

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042185.D
 Acq On : 27 Mar 2025 18:22
 Operator : SY/MD
 Sample : Q1669-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025

Quant Time: Mar 28 02:14:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	182164	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	537249	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	488802	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	399253	9.946	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

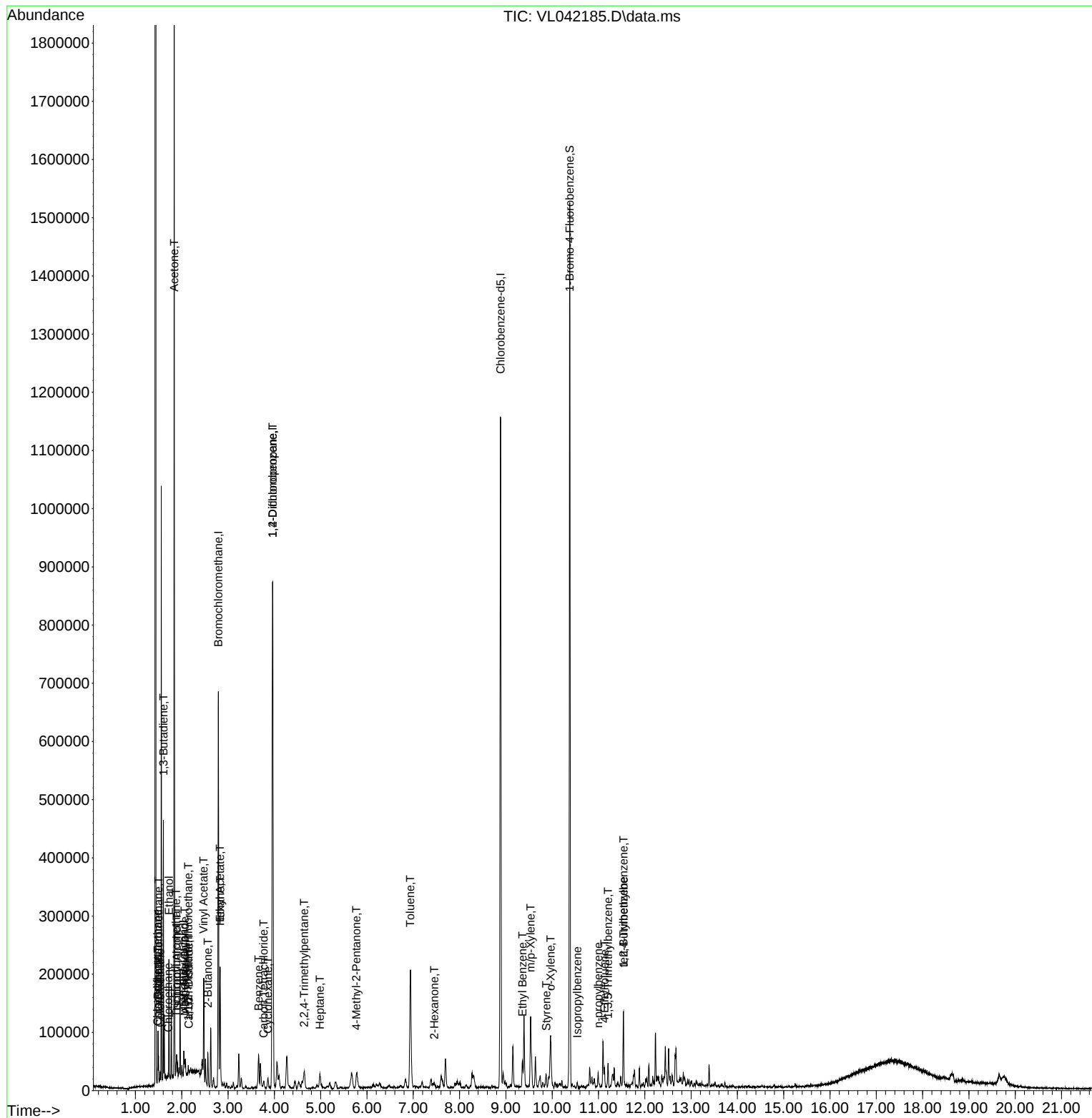
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10784	0.401	ppbv	94
3) Chlorodifluoromethane	1.476	51	9810	0.357	ppbv #	90
4) Chloromethane	1.532	50	4102	0.373	ppbv	97
7) Chloroethane	1.706	64	630	0.143	ppbv #	72
9) Propene	1.483	41	9886	0.785	ppbv	90
10) Heptane	4.982	43	4978	0.149	ppbv #	12
11) Trichlorofluoromethane	1.881	101	5615	0.215	ppbv	98
12) 1,1,2-Trichlorotri fluo...	2.140	101	1646	0.077	ppbv #	80
13) Ethanol	1.722	45	66284	55.675	ppbv	87
15) Acetone	1.836	43	884107	34.703	ppbv	98
16) 1,3-Butadiene	1.603	39	39589	3.182	ppbv #	22
17) tert-Butyl alcohol	2.043	59	15704	0.495	ppbv #	88
19) Isopropyl Alcohol	1.891	45	15772	1.097	ppbv #	1
20) Methylene Chloride	2.062	84	3433	0.362	ppbv #	83
21) Allyl Chloride	2.079	41	1674	0.093	ppbv #	7
23) Vinyl Acetate	2.473	43	54408	4.934	ppbv #	52
25) Ethyl Acetate	2.826	43	37903	0.573	ppbv #	87
26) Hexane	2.829	57	49383	1.934	ppbv #	35
27) Carbon Disulfide	2.153	76	927	0.034	ppbv #	1
30) Cyclohexane	3.862	84	1978	0.089	ppbv #	1
34) 2-Butanone	2.561	43	35584	0.913	ppbv	98
35) Carbon Tetrachloride	3.765	117	2627	0.063	ppbv	91
36) Benzene	3.661	78	34017	0.639	ppbv #	92
39) 1,2-Dichloropropane	3.962	63	138666	7.149	ppbv #	23
44) 2,2,4-Trimethylpentane	4.642	57	13063	0.145	ppbv #	1
50) 4-Methyl-2-Pentanone	5.772	43	9108	0.148	ppbv #	39
51) 2-Hexanone	7.455	43	2476	0.049	ppbv #	84
53) Toluene	6.937	91	146384	2.319	ppbv	99
58) Ethyl Benzene	9.358	91	27191	0.313	ppbv	95
59) m/p-Xylene	9.533	91	61979	0.894	ppbv #	85
60) o-Xylene	9.966	91	35115	0.505	ppbv	99
61) Styrene	9.872	104	4273	0.124	ppbv	91
62) Isopropylbenzene	10.542	105	3524	0.034	ppbv	94
64) n-propylbenzene	10.992	120	2677	0.100	ppbv	96
65) tert-Butylbenzene	11.539	119	5380	0.056	ppbv #	71
72) 4-Ethyltoluene	11.128	105	11701	0.135	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.206	105	12679	0.168	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	44446	0.510	ppbv #	64

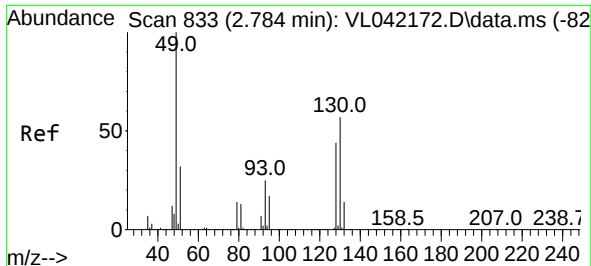
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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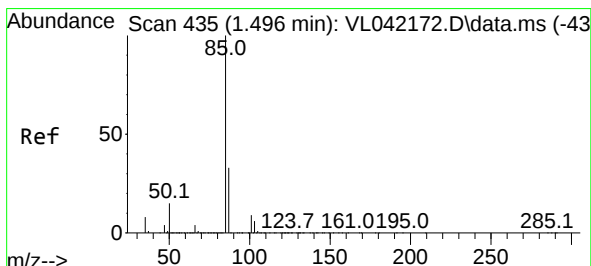
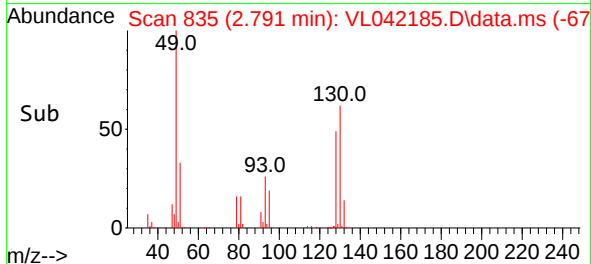
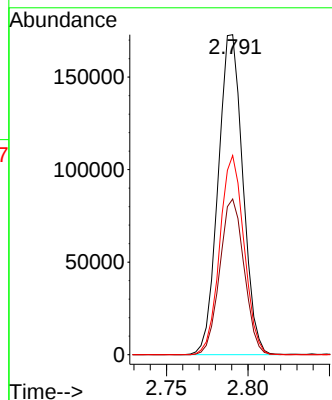
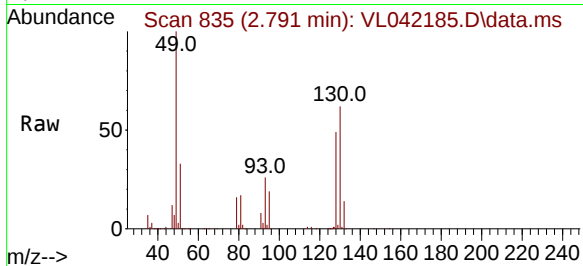




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.791 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL042185.D
 Acq: 27 Mar 2025 18:22

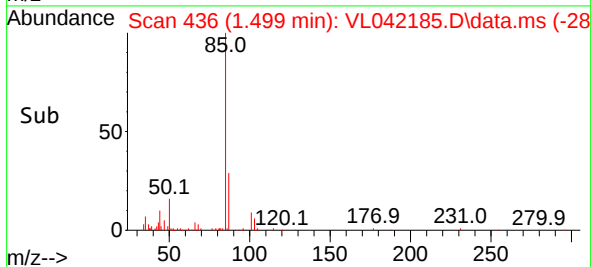
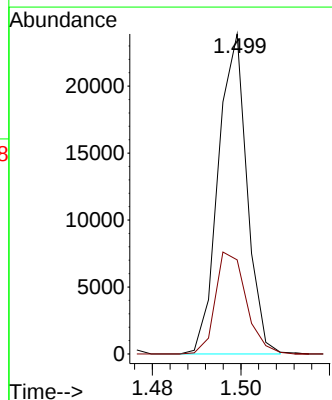
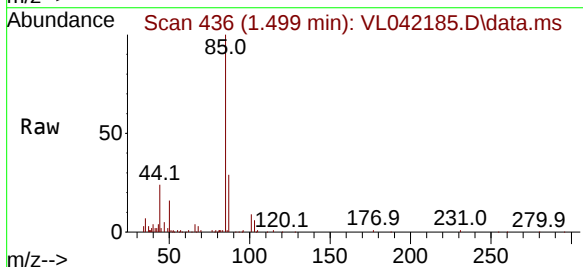
Instrument :
 MSVOA_L
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 IA-B9-3-3262025

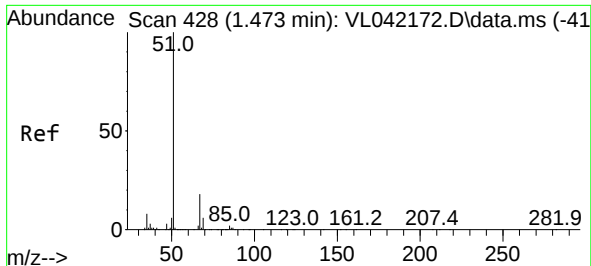
Tgt Ion: 49 Resp: 182164
 Ion Ratio Lower Upper
 49 100
 128 47.9 22.9 68.5
 130 61.0 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.401 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VL042185.D
 Acq: 27 Mar 2025 18:22

Tgt Ion: 85 Resp: 10784
 Ion Ratio Lower Upper
 85 100
 87 29.4 26.1 39.1

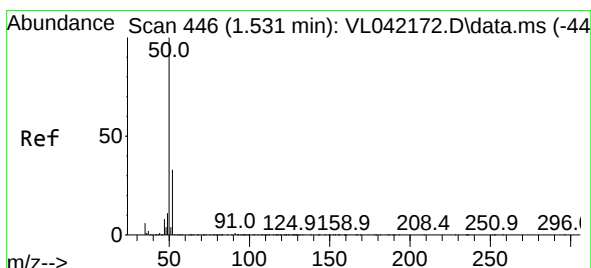
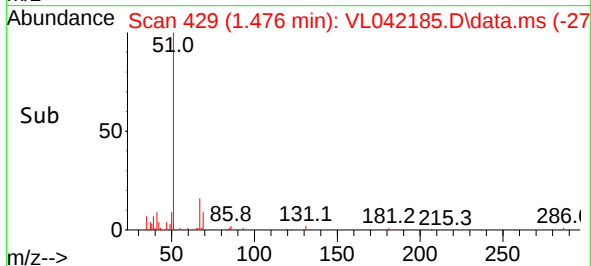
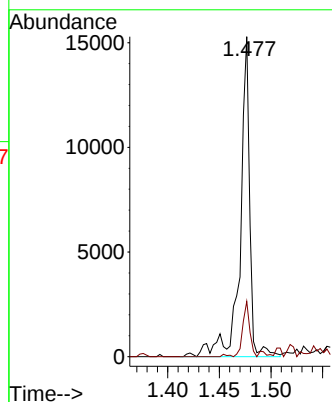
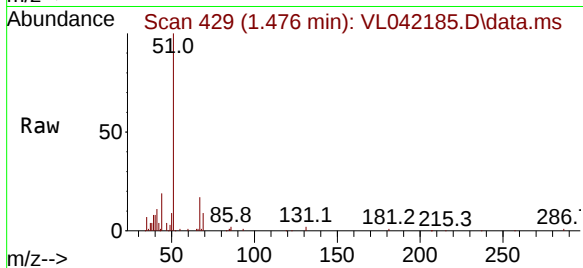




#3
Chlorodifluoromethane
Concen: 0.357 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

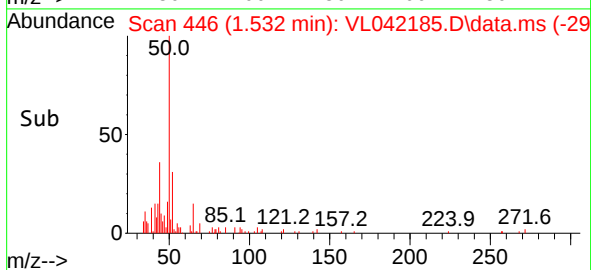
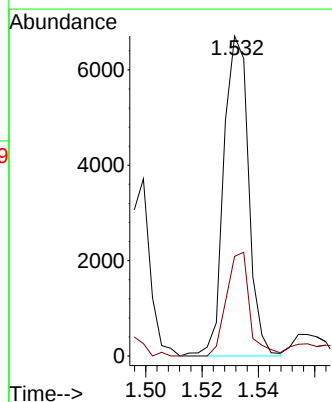
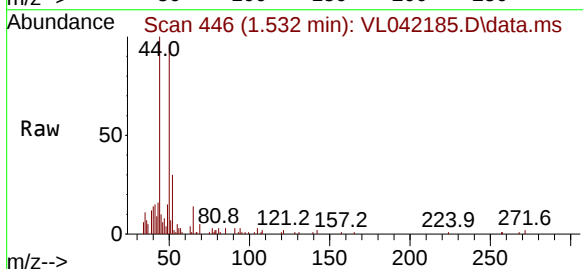
Instrument :
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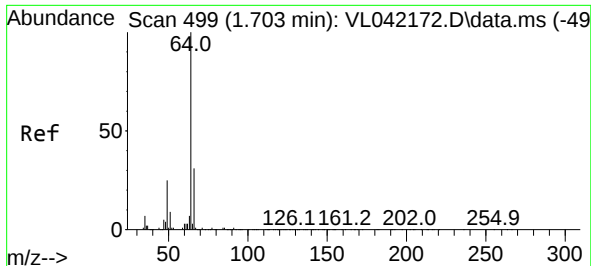
Tgt Ion: 51 Resp: 9810
Ion Ratio Lower Upper
51 100
67 14.2 15.0 22.6#



#4
Chloromethane
Concen: 0.373 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 50 Resp: 4102
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1

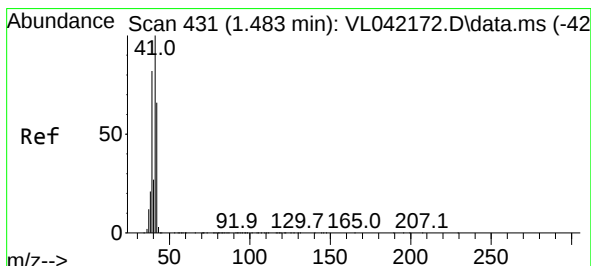
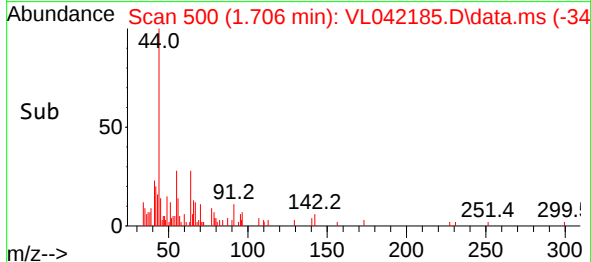
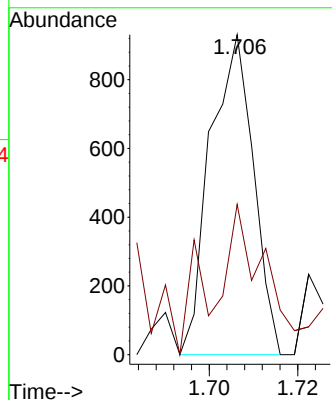
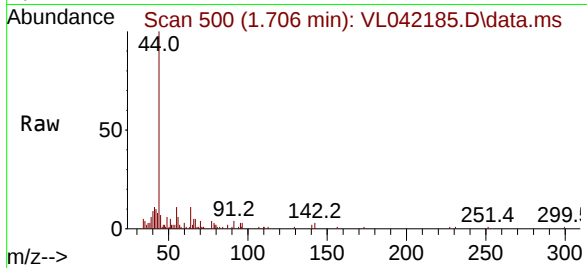




#7
Chloroethane
Concen: 0.143 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

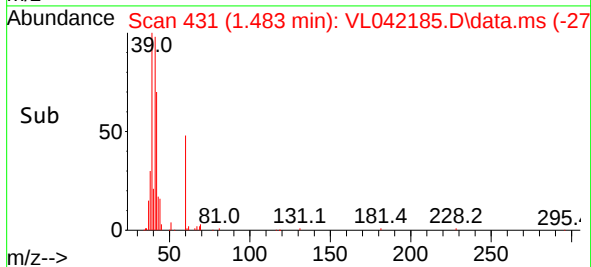
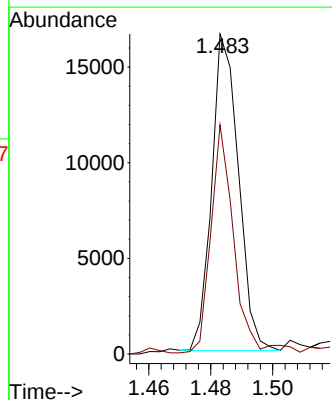
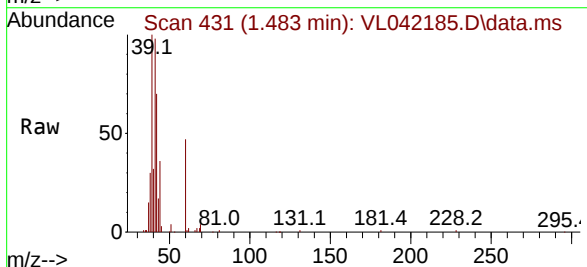
Instrument :
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ClientSampleId :
IA-B9-3-3262025

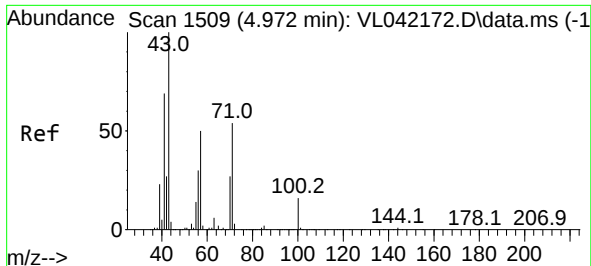
Tgt Ion: 64 Resp: 630
Ion Ratio Lower Upper
64 100
66 46.9 25.2 37.8#



#9
Propene
Concen: 0.785 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 41 Resp: 9886
Ion Ratio Lower Upper
41 100
42 61.2 55.4 83.2

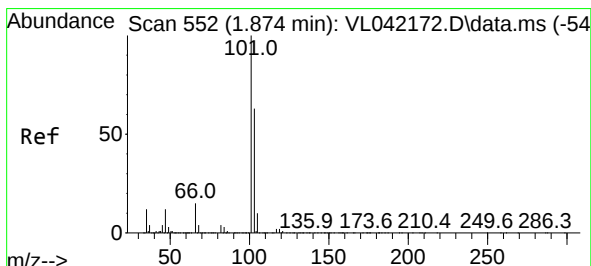
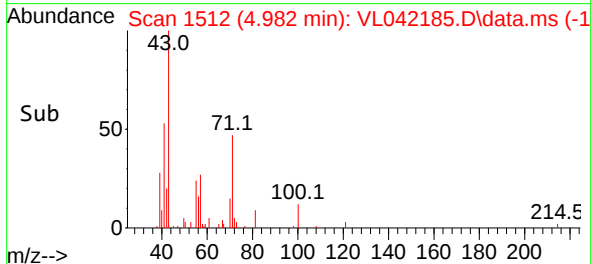
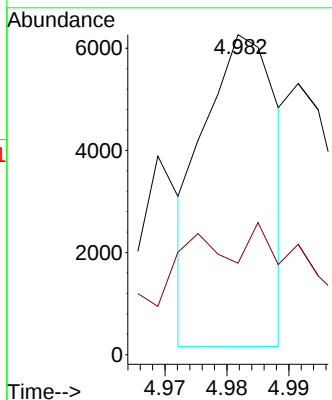
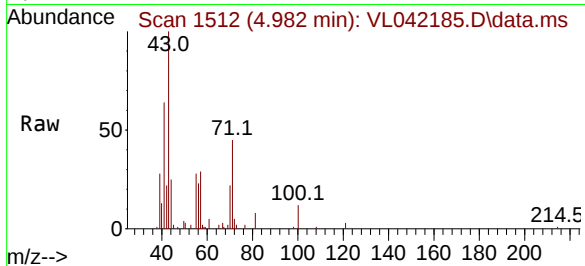




#10
Heptane
Concen: 0.149 ppbv
RT: 4.982 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

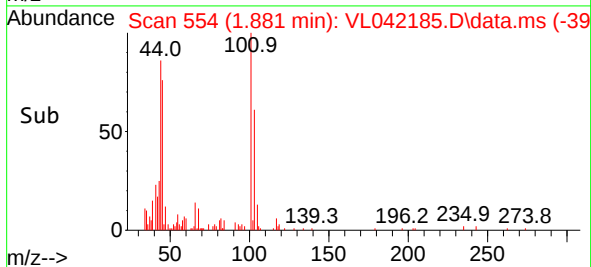
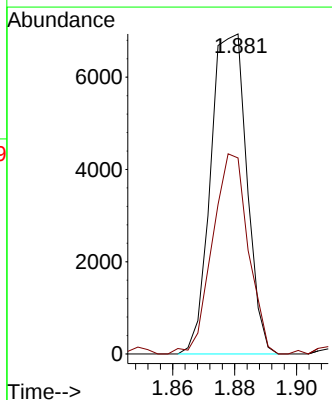
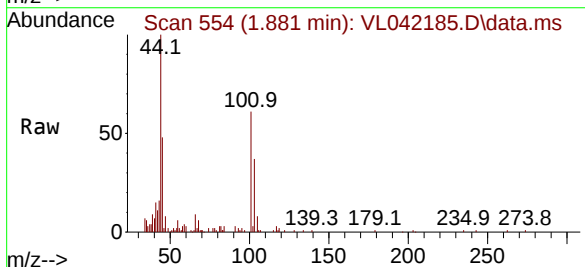
Instrument :
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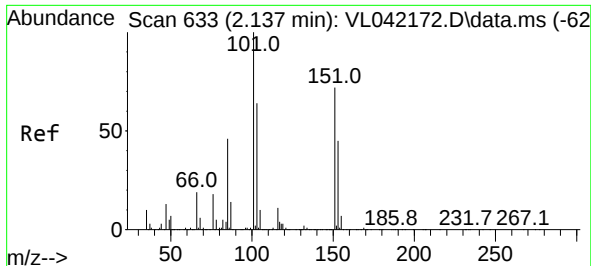
Tgt Ion: 43 Resp: 4978
Ion Ratio Lower Upper
43 100
57 109.6 39.4 59.2#



#11
Trichlorofluoromethane
Concen: 0.215 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion:101 Resp: 5615
Ion Ratio Lower Upper
101 100
103 61.3 50.2 75.2

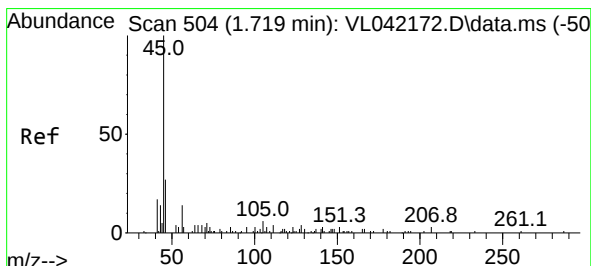
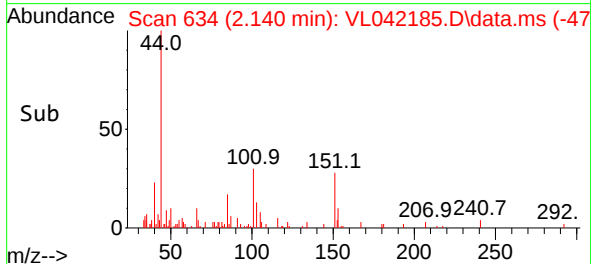
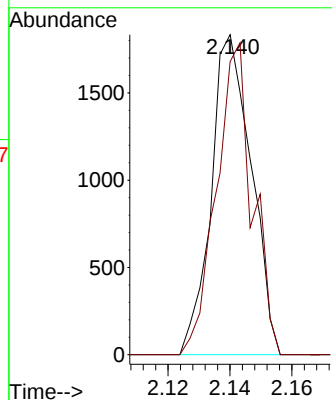
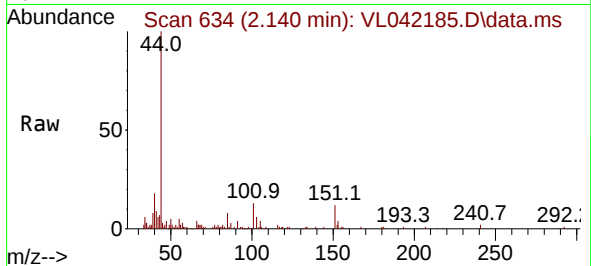




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.077 ppbv
RT: 2.140 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

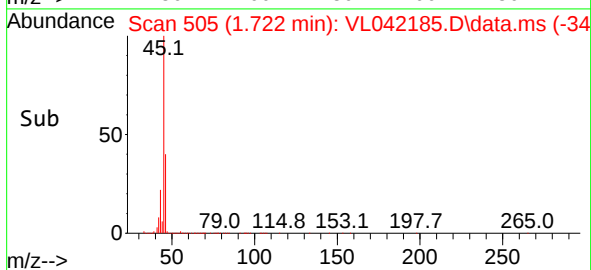
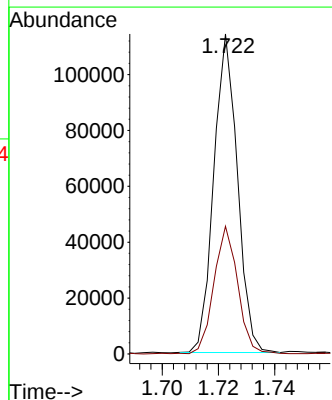
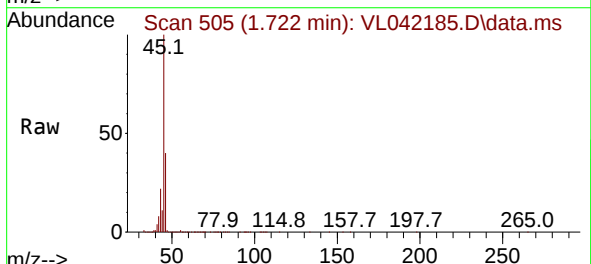
Instrument :
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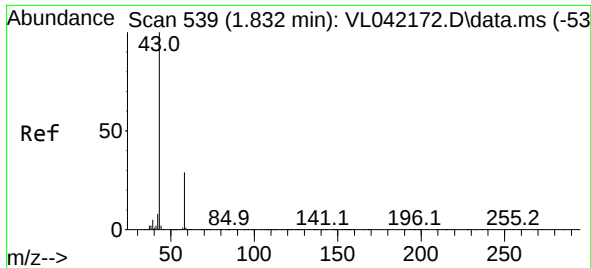
Tgt Ion:101 Resp: 1646
Ion Ratio Lower Upper
101 100
151 88.0 57.1 85.7#



#13
Ethanol
Concen: 55.675 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 45 Resp: 66284
Ion Ratio Lower Upper
45 100
46 41.8 20.2 80.8





#15

Acetone

Concen: 34.703 ppbv

RT: 1.836 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Instrument :

MSVOA_L

ClientSampleId :

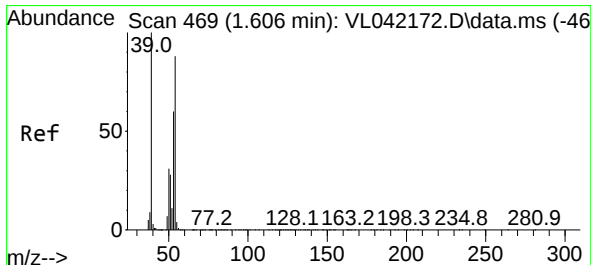
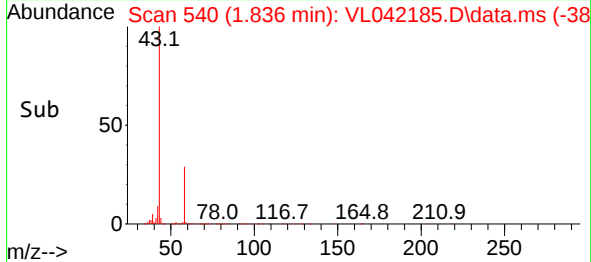
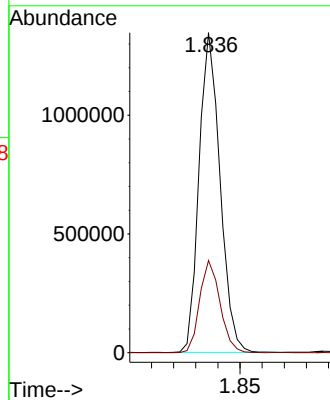
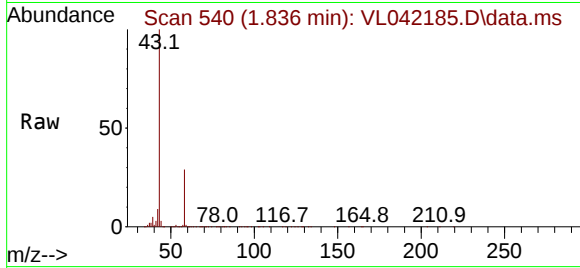
IA-B9-3-3262025

Tgt Ion: 43 Resp: 884107

Ion Ratio Lower Upper

43 100

58 28.0 23.2 34.8



#16

1,3-Butadiene

Concen: 3.182 ppbv

RT: 1.603 min Scan# 468

Delta R.T. -0.003 min

Lab File: VL042185.D

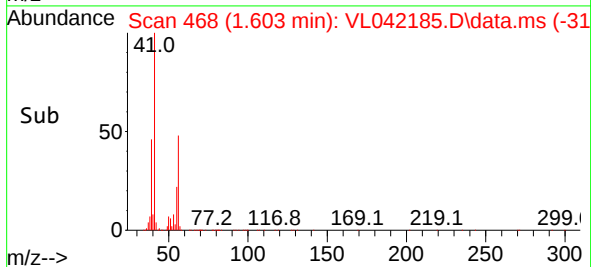
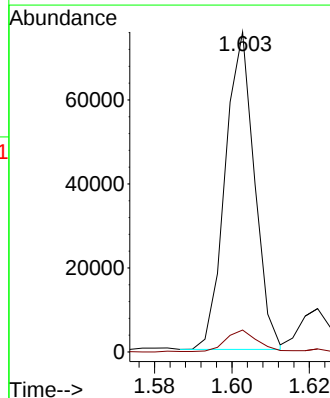
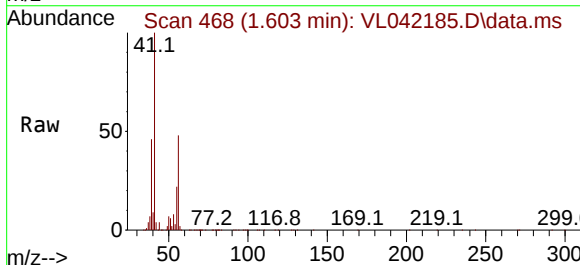
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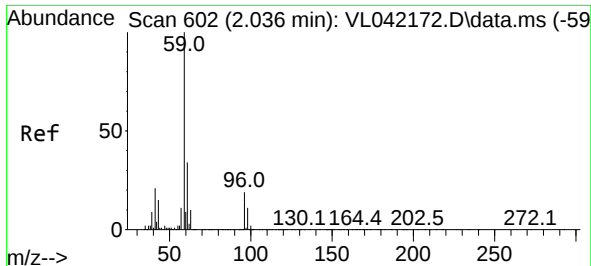
Tgt Ion: 39 Resp: 39589

Ion Ratio Lower Upper

39 100

54 9.1 60.7 91.1#

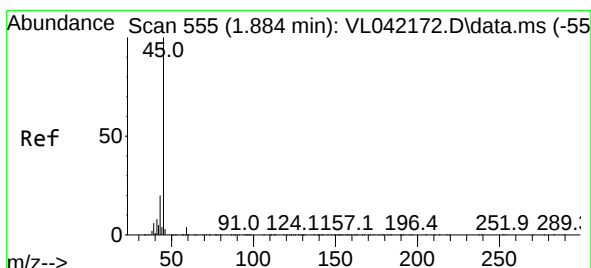
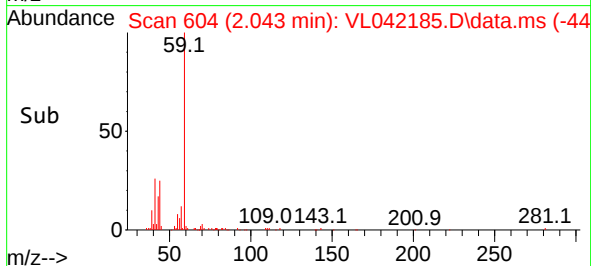
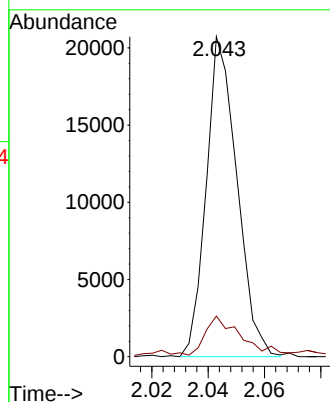
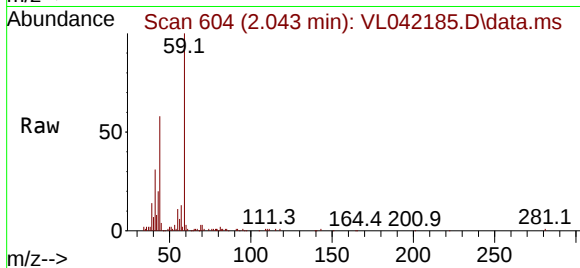




#17
tert-Butyl alcohol
Concen: 0.495 ppbv
RT: 2.043 min Scan# 602
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

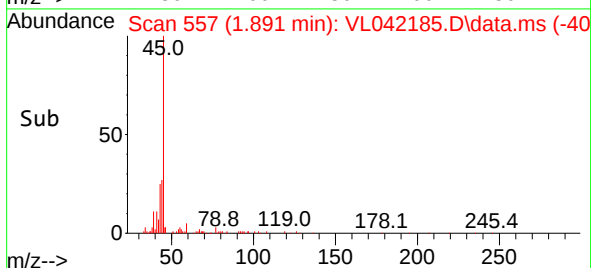
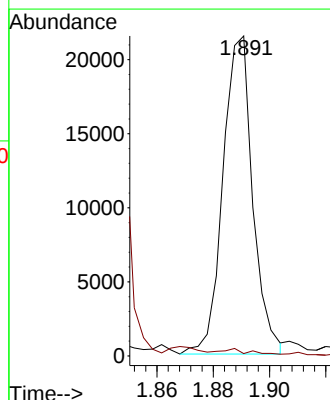
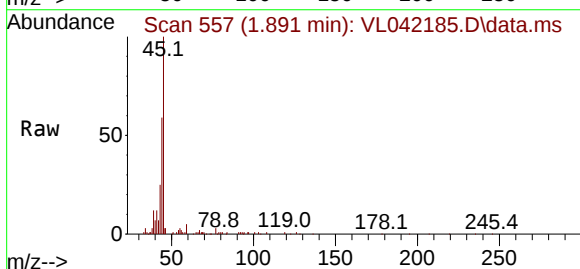
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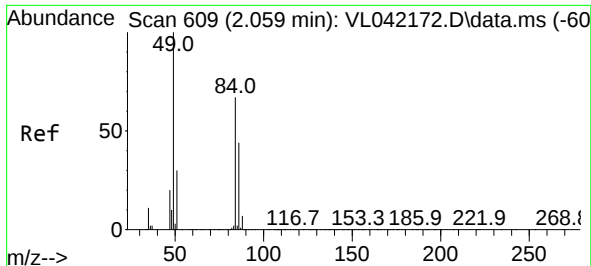
Tgt Ion: 59 Resp: 15704
Ion Ratio Lower Upper
59 100
57 15.8 8.9 13.3#



#19
Isopropyl Alcohol
Concen: 1.097 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 45 Resp: 15772
Ion Ratio Lower Upper
45 100
58 1574.5 36.9 55.3#





#20

Methylene Chloride

Concen: 0.362 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-3-3262025

Tgt Ion: 84 Resp: 3433

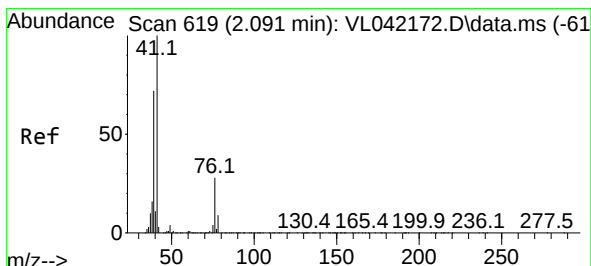
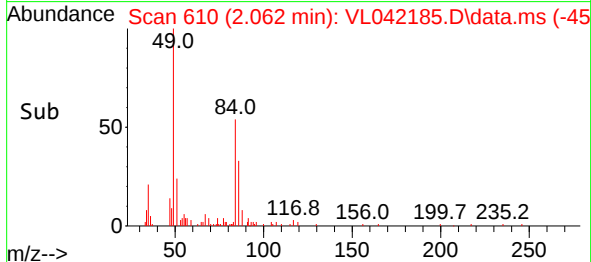
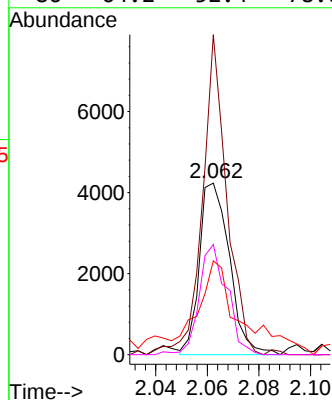
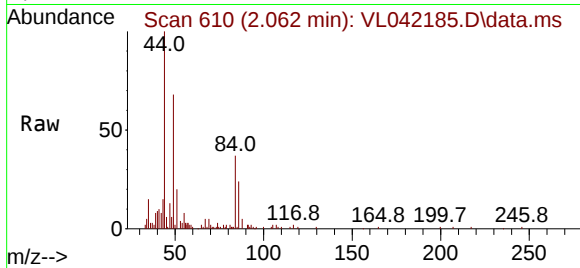
Ion Ratio Lower Upper

84 100

49 184.6 120.2 180.4#

51 43.8 37.4 56.0

86 64.2 52.4 78.6



#21

Allyl Chloride

Concen: 0.093 ppbv

RT: 2.079 min Scan# 615

Delta R.T. -0.013 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

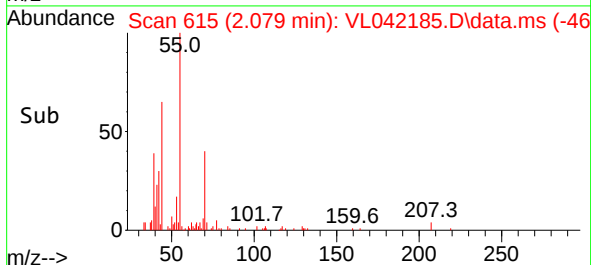
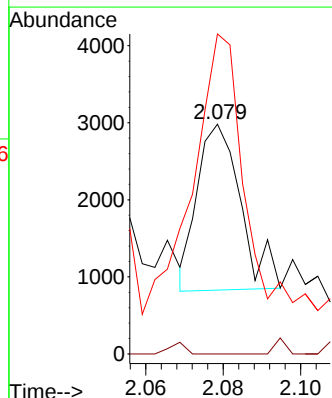
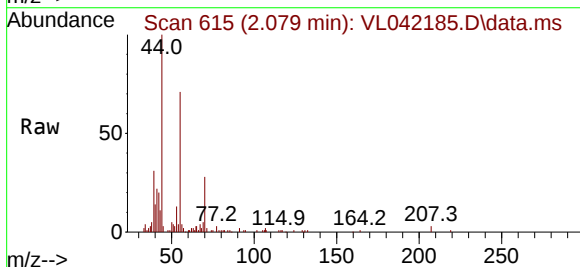
Tgt Ion: 41 Resp: 1674

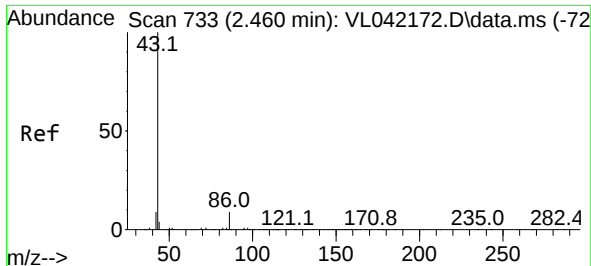
Ion Ratio Lower Upper

41 100

76 0.0 24.1 36.1#

39 168.6 61.1 91.7#

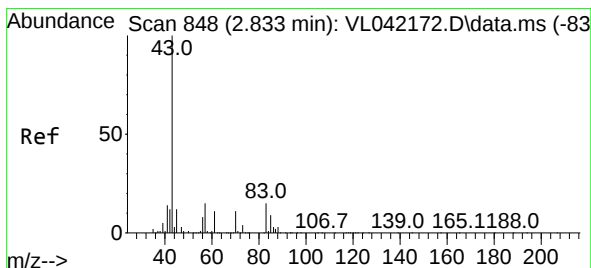
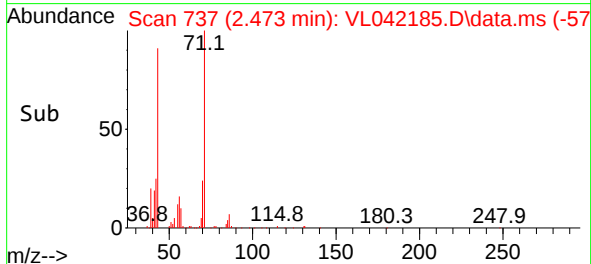
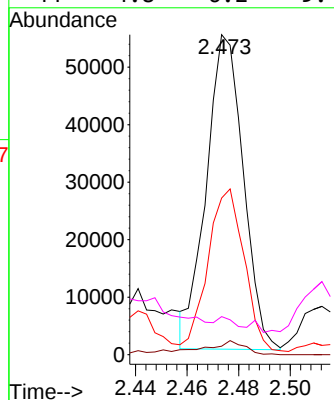
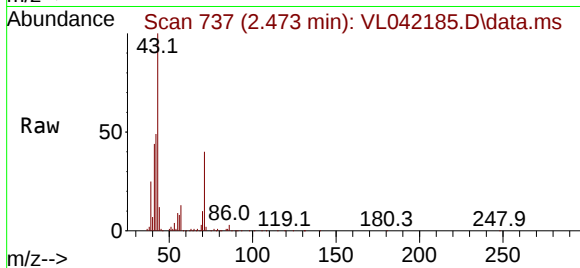




#23
Vinyl Acetate
Concen: 4.934 ppbv
RT: 2.473 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

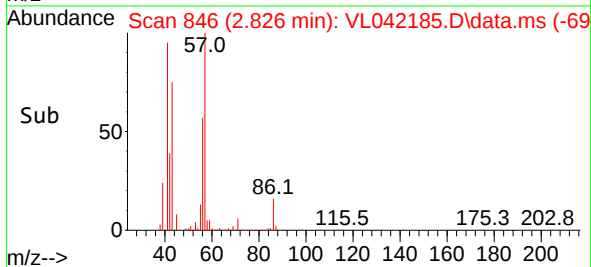
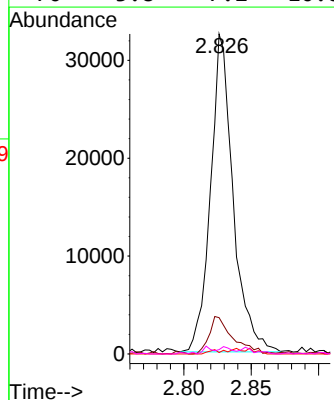
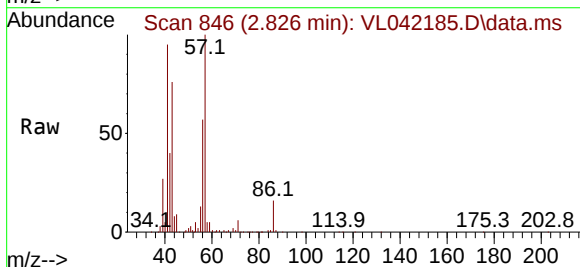
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

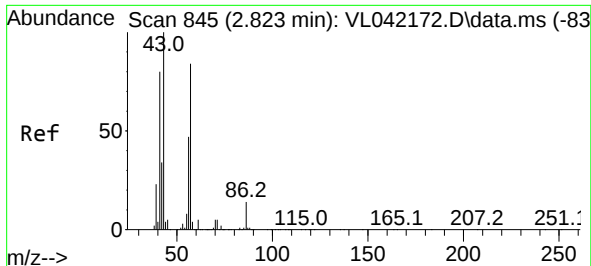
Tgt Ion: 43	Resp: 54408
Ion Ratio	Lower Upper
43	100
86	2.7 5.5 8.3#
42	48.7 8.6 13.0#
44	4.8 6.2 9.4#



#25
Ethyl Acetate
Concen: 0.573 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.006 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 43	Resp: 37903
Ion Ratio	Lower Upper
43	100
45	13.0 8.2 12.2#
61	2.3 7.3 10.9#
70	3.8 7.2 10.8#

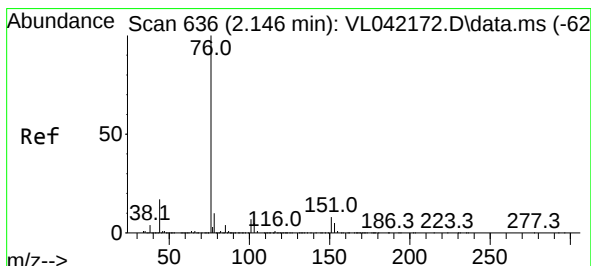
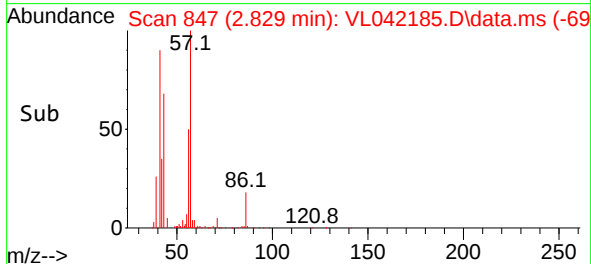
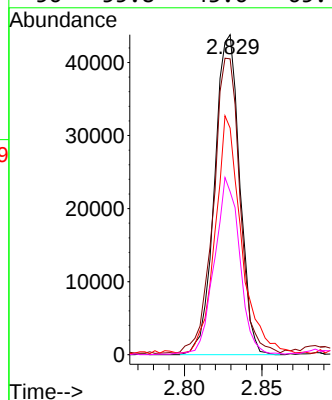
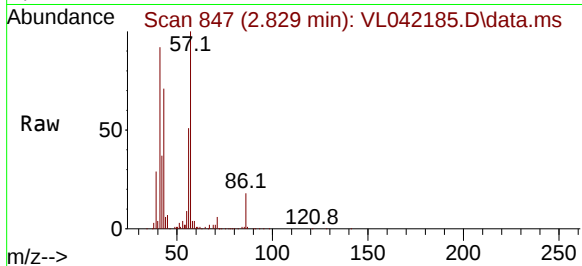




#26
Hexane
Concen: 1.934 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

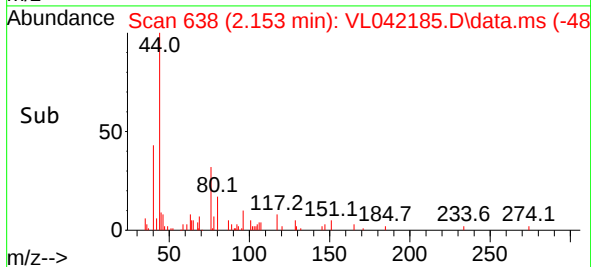
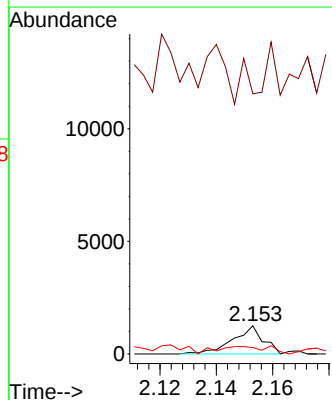
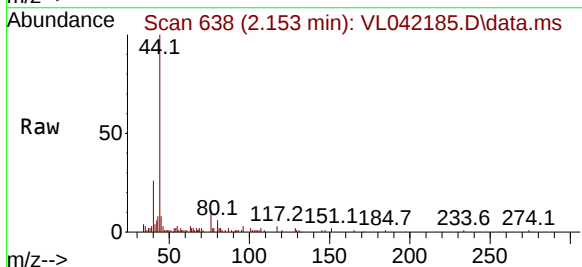
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

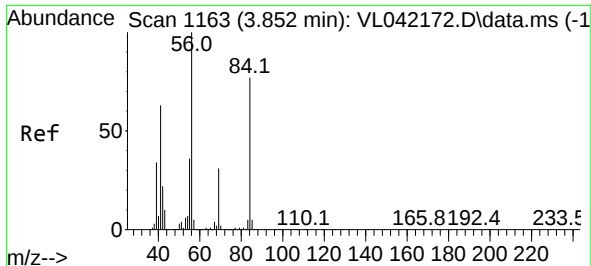
Tgt Ion: 57 Resp: 49383
Ion Ratio Lower Upper
57 100
41 97.4 76.6 114.8
43 78.3 207.8 311.8#
56 55.8 43.6 65.4



#27
Carbon Disulfide
Concen: 0.034 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 76 Resp: 927
Ion Ratio Lower Upper
76 100
44 1231.7 14.7 22.1#
78 74.4 9.3 13.9#

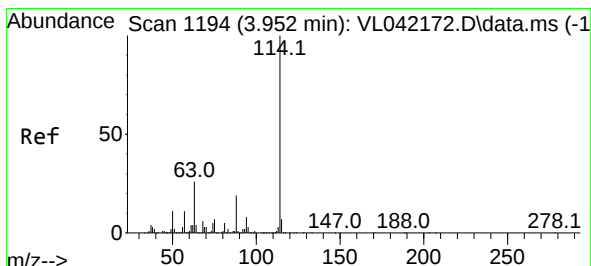
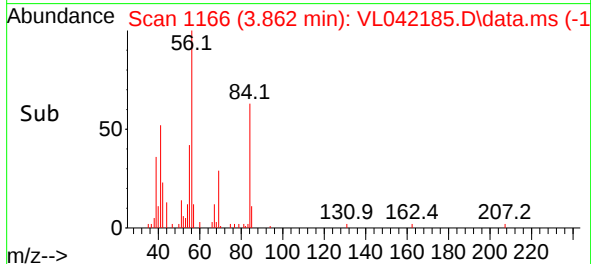
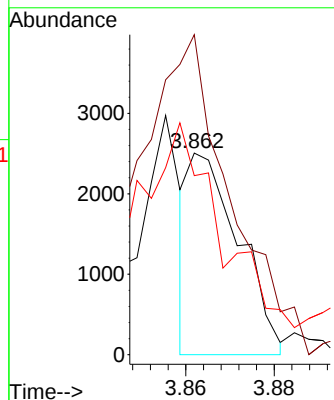
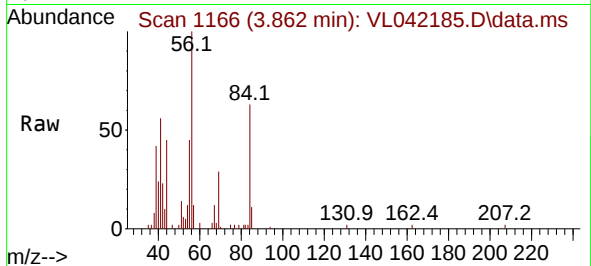




#30
Cyclohexane
Concen: 0.089 ppbv
RT: 3.862 min Scan# 1163
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

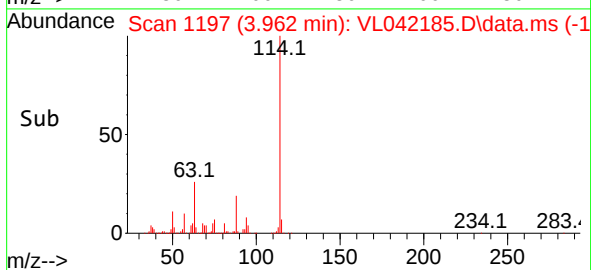
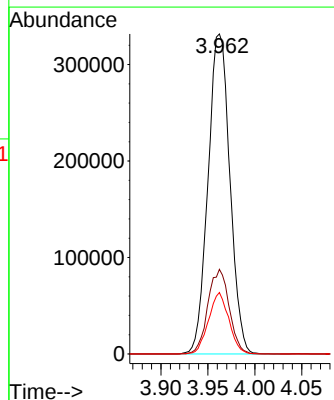
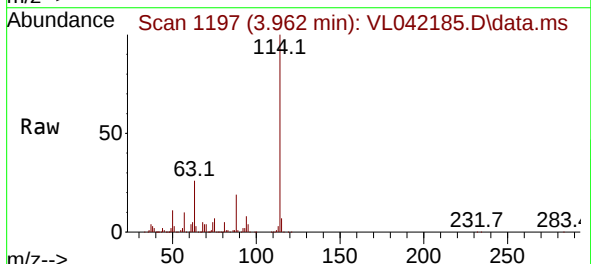
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

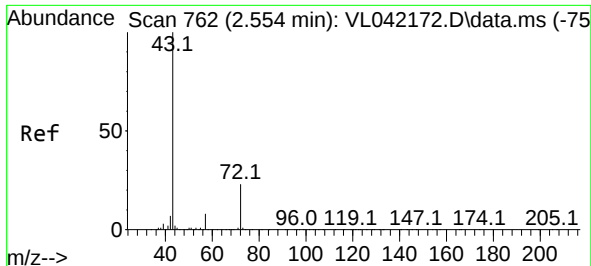
Tgt Ion: 84 Resp: 1978
Ion Ratio Lower Upper
84 100
56 332.5 102.8 154.2#
41 0.0 66.5 99.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 114 Resp: 537249
Ion Ratio Lower Upper
114 100
63 25.8 20.7 31.1
88 17.9 15.0 22.4

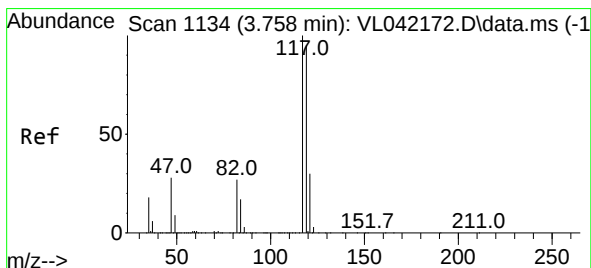
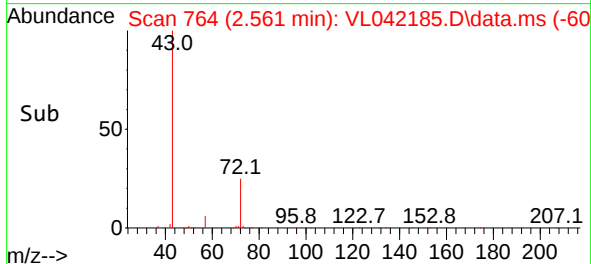
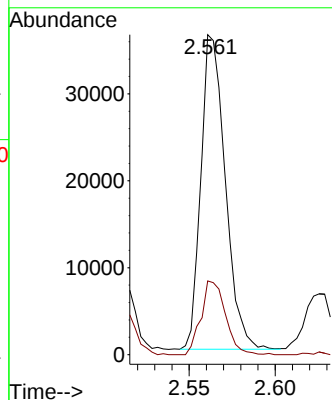
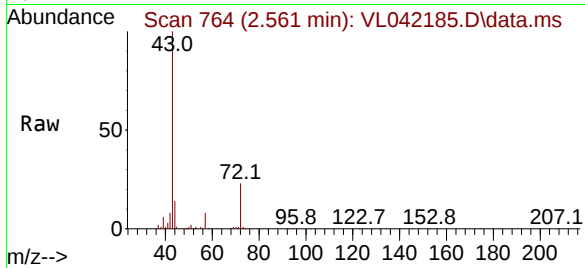




#34
2-Butanone
Concen: 0.913 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

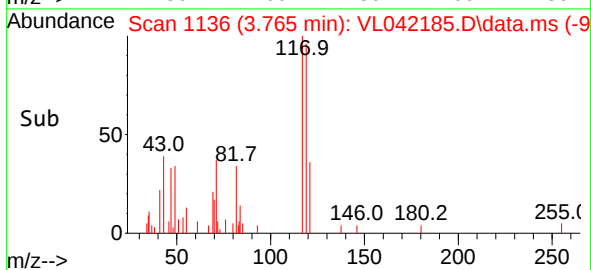
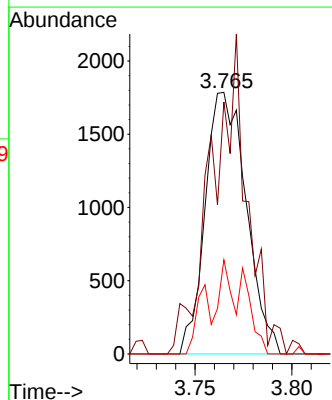
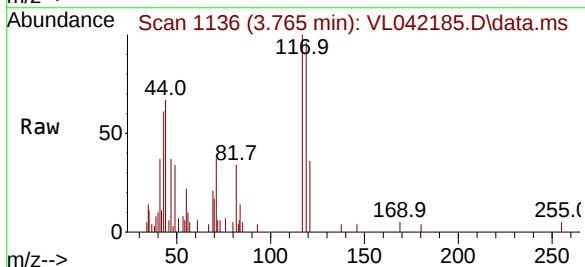
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

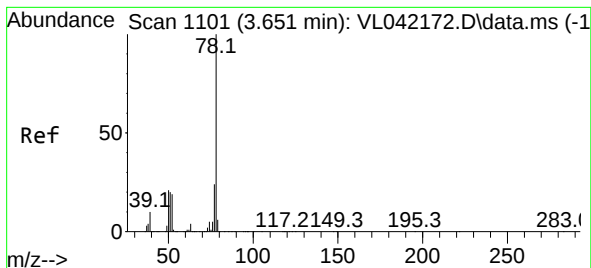
Tgt Ion: 43 Resp: 35584
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.063 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 117 Resp: 2627
Ion Ratio Lower Upper
117 100
119 86.6 76.2 114.2
121 35.9 24.2 36.4





#36

Benzene

Concen: 0.639 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-3-3262025

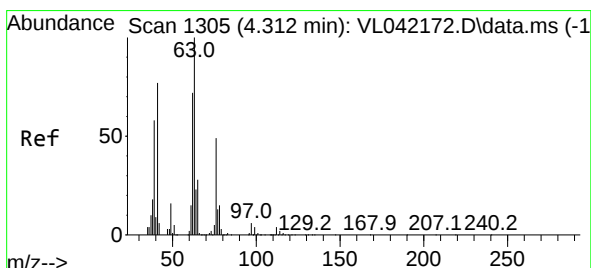
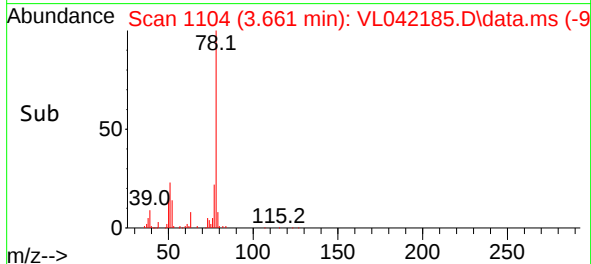
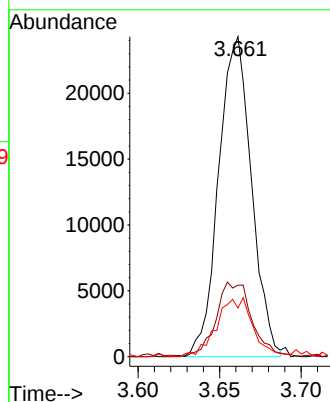
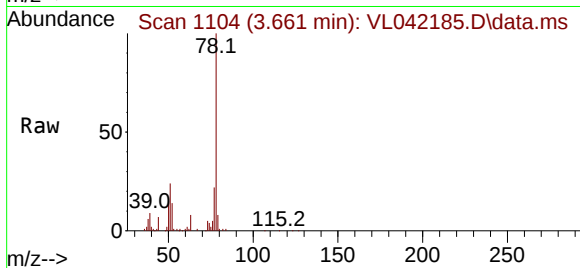
Tgt Ion: 78 Resp: 34017

Ion Ratio Lower Upper

78 100

77 22.0 19.1 28.7

50 14.3 16.6 24.8#



#39

1,2-Dichloropropane

Concen: 7.149 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.349 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

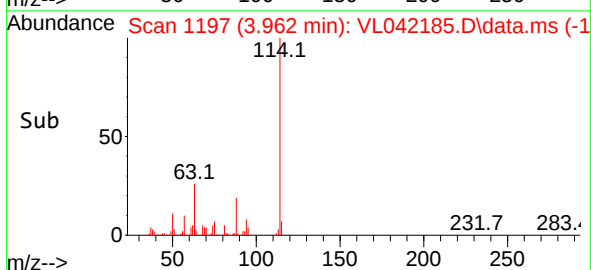
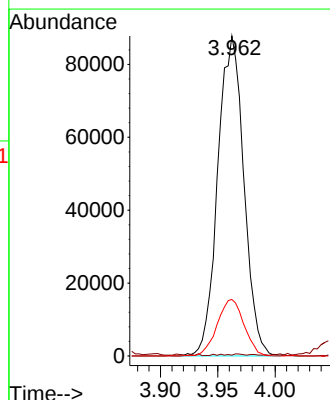
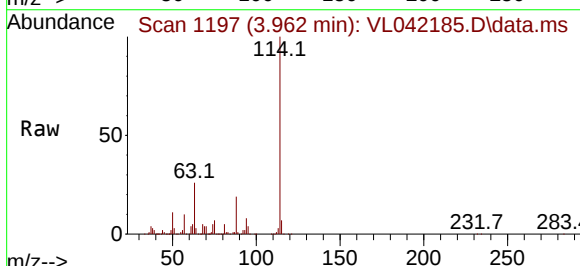
Tgt Ion: 63 Resp: 138666

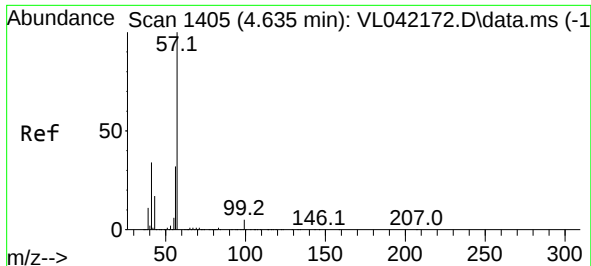
Ion Ratio Lower Upper

63 100

41 0.2 61.7 92.5#

62 17.7 57.6 86.4#

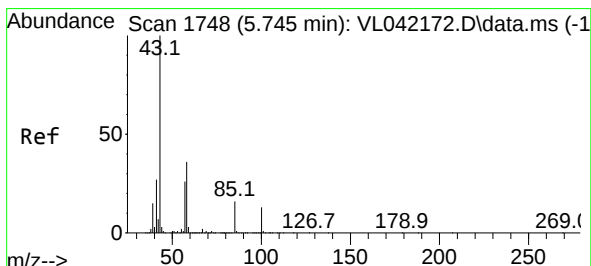
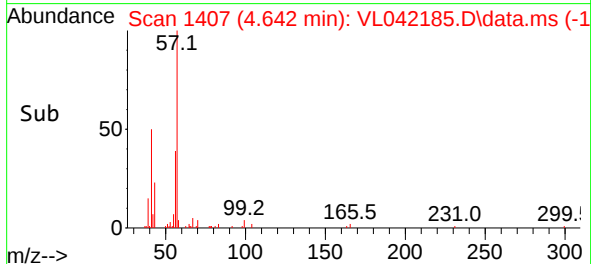
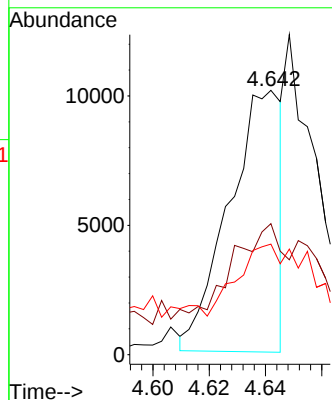
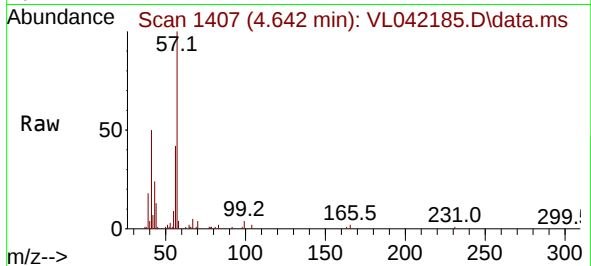




#44
2,2,4-Trimethylpentane
Concen: 0.145 ppbv
RT: 4.642 min Scan# 1405
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

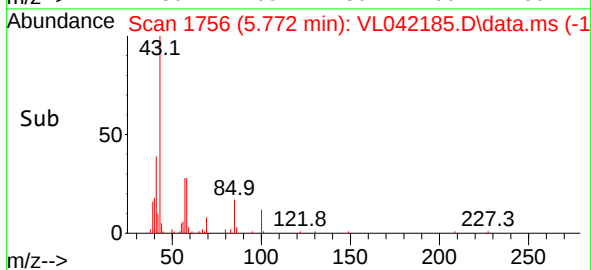
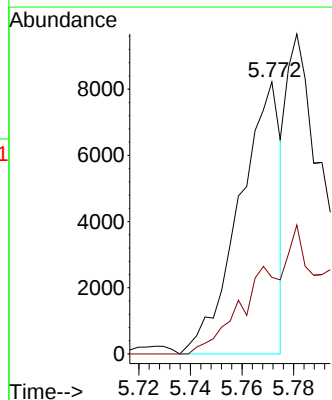
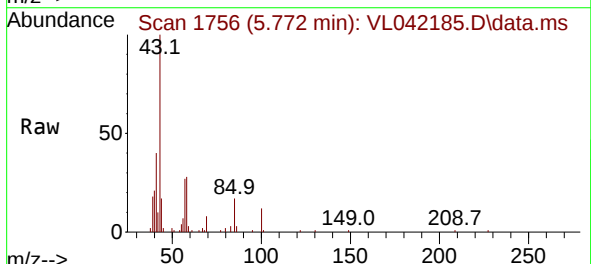
Instrument : MSVOA_1
ClientSampleId : IA-B9-3-3262025

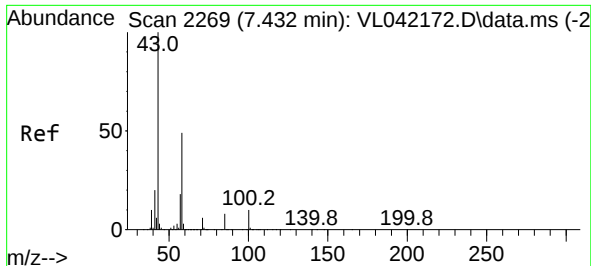
Tgt Ion: 57 Resp: 13063
Ion Ratio Lower Upper
57 100
41 113.7 26.8 40.2#
56 106.1 25.6 38.4#



#50
4-Methyl-2-Pentanone
Concen: 0.148 ppbv
RT: 5.772 min Scan# 1756
Delta R.T. 0.026 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 43 Resp: 9108
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

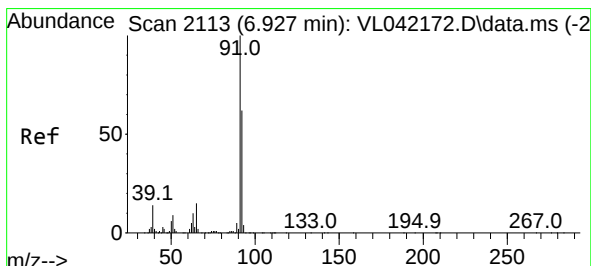
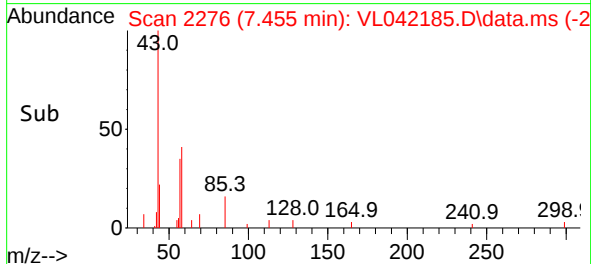
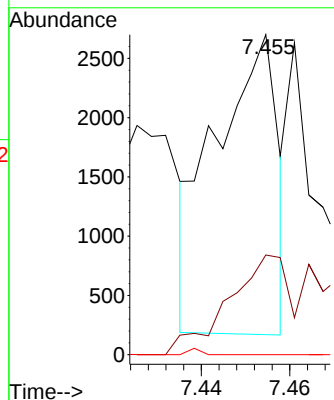
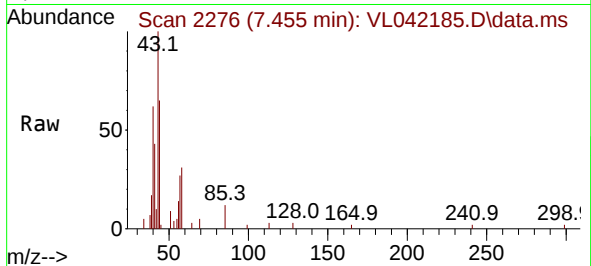




#51
2-Hexanone
Concen: 0.049 ppbv
RT: 7.455 min Scan# 2116
Delta R.T. 0.023 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

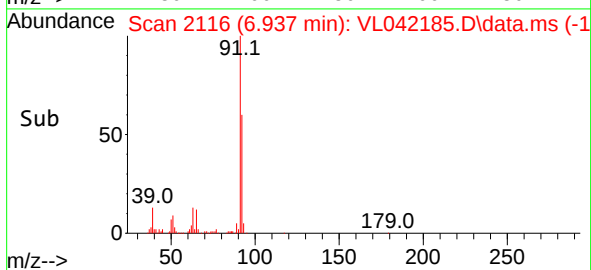
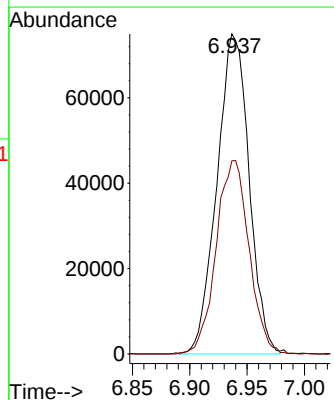
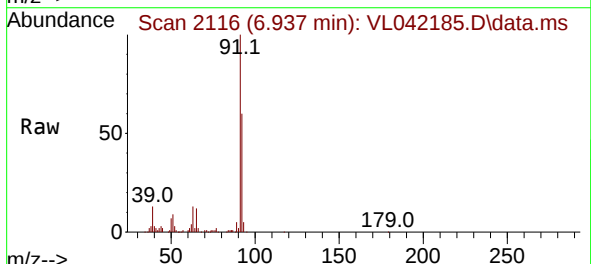
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

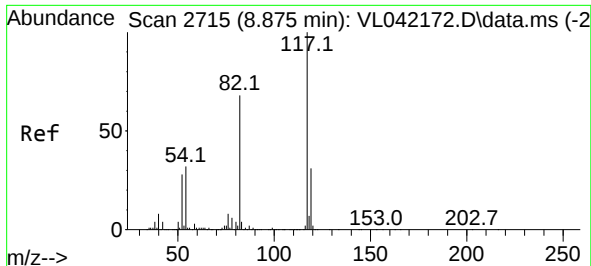
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 60.8 39.7 59.5#
98 0.0 0.1 0.1#



#53
Toluene
Concen: 2.319 ppbv
RT: 6.937 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 91 Resp: 146384
Ion Ratio Lower Upper
91 100
92 61.6 48.4 72.6

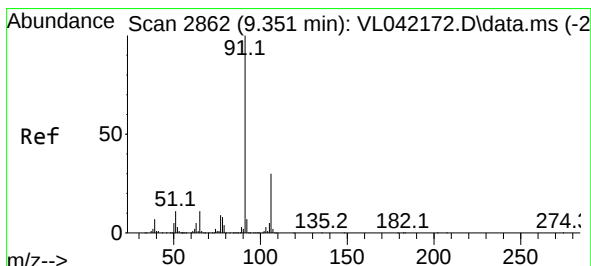
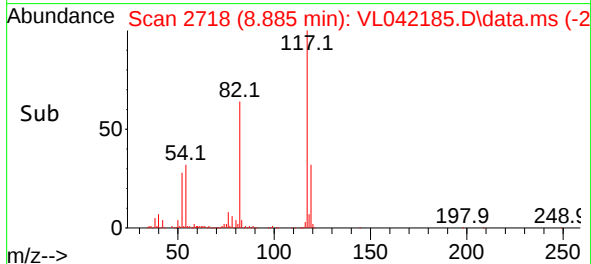
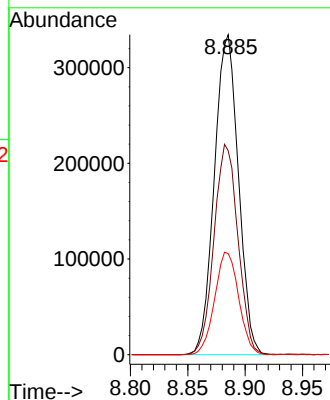
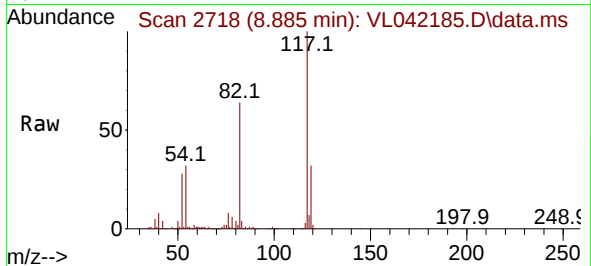




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

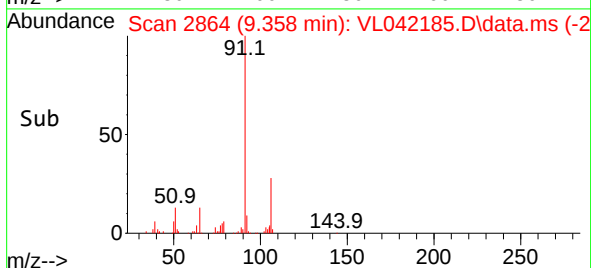
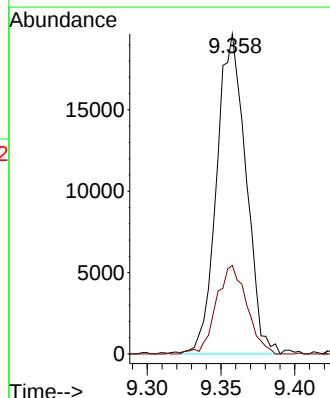
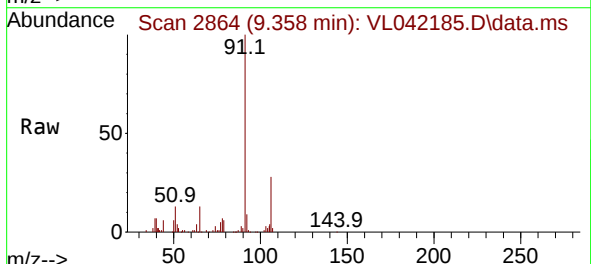
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

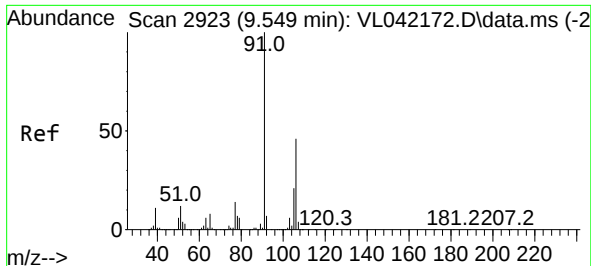
Tgt Ion:117 Resp: 488802
Ion Ratio Lower Upper
117 100
82 65.5 55.8 83.6
119 32.1 25.5 38.3



#58
Ethyl Benzene
Concen: 0.313 ppbv
RT: 9.358 min Scan# 2864
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 91 Resp: 27191
Ion Ratio Lower Upper
91 100
106 27.7 24.2 36.2





#59

m/p-Xylene

Concen: 0.894 ppbv

RT: 9.533 min Scan# 2918

Delta R.T. -0.016 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Instrument :

MSVOA_L

ClientSampleId :

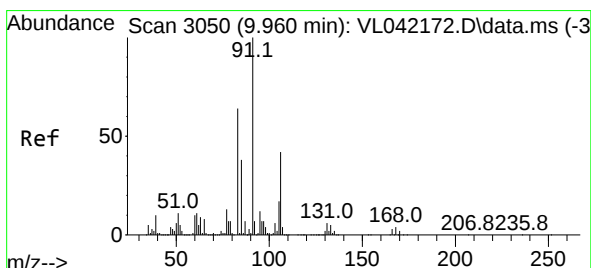
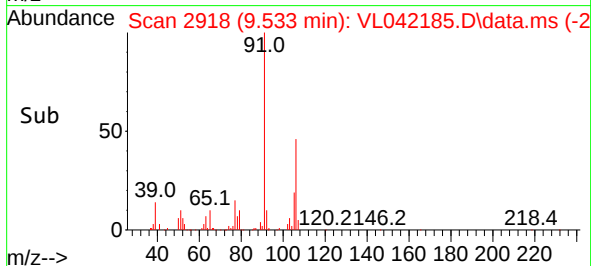
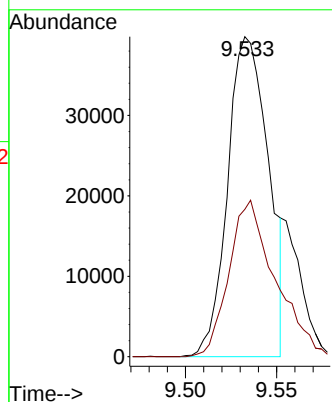
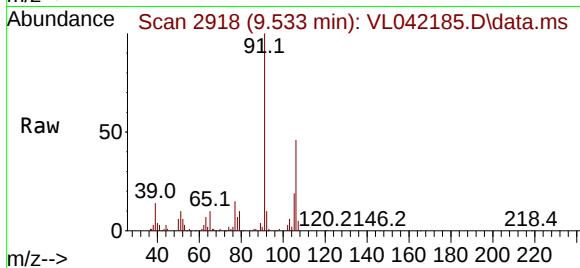
IA-B9-3-3262025

Tgt Ion: 91 Resp: 61979

Ion Ratio Lower Upper

91 100

106 55.4 36.4 54.6#



#60

o-Xylene

Concen: 0.505 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VL042185.D

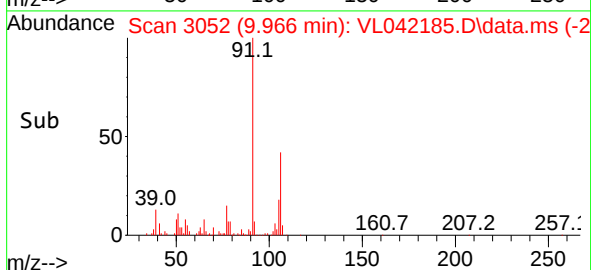
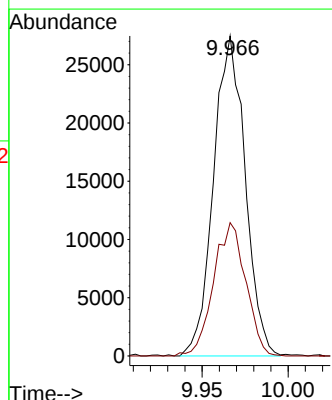
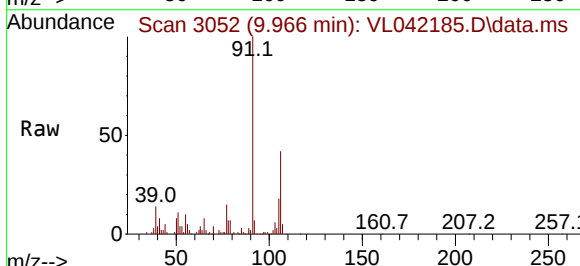
Acq: 27 Mar 2025 18:22

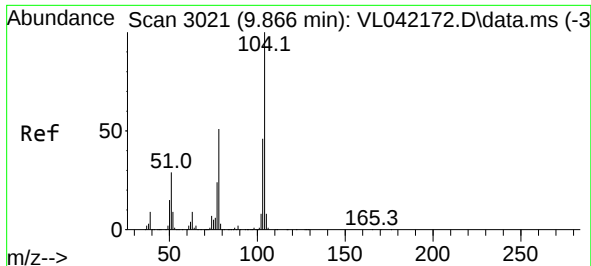
Tgt Ion: 91 Resp: 35115

Ion Ratio Lower Upper

91 100

106 42.3 20.8 62.5

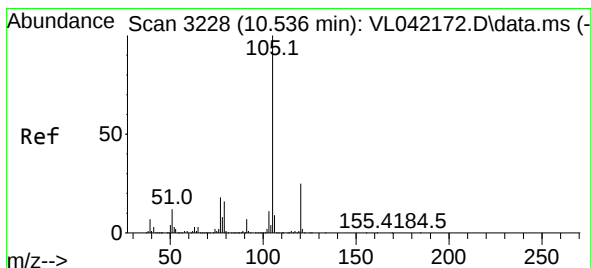
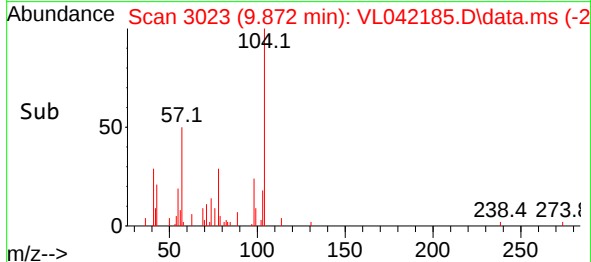
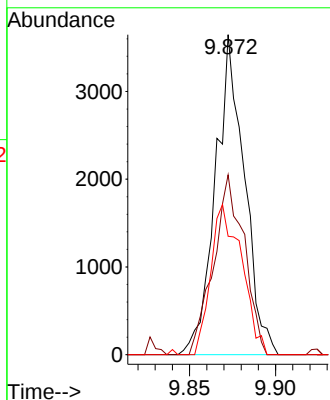
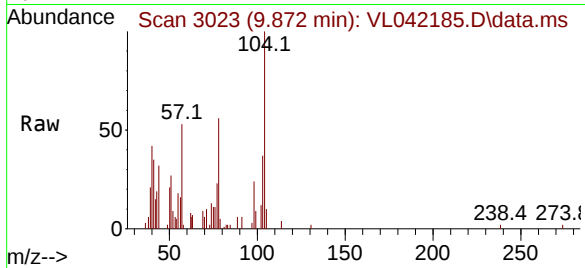




#61
Styrene
Concen: 0.124 ppbv
RT: 9.872 min Scan# 3021
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

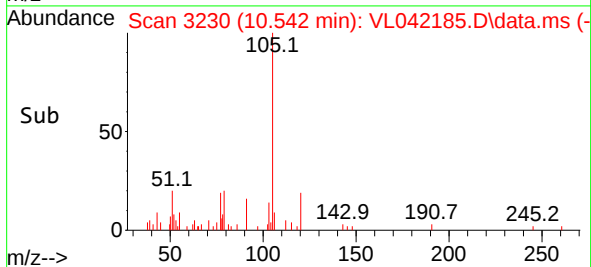
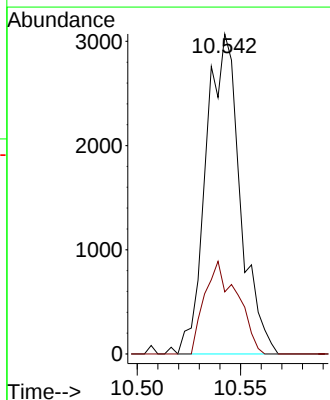
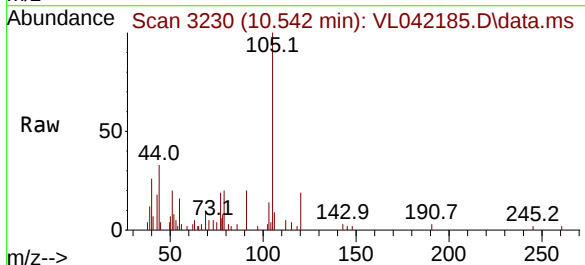
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

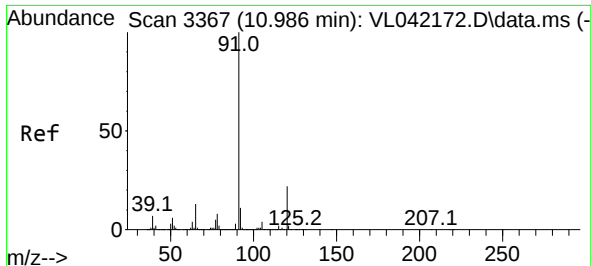
Tgt Ion:	104	Resp:	4273
Ion Ratio	Lower	Upper	
104	100		
78	60.5	41.8	62.6
103	49.9	37.0	55.4



#62
Isopropylbenzene
Concen: 0.034 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion:	105	Resp:	3524
Ion Ratio	Lower	Upper	
105	100		
120	27.8	19.9	29.9

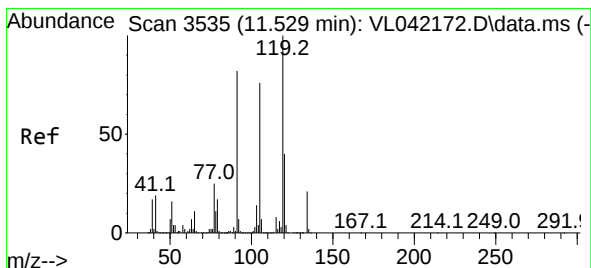
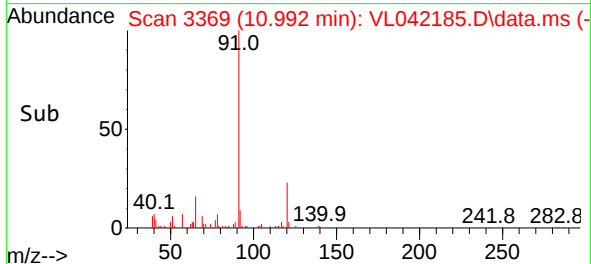
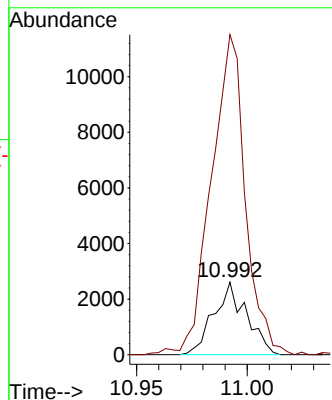
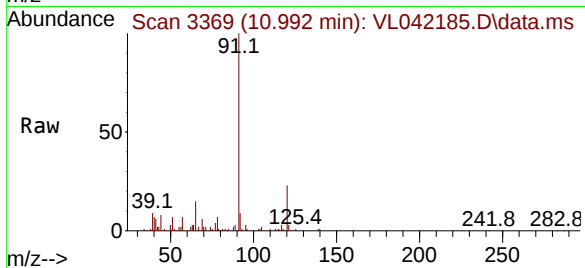




#64
n-propylbenzene
Concen: 0.100 ppbv
RT: 10.992 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

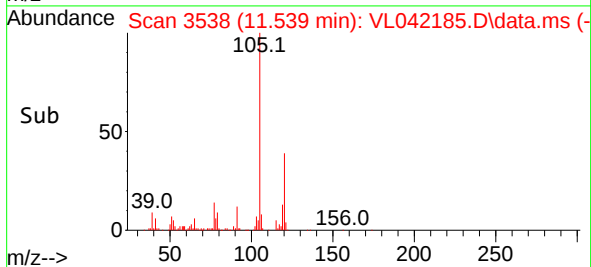
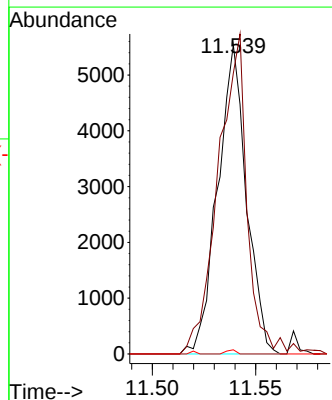
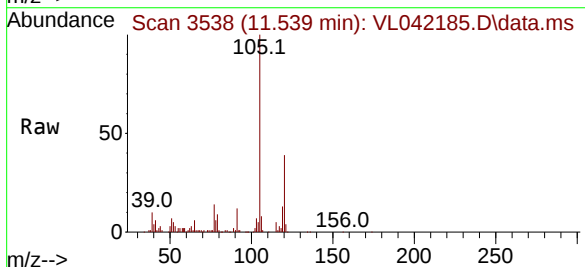
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

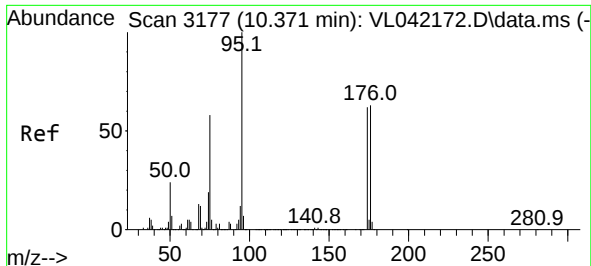
Tgt Ion:120 Resp: 2677
Ion Ratio Lower Upper
120 100
91 461.2 376.9 565.3



#65
tert-Butylbenzene
Concen: 0.056 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion:119 Resp: 5380
Ion Ratio Lower Upper
119 100
91 105.0 66.0 99.0#
134 0.7 16.7 25.1#

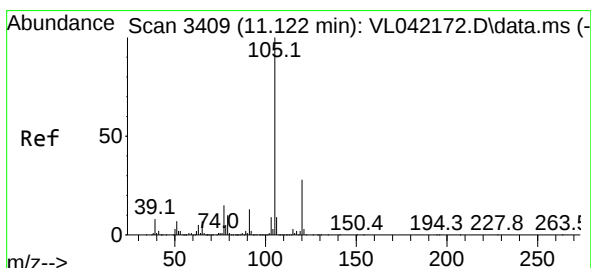
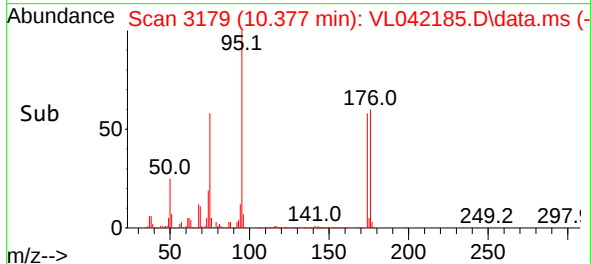
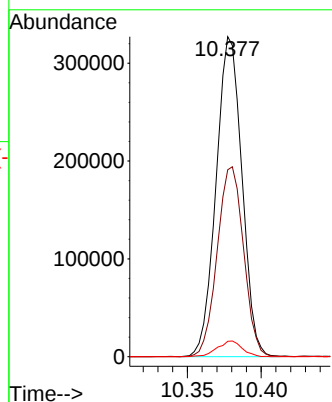
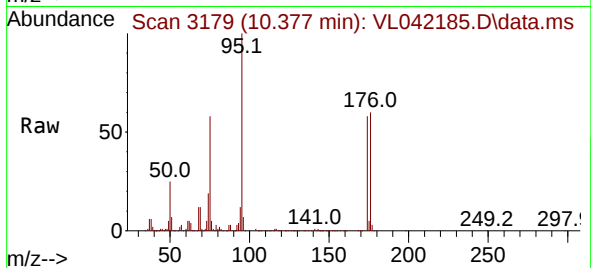




#68
1-Bromo-4-Fluorobenzene
Concen: 9.946 ppbv
RT: 10.377 min Scan# 3177
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

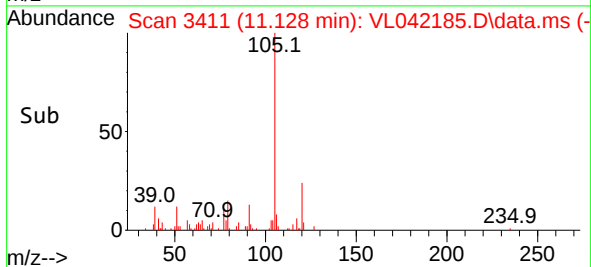
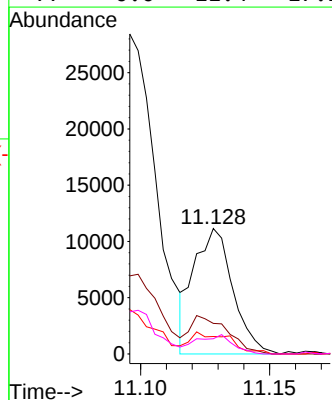
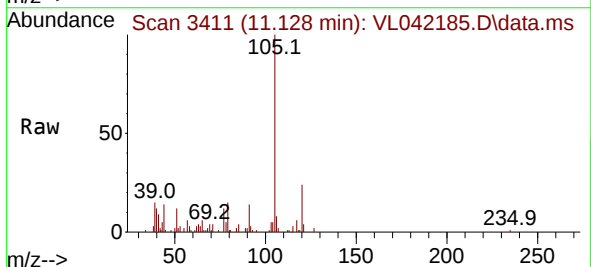
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

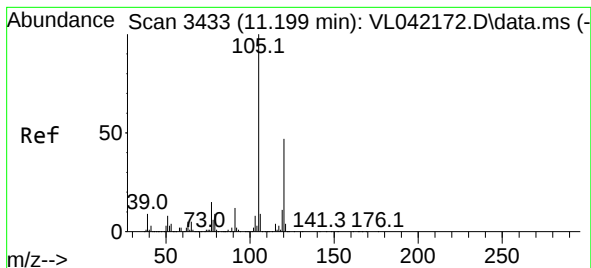
Tgt Ion: 95 Resp: 399253
Ion Ratio Lower Upper
95 100
174 60.5 50.6 76.0
175 4.8 3.8 5.6



#72
4-Ethyltoluene
Concen: 0.135 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.007 min
Lab File: VL042185.D
Acq: 27 Mar 2025 18:22

Tgt Ion: 105 Resp: 11701
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 10.3 15.5#
77 0.0 11.4 17.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.168 ppbv

RT: 11.206 min Scan# 3433

Delta R.T. 0.007 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Instrument :

MSVOA_L

ClientSampleId :

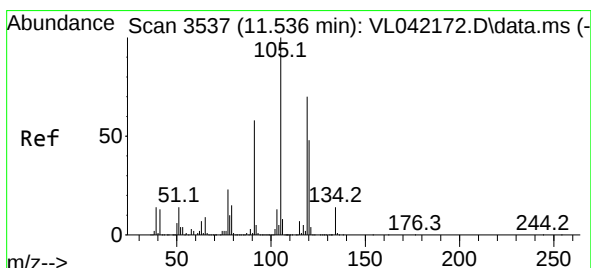
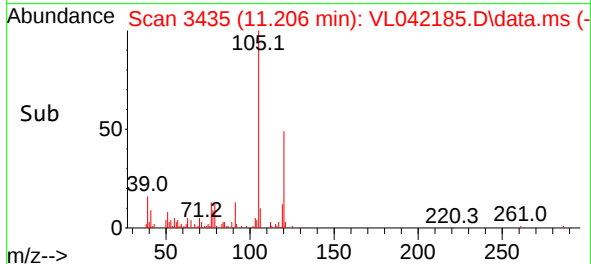
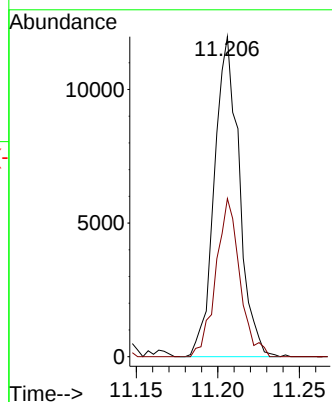
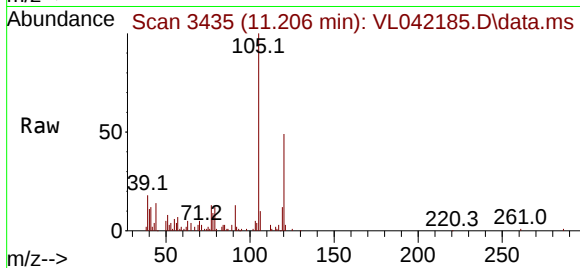
IA-B9-3-3262025

Tgt Ion:105 Resp: 12679

Ion Ratio Lower Upper

105 100

120 49.4 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 0.510 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL042185.D

Acq: 27 Mar 2025 18:22

Tgt Ion:105 Resp: 44446

Ion Ratio Lower Upper

105 100

120 38.5 38.6 58.0#

91 11.8 46.2 69.2#

77 14.5 18.6 27.8#

