

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040701.D
 Acq On : 18 Sep 2023 16:24
 Operator : SY/MD
 Sample : 04402-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-3

Quant Time: Sep 19 05:19:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1043552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2672014	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2204657	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1728577	10.148	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	116344	0.506	ppbv	100
3) Chlorodifluoromethane	2.668	51	327165	1.924	ppbv #	64
4) Chloromethane	2.829	50	37636	0.578	ppbv	93
6) Bromomethane	3.131	94	1659	0.045	ppbv #	32
9) Propene	2.716	41	49513	1.011	ppbv	87
10) Heptane	7.597	43	59298	0.537	ppbv	99
11) Trichlorofluoromethane	3.574	101	24056	0.119	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.082	101	5826	0.040	ppbv #	36
13) Ethanol	3.253	45	1991487	137.379	ppbv	96
15) Acetone	3.481	43	3150758	22.890	ppbv	94
16) 1,3-Butadiene	2.980	39	19466	0.324	ppbv #	9
17) tert-Butyl alcohol	3.902	59	40475	0.287	ppbv #	71
19) Isopropyl Alcohol	3.594	45	364868	4.399	ppbv #	1
20) Methylene Chloride	3.951	84	3049006	41.155	ppbv	98
21) Allyl Chloride	3.951	41	113503	1.346	ppbv #	36
23) Vinyl Acetate	4.626	43	110306	0.775	ppbv #	25
25) Ethyl Acetate	5.227	43	1457431	6.565	ppbv #	77
26) Hexane	5.230	57	2160150	20.578	ppbv #	39
27) Carbon Disulfide	4.140	76	7817	0.053	ppbv #	1
30) Cyclohexane	6.619	84	13121	0.166	ppbv #	26
34) 2-Butanone	4.803	43	393249	2.926	ppbv	99
35) Carbon Tetrachloride	6.516	117	7066	0.039	ppbv #	81
36) Benzene	6.385	78	155799	0.787	ppbv	95
38) Trichloroethene	7.311	130	74395	0.986	ppbv #	84
39) 1,2-Dichloropropane	6.671	63	684457	8.987	ppbv #	23
41) Tetrahydrofuran	5.574	42	151094	2.193	ppbv	96
44) 2,2,4-Trimethylpentane	7.346	57	341594	1.084	ppbv #	84
50) 4-Methyl-2-Pentanone	8.204	43	21065	0.116	ppbv #	39
52) Tetrachloroethene	10.638	164	2848	0.044	ppbv #	67
53) Toluene	9.237	91	982226	4.702	ppbv	99
58) Ethyl Benzene	12.101	91	71926	0.286	ppbv #	88
59) m/p-Xylene	12.368	91	127889	0.542	ppbv #	47
60) o-Xylene	13.076	91	72750	0.323	ppbv	99
72) 4-Ethyltoluene	15.217	105	11826	0.047	ppbv #	27
73) 1,3,5-Trimethylbenzene	15.368	105	15669	0.069	ppbv #	72
74) 1,2,4-Trimethylbenzene	16.130	105	70190	0.253	ppbv #	55

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

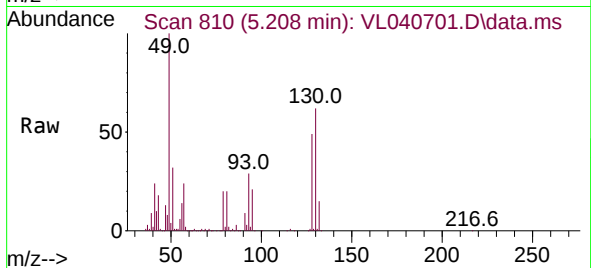
Quant Time: Sep 19 05:19:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration



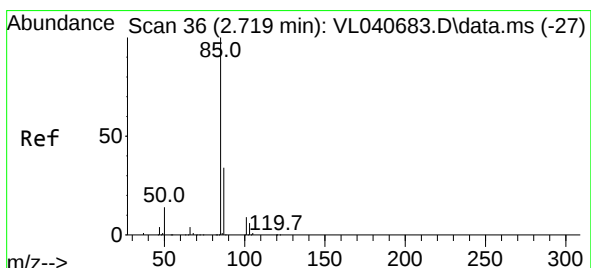
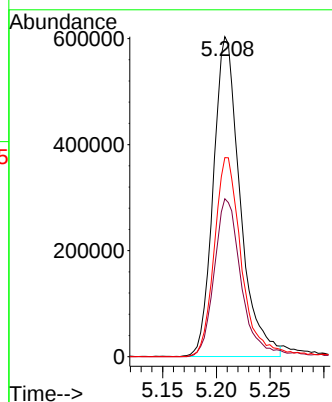
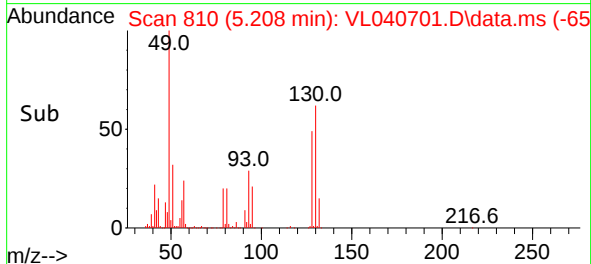


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL040701.D
 Acq: 18 Sep 2023 16:24

Instrument :
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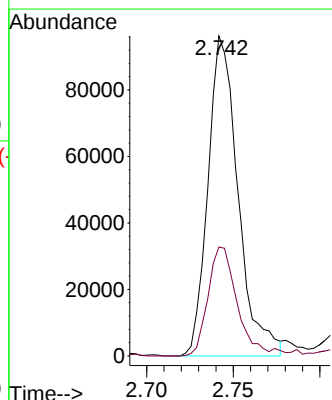
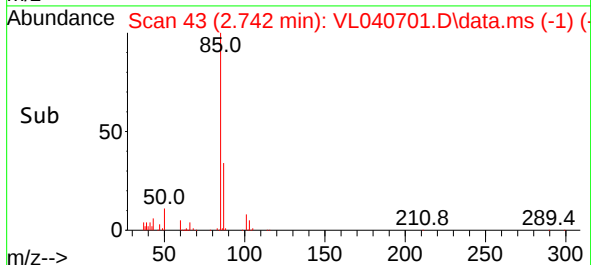
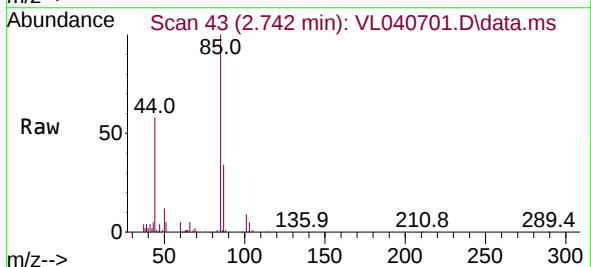


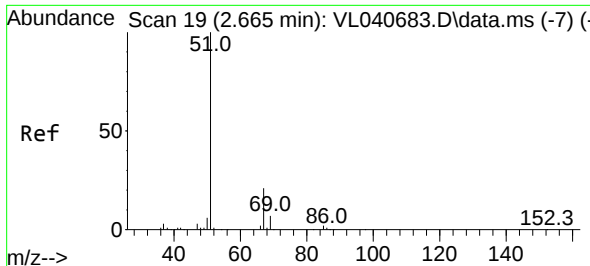
Tgt Ion: 49 Resp: 1043552
 Ion Ratio Lower Upper
 49 100
 128 51.2 25.4 76.0
 130 64.7 32.3 96.8



#2
 Dichlorodifluoromethane
 Concen: 0.506 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. 0.010 min
 Lab File: VL040701.D
 Acq: 18 Sep 2023 16:24

Tgt Ion: 85 Resp: 116344
 Ion Ratio Lower Upper
 85 100
 87 34.1 27.2 40.8

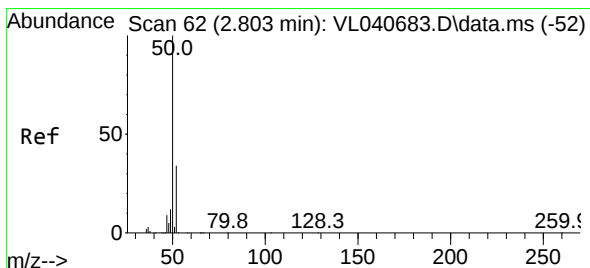
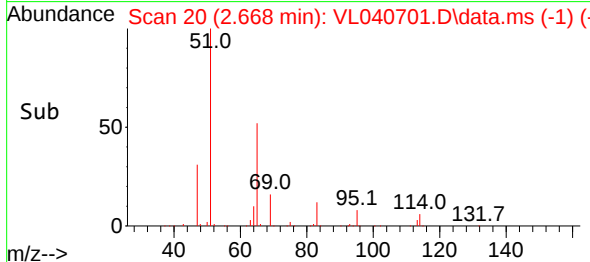
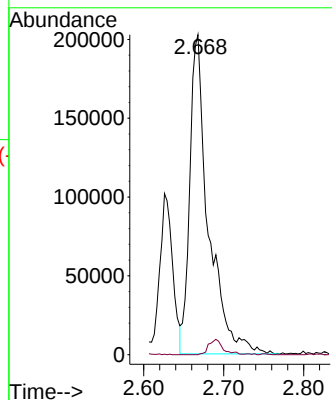
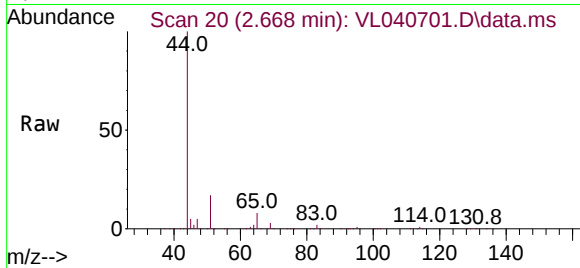




#3
Chlorodifluoromethane
Concen: 1.924 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

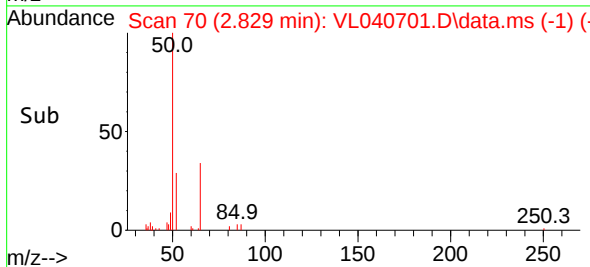
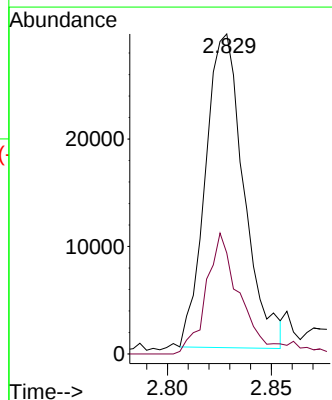
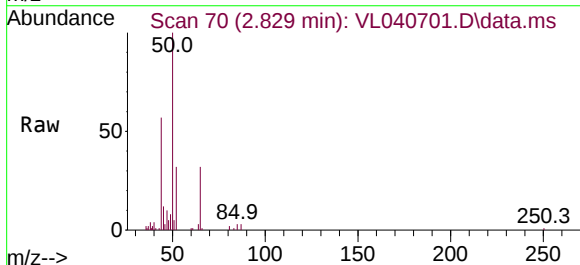
Instrument :
MSVOA_L
ClientSampleId :
ST-3

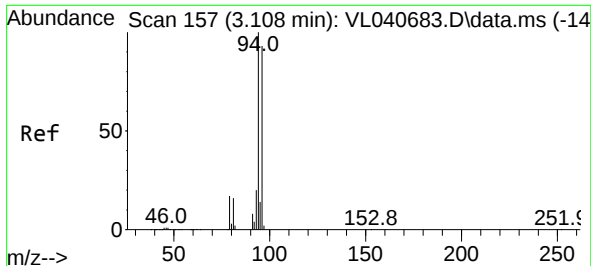
Tgt Ion: 51 Resp: 327165
Ion Ratio Lower Upper
51 100
67 3.9 16.7 25.1#



#4
Chloromethane
Concen: 0.578 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 50 Resp: 37636
Ion Ratio Lower Upper
50 100
52 30.0 27.1 40.7





#6

Bromomethane

Concen: 0.045 ppbv

RT: 3.131 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

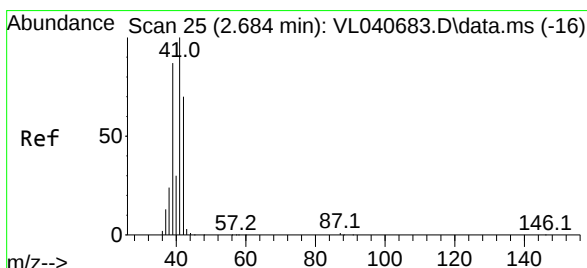
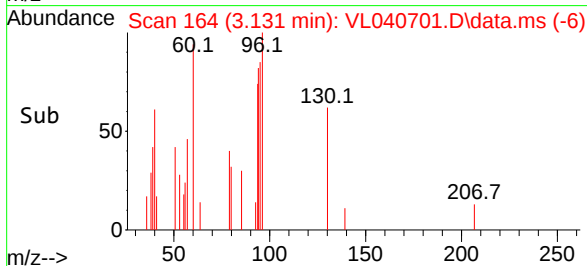
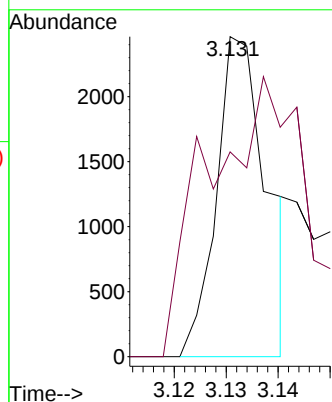
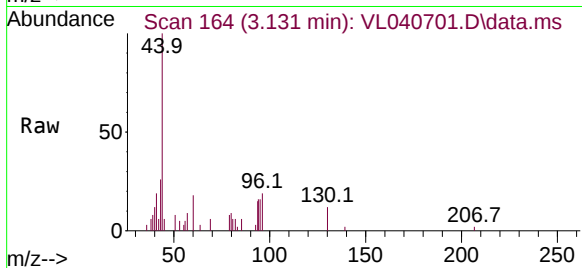
ST-3

Tgt Ion: 94 Resp: 1659

Ion Ratio Lower Upper

94 100

96 28.1 74.4 111.6#



#9

Propene

Concen: 1.011 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.019 min

Lab File: VL040701.D

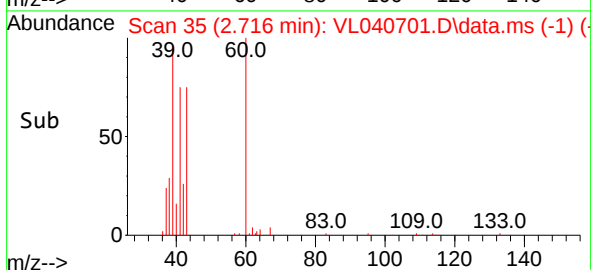
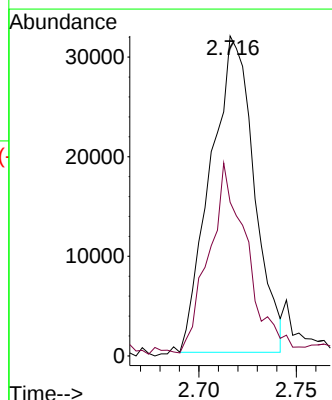
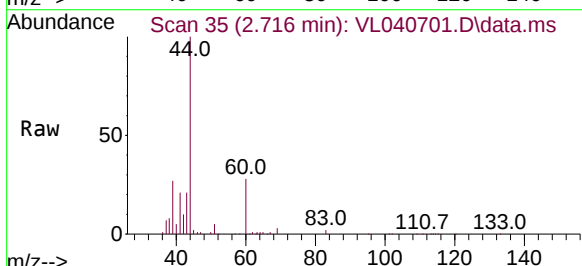
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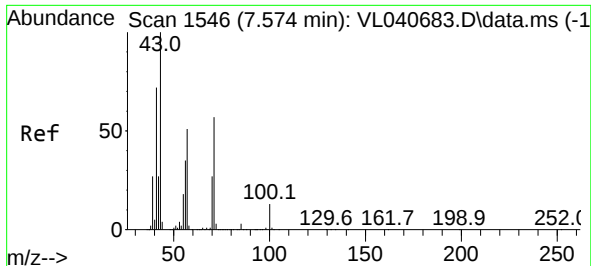
Tgt Ion: 41 Resp: 49513

Ion Ratio Lower Upper

41 100

42 60.0 56.7 85.1





#10

Heptane

Concen: 0.537 ppbv

RT: 7.597 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

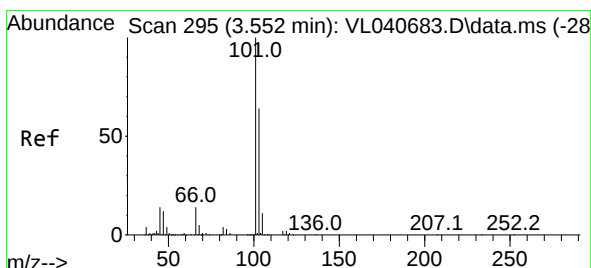
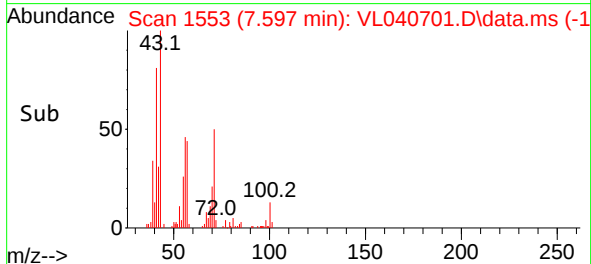
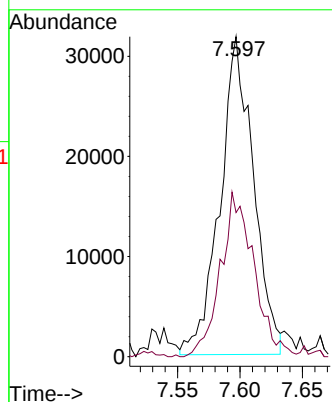
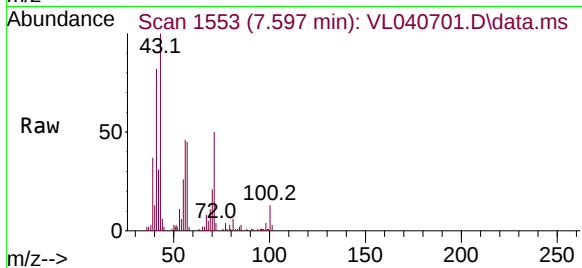
ST-3

Tgt Ion: 43 Resp: 59298

Ion Ratio Lower Upper

43 100

57 52.7 41.8 62.6



#11

Trichlorofluoromethane

Concen: 0.119 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.006 min

Lab File: VL040701.D

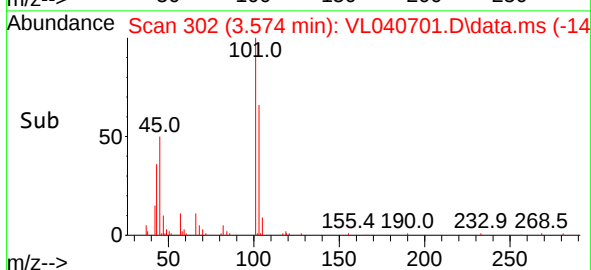
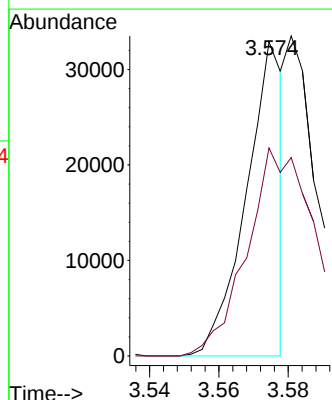
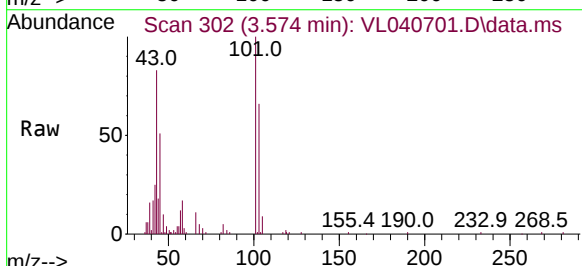
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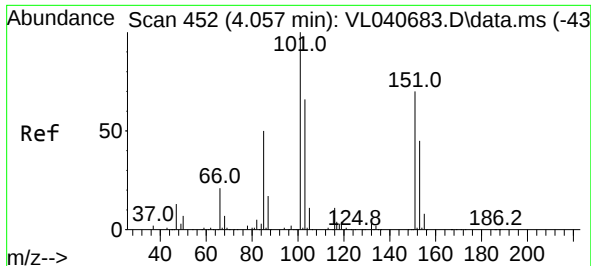
Tgt Ion: 101 Resp: 24056

Ion Ratio Lower Upper

101 100

103 66.2 51.3 76.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.040 ppbv

RT: 4.082 min Scan# 4

Delta R.T. 0.010 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

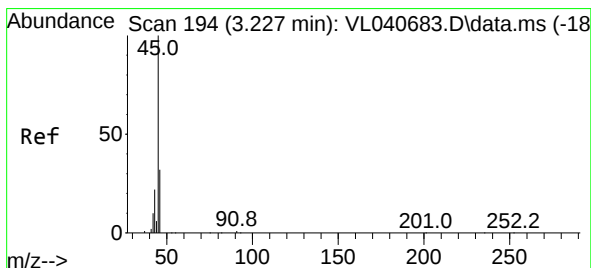
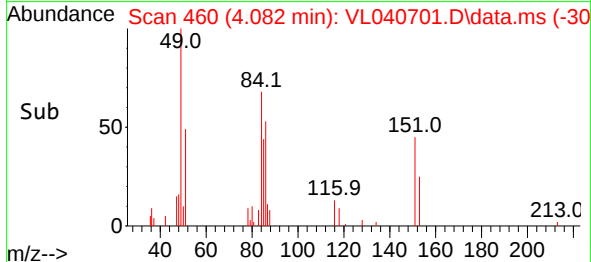
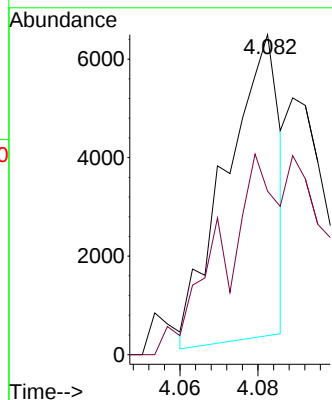
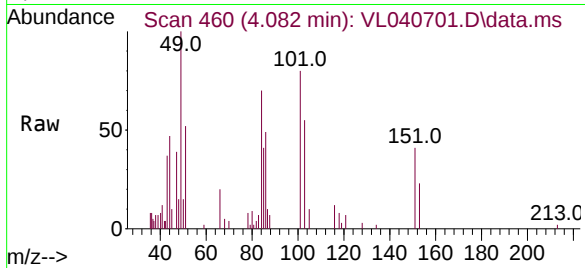
ST-3

Tgt Ion:101 Resp: 5826

Ion Ratio Lower Upper

101 100

151 124.0 56.8 85.2#



#13

Ethanol

Concen: 137.379 ppbv

RT: 3.253 min Scan# 202

Delta R.T. 0.010 min

Lab File: VL040701.D

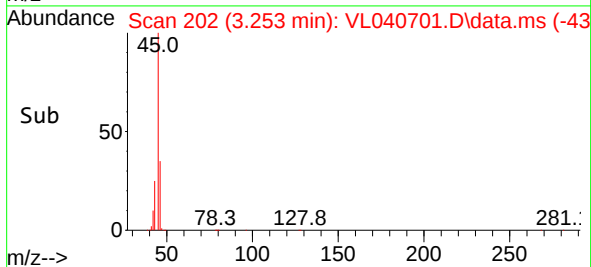
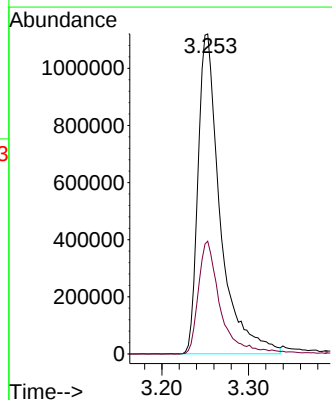
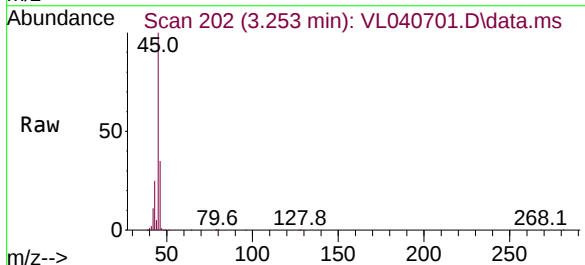
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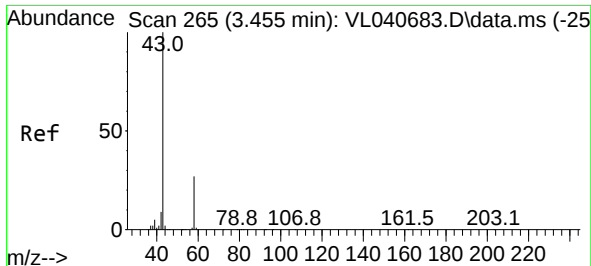
Tgt Ion: 45 Resp: 1991487

Ion Ratio Lower Upper

45 100

46 35.8 15.2 61.0

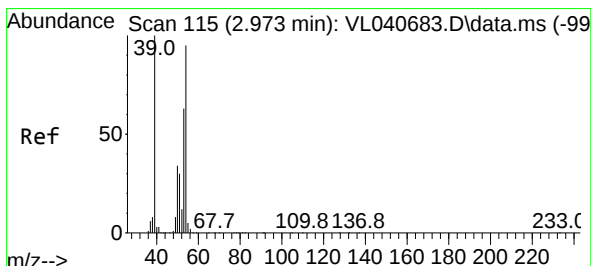
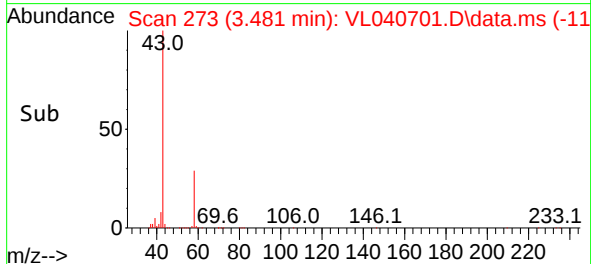
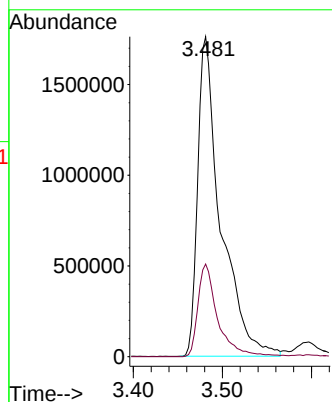
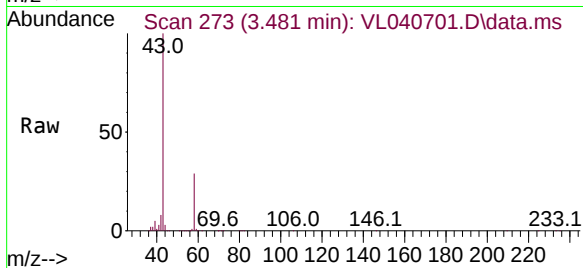




#15
Acetone
Concen: 22.890 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

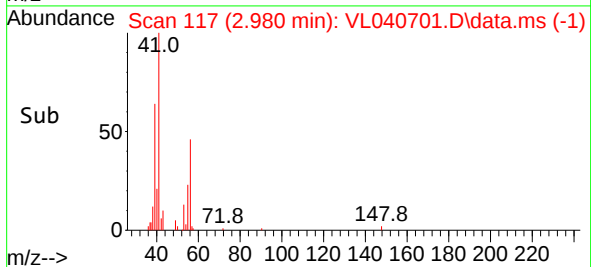
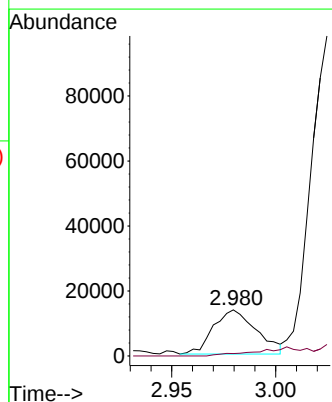
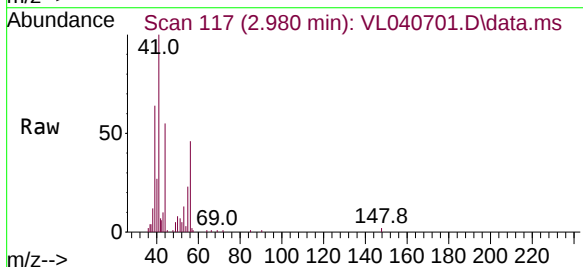
Instrument :
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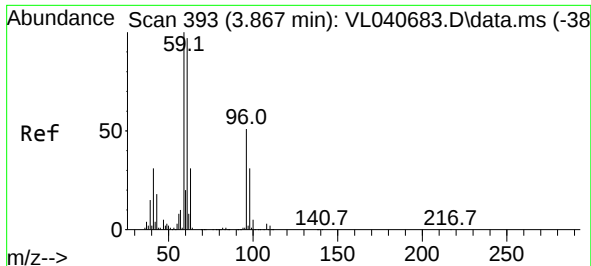
Tgt Ion: 43 Resp: 3150758
Ion Ratio Lower Upper
43 100
58 25.1 22.6 34.0



#16
1,3-Butadiene
Concen: 0.324 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 39 Resp: 19466
Ion Ratio Lower Upper
39 100
54 0.0 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.287 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.019 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

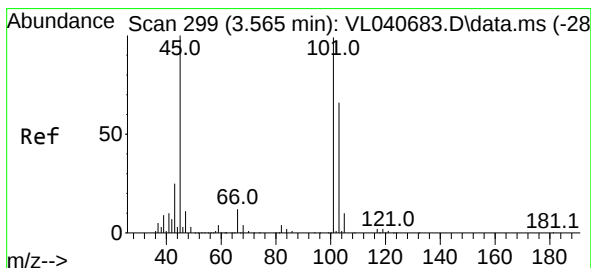
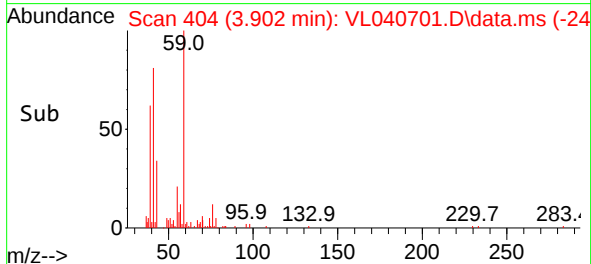
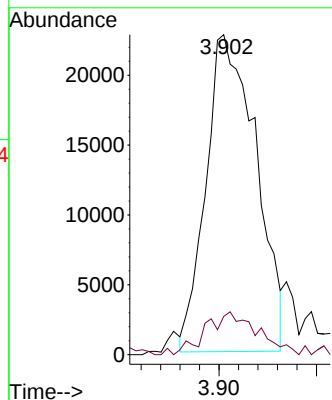
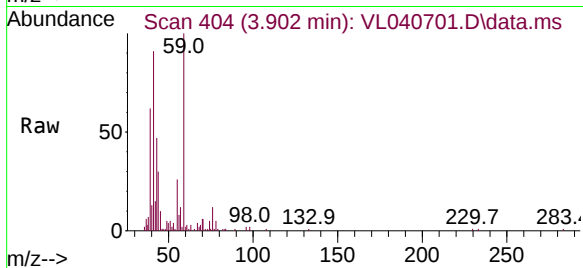
ST-3

Tgt Ion: 59 Resp: 40475

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 4.399 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.016 min

Lab File: VL040701.D

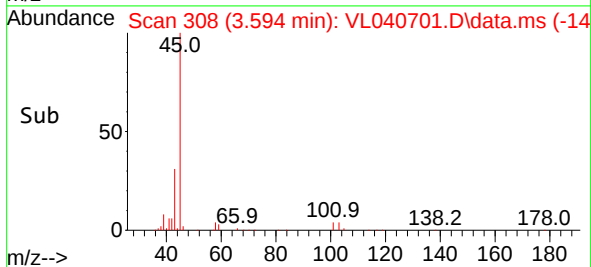
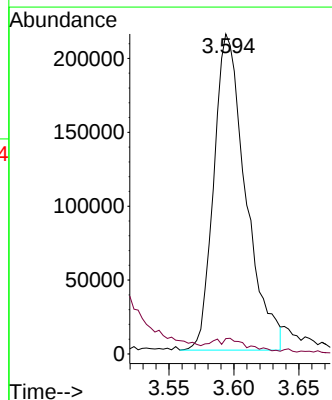
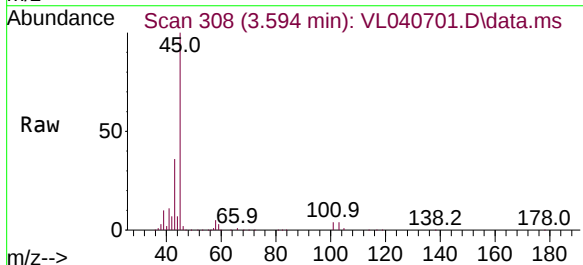
Acq: 18 Sep 2023 16:24

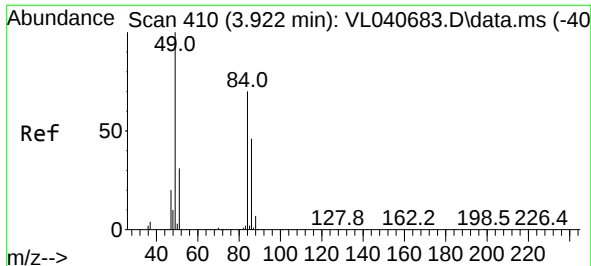
Tgt Ion: 45 Resp: 364868

Ion Ratio Lower Upper

45 100

58 216.9 1.9 2.9#





#20

Methylene Chloride

Concen: 41.155 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.013 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion: 84 Resp: 3049006

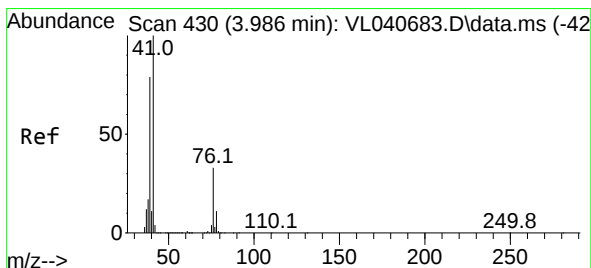
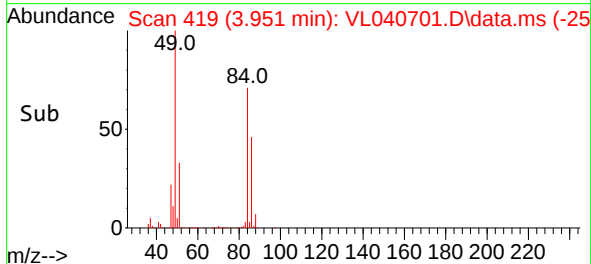
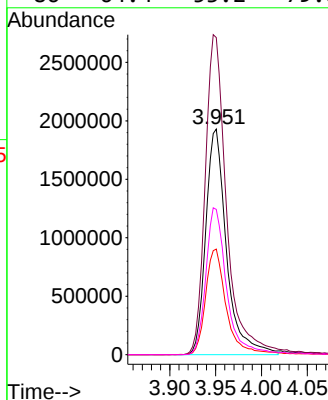
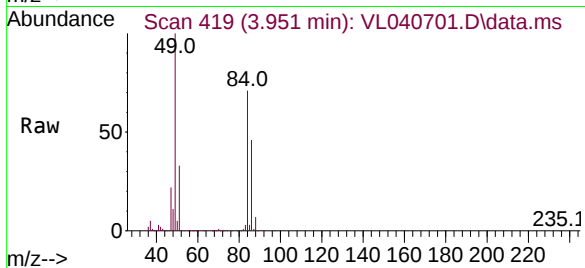
Ion Ratio Lower Upper

84 100

49 140.5 114.4 171.6

51 46.7 35.5 53.3

86 64.4 53.2 79.8



#21

Allyl Chloride

Concen: 1.346 ppbv

RT: 3.951 min Scan# 419

Delta R.T. -0.051 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

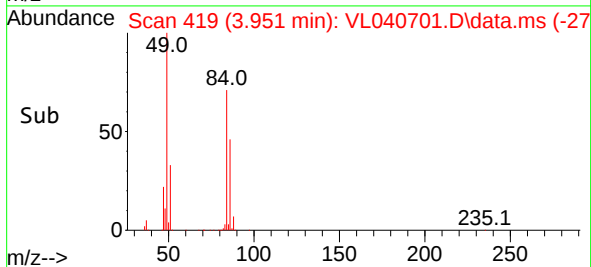
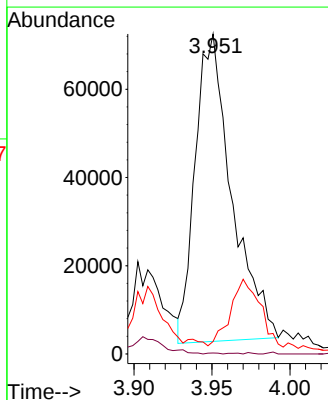
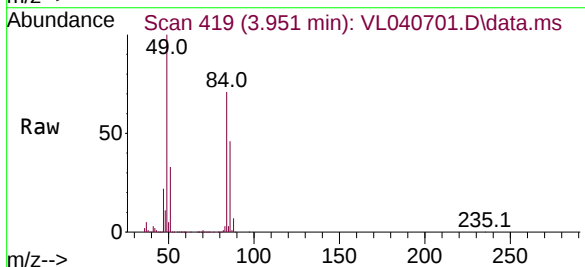
Tgt Ion: 41 Resp: 113503

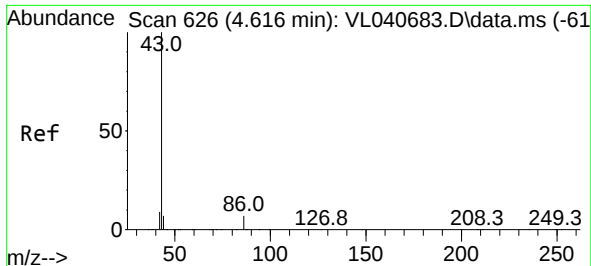
Ion Ratio Lower Upper

41 100

76 0.4 26.6 40.0#

39 22.1 65.0 97.4#



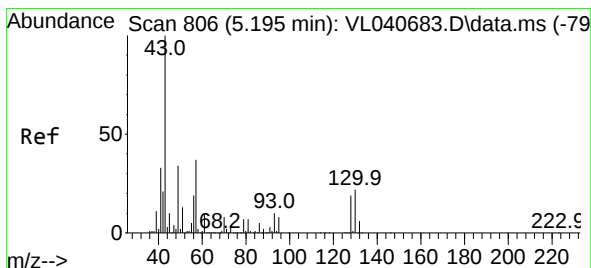
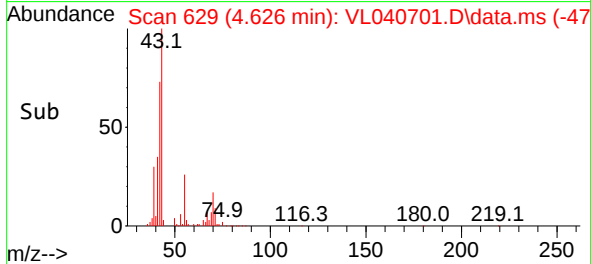
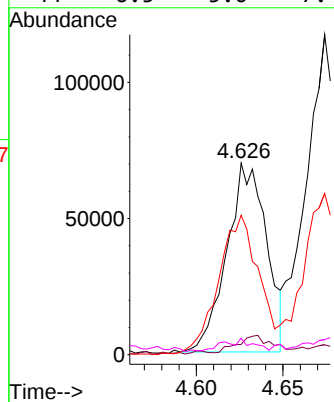
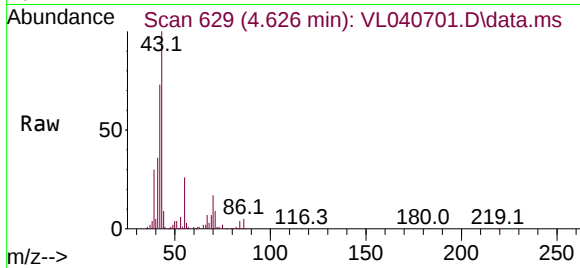


#23
 Vinyl Acetate
 Concen: 0.775 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040701.D
 Acq: 18 Sep 2023 16:24

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-3

Tgt Ion: 43 Resp: 110306

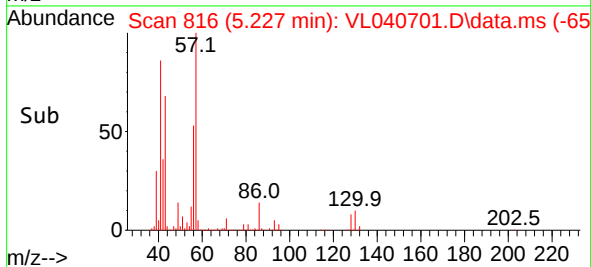
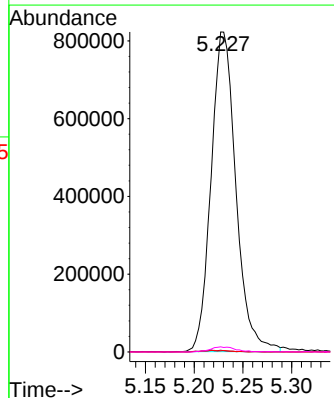
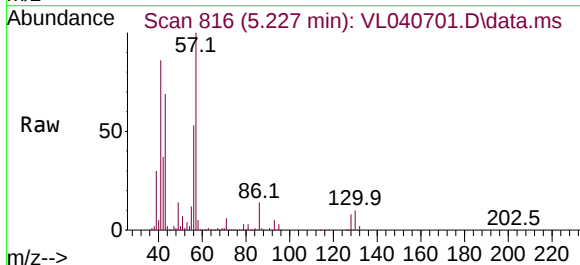
Ion	Ratio	Lower	Upper
43	100		
86	4.3	5.6	8.4#
42	72.6	7.6	11.4#
44	6.5	5.0	7.4

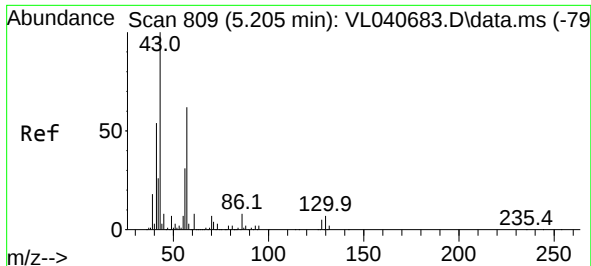


#25
 Ethyl Acetate
 Concen: 6.565 ppbv
 RT: 5.227 min Scan# 816
 Delta R.T. 0.016 min
 Lab File: VL040701.D
 Acq: 18 Sep 2023 16:24

Tgt Ion: 43 Resp: 1457431

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.2	12.4#
61	0.6	8.2	12.4#
70	1.7	5.9	8.9#

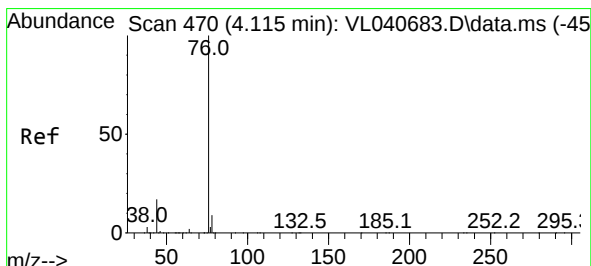
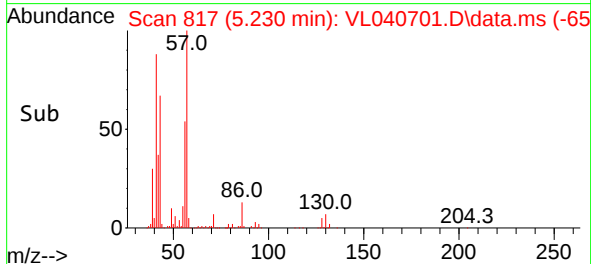
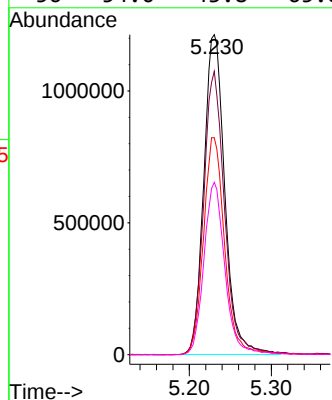
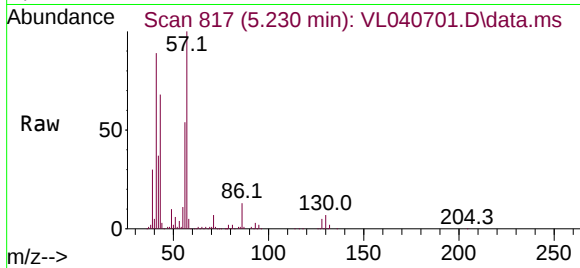




#26
Hexane
Concen: 20.578 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

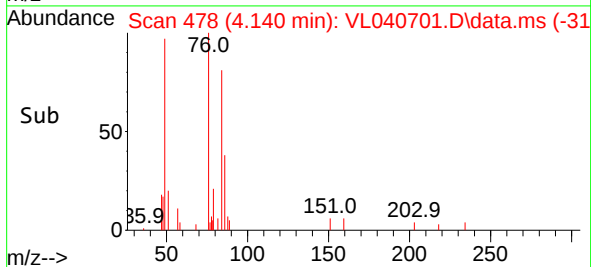
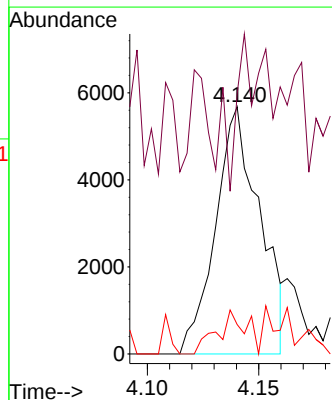
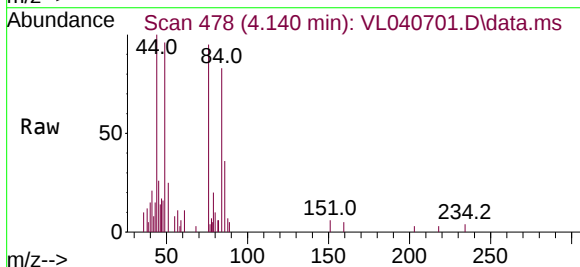
Instrument :
MSVOA_L
ClientSampleId :
ST-3

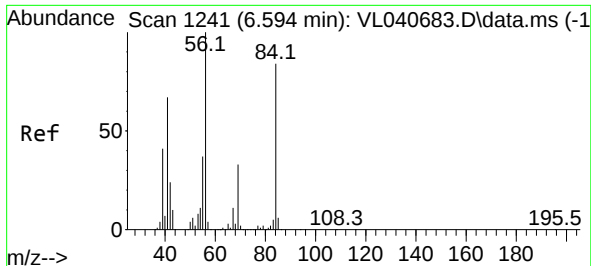
Tgt Ion: 57 Resp: 2160150
Ion Ratio Lower Upper
57 100
41 89.0 75.2 112.8
43 68.4 185.6 278.4#
56 54.0 43.8 65.8



#27
Carbon Disulfide
Concen: 0.053 ppbv
RT: 4.140 min Scan# 478
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 76 Resp: 7817
Ion Ratio Lower Upper
76 100
44 155.2 14.5 21.7#
78 11.5 7.7 11.5#

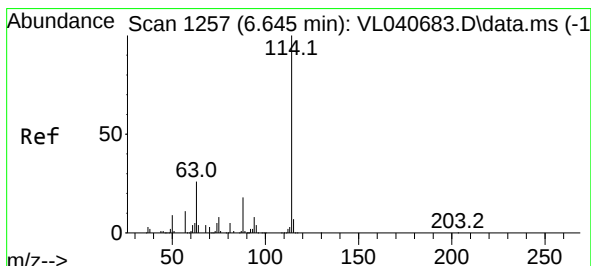
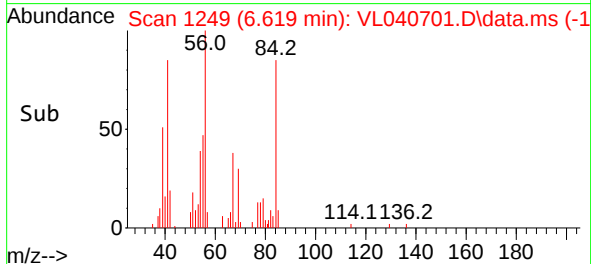
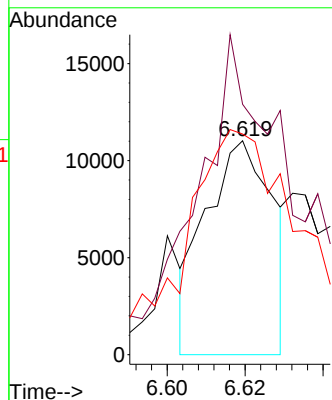
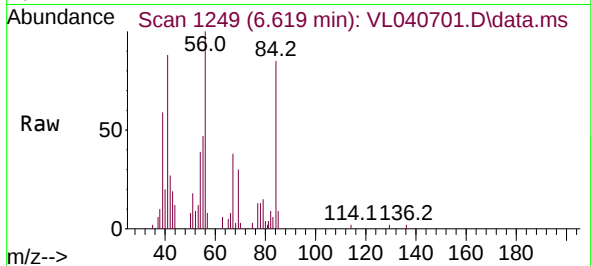




#30
Cyclohexane
Concen: 0.166 ppbv
RT: 6.619 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

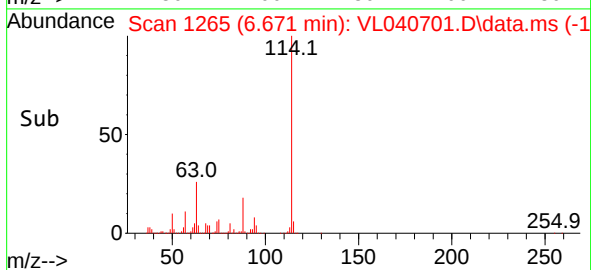
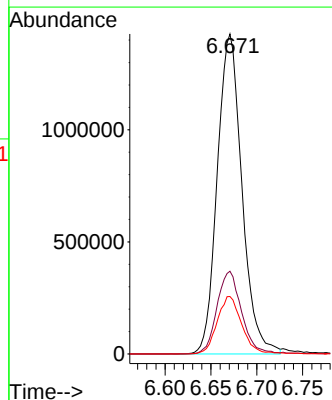
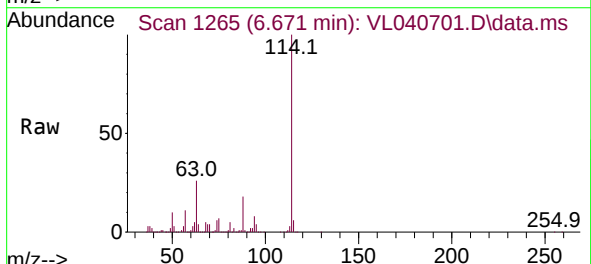
Instrument :
MSVOA_L
ClientSampleId :
ST-3

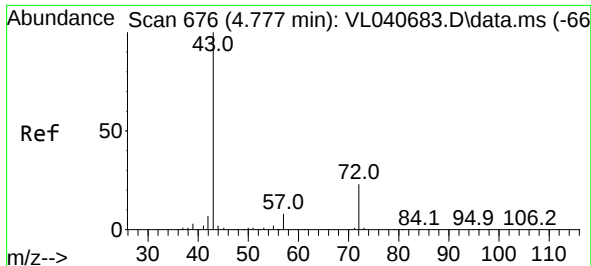
Tgt Ion: 84 Resp: 13121
Ion Ratio Lower Upper
84 100
56 187.6 103.2 154.8#
41 180.6 65.5 98.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 114 Resp: 2672014
Ion Ratio Lower Upper
114 100
63 26.0 21.1 31.7
88 18.1 14.5 21.7

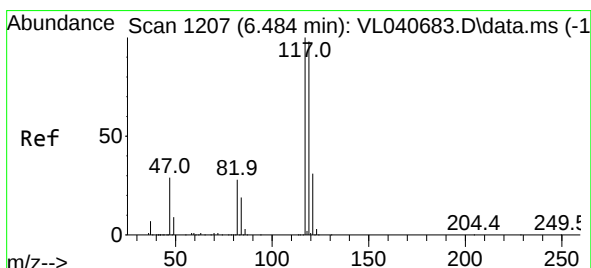
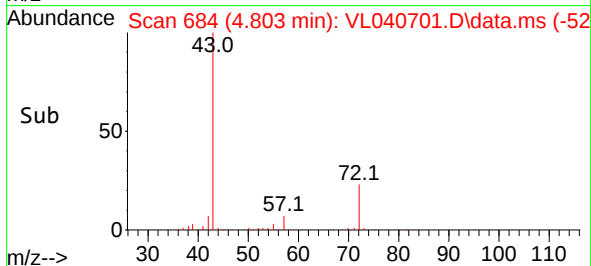
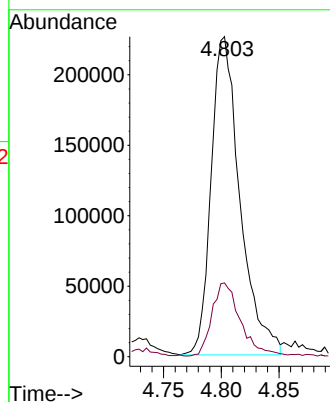
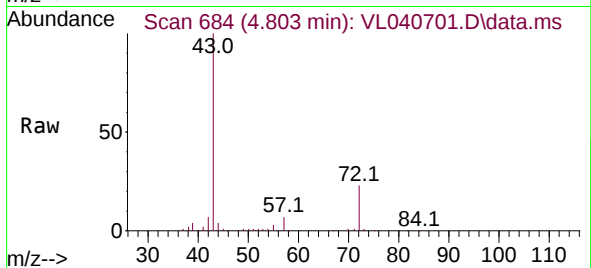




#34
2-Butanone
Concen: 2.926 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.013 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

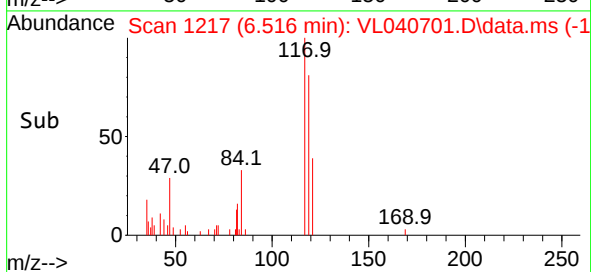
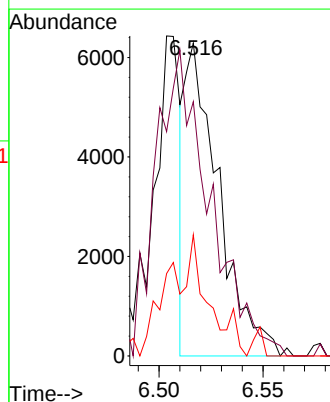
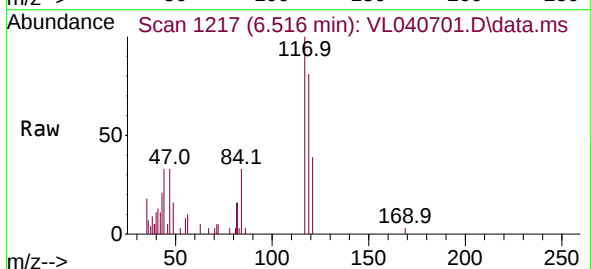
Instrument :
MSVOA_L
ClientSampleId :
ST-3

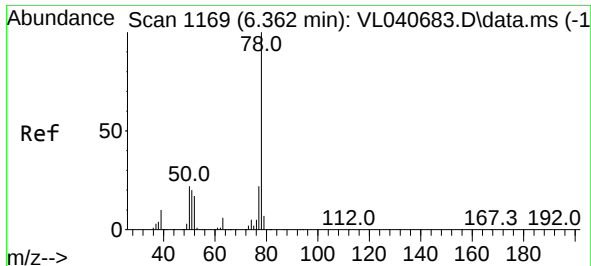
Tgt Ion: 43 Resp: 393249
Ion Ratio Lower Upper
43 100
72 23.8 18.6 27.8



#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 6.516 min Scan# 1217
Delta R.T. 0.013 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 117 Resp: 7066
Ion Ratio Lower Upper
117 100
119 77.9 78.6 117.8#
121 38.7 24.7 37.1#

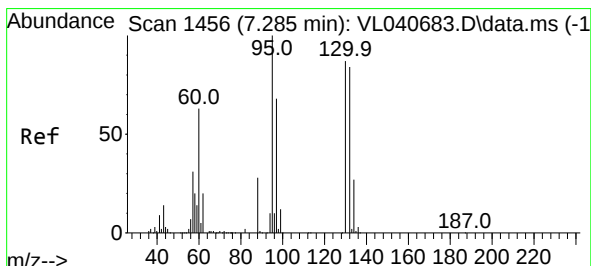
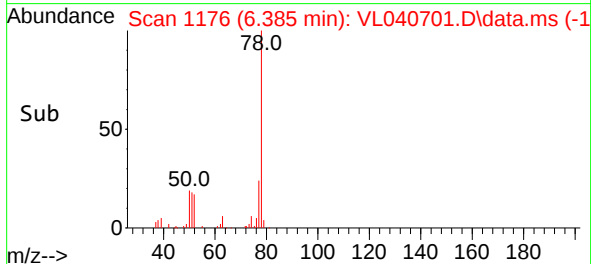
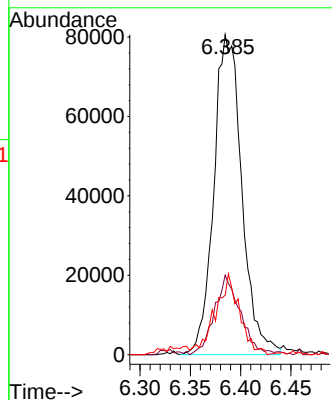
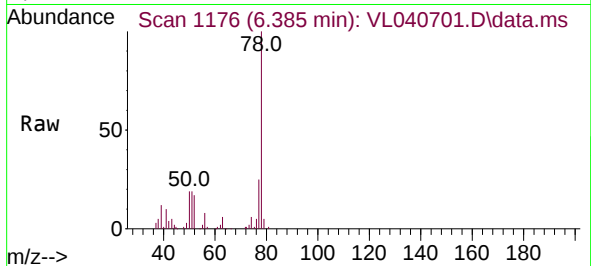




#36
Benzene
Concen: 0.787 ppbv
RT: 6.385 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

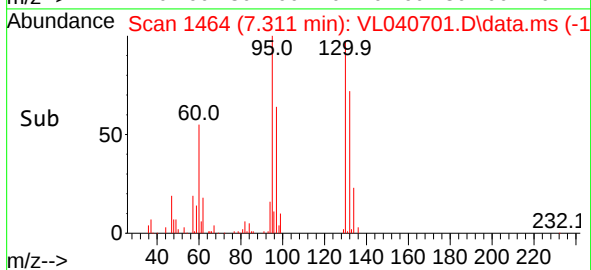
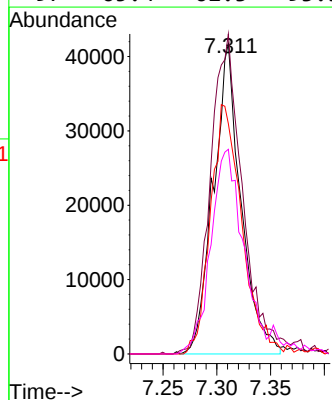
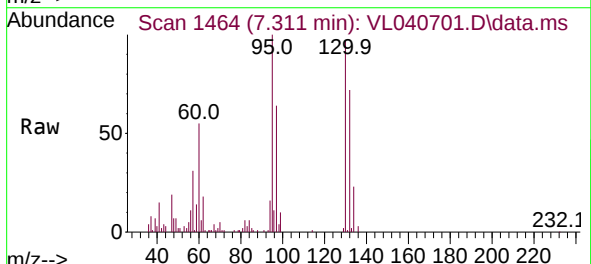
Instrument :
MSVOA_L
ClientSampleId :
ST-3

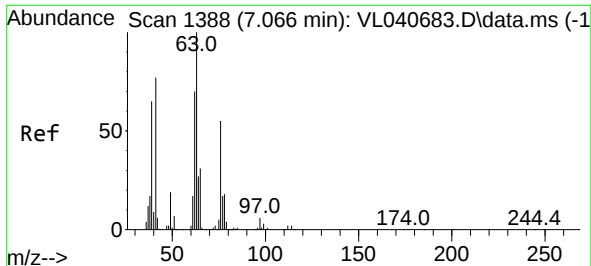
Tgt Ion: 78 Resp: 155799
Ion Ratio Lower Upper
78 100
77 24.0 17.9 26.9
50 18.0 17.3 25.9



#38
Trichloroethene
Concen: 0.986 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 130 Resp: 74395
Ion Ratio Lower Upper
130 100
95 102.0 91.9 137.9
132 74.2 77.3 115.9#
97 65.4 62.3 93.5





#39

1,2-Dichloropropane

Concen: 8.987 ppbv

RT: 6.671 min Scan# 1

Delta R.T. -0.412 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

ST-3

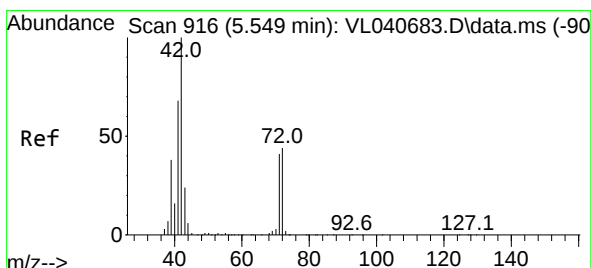
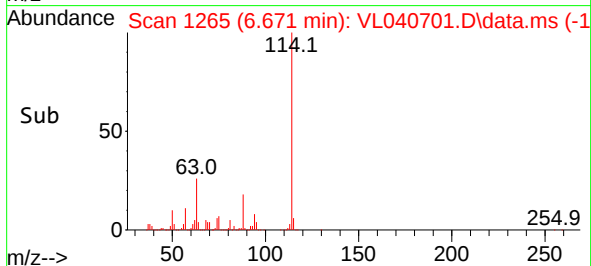
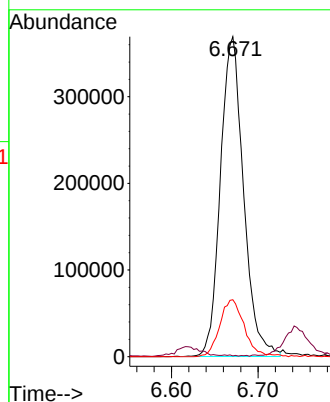
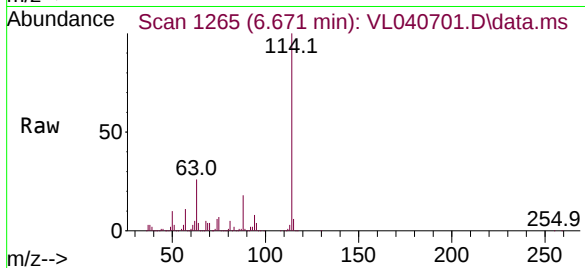
Tgt Ion: 63 Resp: 684457

Ion Ratio Lower Upper

63 100

41 0.0 61.6 92.4#

62 17.8 55.8 83.8#



#41

Tetrahydrofuran

Concen: 2.193 ppbv

RT: 5.574 min Scan# 924

Delta R.T. 0.013 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

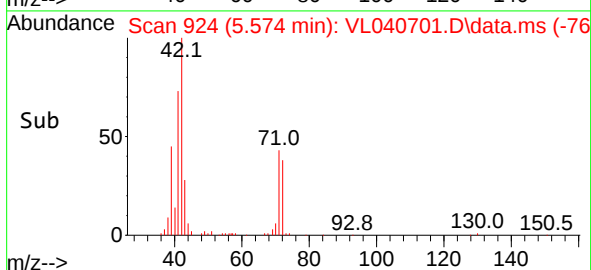
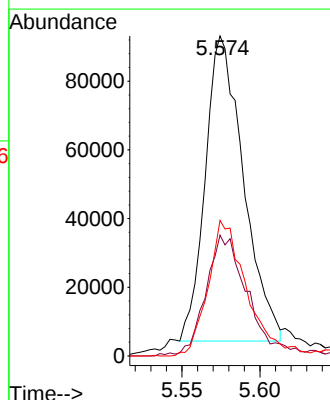
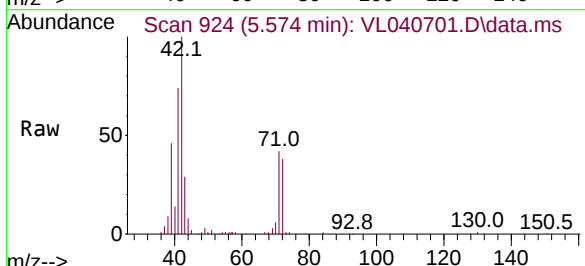
Tgt Ion: 42 Resp: 151094

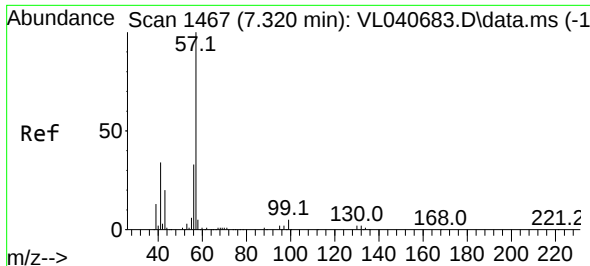
Ion Ratio Lower Upper

42 100

72 44.3 34.9 52.3

71 46.4 33.8 50.8

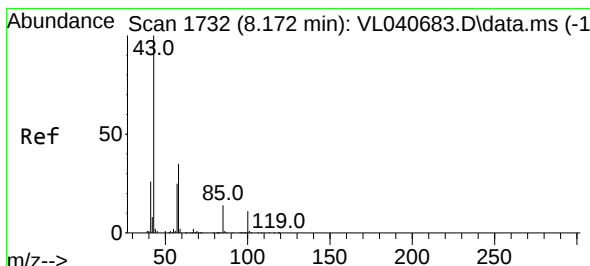
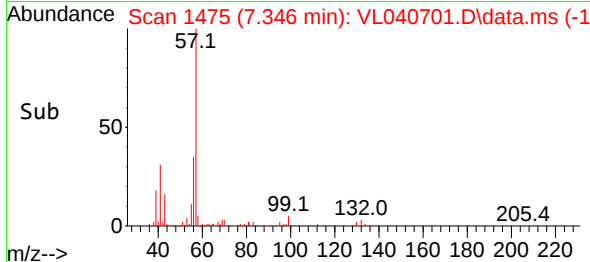
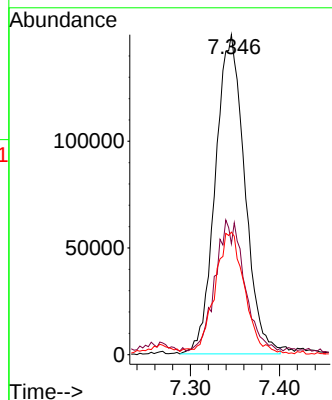
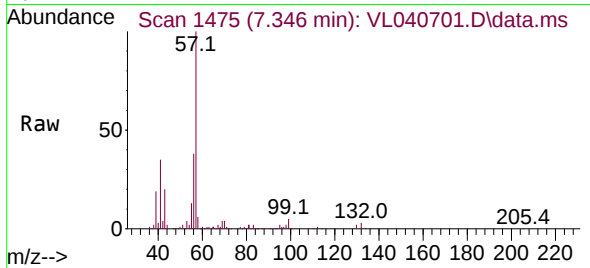




#44
2,2,4-Trimethylpentane
Concen: 1.084 ppbv
RT: 7.346 min Scan# 1467
Delta R.T. 0.010 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

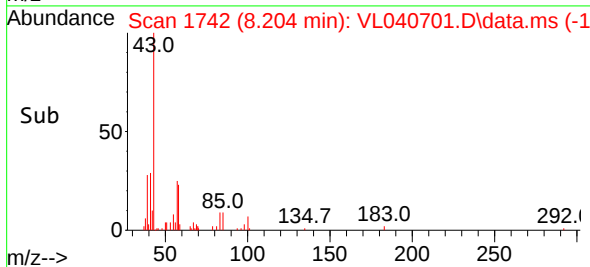
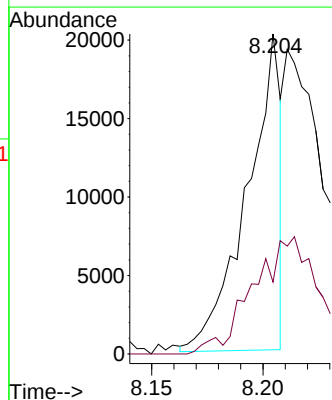
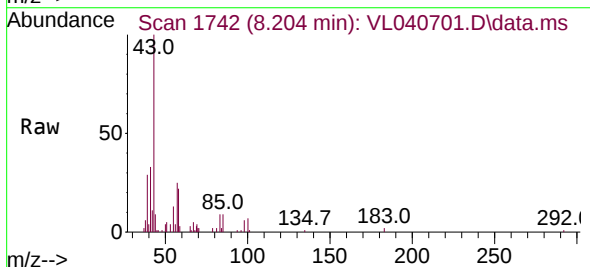
Instrument :
MSVOA_L
ClientSampleId :
ST-3

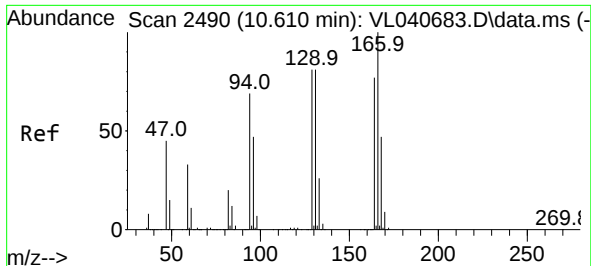
Tgt Ion: 57 Resp: 341594
Ion Ratio Lower Upper
57 100
41 45.5 28.5 42.7#
56 40.3 25.4 38.2#



#50
4-Methyl-2-Pentanone
Concen: 0.116 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 43 Resp: 21065
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

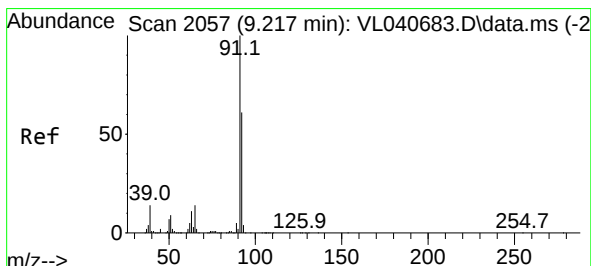
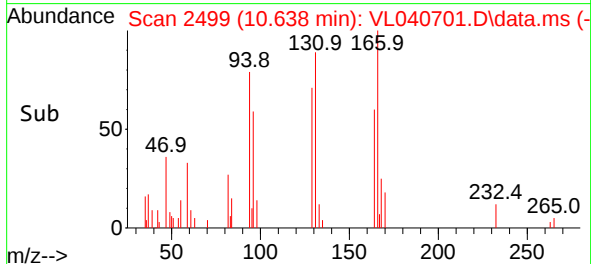
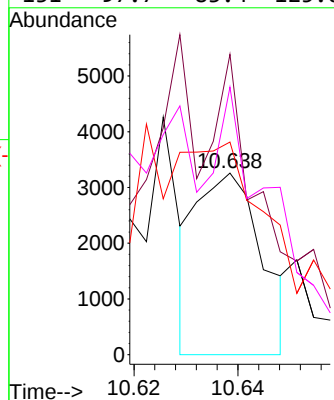
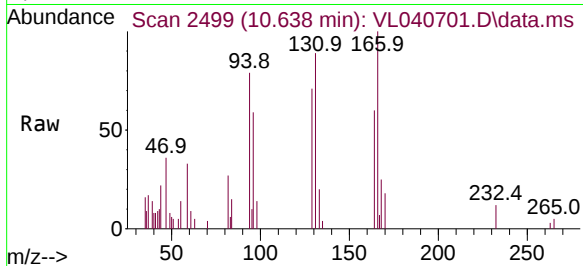




#52
Tetrachloroethene
Concen: 0.044 ppbv
RT: 10.638 min Scan# 2490
Delta R.T. 0.013 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

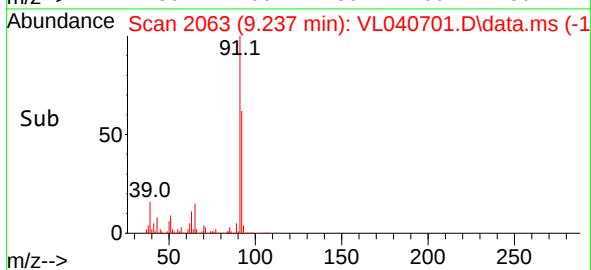
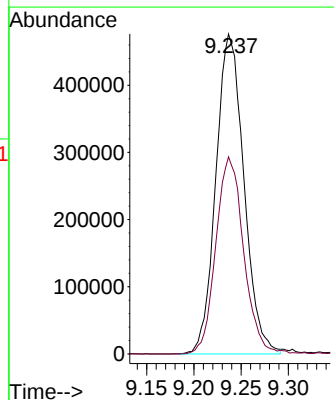
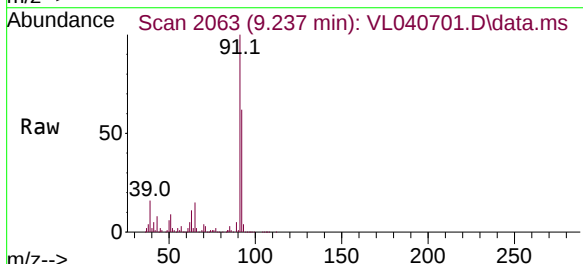
Instrument :
MSVOA_L
ClientSampleId :
ST-3

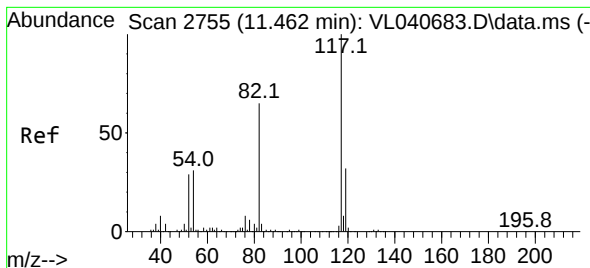
Tgt Ion:164 Resp: 2848
Ion Ratio Lower Upper
164 100
166 192.4 103.4 155.2#
129 69.3 83.5 125.3#
131 97.7 83.4 125.0



#53
Toluene
Concen: 4.702 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 91 Resp: 982226
Ion Ratio Lower Upper
91 100
92 61.3 48.5 72.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

ST-3

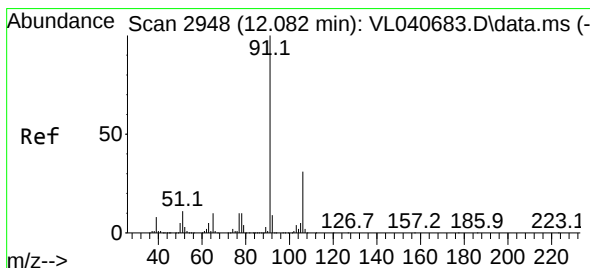
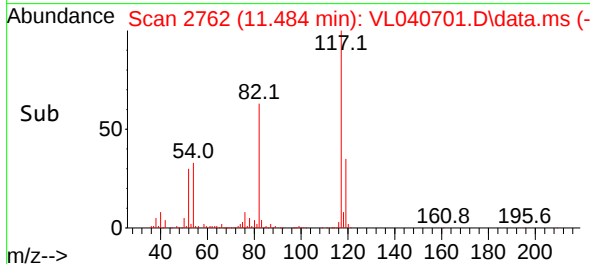
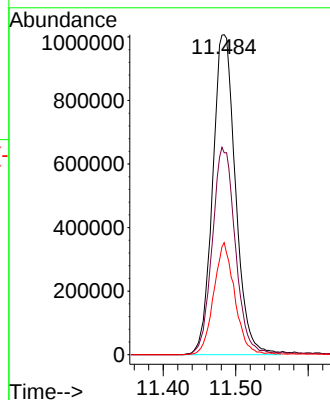
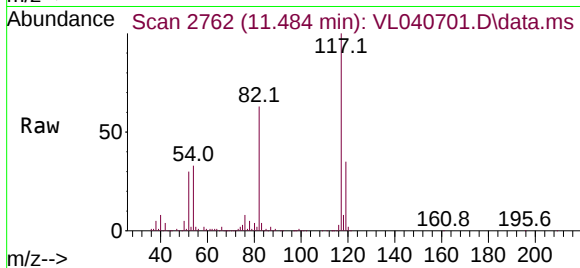
Tgt Ion:117 Resp: 2204657

Ion Ratio Lower Upper

117 100

82 65.9 51.4 77.0

119 32.8 24.7 37.1



#58

Ethyl Benzene

Concen: 0.286 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VL040701.D

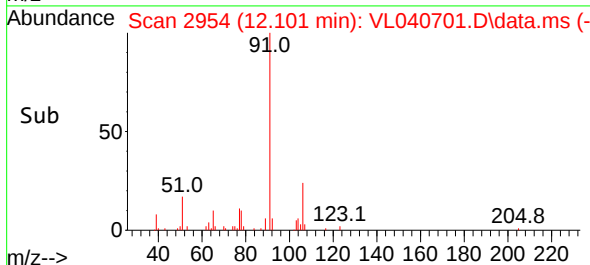
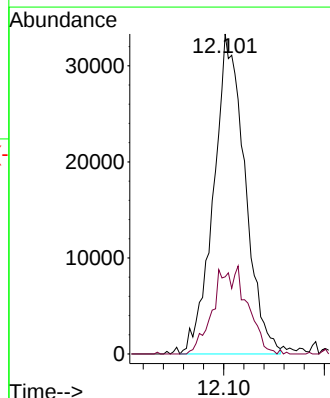
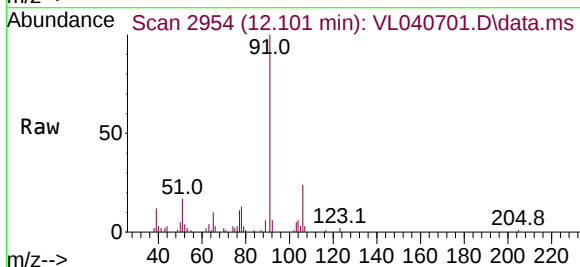
Acq: 18 Sep 2023 16:24

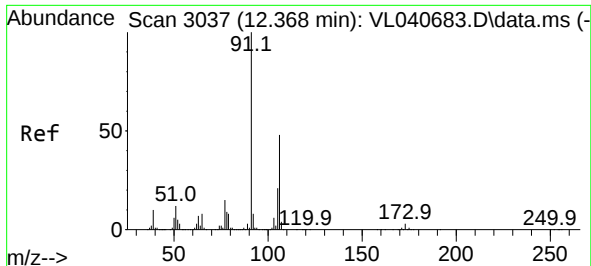
Tgt Ion: 91 Resp: 71926

Ion Ratio Lower Upper

91 100

106 24.1 24.7 37.1#





#59

m/p-Xylene

Concen: 0.542 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.013 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

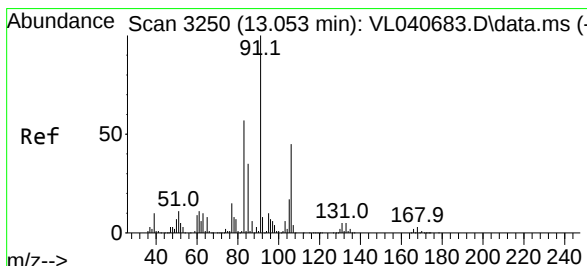
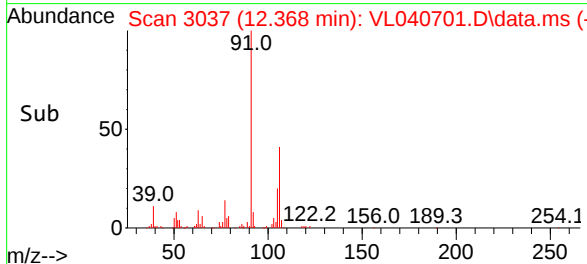
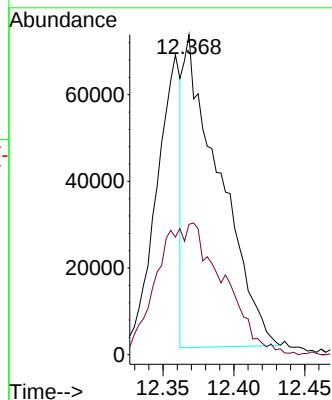
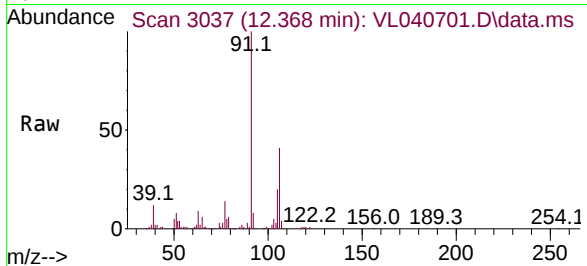
ST-3

Tgt Ion: 91 Resp: 127889

Ion Ratio Lower Upper

91 100

106 77.6 34.8 52.2#



#60

o-Xylene

Concen: 0.323 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.006 min

Lab File: VL040701.D

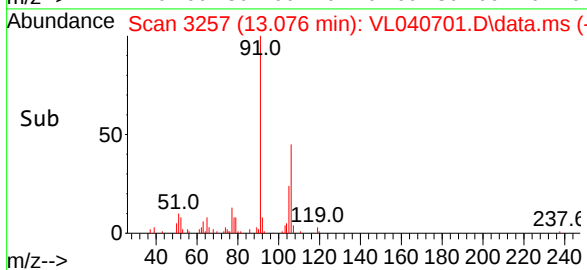
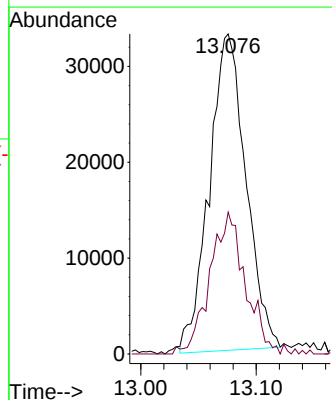
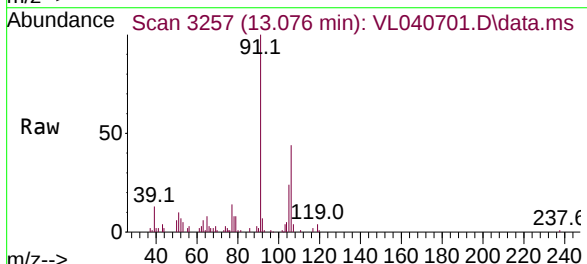
Acq: 18 Sep 2023 16:24

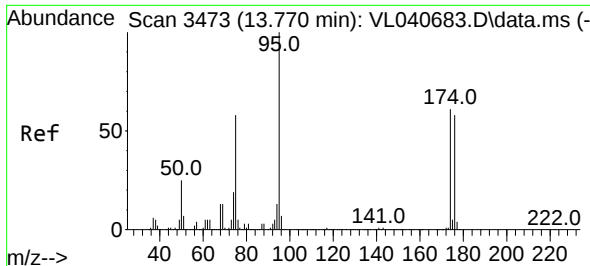
Tgt Ion: 91 Resp: 72750

Ion Ratio Lower Upper

91 100

106 43.7 22.3 66.9

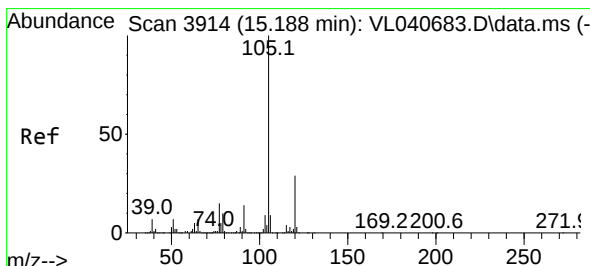
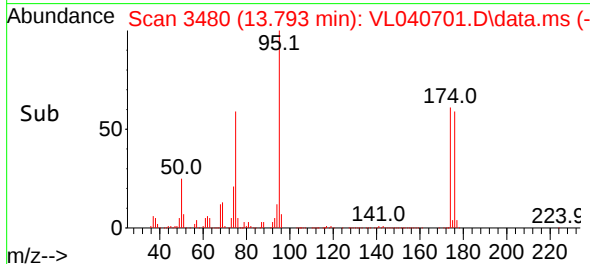
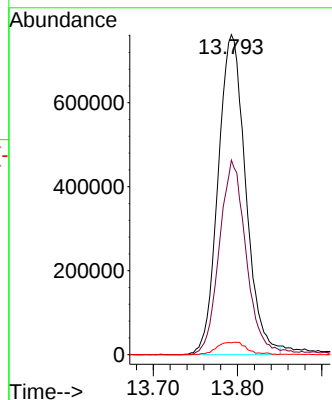
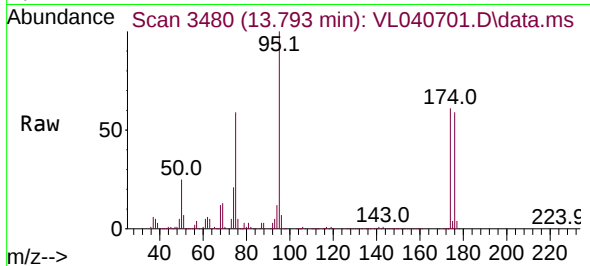




#68
1-Bromo-4-Fluorobenzene
Concen: 10.148 ppbv
RT: 13.793 min Scan# 3473
Delta R.T. 0.006 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

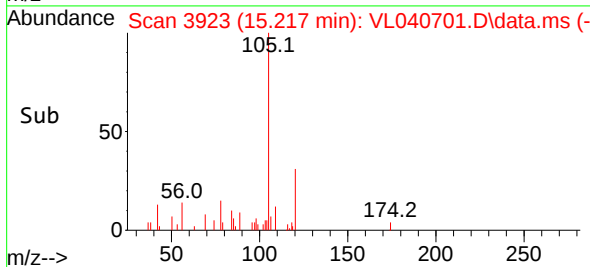
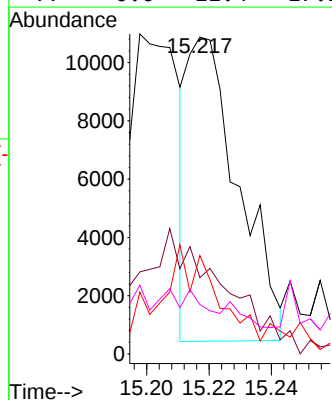
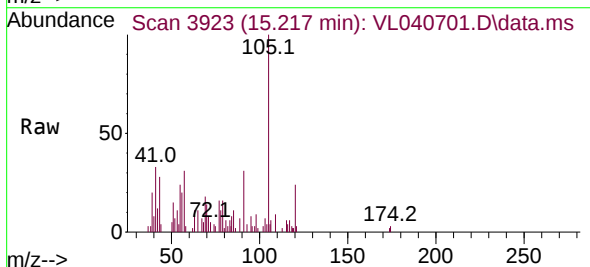
Instrument :
MSVOA_L
ClientSampleId :
ST-3

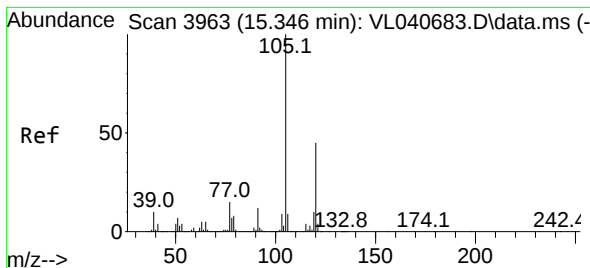
Tgt Ion: 95 Resp: 1728577
Ion Ratio Lower Upper
95 100
174 60.9 48.9 73.3
175 4.4 3.5 5.3



#72
4-Ethyltoluene
Concen: 0.047 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.016 min
Lab File: VL040701.D
Acq: 18 Sep 2023 16:24

Tgt Ion: 105 Resp: 11826
Ion Ratio Lower Upper
105 100
120 75.3 23.9 35.9#
91 49.4 11.0 16.4#
77 0.0 11.4 17.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.069 ppbv

RT: 15.368 min Scan# 3963

Delta R.T. 0.006 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

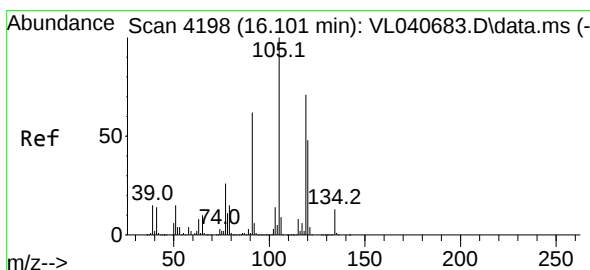
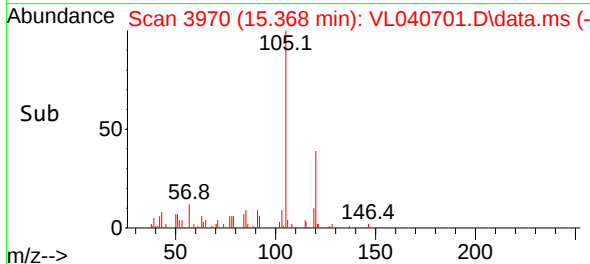
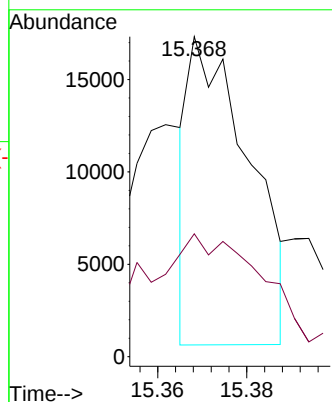
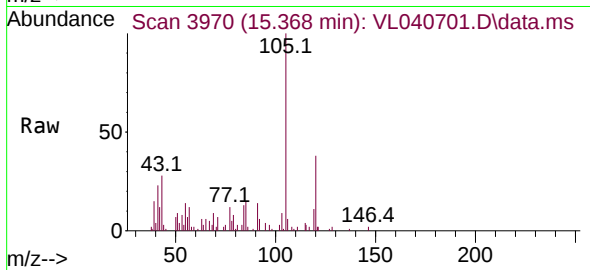
ST-3

Tgt Ion:105 Resp: 15669

Ion Ratio Lower Upper

105 100

120 26.7 36.1 54.1#



#74

1,2,4-Trimethylbenzene

Concen: 0.253 ppbv

RT: 16.130 min Scan# 4207

Delta R.T. 0.013 min

Lab File: VL040701.D

Acq: 18 Sep 2023 16:24

Tgt Ion:105 Resp: 70190

Ion Ratio Lower Upper

105 100

120 34.0 38.6 57.8#

91 8.6 50.0 75.0#

77 11.5 20.6 31.0#

