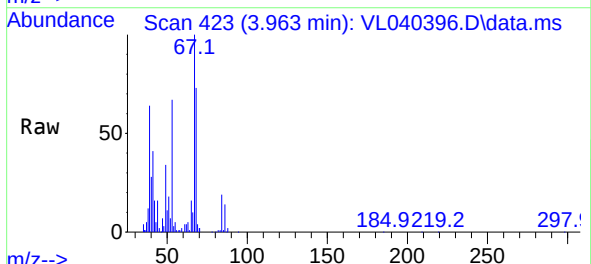
Instrument :
MSVOA_L
ClientSampleId :

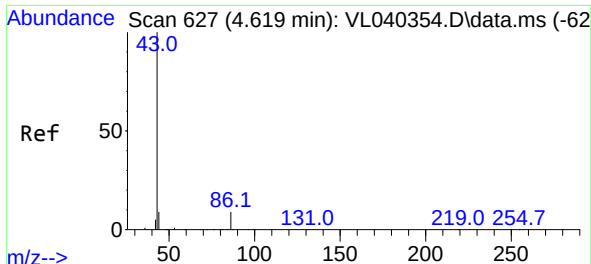
Tgt Ion: 84 Resp: 698757
Ion Ratio Lower Upper
84 100
49 162.1 120.1 180.1
51 49.4 36.3 54.5
86 64.0 50.8 76.2



#21
Allyl Chloride
Concen: 0.341 ppbv
RT: 3.963 min Scan# 423
Delta R.T. -0.023 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 41 Resp: 30391
Ion Ratio Lower Upper
41 100
76 0.0 25.5 38.3#
39 226.7 64.0 96.0#



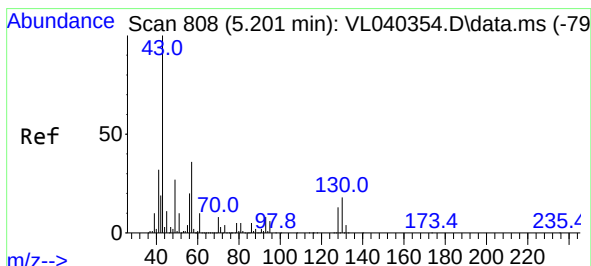
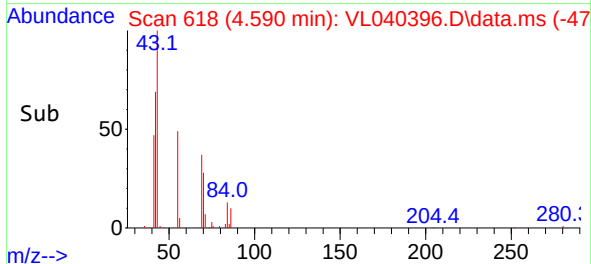
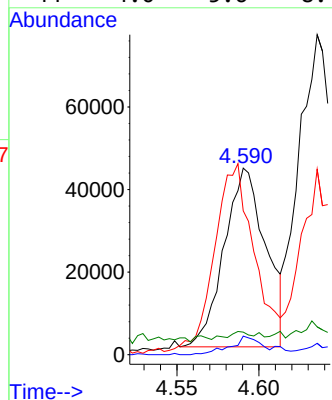
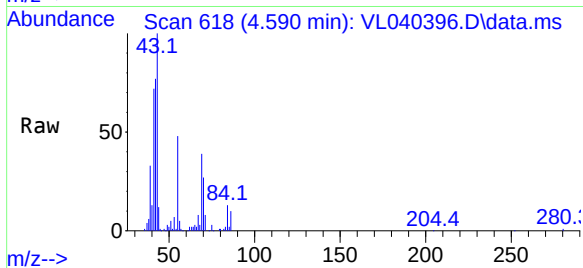


#23
 Vinyl Acetate
 Concen: 1.904 ppbv
 RT: 4.590 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: VL040396.D
 Acq: 20 Apr 2023 8:33

Instrument :
 MSVOA_1
 ClientSampleId :

Tgt Ion: 43 Resp: 76072

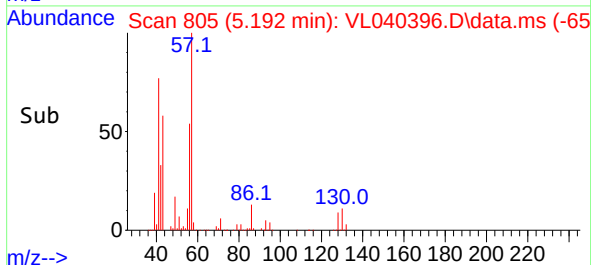
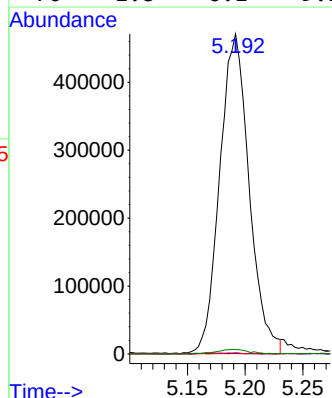
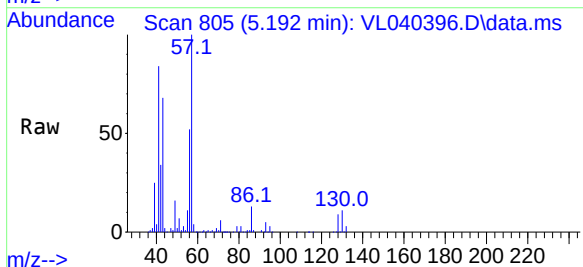
Ion	Ratio	Lower	Upper
43	100		
86	10.4	6.0	9.0#
42	75.2	6.4	9.6#
44	4.0	5.6	8.4#

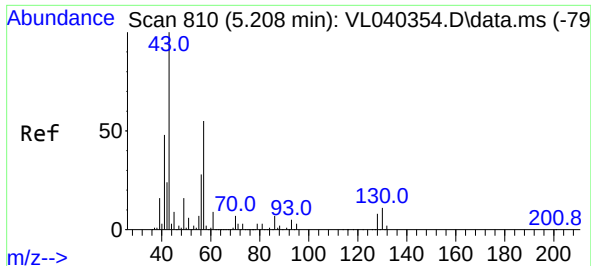


#25
 Ethyl Acetate
 Concen: 3.160 ppbv
 RT: 5.192 min Scan# 805
 Delta R.T. -0.009 min
 Lab File: VL040396.D
 Acq: 20 Apr 2023 8:33

Tgt Ion: 43 Resp: 834250

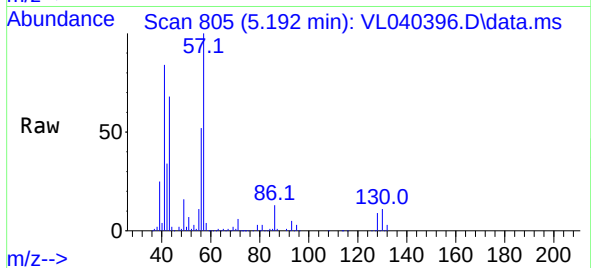
Ion	Ratio	Lower	Upper
43	100		
45	0.4	8.5	12.7#
61	0.3	8.5	12.7#
70	1.8	6.1	9.1#



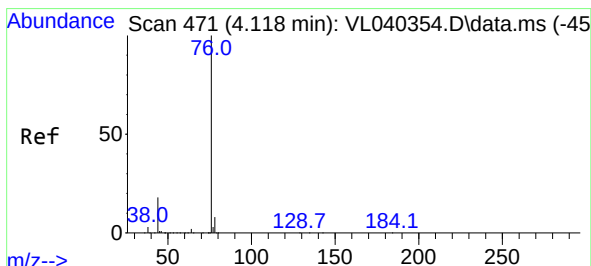
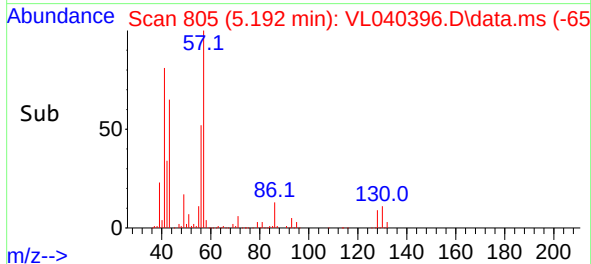
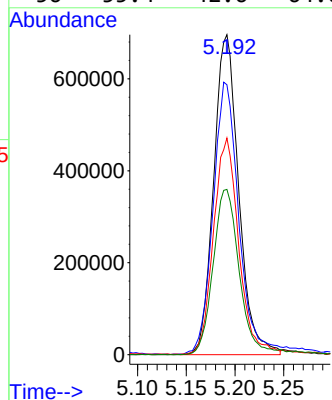


#26
Hexane
Concen: 11.152 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Instrument :
MSVOA_L
ClientSampleId :

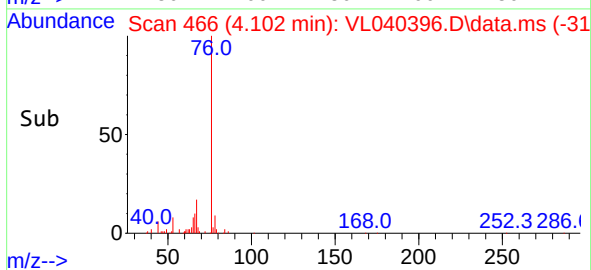
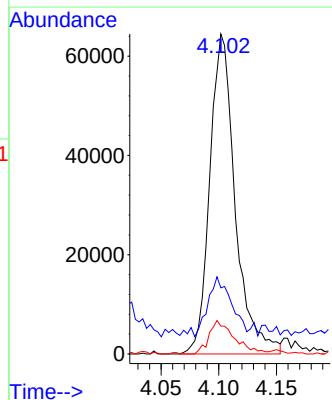
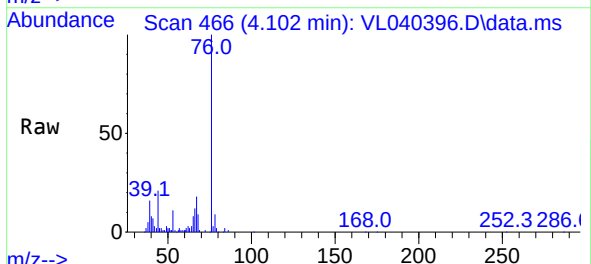


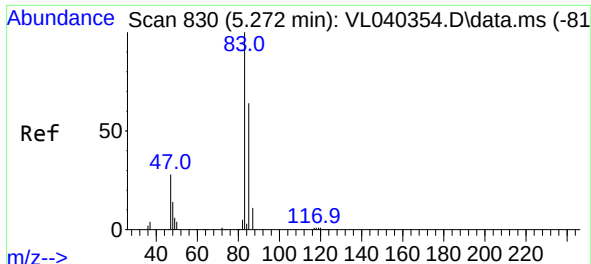
Tgt Ion: 57 Resp: 1241313
Ion Ratio Lower Upper
57 100
41 90.0 74.8 112.2
43 69.4 192.7 289.1#
56 55.4 42.6 64.0



#27
Carbon Disulfide
Concen: 0.686 ppbv
RT: 4.102 min Scan# 466
Delta R.T. -0.016 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 76 Resp: 98854
Ion Ratio Lower Upper
76 100
44 18.3 14.7 22.1
78 11.1 7.7 11.5





#29

Chloroform

Concen: 0.182 ppbv

RT: 5.253 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

Instrument :

MSVOA_L

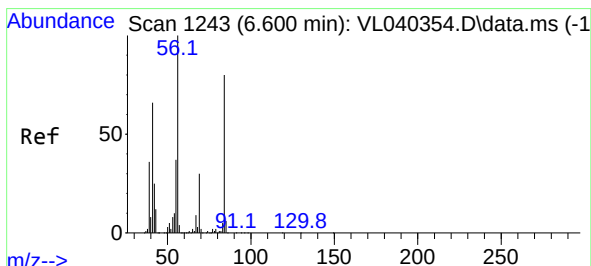
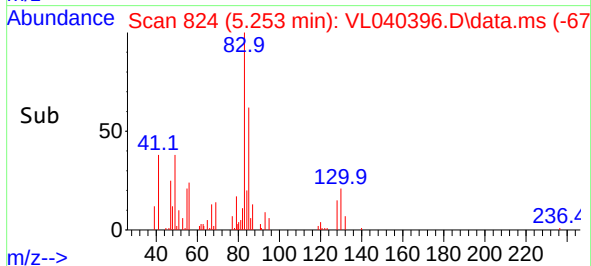
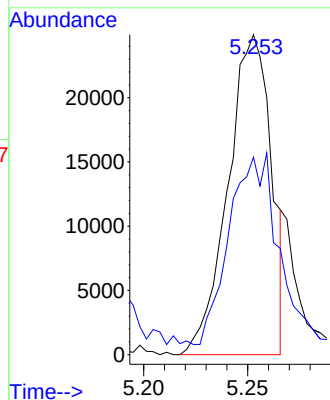
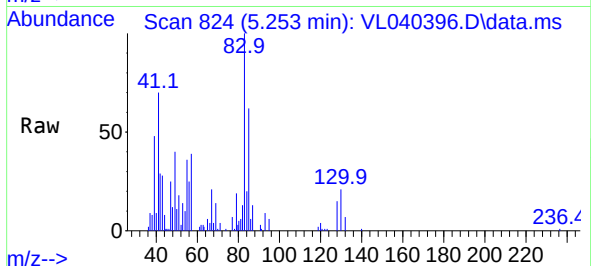
ClientSampleId :

Tgt Ion: 83 Resp: 36110

Ion Ratio Lower Upper

83 100

85 58.2 51.0 76.4



#30

Cyclohexane

Concen: 0.199 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. -0.023 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

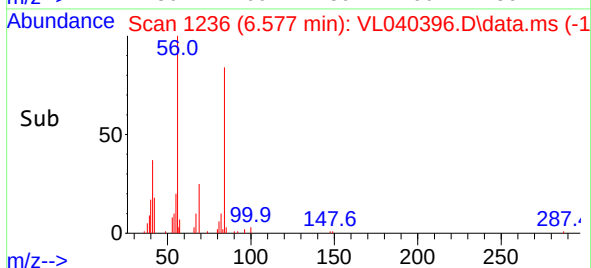
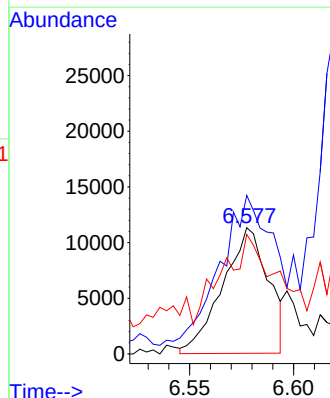
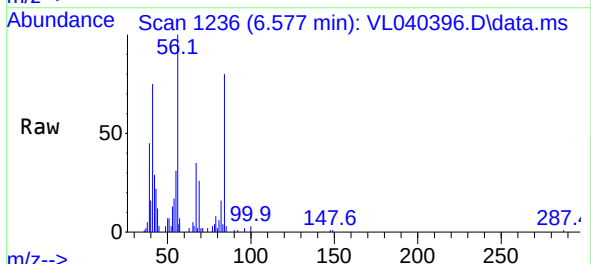
Tgt Ion: 84 Resp: 17186

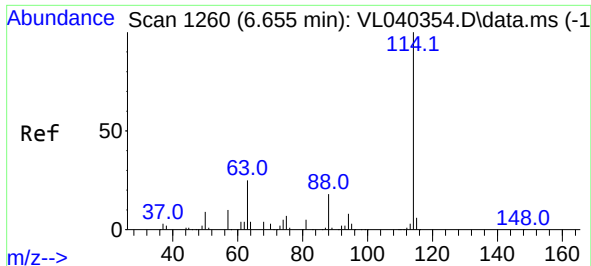
Ion Ratio Lower Upper

84 100

56 145.2 107.0 160.6

41 137.8 66.7 100.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

Instrument :

MSVOA_L

ClientSampleId :

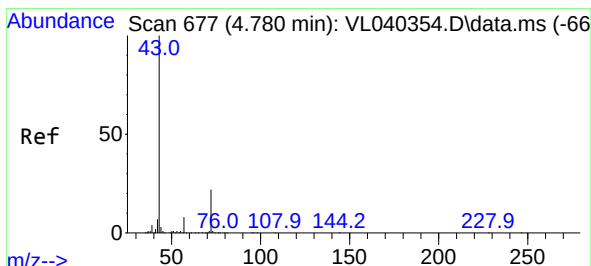
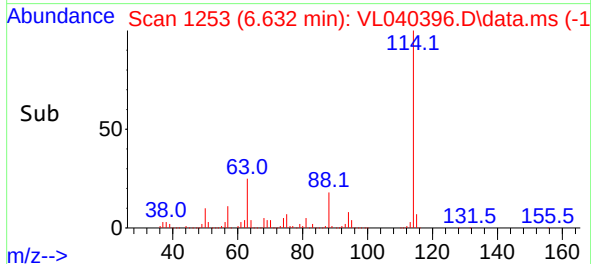
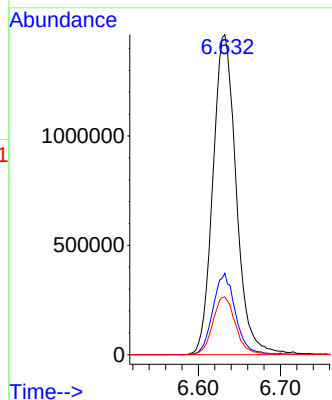
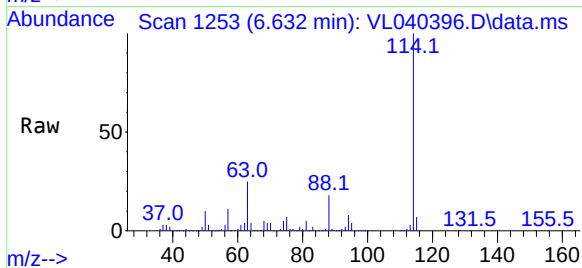
Tgt Ion:114 Resp: 2881249

Ion Ratio Lower Upper

114 100

63 24.9 21.4 32.0

88 17.9 14.6 22.0



#34

2-Butanone

Concen: 3.524 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.019 min

Lab File: VL040396.D

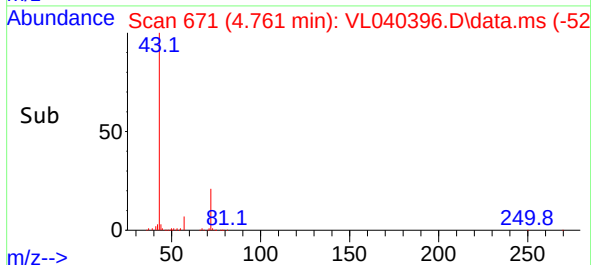
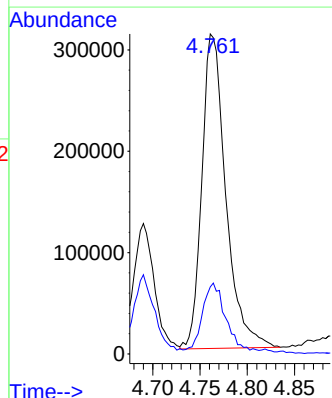
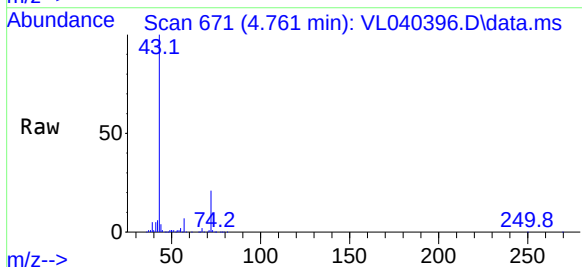
Acq: 20 Apr 2023 8:33

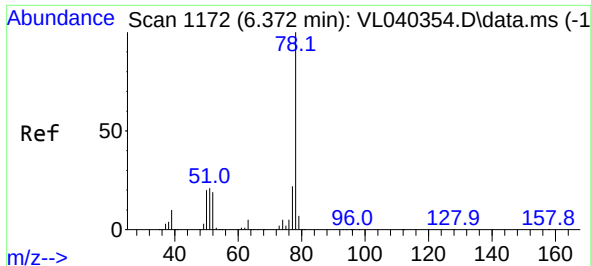
Tgt Ion: 43 Resp: 547495

Ion Ratio Lower Upper

43 100

72 23.1 18.4 27.6

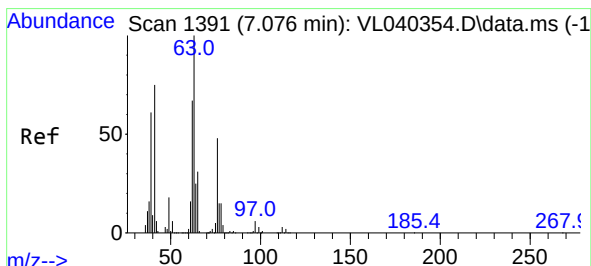
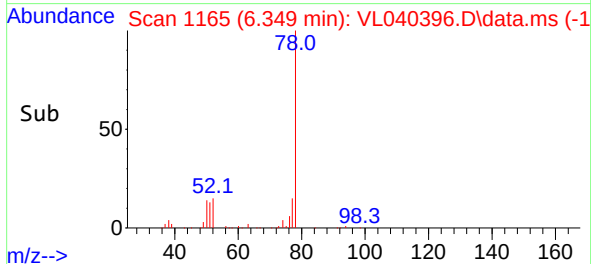
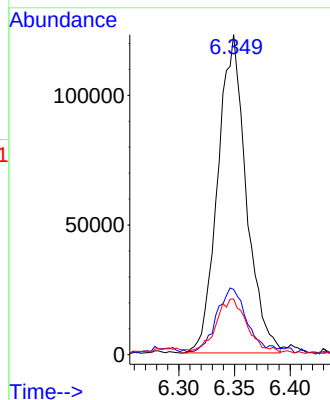
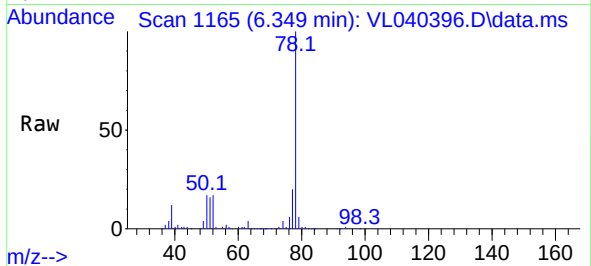




#36
Benzene
Concen: 0.931 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.023 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

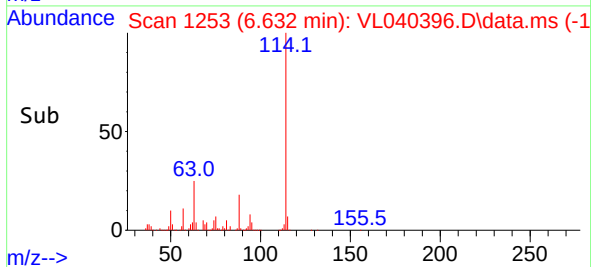
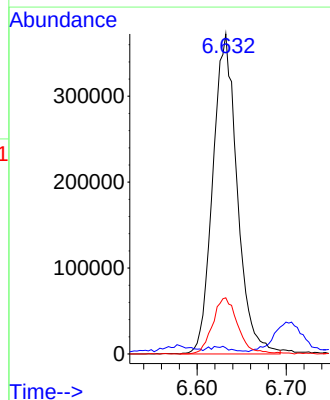
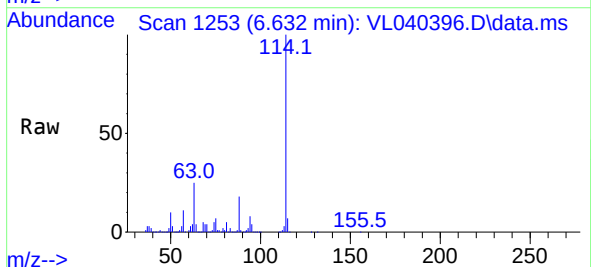
Instrument :
MSVOA_L
ClientSampleId :

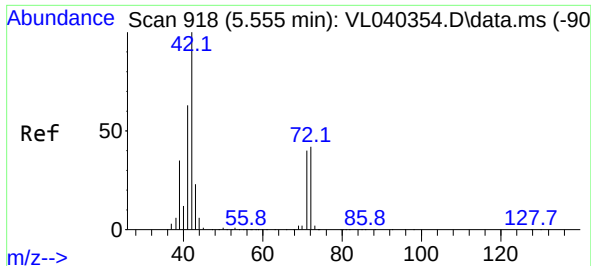
Tgt Ion: 78 Resp: 218740
Ion Ratio Lower Upper
78 100
77 19.6 17.8 26.8
50 16.7 15.6 23.4



#39
1,2-Dichloropropane
Concen: 7.665 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.444 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

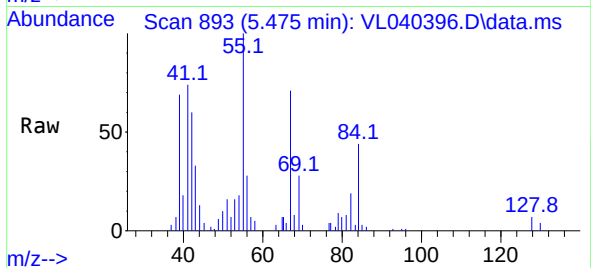
Tgt Ion: 63 Resp: 708938
Ion Ratio Lower Upper
63 100
41 0.0 59.6 89.4#
62 17.5 53.9 80.9#



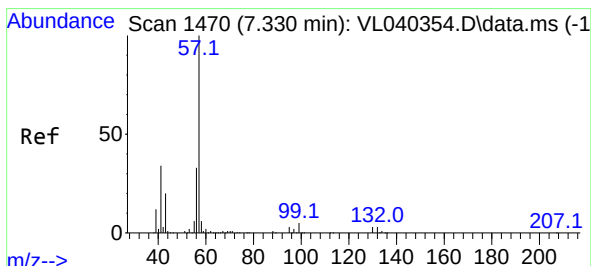
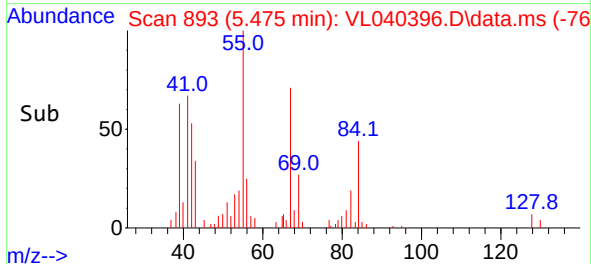
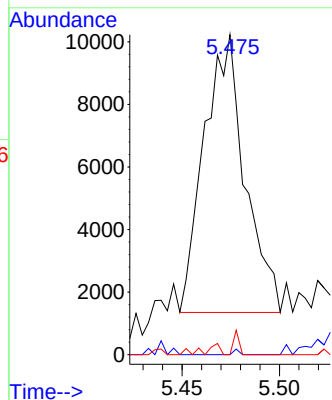


#41
Tetrahydrofuran
Concen: 0.152 ppbv
RT: 5.475 min Scan# 893
Delta R.T. -0.080 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Instrument :
MSVOA_L
ClientSampleId :

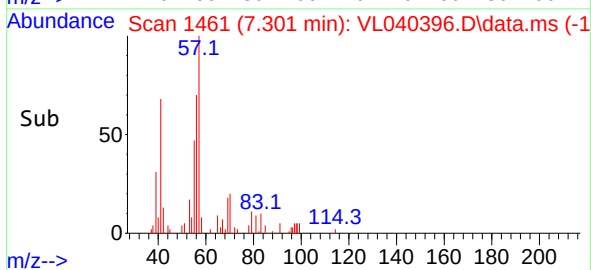
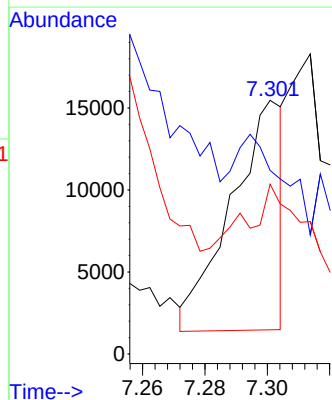
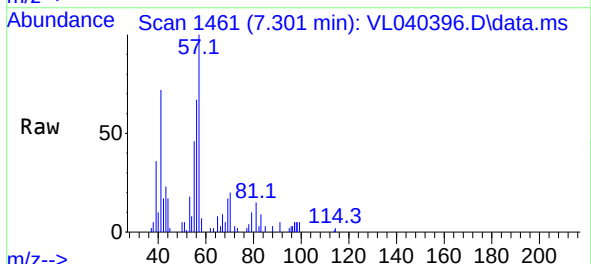


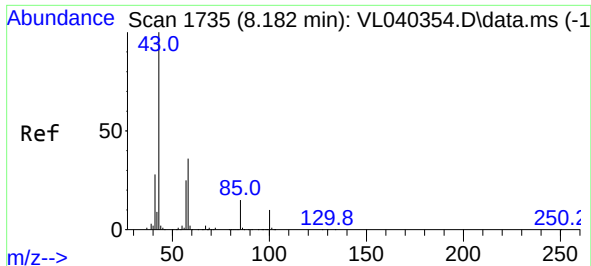
Tgt Ion: 42 Resp: 12951
Ion Ratio Lower Upper
42 100
72 1.3 33.7 50.5#
71 0.0 32.2 48.2#



#44
2,2,4-Trimethylpentane
Concen: 0.040 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.029 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 57 Resp: 15859
Ion Ratio Lower Upper
57 100
41 0.0 26.9 40.3#
56 138.4 25.1 37.7#





#50

4-Methyl-2-Pentanone

Concen: 0.128 ppbv

RT: 8.163 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

Instrument :

MSVOA_L

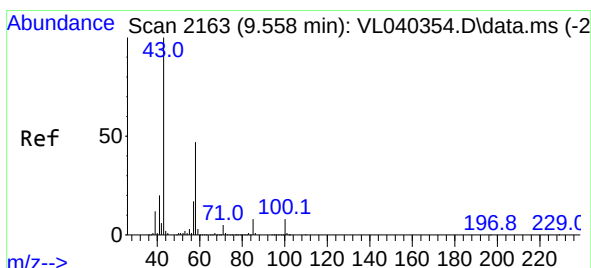
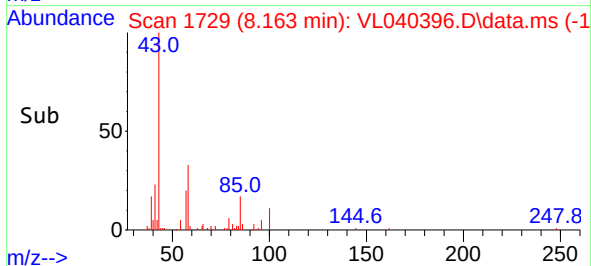
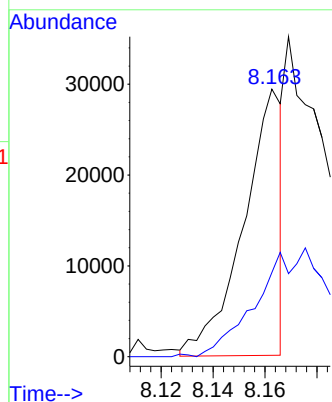
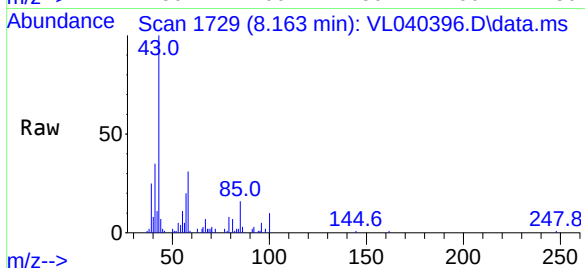
ClientSampleId :

Tgt Ion: 43 Resp: 30159

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#51

2-Hexanone

Concen: 0.276 ppbv

RT: 9.542 min Scan# 2158

Delta R.T. -0.016 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

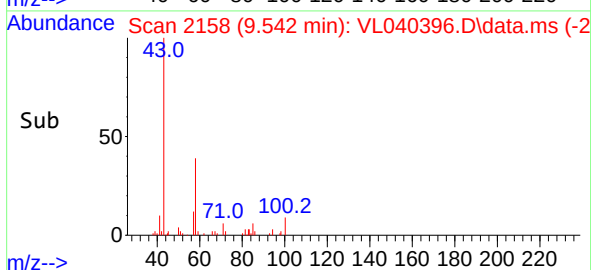
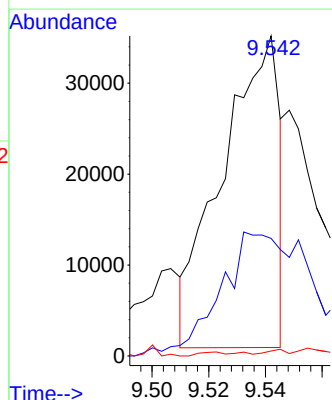
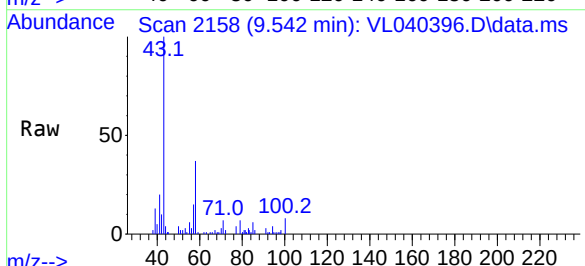
Tgt Ion: 43 Resp: 48018

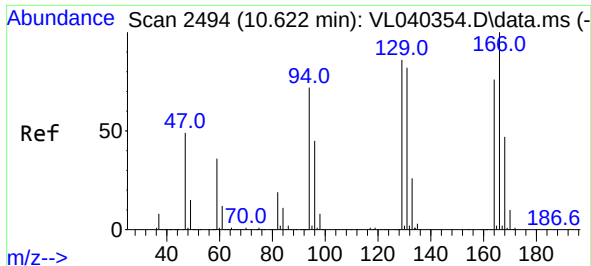
Ion Ratio Lower Upper

43 100

58 72.0 38.3 57.5#

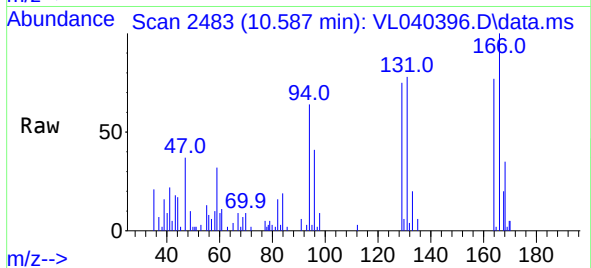
98 0.0 0.4 0.6#



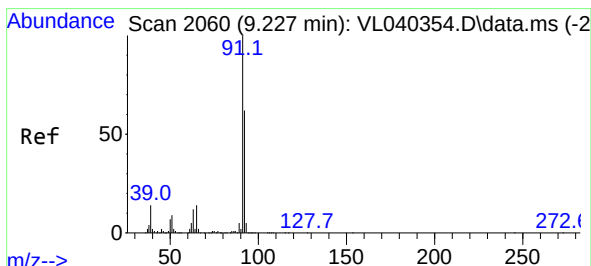
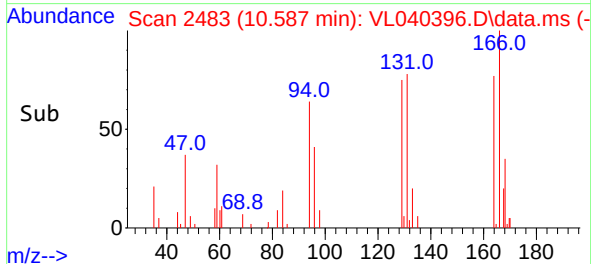
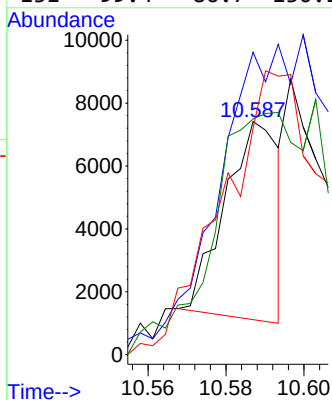


#52
Tetrachloroethene
Concen: 0.081 ppbv
RT: 10.587 min Scan# 2494
Delta R.T. -0.035 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Instrument :
MSVOA_L
ClientSampleId :

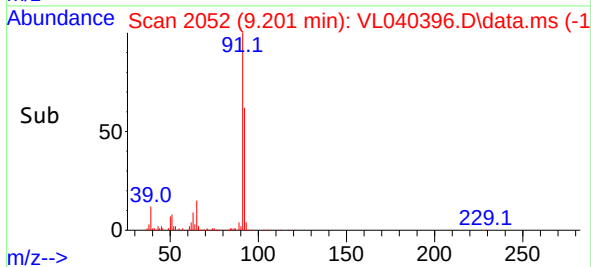
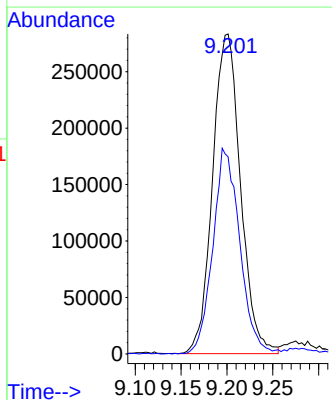
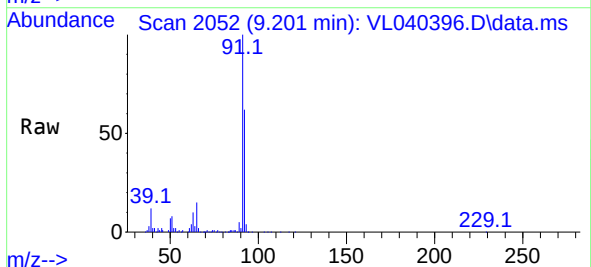


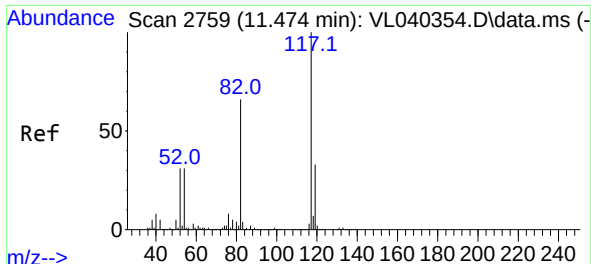
Tgt Ion:164 Resp: 5967
Ion Ratio Lower Upper
164 100
166 132.1 105.2 157.8
129 85.5 90.3 135.5#
131 99.4 86.7 130.1



#53
Toluene
Concen: 2.411 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. -0.026 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

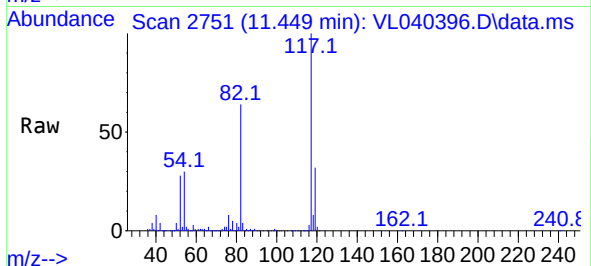
Tgt Ion: 91 Resp: 600775
Ion Ratio Lower Upper
91 100
92 62.2 48.9 73.3



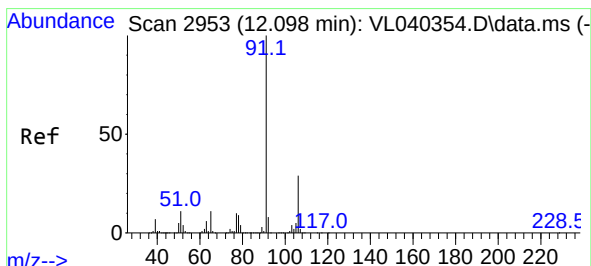
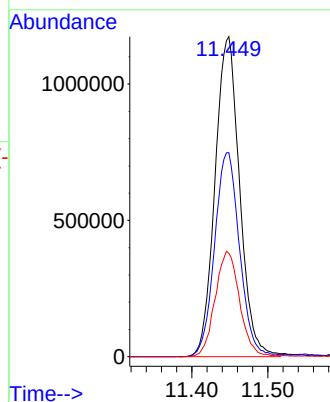
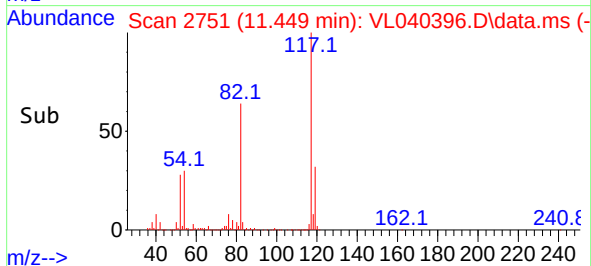


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.025 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

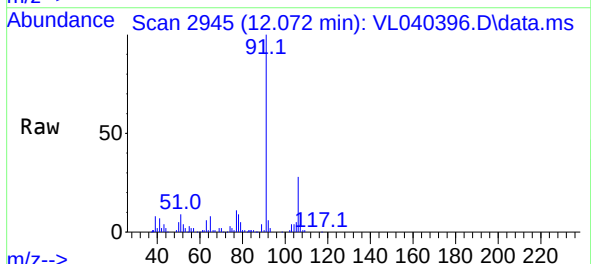
Instrument :
MSVOA_L
ClientSampleId :



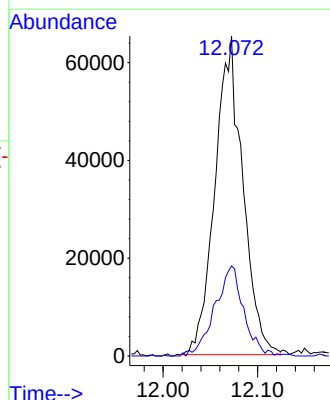
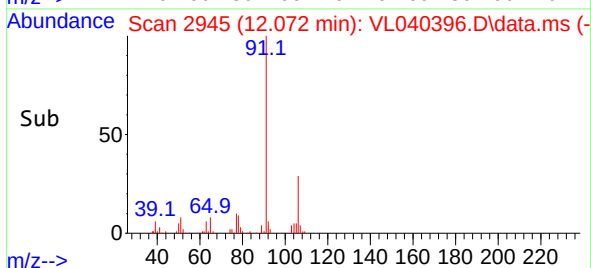
Tgt Ion:117 Resp: 2637194
Ion Ratio Lower Upper
117 100
82 66.1 52.5 78.7
119 33.0 24.3 36.5

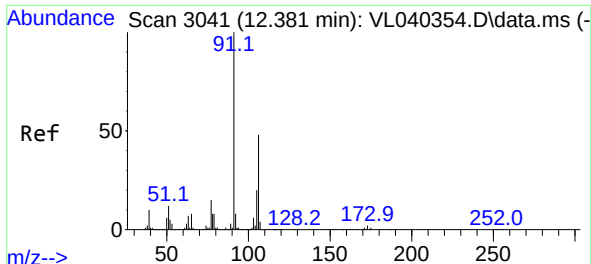


#58
Ethyl Benzene
Concen: 0.411 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33



Tgt Ion: 91 Resp: 133193
Ion Ratio Lower Upper
91 100
106 28.3 23.5 35.3





#59

m/p-Xylene

Concen: 1.476 ppbv

RT: 12.326 min Scan# 3041

Delta R.T. -0.055 min

Lab File: VL040396.D

Acq: 20 Apr 2023 8:33

Instrument :

MSVOA_L

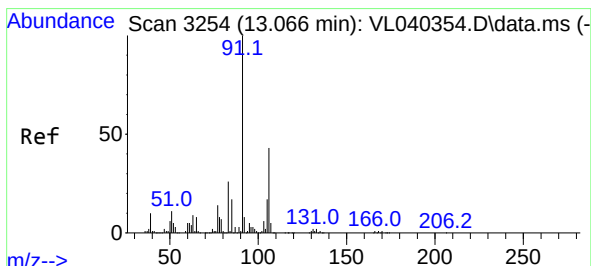
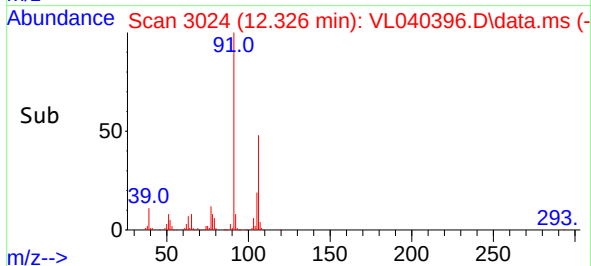
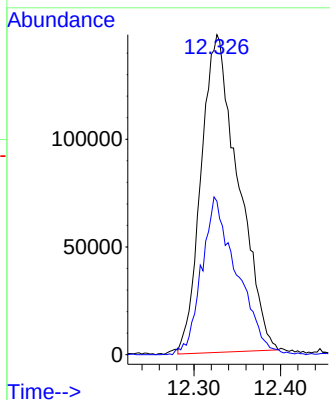
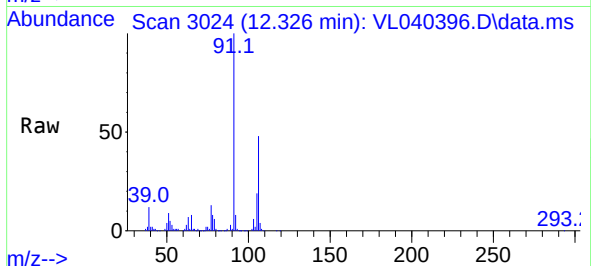
ClientSampleId :

Tgt Ion: 91 Resp: 440197

Ion Ratio Lower Upper

91 100

106 47.4 34.7 52.1



#60

o-Xylene

Concen: 0.619 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. -0.023 min

Lab File: VL040396.D

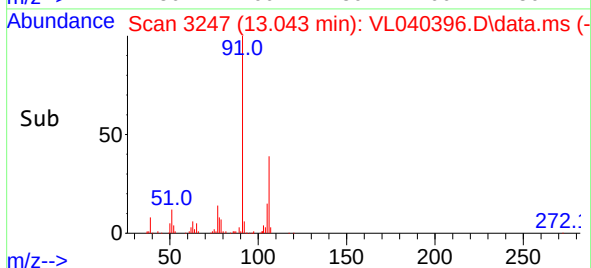
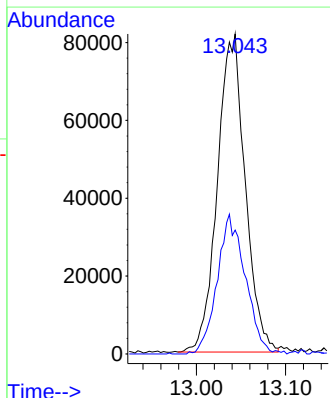
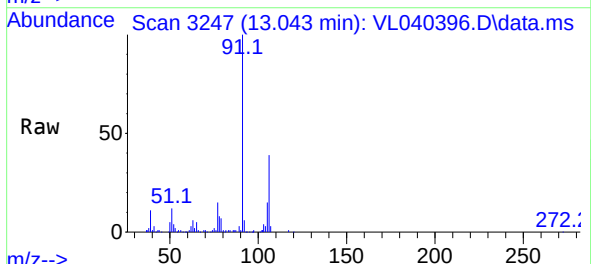
Acq: 20 Apr 2023 8:33

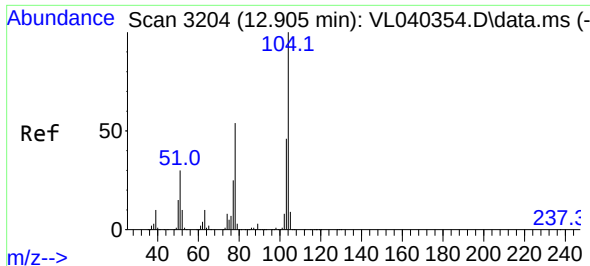
Tgt Ion: 91 Resp: 177270

Ion Ratio Lower Upper

91 100

106 45.2 21.9 65.8

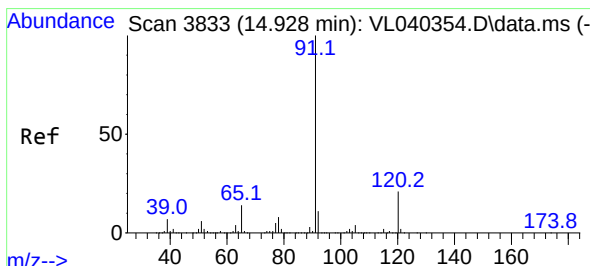
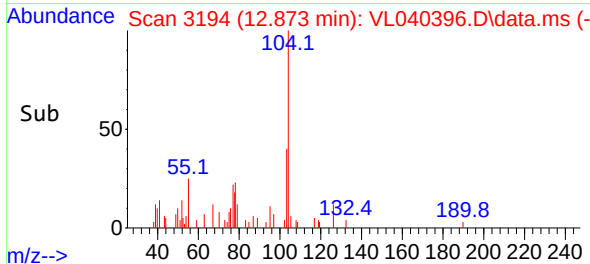
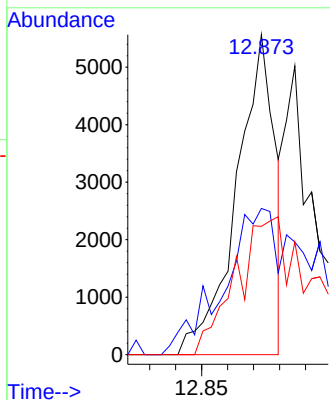
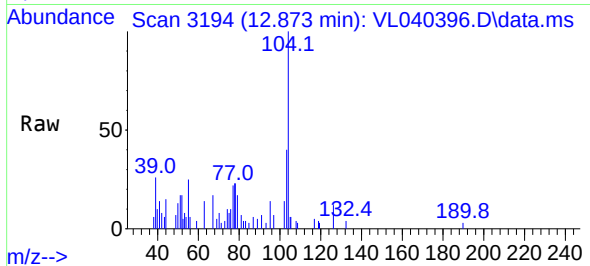




#61
Styrene
Concen: 0.040 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

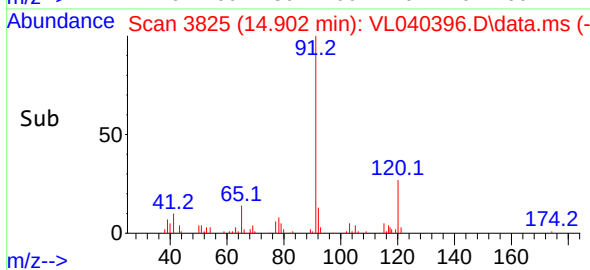
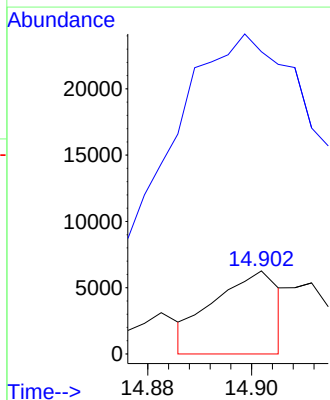
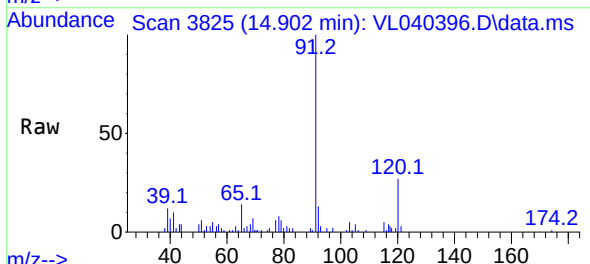
Instrument :
MSVOA_L
ClientSampleId :

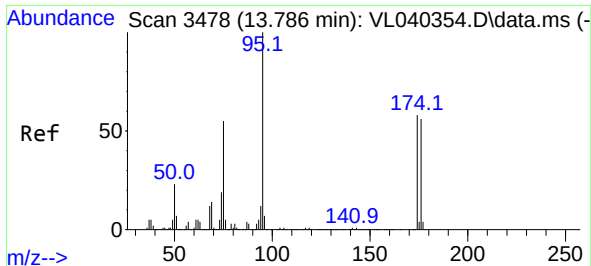
Tgt Ion:104 Resp: 5691
Ion Ratio Lower Upper
104 100
78 133.4 43.4 65.0#
103 0.0 37.0 55.4#



#64
n-propylbenzene
Concen: 0.054 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion:120 Resp: 5464
Ion Ratio Lower Upper
120 100
91 1115.8 397.4 596.0#

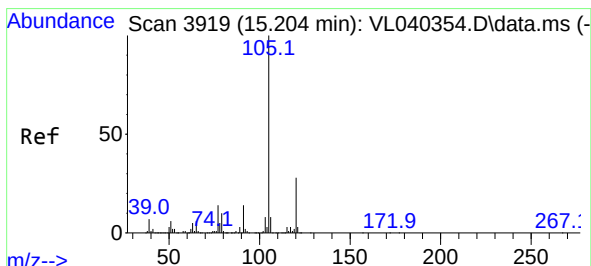
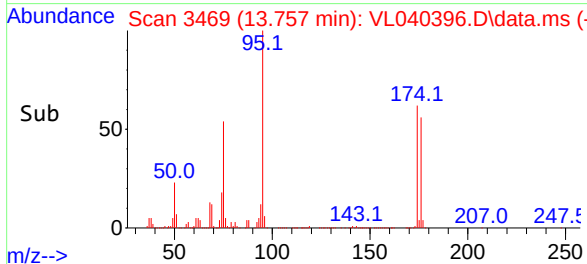
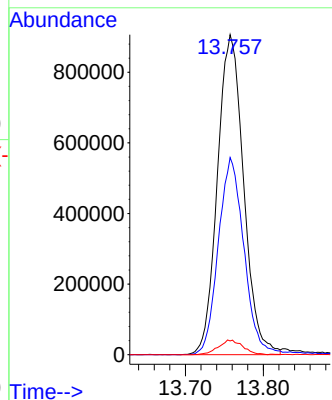
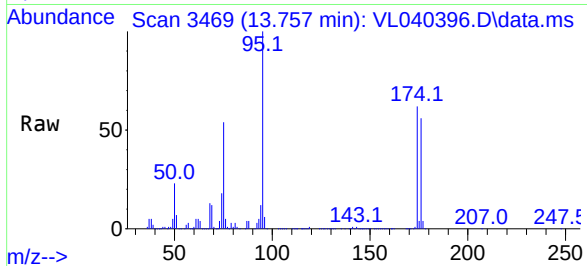




#68
1-Bromo-4-Fluorobenzene
Concen: 9.725 ppbv
RT: 13.757 min Scan# 3478
Delta R.T. -0.029 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

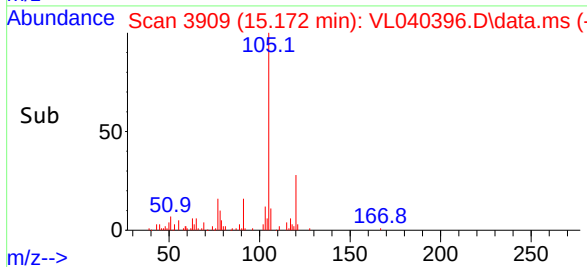
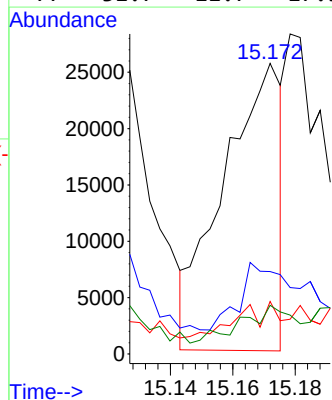
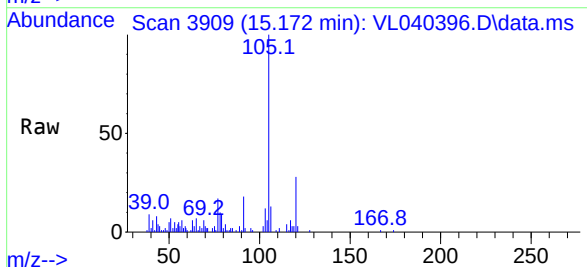
Instrument :
MSVOA_1
ClientSampleId :

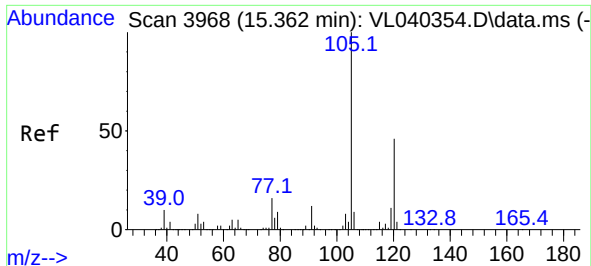
Tgt Ion: 95 Resp: 2120741
Ion Ratio Lower Upper
95 100
174 60.8 47.2 70.8
175 4.3 3.5 5.3



#72
4-Ethyltoluene
Concen: 0.105 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.032 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Tgt Ion: 105 Resp: 33073
Ion Ratio Lower Upper
105 100
120 49.7 23.0 34.6#
91 33.8 11.3 16.9#
77 31.7 11.7 17.5#

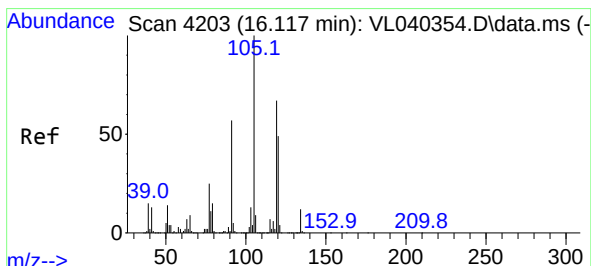
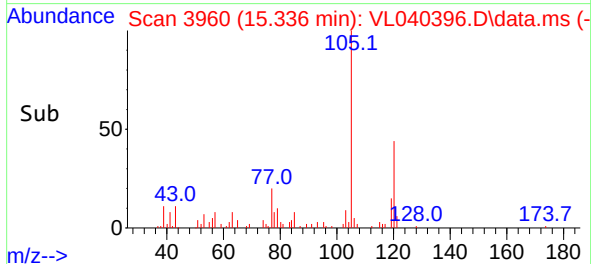
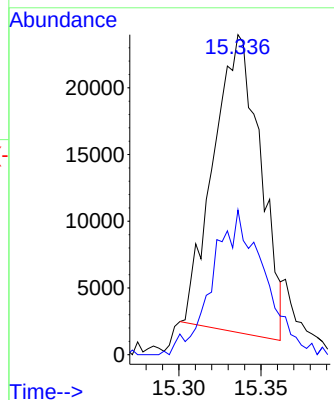
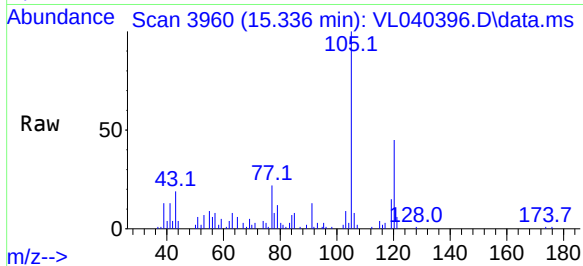




#73
1,3,5-Trimethylbenzene
Concen: 0.151 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

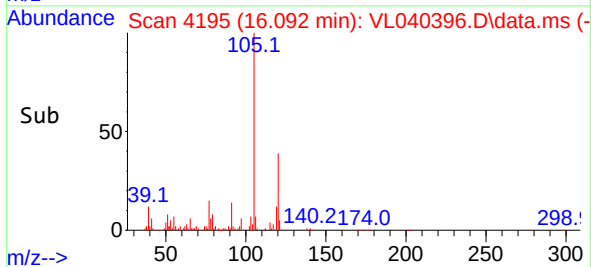
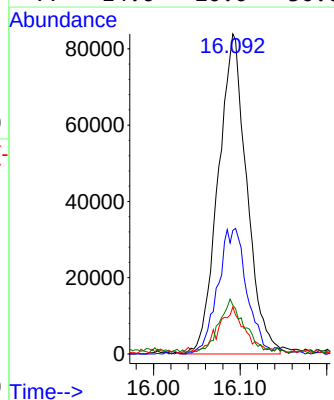
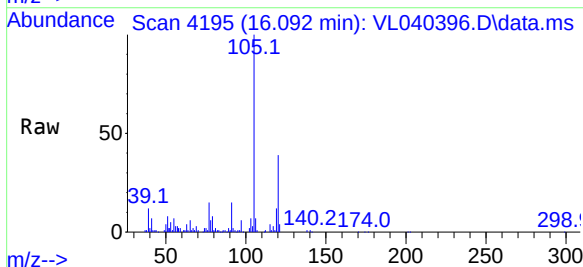
Instrument :
MSVOA_L
ClientSampleId :

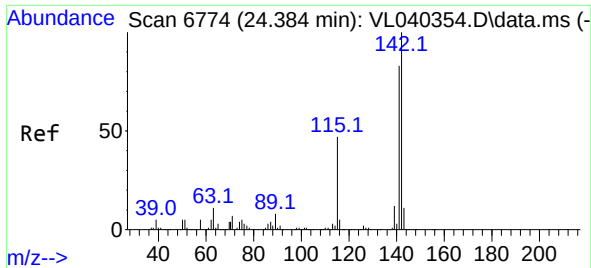
Tgt Ion:105 Resp: 44046
Ion Ratio Lower Upper
105 100
120 43.2 36.9 55.3



#74
1,2,4-Trimethylbenzene
Concen: 0.576 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.025 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

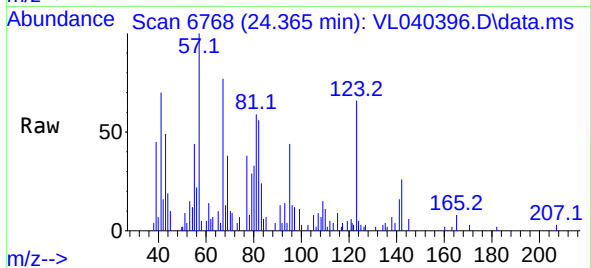
Tgt Ion:105 Resp: 192254
Ion Ratio Lower Upper
105 100
120 38.3 38.9 58.3#
91 14.4 46.0 69.0#
77 14.6 20.0 30.0#





#80
Naphthalene, 2-methyl-
Concen: 0.098 ppbv
RT: 24.365 min Scan# 61
Delta R.T. -0.019 min
Lab File: VL040396.D
Acq: 20 Apr 2023 8:33

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:142 Resp: 6551
Ion Ratio Lower Upper
142 100
141 99.5 65.1 97.7#
115 67.7 36.5 54.7#

