

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043183.D
 Acq On : 11 Nov 2025 10:35
 Operator : SY/MD
 Sample : Q3594-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

Quant Time: Nov 12 00:15:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

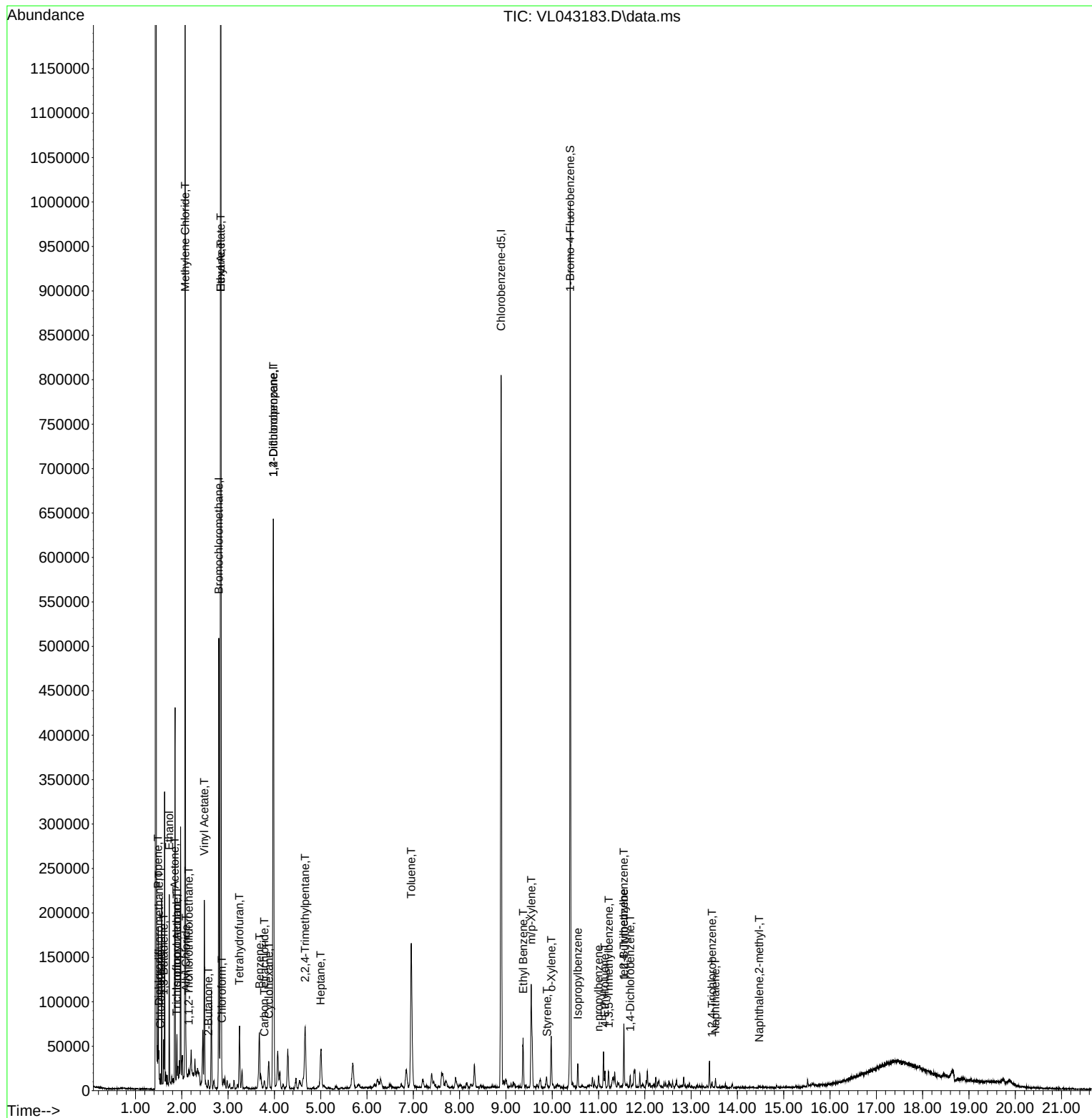
Internal Standards						
1) Bromochloromethane	2.800	49	140511	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	394645	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	333593	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	256040	9.875	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	8708	0.436	ppbv	97
4) Chloromethane	1.538	50	2676	0.338	ppbv	90
9) Propene	1.489	41	25562	2.667	ppbv	90
10) Heptane	5.001	43	21728	0.787	ppbv #	82
11) Trichlorofluoromethane	1.887	101	4349	0.223	ppbv	87
12) 1,1,2-Trichlorotrifluo...	2.149	101	973	0.062	ppbv #	68
13) Ethanol	1.729	45	68541	19.331	ppbv	97
15) Acetone	1.845	43	56506	2.984	ppbv	95
16) 1,3-Butadiene	1.609	39	7192	0.797	ppbv #	50
19) Isopropyl Alcohol	1.894	45	18322	1.553	ppbv #	21
20) Methylene Chloride	2.072	84	199716	26.678	ppbv	96
21) Allyl Chloride	2.088	41	2326	0.167	ppbv #	1
23) Vinyl Acetate	2.486	43	62024	2.236	ppbv #	48
25) Ethyl Acetate	2.842	43	283809	6.043	ppbv #	78
26) Hexane	2.842	57	394652	18.236	ppbv #	42
29) Chloroform	2.865	83	1588	0.051	ppbv	87
30) Cyclohexane	3.881	84	7769	0.411	ppbv #	87
34) 2-Butanone	2.573	43	5785	0.218	ppbv	100
35) Carbon Tetrachloride	3.784	117	1016	0.036	ppbv #	68
36) Benzene	3.677	78	40587	1.092	ppbv	96
39) 1,2-Dichloropropane	3.978	63	99874	7.350	ppbv #	24
41) Tetrahydrofuran	3.243	42	5318	0.358	ppbv #	37
44) 2,2,4-Trimethylpentane	4.664	57	60409	0.963	ppbv #	87
53) Toluene	6.956	91	114436	2.594	ppbv	98
58) Ethyl Benzene	9.370	91	28290	0.494	ppbv	96
59) m/p-Xylene	9.548	91	71135	1.558	ppbv	100
60) o-Xylene	9.979	91	25428	0.564	ppbv	99
61) Styrene	9.888	104	1871	0.092	ppbv	89
62) Isopropylbenzene	10.552	105	11077	0.136	ppbv	100
64) n-propylbenzene	11.002	120	1026	0.048	ppbv #	2
65) tert-Butylbenzene	11.549	119	3077	0.043	ppbv #	42
72) 4-Ethyltoluene	11.134	105	7310	0.132	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.218	105	6572	0.144	ppbv	90
74) 1,2,4-Trimethylbenzene	11.549	105	23748	0.464	ppbv #	49
76) 1,4-Dichlorobenzene	11.684	146	3083	0.103	ppbv	92
79) Naphthalene	13.526	128	4798	0.090	ppbv #	91
80) Naphthalene,2-methyl-	14.471	142	654	0.047	ppbv #	72
81) 1,2,4-Trichlorobenzene	13.452	180	1079	0.049	ppbv #	81

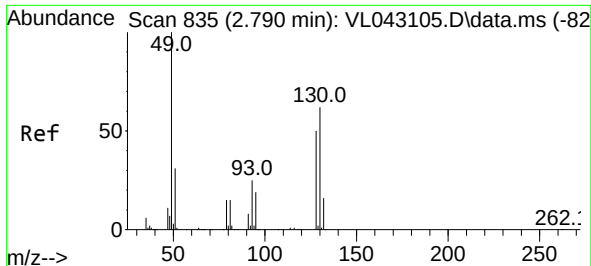
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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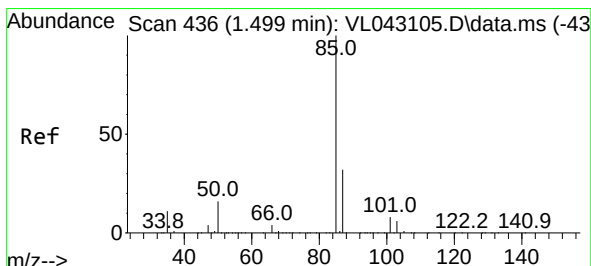
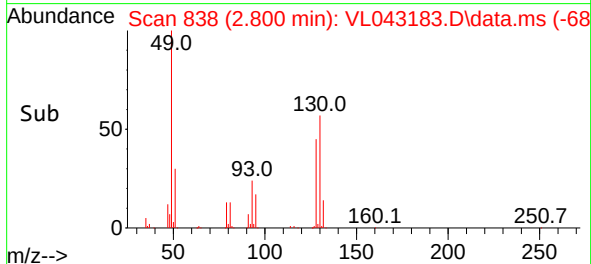
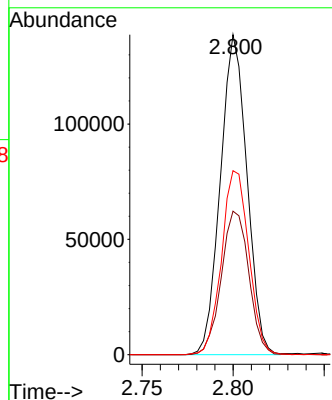
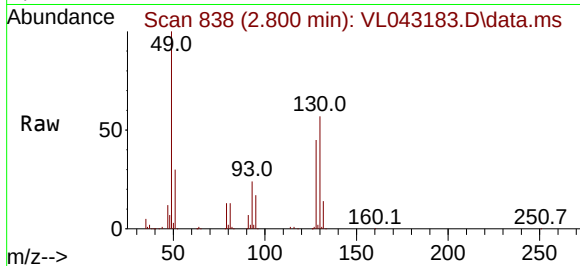




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

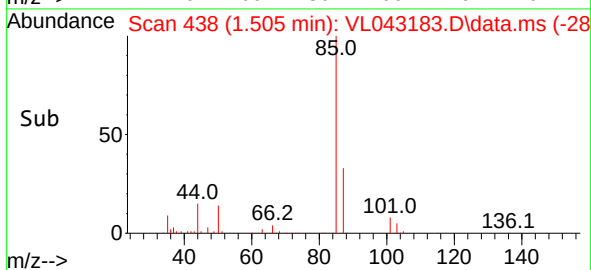
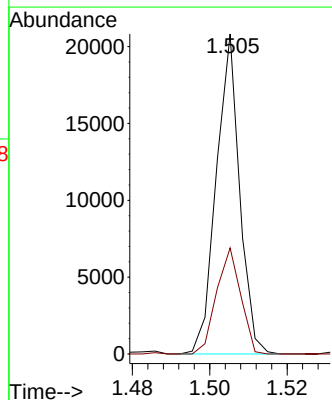
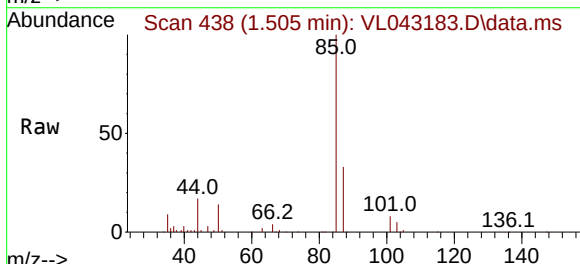
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

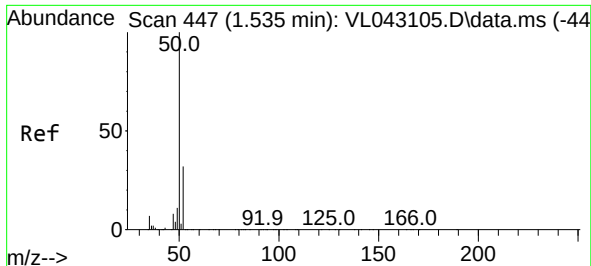
Tgt Ion: 49 Resp: 140511
 Ion Ratio Lower Upper
 49 100
 128 46.6 24.4 73.4
 130 59.0 31.0 93.0



#2
 Dichlorodifluoromethane
 Concen: 0.436 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.006 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

Tgt Ion: 85 Resp: 8708
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.3 37.9

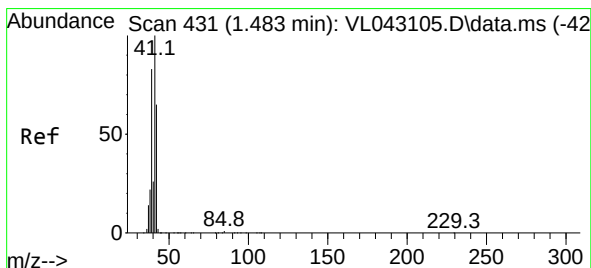
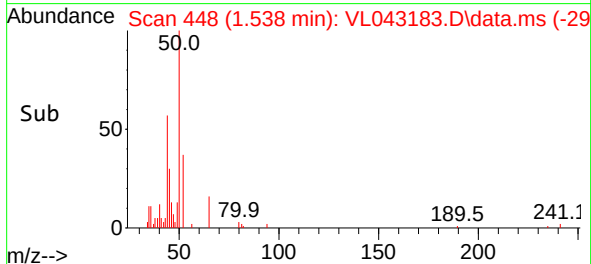
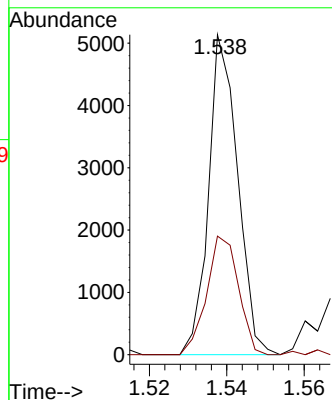
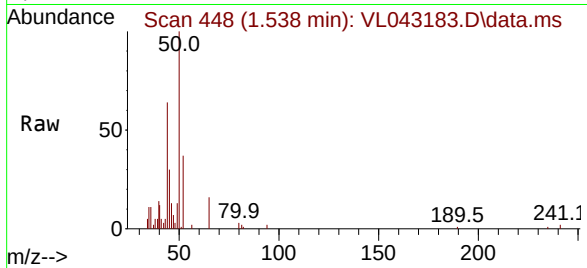




#4
Chloromethane
Concen: 0.338 ppbv
RT: 1.538 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

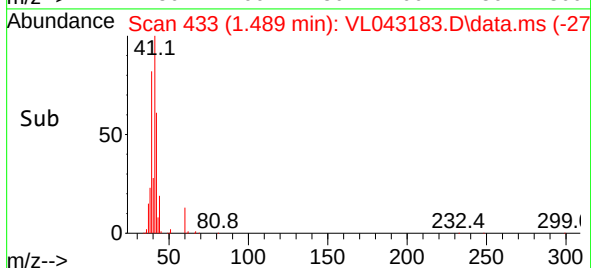
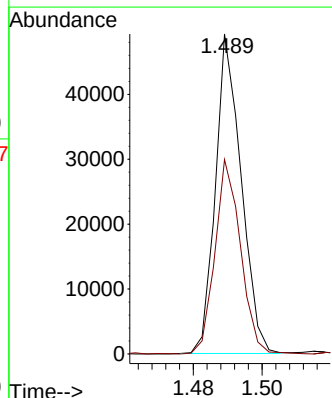
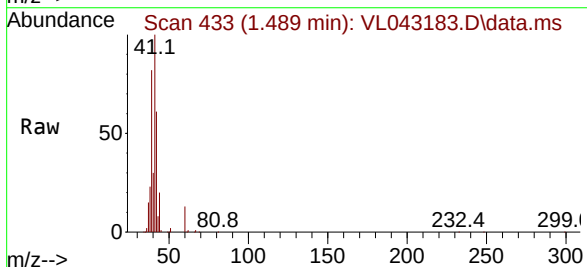
Instrument :
MSVOA_L
ClientSampleId :
IA1A

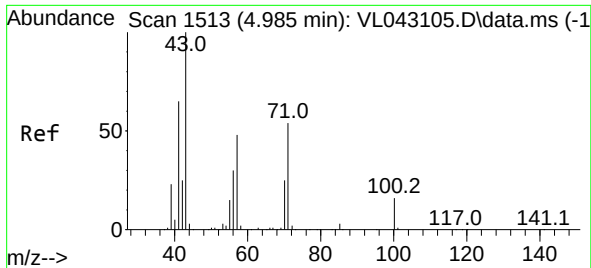
Tgt Ion: 50 Resp: 2676
Ion Ratio Lower Upper
50 100
52 37.1 25.2 37.8



#9
Propene
Concen: 2.667 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion: 41 Resp: 25562
Ion Ratio Lower Upper
41 100
42 60.7 55.1 82.7





#10

Heptane

Concen: 0.787 ppbv

RT: 5.001 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

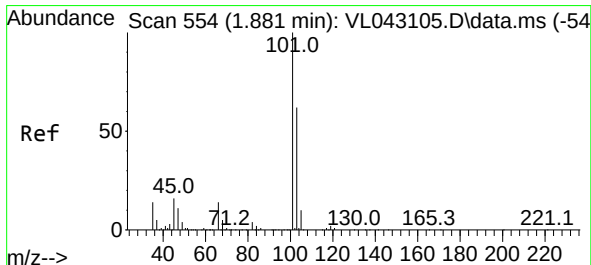
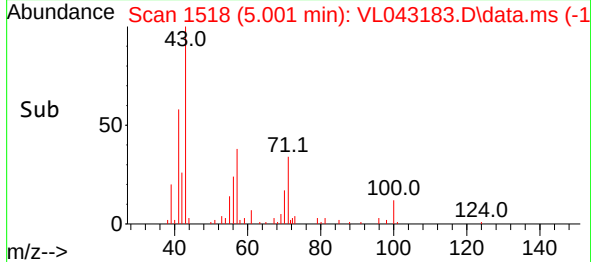
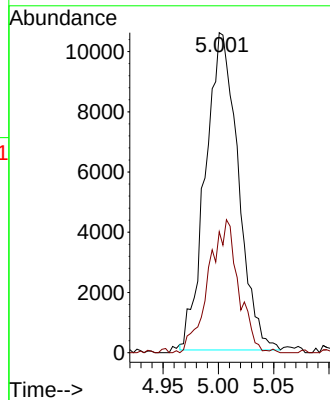
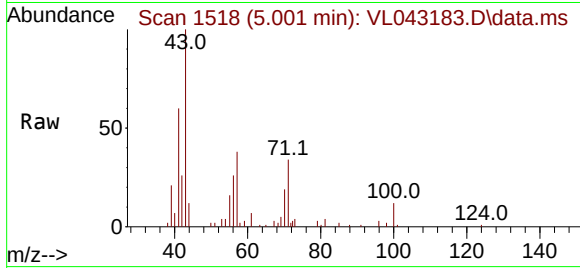
IA1A

Tgt Ion: 43 Resp: 21728

Ion Ratio Lower Upper

43 100

57 38.4 40.8 61.2#



#11

Trichlorofluoromethane

Concen: 0.223 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.006 min

Lab File: VL043183.D

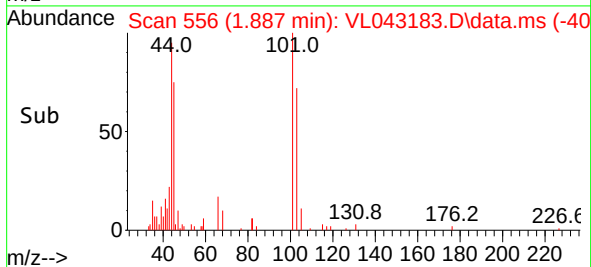
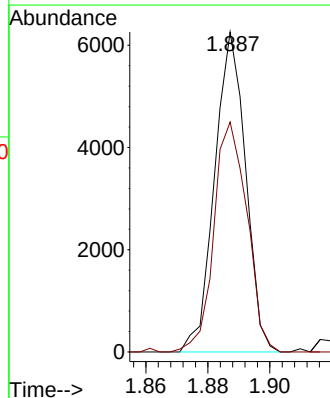
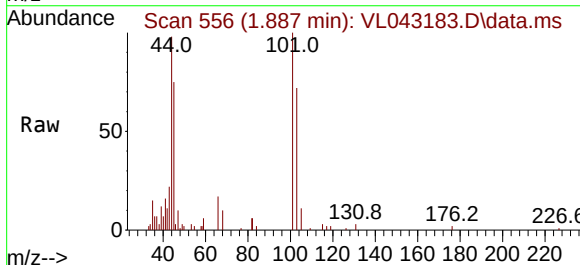
Acq: 11 Nov 2025 10:35

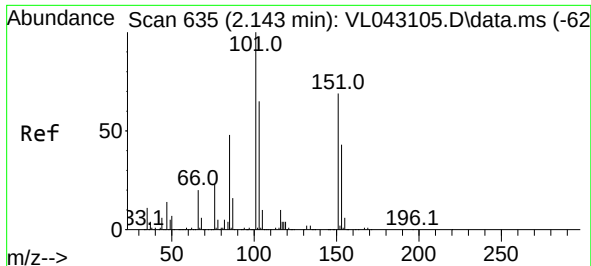
Tgt Ion:101 Resp: 4349

Ion Ratio Lower Upper

101 100

103 71.9 49.3 73.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.062 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

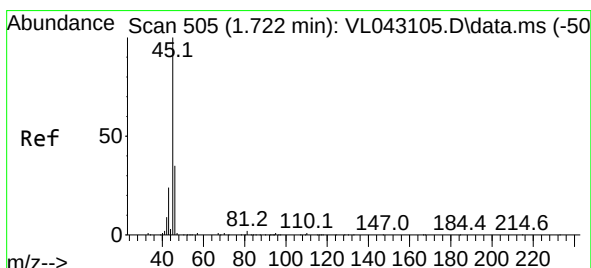
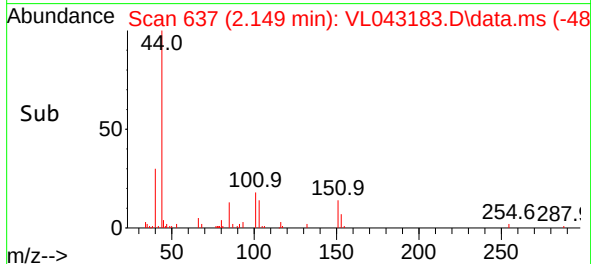
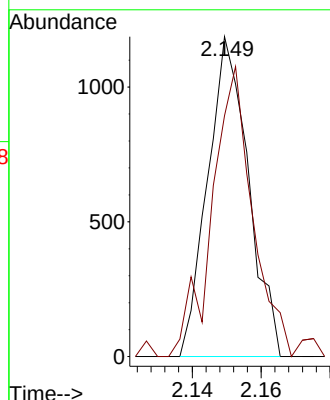
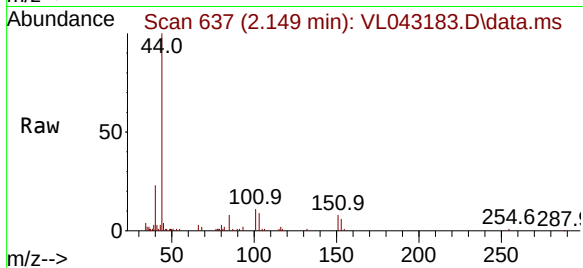
IA1A

Tgt Ion:101 Resp: 973

Ion Ratio Lower Upper

101 100

151 93.9 54.7 82.1#



#13

Ethanol

Concen: 19.331 ppbv

RT: 1.729 min Scan# 507

Delta R.T. 0.006 min

Lab File: VL043183.D

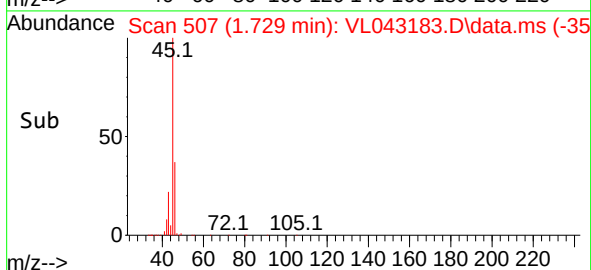
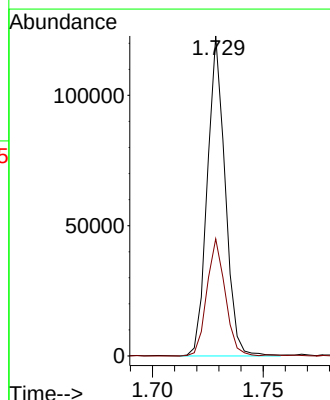
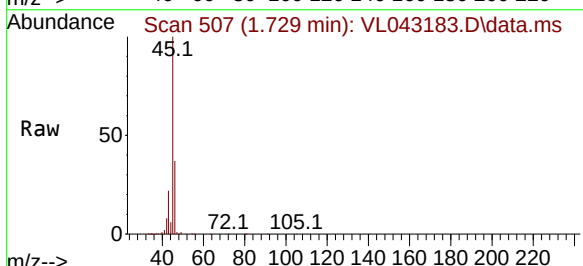
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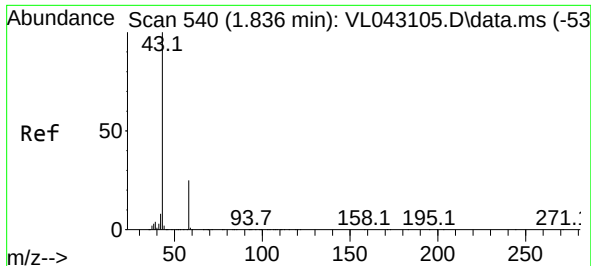
Tgt Ion: 45 Resp: 68541

Ion Ratio Lower Upper

45 100

46 38.3 14.7 58.9





#15

Acetone

Concen: 2.984 ppbv

RT: 1.845 min Scan# 54

Delta R.T. 0.009 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

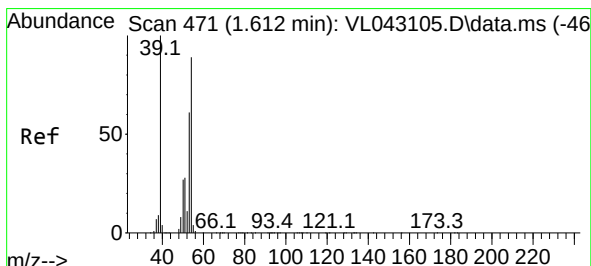
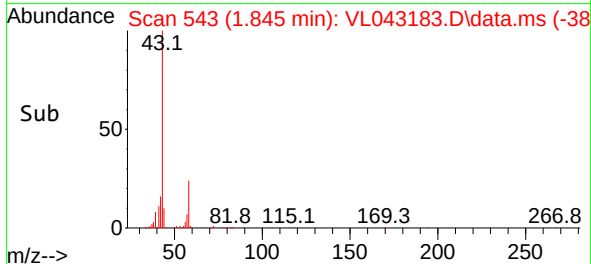
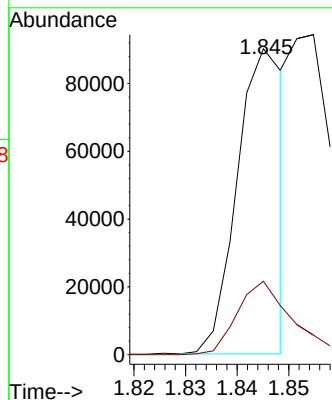
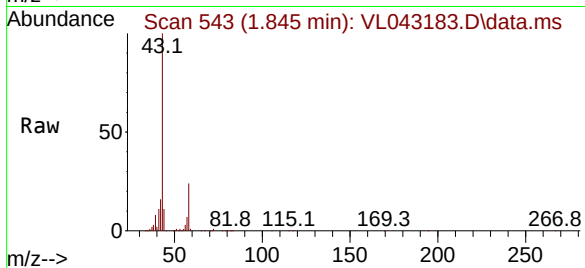
IA1A

Tgt Ion: 43 Resp: 56506

Ion Ratio Lower Upper

43 100

58 28.4 20.8 31.2



#16

1,3-Butadiene

Concen: 0.797 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.003 min

Lab File: VL043183.D

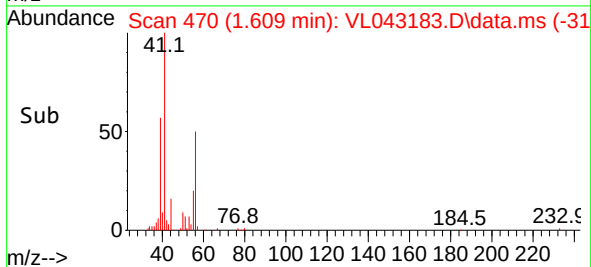
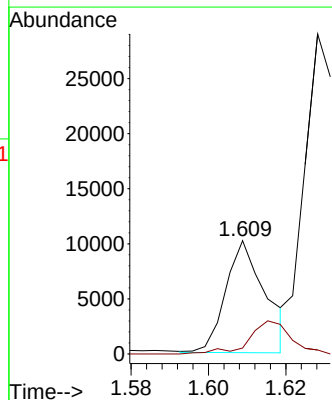
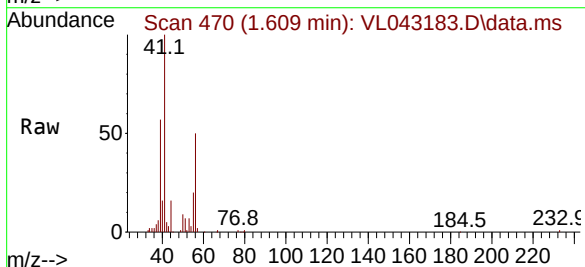
Acq: 11 Nov 2025 10:35

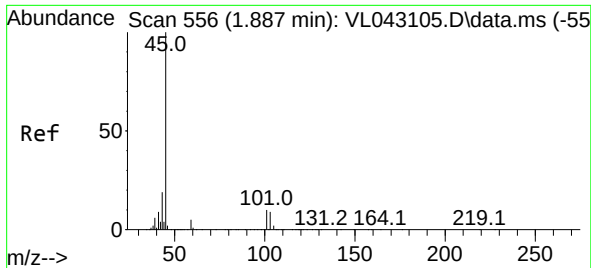
Tgt Ion: 39 Resp: 7192

Ion Ratio Lower Upper

39 100

54 31.7 59.0 88.4#





#19

Isopropyl Alcohol

Concen: 1.553 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

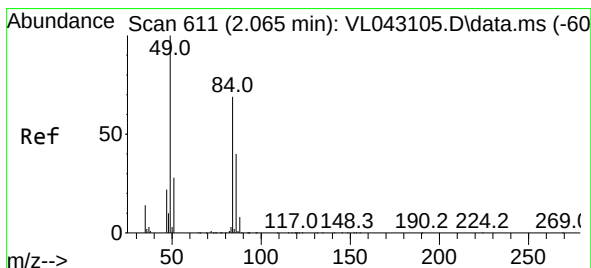
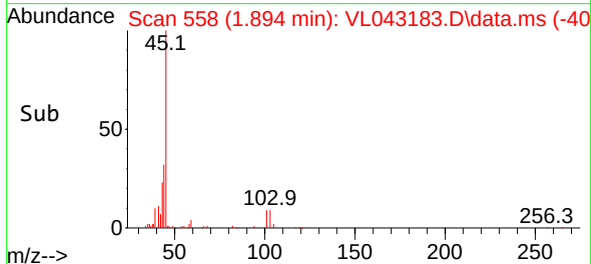
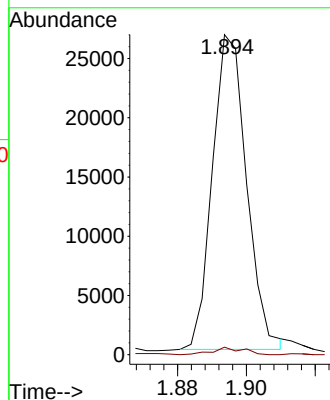
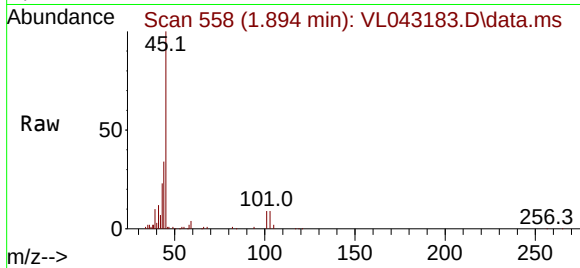
IA1A

Tgt Ion: 45 Resp: 18322

Ion Ratio Lower Upper

45 100

58 87.5 31.3 46.9#



#20

Methylene Chloride

Concen: 26.678 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.006 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Tgt Ion: 84 Resp: 199716

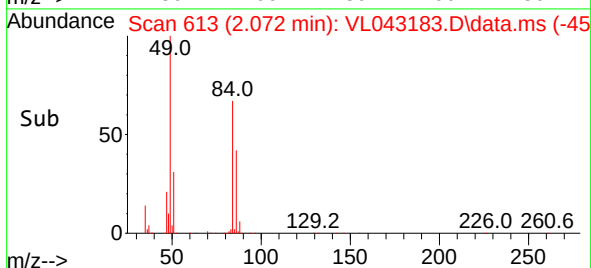
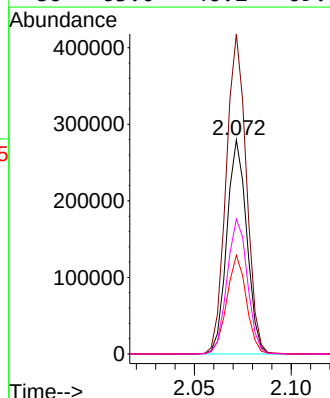
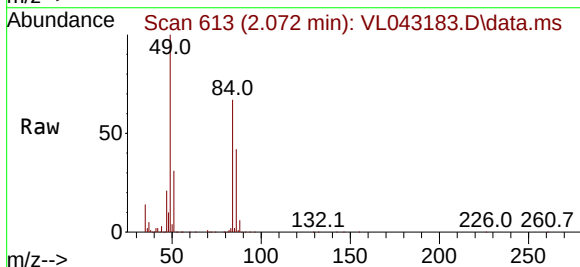
Ion Ratio Lower Upper

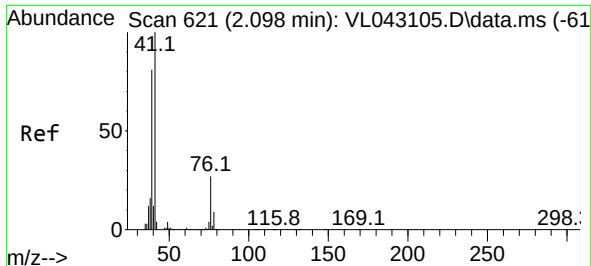
84 100

49 149.4 116.6 175.0

51 46.0 34.8 52.2

86 63.0 46.2 69.4

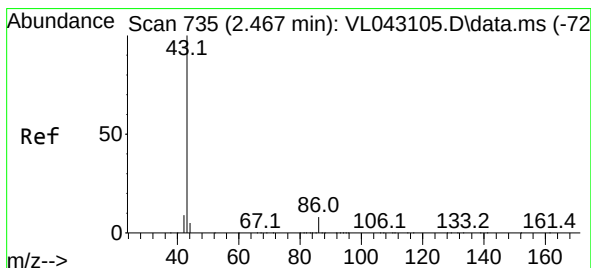
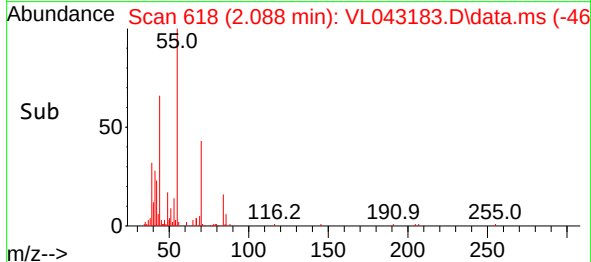
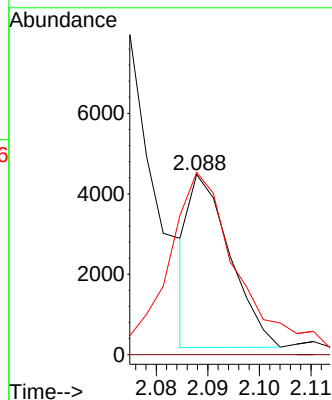
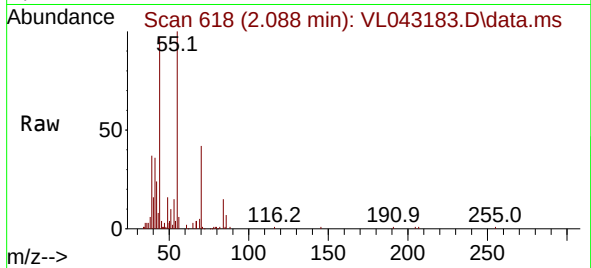




#21
 Allyl Chloride
 Concen: 0.167 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

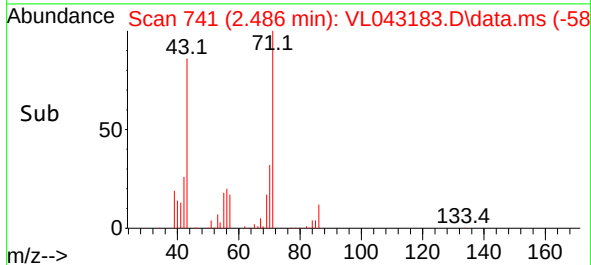
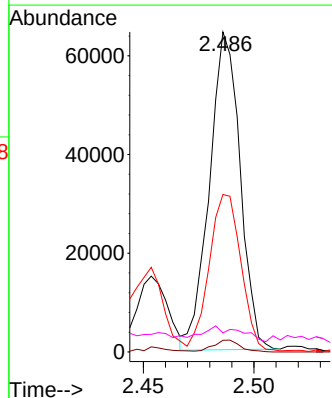
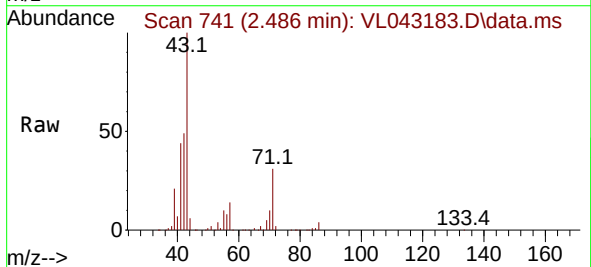
Instrument :
 MSVOA_L
 ClientSampleId :
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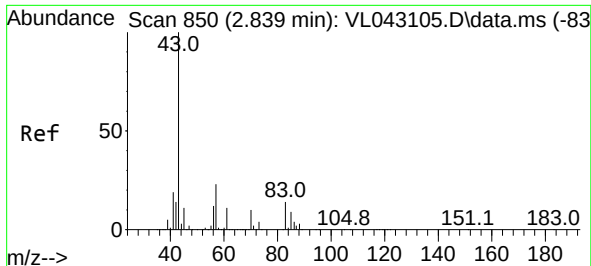
Tgt Ion: 41 Resp: 2326
 Ion Ratio Lower Upper
 41 100
 76 0.0 21.5 32.3#
 39 233.2 60.8 91.2#



#23
 Vinyl Acetate
 Concen: 2.236 ppbv
 RT: 2.486 min Scan# 741
 Delta R.T. 0.019 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

Tgt Ion: 43 Resp: 62024
 Ion Ratio Lower Upper
 43 100
 86 3.7 6.2 9.2#
 42 49.3 7.6 11.4#
 44 2.2 4.2 6.4#

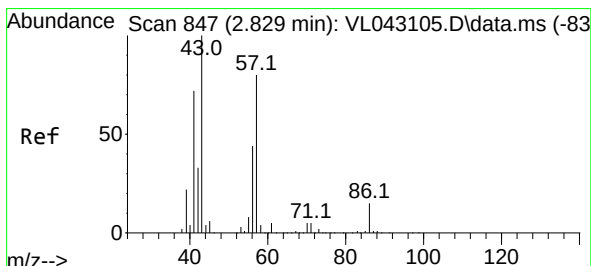
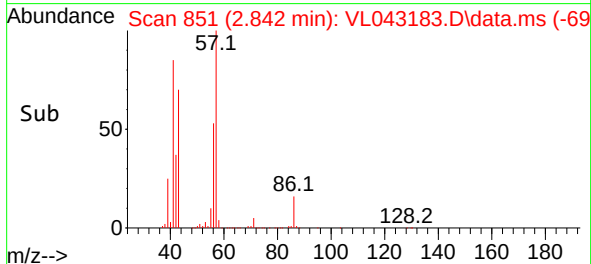
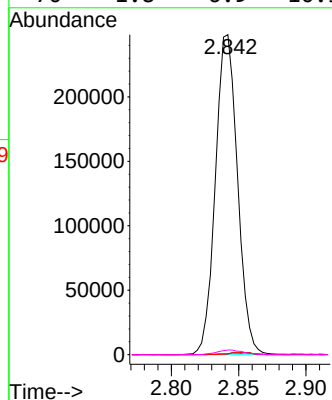
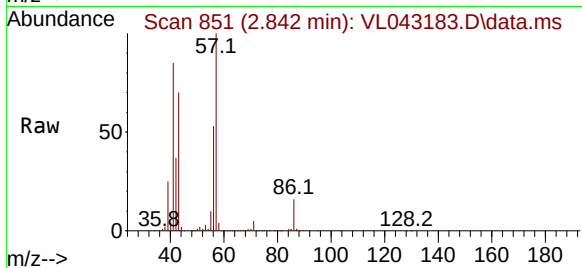




#25
Ethyl Acetate
Concen: 6.043 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

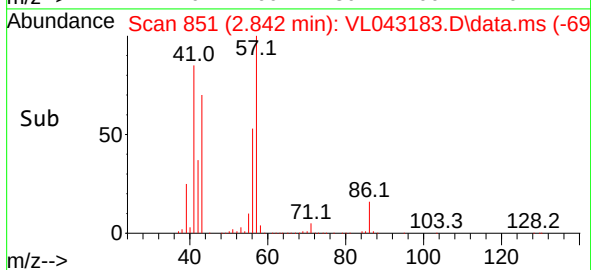
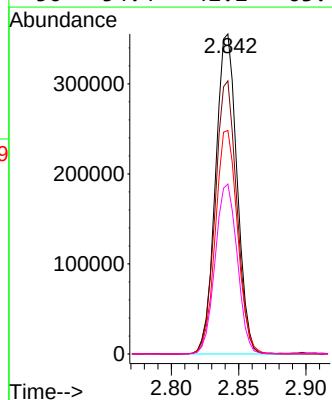
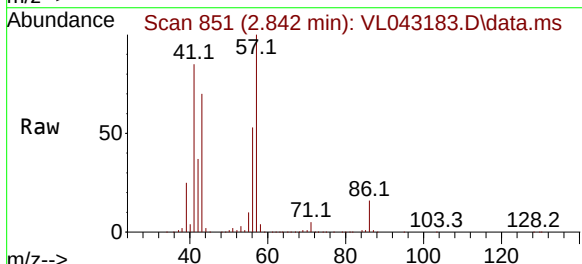
Instrument :
MSVOA_L
ClientSampleId :
IA1A

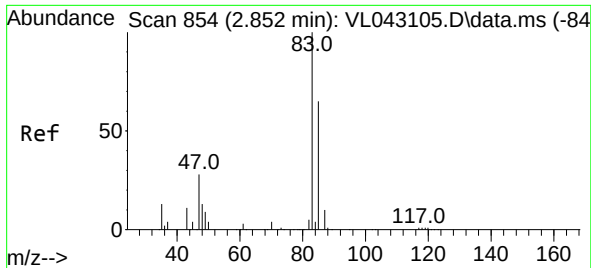
Tgt Ion: 43	Resp: 283809
Ion Ratio	Lower Upper
43 100	
45 0.8	7.8 11.8#
61 0.7	7.0 10.6#
70 1.8	6.9 10.3#



#26
Hexane
Concen: 18.236 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt	Ion: 57	Resp:	394652
Ion	Ratio	Lower	Upper
57	100		
41	85.6	71.4	107.0
43	72.1	178.5	267.7#
56	54.4	42.2	63.4

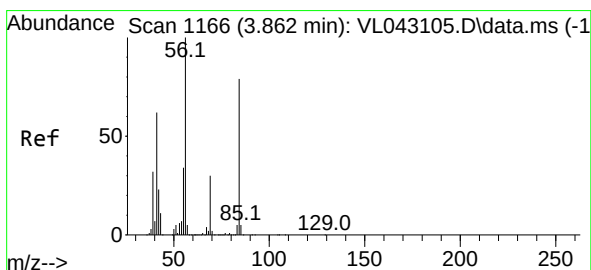
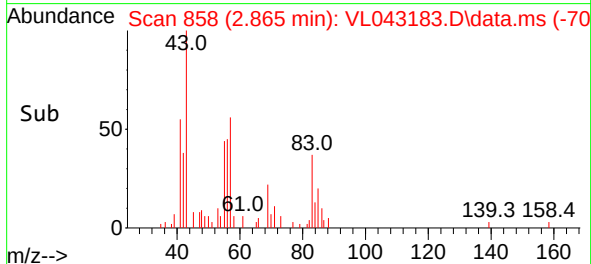
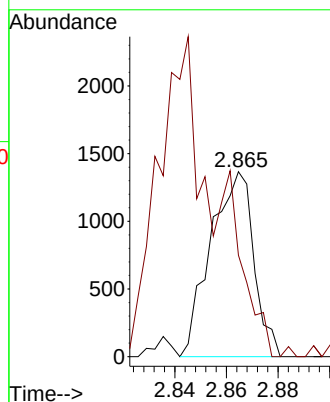
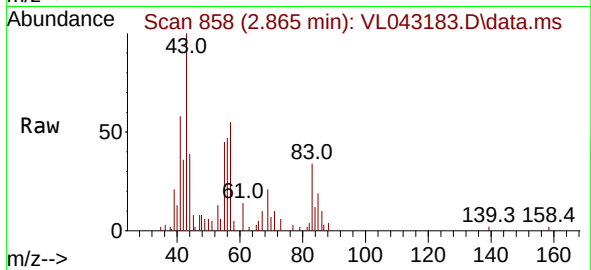




#29
Chloroform
Concen: 0.051 ppbv
RT: 2.865 min Scan# 854
Delta R.T. 0.013 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

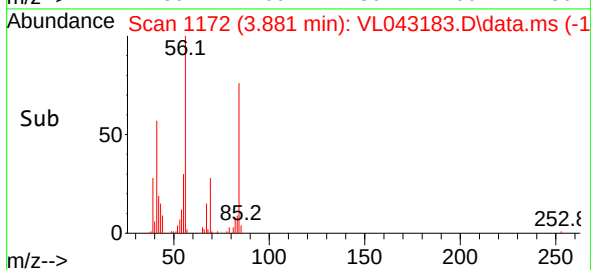
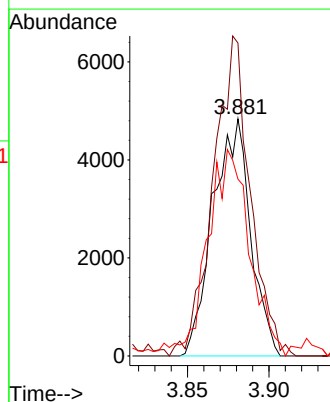
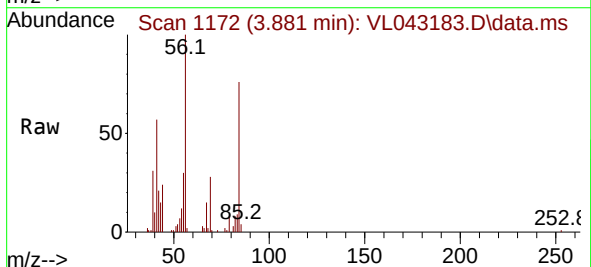
Instrument :
MSVOA_L
ClientSampleId :
IA1A

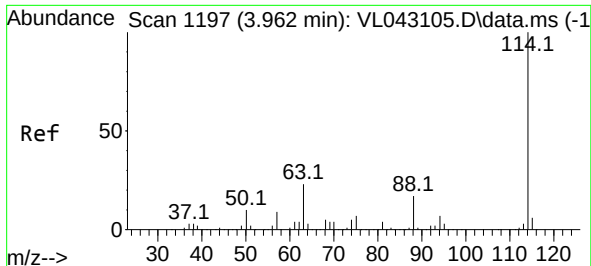
Tgt Ion: 83 Resp: 1588
Ion Ratio Lower Upper
83 100
85 54.8 51.8 77.6



#30
Cyclohexane
Concen: 0.411 ppbv
RT: 3.881 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion: 84 Resp: 7769
Ion Ratio Lower Upper
84 100
56 131.9 100.9 151.3
41 101.6 63.8 95.6#

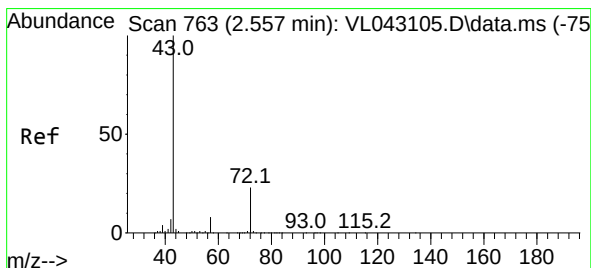
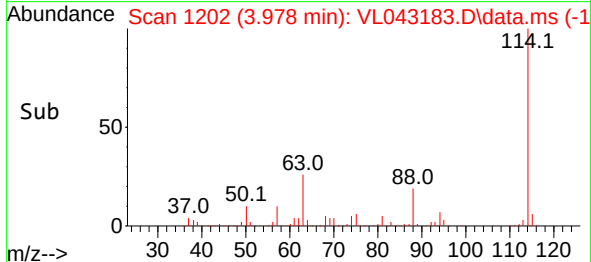
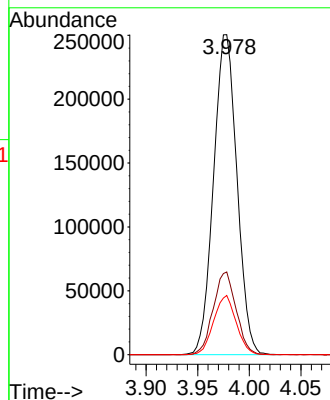
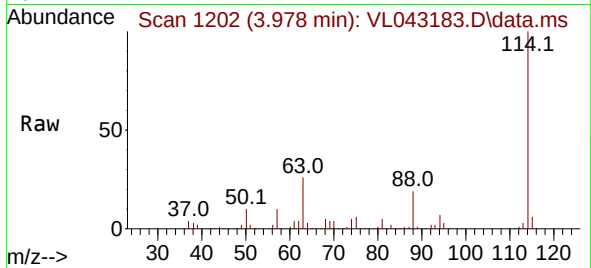




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 1197
 Delta R.T. 0.016 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

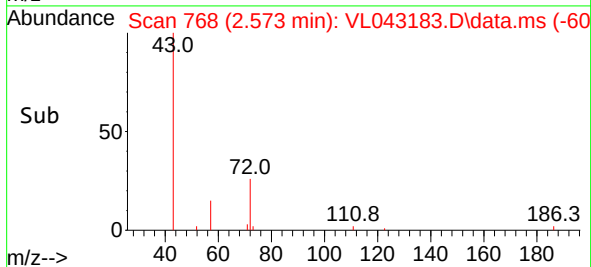
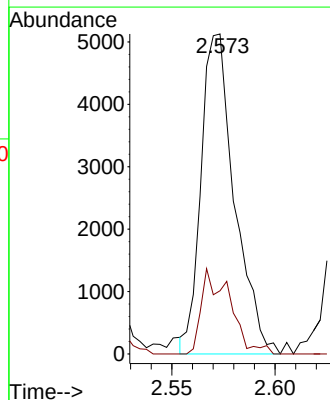
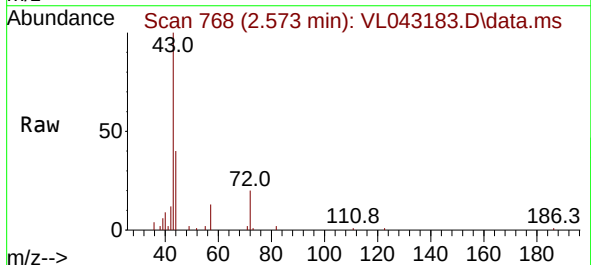
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1A

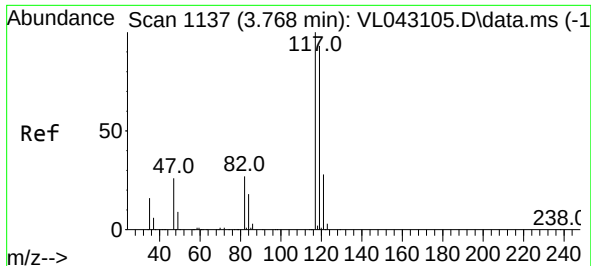
Tgt Ion:114 Resp: 394645
 Ion Ratio Lower Upper
 114 100
 63 25.4 19.3 28.9
 88 17.8 13.9 20.9



#34
 2-Butanone
 Concen: 0.218 ppbv
 RT: 2.573 min Scan# 768
 Delta R.T. 0.016 min
 Lab File: VL043183.D
 Acq: 11 Nov 2025 10:35

Tgt Ion: 43 Resp: 5785
 Ion Ratio Lower Upper
 43 100
 72 22.8 18.4 27.6

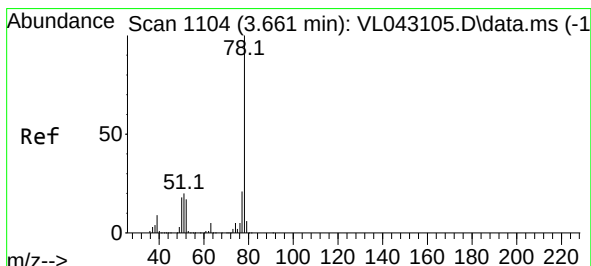
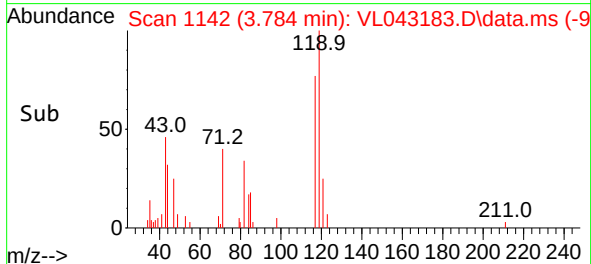
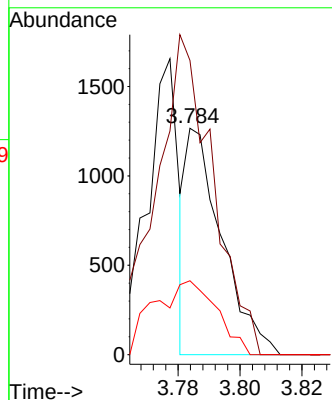
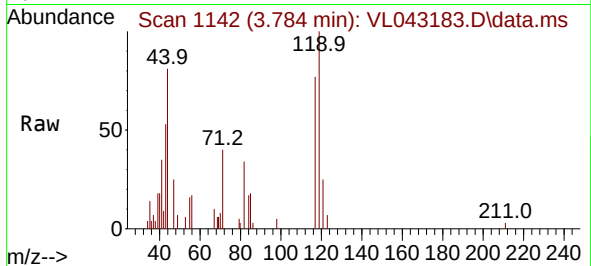




#35
Carbon Tetrachloride
Concen: 0.036 ppbv
RT: 3.784 min Scan# 1137
Delta R.T. 0.016 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

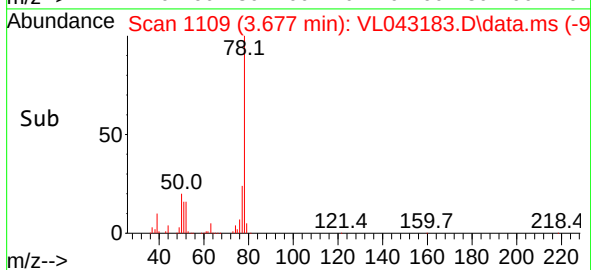
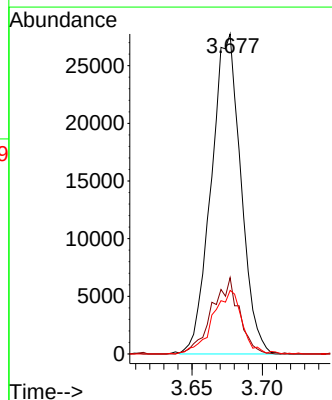
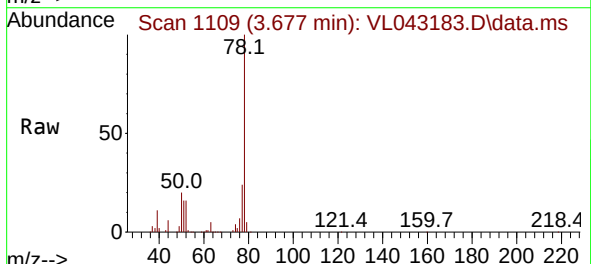
Instrument :
MSVOA_L
ClientSampleId :
IA1A

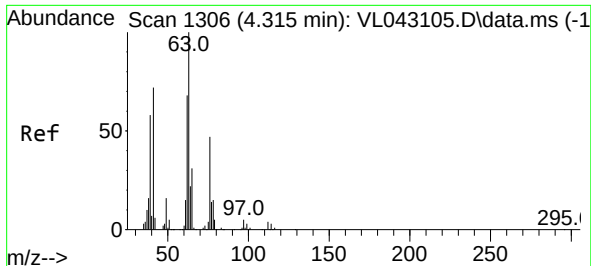
Tgt Ion:117 Resp: 1016
Ion Ratio Lower Upper
117 100
119 130.0 74.1 111.1#
121 32.6 22.2 33.2



#36
Benzene
Concen: 1.092 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.016 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion: 78 Resp: 40587
Ion Ratio Lower Upper
78 100
77 23.9 17.0 25.6
50 19.6 14.6 22.0





#39

1,2-Dichloropropane

Concen: 7.350 ppbv

RT: 3.978 min Scan# 1

Delta R.T. -0.337 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

IA1A

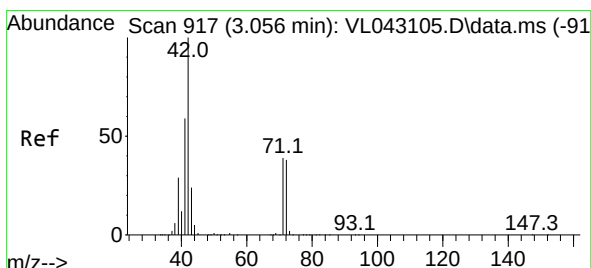
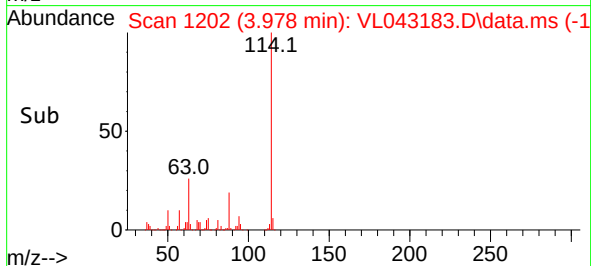
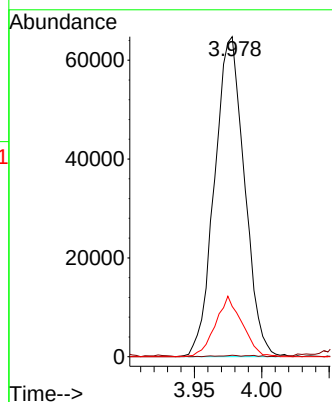
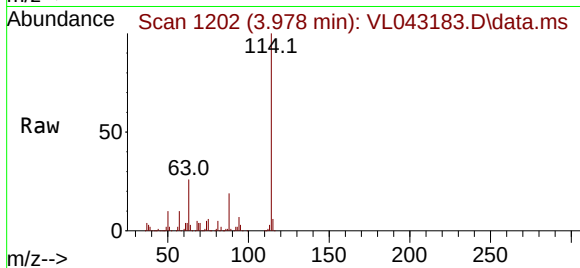
Tgt Ion: 63 Resp: 99874

Ion Ratio Lower Upper

63 100

41 0.3 58.0 87.0#

62 15.7 54.7 82.1#



#41

Tetrahydrofuran

Concen: 0.358 ppbv

RT: 3.243 min Scan# 975

Delta R.T. 0.187 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

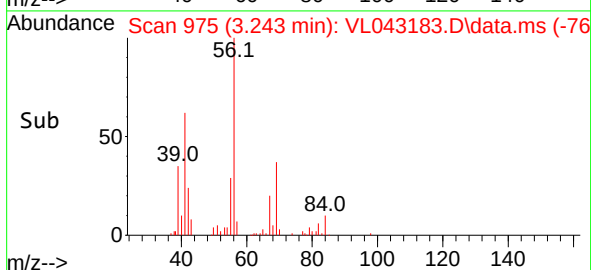
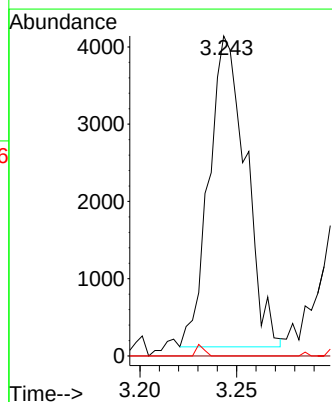
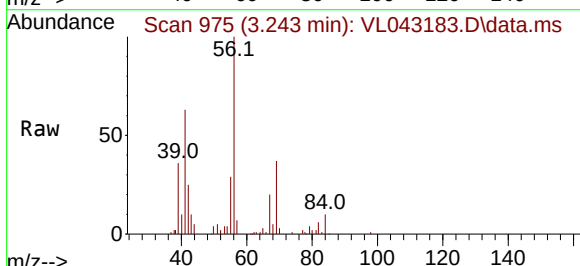
Tgt Ion: 42 Resp: 5318

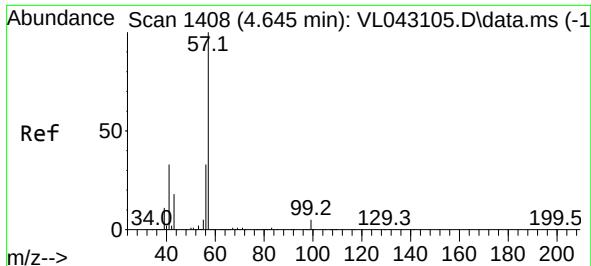
Ion Ratio Lower Upper

42 100

72 0.9 31.3 46.9#

71 0.0 30.4 45.6#





#44

2,2,4-Trimethylpentane

Concen: 0.963 ppbv

RT: 4.664 min Scan# 1408

Delta R.T. 0.019 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

IA1A

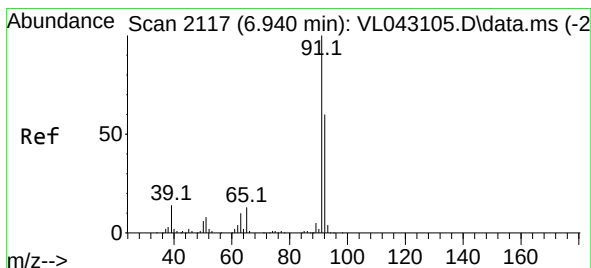
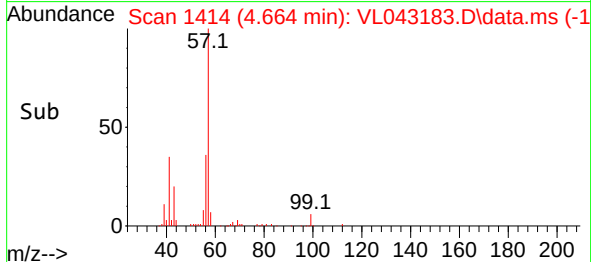
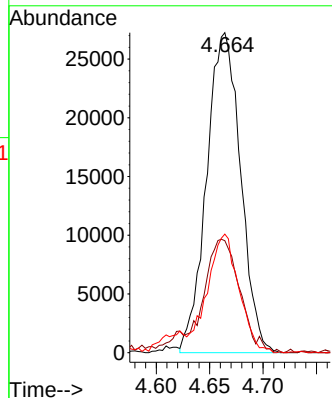
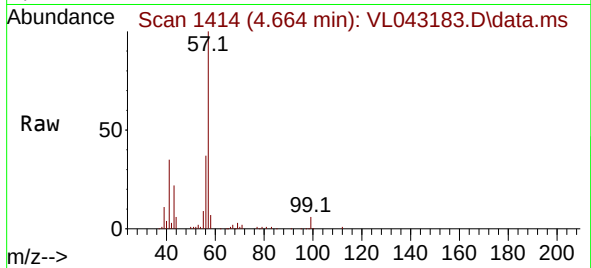
Tgt Ion: 57 Resp: 60409

Ion Ratio Lower Upper

57 100

41 39.9 26.3 39.5#

56 39.6 25.9 38.9#



#53

Toluene

Concen: 2.594 ppbv

RT: 6.956 min Scan# 2122

Delta R.T. 0.016 min

Lab File: VL043183.D

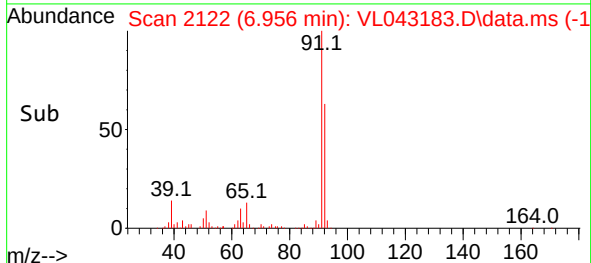
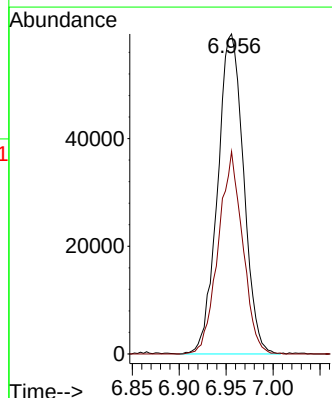
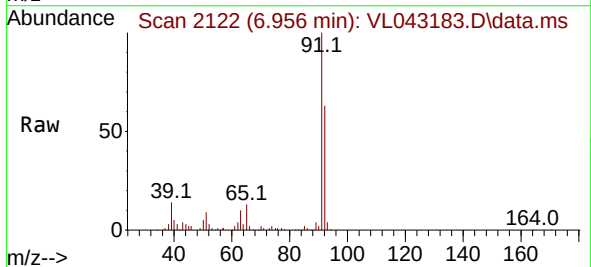
Acq: 11 Nov 2025 10:35

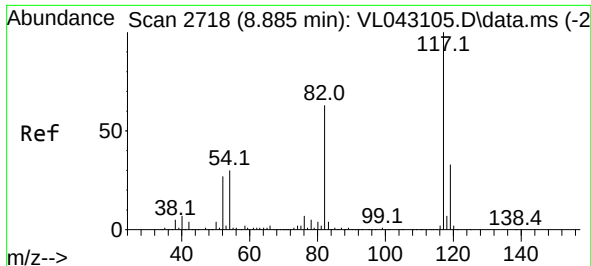
Tgt Ion: 91 Resp: 114436

Ion Ratio Lower Upper

91 100

92 59.3 48.8 73.2

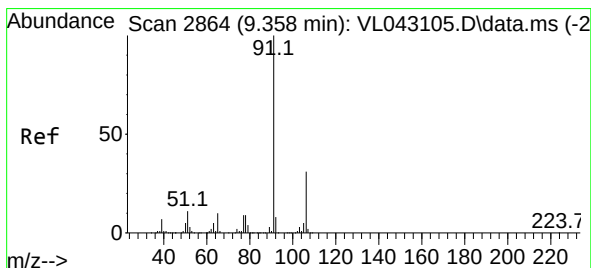
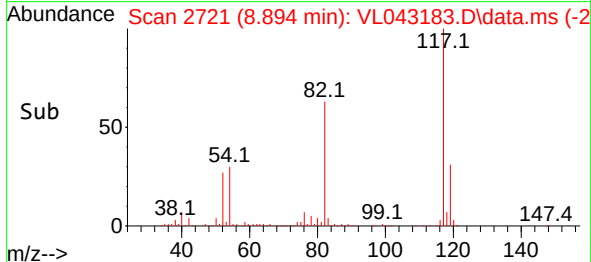
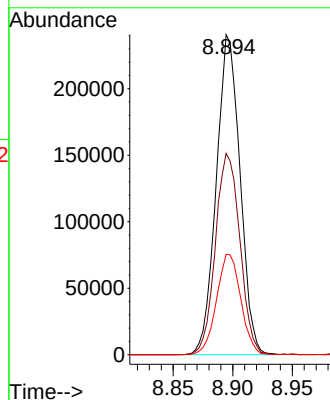
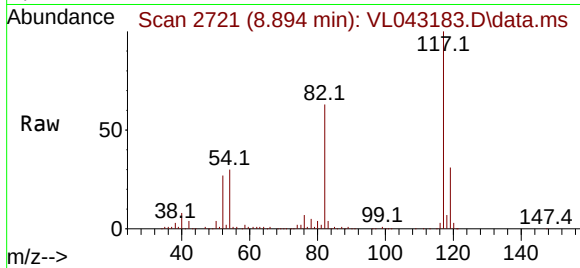




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

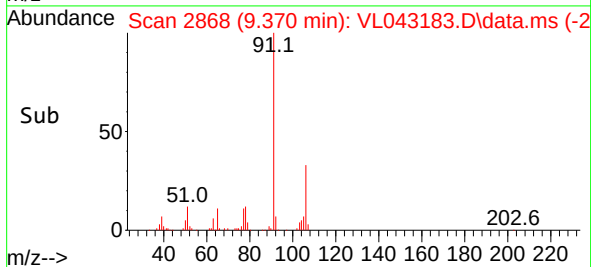
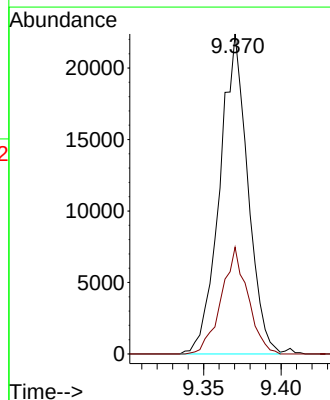
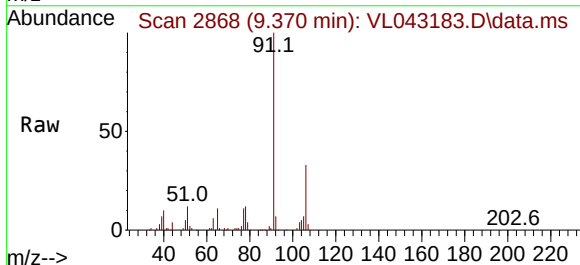
Instrument :
MSVOA_L
ClientSampleId :
IA1A

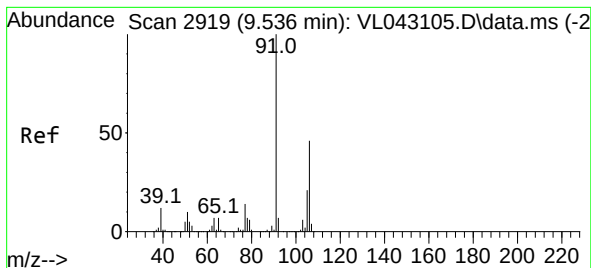
Tgt Ion:117 Resp: 333593
Ion Ratio Lower Upper
117 100
82 64.8 53.8 80.8
119 32.1 25.4 38.0



#58
Ethyl Benzene
Concen: 0.494 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.013 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion: 91 Resp: 28290
Ion Ratio Lower Upper
91 100
106 33.4 24.8 37.2





#59

m/p-Xylene

Concen: 1.558 ppbv

RT: 9.548 min Scan# 2919

Delta R.T. 0.013 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_1

ClientSampleId :

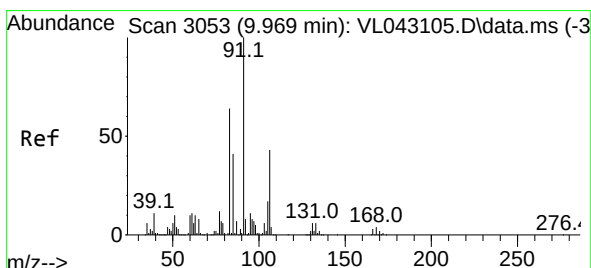
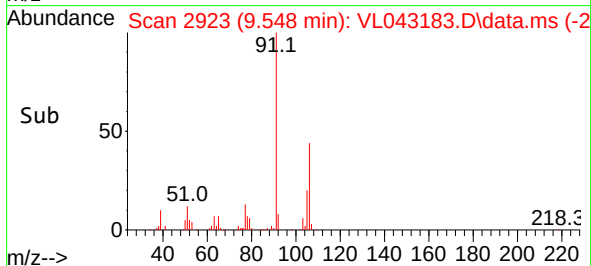
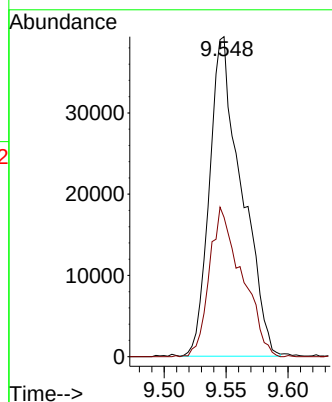
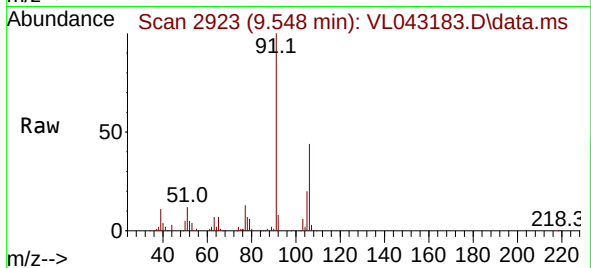
IA1A

Tgt Ion: 91 Resp: 71135

Ion Ratio Lower Upper

91 100

106 47.4 38.0 57.0



#60

o-Xylene

Concen: 0.564 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.009 min

Lab File: VL043183.D

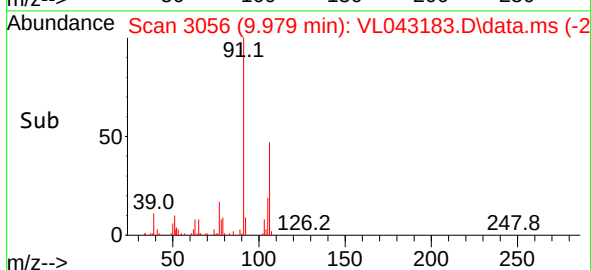
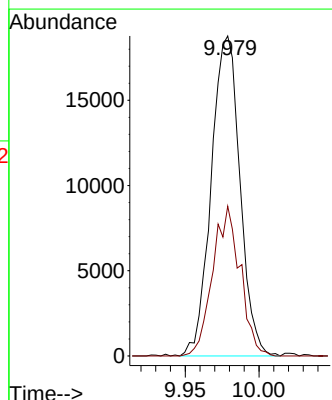
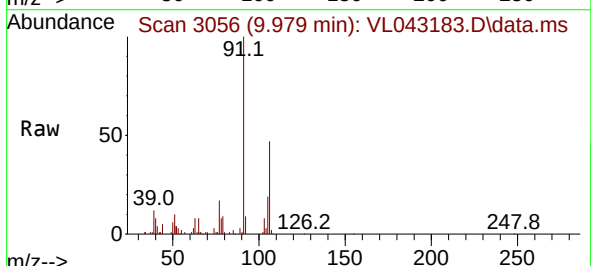
Acq: 11 Nov 2025 10:35

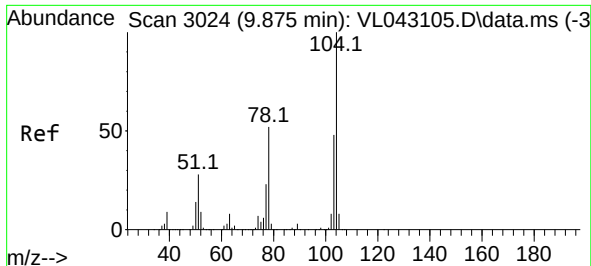
Tgt Ion: 91 Resp: 25428

Ion Ratio Lower Upper

91 100

106 44.8 21.9 65.8

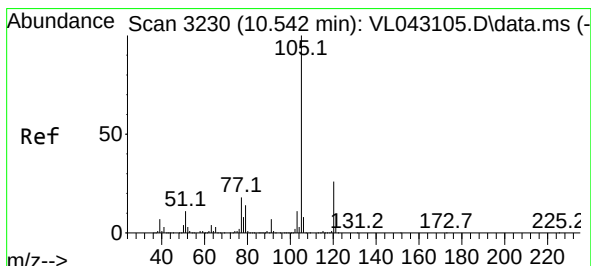
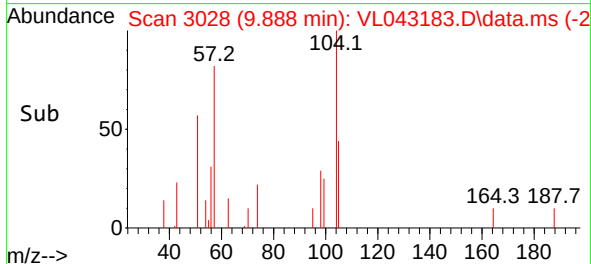
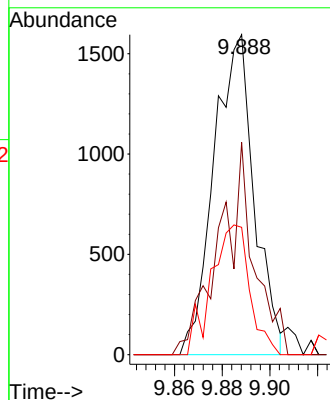
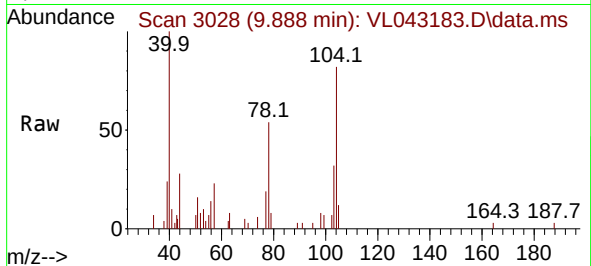




#61
Styrene
Concen: 0.092 ppbv
RT: 9.888 min Scan# 3024
Delta R.T. 0.013 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

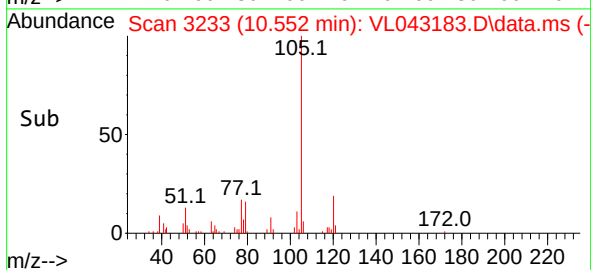
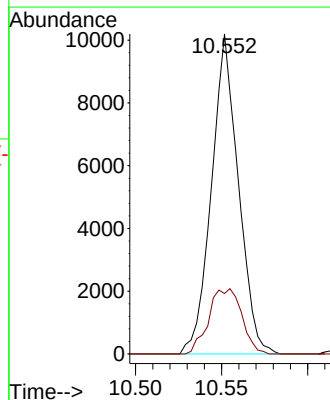
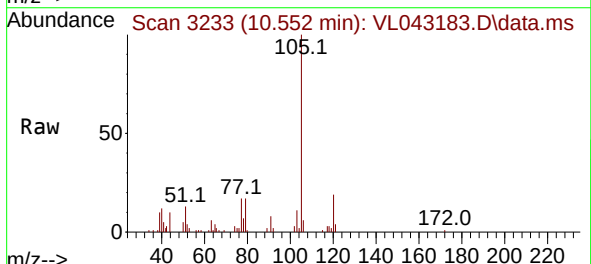
Instrument :
MSVOA_L
ClientSampleId :
IA1A

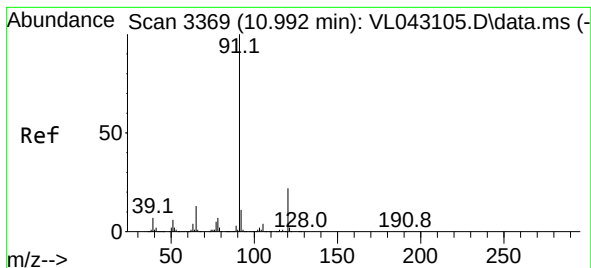
Tgt Ion:104 Resp: 1871
Ion Ratio Lower Upper
104 100
78 57.2 40.2 60.2
103 38.6 36.9 55.3



#62
Isopropylbenzene
Concen: 0.136 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.009 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion:105 Resp: 11077
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.4





#64

n-propylbenzene

Concen: 0.048 ppbv

RT: 11.002 min Scan# 31

Delta R.T. 0.009 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

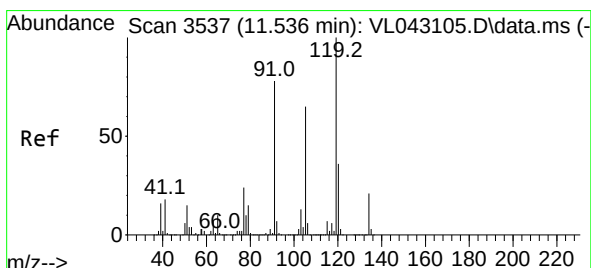
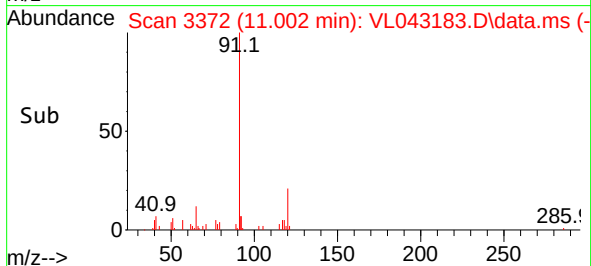
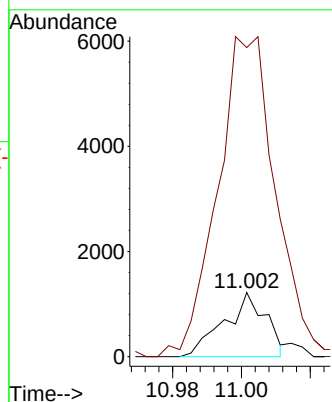
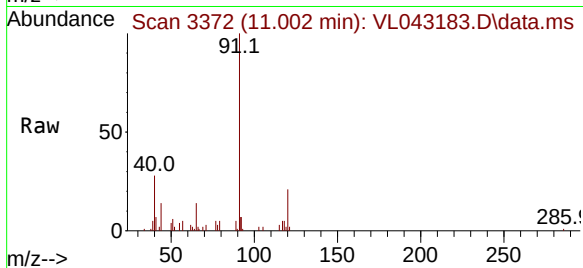
IA1A

Tgt Ion:120 Resp: 1026

Ion Ratio Lower Upper

120 100

91 703.5 361.6 542.4#



#65

tert-Butylbenzene

Concen: 0.043 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

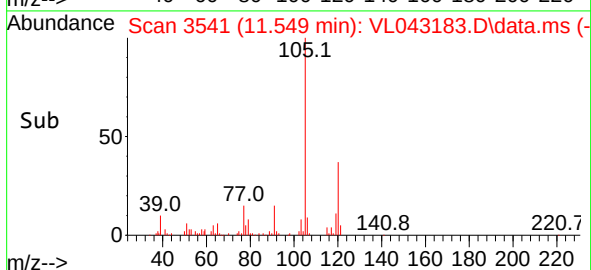
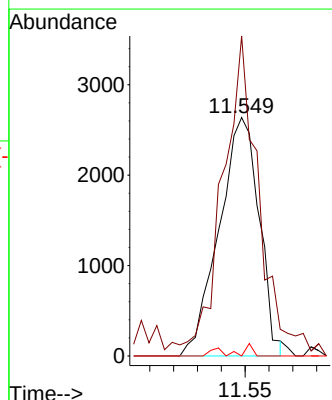
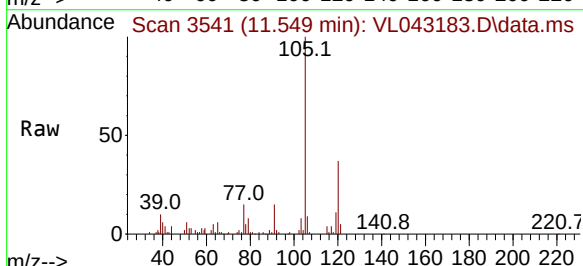
Tgt Ion:119 Resp: 3077

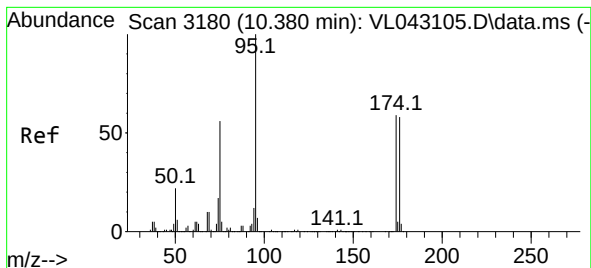
Ion Ratio Lower Upper

119 100

91 134.6 63.4 95.0#

134 2.1 17.3 25.9#

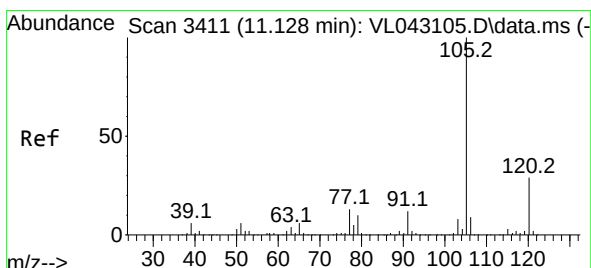
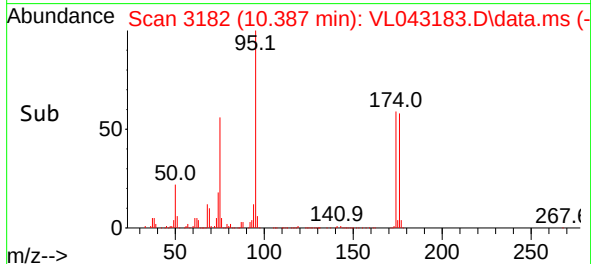
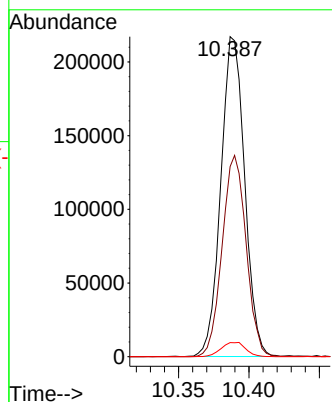
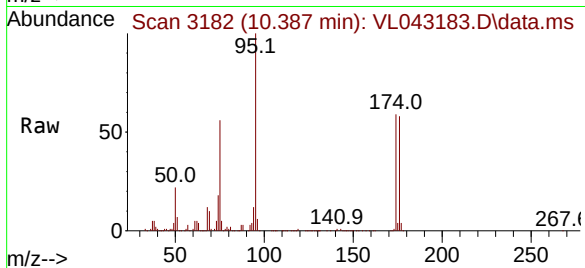




#68
1-Bromo-4-Fluorobenzene
Concen: 9.875 ppbv
RT: 10.387 min Scan# 3180
Delta R.T. 0.006 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

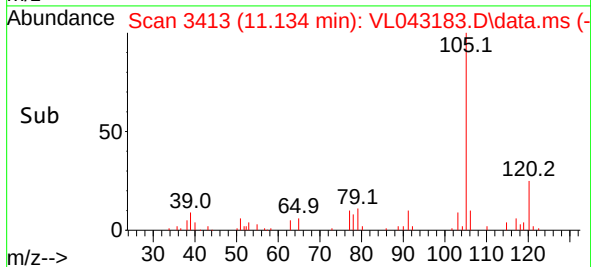
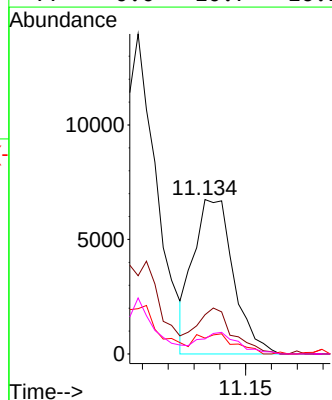
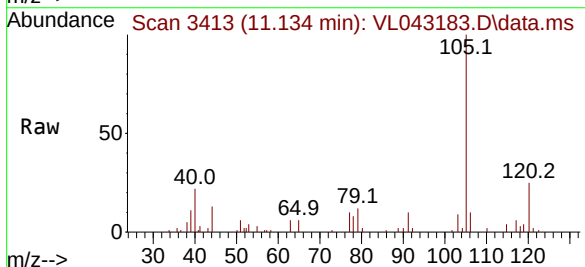
Instrument :
MSVOA_L
ClientSampleId :
IA1A

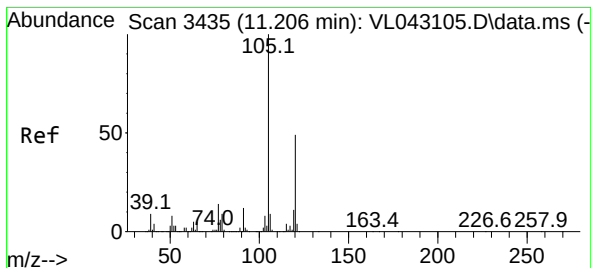
Tgt Ion: 95 Resp: 256040
Ion Ratio Lower Upper
95 100
174 63.4 48.3 72.5
175 4.6 3.8 5.8



#72
4-Ethyltoluene
Concen: 0.132 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.006 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion: 105 Resp: 7310
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.4#
91 0.0 10.0 15.0#
77 0.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.144 ppbv

RT: 11.218 min Scan# 3435

Delta R.T. 0.013 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Instrument :

MSVOA_L

ClientSampleId :

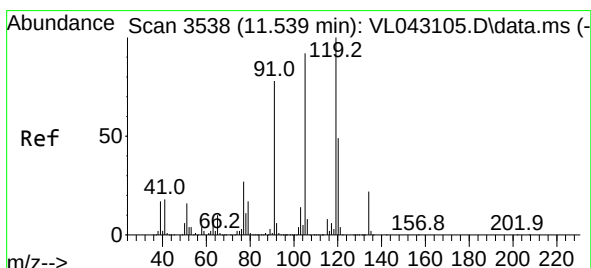
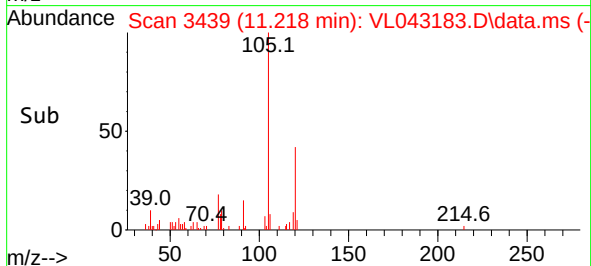
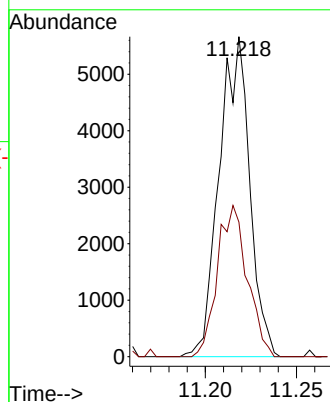
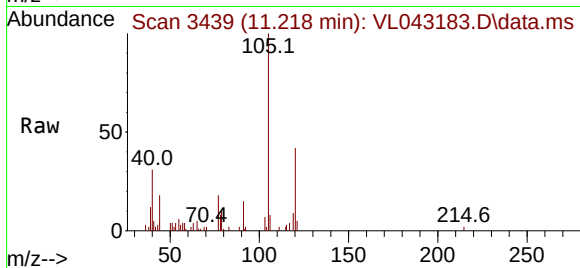
IA1A

Tgt Ion:105 Resp: 6572

Ion Ratio Lower Upper

105 100

120 42.0 39.0 58.6



#74

1,2,4-Trimethylbenzene

Concen: 0.464 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.009 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Tgt Ion:105 Resp: 23748

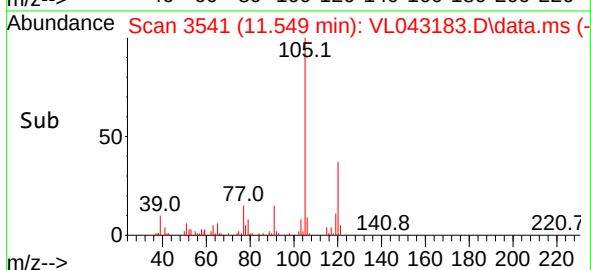
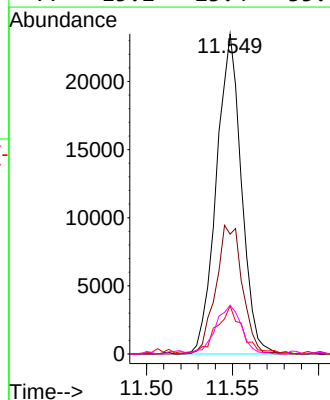
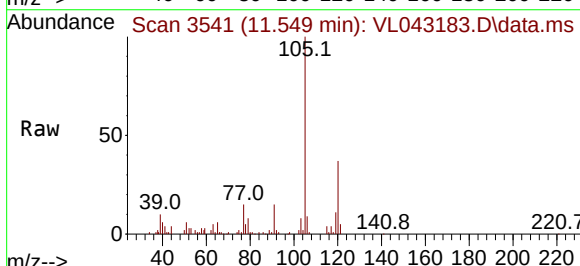
Ion Ratio Lower Upper

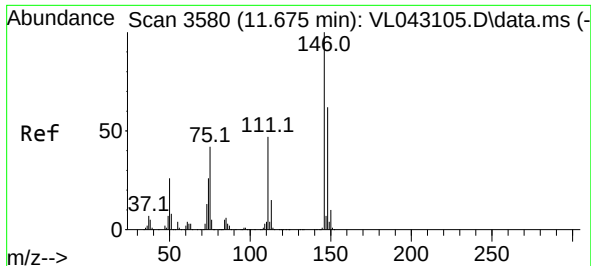
105 100

120 37.4 42.8 64.2#

91 14.5 68.3 102.5#

77 15.2 23.4 35.0#

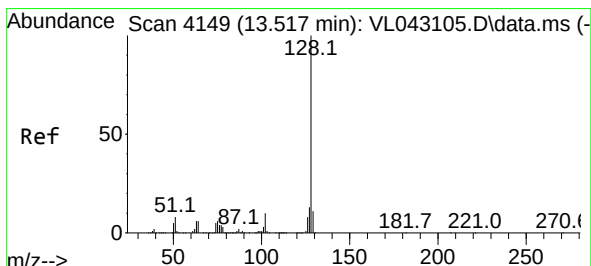
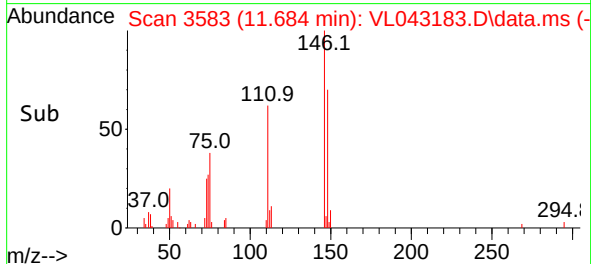
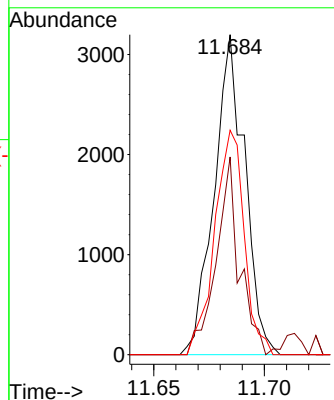
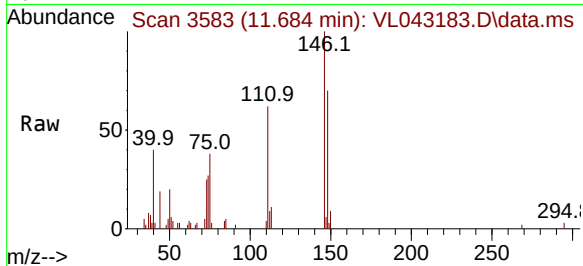




#76
1,4-Dichlorobenzene
Concen: 0.103 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. 0.009 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

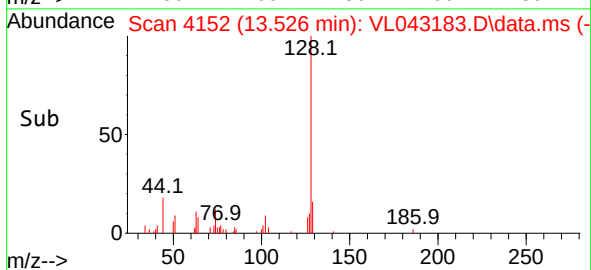
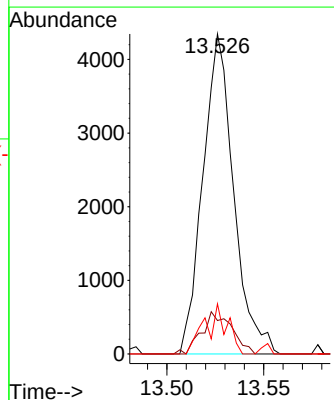
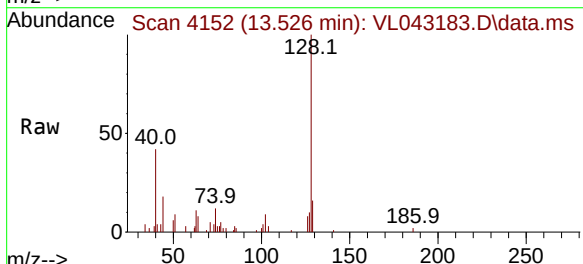
Instrument :
MSVOA_1
ClientSampleId :
IA1A

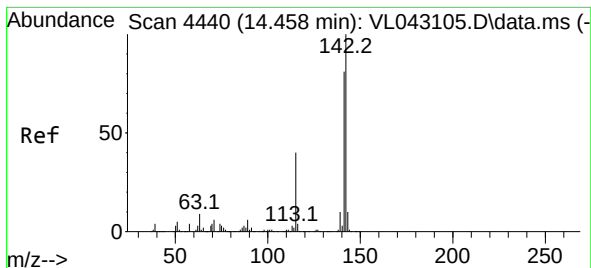
Tgt Ion:	146	Resp:	3083
Ion	Ratio	Lower	Upper
146	100		
111	52.1	22.4	67.0
148	67.7	31.6	94.7



#79
Naphthalene
Concen: 0.090 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. 0.009 min
Lab File: VL043183.D
Acq: 11 Nov 2025 10:35

Tgt Ion:	128	Resp:	4798
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.5	15.7#
129	15.7	9.1	13.7#





#80

Naphthalene, 2-methyl-

Concen: 0.047 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. 0.013 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

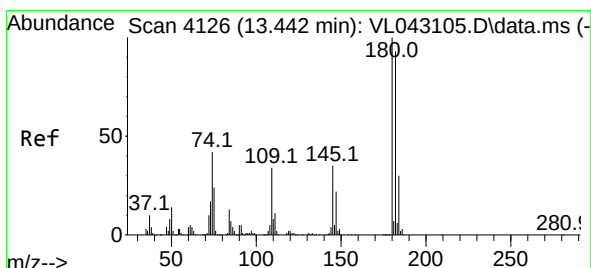
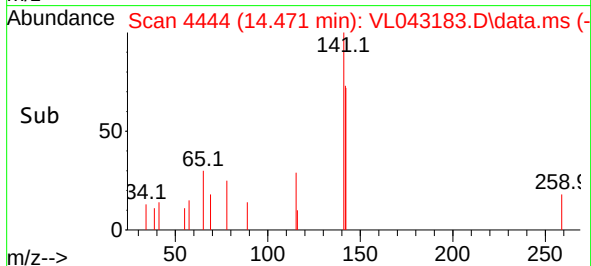
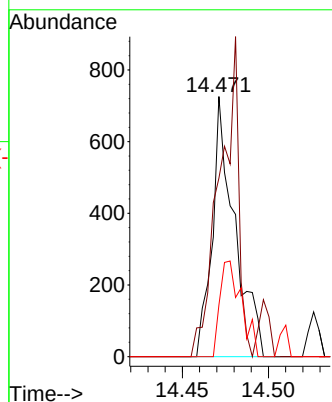
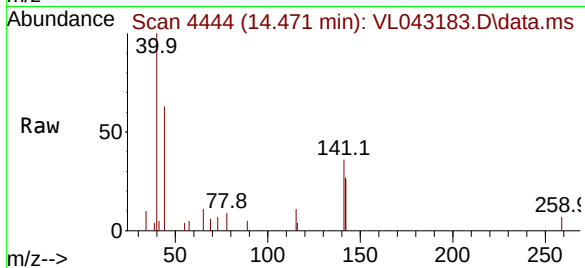
Instrument :

MSVOA_1

ClientSampleId :

IA1A

Tgt Ion:	142	Resp:	654
Ion	Ratio	Lower	Upper
142	100		
141	115.9	64.6	97.0#
115	35.2	30.2	45.4



#81

1,2,4-Trichlorobenzene

Concen: 0.049 ppbv

RT: 13.452 min Scan# 4129

Delta R.T. 0.009 min

Lab File: VL043183.D

Acq: 11 Nov 2025 10:35

Tgt Ion:	180	Resp:	1079
Ion	Ratio	Lower	Upper
180	100		
182	78.8	75.5	113.3
184	15.5	23.9	35.9#

