

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040503.D
 Acq On : 23 Jun 2023 11:32
 Operator : SY/MD
 Sample : 03397-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

Quant Time: Jun 26 02:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1026651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2728792	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2398674	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1850229	9.346	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	44722	0.200	ppbv	98
3) Chlorodifluoromethane	2.671	51	44210	0.263	ppbv #	86
4) Chloromethane	2.806	50	26254	0.403	ppbv #	86
9) Propene	2.690	41	119585	2.306	ppbv	88
10) Heptane	7.574	43	512929	4.370	ppbv	99
11) Trichlorofluoromethane	3.562	101	52460	0.288	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	5791	0.046	ppbv #	61
13) Ethanol	3.227	45	1088244	101.347	ppbv	100
15) Acetone	3.462	43	6239648	50.389	ppbv	98
16) 1,3-Butadiene	2.964	39	339299	5.630	ppbv #	14
17) tert-Butyl alcohol	3.883	59	96196	0.945	ppbv #	1
19) Isopropyl Alcohol	3.571	45	61435	1.029	ppbv #	1
20) Methylene Chloride	3.931	84	66639	1.261	ppbv	96
21) Allyl Chloride	3.954	41	195085	2.789	ppbv #	49
23) Vinyl Acetate	4.607	43	339549	2.807	ppbv #	1
25) Ethyl Acetate	5.208	43	967247	4.311	ppbv #	77
26) Hexane	5.208	57	1412129	13.291	ppbv #	42
27) Carbon Disulfide	4.118	76	90254	0.679	ppbv #	88
28) Methyl tert-Butyl Ether	4.584	73	6261	0.077	ppbv #	52
29) Chloroform	5.272	83	16281	0.090	ppbv	91
30) Cyclohexane	6.594	84	229913	2.685	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	20804	0.116	ppbv	95
34) 2-Butanone	4.780	43	315292	2.396	ppbv	96
36) Benzene	6.365	78	1271519	5.858	ppbv	98
39) 1,2-Dichloropropane	6.645	63	655384	7.833	ppbv #	22
41) Tetrahydrofuran	5.555	42	5438	0.076	ppbv #	34
42) Bromodichloromethane	7.246	83	16020	0.082	ppbv #	24
44) 2,2,4-Trimethylpentane	7.320	57	1128918	3.183	ppbv #	85
51) 2-Hexanone	9.549	43	31778	0.260	ppbv #	41
52) Tetrachloroethene	10.610	164	69367	1.018	ppbv	92
53) Toluene	9.211	91	5114423	22.371	ppbv	99
58) Ethyl Benzene	12.079	91	2405978	8.278	ppbv	97
59) m/p-Xylene	12.336	91	7069675	26.469	ppbv	92
60) o-Xylene	13.050	91	2960678	11.686	ppbv	99
61) Styrene	12.886	104	30654	0.281	ppbv #	27
62) Isopropylbenzene	14.021	105	739853	1.965	ppbv	99
64) n-propylbenzene	14.908	120	150045	1.569	ppbv	90
65) tert-Butylbenzene	16.095	119	335123	1.037	ppbv #	70
66) Benzyl Chloride	16.539	91	14449	0.580	ppbv #	78
67) sec-Butylbenzene	16.625	105	28446	0.060	ppbv #	73
69) p-Isopropyltoluene	16.979	119	17644	0.047	ppbv #	46
70) n-Butylbenzene	17.879	91	103012	0.246	ppbv #	74
71) 2-Chlorotoluene	14.902	91	759721	2.717	ppbv #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040503.D
Acq On : 23 Jun 2023 11:32
Operator : SY/MD
Sample : 03397-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-3

Quant Time: Jun 26 02:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

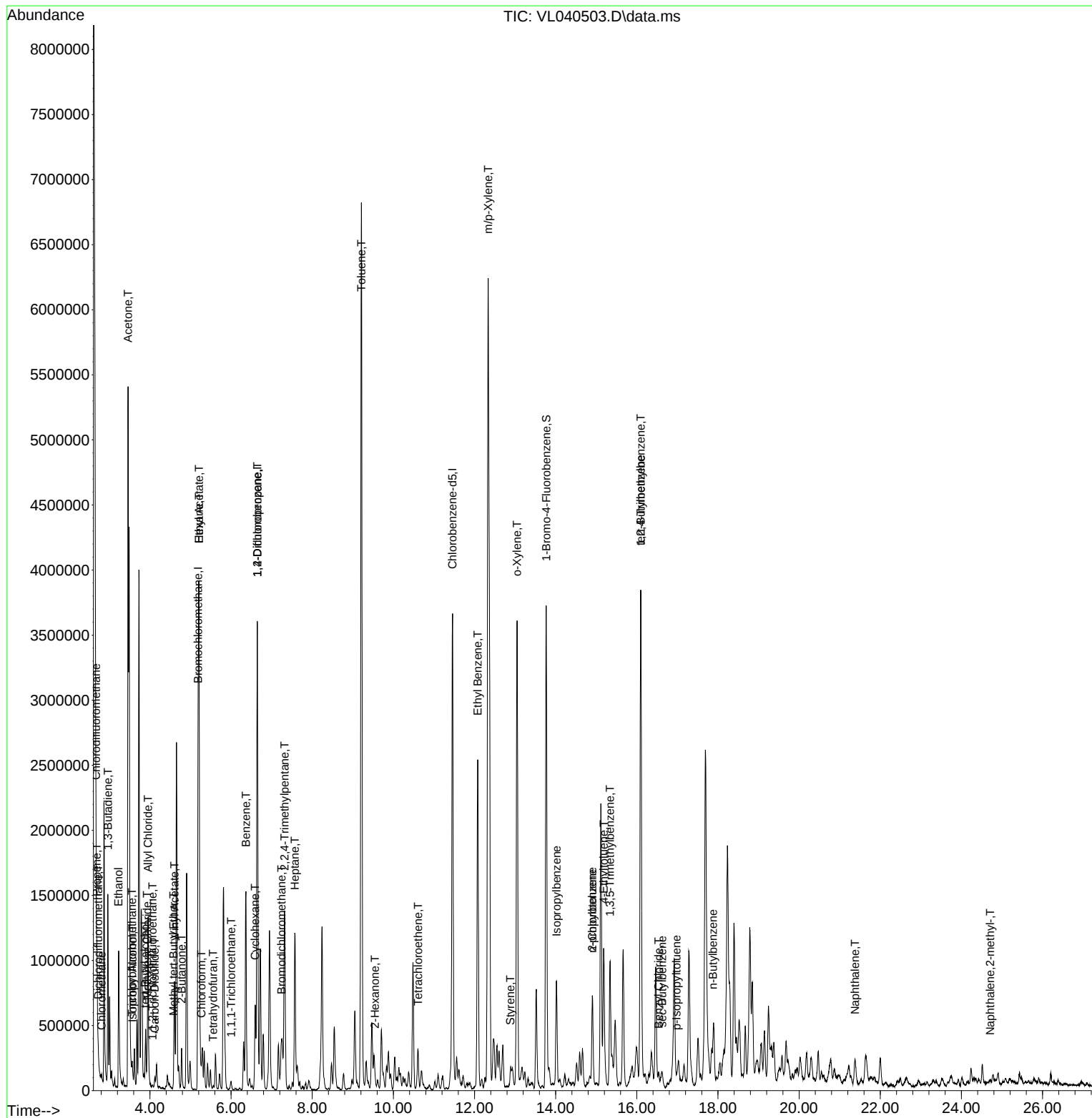
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 4-Ethyltoluene	15.182	105	895533	3.138	ppbv	98
73) 1,3,5-Trimethylbenzene	15.343	105	710323	2.817	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	3068226	10.341	ppbv #	70
79) Naphthalene	21.378	128	184254	1.078	ppbv	96
80) Naphthalene,2-methyl-	24.709	142	11529	0.225	ppbv	96

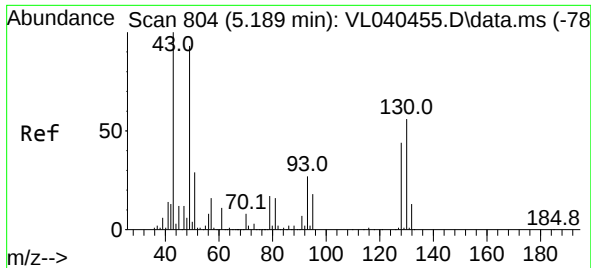
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040503.D
Acq On : 23 Jun 2023 11:32
Operator : SY/MD
Sample : 03397-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-3

Quant Time: Jun 26 02:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

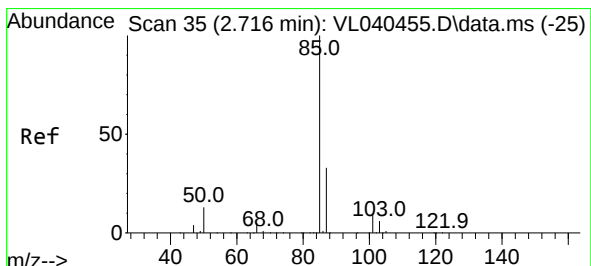
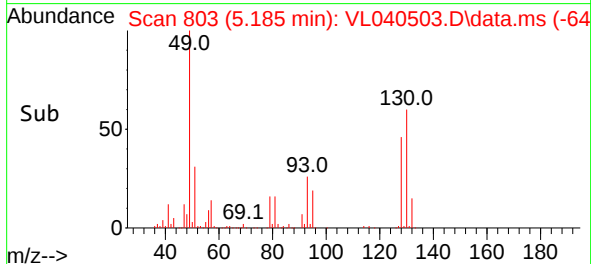
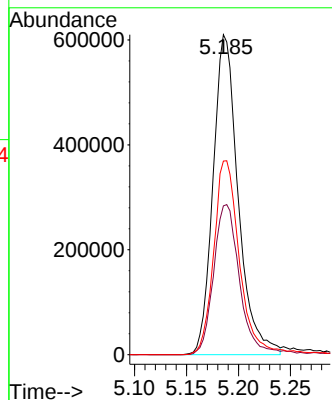
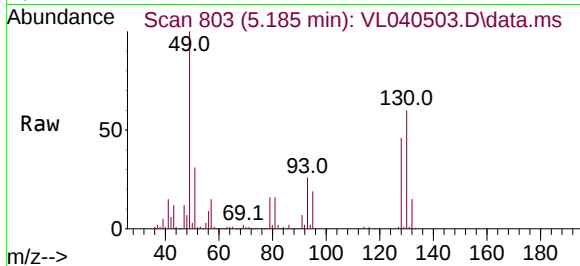




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 80
 Delta R.T. -0.004 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

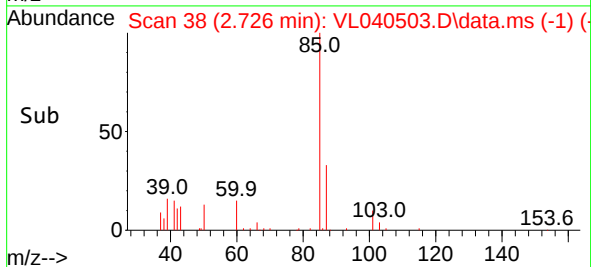
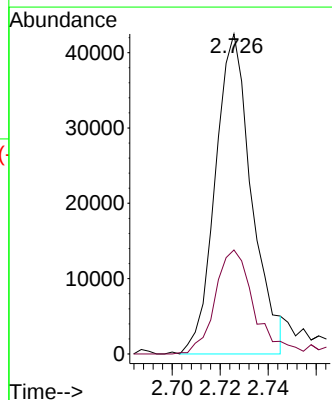
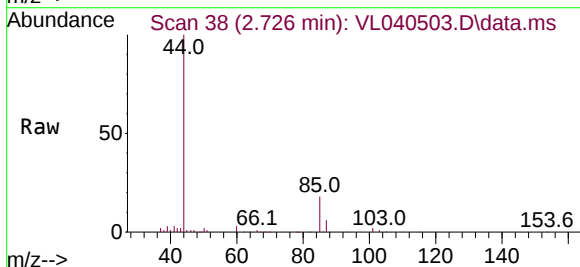
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

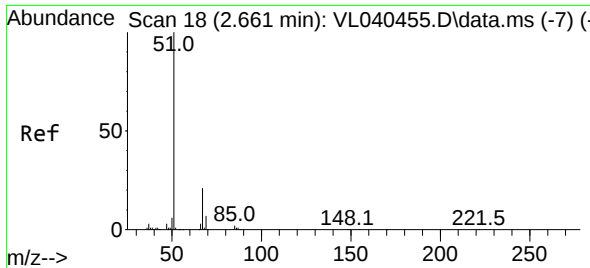
Tgt Ion: 49 Resp: 1026651
 Ion Ratio Lower Upper
 49 100
 128 49.4 24.7 74.1
 130 63.2 31.4 94.2



#2
 Dichlorodifluoromethane
 Concen: 0.200 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

Tgt Ion: 85 Resp: 44722
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.6 39.8

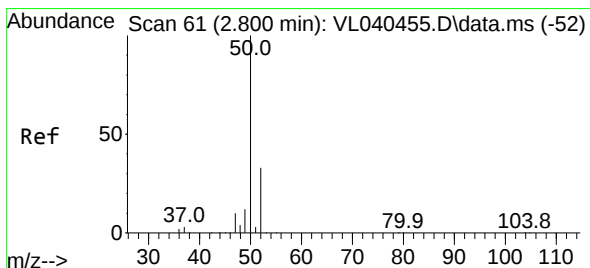
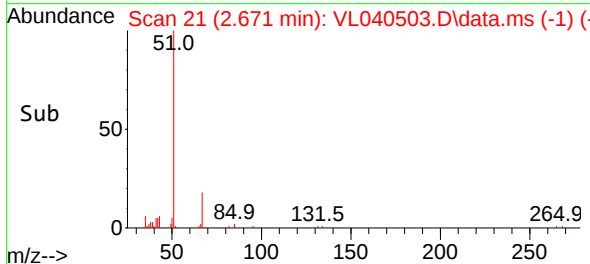
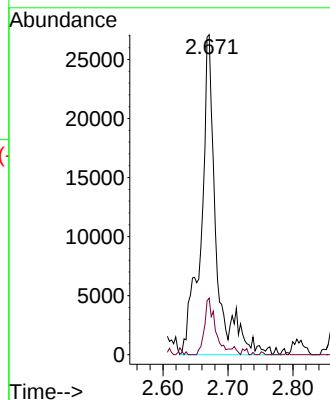
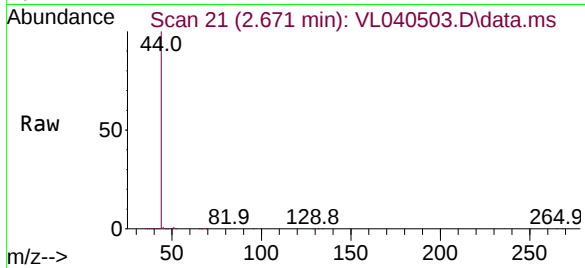




#3
Chlorodifluoromethane
Concen: 0.263 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

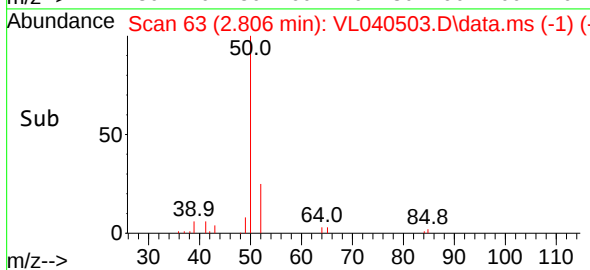
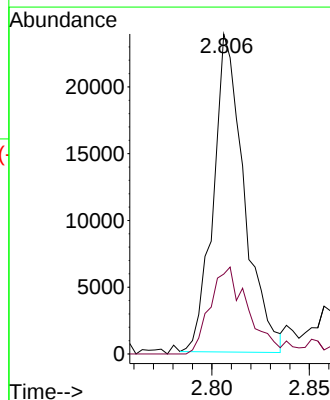
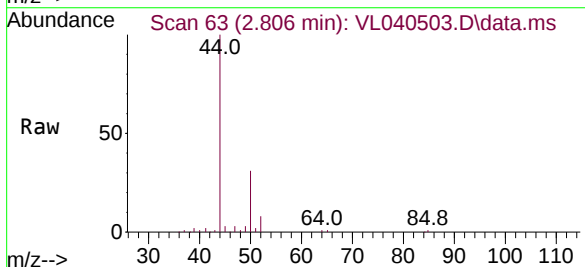
Instrument :
MSVOA_L
ClientSampleId :
SV-3

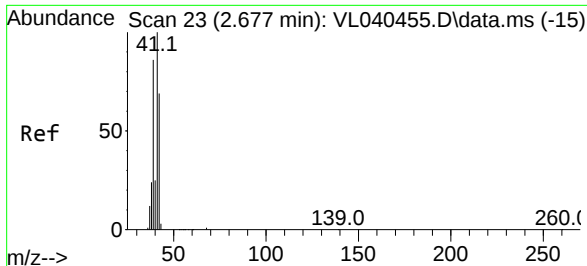
Tgt Ion: 51 Resp: 44210
Ion Ratio Lower Upper
51 100
67 14.1 16.3 24.5#



#4
Chloromethane
Concen: 0.403 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 50 Resp: 26254
Ion Ratio Lower Upper
50 100
52 25.1 26.3 39.5#

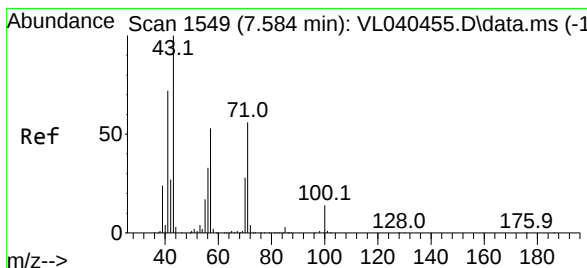
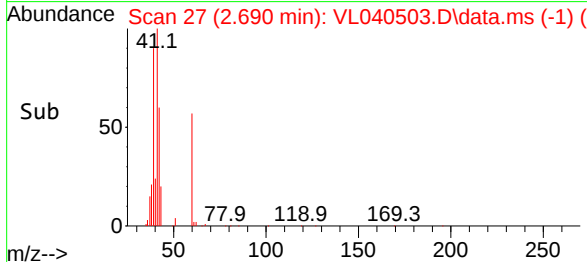
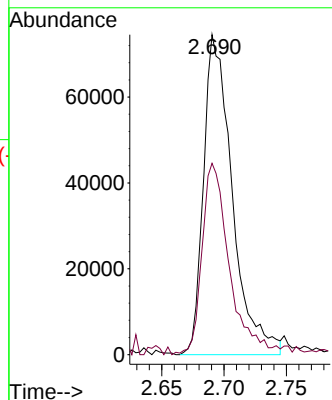
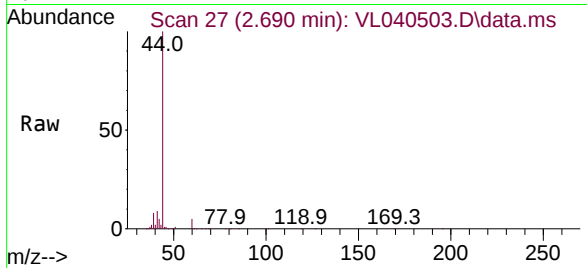




#9
Propene
Concen: 2.306 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

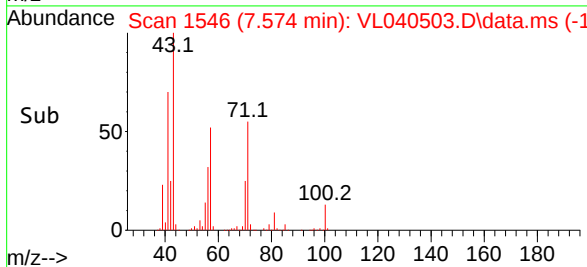
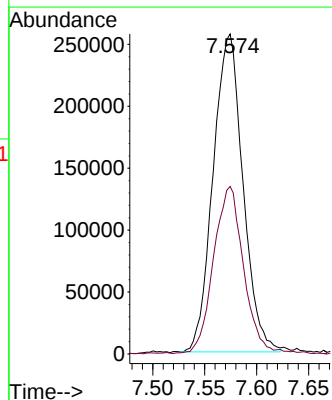
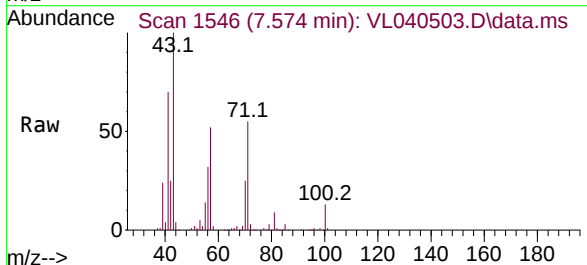
Instrument :
MSVOA_L
ClientSampleId :
SV-3

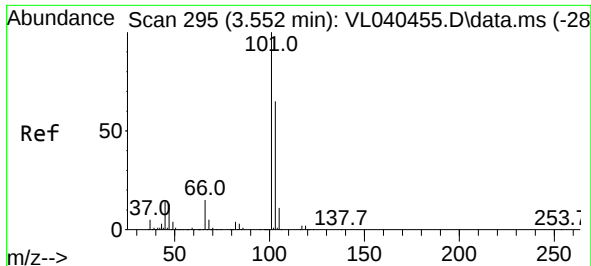
Tgt Ion: 41 Resp: 119585
Ion Ratio Lower Upper
41 100
42 60.6 56.2 84.2



#10
Heptane
Concen: 4.370 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. -0.010 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 43 Resp: 512929
Ion Ratio Lower Upper
43 100
57 53.8 42.5 63.7

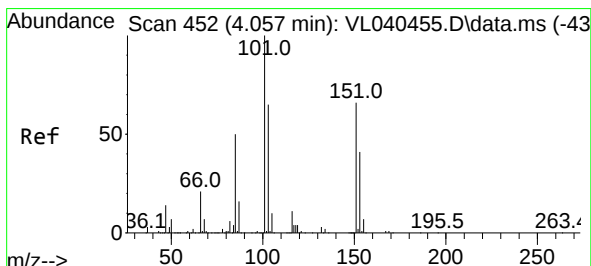
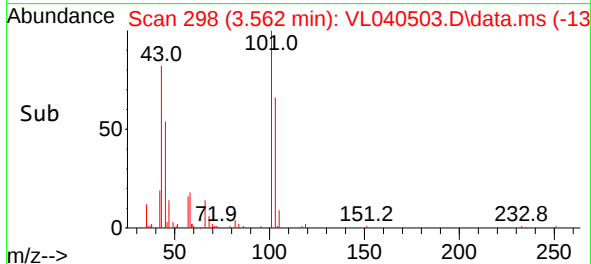
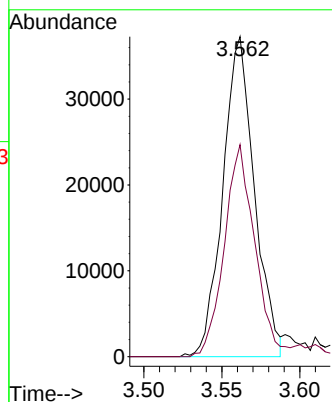
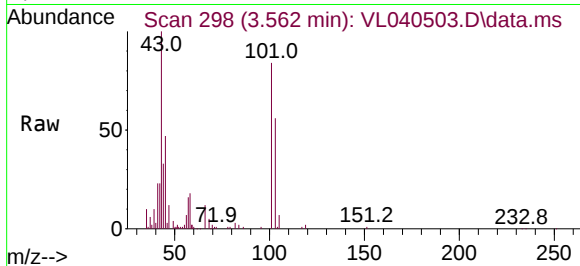




#11
 Trichlorofluoromethane
 Concen: 0.288 ppbv
 RT: 3.562 min Scan# 295
 Delta R.T. 0.010 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

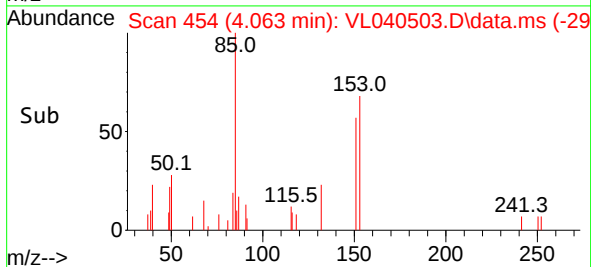
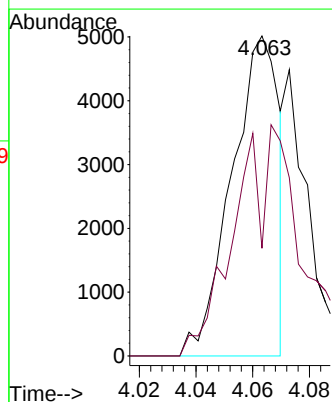
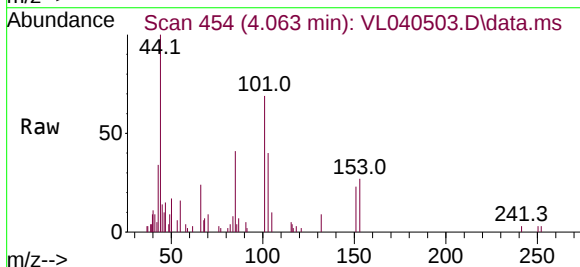
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

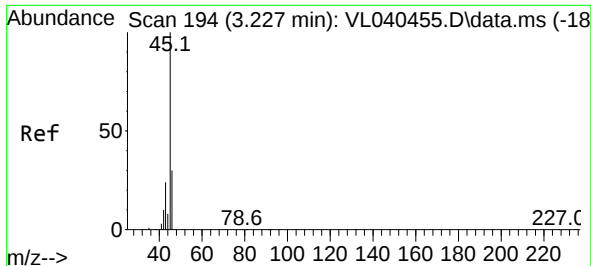
Tgt Ion:101 Resp: 52460
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.046 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.006 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

Tgt Ion:101 Resp: 5791
 Ion Ratio Lower Upper
 101 100
 151 99.5 54.3 81.5#

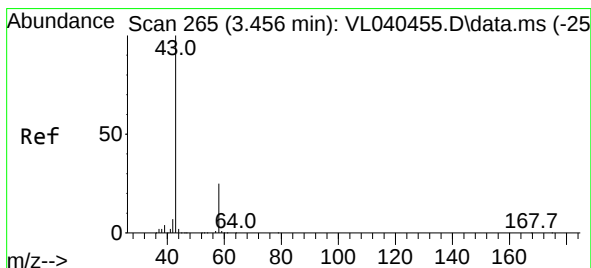
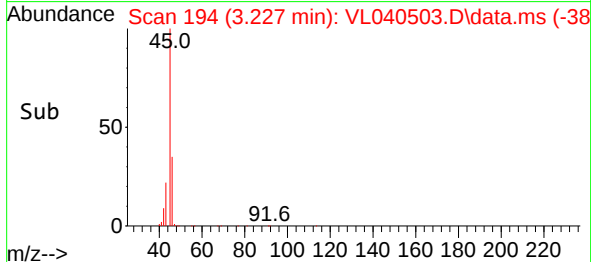
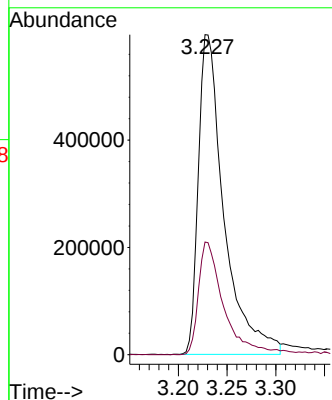
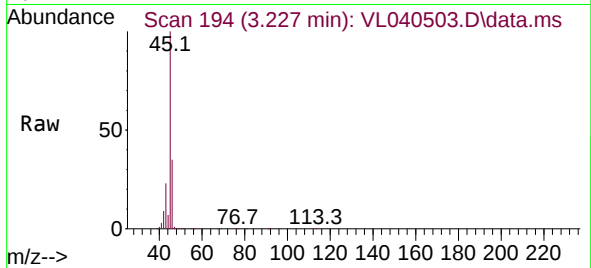




#13
Ethanol
Concen: 101.347 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

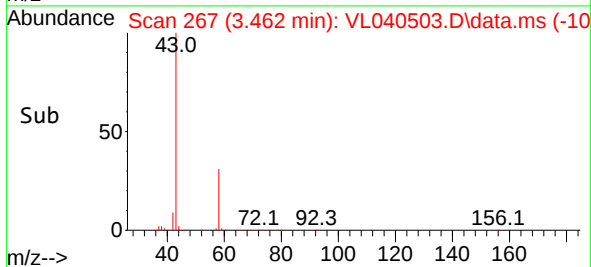
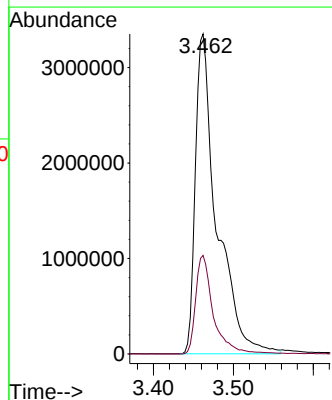
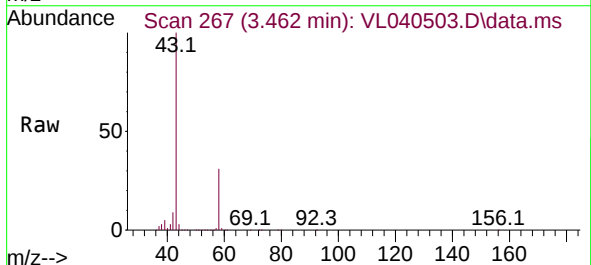
Instrument :
MSVOA_L
ClientSampleId :
SV-3

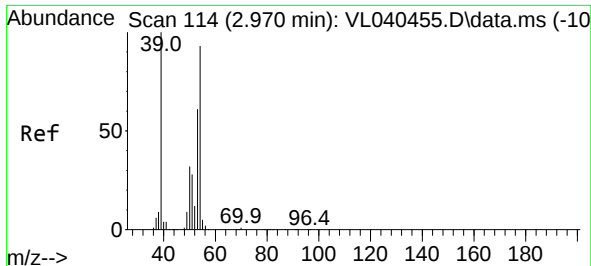
Tgt Ion: 45 Resp: 1088244
Ion Ratio Lower Upper
45 100
46 36.3 14.5 58.1



#15
Acetone
Concen: 50.389 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 43 Resp: 6239648
Ion Ratio Lower Upper
43 100
58 25.8 21.6 32.4





#16

1,3-Butadiene

Concen: 5.630 ppbv

RT: 2.964 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

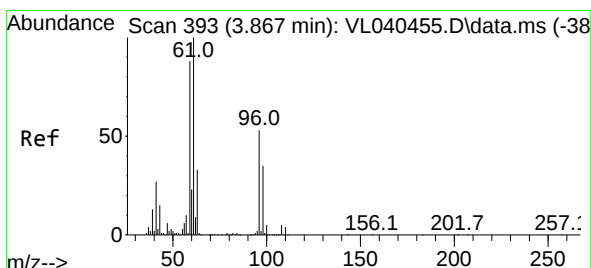
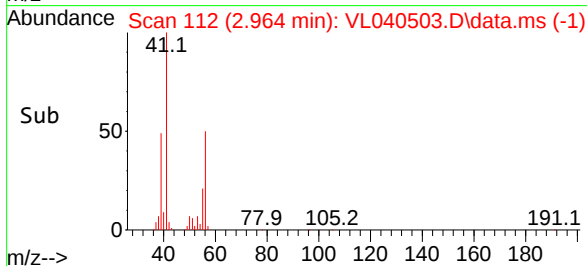
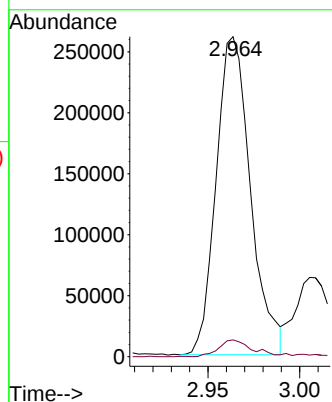
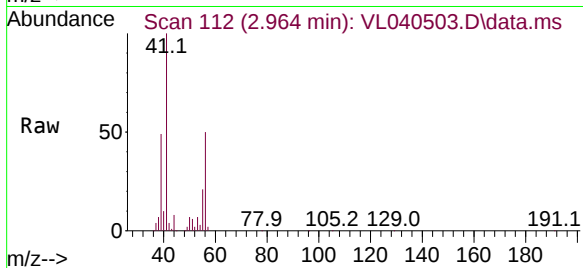
SV-3

Tgt Ion: 39 Resp: 339299

Ion Ratio Lower Upper

39 100

54 6.1 66.9 100.3#



#17

tert-Butyl alcohol

Concen: 0.945 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.016 min

Lab File: VL040503.D

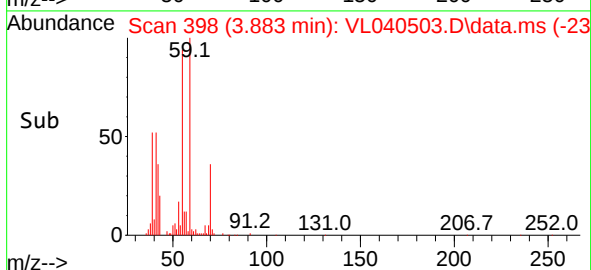
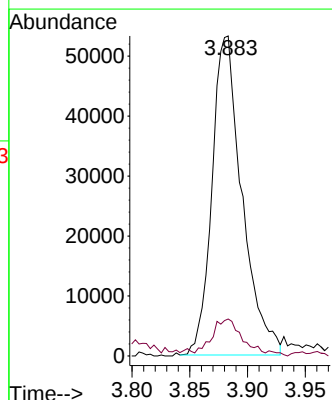
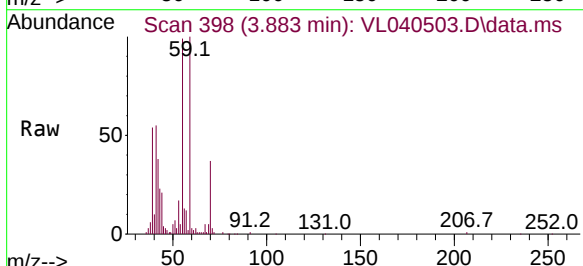
Acq: 23 Jun 2023 11:32

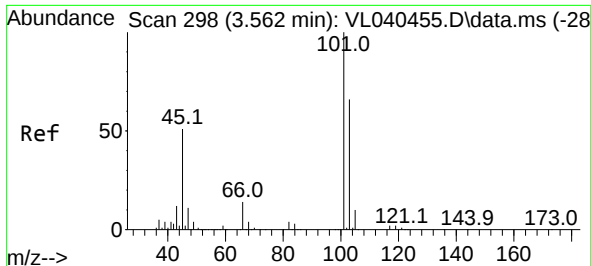
Tgt Ion: 59 Resp: 96196

Ion Ratio Lower Upper

59 100

57 329.3 8.8 13.2#

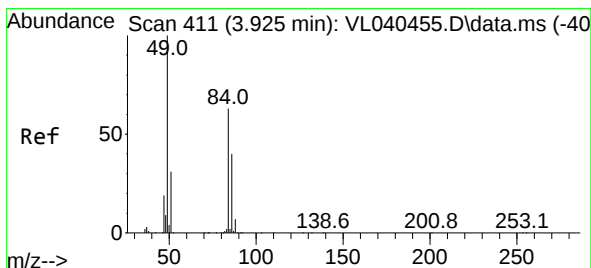
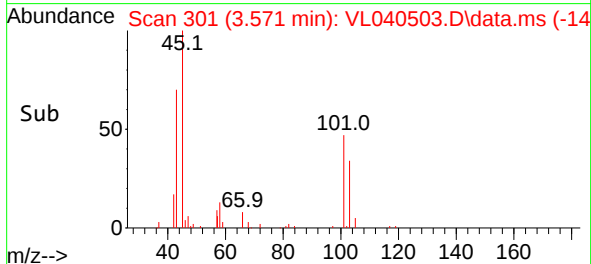
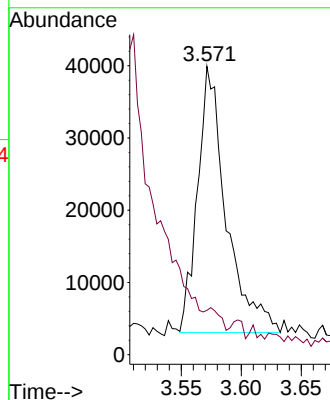
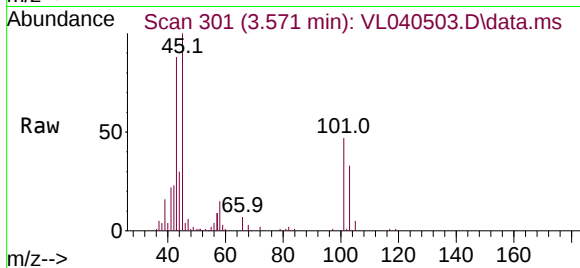




#19
Isopropyl Alcohol
Concen: 1.029 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

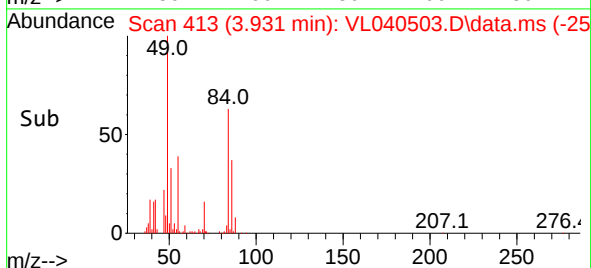
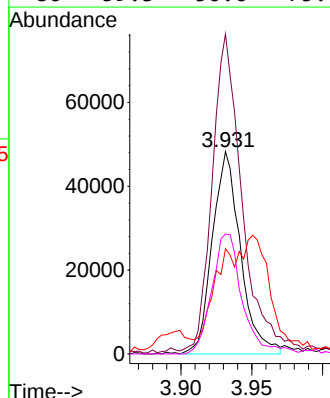
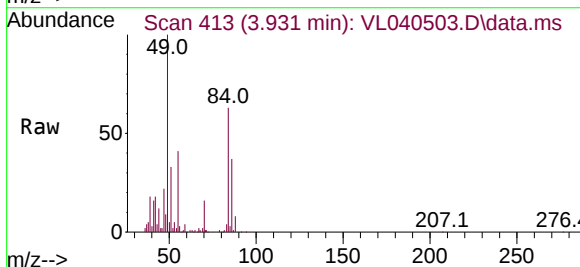
Instrument :
MSVOA_L
ClientSampleId :
SV-3

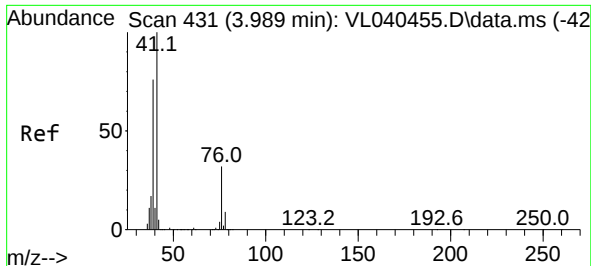
Tgt Ion: 45 Resp: 61435
Ion Ratio Lower Upper
45 100
58 2620.7 2.6 4.0#



#20
Methylene Chloride
Concen: 1.261 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 84 Resp: 66639
Ion Ratio Lower Upper
84 100
49 156.5 126.2 189.2
51 40.6 38.7 58.1
86 59.3 50.6 75.8





#21

Allyl Chloride

Concen: 2.789 ppbv

RT: 3.954 min Scan# 41

Delta R.T. -0.035 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

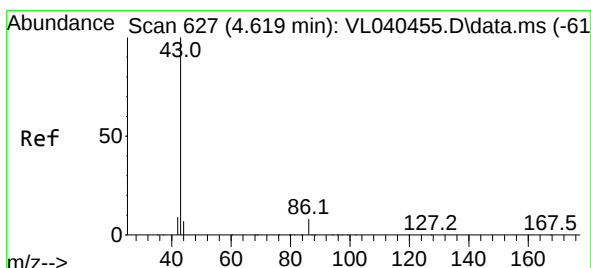
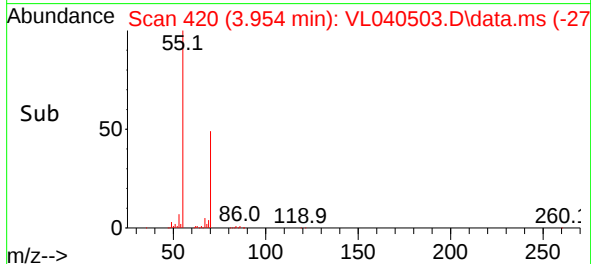
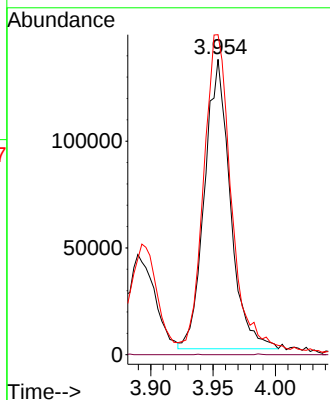
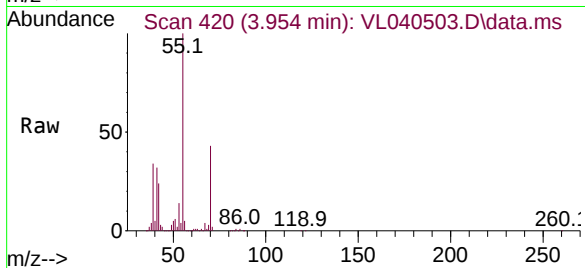
Tgt Ion: 41 Resp: 195085

Ion Ratio Lower Upper

41 100

76 0.0 26.1 39.1#

39 122.6 63.9 95.9#



#23

Vinyl Acetate

Concen: 2.807 ppbv

RT: 4.607 min Scan# 623

Delta R.T. -0.013 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Tgt Ion: 43 Resp: 339549

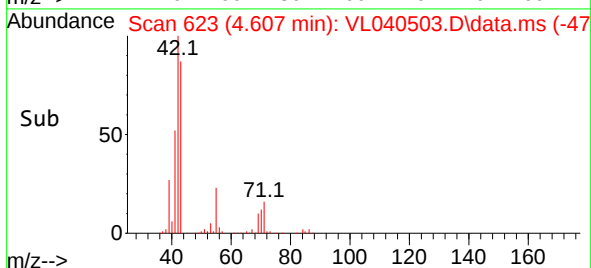
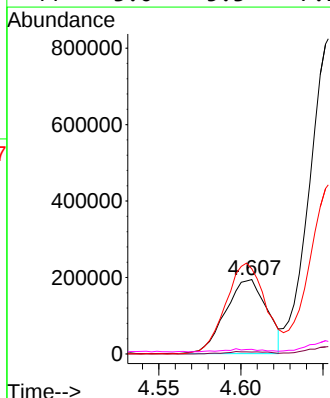
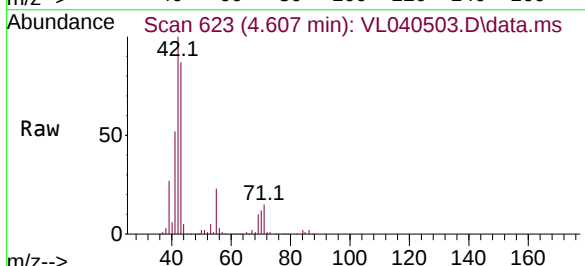
Ion Ratio Lower Upper

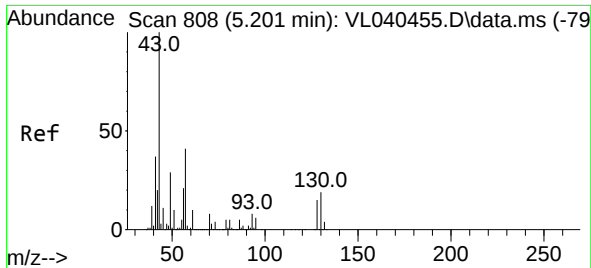
43 100

86 2.5 5.8 8.6#

42 114.1 7.4 11.2#

44 3.0 5.3 7.9#

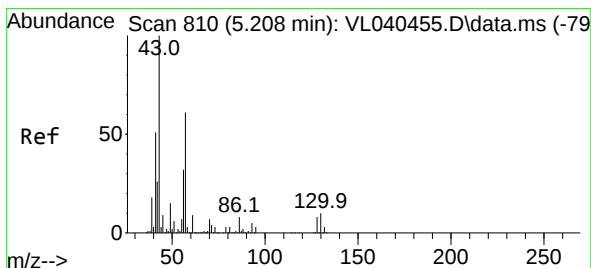
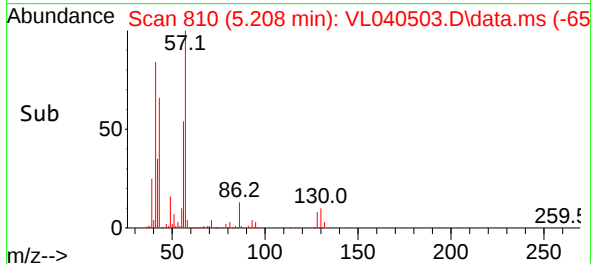
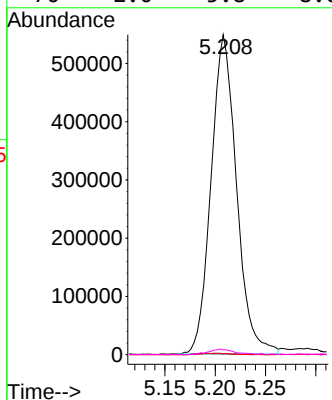
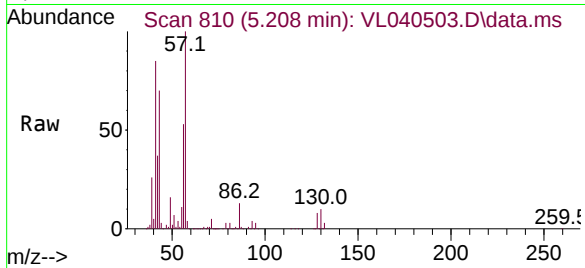




#25
Ethyl Acetate
Concen: 4.311 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

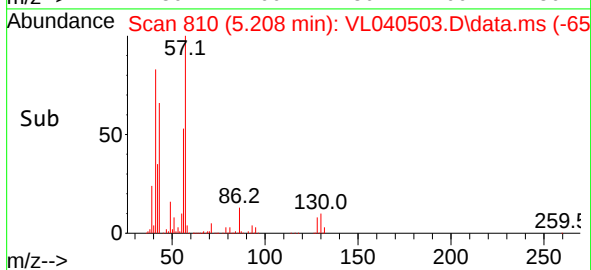
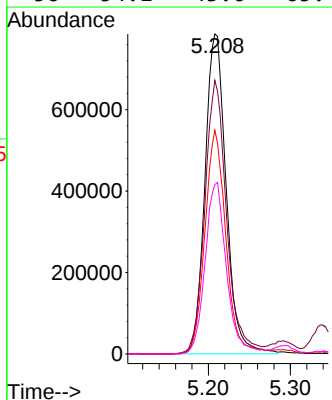
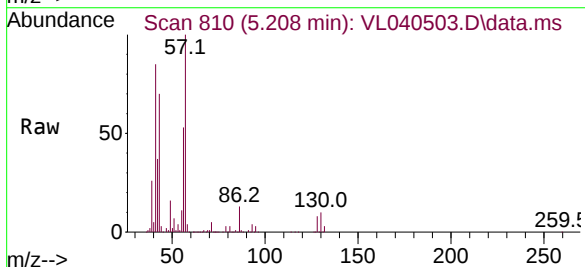
Instrument :
MSVOA_L
ClientSampleId :
SV-3

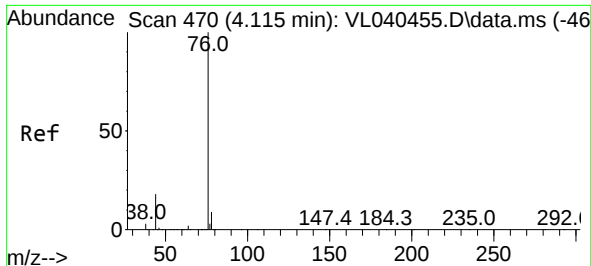
Tgt Ion: 43 Resp: 967247
Ion Ratio Lower Upper
43 100
45 0.6 8.0 12.0#
61 0.4 8.1 12.1#
70 2.0 5.8 8.6#



#26
Hexane
Concen: 13.291 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 57 Resp: 1412129
Ion Ratio Lower Upper
57 100
41 87.9 73.0 109.6
43 69.1 177.5 266.3#
56 54.1 43.6 65.4





#27

Carbon Disulfide

Concen: 0.679 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

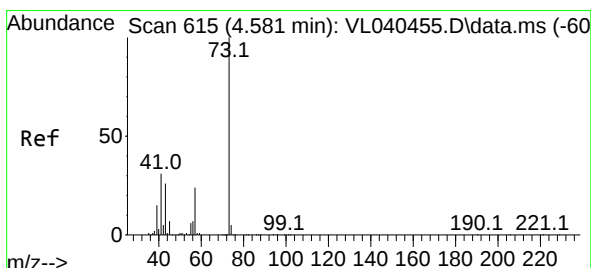
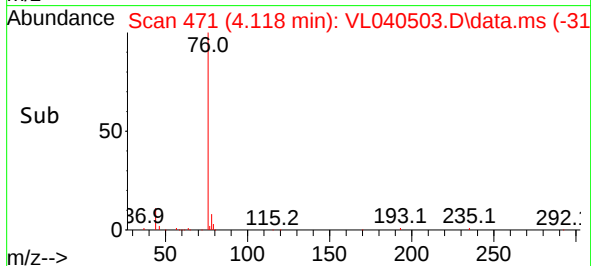
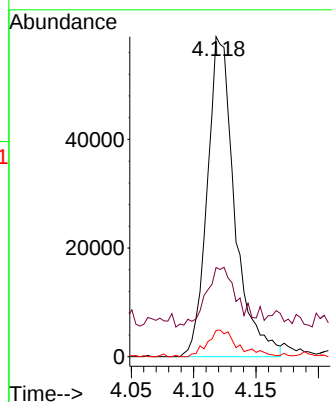
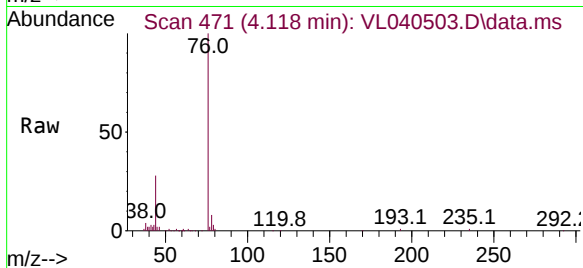
Tgt Ion: 76 Resp: 90254

Ion Ratio Lower Upper

76 100

44 25.9 14.6 22.0#

78 10.5 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 0.077 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL040503.D

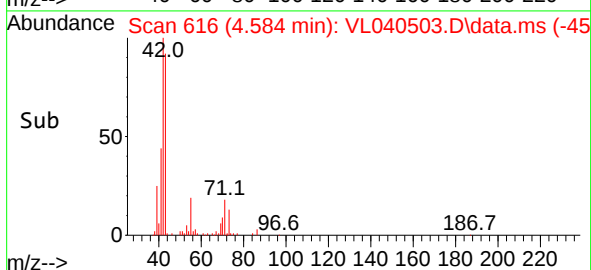
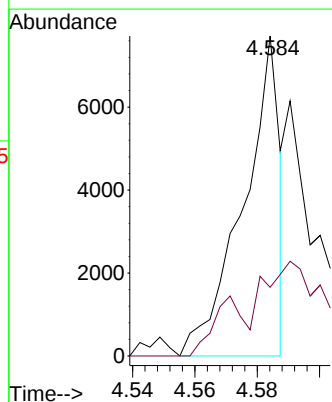
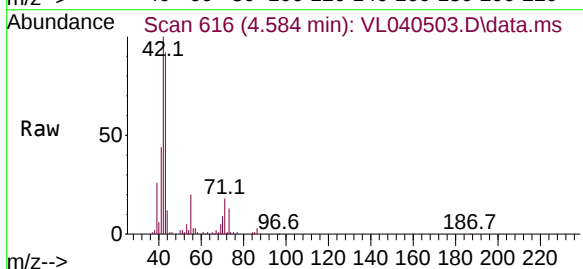
Acq: 23 Jun 2023 11:32

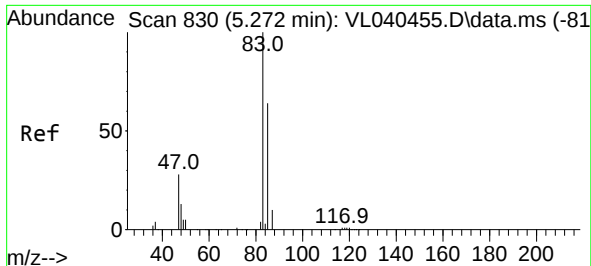
Tgt Ion: 73 Resp: 6261

Ion Ratio Lower Upper

73 100

57 0.0 19.0 28.4#

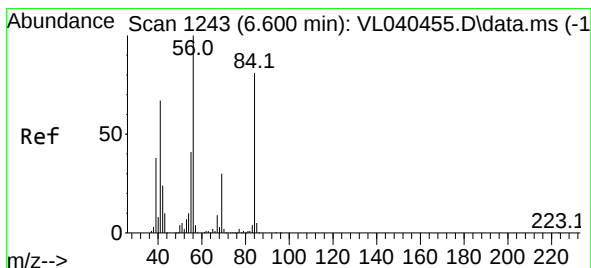
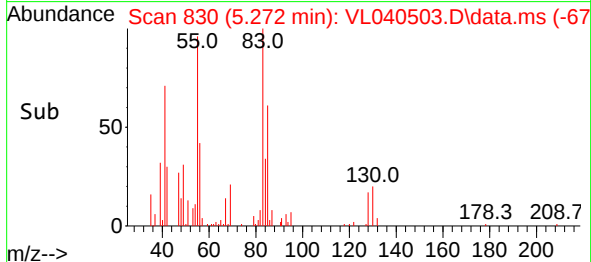
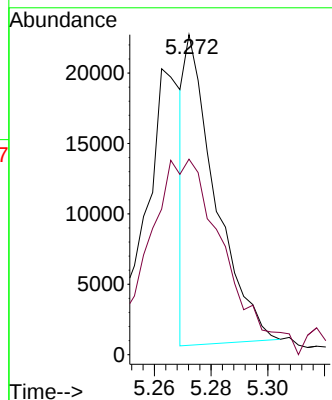
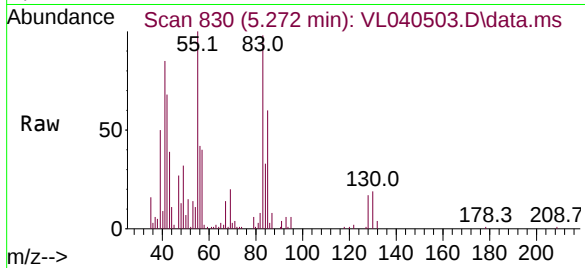




#29
Chloroform
Concen: 0.090 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

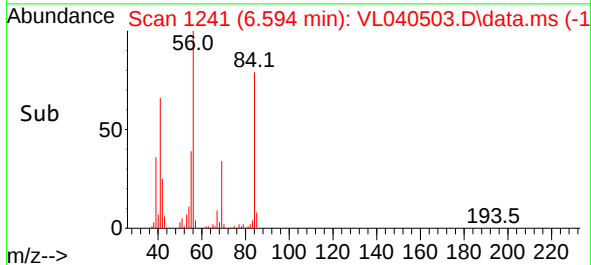
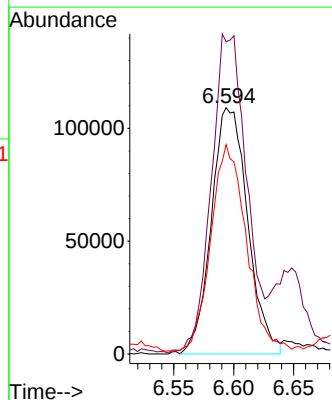
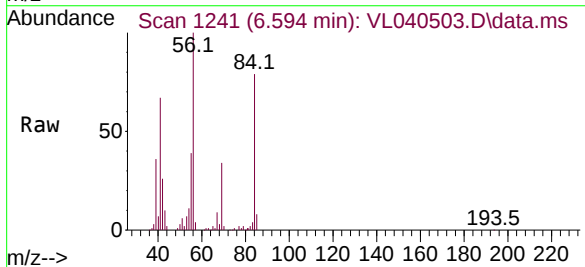
Instrument :
MSVOA_L
ClientSampleId :
SV-3

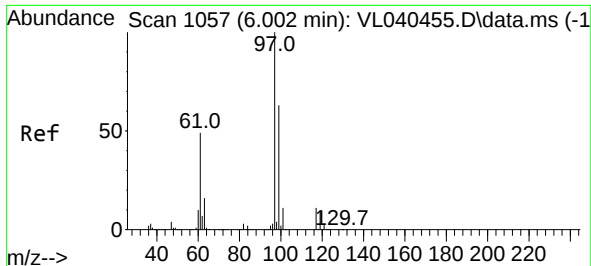
Tgt Ion: 83 Resp: 16281
Ion Ratio Lower Upper
83 100
85 56.9 51.1 76.7



#30
Cyclohexane
Concen: 2.685 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 84 Resp: 229913
Ion Ratio Lower Upper
84 100
56 131.1 106.0 159.0
41 82.0 66.8 100.2

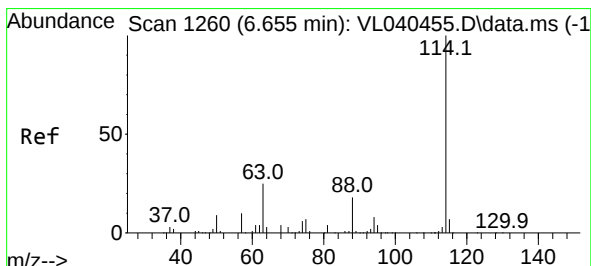
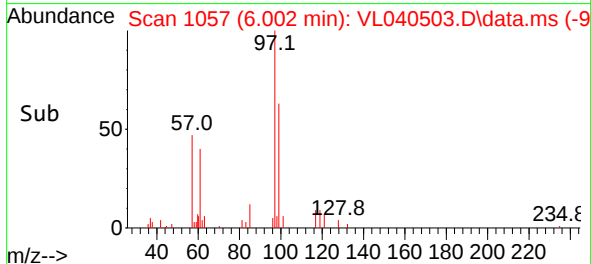
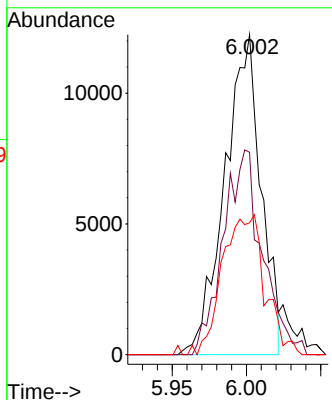
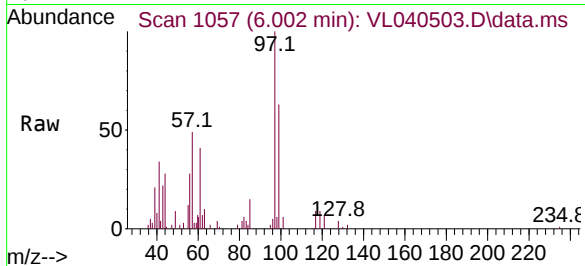




#32
 1,1,1-Trichloroethane
 Concen: 0.116 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

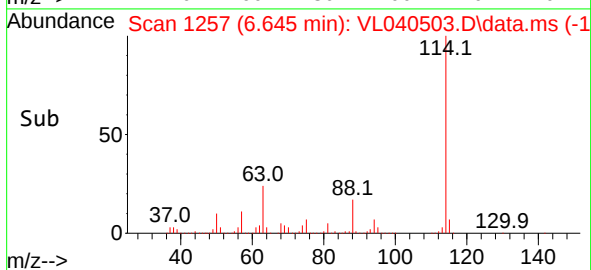
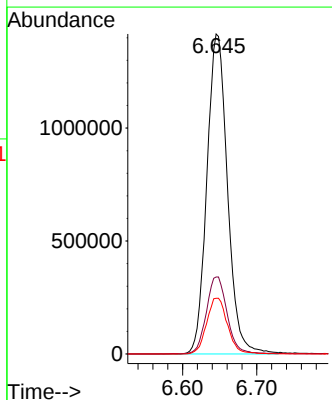
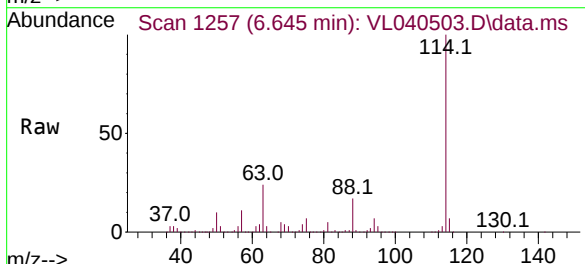
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

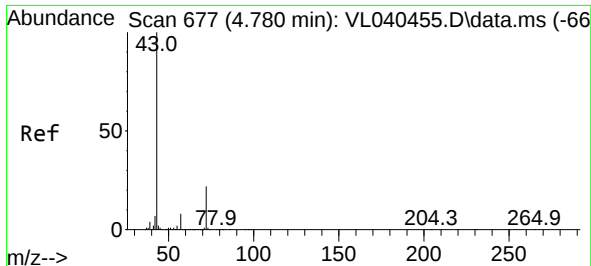
Tgt Ion: 97	Resp: 20804
Ion Ratio	Lower Upper
97 100	
99 69.1	51.5 77.3
61 51.5	39.7 59.5



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.010 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

Tgt Ion:114	Resp: 2728792		
Ion	Ratio	Lower	Upper
114	100		
63	24.6	21.0	31.6
88	17.7	14.5	21.7

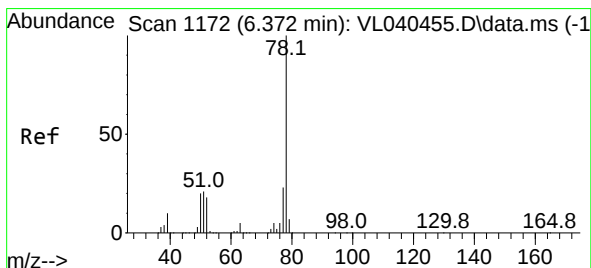
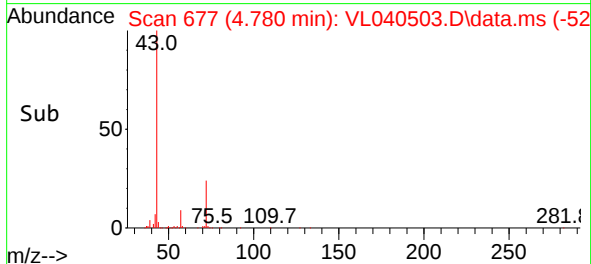
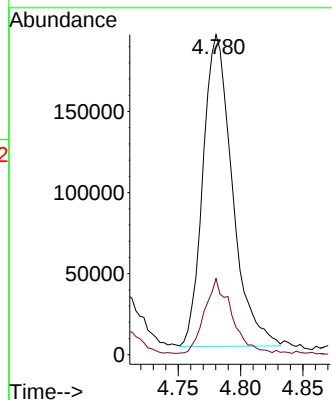
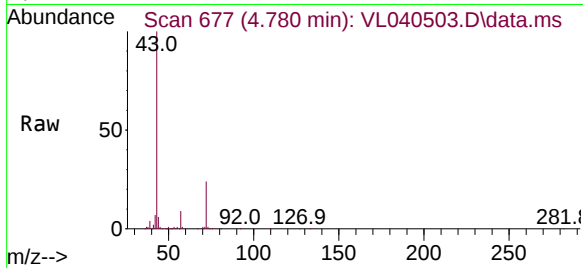




#34
2-Butanone
Concen: 2.396 ppbv
RT: 4.780 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

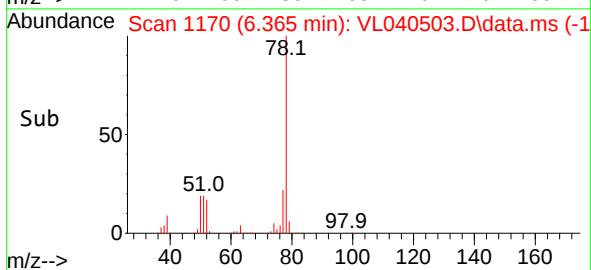
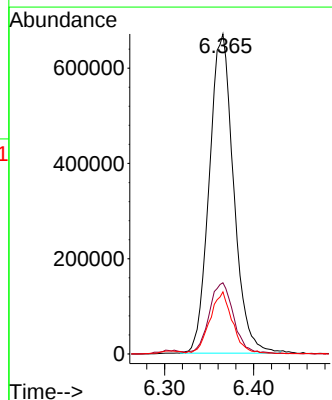
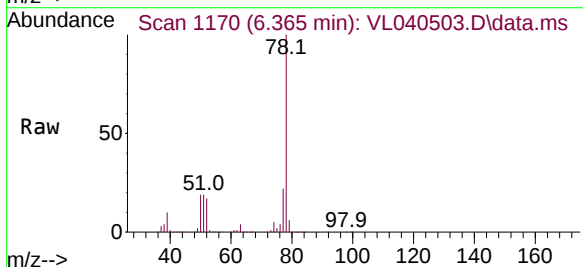
Instrument :
MSVOA_L
ClientSampleId :
SV-3

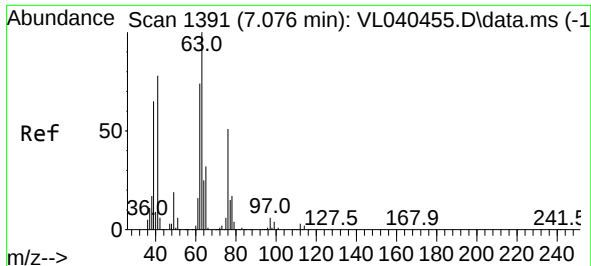
Tgt Ion: 43 Resp: 315292
Ion Ratio Lower Upper
43 100
72 24.3 18.1 27.1



#36
Benzene
Concen: 5.858 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 78 Resp: 1271519
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7
50 19.0 16.1 24.1





#39

1,2-Dichloropropane

Concen: 7.833 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.431 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

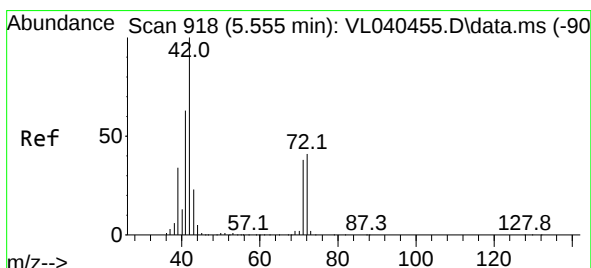
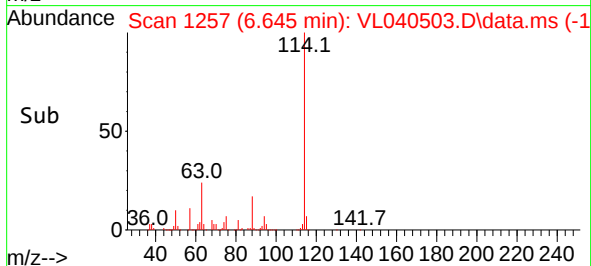
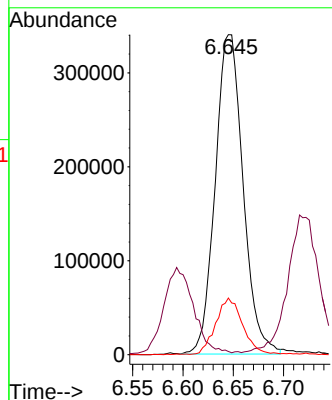
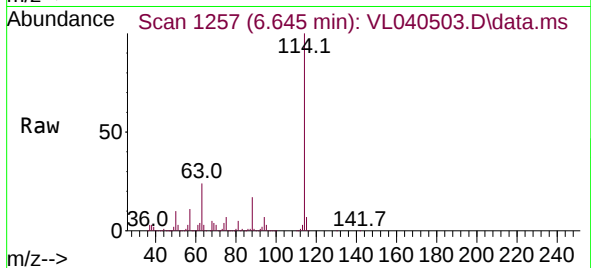
Tgt Ion: 63 Resp: 655384

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.2#

62 17.5 59.0 88.4#



#41

Tetrahydrofuran

Concen: 0.076 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

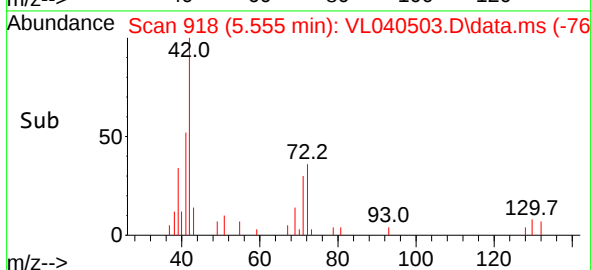
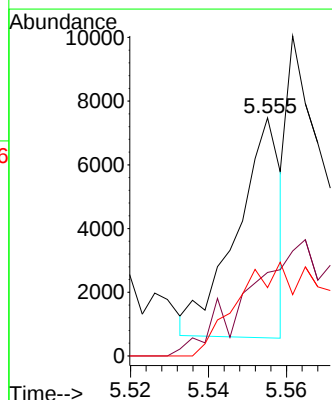
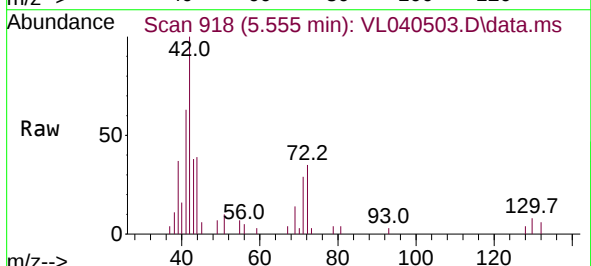
Tgt Ion: 42 Resp: 5438

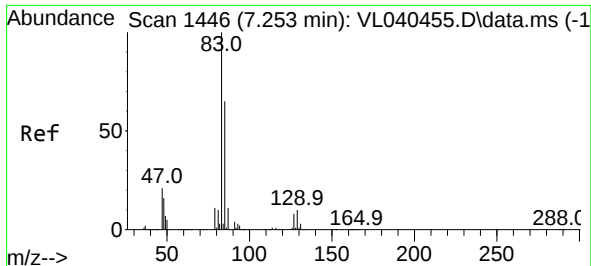
Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 32.3 48.5#





#42

Bromodichloromethane

Concen: 0.082 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

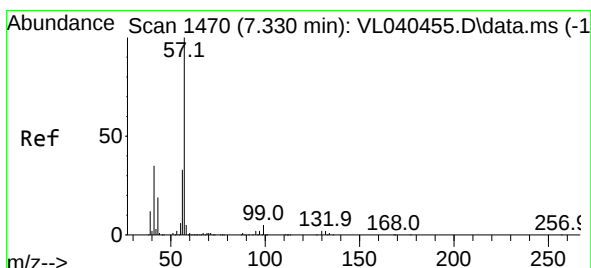
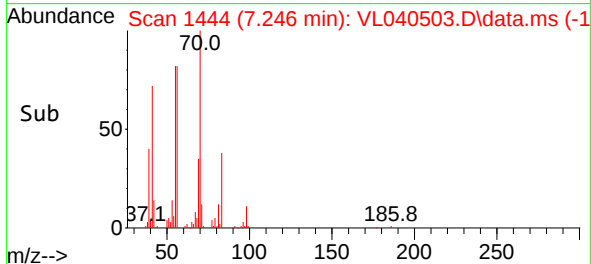
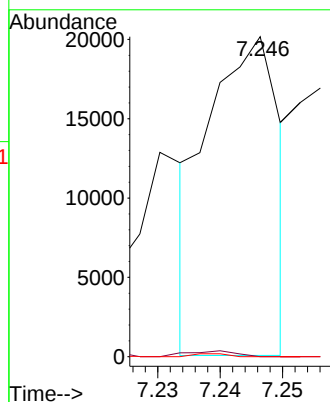
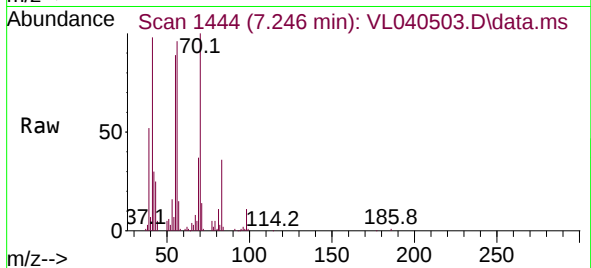
Tgt Ion: 83 Resp: 16020

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

127 0.0 6.1 9.1#



#44

2,2,4-Trimethylpentane

Concen: 3.183 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. -0.010 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

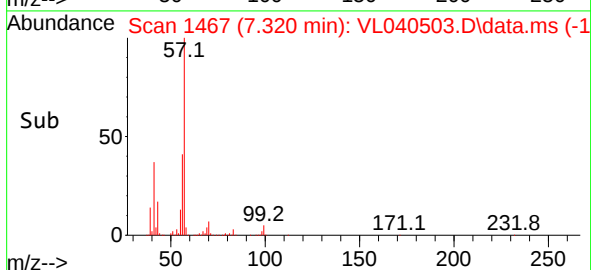
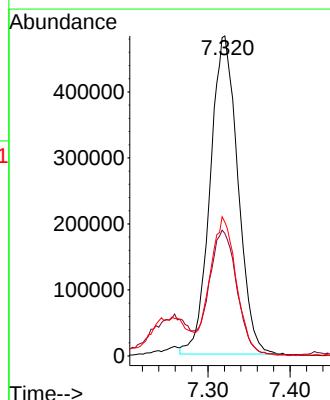
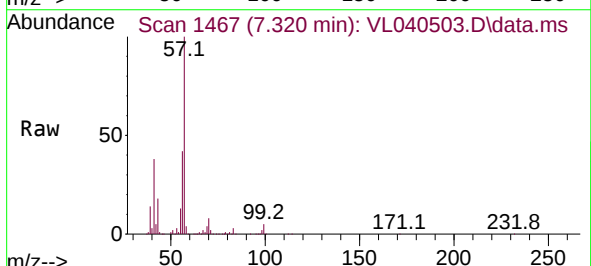
Tgt Ion: 57 Resp: 1128918

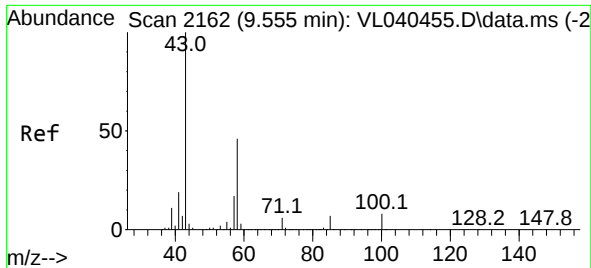
Ion Ratio Lower Upper

57 100

41 40.5 27.8 41.8

56 42.7 25.3 37.9#

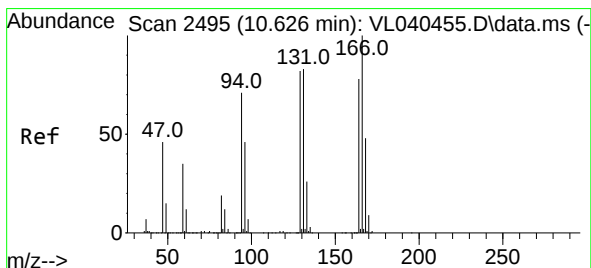
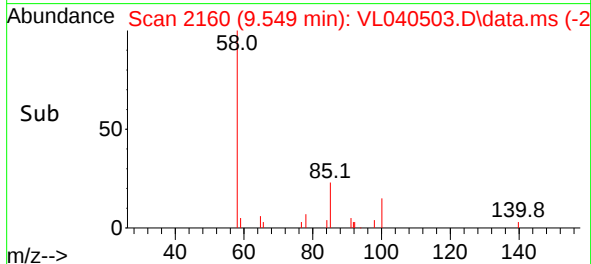
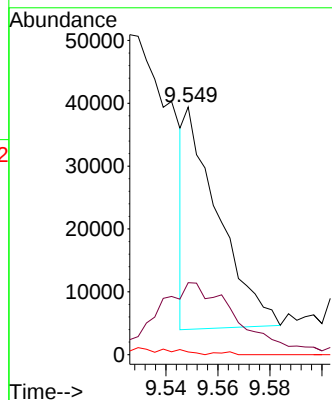
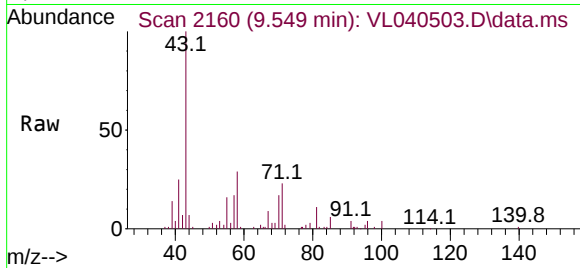




#51
2-Hexanone
Concen: 0.260 ppbv
RT: 9.549 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

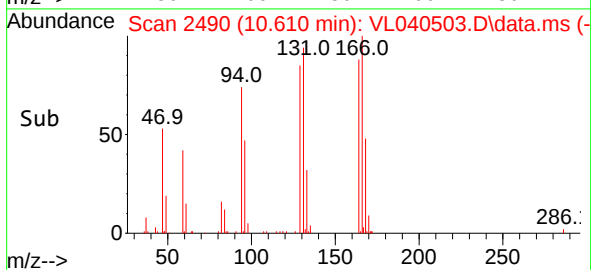
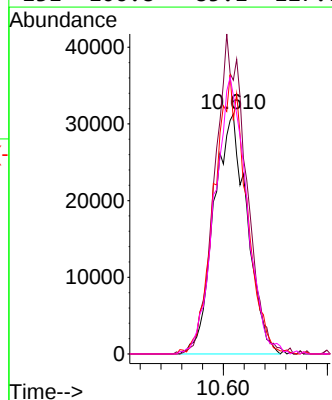
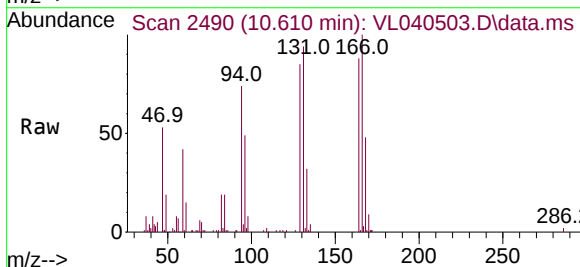
Instrument :
MSVOA_L
ClientSampleId :
SV-3

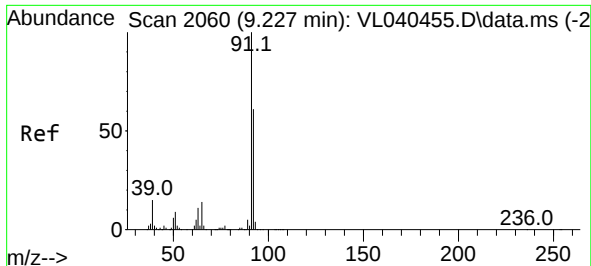
Tgt Ion: 43 Resp: 31778
Ion Ratio Lower Upper
43 100
58 85.8 37.1 55.7#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 1.018 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.016 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 164 Resp: 69367
Ion Ratio Lower Upper
164 100
166 114.1 102.7 154.1
129 96.2 84.6 126.8
131 106.8 85.1 127.7

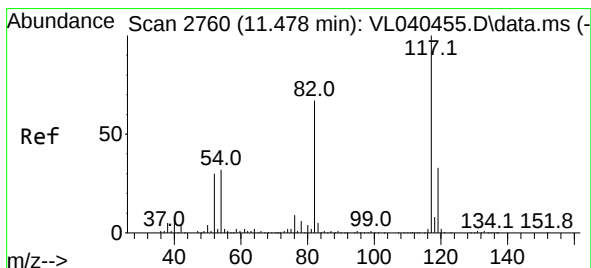
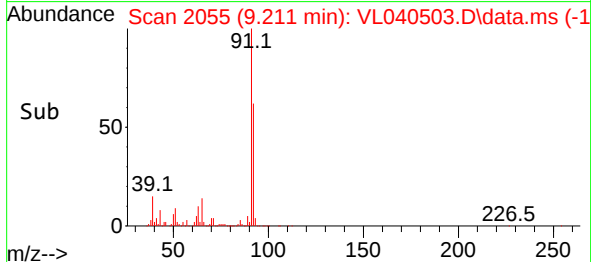
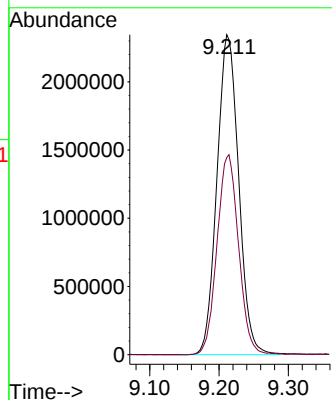
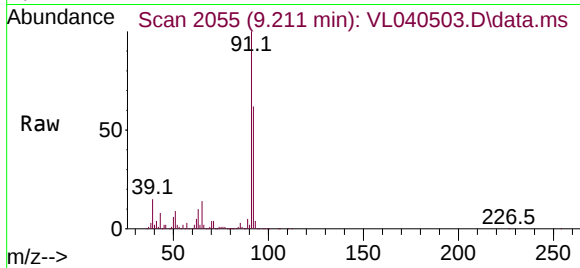




#53
Toluene
Concen: 22.371 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

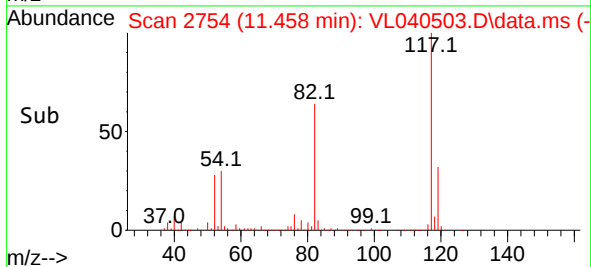
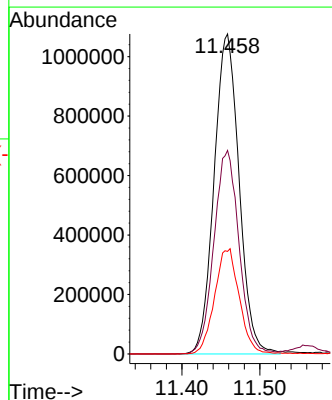
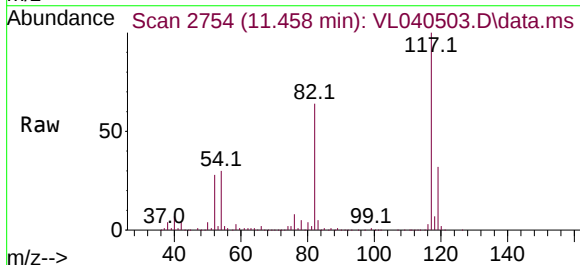
Instrument :
MSVOA_L
ClientSampleId :
SV-3

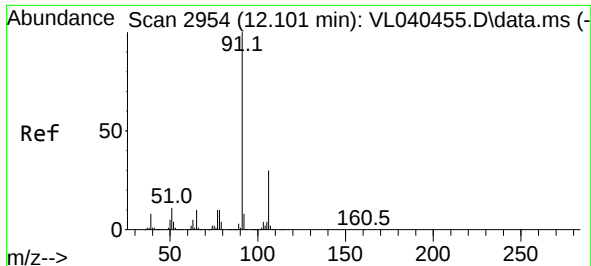
Tgt Ion: 91 Resp: 5114423
Ion Ratio Lower Upper
91 100
92 62.0 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.019 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 117 Resp: 2398674
Ion Ratio Lower Upper
117 100
82 64.0 53.0 79.4
119 32.6 24.4 36.6





#58

Ethyl Benzene

Concen: 8.278 ppbv

RT: 12.079 min Scan# 2954

Delta R.T. -0.022 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

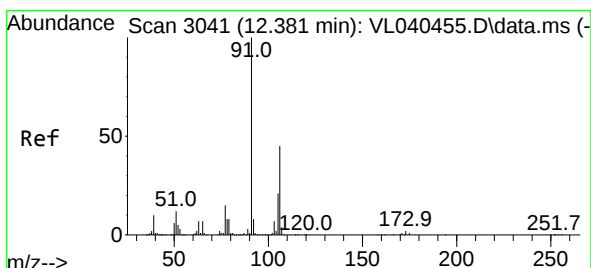
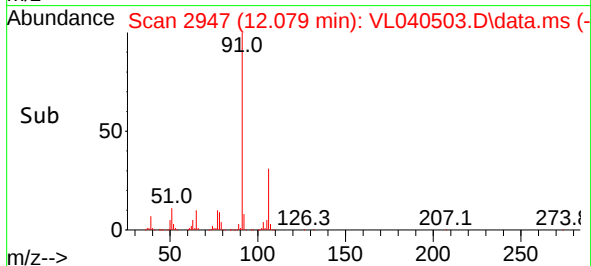
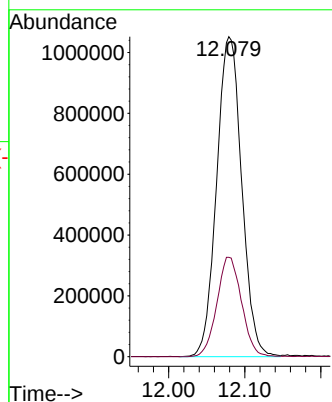
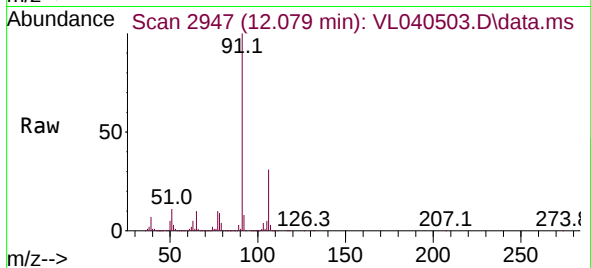
SV-3

Tgt Ion: 91 Resp: 2405978

Ion Ratio Lower Upper

91 100

106 31.1 23.7 35.5



#59

m/p-Xylene

Concen: 26.469 ppbv

RT: 12.336 min Scan# 3027

Delta R.T. -0.045 min

Lab File: VL040503.D

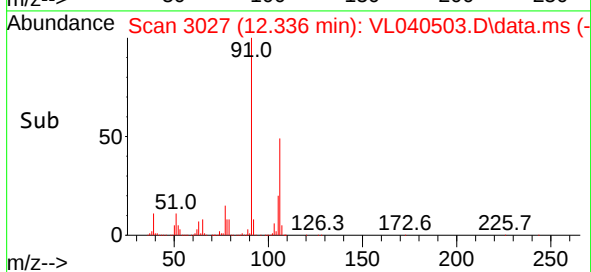
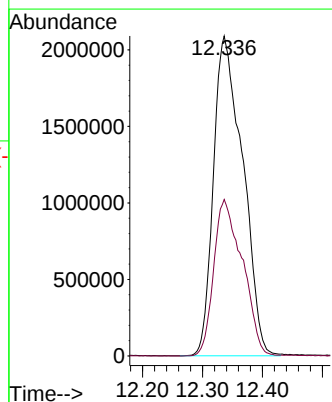
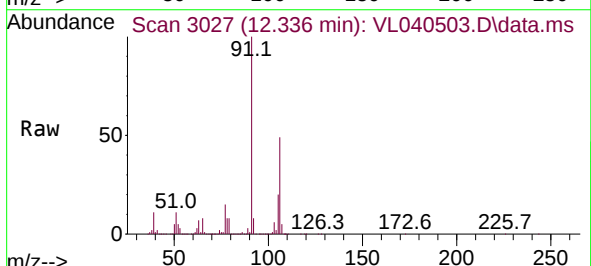
Acq: 23 Jun 2023 11:32

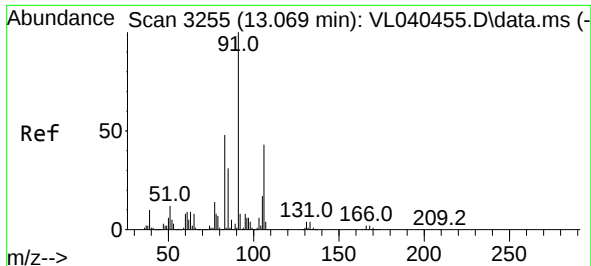
Tgt Ion: 91 Resp: 7069675

Ion Ratio Lower Upper

91 100

106 48.2 34.6 52.0

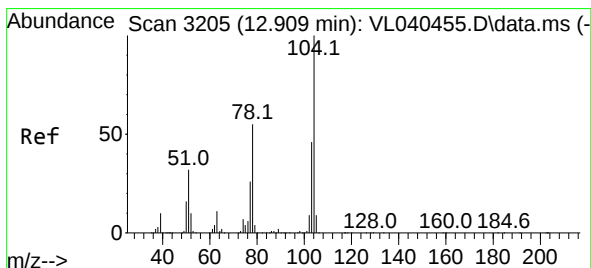
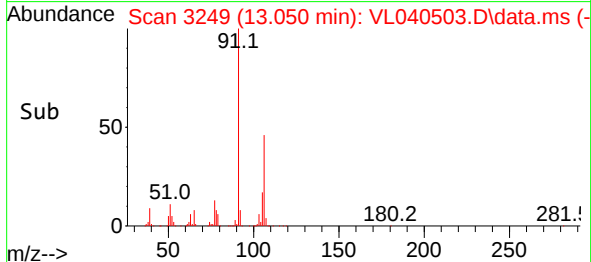
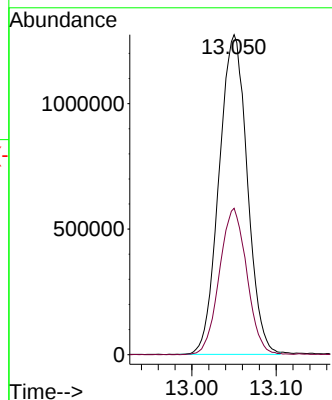
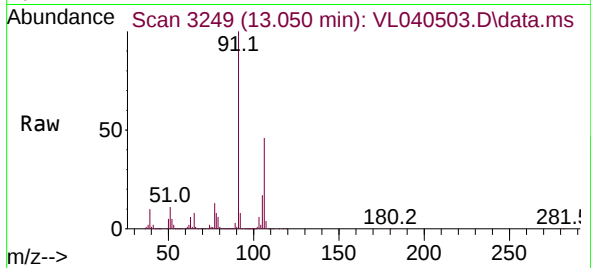




#60
o-Xylene
Concen: 11.686 ppbv
RT: 13.050 min Scan# 3197
Delta R.T. -0.019 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

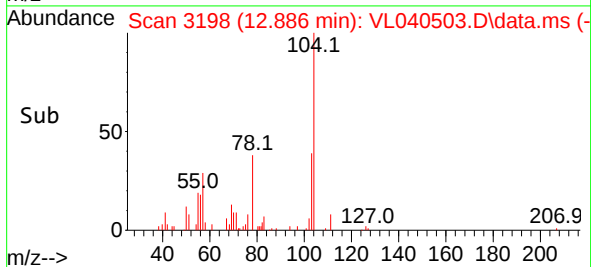
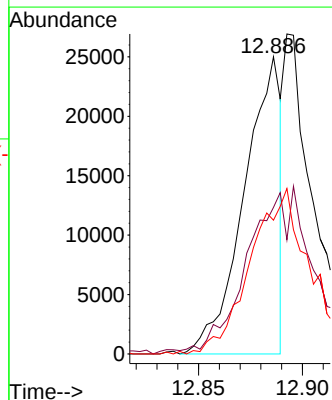
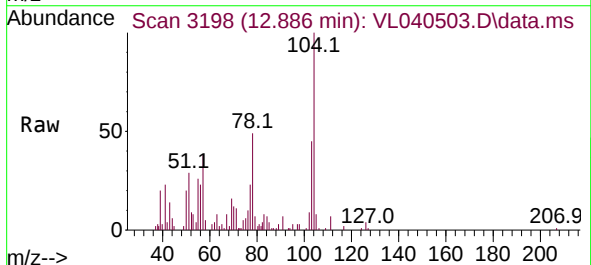
Instrument :
MSVOA_L
ClientSampleId :
SV-3

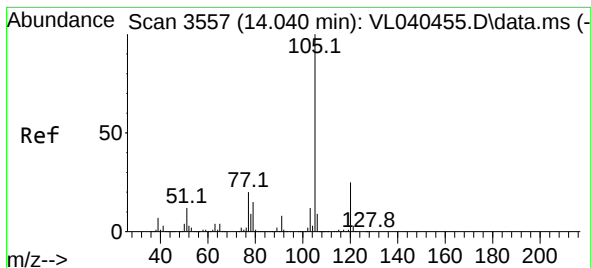
Tgt Ion: 91 Resp: 2960678
Ion Ratio Lower Upper
91 100
106 44.5 22.1 66.1



#61
Styrene
Concen: 0.281 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.022 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 104 Resp: 30654
Ion Ratio Lower Upper
104 100
78 0.0 43.1 64.7#
103 0.0 37.1 55.7#





#62

Isopropylbenzene

Concen: 1.965 ppbv

RT: 14.021 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

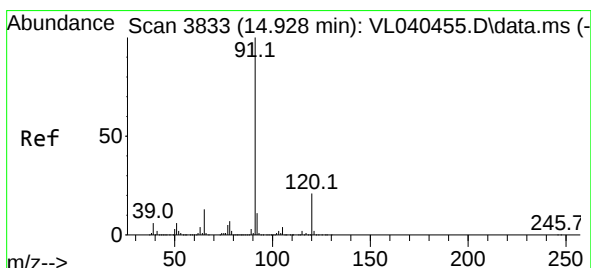
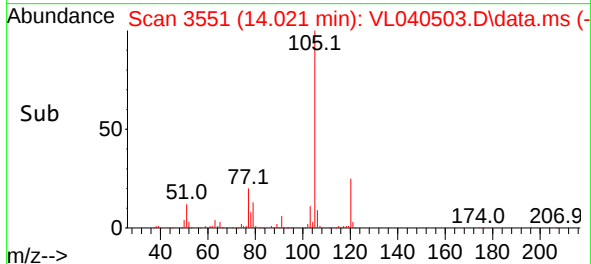
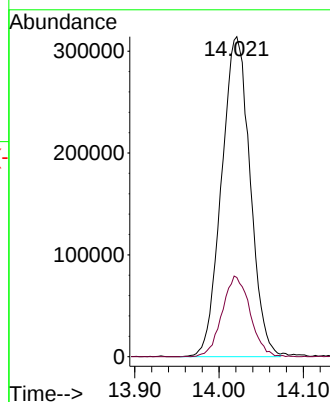
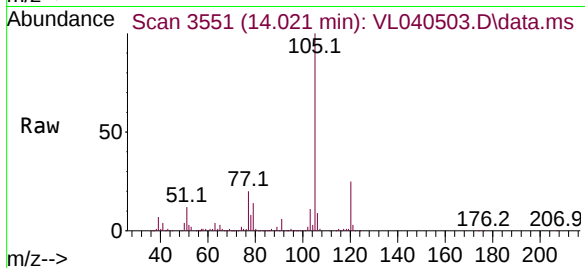
SV-3

Tgt Ion:105 Resp: 739853

Ion Ratio Lower Upper

105 100

120 24.6 20.2 30.4



#64

n-propylbenzene

Concen: 1.569 ppbv

RT: 14.908 min Scan# 3827

Delta R.T. -0.019 min

Lab File: VL040503.D

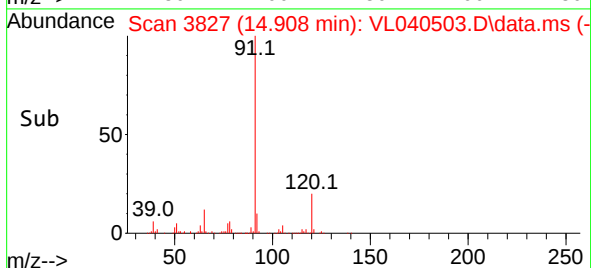
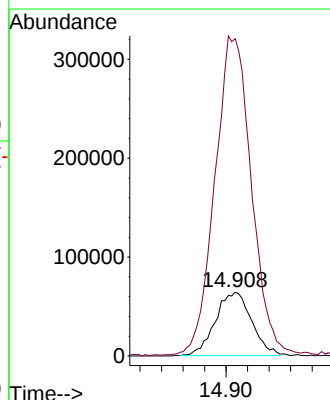
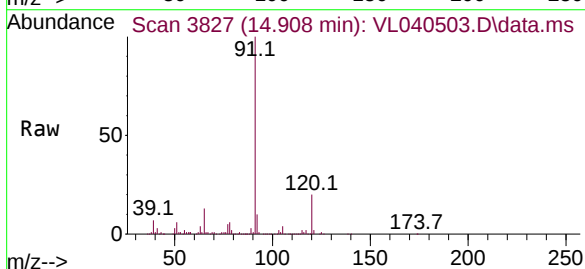
Acq: 23 Jun 2023 11:32

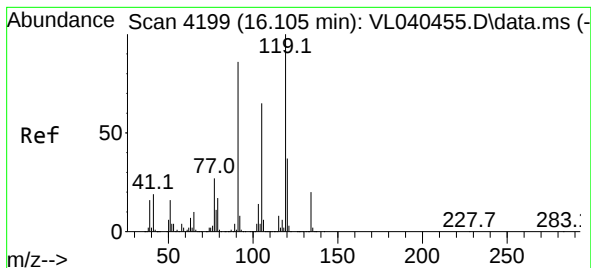
Tgt Ion:120 Resp: 150045

Ion Ratio Lower Upper

120 100

91 512.1 388.5 582.7





#65

tert-Butylbenzene

Concen: 1.037 ppbv

RT: 16.095 min Scan# 4199

Delta R.T. -0.010 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

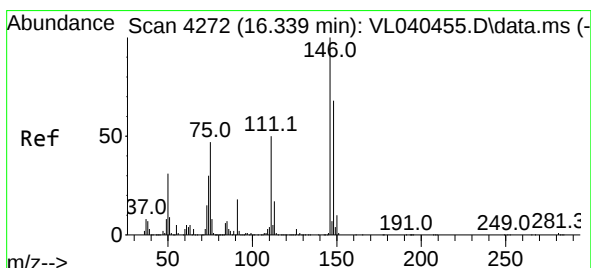
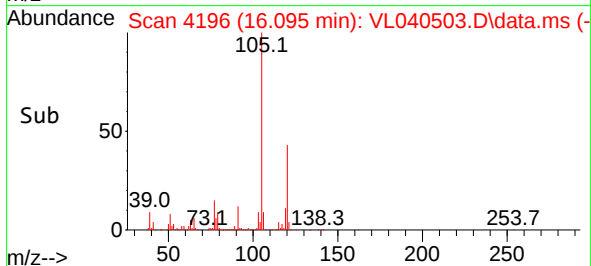
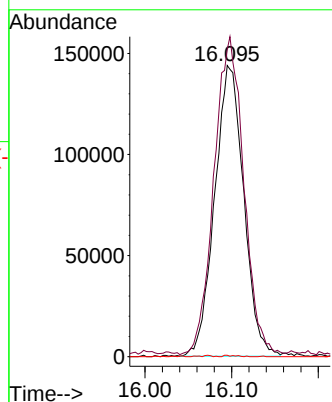
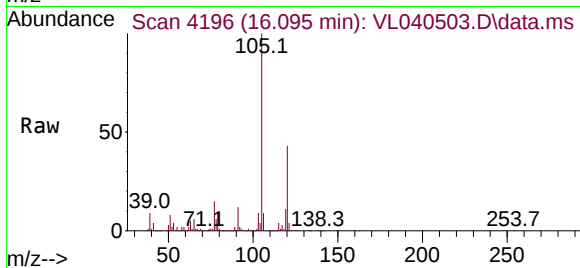
Tgt Ion:119 Resp: 335123

Ion Ratio Lower Upper

119 100

91 113.8 70.5 105.7#

134 0.2 15.6 23.4#



#66

Benzyl Chloride

Concen: 0.580 ppbv

RT: 16.539 min Scan# 4334

Delta R.T. 0.199 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

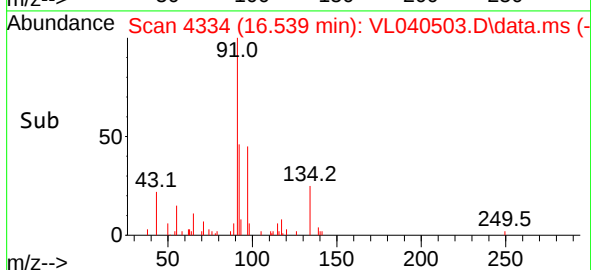
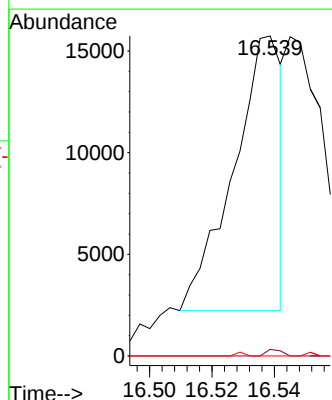
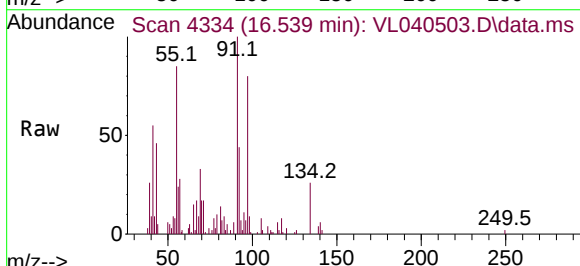
Tgt Ion: 91 Resp: 14449

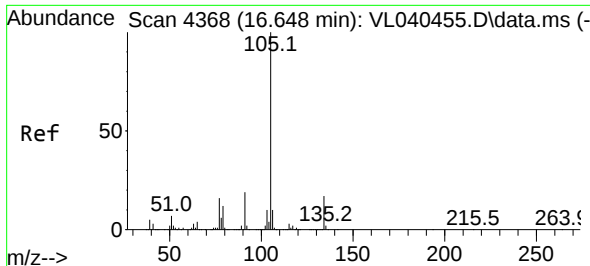
Ion Ratio Lower Upper

91 100

126 6.6 13.2 19.8#

128 0.0 4.6 6.8#

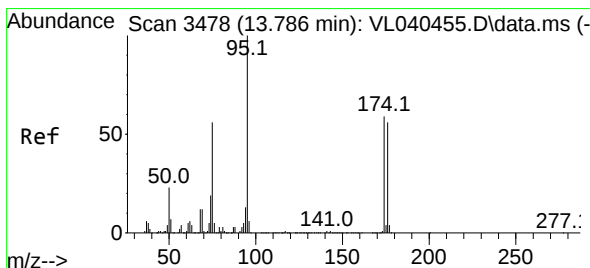
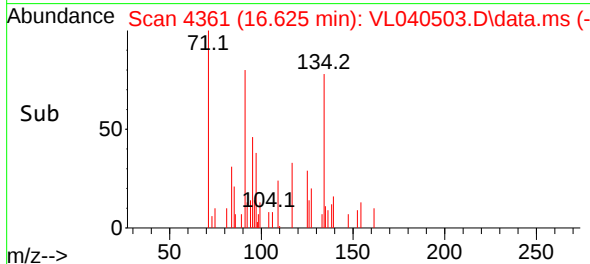
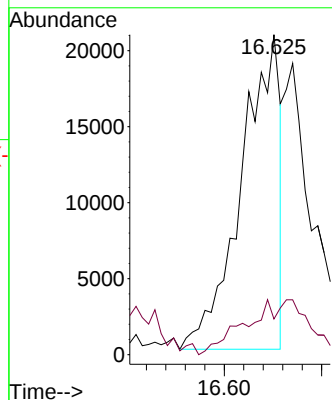
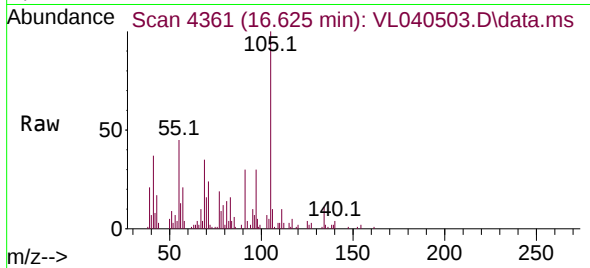




#67
 sec-Butylbenzene
 Concen: 0.060 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

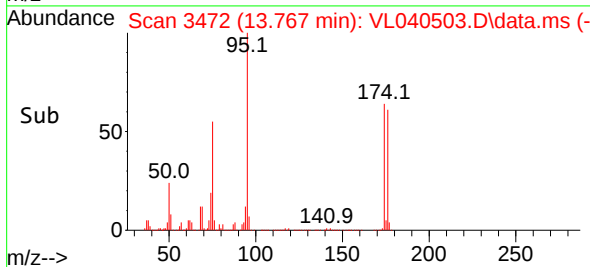
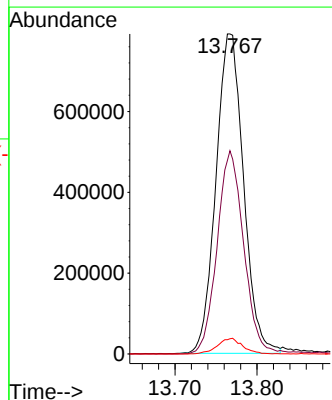
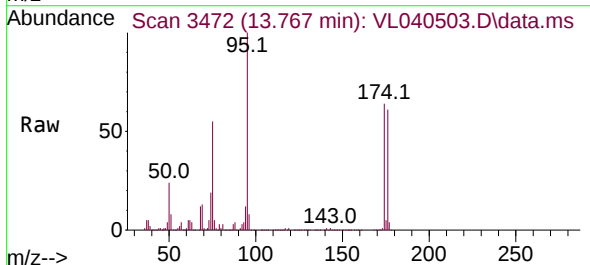
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

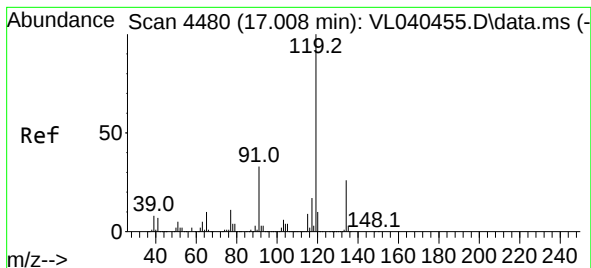
Tgt Ion:105 Resp: 28446
 Ion Ratio Lower Upper
 105 100
 134 29.3 14.0 21.0#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.346 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.019 min
 Lab File: VL040503.D
 Acq: 23 Jun 2023 11:32

Tgt Ion: 95 Resp: 1850229
 Ion Ratio Lower Upper
 95 100
 174 61.9 47.7 71.5
 175 4.6 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.047 ppbv

RT: 16.979 min Scan# 4471

Delta R.T. -0.029 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

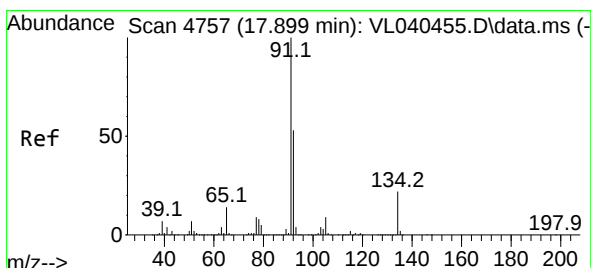
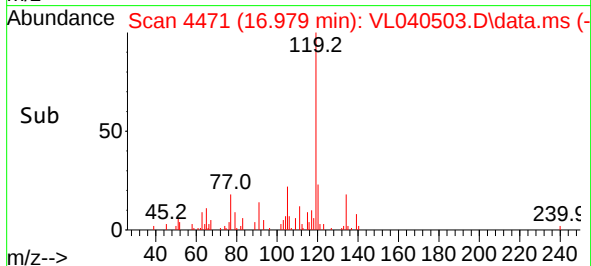
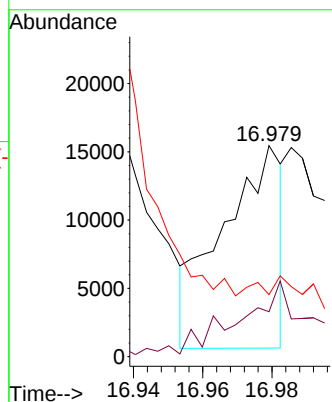
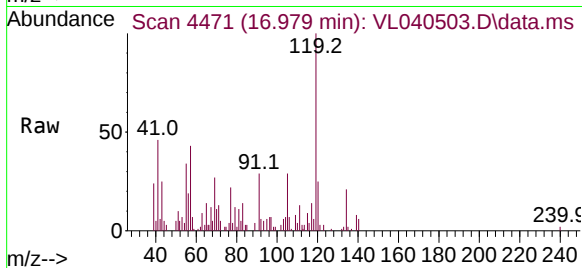
Tgt Ion:119 Resp: 17644

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 0.0 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.246 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. -0.019 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

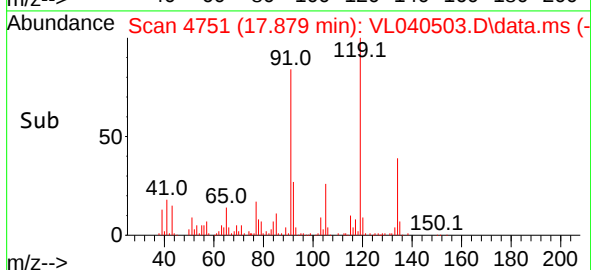
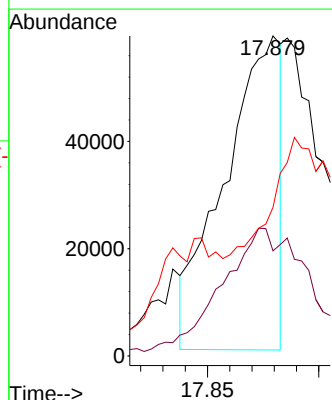
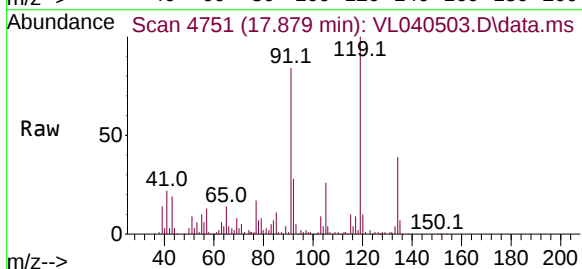
Tgt Ion: 91 Resp: 103012

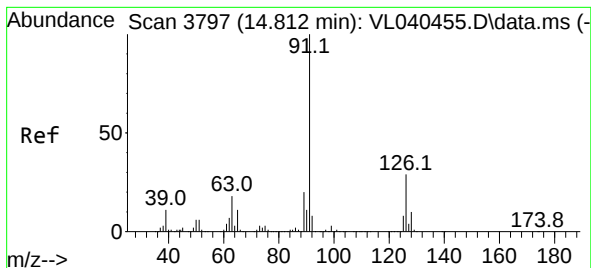
Ion Ratio Lower Upper

91 100

92 66.5 42.7 64.1#

134 0.0 16.9 25.3#

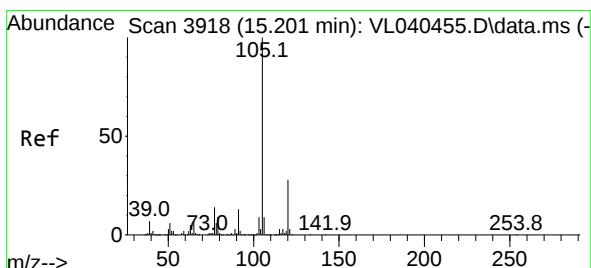
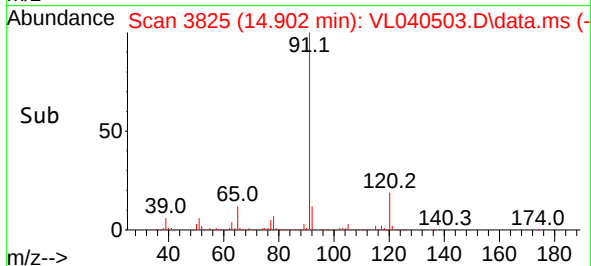
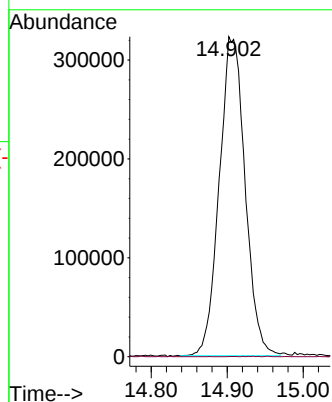
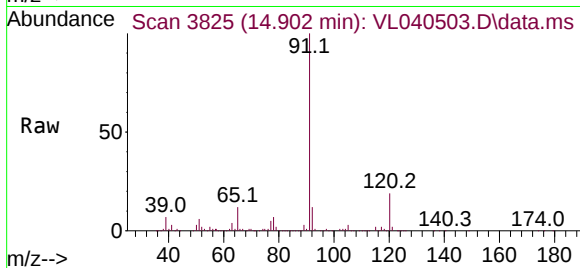




#71
2-Chlorotoluene
Concen: 2.717 ppbv
RT: 14.902 min Scan# 31
Delta R.T. 0.090 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

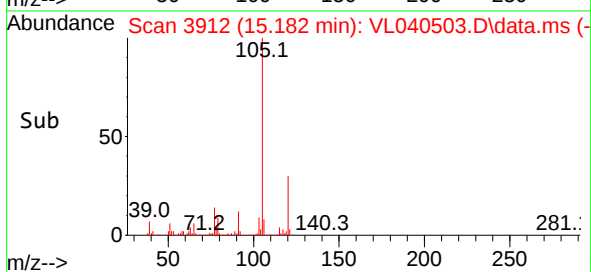
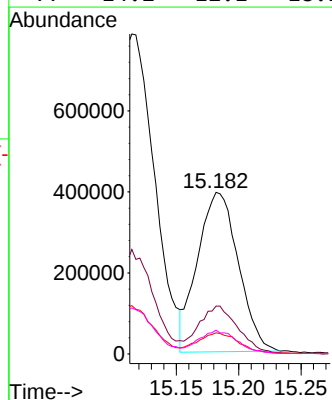
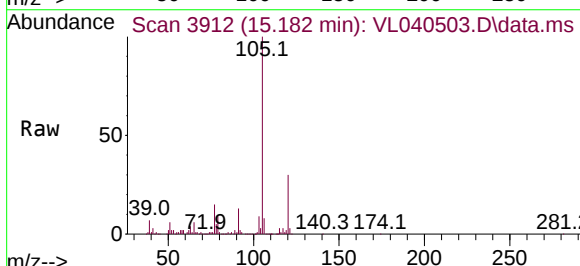
Instrument :
MSVOA_L
ClientSampleId :
SV-3

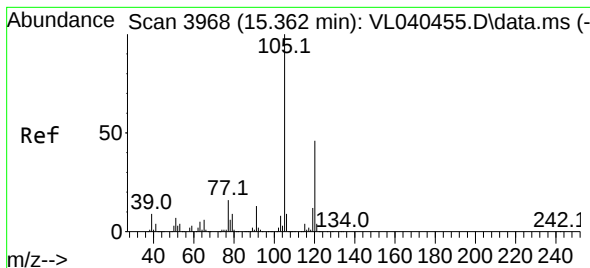
Tgt Ion: 91 Resp: 759721
Ion Ratio Lower Upper
91 100
126 0.1 12.0 48.2#



#72
4-Ethyltoluene
Concen: 3.138 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.019 min
Lab File: VL040503.D
Acq: 23 Jun 2023 11:32

Tgt Ion: 105 Resp: 895533
Ion Ratio Lower Upper
105 100
120 30.6 23.4 35.0
91 13.7 11.1 16.7
77 14.2 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 2.817 ppbv

RT: 15.343 min Scan# 3962

Delta R.T. -0.019 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

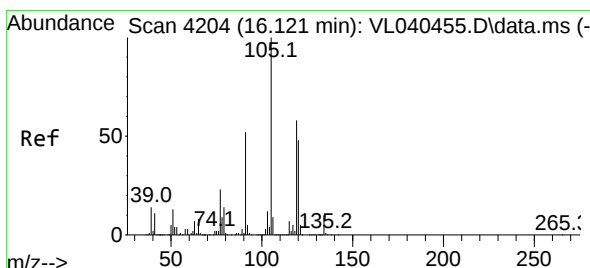
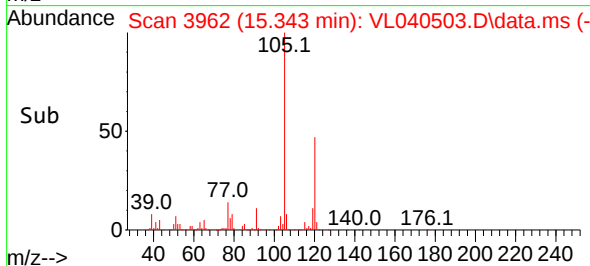
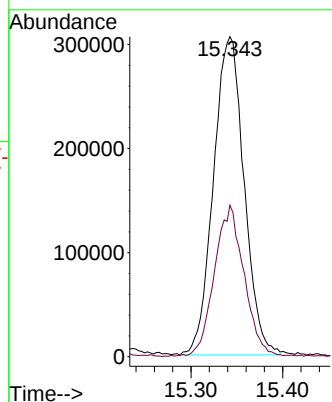
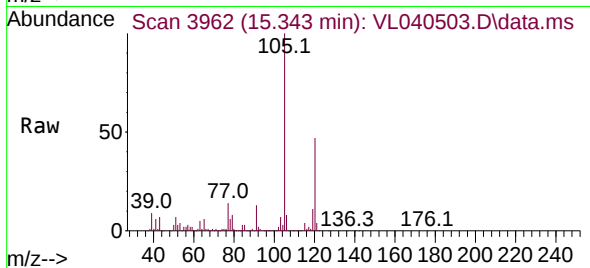
SV-3

Tgt Ion:105 Resp: 710323

Ion Ratio Lower Upper

105 100

120 47.1 36.4 54.6



#74

1,2,4-Trimethylbenzene

Concen: 10.341 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.026 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Tgt Ion:105 Resp: 3068226

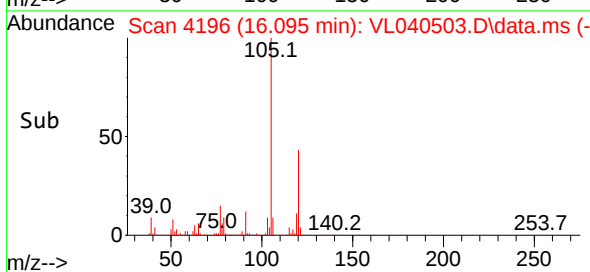
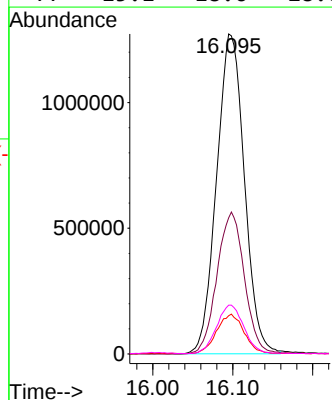
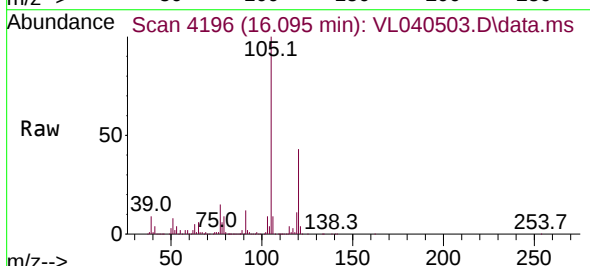
Ion Ratio Lower Upper

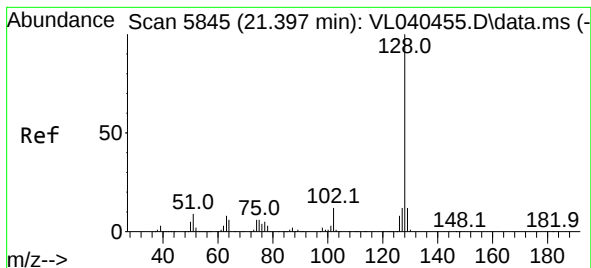
105 100

120 42.6 38.4 57.6

91 11.8 41.3 61.9#

77 15.1 18.6 28.0#





#79

Naphthalene

Concen: 1.078 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.019 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Instrument :

MSVOA_L

ClientSampleId :

SV-3

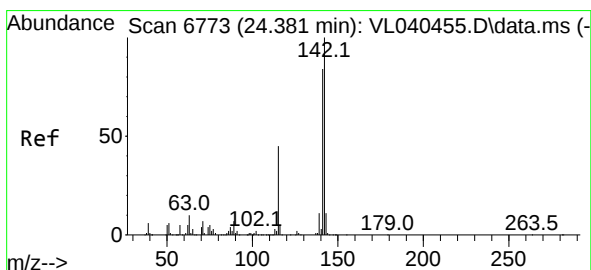
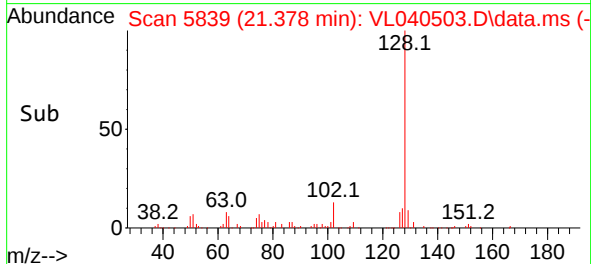
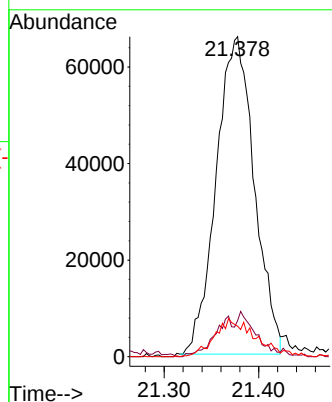
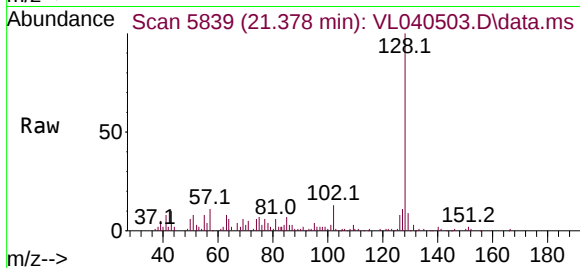
Tgt Ion:128 Resp: 184254

Ion Ratio Lower Upper

128 100

127 11.4 9.9 14.9

129 9.6 9.2 13.8



#80

Naphthalene,2-methyl-

Concen: 0.225 ppbv

RT: 24.709 min Scan# 6875

Delta R.T. 0.328 min

Lab File: VL040503.D

Acq: 23 Jun 2023 11:32

Tgt Ion:142 Resp: 11529

Ion Ratio Lower Upper

142 100

141 86.9 65.4 98.0

115 45.2 36.6 55.0

