

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042056.D
 Acq On : 26 Feb 2025 12:14
 Operator : SY/MD
 Sample : Q1430-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Feb 27 00:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	159980	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	375140	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	325039	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	257137	10.283	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	7102	0.427	ppbv	92
3) Chlorodifluoromethane	1.479	51	15844	0.681	ppbv #	79
4) Chloromethane	1.534	50	2821	0.459	ppbv #	86
6) Bromomethane	1.674	94	86	0.031	ppbv #	63
9) Propene	1.486	41	68586	7.241	ppbv	96
10) Heptane	4.998	43	12083	0.410	ppbv	88
11) Trichlorofluoromethane	1.884	101	3863	0.232	ppbv #	70
12) 1,1,2-Trichlorotrifluo...	2.146	101	858	0.065	ppbv	90
13) Ethanol	1.725	45	95218	158.352	ppbv	92
15) Acetone	1.845	43	86914	6.152	ppbv #	79
16) 1,3-Butadiene	1.602	39	14294	2.174	ppbv #	39
17) tert-Butyl alcohol	2.049	59	1603	0.091	ppbv #	70
19) Isopropyl Alcohol	1.890	45	14014	1.727	ppbv #	21
20) Methylene Chloride	2.065	84	57070	10.679	ppbv	96
21) Allyl Chloride	2.081	41	2007	0.197	ppbv #	1
23) Vinyl Acetate	2.480	43	50664	5.100	ppbv #	54
25) Ethyl Acetate	2.836	43	80159	1.417	ppbv #	78
26) Hexane	2.832	57	107141	4.686	ppbv #	36
29) Chloroform	2.858	83	7381	0.240	ppbv	92
30) Cyclohexane	3.871	84	5261	0.284	ppbv #	82
34) 2-Butanone	2.570	43	14699	0.503	ppbv	100
35) Carbon Tetrachloride	3.774	117	2059	0.080	ppbv #	75
36) Benzene	3.667	78	168374	4.287	ppbv	96
39) 1,2-Dichloropropane	3.972	63	100821	6.764	ppbv #	23
41) Tetrahydrofuran	3.237	42	4077	0.236	ppbv #	38
43) Methyl Methacrylate	4.907	69	599	0.039	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	102302	1.476	ppbv #	90
50) 4-Methyl-2-Pentanone	5.784	43	6665	0.176	ppbv #	3
53) Toluene	6.949	91	289557	6.597	ppbv	98
58) Ethyl Benzene	9.367	91	38485	0.643	ppbv	94
59) m/p-Xylene	9.542	91	122792	2.578	ppbv #	100
60) o-Xylene	9.972	91	37715	0.788	ppbv	97
61) Styrene	9.878	104	4760	0.211	ppbv	92
64) n-propylbenzene	11.002	120	1024	0.054	ppbv	83
65) tert-Butylbenzene	11.542	119	2779	0.043	ppbv #	23
72) 4-Ethyltoluene	11.134	105	9913	0.170	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	7643	0.151	ppbv	97
74) 1,2,4-Trimethylbenzene	11.545	105	24703	0.433	ppbv #	68
79) Naphthalene	13.523	128	4612	0.118	ppbv #	89
80) Naphthalene,2-methyl-	14.471	142	418	0.039	ppbv #	82

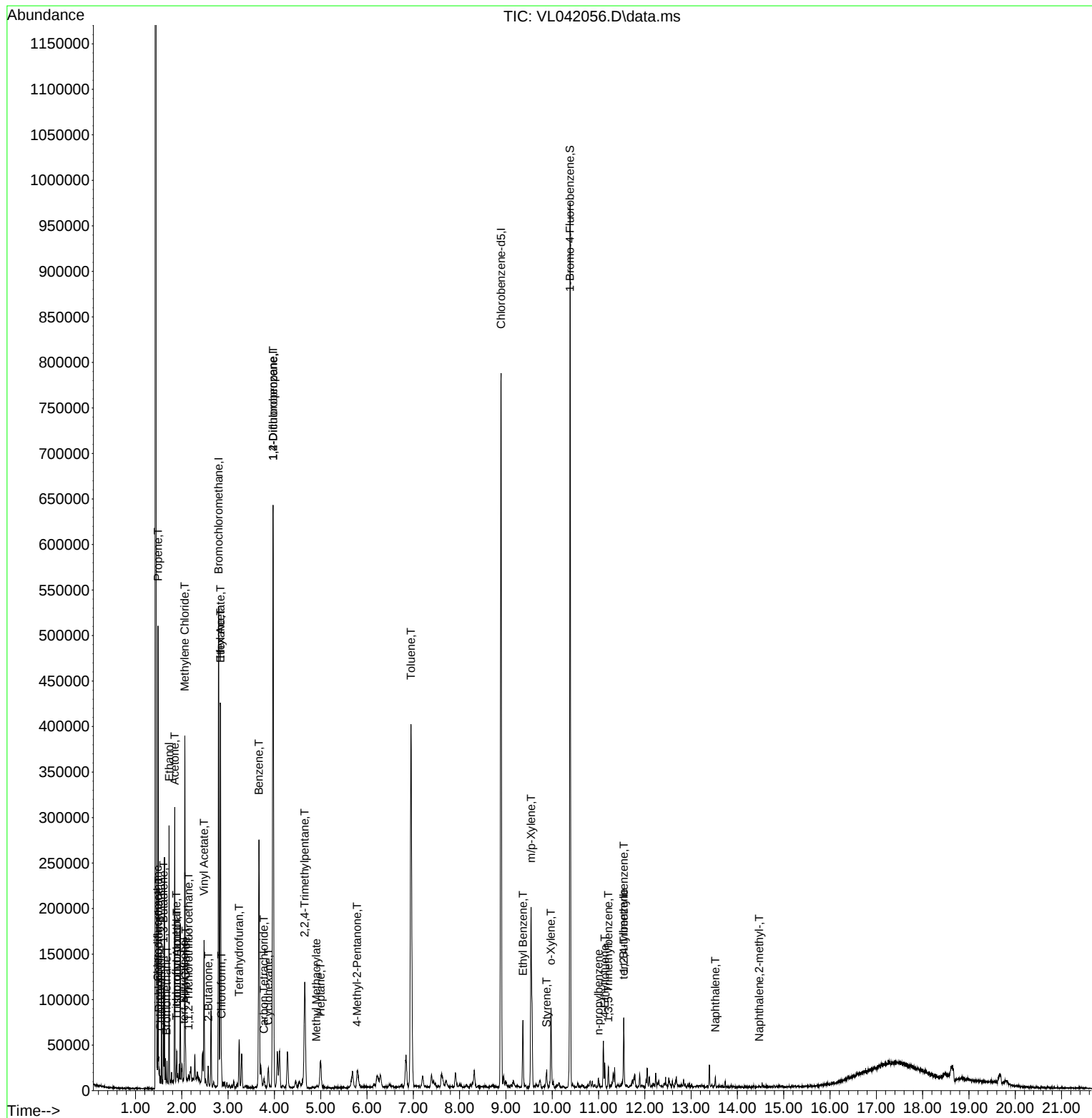
(#) = qualifier out of range (m) = manual integration (+) = signals summed

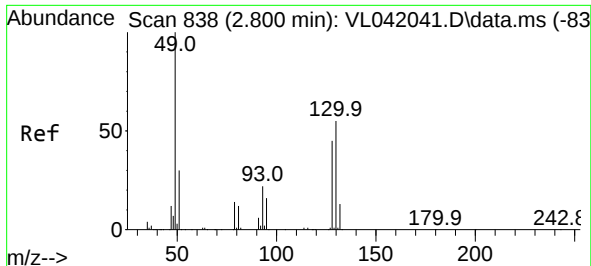
Instrument :
MSVOA_L
ClientSampleId :
IA1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
Data File : VL042056.D
Acq On : 26 Feb 2025 12:14
Operator : SY/MD
Sample : Q1430-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Feb 27 00:27:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

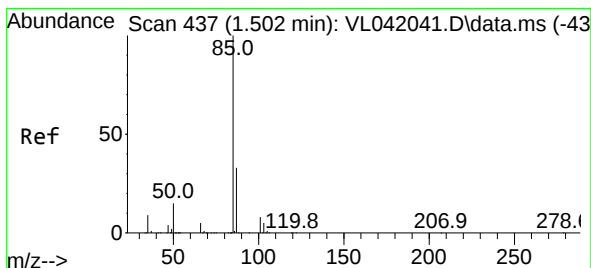
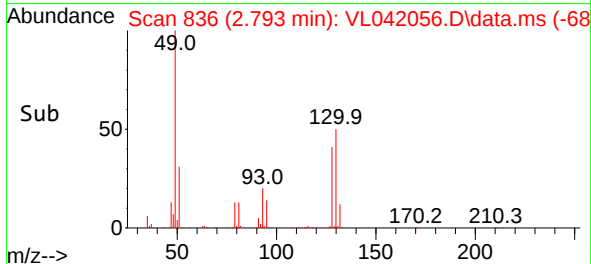
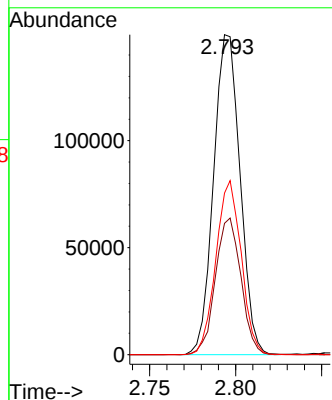
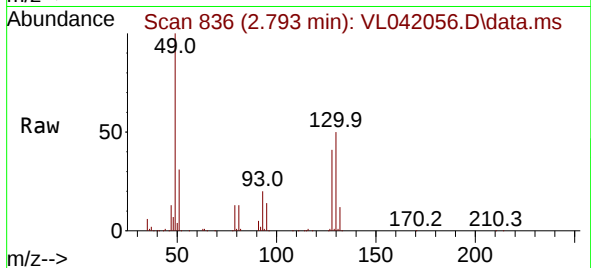




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 836
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

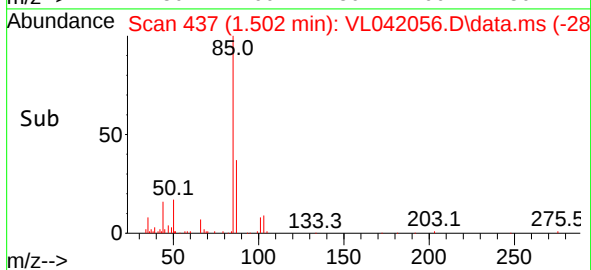
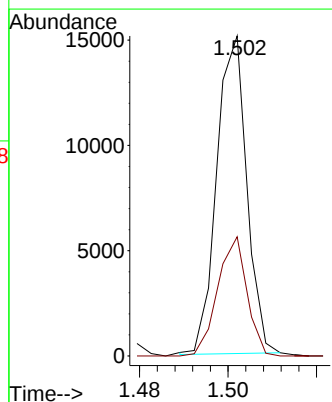
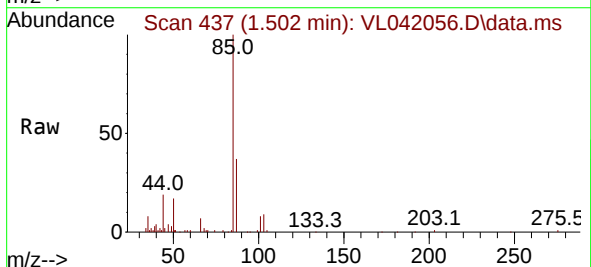
Instrument :
MSVOA_L
ClientSampleId :
IA1

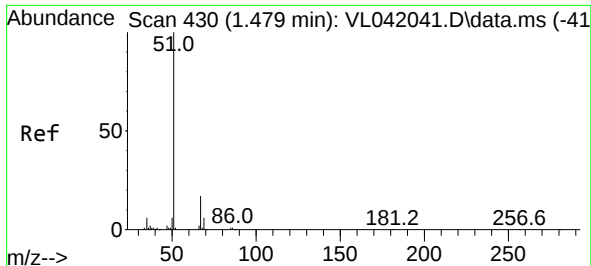
Tgt Ion: 49 Resp: 159980
Ion Ratio Lower Upper
49 100
128 41.3 21.6 64.8
130 52.1 27.8 83.4



#2
Dichlorodifluoromethane
Concen: 0.427 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 85 Resp: 7102
Ion Ratio Lower Upper
85 100
87 37.6 26.4 39.6

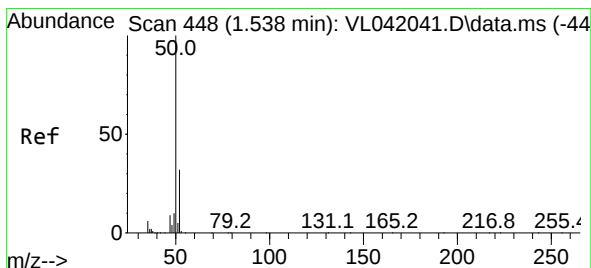
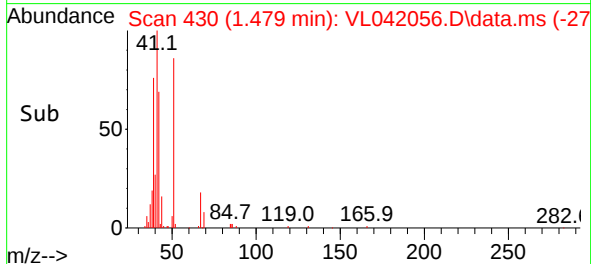
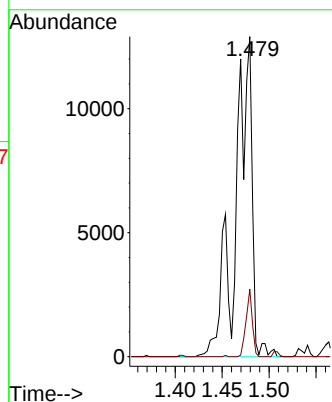
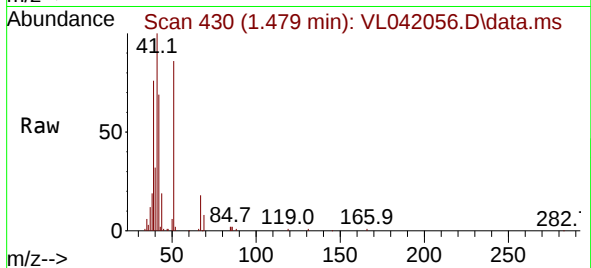




#3
Chlorodifluoromethane
Concen: 0.681 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

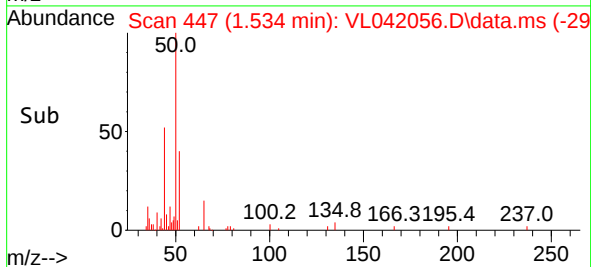
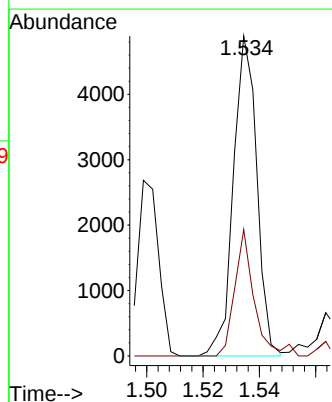
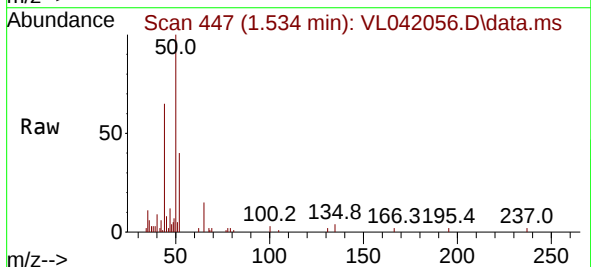
Instrument :
MSVOA_L
ClientSampleId :
IA1

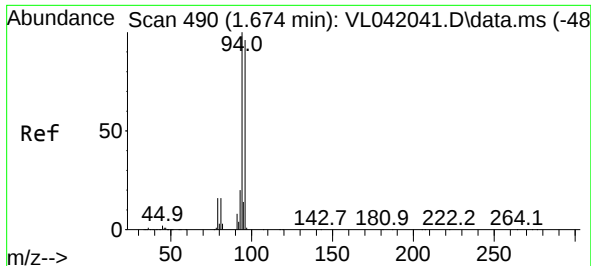
Tgt Ion: 51 Resp: 15844
Ion Ratio Lower Upper
51 100
67 8.1 13.7 20.5#



#4
Chloromethane
Concen: 0.459 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 50 Resp: 2821
Ion Ratio Lower Upper
50 100
52 39.5 25.4 38.0#

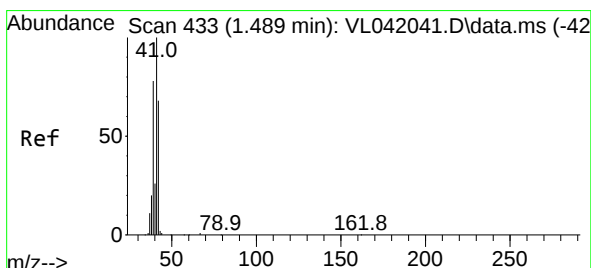
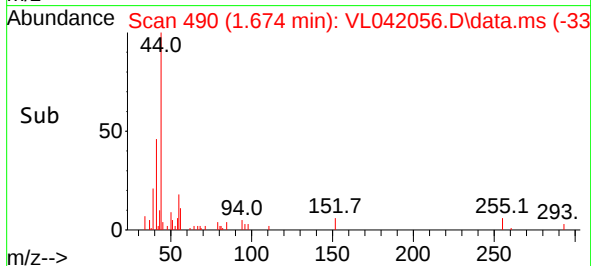
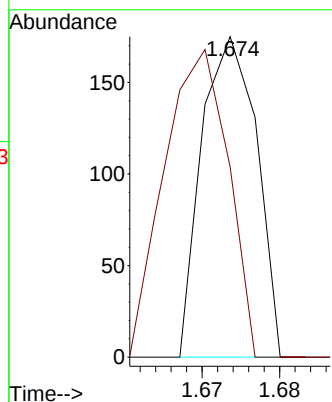
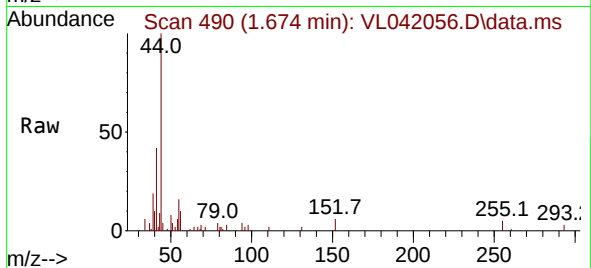




#6
Bromomethane
Concen: 0.031 ppbv
RT: 1.674 min Scan# 490
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

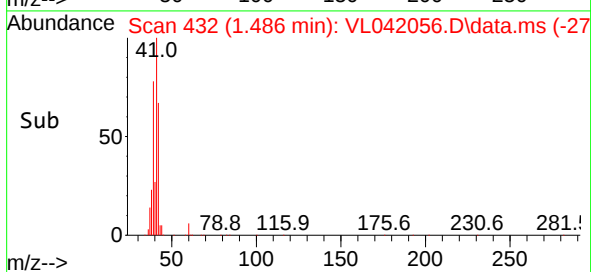
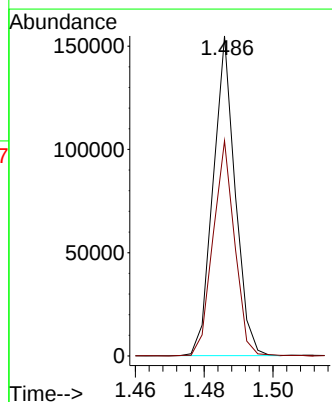
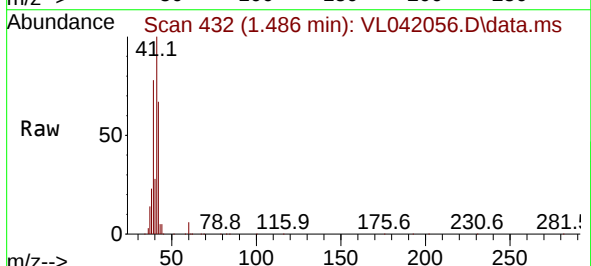
Instrument :
MSVOA_L
ClientSampleId :
IA1

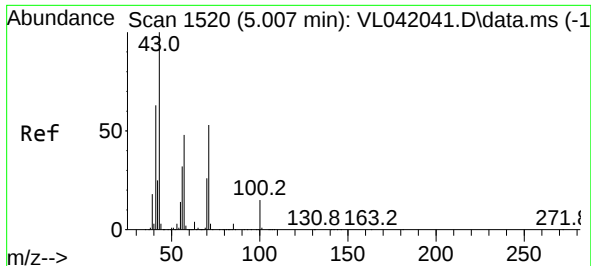
Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 59.4 76.5 114.7#



#9
Propene
Concen: 7.241 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 41 Resp: 68586
Ion Ratio Lower Upper
41 100
42 66.4 55.8 83.6

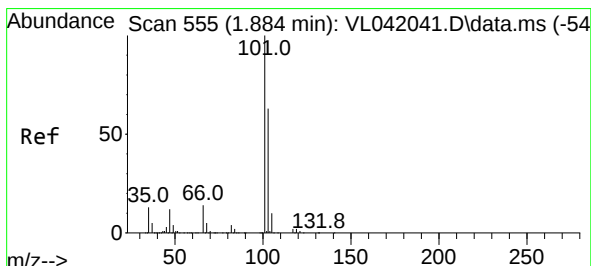
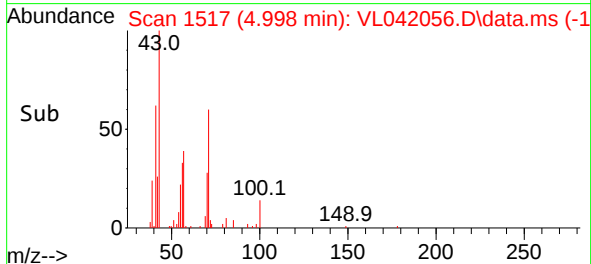
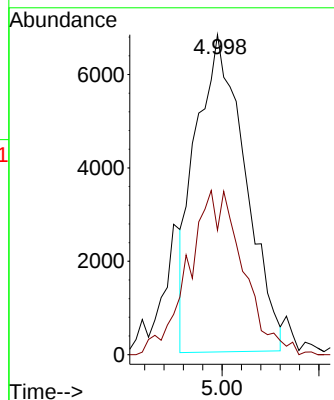
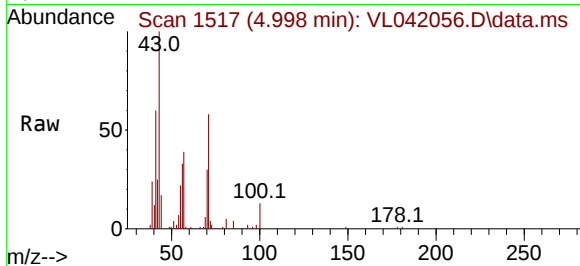




#10
Heptane
Concen: 0.410 ppbv
RT: 4.998 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

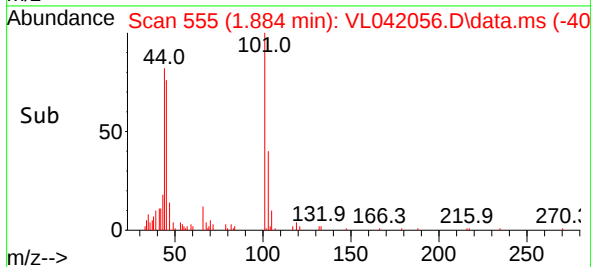
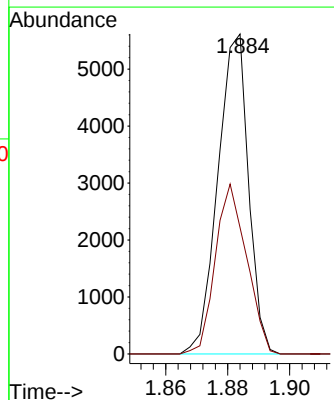
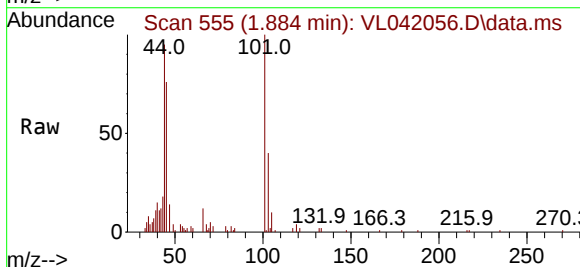
Instrument :
MSVOA_L
ClientSampleId :
IA1

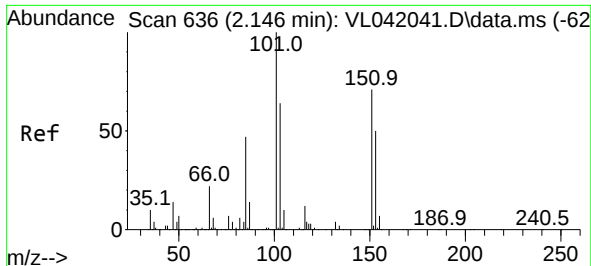
Tgt Ion: 43 Resp: 12083
Ion Ratio Lower Upper
43 100
57 57.3 39.4 59.0



#11
Trichlorofluoromethane
Concen: 0.232 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion:101 Resp: 3863
Ion Ratio Lower Upper
101 100
103 39.5 50.6 75.8#

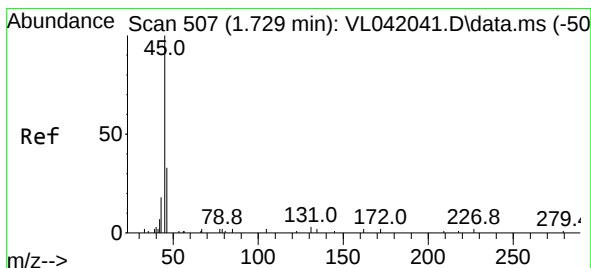
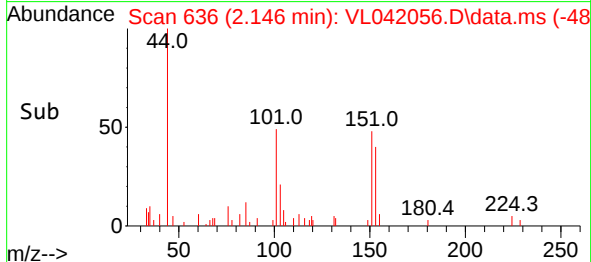
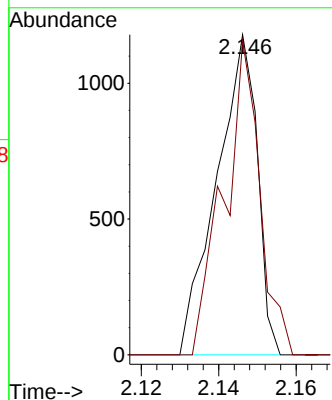
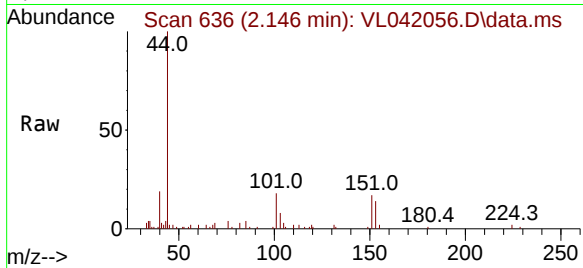




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.065 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

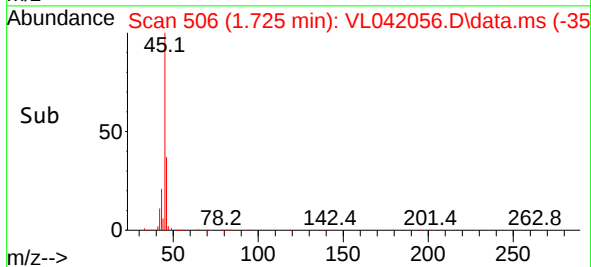
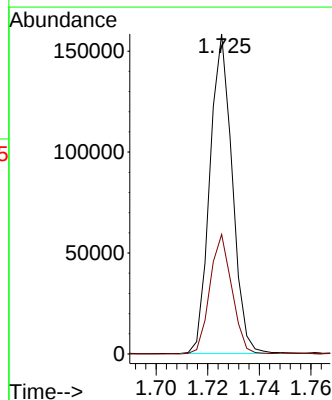
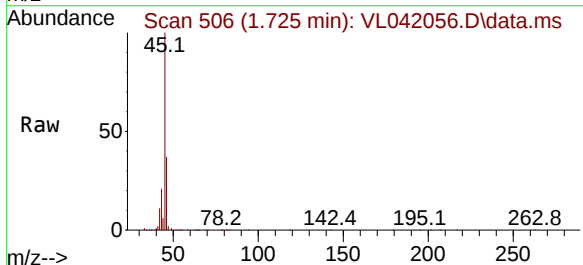
Instrument :
MSVOA_L
ClientSampleId :
IA1

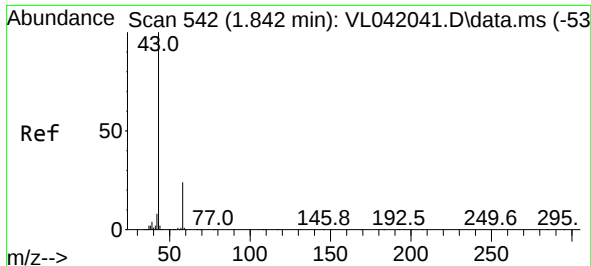
Tgt Ion:101 Resp: 858
Ion Ratio Lower Upper
101 100
151 87.1 62.6 94.0



#13
Ethanol
Concen: 158.352 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 45 Resp: 95218
Ion Ratio Lower Upper
45 100
46 37.4 17.1 68.3





#15

Acetone

Concen: 6.152 ppbv

RT: 1.845 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042056.D

Acq: 26 Feb 2025 12:14

Instrument :

MSVOA_L

ClientSampleId :

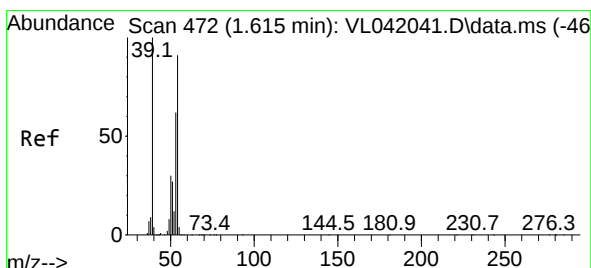
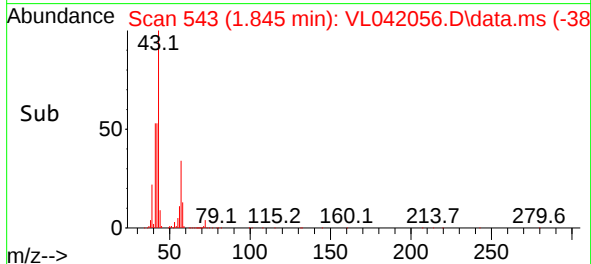
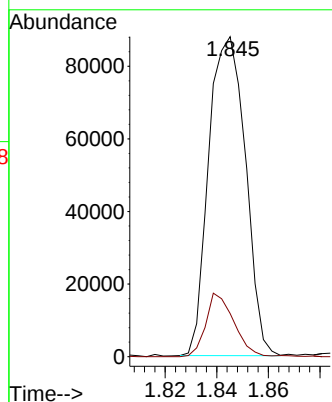
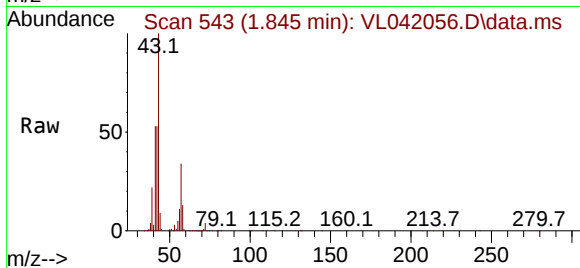
IA1

Tgt Ion: 43 Resp: 86914

Ion Ratio Lower Upper

43 100

58 15.4 20.7 31.1#



#16

1,3-Butadiene

Concen: 2.174 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.013 min

Lab File: VL042056.D

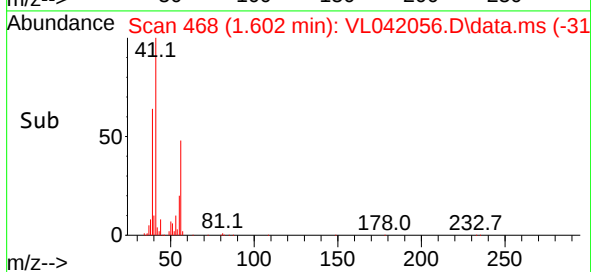
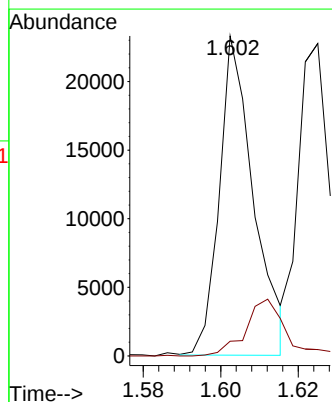
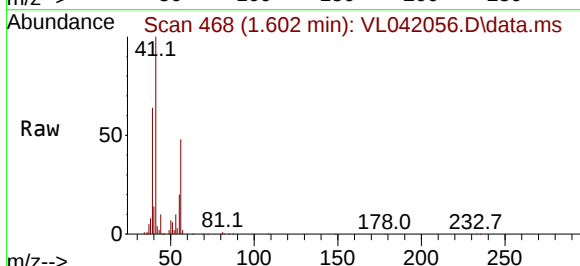
Acq: 26 Feb 2025 12:14

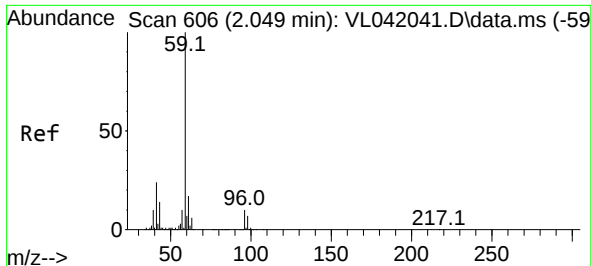
Tgt Ion: 39 Resp: 14294

Ion Ratio Lower Upper

39 100

54 23.1 59.6 89.4#

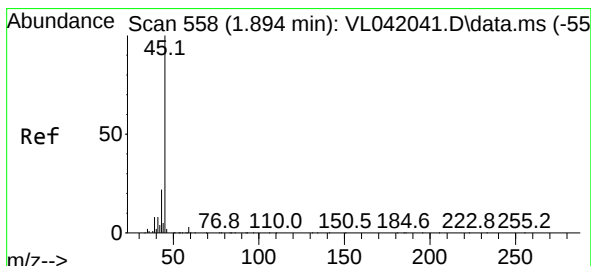
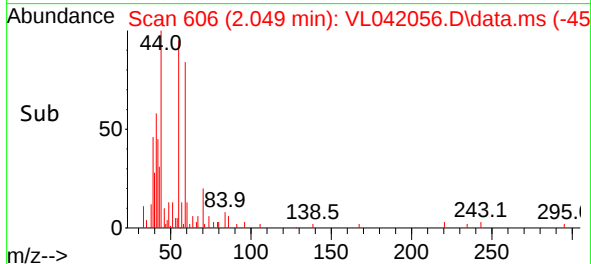
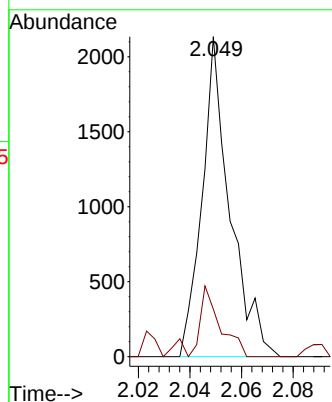
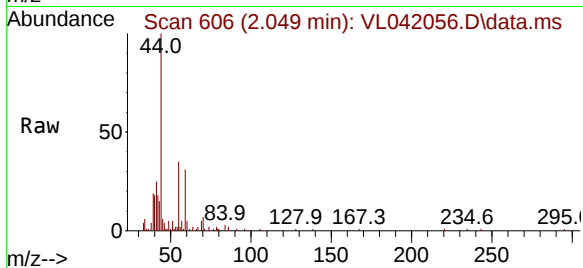




#17
tert-Butyl alcohol
Concen: 0.091 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

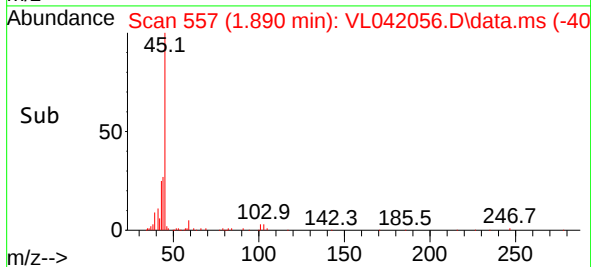
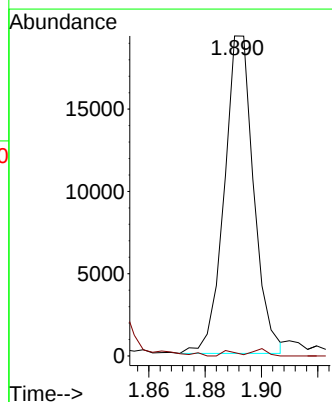
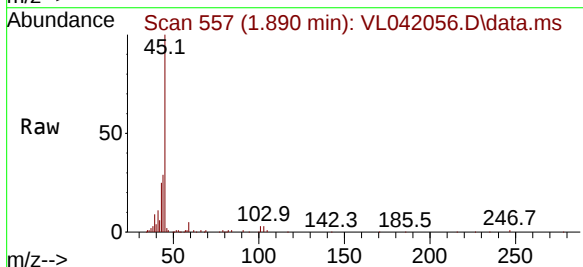
Instrument :
MSVOA_1
ClientSampleId :
IA1

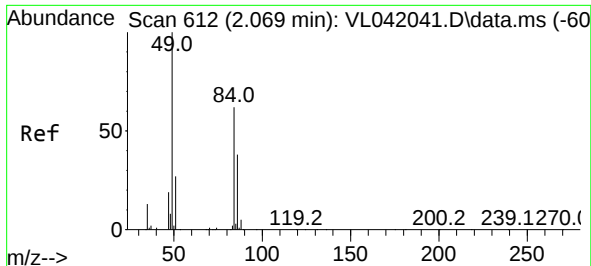
Tgt Ion: 59 Resp: 1603
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#19
Isopropyl Alcohol
Concen: 1.727 ppbv
RT: 1.890 min Scan# 557
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 45 Resp: 14014
Ion Ratio Lower Upper
45 100
58 95.4 35.3 52.9#



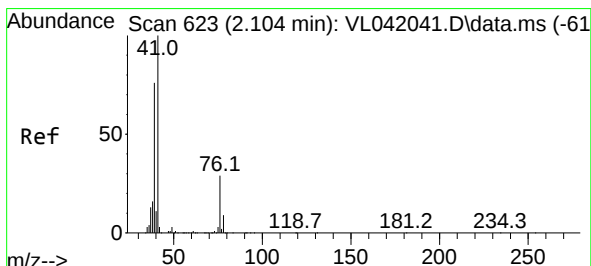
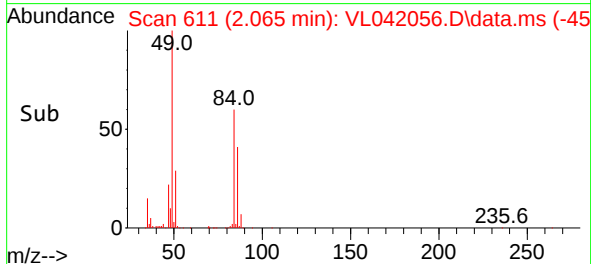
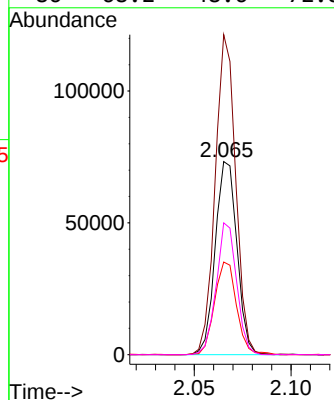
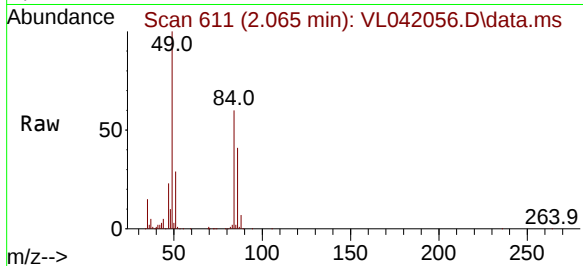


#20
Methylene Chloride
Concen: 10.679 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 84 Resp: 57070

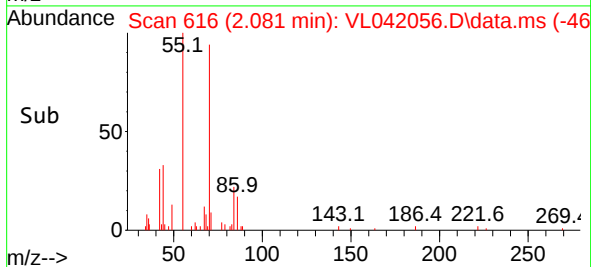
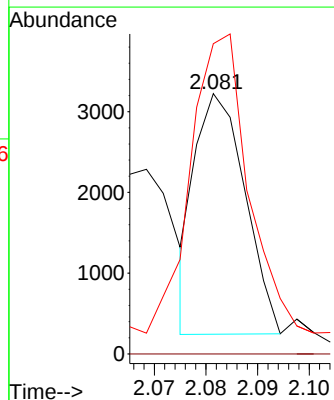
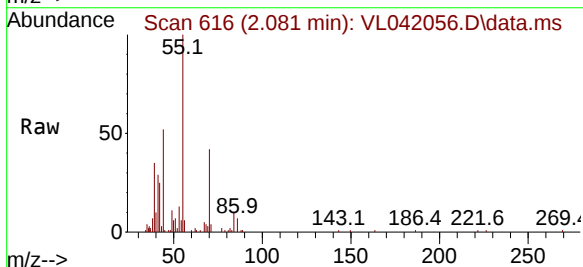
Ion	Ratio	Lower	Upper
84	100		
49	165.7	130.0	195.0
51	48.0	37.4	56.0
86	68.2	48.6	72.8

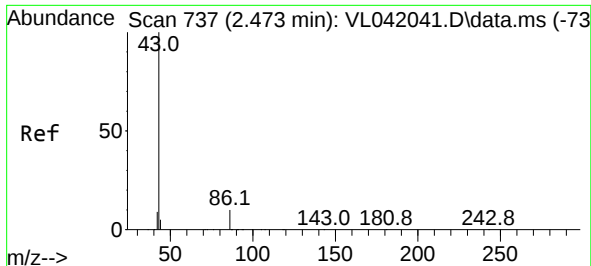


#21
Allyl Chloride
Concen: 0.197 ppbv
RT: 2.081 min Scan# 616
Delta R.T. -0.023 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 41 Resp: 2007

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.8	35.6#
39	251.6	63.8	95.6#

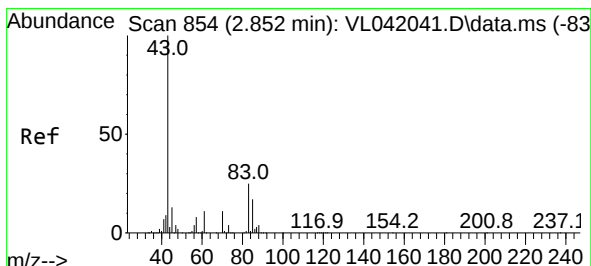
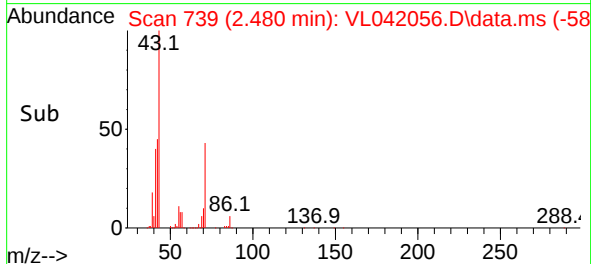
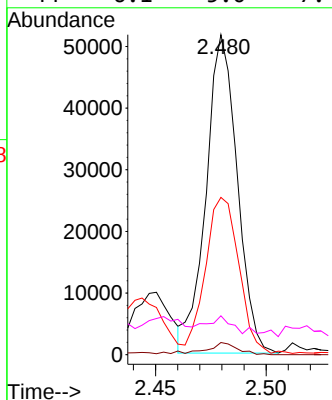
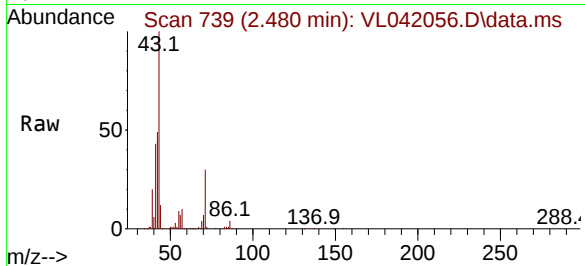




#23
 Vinyl Acetate
 Concen: 5.100 ppbv
 RT: 2.480 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL042056.D
 Acq: 26 Feb 2025 12:14

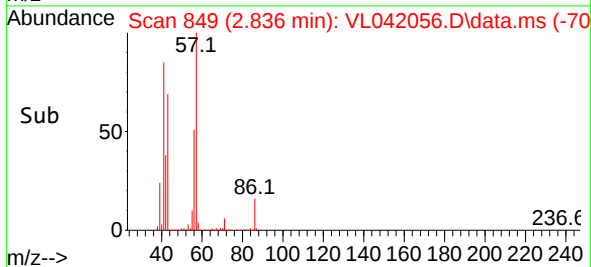
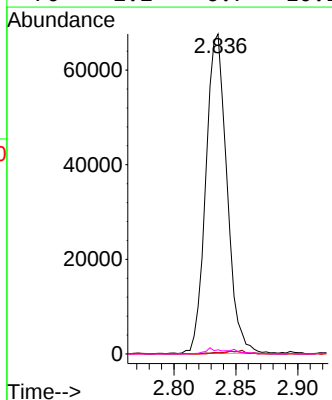
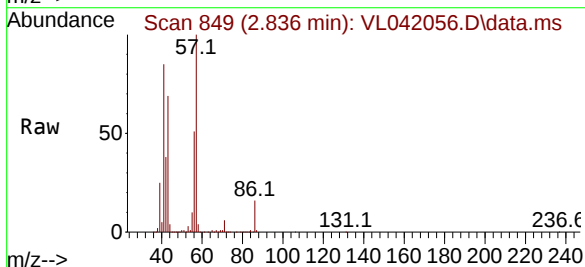
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

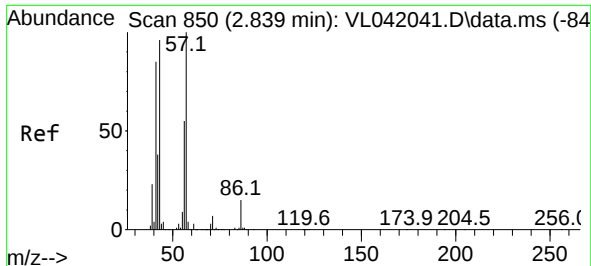
Tgt Ion:	43	Resp:	50664
Ion	Ratio	Lower	Upper
43	100		
86	3.8	7.0	10.4#
42	48.3	7.6	11.4#
44	6.1	5.0	7.4



#25
 Ethyl Acetate
 Concen: 1.417 ppbv
 RT: 2.836 min Scan# 849
 Delta R.T. -0.016 min
 Lab File: VL042056.D
 Acq: 26 Feb 2025 12:14

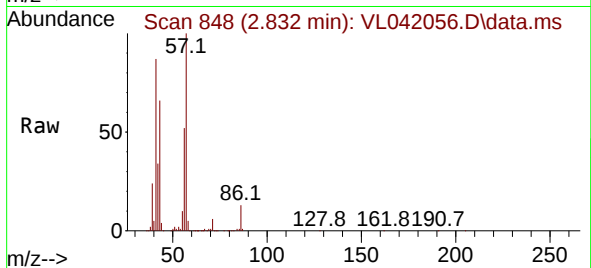
Tgt Ion:	43	Resp:	80159
Ion	Ratio	Lower	Upper
43	100		
45	1.3	8.1	12.1#
61	0.8	7.2	10.8#
70	2.2	6.7	10.1#



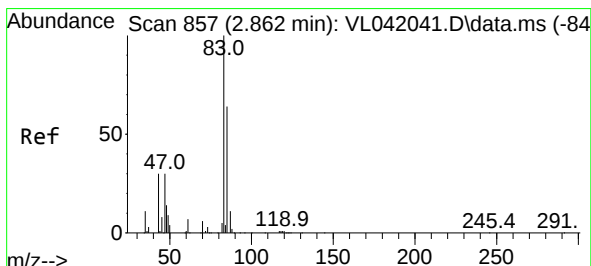
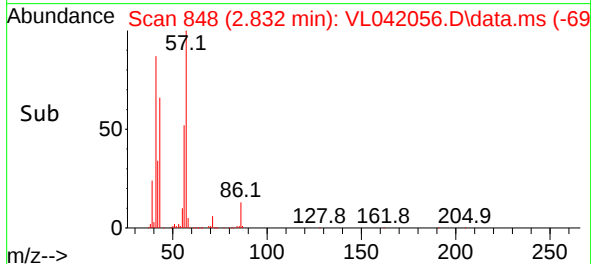
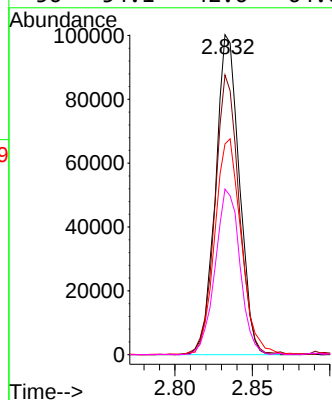


#26
Hexane
Concen: 4.686 ppbv
RT: 2.832 min Scan# 84
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
IA1

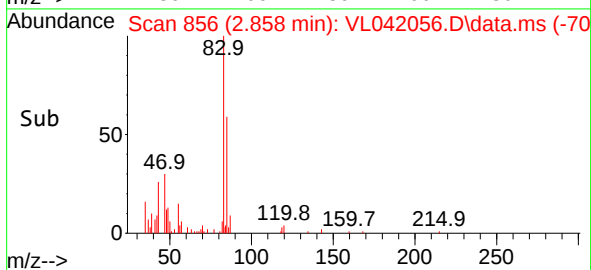
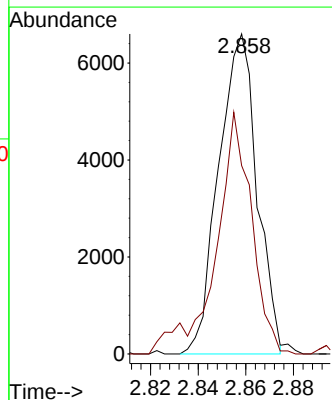
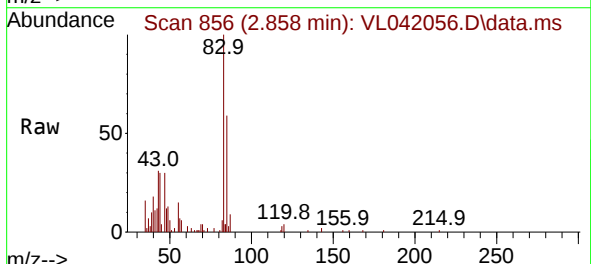


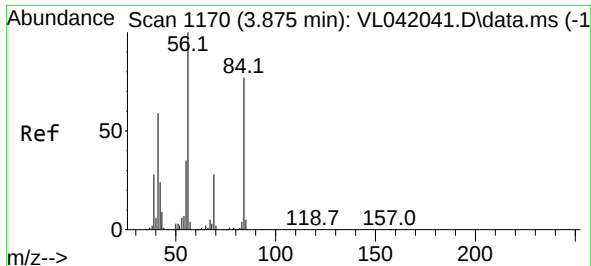
Tgt Ion: 57 Resp: 107141
Ion Ratio Lower Upper
57 100
41 89.2 70.6 106.0
43 75.9 199.4 299.0#
56 54.1 42.6 64.0



#29
Chloroform
Concen: 0.240 ppbv
RT: 2.858 min Scan# 856
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 83 Resp: 7381
Ion Ratio Lower Upper
83 100
85 57.9 51.2 76.8

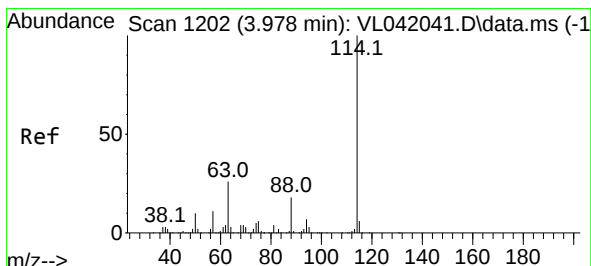
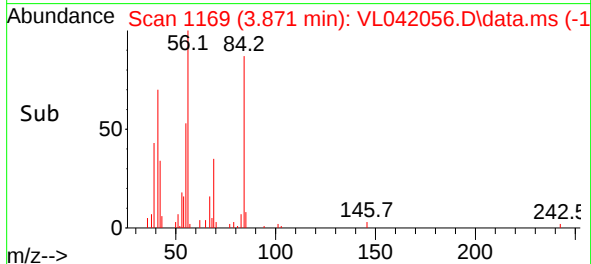
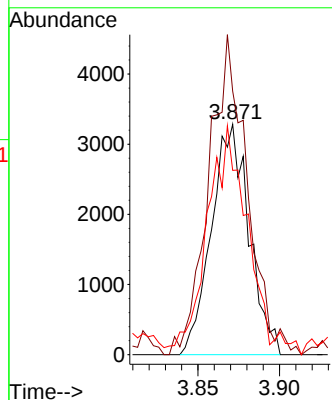
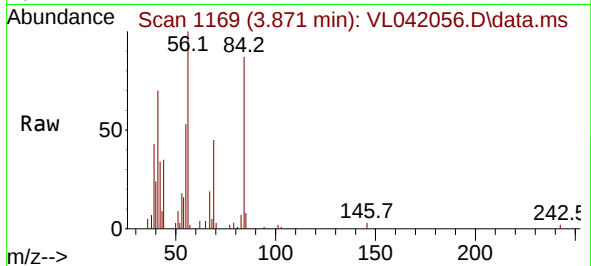




#30
Cyclohexane
Concen: 0.284 ppbv
RT: 3.871 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

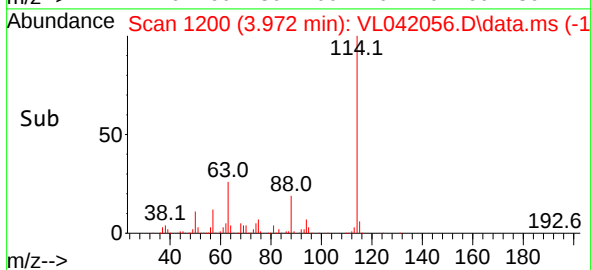
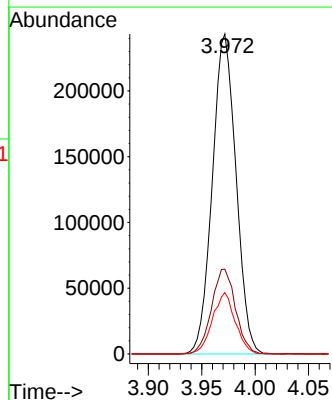
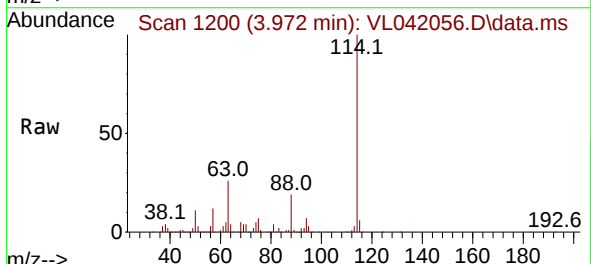
Instrument :
MSVOA_L
ClientSampleId :
IA1

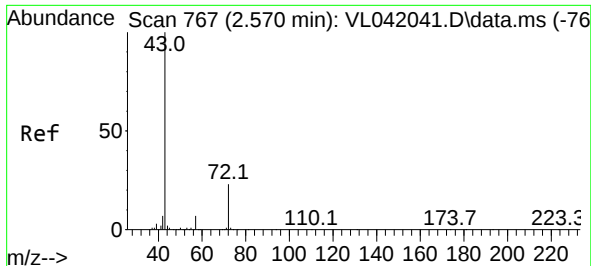
Tgt Ion: 84 Resp: 5261
Ion Ratio Lower Upper
84 100
56 135.4 101.5 152.3
41 110.1 62.6 93.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 114 Resp: 375140
Ion Ratio Lower Upper
114 100
63 26.9 20.1 30.1
88 18.5 14.3 21.5

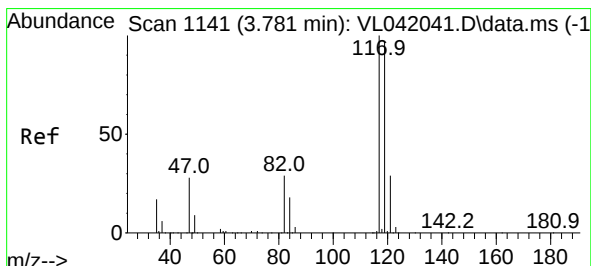
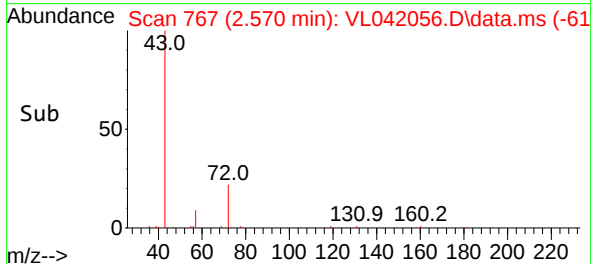
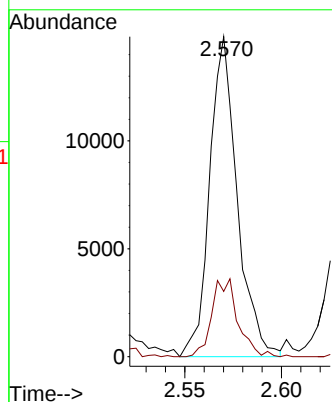
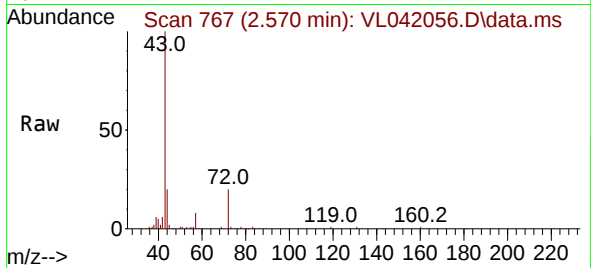




#34
2-Butanone
Concen: 0.503 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

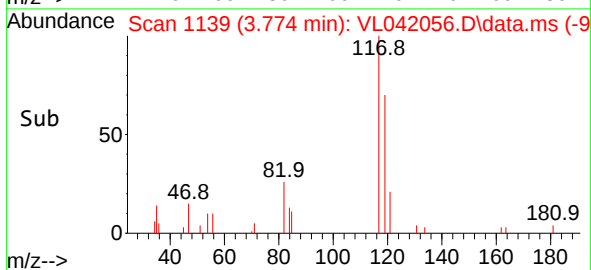
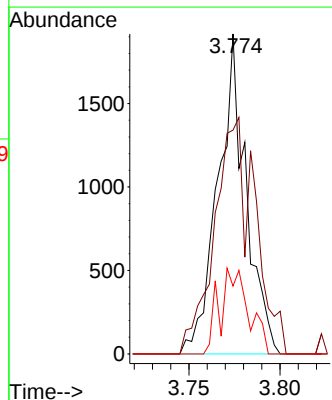
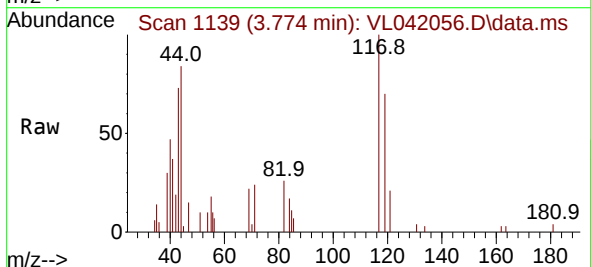
Instrument :
MSVOA_L
ClientSampleId :
IA1

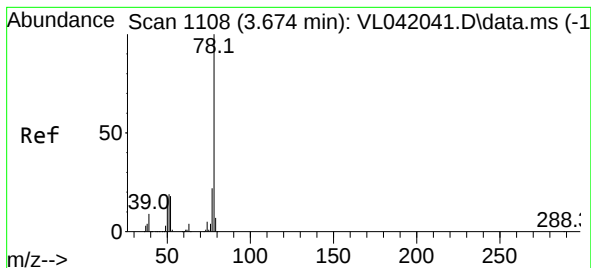
Tgt Ion: 43 Resp: 14699
Ion Ratio Lower Upper
43 100
72 22.9 18.5 27.7



#35
Carbon Tetrachloride
Concen: 0.080 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 117 Resp: 2059
Ion Ratio Lower Upper
117 100
119 70.0 77.8 116.8#
121 21.2 23.4 35.0#





#36

Benzene

Concen: 4.287 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. -0.007 min

Lab File: VL042056.D

Acq: 26 Feb 2025 12:14

Instrument :

MSVOA_L

ClientSampleId :

IA1

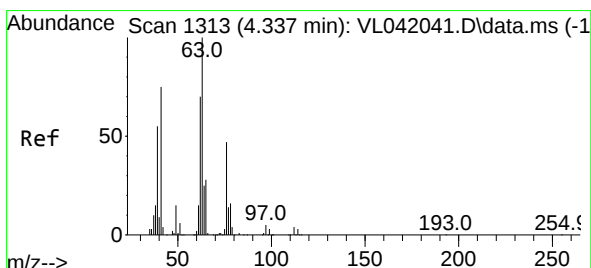
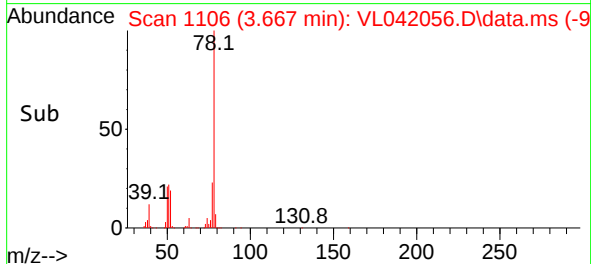
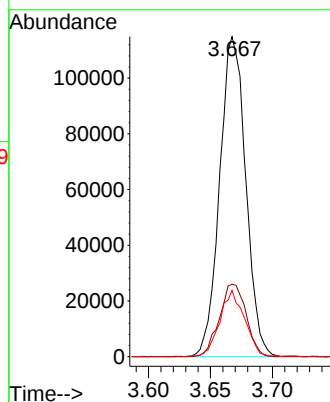
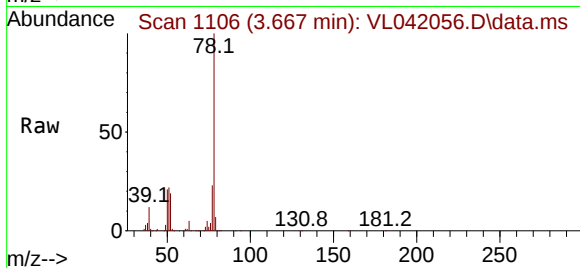
Tgt Ion: 78 Resp: 168374

Ion Ratio Lower Upper

78 100

77 22.6 17.7 26.5

50 20.6 13.9 20.9



#39

1,2-Dichloropropane

Concen: 6.764 ppbv

RT: 3.972 min Scan# 1200

Delta R.T. -0.366 min

Lab File: VL042056.D

Acq: 26 Feb 2025 12:14

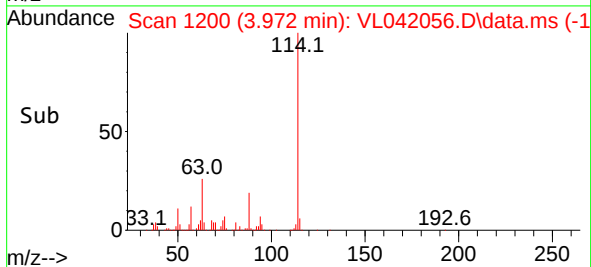
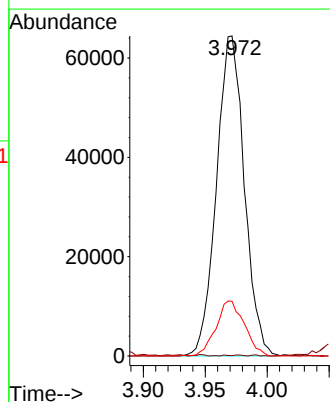
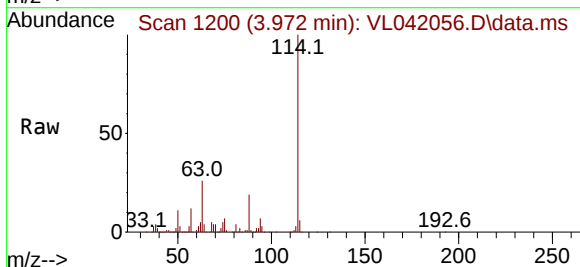
Tgt Ion: 63 Resp: 100821

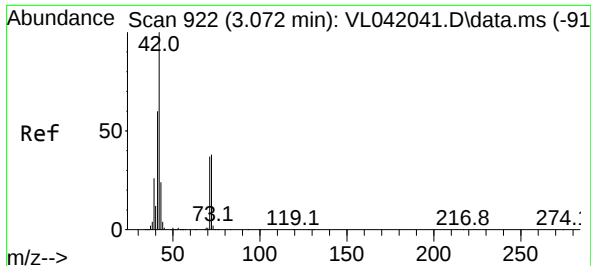
Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 17.1 55.8 83.8#

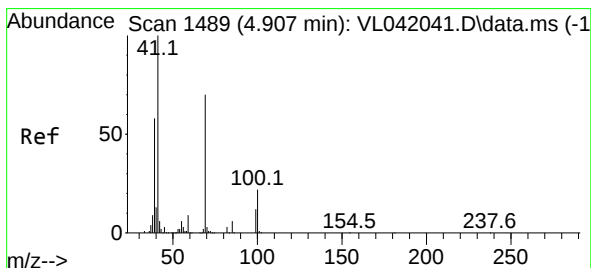
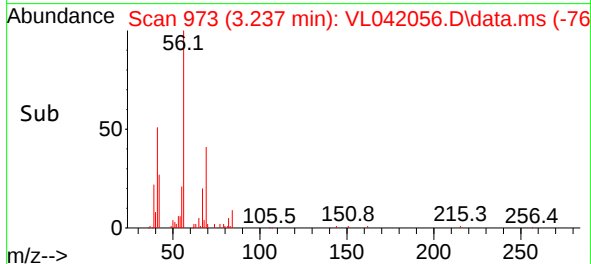
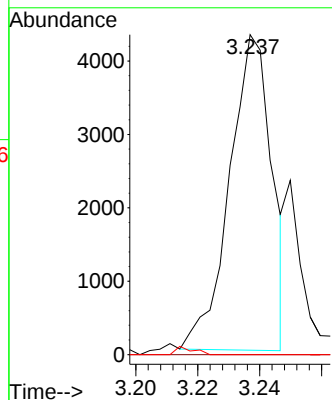
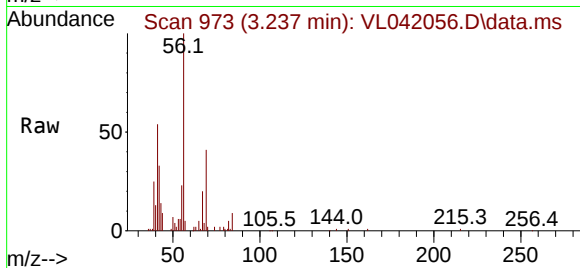




#41
Tetrahydrofuran
Concen: 0.236 ppbv
RT: 3.237 min Scan# 91
Delta R.T. 0.165 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

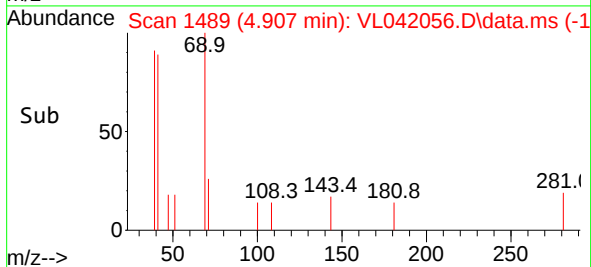
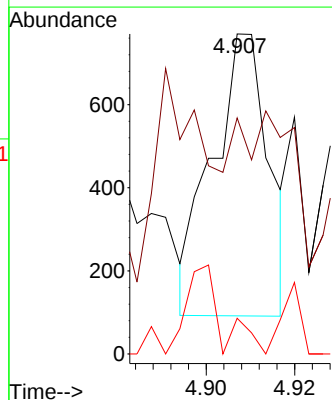
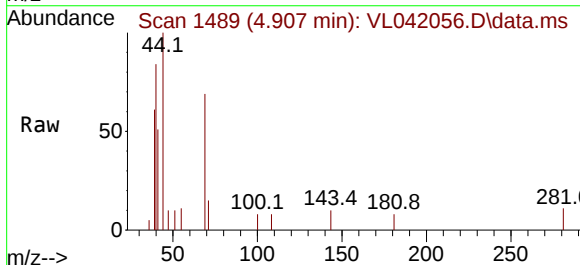
Instrument :
MSVOA_L
ClientSampleId :
IA1

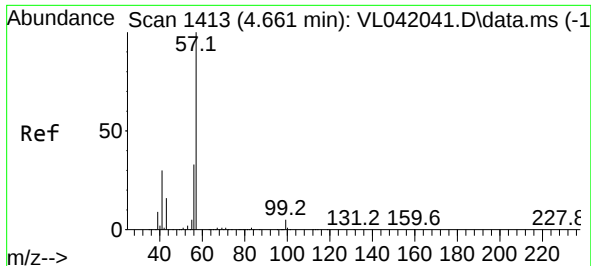
Tgt Ion: 42 Resp: 4077
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2#
71 0.0 28.2 42.4#



#43
Methyl Methacrylate
Concen: 0.039 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 69 Resp: 599
Ion Ratio Lower Upper
69 100
41 0.0 118.2 177.4#
100 21.9 27.0 40.4#

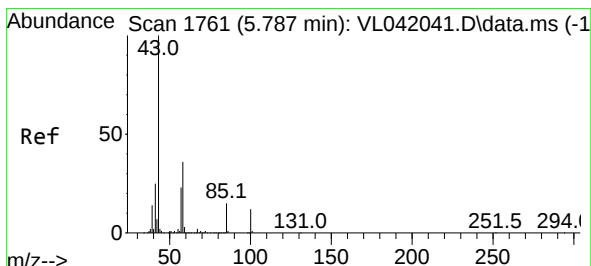
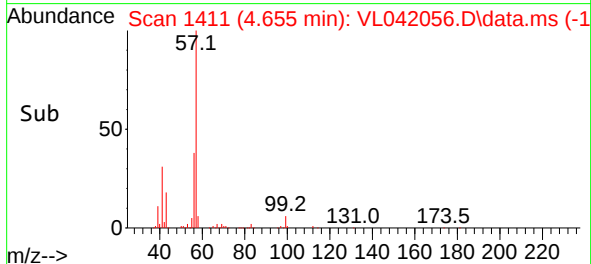
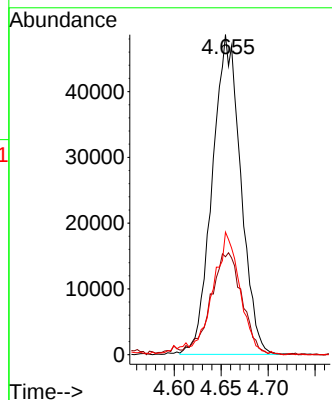
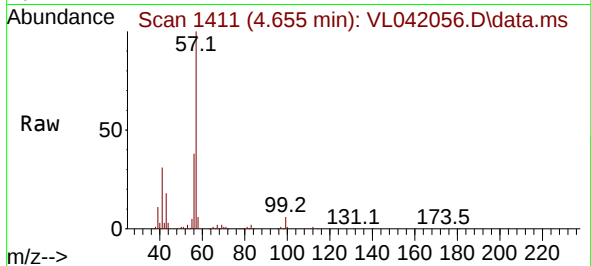




#44
2,2,4-Trimethylpentane
Concen: 1.476 ppbv
RT: 4.655 min Scan# 1413
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

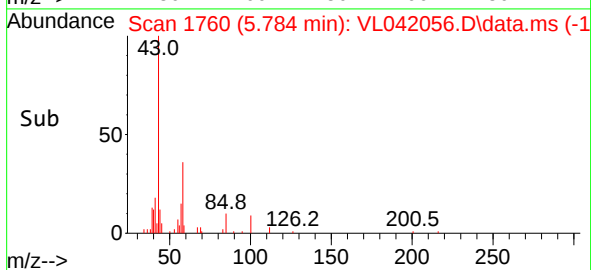
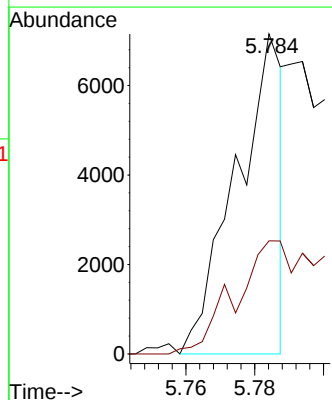
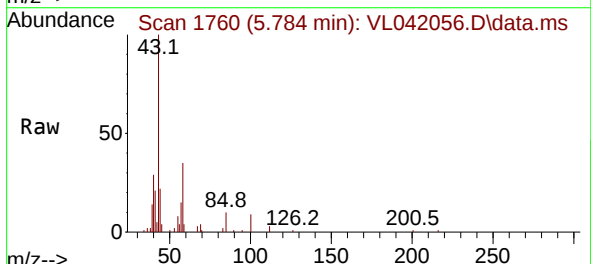
Instrument :
MSVOA_L
ClientSampleId :
IA1

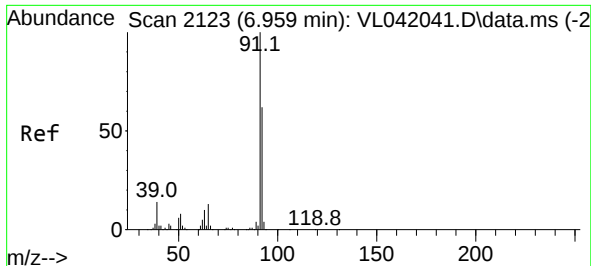
Tgt Ion: 57 Resp: 102302
Ion Ratio Lower Upper
57 100
41 36.8 24.4 36.6#
56 38.2 26.5 39.7



#50
4-Methyl-2-Pentanone
Concen: 0.176 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 43 Resp: 6665
Ion Ratio Lower Upper
43 100
58 93.9 29.3 43.9#

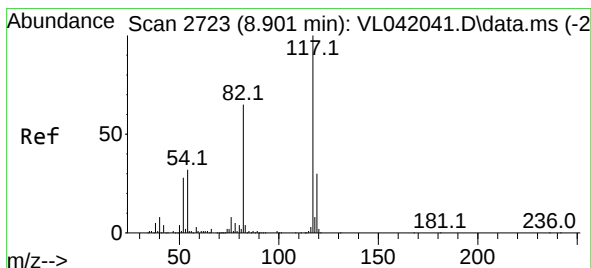
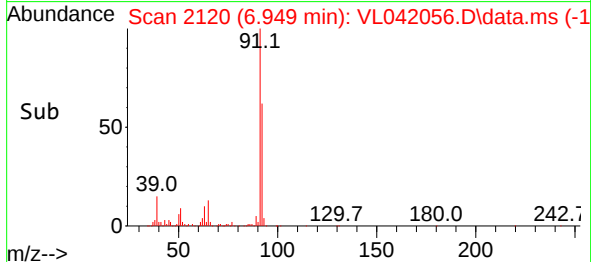
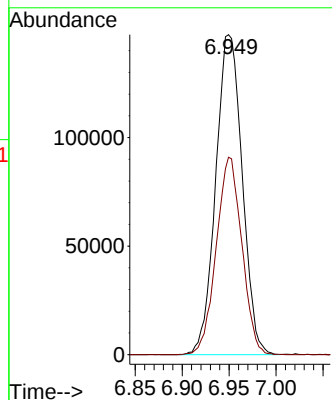
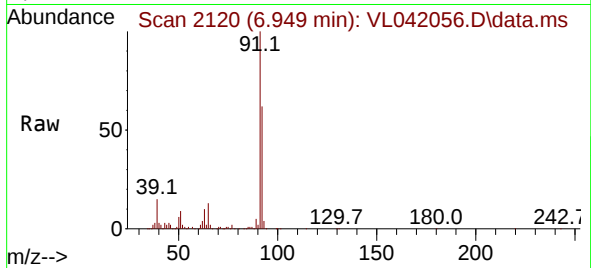




#53
Toluene
Concen: 6.597 ppbv
RT: 6.949 min Scan# 2123
Delta R.T. -0.010 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

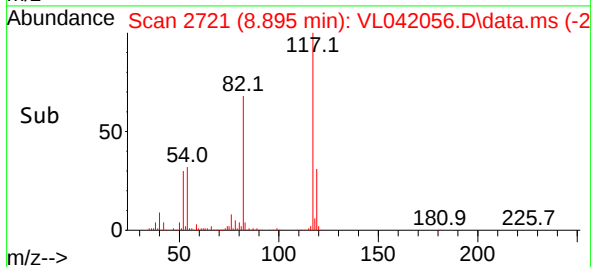
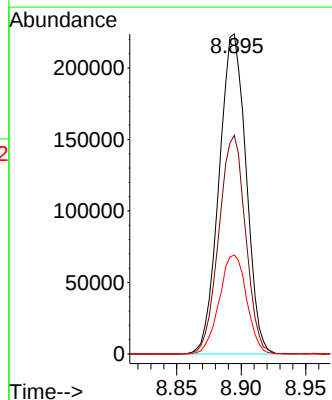
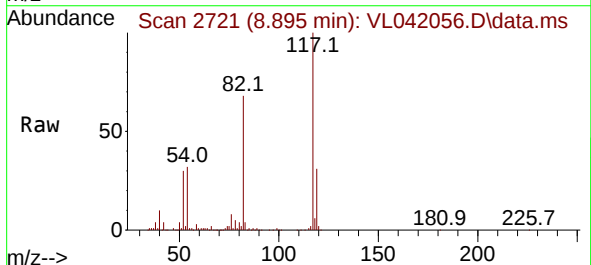
Instrument :
MSVOA_L
ClientSampleId :
IA1

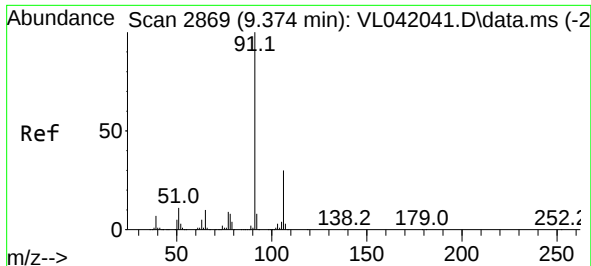
Tgt Ion: 91 Resp: 289557
Ion Ratio Lower Upper
91 100
92 59.6 49.0 73.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 117 Resp: 325039
Ion Ratio Lower Upper
117 100
82 67.6 55.0 82.6
119 31.5 25.9 38.9





#58

Ethyl Benzene

Concen: 0.643 ppbv

RT: 9.367 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042056.D

Acq: 26 Feb 2025 12:14

Instrument :

MSVOA_L

ClientSampleId :

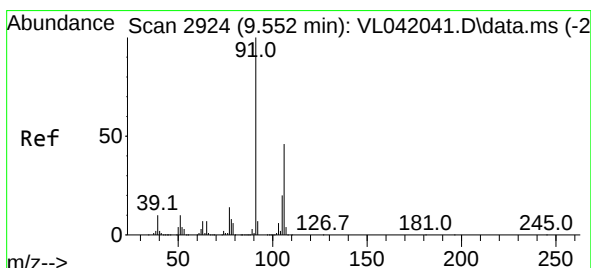
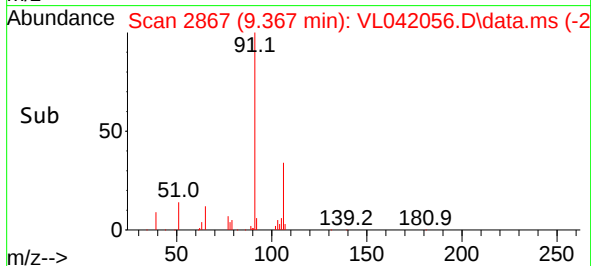
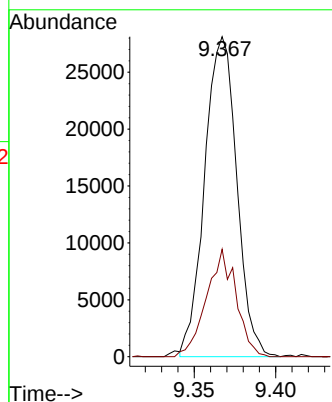
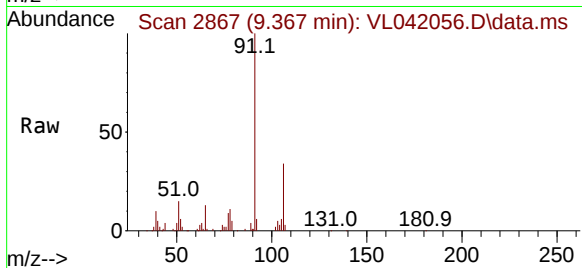
IA1

Tgt Ion: 91 Resp: 38485

Ion Ratio Lower Upper

91 100

106 33.6 24.2 36.2



#59

m/p-Xylene

Concen: 2.578 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.010 min

Lab File: VL042056.D

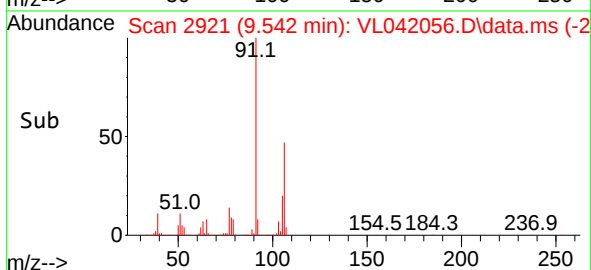
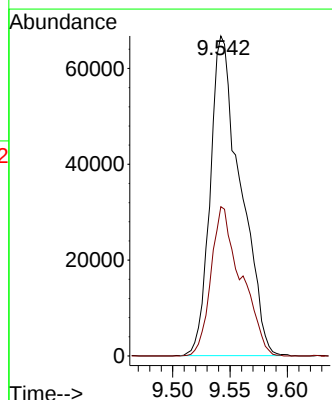
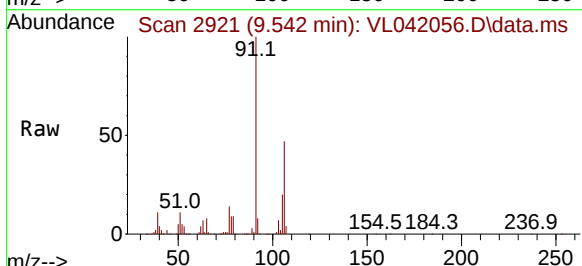
Acq: 26 Feb 2025 12:14

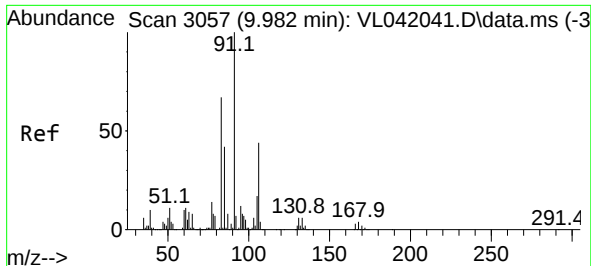
Tgt Ion: 91 Resp: 122792

Ion Ratio Lower Upper

91 100

106 46.4 0.0 0.0#

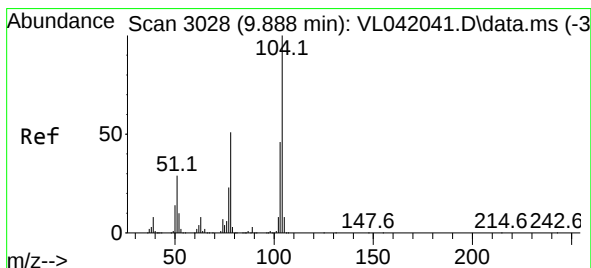
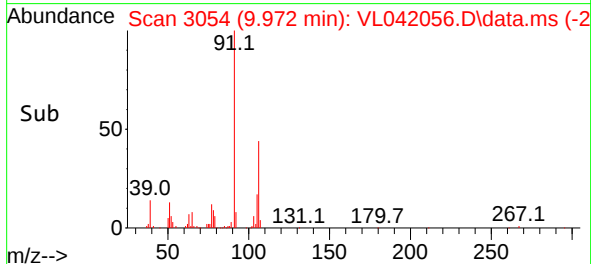
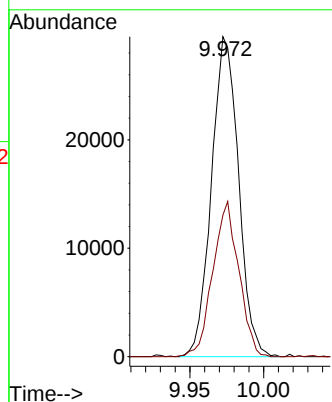
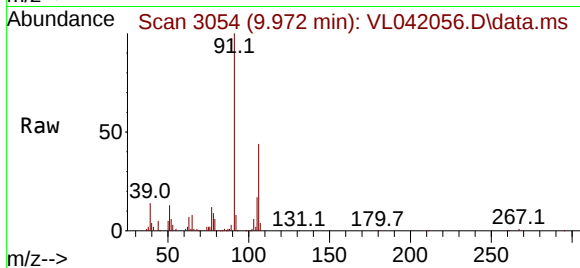




#60
o-Xylene
Concen: 0.788 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.010 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

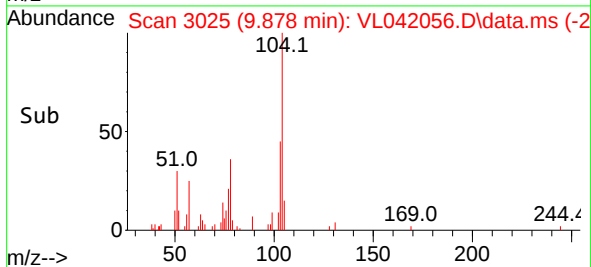
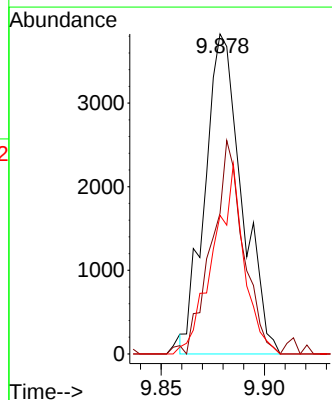
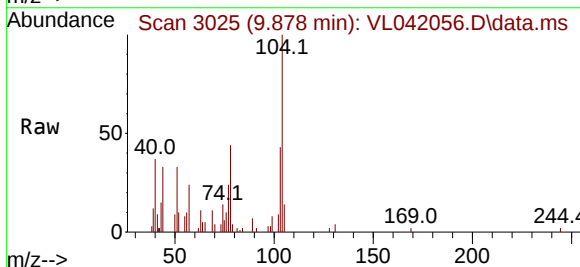
Instrument :
MSVOA_L
ClientSampleId :
IA1

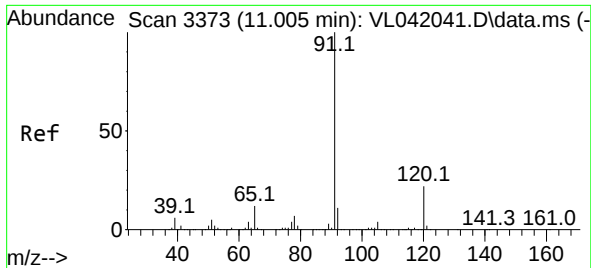
Tgt Ion: 91 Resp: 37715
Ion Ratio Lower Upper
91 100
106 46.4 22.3 66.8



#61
Styrene
Concen: 0.211 ppbv
RT: 9.878 min Scan# 3025
Delta R.T. -0.010 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 104 Resp: 4760
Ion Ratio Lower Upper
104 100
78 59.6 41.0 61.4
103 49.1 37.0 55.6

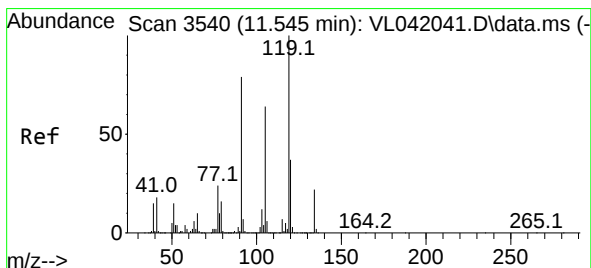
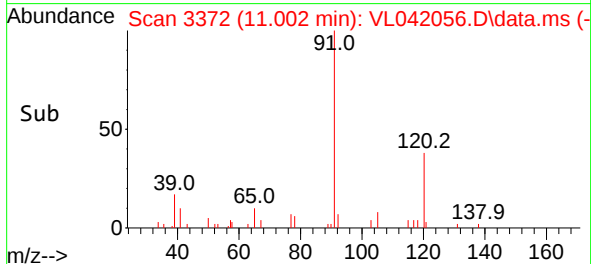
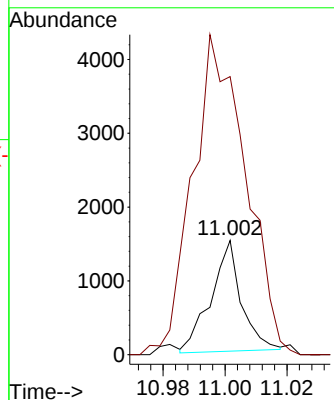
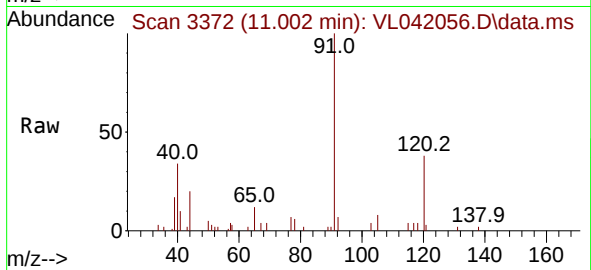




#64
n-propylbenzene
Concen: 0.054 ppbv
RT: 11.002 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

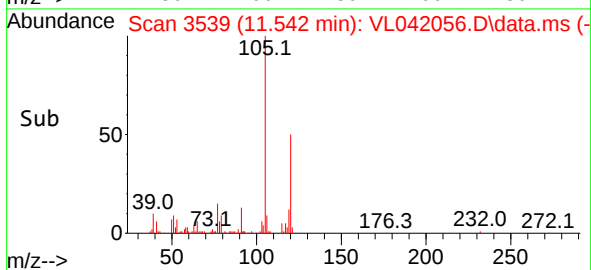
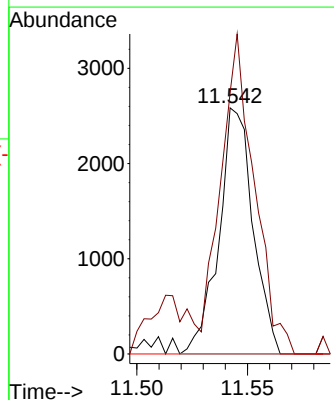
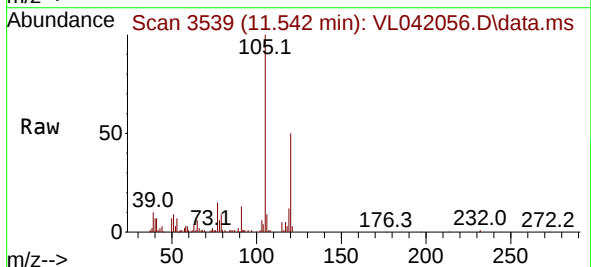
Instrument :
MSVOA_L
ClientSampleId :
IA1

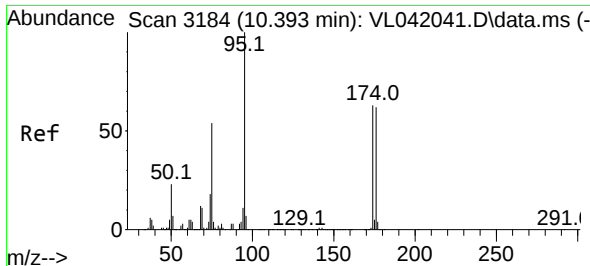
Tgt Ion:120 Resp: 1024
Ion Ratio Lower Upper
120 100
91 507.8 370.6 556.0



#65
tert-Butylbenzene
Concen: 0.043 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion:119 Resp: 2779
Ion Ratio Lower Upper
119 100
91 155.7 64.2 96.2#
134 0.0 17.4 26.2#

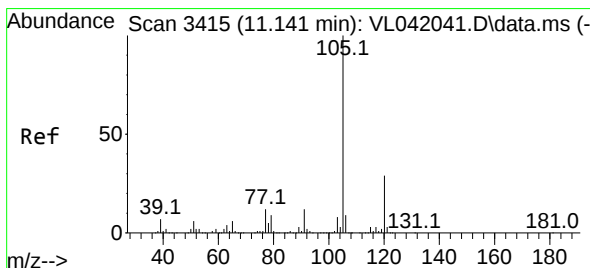
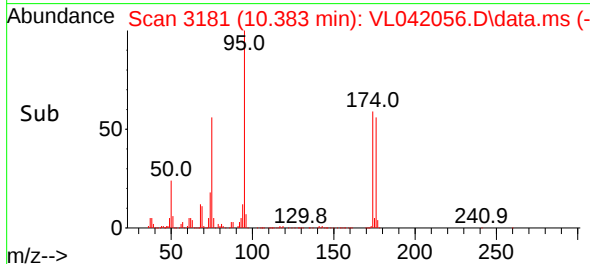
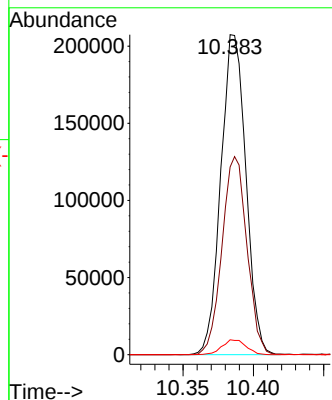
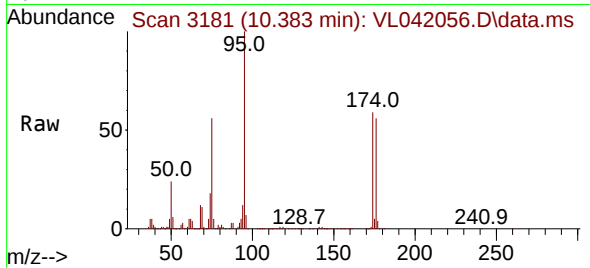




#68
1-Bromo-4-Fluorobenzene
Concen: 10.283 ppbv
RT: 10.383 min Scan# 3184
Delta R.T. -0.010 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

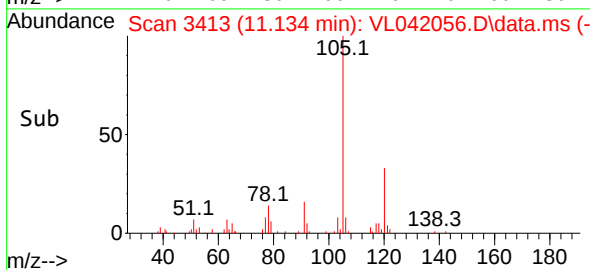
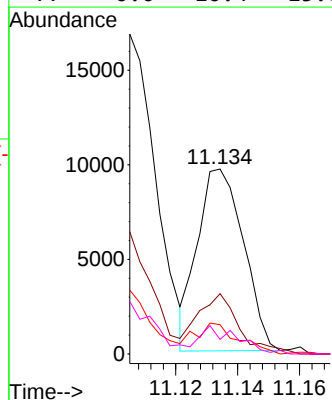
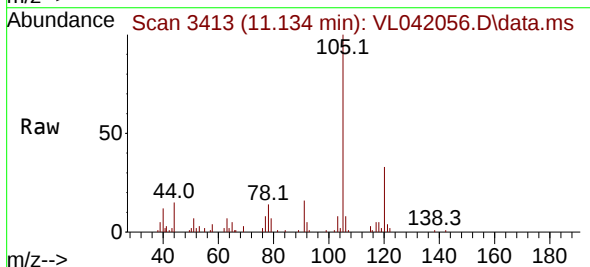
Instrument :
MSVOA_L
ClientSampleId :
IA1

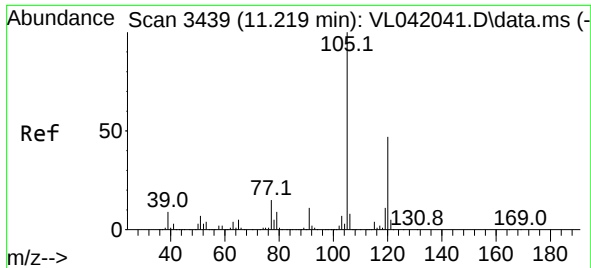
Tgt Ion: 95 Resp: 257137
Ion Ratio Lower Upper
95 100
174 61.6 51.8 77.6
175 4.5 3.9 5.9



#72
4-Ethyltoluene
Concen: 0.170 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.007 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion: 105 Resp: 9913
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1#
91 0.0 10.2 15.4#
77 0.0 10.4 15.6#

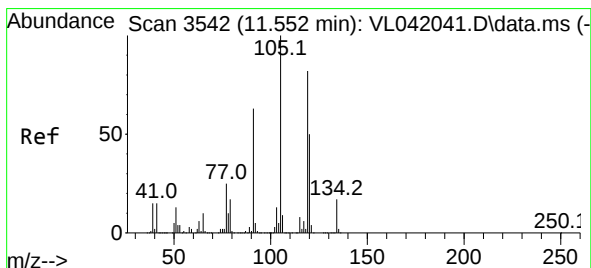
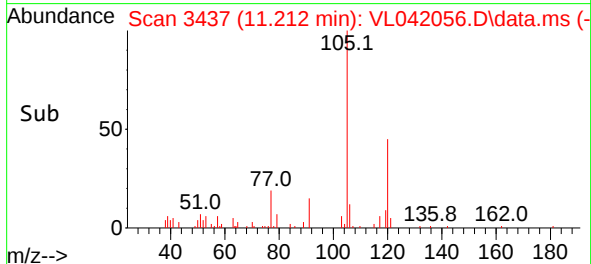
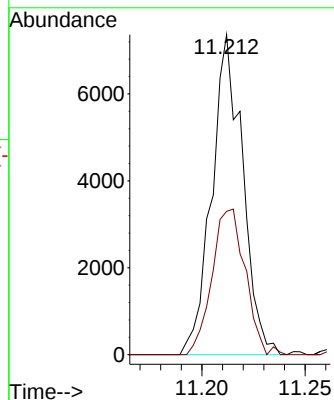
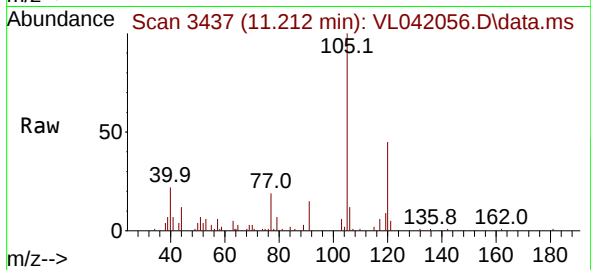




#73
 1,3,5-Trimethylbenzene
 Concen: 0.151 ppbv
 RT: 11.212 min Scan# 3439
 Delta R.T. -0.007 min
 Lab File: VL042056.D
 Acq: 26 Feb 2025 12:14

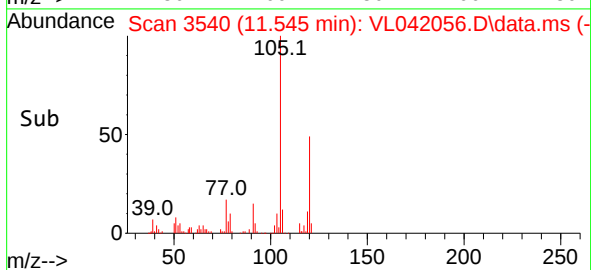
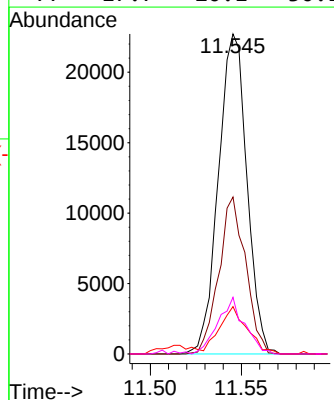
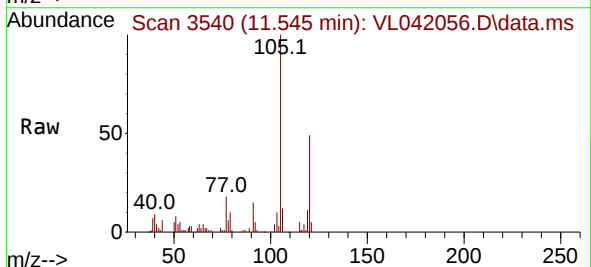
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

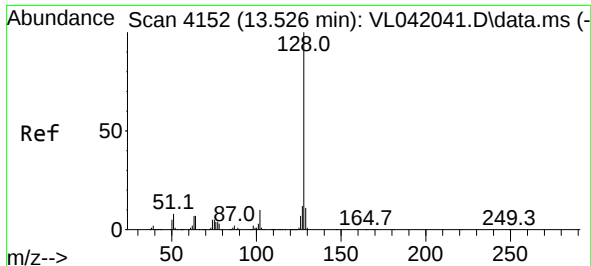
Tgt Ion:105 Resp: 7643
 Ion Ratio Lower Upper
 105 100
 120 44.8 37.4 56.0



#74
 1,2,4-Trimethylbenzene
 Concen: 0.433 ppbv
 RT: 11.545 min Scan# 3540
 Delta R.T. -0.007 min
 Lab File: VL042056.D
 Acq: 26 Feb 2025 12:14

Tgt Ion:105 Resp: 24703
 Ion Ratio Lower Upper
 105 100
 120 49.0 40.2 60.2
 91 14.8 51.4 77.2#
 77 17.7 20.1 30.1#

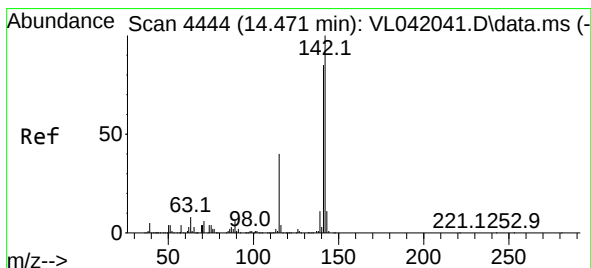
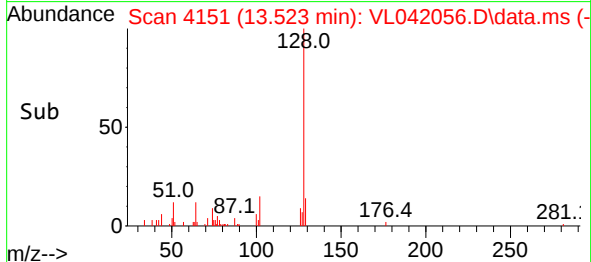
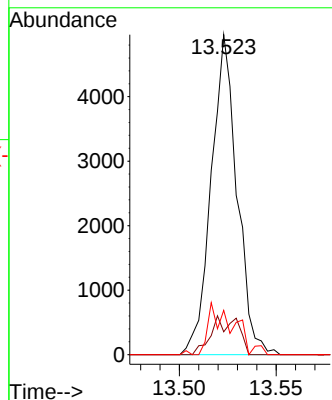
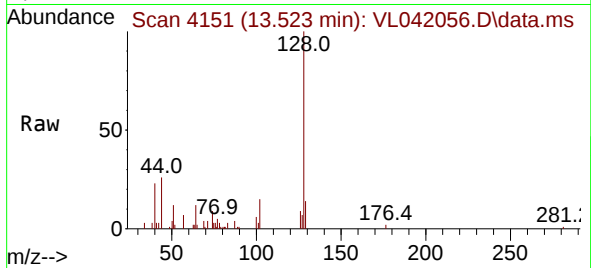




#79
Naphthalene
Concen: 0.118 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:128 Resp: 4612
Ion Ratio Lower Upper
128 100
127 7.1 9.8 14.6#
129 13.8 8.6 12.8#



#80
Naphthalene,2-methyl-
Concen: 0.039 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL042056.D
Acq: 26 Feb 2025 12:14

Tgt Ion:142 Resp: 418
Ion Ratio Lower Upper
142 100
141 73.0 65.8 98.6
115 57.7 29.5 44.3#

