

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040517.D
 Acq On : 10 Jul 2023 21:54
 Operator : SY/MD
 Sample : 03535-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Jul 11 02:10:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

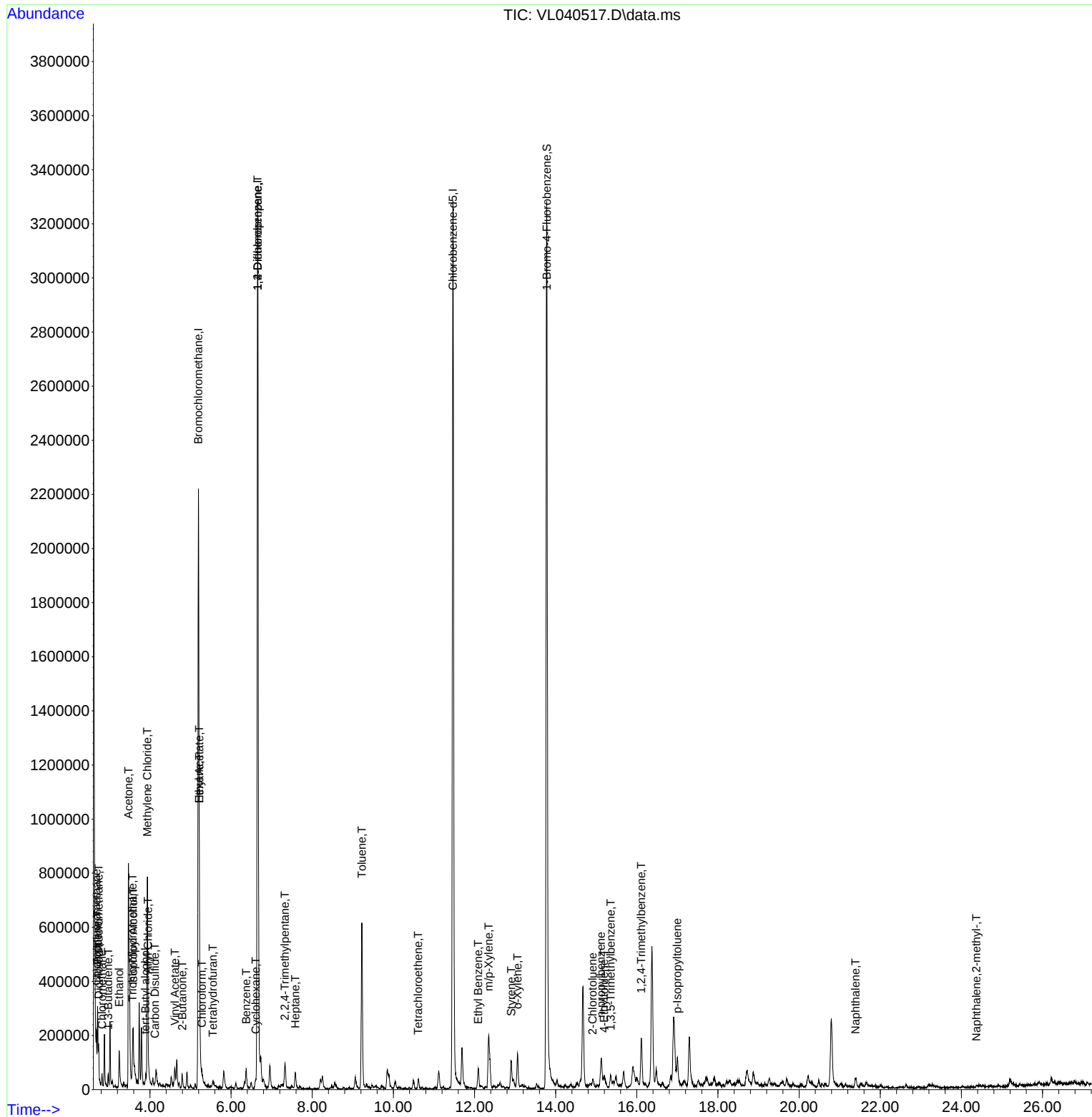
Internal Standards						
1) Bromochloromethane	5.195	49	979196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2442662	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2072010	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1603352	9.777	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	83032	0.424	ppbv	97
3) Chlorodifluoromethane	2.681	51	130171	0.839	ppbv	99
4) Chloromethane	2.819	50	35370	0.575	ppbv #	79
9) Propene	2.713	41	58636	1.104	ppbv #	75
10) Heptane	7.584	43	8954	0.076	ppbv #	1
11) Trichlorofluoromethane	3.571	101	45723	0.289	ppbv #	76
13) Ethanol	3.243	45	140902	12.188	ppbv	100
15) Acetone	3.472	43	901785	8.001	ppbv	94
16) 1,3-Butadiene	2.970	39	13354	0.235	ppbv #	34
17) tert-Butyl alcohol	3.886	59	7755	0.067	ppbv #	71
19) Isopropyl Alcohol	3.587	45	209688	3.241	ppbv #	90
20) Methylene Chloride	3.935	84	255438	5.328	ppbv	98
21) Allyl Chloride	3.954	41	2018	0.031	ppbv #	1
23) Vinyl Acetate	4.620	43	21813	0.203	ppbv #	28
25) Ethyl Acetate	5.218	43	118932	0.554	ppbv #	78
26) Hexane	5.218	57	169112	1.696	ppbv #	42
27) Carbon Disulfide	4.128	76	6419	0.055	ppbv #	1
29) Chloroform	5.282	83	11901	0.072	ppbv #	75
30) Cyclohexane	6.610	84	3780	0.046	ppbv #	1
34) 2-Butanone	4.796	43	52069	0.431	ppbv	95
36) Benzene	6.375	78	54183	0.276	ppbv	97
39) 1,2-Dichloropropane	6.655	63	617348	8.159	ppbv #	26
41) Tetrahydrofuran	5.549	42	3225	0.046	ppbv #	28
44) 2,2,4-Trimethylpentane	7.324	57	34908	0.110	ppbv #	43
52) Tetrachloroethene	10.613	164	3548	0.056	ppbv #	82
53) Toluene	9.224	91	434747	2.036	ppbv	99
58) Ethyl Benzene	12.089	91	32439	0.125	ppbv #	87
59) m/p-Xylene	12.349	91	197196	0.850	ppbv	96
60) o-Xylene	13.060	91	89128	0.403	ppbv	99
61) Styrene	12.905	104	56714	0.556	ppbv	96
64) n-propylbenzene	15.114	120	3834	0.045	ppbv	89
69) p-Isopropyltoluene	16.995	119	33547	0.094	ppbv #	47
71) 2-Chlorotoluene	14.912	91	12010	0.047	ppbv #	50
72) 4-Ethyltoluene	15.195	105	8941	0.034	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.355	105	28614	0.125	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	128175	0.481	ppbv #	64
79) Naphthalene	21.387	128	17010	0.075	ppbv	96
80) Naphthalene,2-methyl-	24.368	142	4717	0.051	ppbv #	81

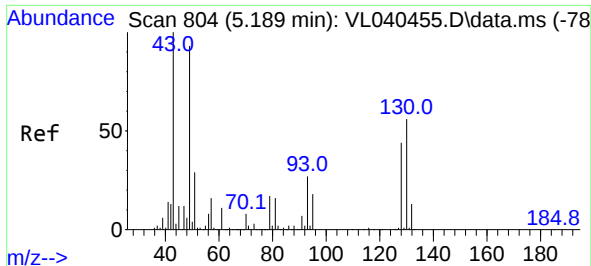
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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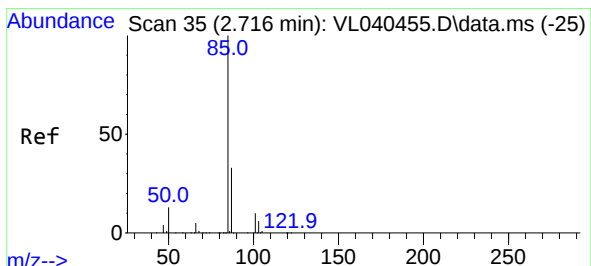
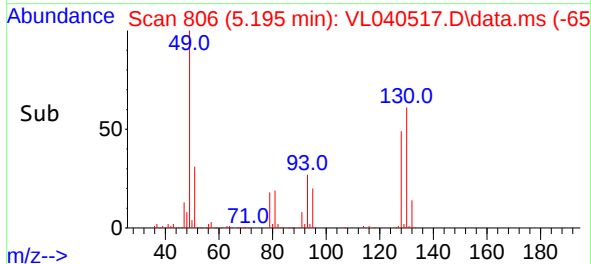
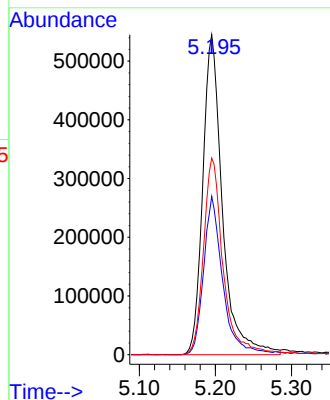
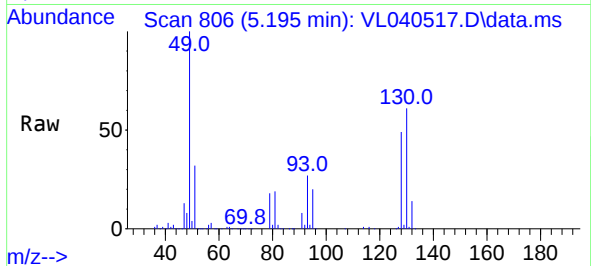




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

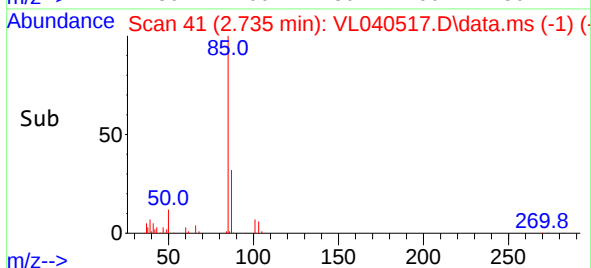
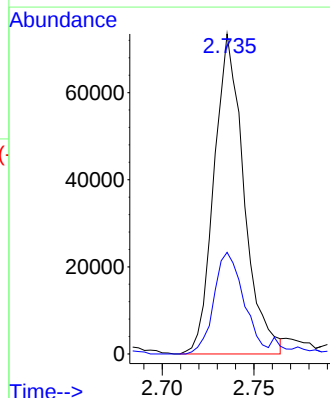
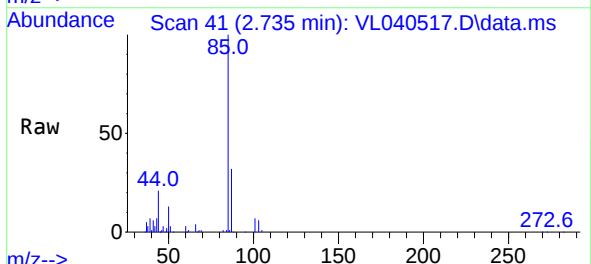
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

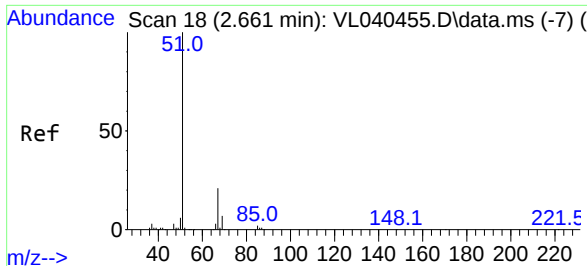
Tgt Ion: 49 Resp: 979196
Ion Ratio Lower Upper
49 100
128 48.9 25.1 75.4
130 62.5 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.424 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 85 Resp: 83032
Ion Ratio Lower Upper
85 100
87 31.8 26.8 40.2

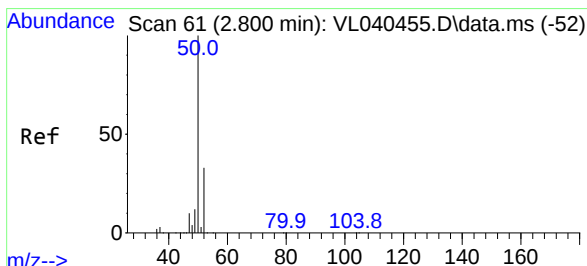
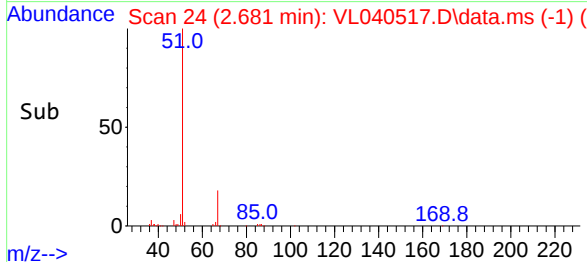
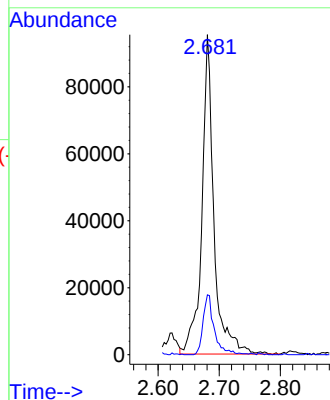
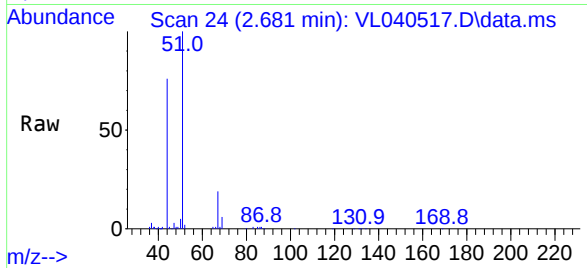




#3
Chlorodifluoromethane
Concen: 0.839 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

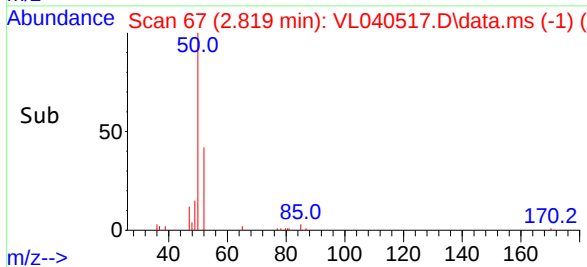
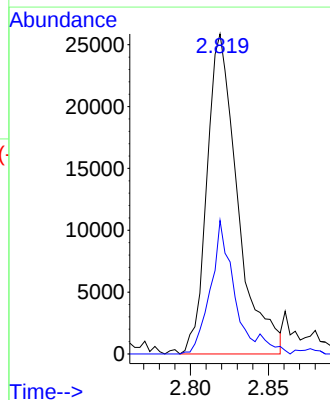
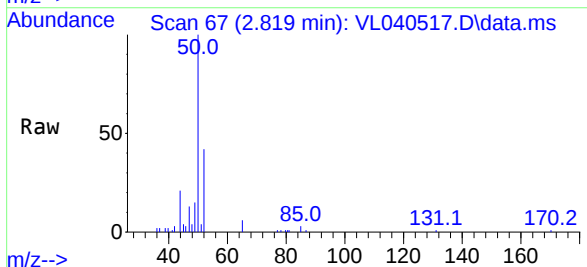
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 51 Resp: 130171
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8

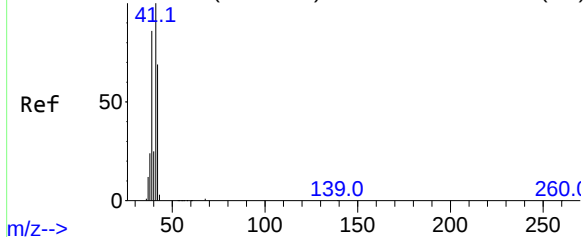


#4
Chloromethane
Concen: 0.575 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 50 Resp: 35370
Ion Ratio Lower Upper
50 100
52 41.7 24.4 36.6#



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 1.104 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.010 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

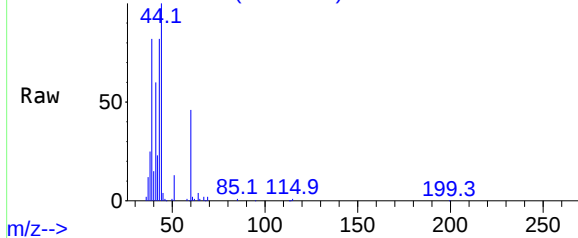
Tgt Ion: 41 Resp: 58636

Ion Ratio Lower Upper

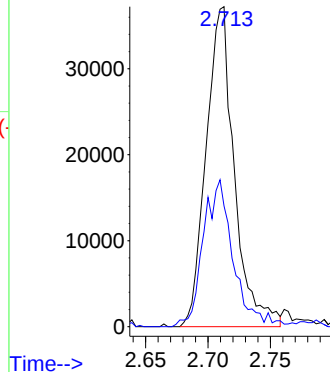
41 100

42 48.6 55.0 82.6#

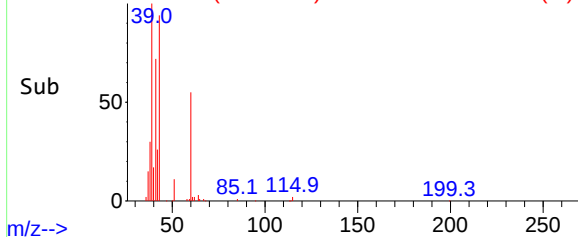
Abundance Scan 34 (2.713 min): VL040517.D\data.ms



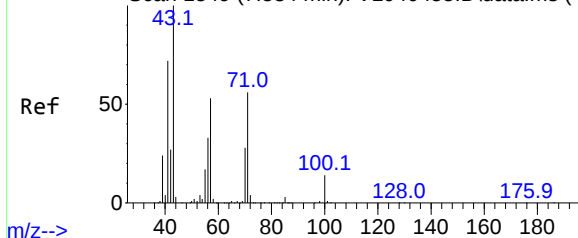
Abundance



Abundance Scan 34 (2.713 min): VL040517.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 0.076 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.006 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

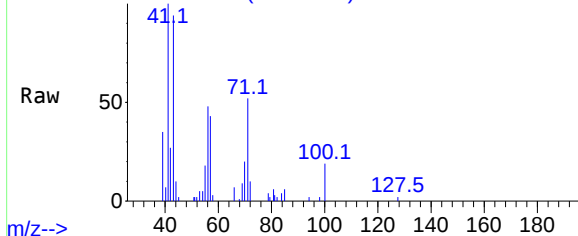
Tgt Ion: 43 Resp: 8954

Ion Ratio Lower Upper

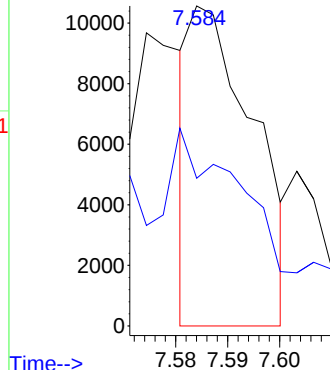
43 100

57 139.7 42.5 63.7#

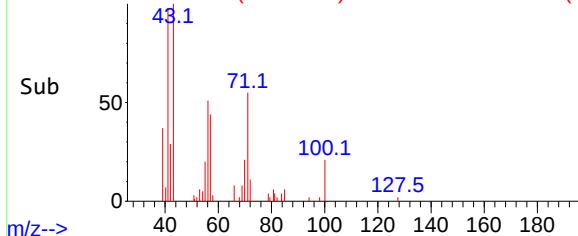
Abundance Scan 1549 (7.584 min): VL040517.D\data.ms

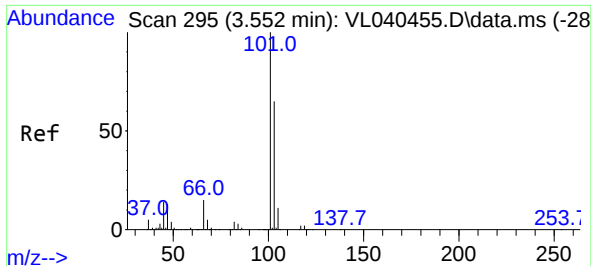


Abundance



Abundance Scan 1549 (7.584 min): VL040517.D\data.ms (-1)

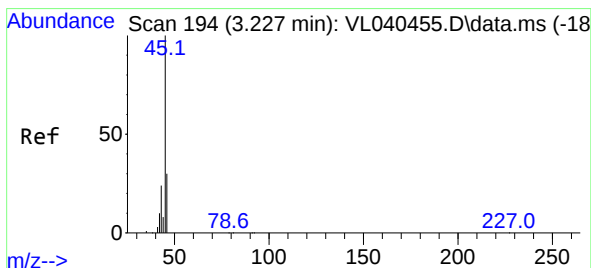
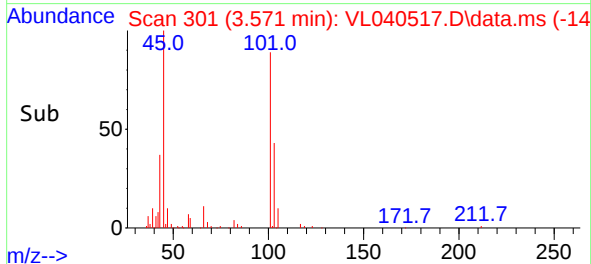
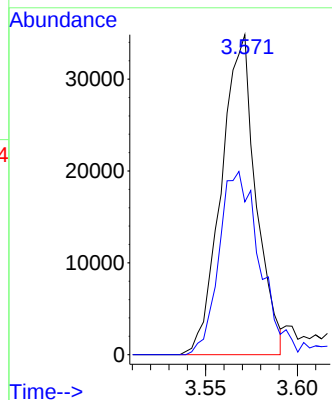
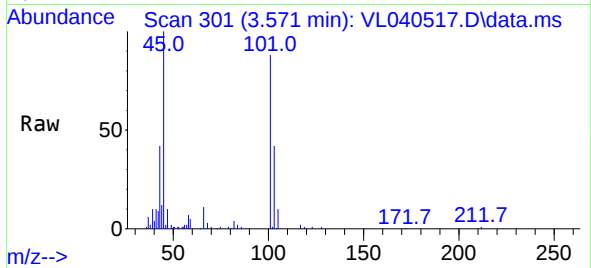




#11
Trichlorofluoromethane
Concen: 0.289 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

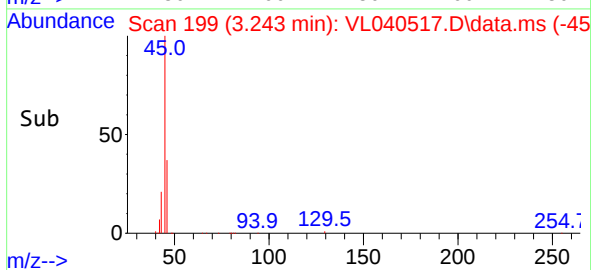
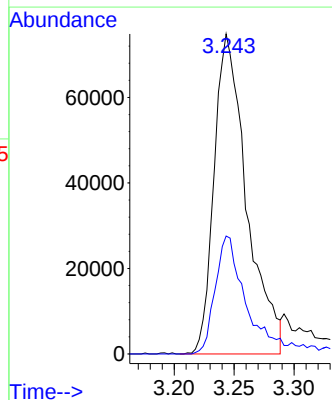
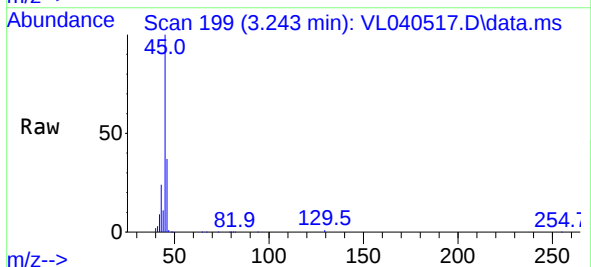
Instrument :
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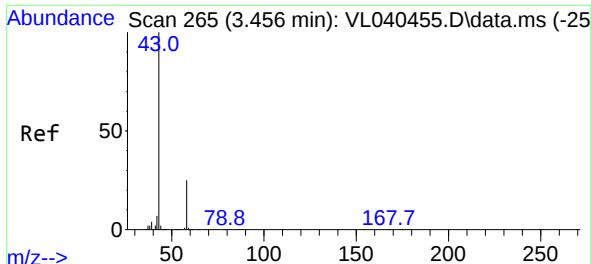
Tgt Ion:101 Resp: 45723
Ion Ratio Lower Upper
101 100
103 47.7 53.4 80.0#



#13
Ethanol
Concen: 12.188 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 45 Resp: 140902
Ion Ratio Lower Upper
45 100
46 38.0 15.3 61.1

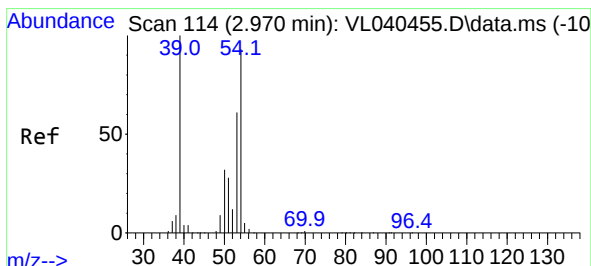
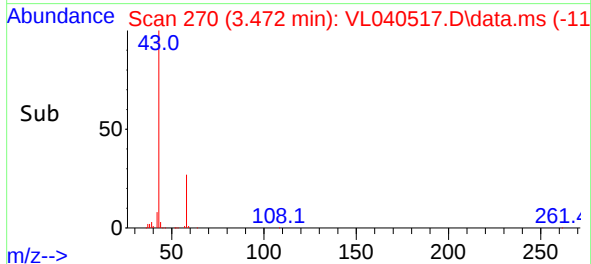
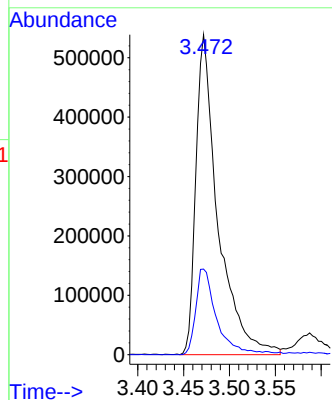
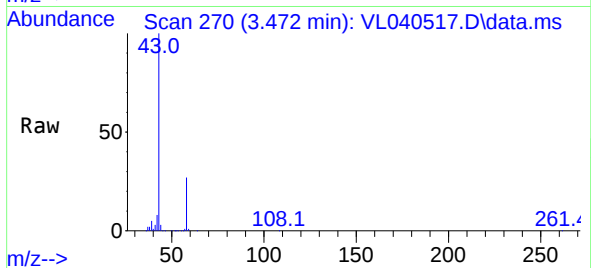




#15
Acetone
Concen: 8.001 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

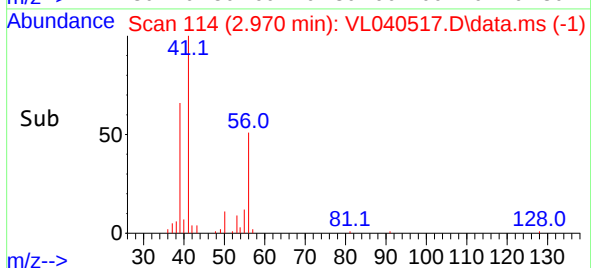
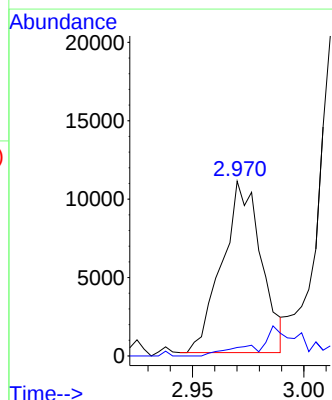
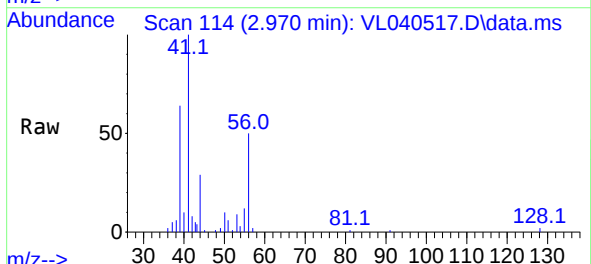
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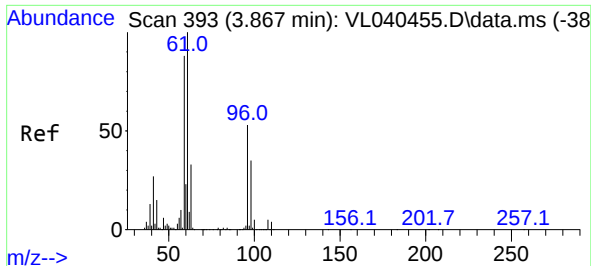
Tgt Ion: 43 Resp: 901785
Ion Ratio Lower Upper
43 100
58 25.5 22.9 34.3



#16
1,3-Butadiene
Concen: 0.235 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 39 Resp: 13354
Ion Ratio Lower Upper
39 100
54 23.4 66.6 100.0#

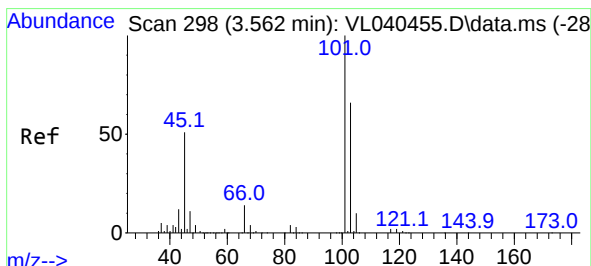
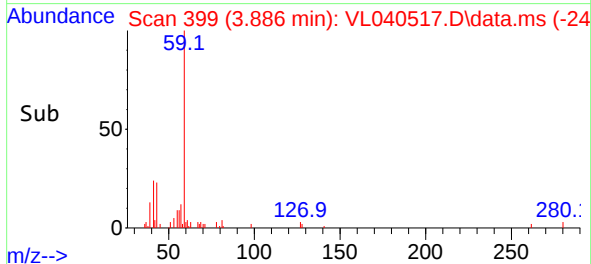
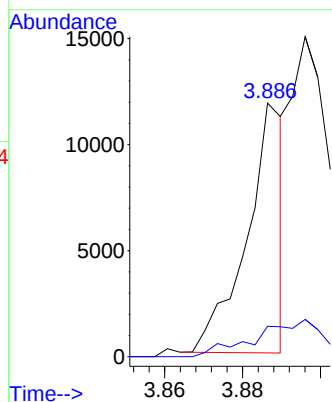
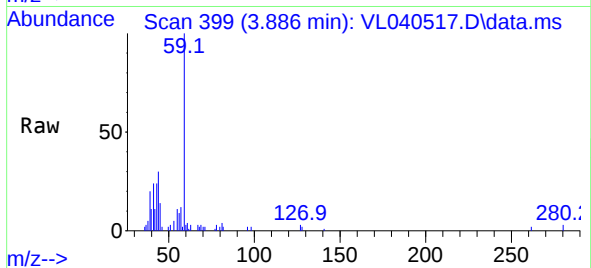




#17
tert-Butyl alcohol
Concen: 0.067 ppbv
RT: 3.886 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

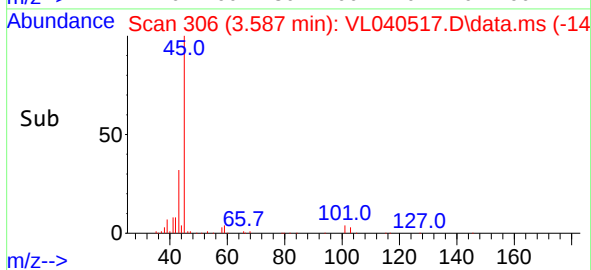
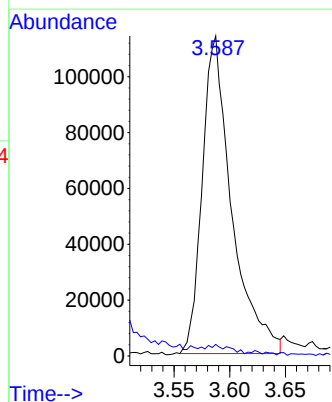
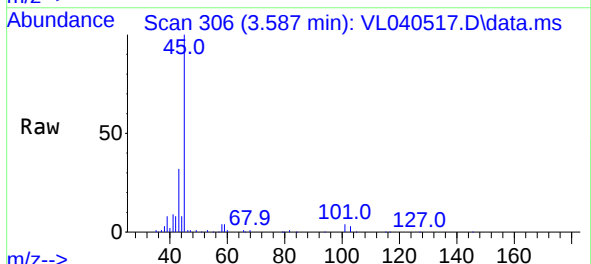
Instrument :
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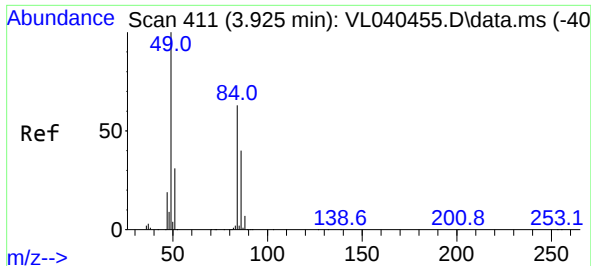
Tgt Ion: 59 Resp: 7755
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#19
Isopropyl Alcohol
Concen: 3.241 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 45 Resp: 209688
Ion Ratio Lower Upper
45 100
58 5.2 1.1 1.7#

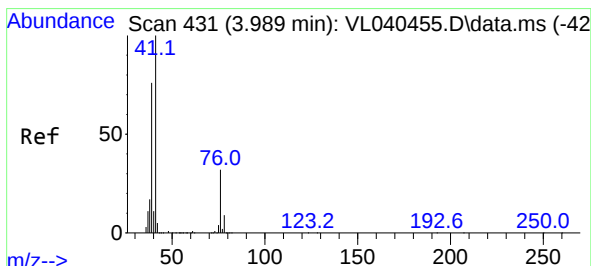
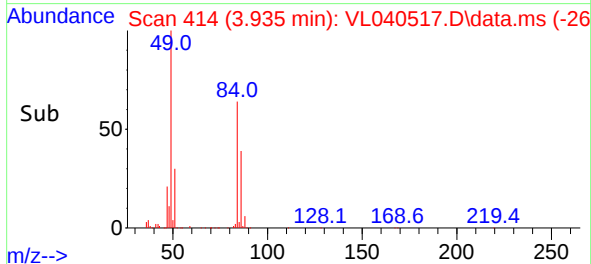
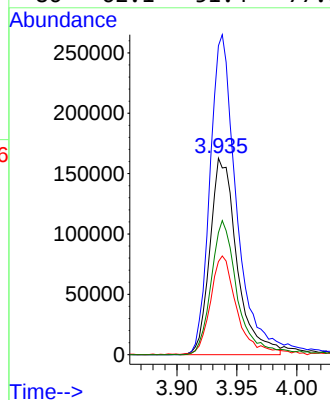
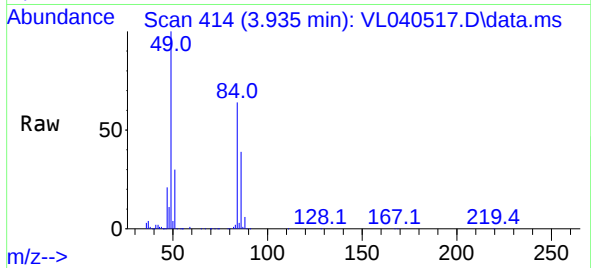




#20
Methylene Chloride
Concen: 5.328 ppbv
RT: 3.935 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

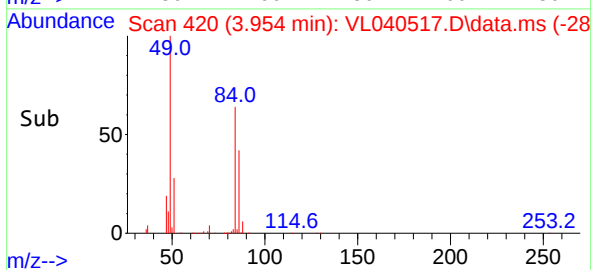
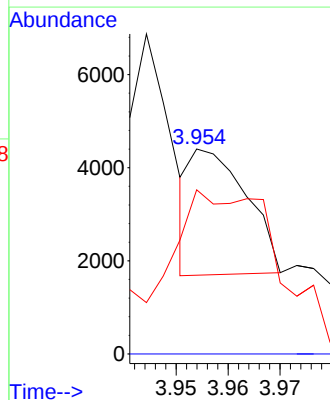
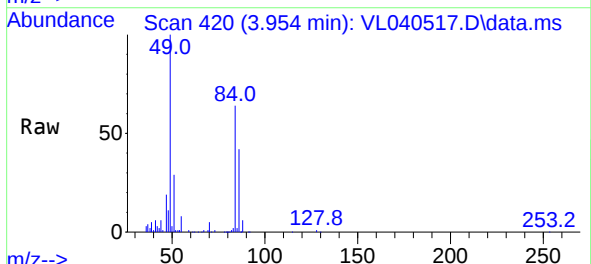
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

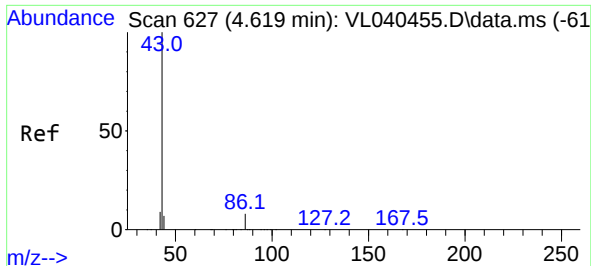
Tgt Ion: 84 Resp: 255438
Ion Ratio Lower Upper
84 100
49 157.0 123.4 185.2
51 47.2 38.3 57.5
86 62.1 51.4 77.0



#21
Allyl Chloride
Concen: 0.031 ppbv
RT: 3.954 min Scan# 420
Delta R.T. -0.051 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 41 Resp: 2018
Ion Ratio Lower Upper
41 100
76 0.0 24.8 37.2#
39 240.2 60.6 91.0#



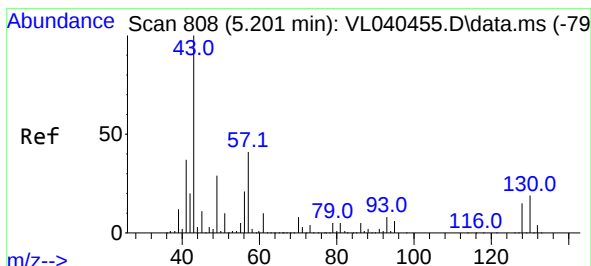
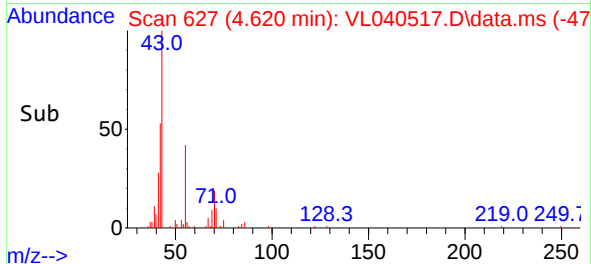
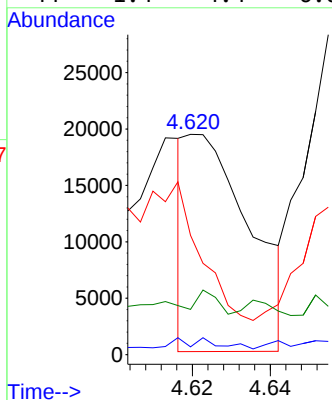
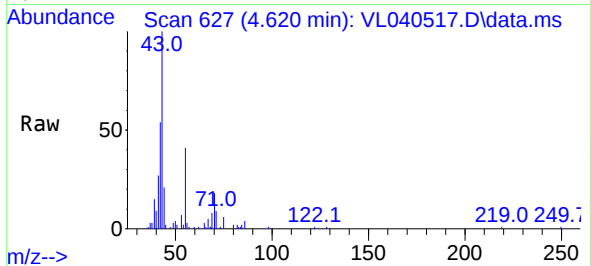


#23
Vinyl Acetate
Concen: 0.203 ppbv
RT: 4.620 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 21813

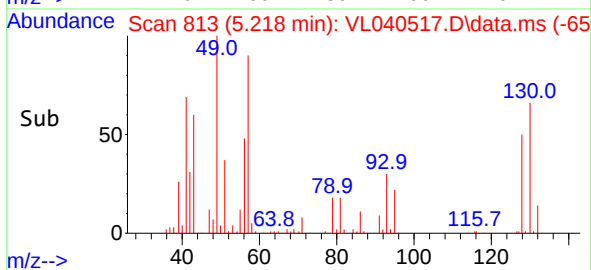
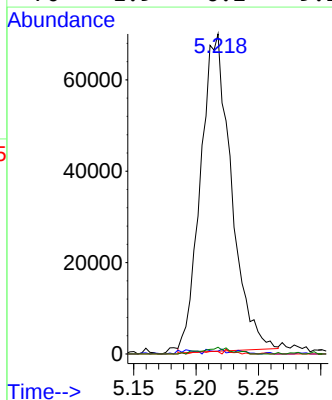
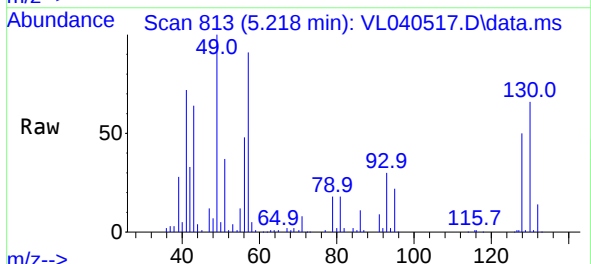
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	62.2	7.4	11.2#
44	1.4	4.4	6.6#

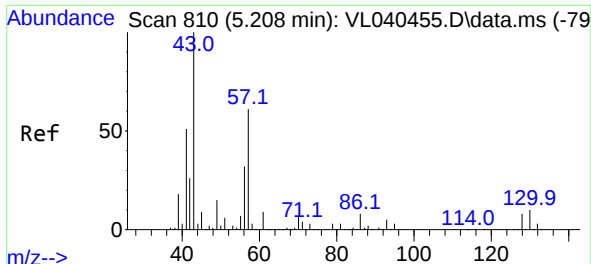


#25
Ethyl Acetate
Concen: 0.554 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 43 Resp: 118932

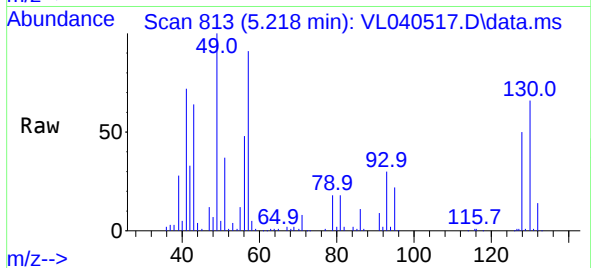
Ion	Ratio	Lower	Upper
43	100		
45	2.1	8.2	12.4#
61	1.0	8.3	12.5#
70	1.9	6.2	9.2#





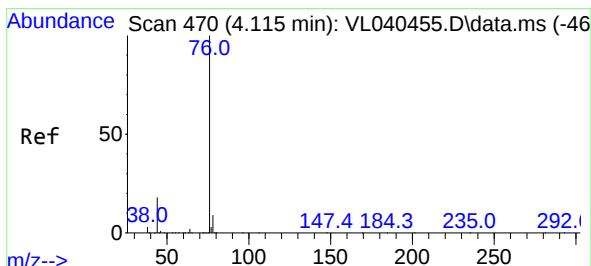
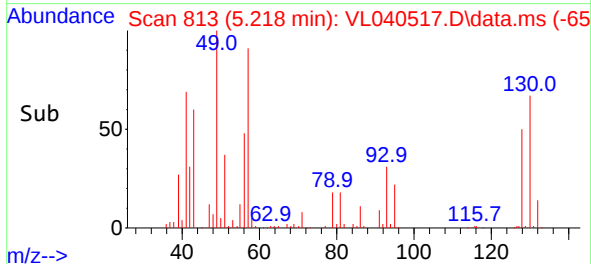
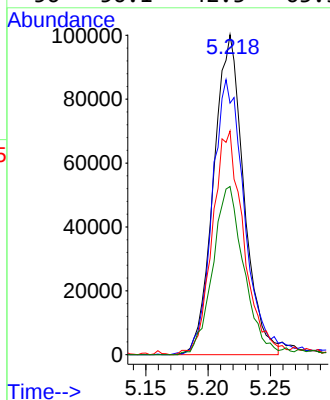
#26
Hexane
Concen: 1.696 ppbv
RT: 5.218 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 169112

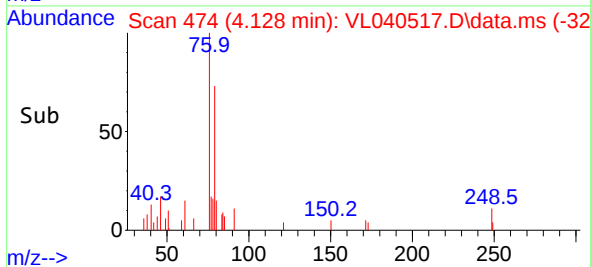
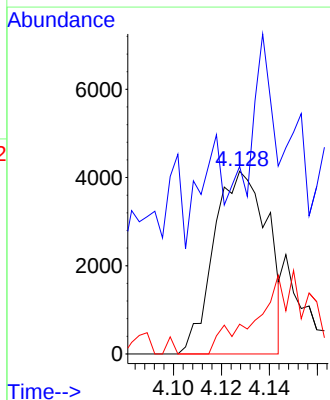
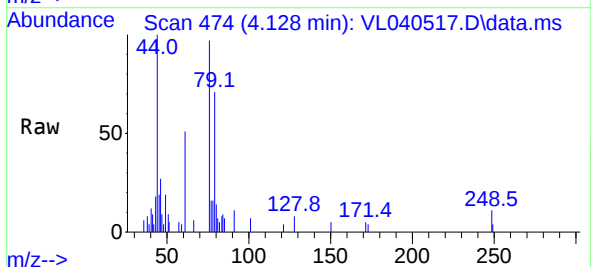
Ion	Ratio	Lower	Upper
57	100		
41	95.0	69.5	104.3
43	76.0	177.1	265.7#
56	56.1	42.3	63.5

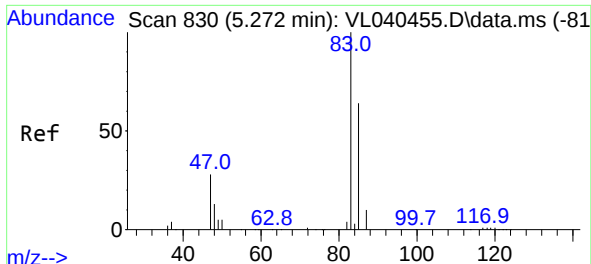


#27
Carbon Disulfide
Concen: 0.055 ppbv
RT: 4.128 min Scan# 474
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 76 Resp: 6419

Ion	Ratio	Lower	Upper
76	100		
44	145.1	15.1	22.7#
78	0.0	7.5	11.3#





#29

Chloroform

Concen: 0.072 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

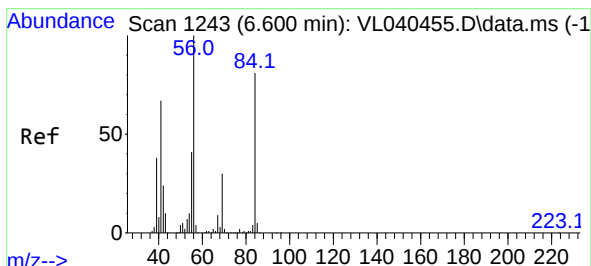
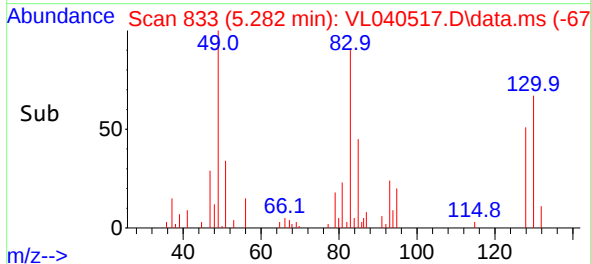
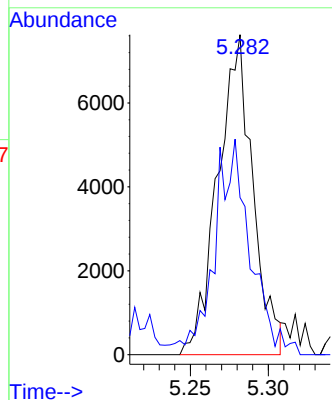
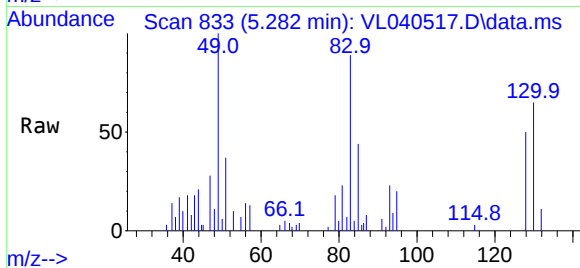
IA1DUP

Tgt Ion: 83 Resp: 11901

Ion Ratio Lower Upper

83 100

85 44.7 51.1 76.7#



#30

Cyclohexane

Concen: 0.046 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

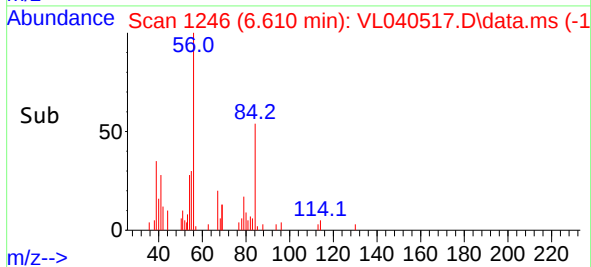
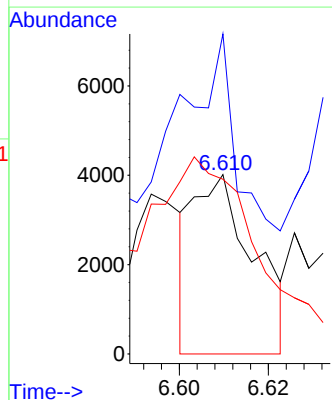
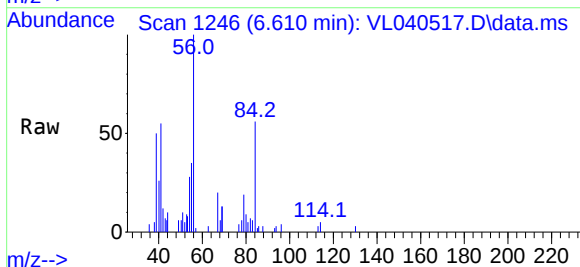
Tgt Ion: 84 Resp: 3780

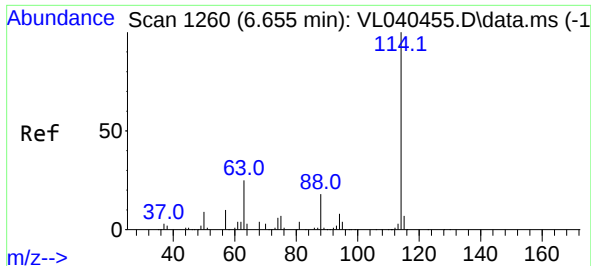
Ion Ratio Lower Upper

84 100

56 306.3 108.7 163.1#

41 291.9 64.5 96.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

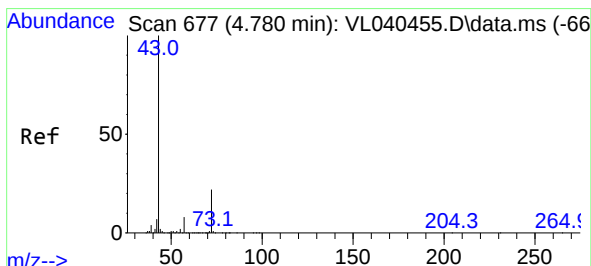
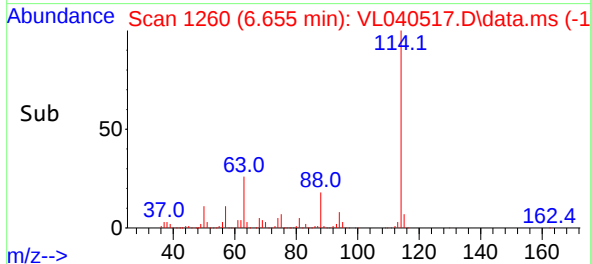
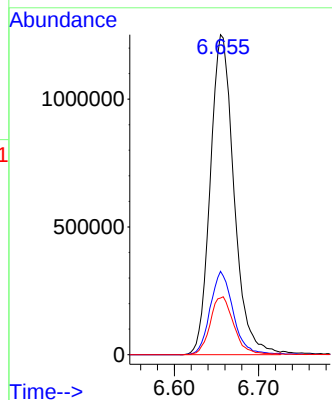
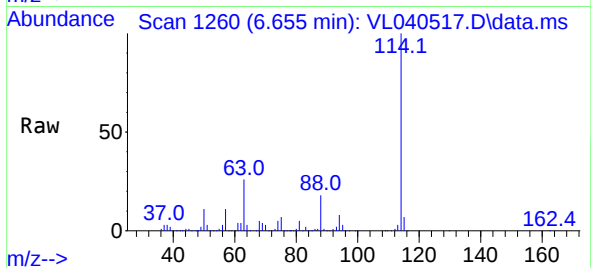
Tgt Ion:114 Resp: 2442662

Ion Ratio Lower Upper

114 100

63 25.7 19.6 29.4

88 18.2 14.2 21.2



#34

2-Butanone

Concen: 0.431 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.003 min

Lab File: VL040517.D

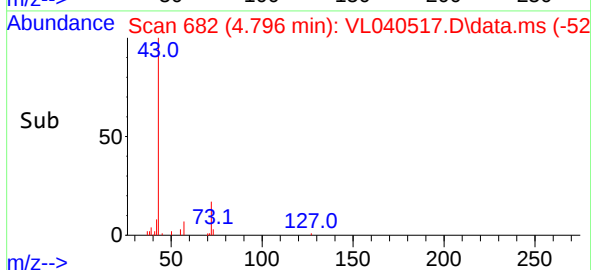
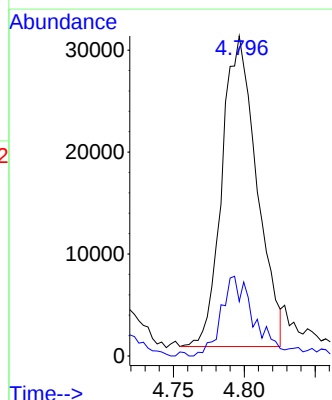
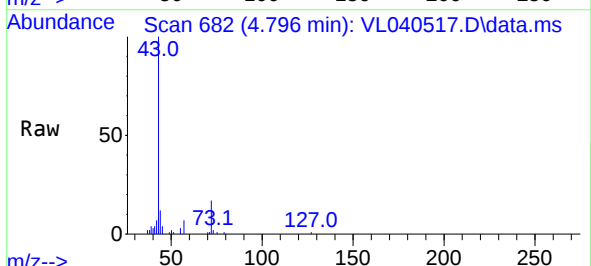
Acq: 10 Jul 2023 21:54

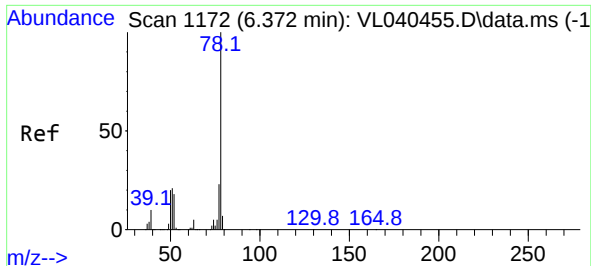
Tgt Ion: 43 Resp: 52069

Ion Ratio Lower Upper

43 100

72 26.3 19.1 28.7

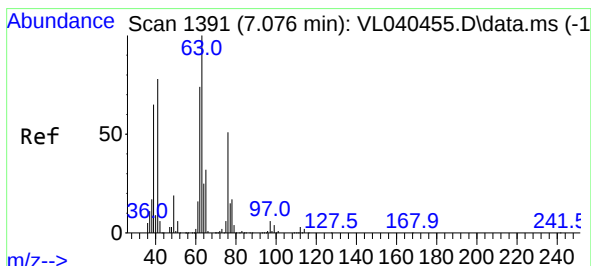
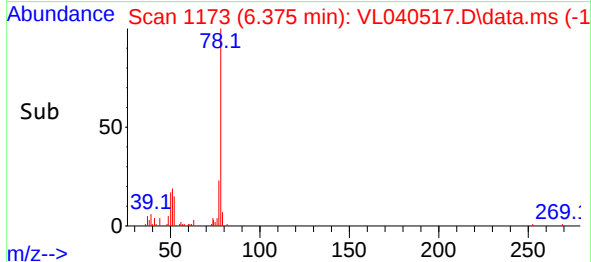
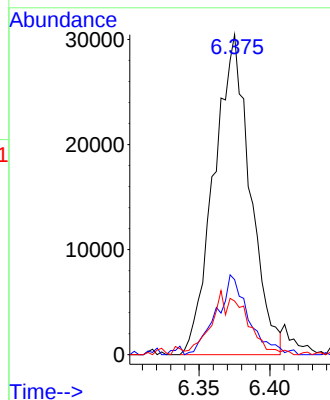
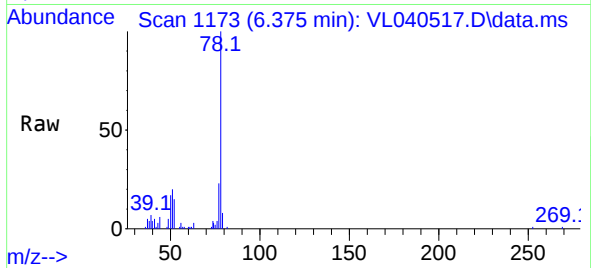




#36
Benzene
Concen: 0.276 ppbv
RT: 6.375 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

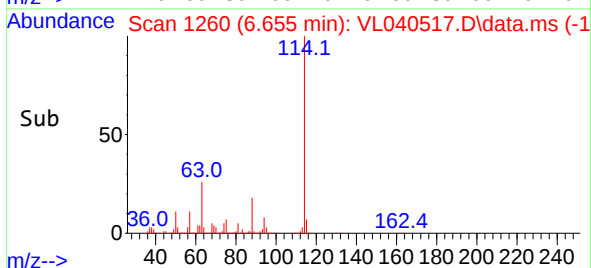
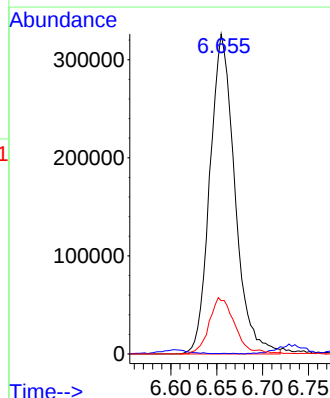
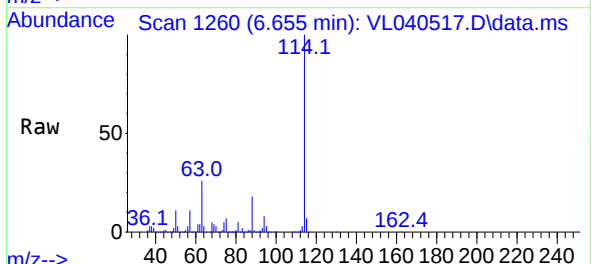
Instrument :
MSVOA_1
ClientSampleId :
IA1DUP

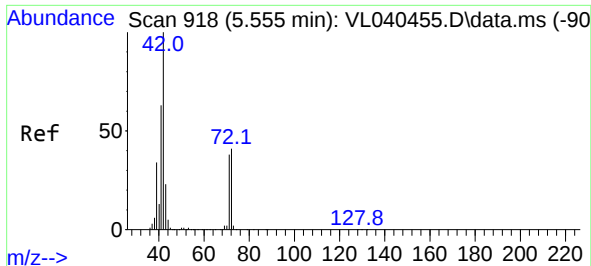
Tgt Ion:	78	Resp:	54183
Ion	Ratio	Lower	Upper
78	100		
77	21.4	17.4	26.0
50	15.9	14.4	21.6



#39
1,2-Dichloropropane
Concen: 8.159 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.428 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion:	63	Resp:	617348
Ion	Ratio	Lower	Upper
63	100		
41	0.0	54.3	81.5#
62	16.6	55.6	83.4#

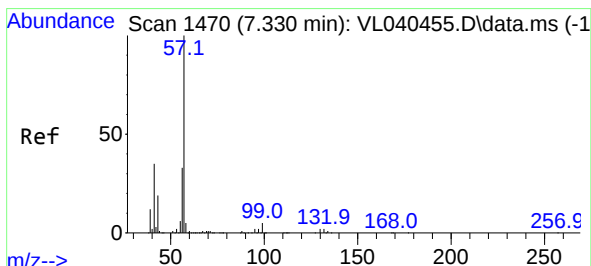
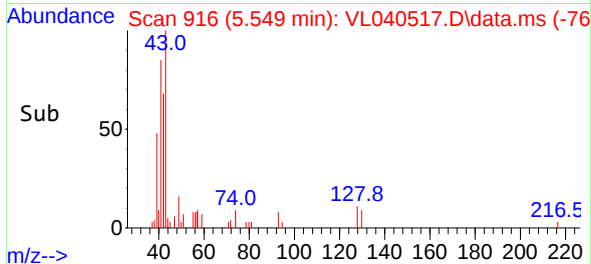
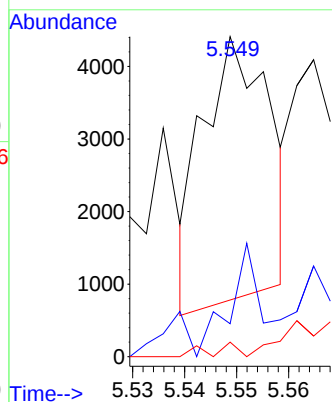
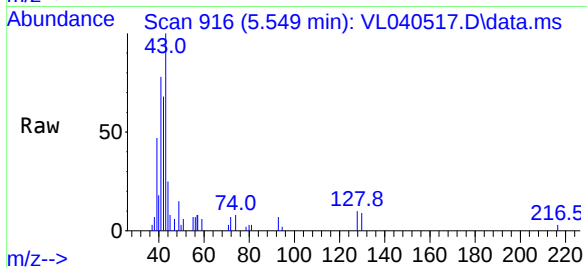




#41
Tetrahydrofuran
Concen: 0.046 ppbv
RT: 5.549 min Scan# 918
Delta R.T. -0.016 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

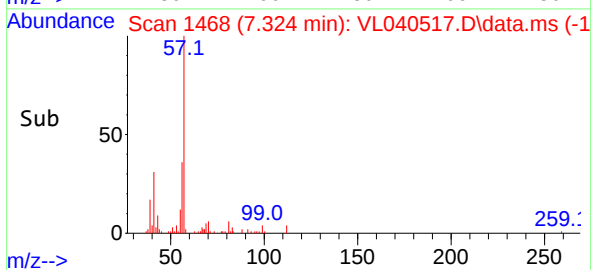
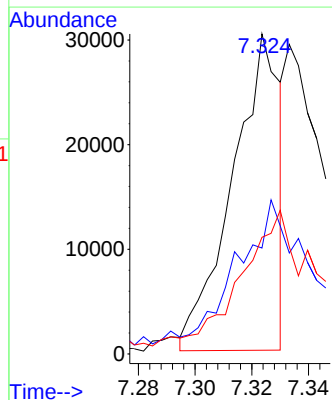
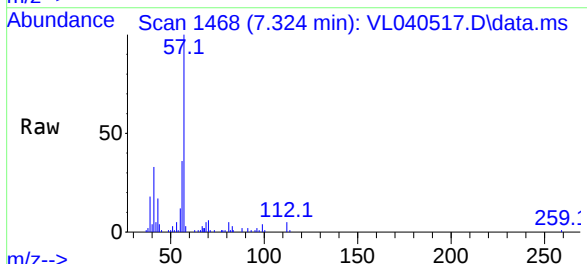
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

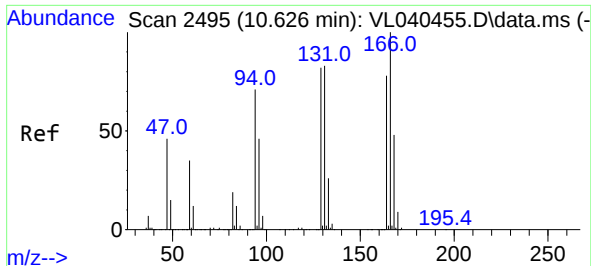
Tgt Ion: 42 Resp: 3225
Ion Ratio Lower Upper
42 100
72 91.3 33.8 50.8#
71 0.0 33.0 49.6#



#44
2,2,4-Trimethylpentane
Concen: 0.110 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

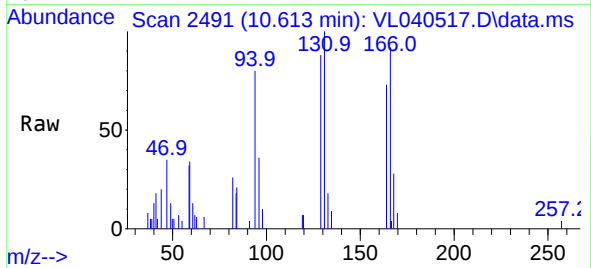
Tgt Ion: 57 Resp: 34908
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 0.0 25.1 37.7#



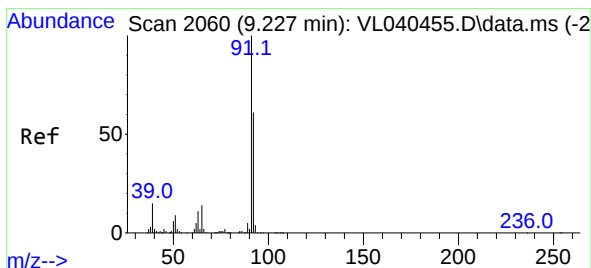
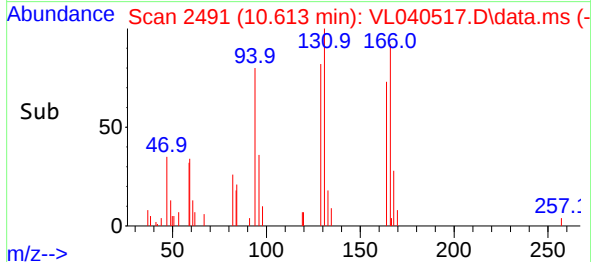
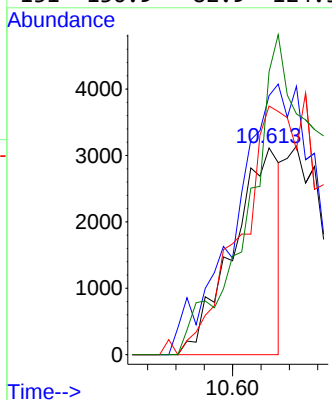


#52
Tetrachloroethene
Concen: 0.056 ppbv
RT: 10.613 min Scan# 2495
Delta R.T. -0.013 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

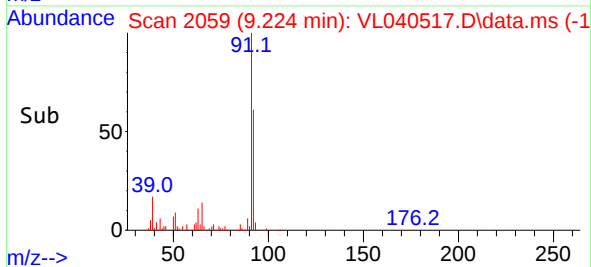
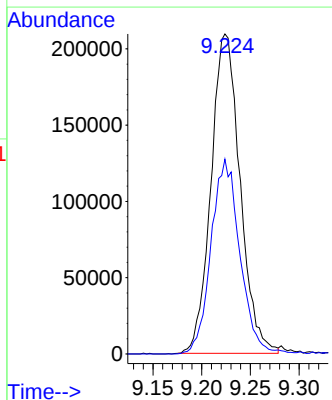
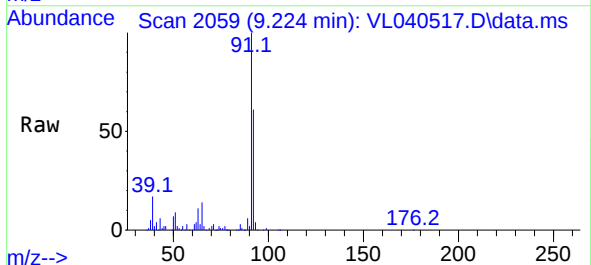


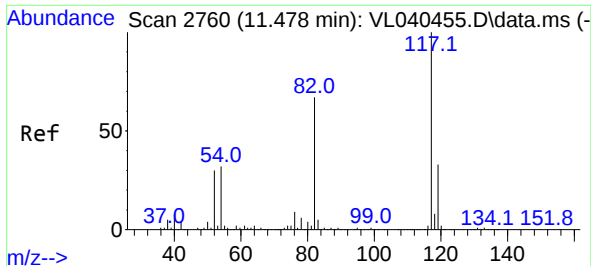
Tgt Ion:164 Resp: 3548
Ion Ratio Lower Upper
164 100
166 118.4 103.9 155.9
129 120.3 84.6 126.8
131 136.9 82.9 124.3#



#53
Toluene
Concen: 2.036 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 91 Resp: 434747
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7

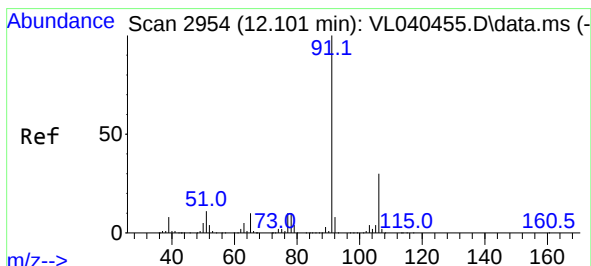
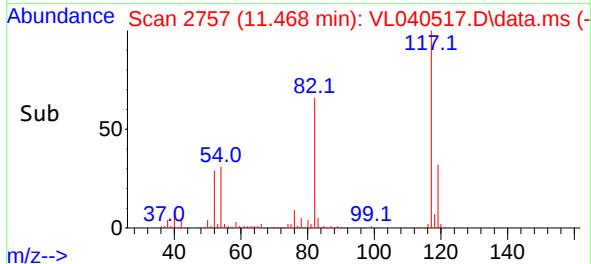
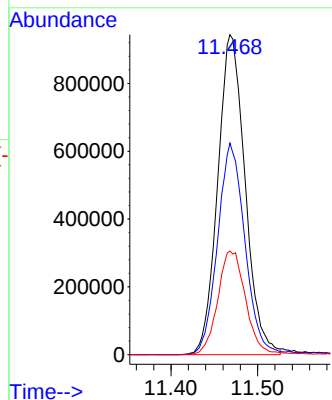
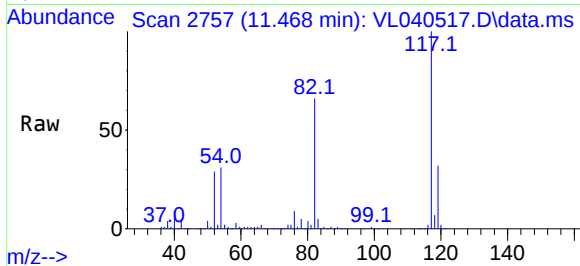




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

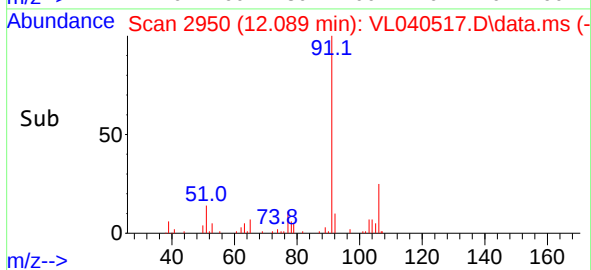
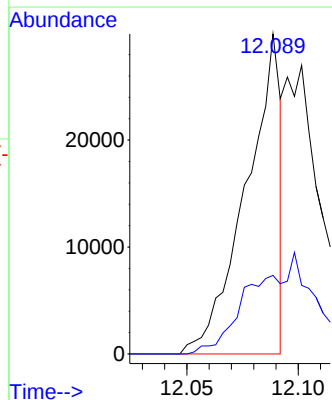
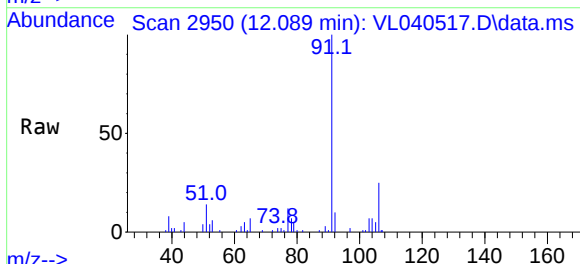
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

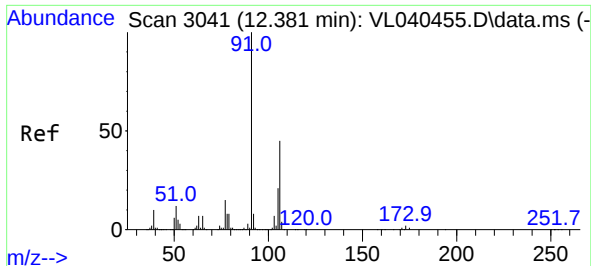
Tgt Ion:117 Resp: 2072010
Ion Ratio Lower Upper
117 100
82 67.4 50.2 75.4
119 33.2 26.9 40.3



#58
Ethyl Benzene
Concen: 0.125 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 91 Resp: 32439
Ion Ratio Lower Upper
91 100
106 24.5 25.4 38.0#





#59

m/p-Xylene

Concen: 0.850 ppbv

RT: 12.349 min Scan# 3041

Delta R.T. -0.035 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

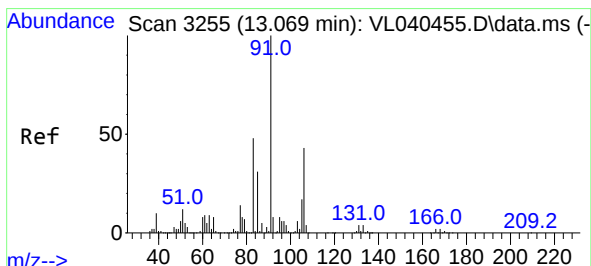
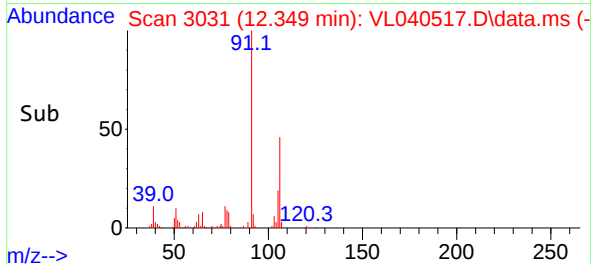
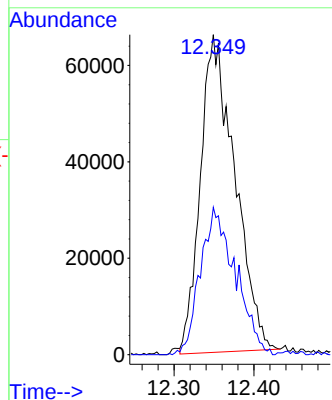
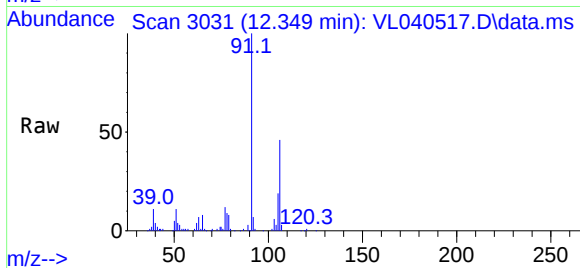
IA1DUP

Tgt Ion: 91 Resp: 197196

Ion Ratio Lower Upper

91 100

106 47.2 35.9 53.9



#60

o-Xylene

Concen: 0.403 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.010 min

Lab File: VL040517.D

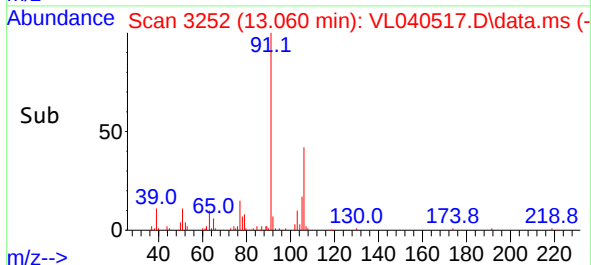
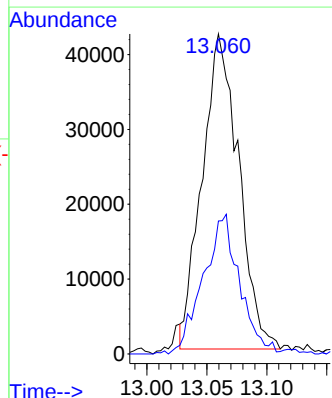
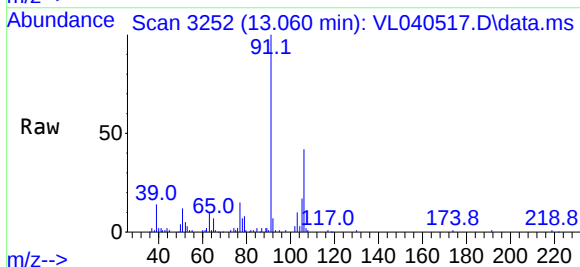
Acq: 10 Jul 2023 21:54

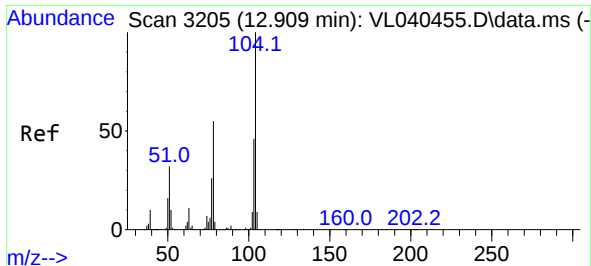
Tgt Ion: 91 Resp: 89128

Ion Ratio Lower Upper

91 100

106 44.9 22.7 68.0

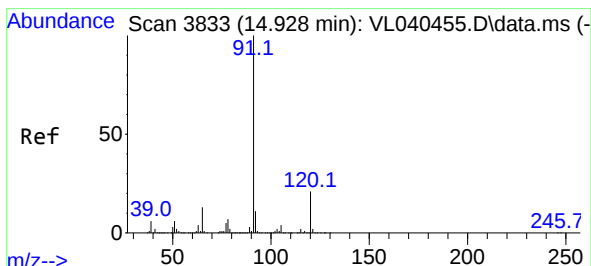
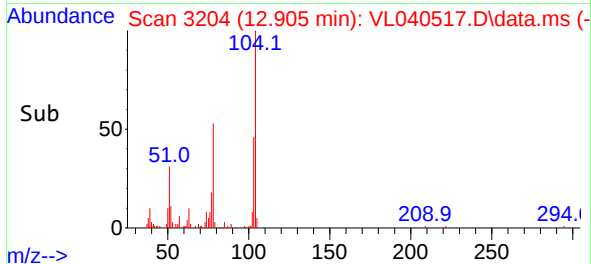
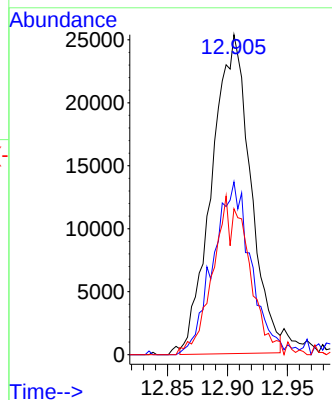
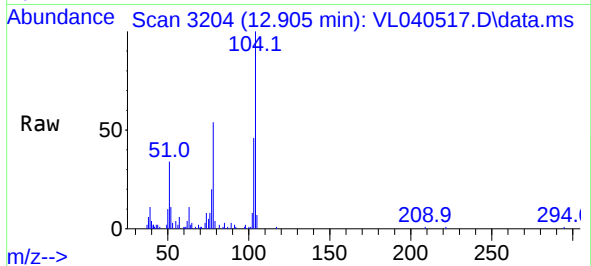




#61
Styrene
Concen: 0.556 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

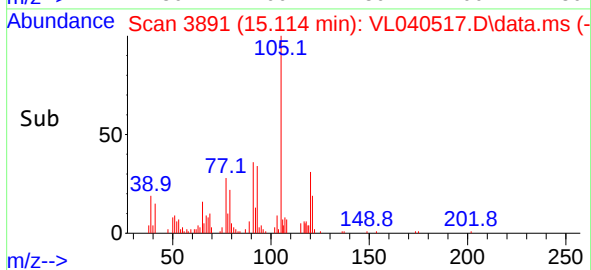
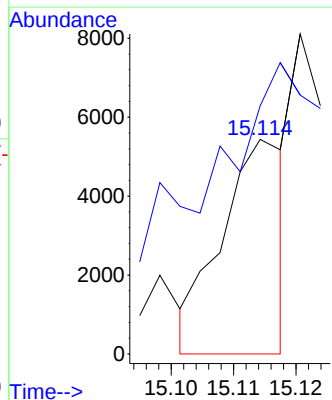
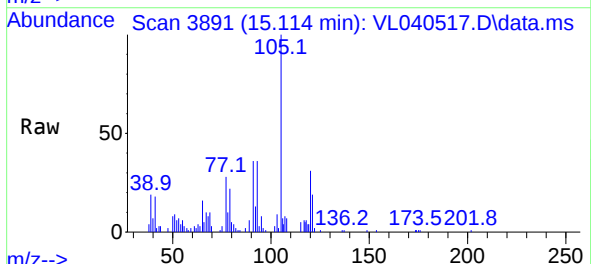
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

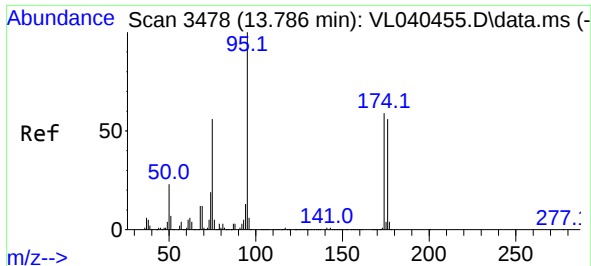
Tgt Ion:104 Resp: 56714
Ion Ratio Lower Upper
104 100
78 54.2 40.1 60.1
103 47.6 37.0 55.4



#64
n-propylbenzene
Concen: 0.045 ppbv
RT: 15.114 min Scan# 3891
Delta R.T. 0.183 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion:120 Resp: 3834
Ion Ratio Lower Upper
120 100
91 437.7 374.3 561.5

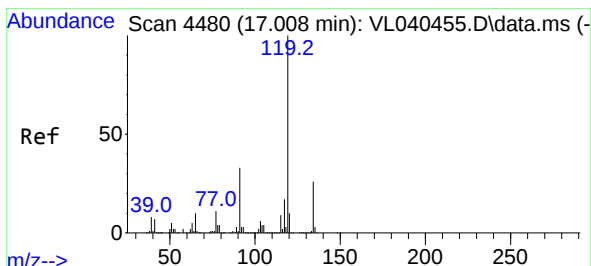
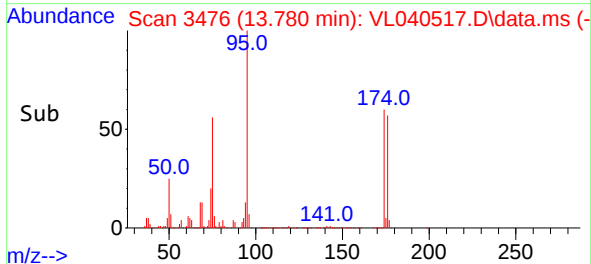
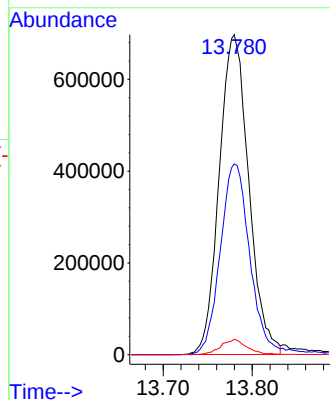
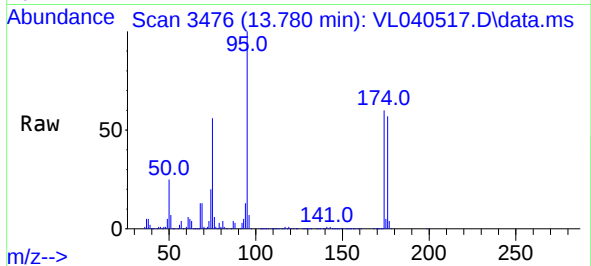




#68
1-Bromo-4-Fluorobenzene
Concen: 9.777 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

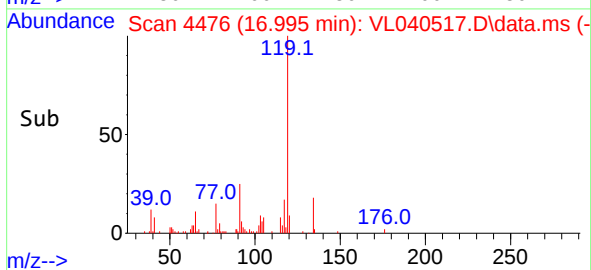
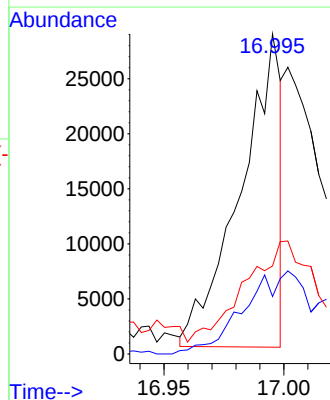
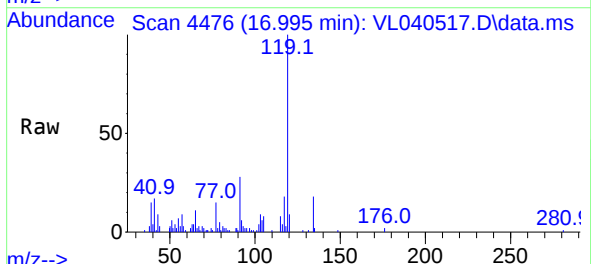
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

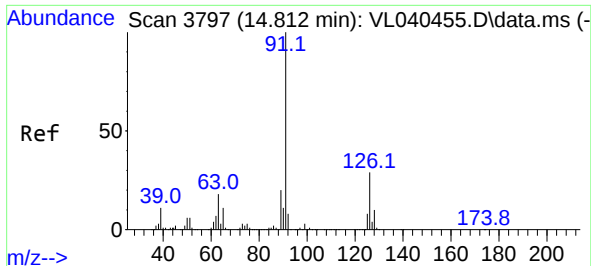
Tgt Ion: 95 Resp: 1603352
Ion Ratio Lower Upper
95 100
174 60.9 50.6 75.8
175 4.3 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.094 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. -0.010 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 119 Resp: 33547
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 0.0 23.8 35.8#

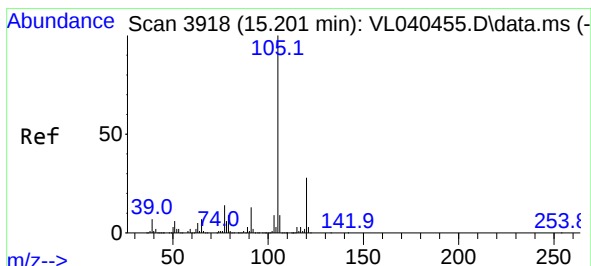
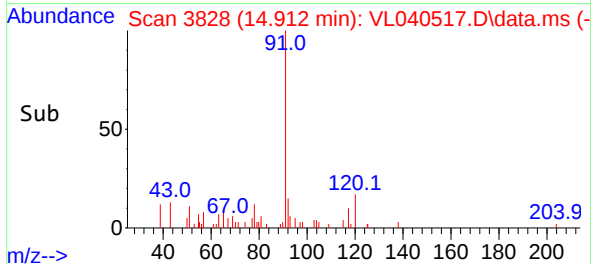
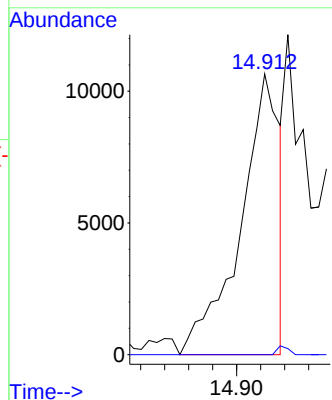
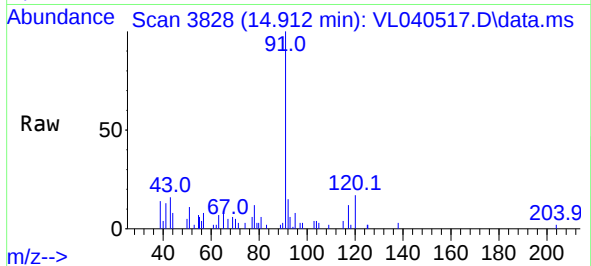




#71
2-Chlorotoluene
Concen: 0.047 ppbv
RT: 14.912 min Scan# 3797
Delta R.T. 0.100 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

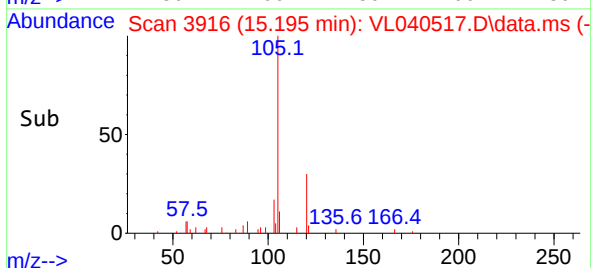
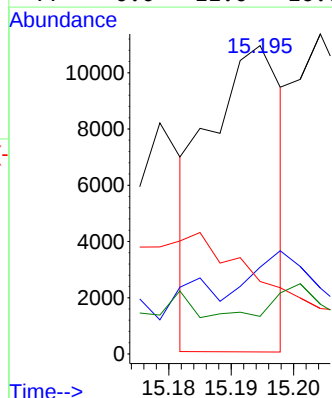
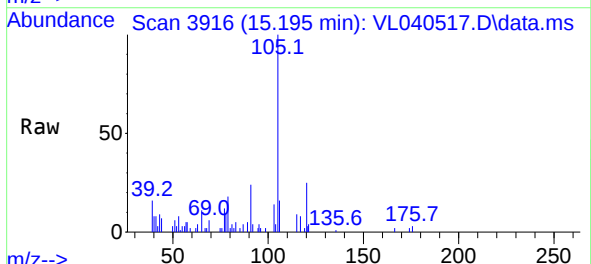
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

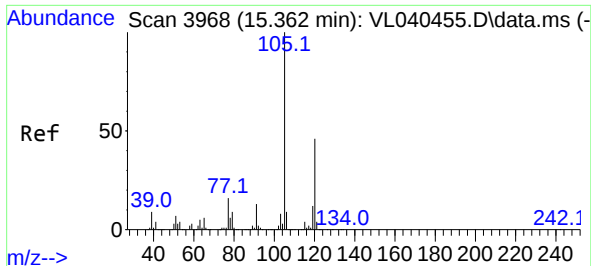
Tgt Ion: 91 Resp: 12010
Ion Ratio Lower Upper
91 100
126 3.8 12.4 49.8#



#72
4-Ethyltoluene
Concen: 0.034 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion: 105 Resp: 8941
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 0.0 10.7 16.1#
77 0.0 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.125 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.006 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Instrument :

MSVOA_L

ClientSampleId :

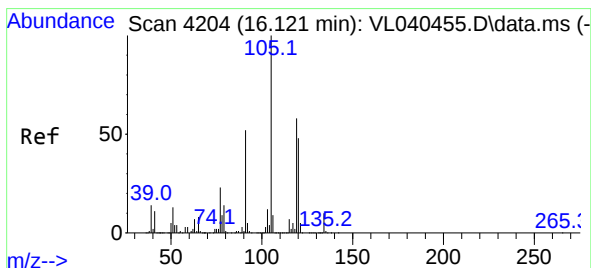
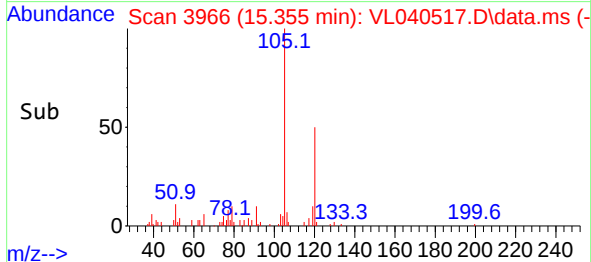
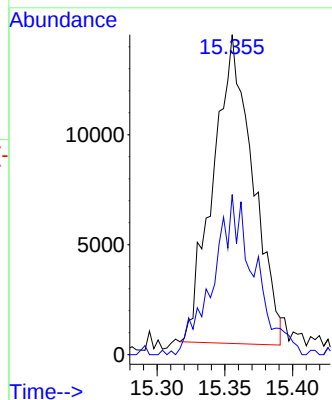
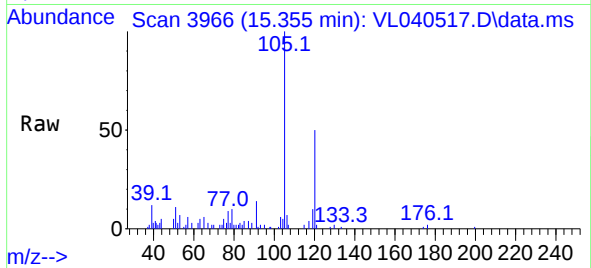
IA1DUP

Tgt Ion:105 Resp: 28614

Ion Ratio Lower Upper

105 100

120 50.2 38.2 57.2



#74

1,2,4-Trimethylbenzene

Concen: 0.481 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.010 min

Lab File: VL040517.D

Acq: 10 Jul 2023 21:54

Tgt Ion:105 Resp: 128175

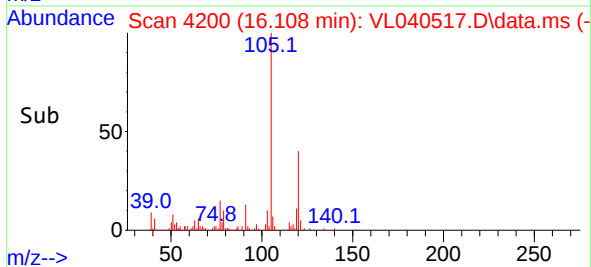
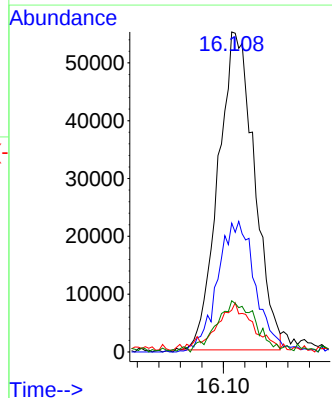
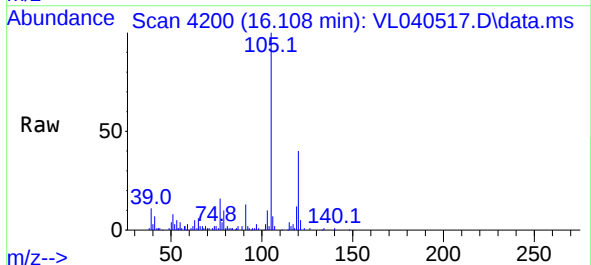
Ion Ratio Lower Upper

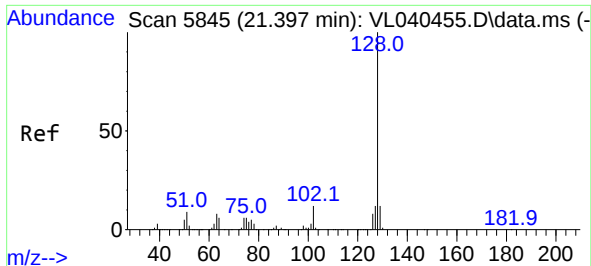
105 100

120 40.2 40.3 60.5#

91 12.1 46.8 70.2#

77 15.2 18.6 28.0#

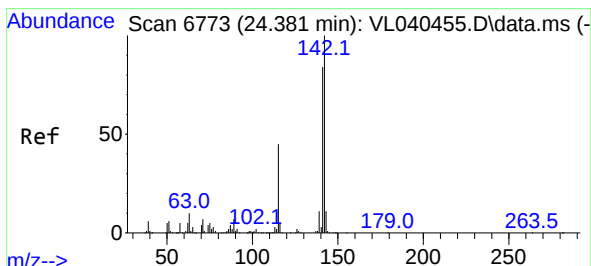
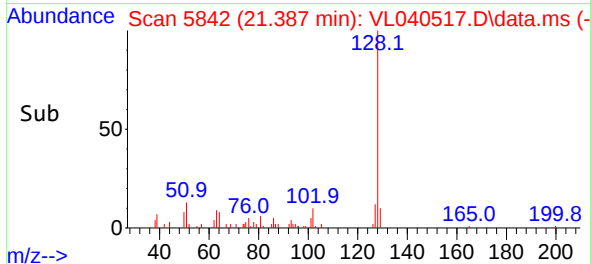
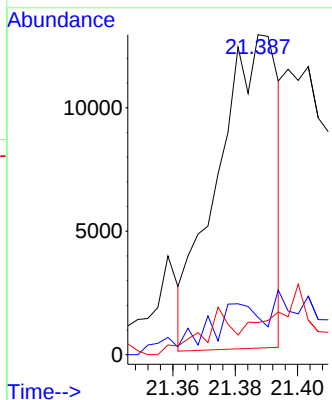
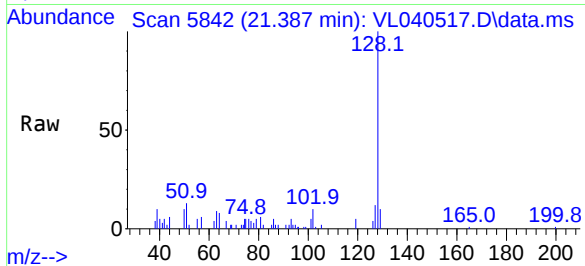




#79
Naphthalene
Concen: 0.075 ppbv
RT: 21.387 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:128 Resp: 17010
Ion Ratio Lower Upper
128 100
127 12.2 10.7 16.1
129 9.6 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.051 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.010 min
Lab File: VL040517.D
Acq: 10 Jul 2023 21:54

Tgt Ion:142 Resp: 4717
Ion Ratio Lower Upper
142 100
141 76.8 66.7 100.1
115 67.4 33.0 49.6#

