

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041861.D
 Acq On : 09 Jan 2025 12:22
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 00:15:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	143443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	434494	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	394905	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	317281	9.381	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	25040	1.064	ppbv	97
3) Chlorodifluoromethane	1.483	51	27080	1.204	ppbv	99
4) Chloromethane	1.541	50	9681	1.000	ppbv	95
5) Vinyl Chloride	1.586	62	9371	0.960	ppbv	99
6) Bromomethane	1.674	94	4513	1.079	ppbv	93
7) Chloroethane	1.712	64	4049	1.077	ppbv	97
8) Dichlorotetrafluoroethane	1.560	85	20696	1.019	ppbv	100
9) Propene	1.489	41	13149	1.680	ppbv	90
10) Heptane	5.011	43	33313	1.722	ppbv	99
11) Trichlorofluoromethane	1.887	101	24866	1.039	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.153	101	20153	1.131	ppbv	99
13) Ethanol	1.729	45	1448	1.408	ppbv	72
14) Bromoethene	1.790	108	6917	1.185	ppbv #	88
15) Acetone	1.845	43	28258	1.070	ppbv	97
16) 1,3-Butadiene	1.615	39	10650	1.028	ppbv	99
17) tert-Butyl alcohol	2.052	59	29021	1.268	ppbv #	87
18) 1,1-Dichloroethene	2.046	96	9481	1.270	ppbv	90
19) Isopropyl Alcohol	1.897	45	13968	1.127	ppbv #	35
20) Methylene Chloride	2.072	84	9326	1.235	ppbv #	73
21) Allyl Chloride	2.107	41	16109	1.184	ppbv	94
22) trans-1,2-Dichloroethene	2.353	96	10902	1.307	ppbv	90
23) Vinyl Acetate	2.473	43	11666	1.420	ppbv	97
24) 1,1-Dichloroethane	2.421	63	20750	1.137	ppbv #	94
25) Ethyl Acetate	2.855	43	62927	1.421	ppbv	98
26) Hexane	2.842	57	25792	1.678	ppbv	96
27) Carbon Disulfide	2.162	76	24132	1.654	ppbv #	30
28) Methyl tert-Butyl Ether	2.457	73	19330	1.669	ppbv	92
29) Chloroform	2.865	83	36445	1.276	ppbv	97
30) Cyclohexane	3.881	84	21797	1.870	ppbv	91
31) cis-1,2-Dichloroethene	2.735	61	25721	1.626	ppbv	93
32) 1,1,1-Trichloroethane	3.389	97	34347	1.327	ppbv	98
34) 2-Butanone	2.573	43	37395	1.093	ppbv	100
35) Carbon Tetrachloride	3.784	117	33087	1.008	ppbv	93
36) Benzene	3.677	78	52621	1.268	ppbv	96
37) 1,2-Dichloroethane	3.237	62	26348	0.966	ppbv #	96
38) Trichloroethene	4.577	130	20492	1.284	ppbv	96
39) 1,2-Dichloropropane	4.341	63	18342	1.142	ppbv	90
40) 1,4-Dioxane	4.622	88	5243	0.844	ppbv #	1
41) Tetrahydrofuran	3.082	42	21802	1.352	ppbv	96
42) Bromodichloromethane	4.515	83	37075	1.158	ppbv #	93
43) Methyl Methacrylate	4.913	69	20990	1.610	ppbv	95
44) 2,2,4-Trimethylpentane	4.671	57	89035	1.302	ppbv	100
45) t-1,3-Dichloropropene	6.448	75	20502	1.611	ppbv	91

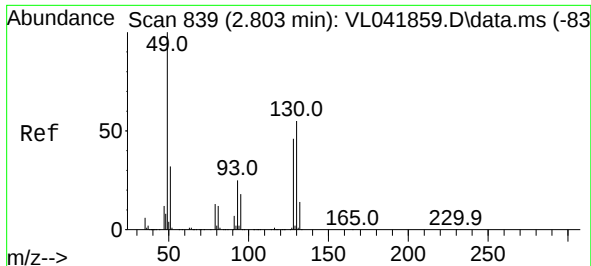
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041861.D
 Acq On : 09 Jan 2025 12:22
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
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Quant Time: Jan 10 00:15:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	17954	1.071	ppbv	98
47) 1,1,2-Trichloroethane	6.619	97	19621	1.157	ppbv	99
48) Dibromochloromethane	7.412	129	15685	0.726	ppbv #	10
49) Bromoform	9.503	173	24569	1.418	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	28971	0.732	ppbv #	48
51) 2-Hexanone	7.470	43	41781	1.395	ppbv #	94
52) Tetrachloroethene	8.250	164	18665	1.517	ppbv	96
53) Toluene	6.962	91	62304	1.686	ppbv	100
54) 1,2-Dibromoethane	7.678	107	26769	1.287	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.946	131	24293	1.079	ppbv	98
57) Chlorobenzene	8.946	112	47288	1.146	ppbv	89
58) Ethyl Benzene	9.377	91	84795	1.575	ppbv	98
59) m/p-Xylene	9.552	91	71678	1.512	ppbv #	100
60) o-Xylene	9.982	91	67480	1.460	ppbv	98
61) Styrene	9.891	104	32180	1.795	ppbv	96
62) Isopropylbenzene	10.558	105	101824	1.402	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.985	83	39140	0.966	ppbv	96
64) n-propylbenzene	11.008	120	26642	1.430	ppbv	98
65) tert-Butylbenzene	11.549	119	95303	1.457	ppbv	99
66) Benzyl Chloride	11.633	91	9179	1.675	ppbv #	96
67) sec-Butylbenzene	11.785	105	130334	1.365	ppbv	99
69) p-Isopropyltoluene	11.943	119	112256	1.498	ppbv	99
70) n-Butylbenzene	12.299	91	111884	1.486	ppbv	99
71) 2-Chlorotoluene	10.917	91	79598	1.510	ppbv	99
72) 4-Ethyltoluene	11.141	105	84096	1.505	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	71812	1.467	ppbv	99
74) 1,2,4-Trimethylbenzene	11.552	105	79018	1.394	ppbv	91
75) 1,3-Dichlorobenzene	11.623	146	46462	1.224	ppbv	98
76) 1,4-Dichlorobenzene	11.688	146	45316	1.241	ppbv	96
77) 1,2-Dichlorobenzene	11.963	146	44103	1.115	ppbv	97
78) Hexachloro-1,3-Butadiene	13.898	225	40100	1.428	ppbv	99
79) Naphthalene	13.529	128	86398	2.069	ppbv	98
80) Naphthalene,2-methyl-	14.474	142	49515	3.203	ppbv	97
81) 1,2,4-Trichlorobenzene	13.455	180	42679	1.844	ppbv	99

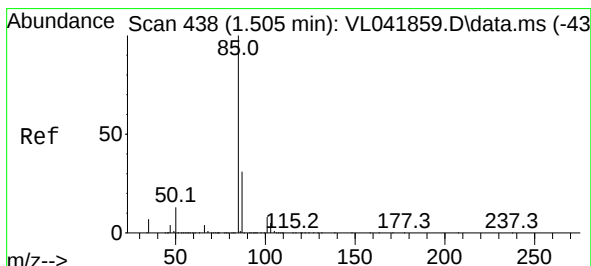
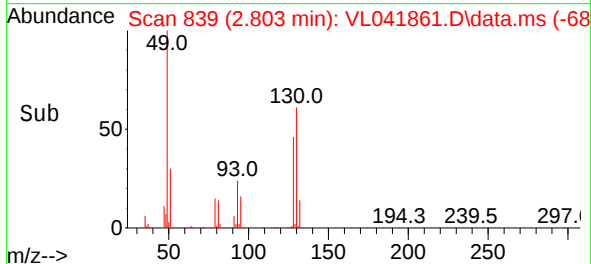
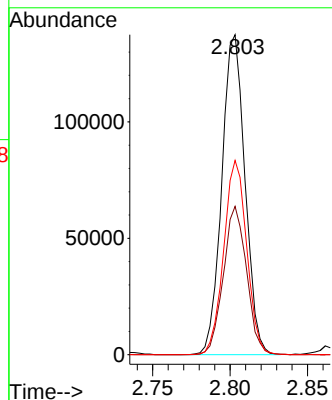
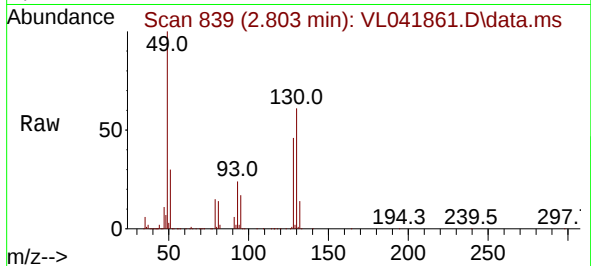
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 839
 Delta R.T. 0.000 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

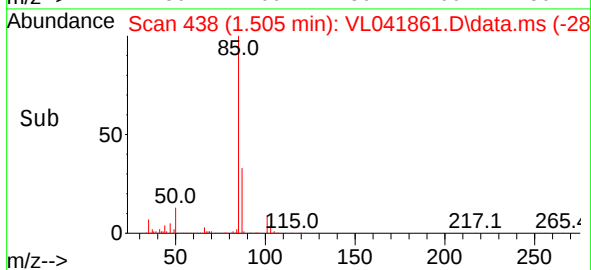
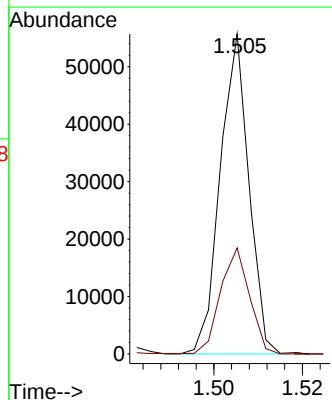
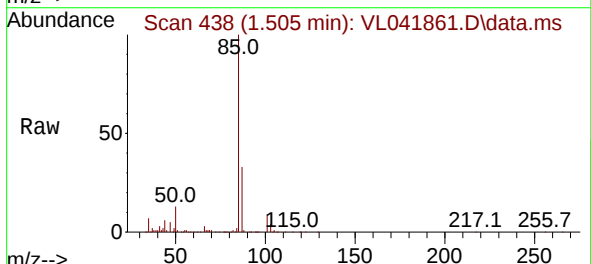
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 MSVOA_L
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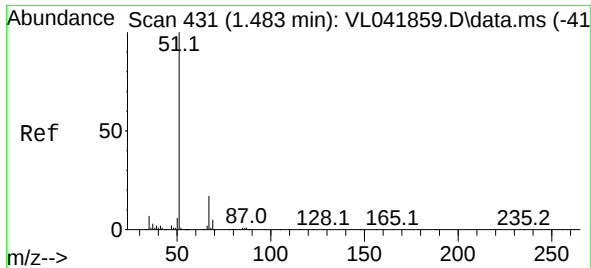
Tgt Ion: 49 Resp: 143443
 Ion Ratio Lower Upper
 49 100
 128 46.3 23.2 69.5
 130 60.1 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 1.064 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

Tgt Ion: 85 Resp: 25040
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.2 37.8

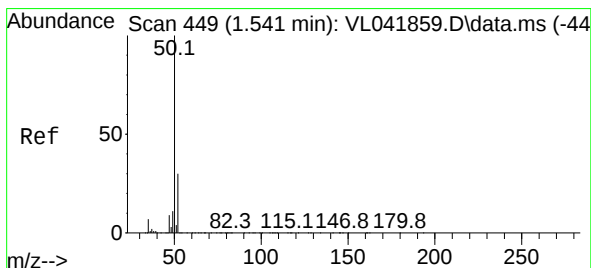
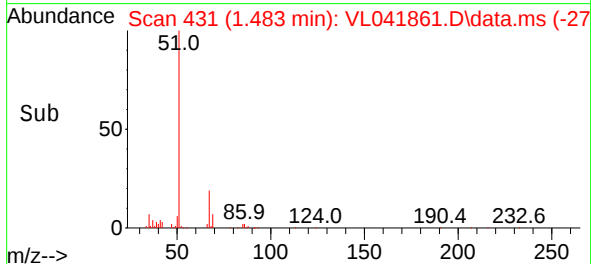
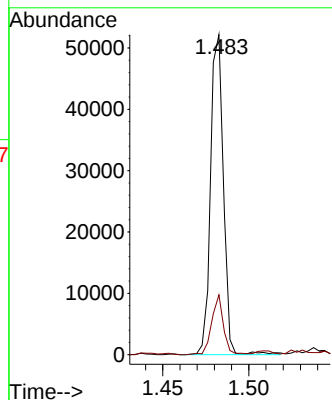
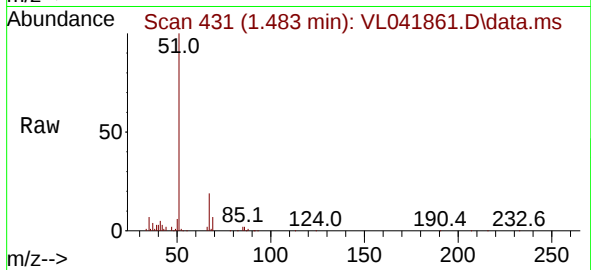




#3
Chlorodifluoromethane
Concen: 1.204 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

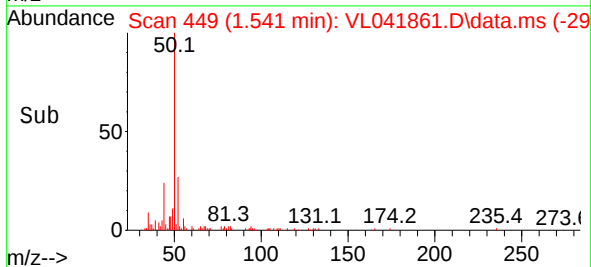
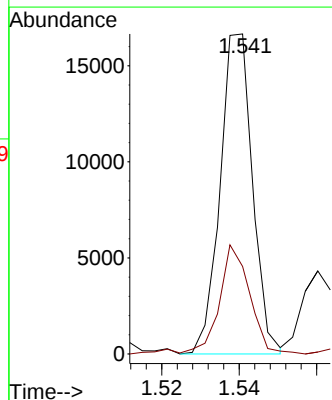
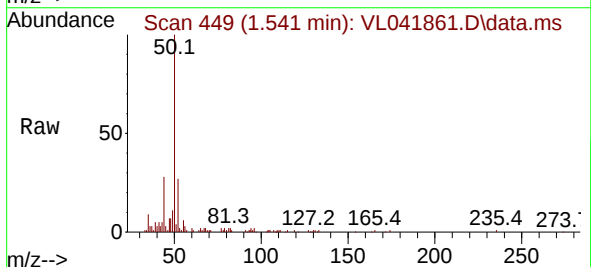
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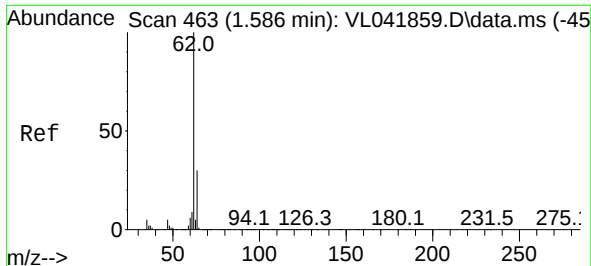
Tgt Ion: 51 Resp: 27080
Ion Ratio Lower Upper
51 100
67 17.1 13.8 20.8



#4
Chloromethane
Concen: 1.000 ppbv
RT: 1.541 min Scan# 449
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 50 Resp: 9681
Ion Ratio Lower Upper
50 100
52 27.1 23.9 35.9

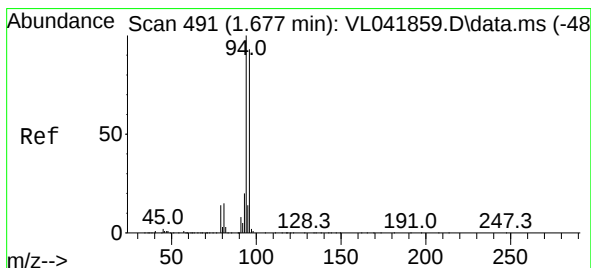
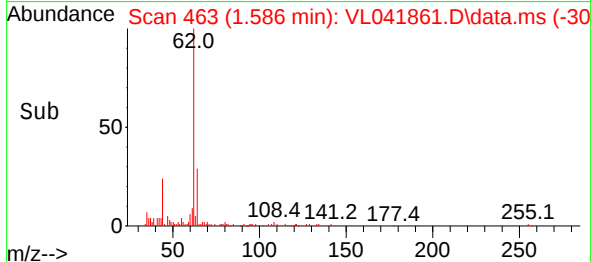
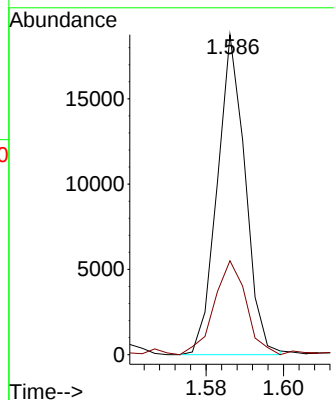
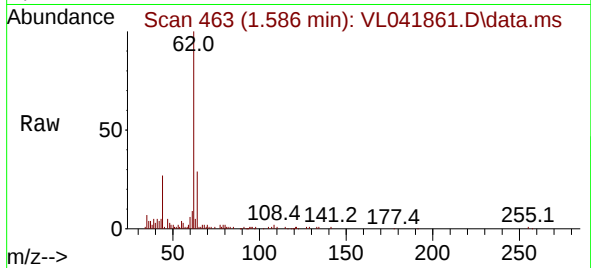




#5
 Vinyl Chloride
 Concen: 0.960 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

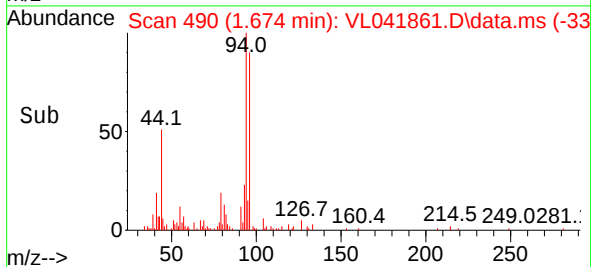
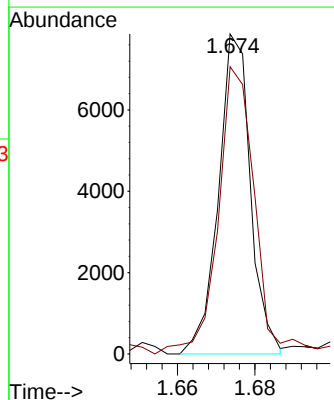
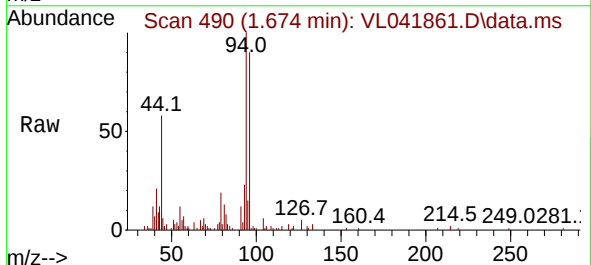
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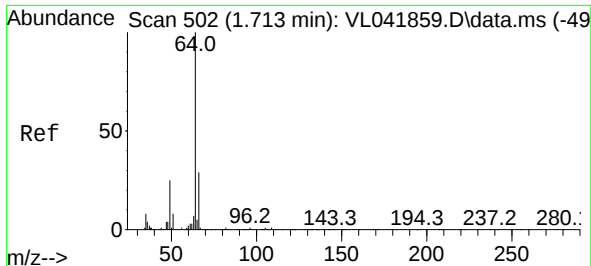
Tgt Ion: 62 Resp: 9371
 Ion Ratio Lower Upper
 62 100
 64 29.3 24.1 36.1



#6
 Bromomethane
 Concen: 1.079 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

Tgt Ion: 94 Resp: 4513
 Ion Ratio Lower Upper
 94 100
 96 86.9 74.8 112.2

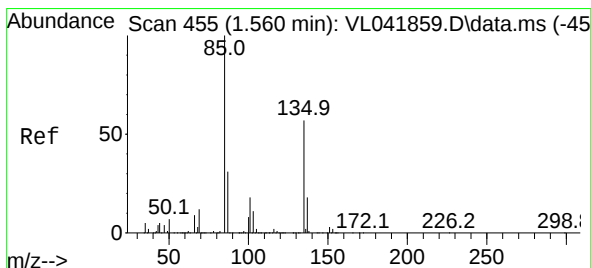
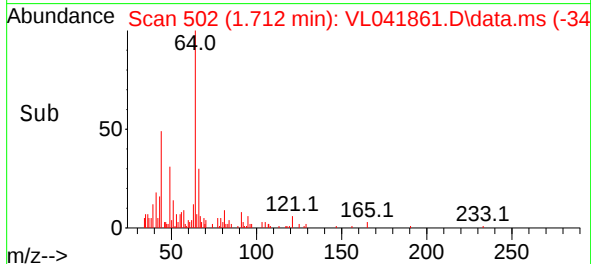
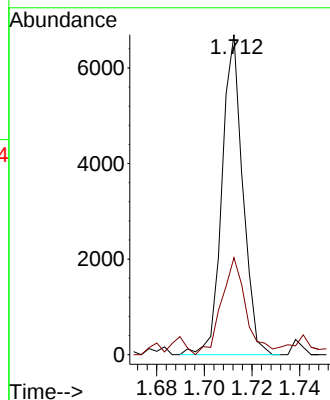
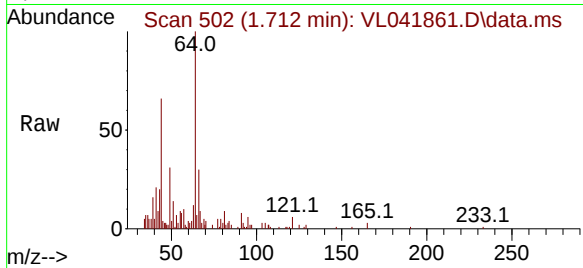




#7
Chloroethane
Concen: 1.077 ppbv
RT: 1.712 min Scan# 502
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

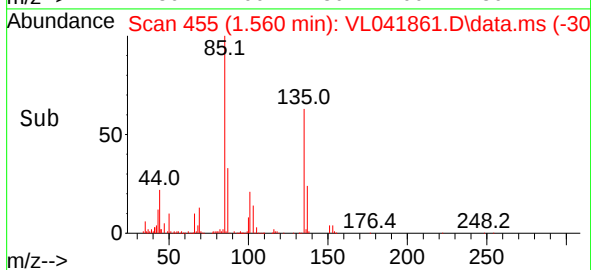
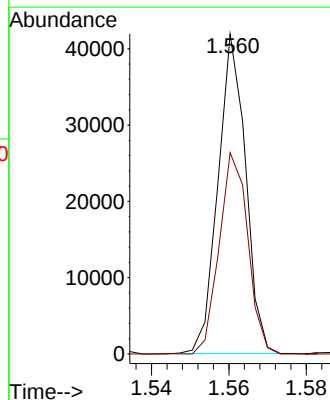
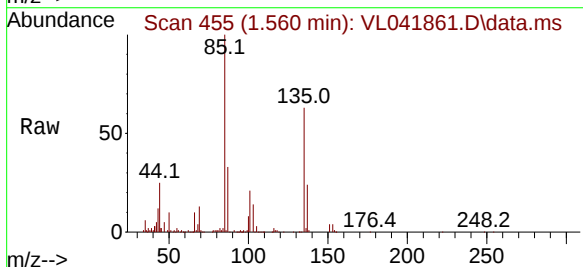
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MSVOA_L
ClientSampleId :

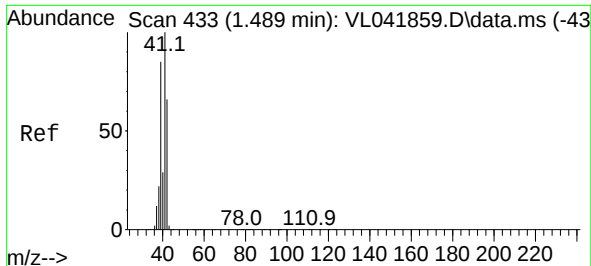
Tgt Ion: 64 Resp: 4049
Ion Ratio Lower Upper
64 100
66 30.3 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 1.019 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 85 Resp: 20696
Ion Ratio Lower Upper
85 100
135 65.5 52.2 78.4





#9

Propene

Concen: 1.680 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

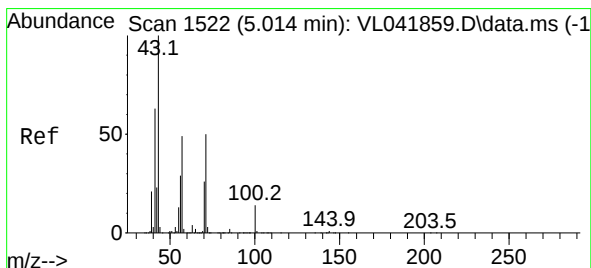
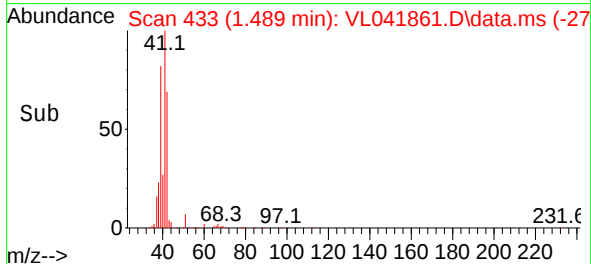
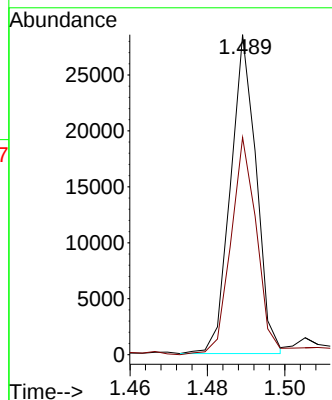
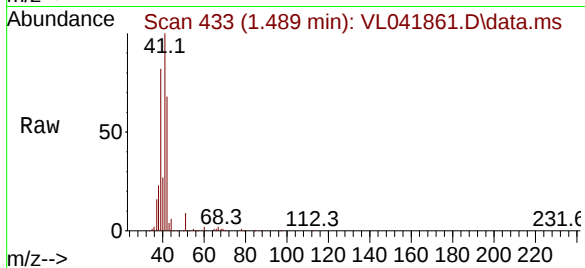
ClientSampleId :

Tgt Ion: 41 Resp: 13149

Ion Ratio Lower Upper

41 100

42 74.0 53.0 79.6



#10

Heptane

Concen: 1.722 ppbv

RT: 5.011 min Scan# 1521

Delta R.T. -0.003 min

Lab File: VL041861.D

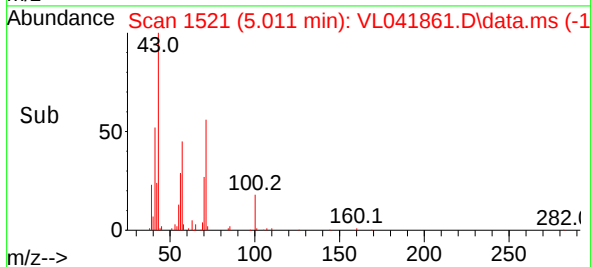
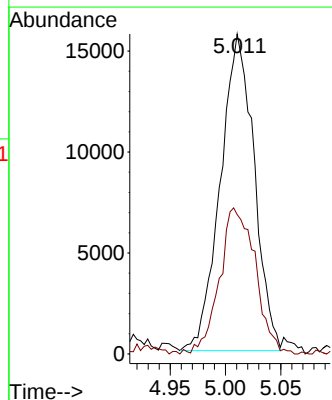
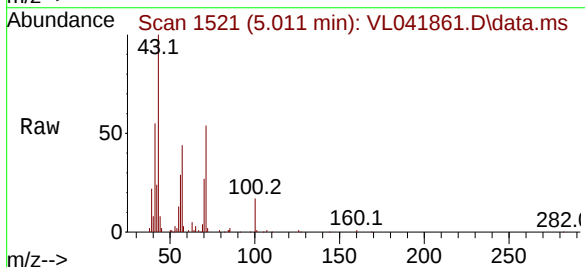
Acq: 09 Jan 2025 12:22

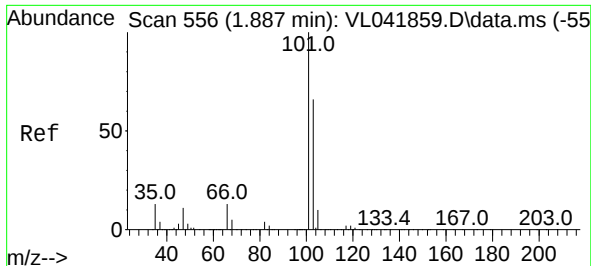
Tgt Ion: 43 Resp: 33313

Ion Ratio Lower Upper

43 100

57 49.2 40.2 60.2





#11

Trichlorofluoromethane

Concen: 1.039 ppbv

RT: 1.887 min Scan# 556

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

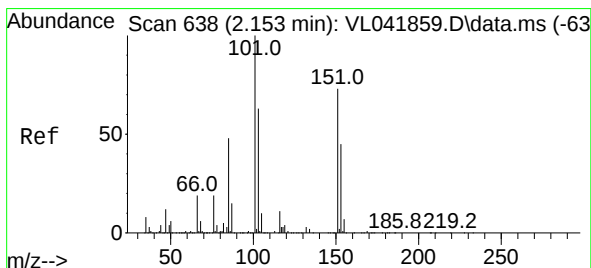
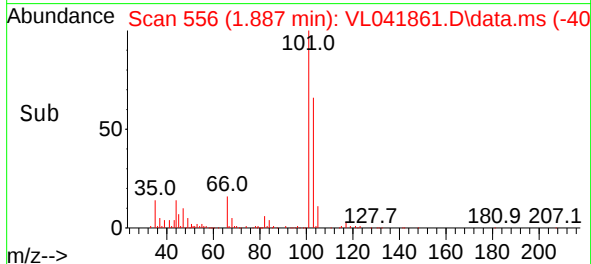
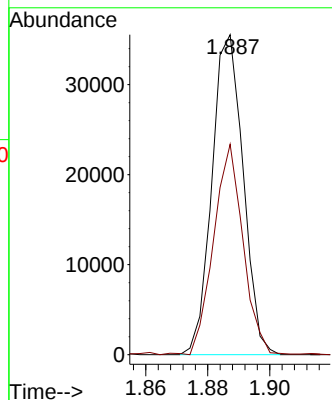
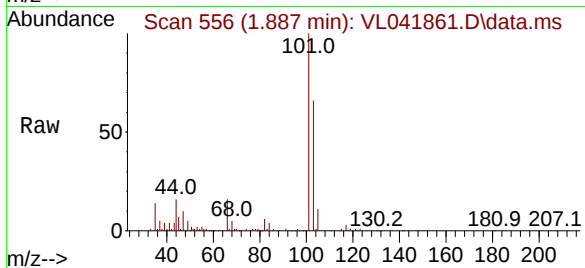
ClientSampleId :

Tgt Ion:101 Resp: 24866

Ion Ratio Lower Upper

101 100

103 65.4 52.6 78.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.131 ppbv

RT: 2.153 min Scan# 638

Delta R.T. -0.000 min

Lab File: VL041861.D

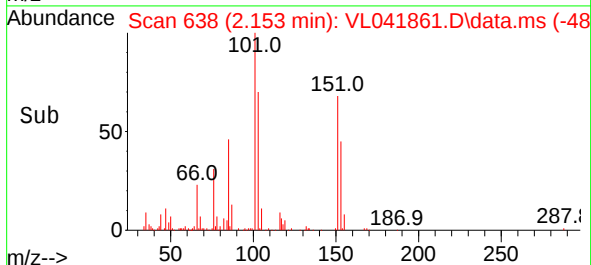
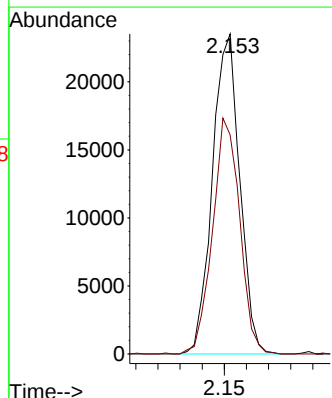
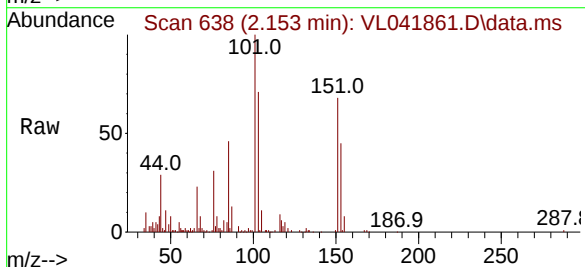
Acq: 09 Jan 2025 12:22

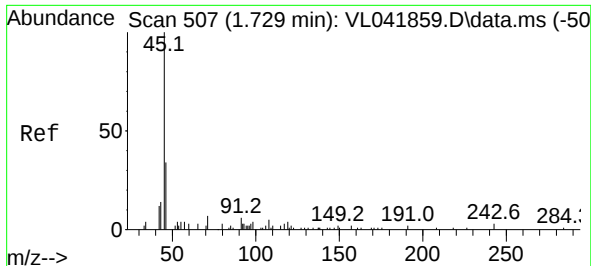
Tgt Ion:101 Resp: 20153

Ion Ratio Lower Upper

101 100

151 73.4 59.4 89.0





#13

Ethanol

Concen: 1.408 ppbv

RT: 1.729 min Scan# 507

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

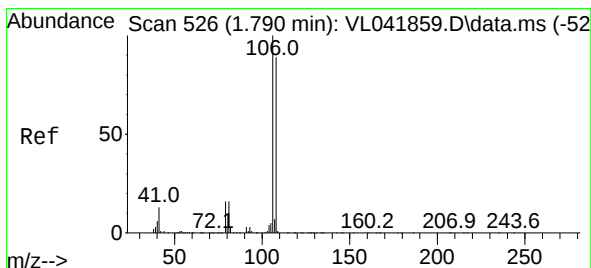
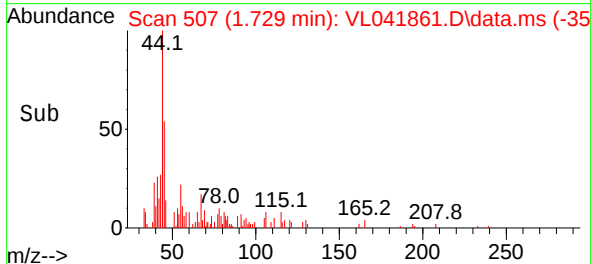
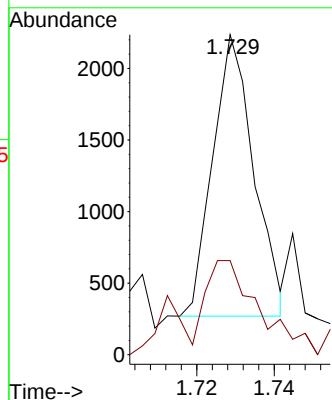
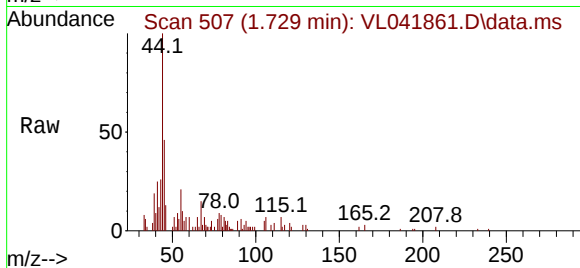
ClientSampleId :

Tgt Ion: 45 Resp: 1448

Ion Ratio Lower Upper

45 100

46 66.4 19.0 76.0



#14

Bromoethene

Concen: 1.185 ppbv

RT: 1.790 min Scan# 526

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

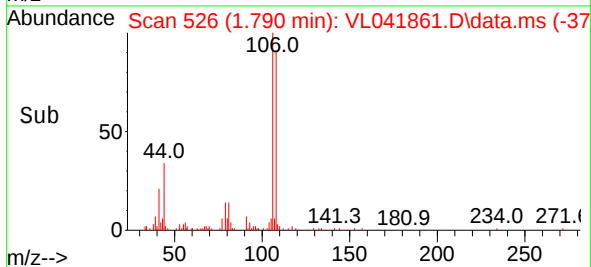
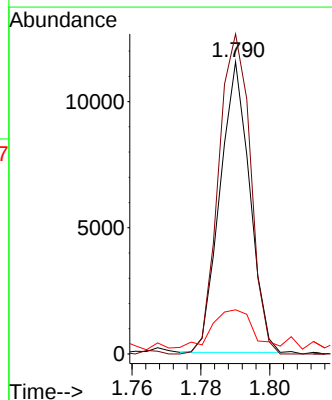
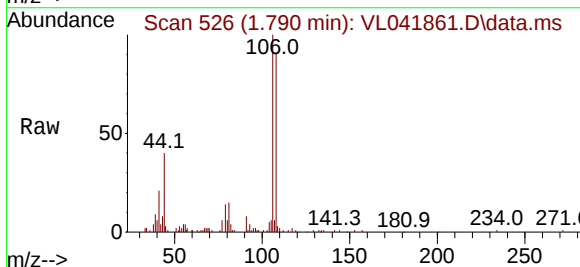
Tgt Ion:108 Resp: 6917

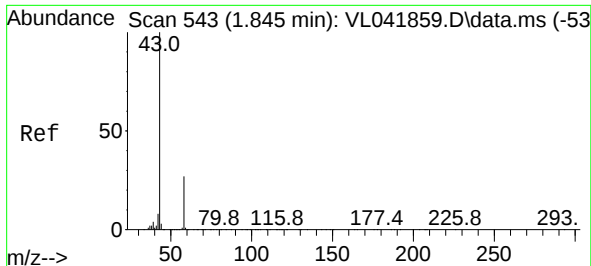
Ion Ratio Lower Upper

108 100

106 119.1 86.9 130.3

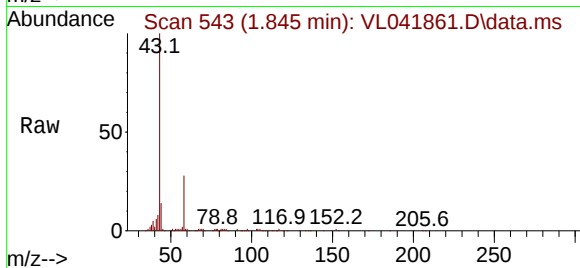
79 28.6 15.6 23.4#



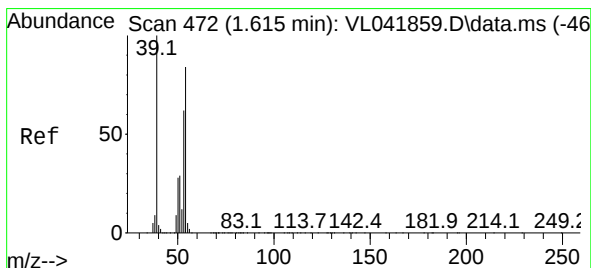
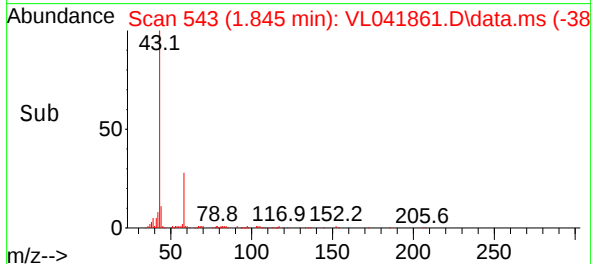
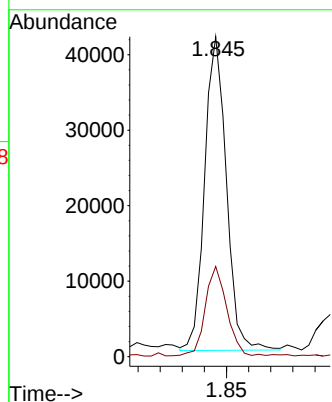


#15
Acetone
Concen: 1.070 ppbv
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :

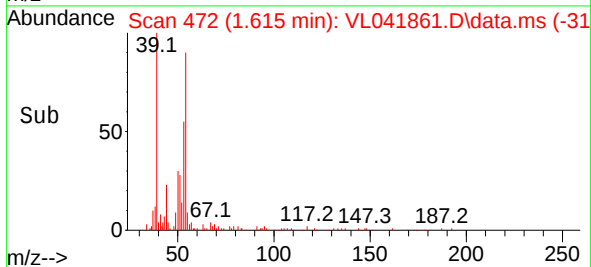
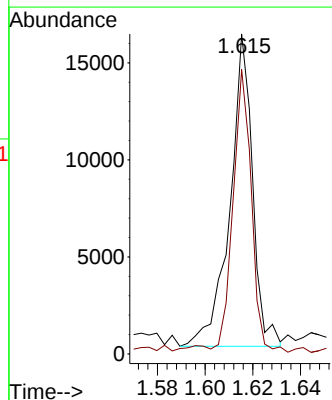
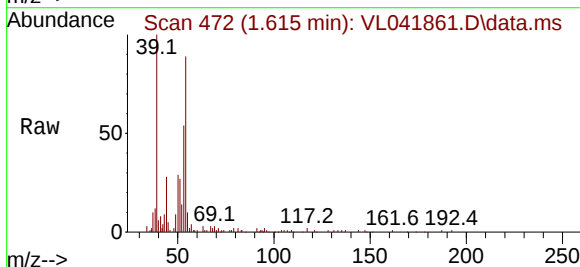


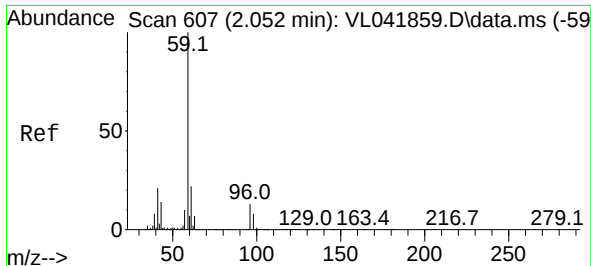
Tgt Ion: 43 Resp: 28258
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1



#16
1,3-Butadiene
Concen: 1.028 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 39 Resp: 10650
Ion Ratio Lower Upper
39 100
54 76.1 60.1 90.1





#17

tert-Butyl alcohol

Concen: 1.268 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

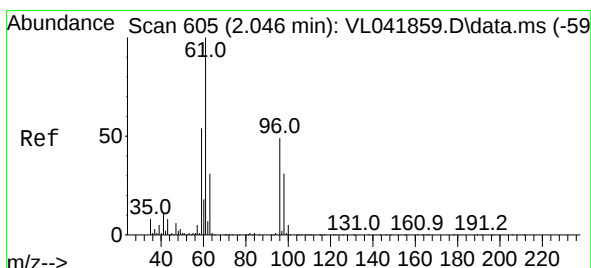
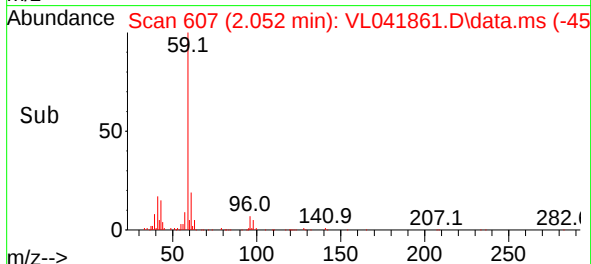
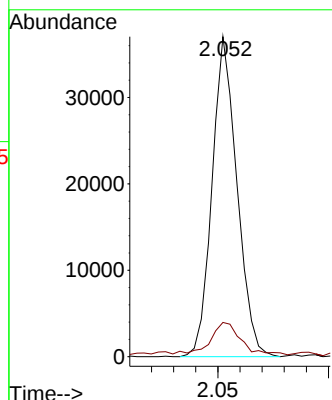
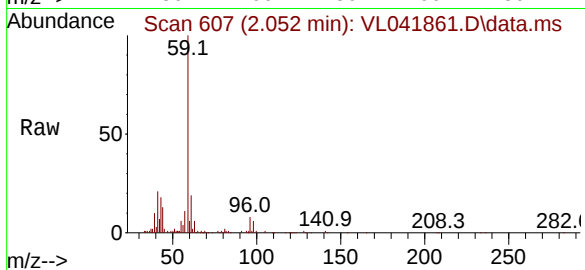
ClientSampleId :

Tgt Ion: 59 Resp: 29021

Ion Ratio Lower Upper

59 100

57 15.3 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 1.270 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

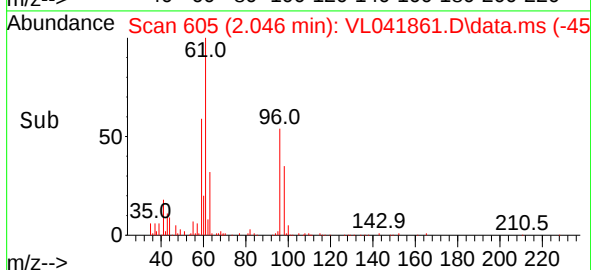
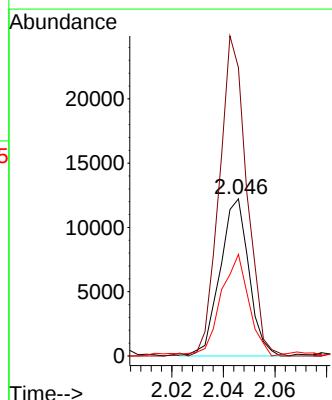
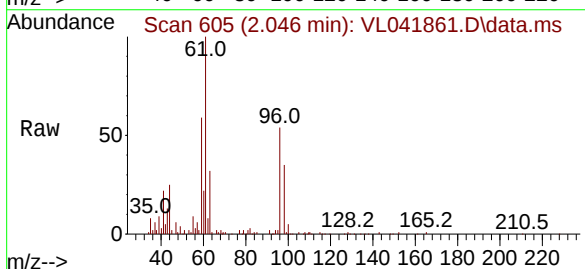
Tgt Ion: 96 Resp: 9481

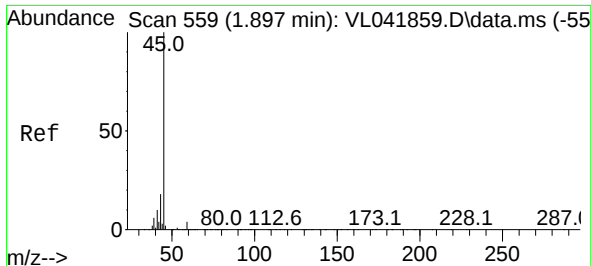
Ion Ratio Lower Upper

96 100

61 181.8 161.7 242.5

98 63.8 51.0 76.4





#19

Isopropyl Alcohol

Concen: 1.127 ppbv

RT: 1.897 min Scan# 559

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

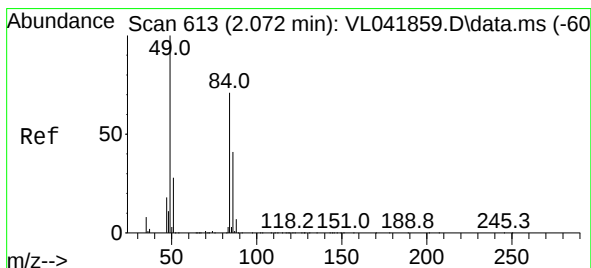
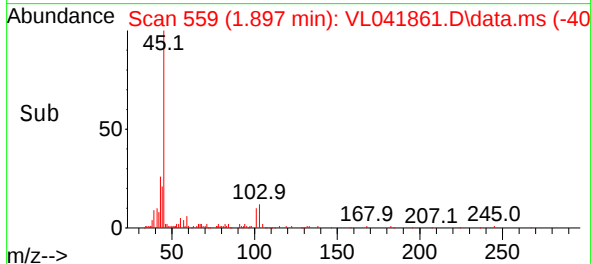
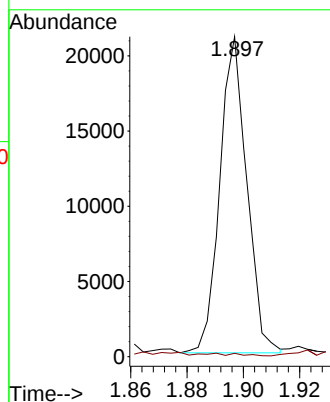
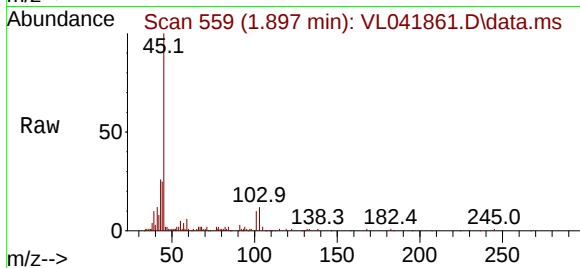
ClientSampleId :

Tgt Ion: 45 Resp: 13968

Ion Ratio Lower Upper

45 100

58 2.9 37.0 55.6#



#20

Methylene Chloride

Concen: 1.235 ppbv

RT: 2.072 min Scan# 613

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion: 84 Resp: 9326

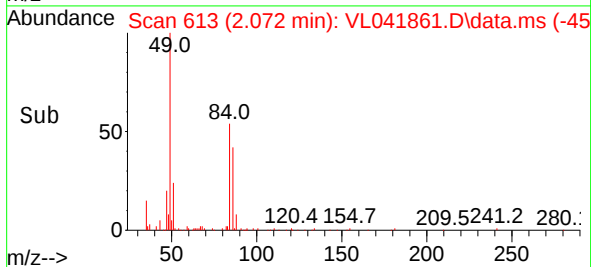
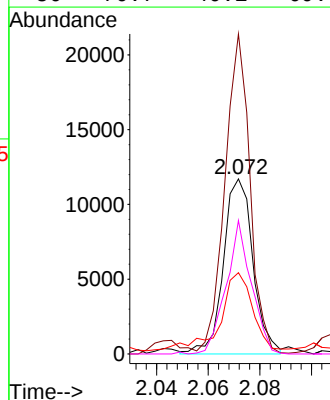
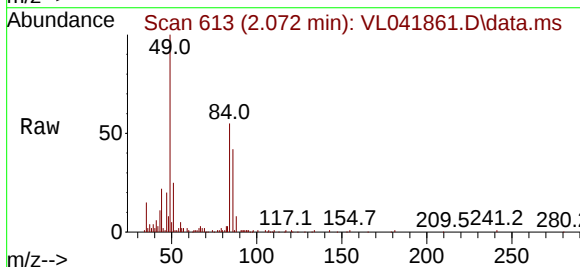
Ion Ratio Lower Upper

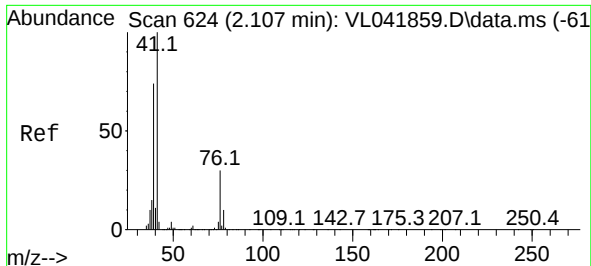
84 100

49 184.6 113.8 170.8#

51 44.2 33.5 50.3

86 76.7 46.2 69.4#

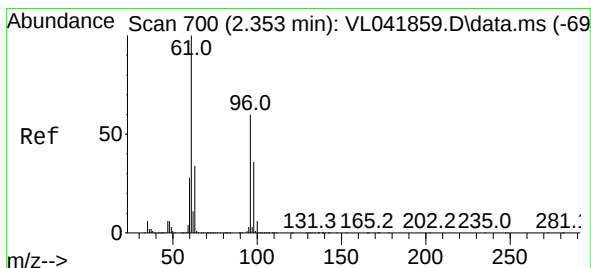
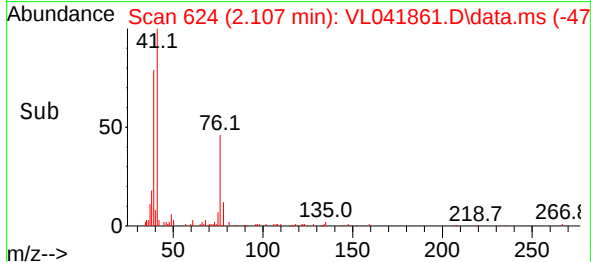
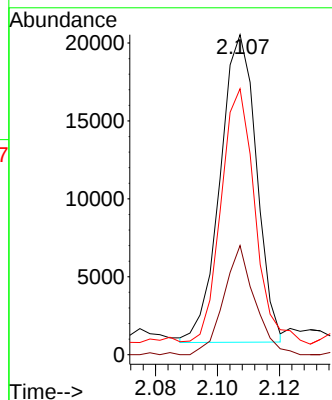
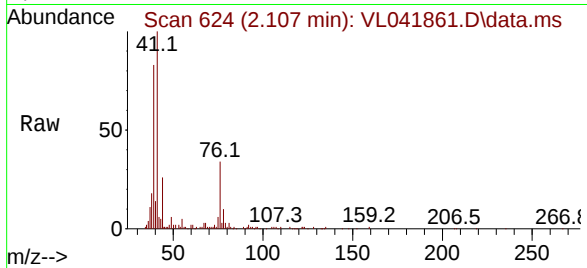




#21
 Allyl Chloride
 Concen: 1.184 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

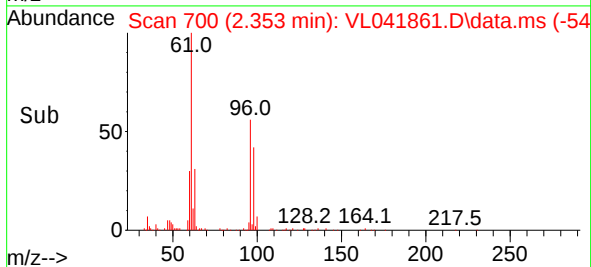
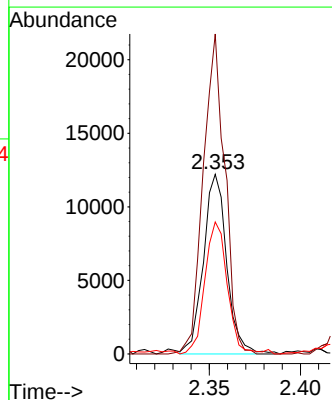
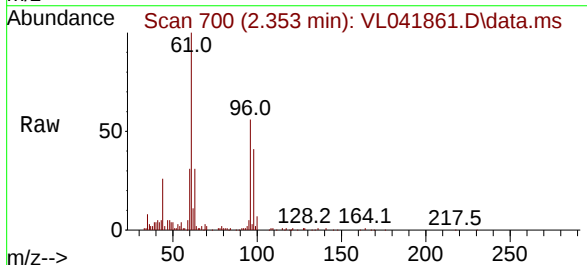
Instrument :
 MSVOA_L
 ClientSampleId :

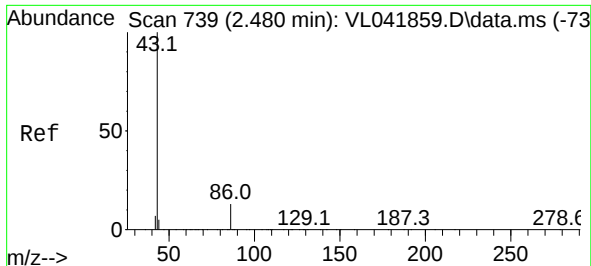
Tgt Ion: 41 Resp: 16109
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.6 36.8
 39 81.6 60.1 90.1



#22
 trans-1,2-Dichloroethene
 Concen: 1.307 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. -0.000 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

Tgt Ion: 96 Resp: 10902
 Ion Ratio Lower Upper
 96 100
 61 178.1 134.2 201.4
 98 73.4 49.0 73.4





#23

Vinyl Acetate

Concen: 1.420 ppbv

RT: 2.473 min Scan# 741

Delta R.T. -0.007 min MSVOA_L

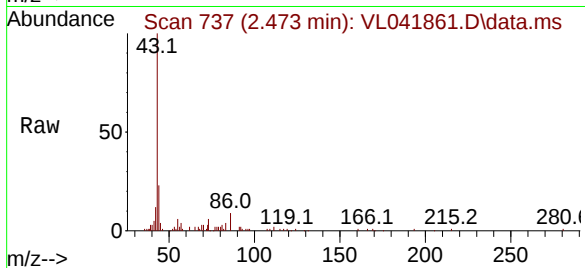
Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 11666

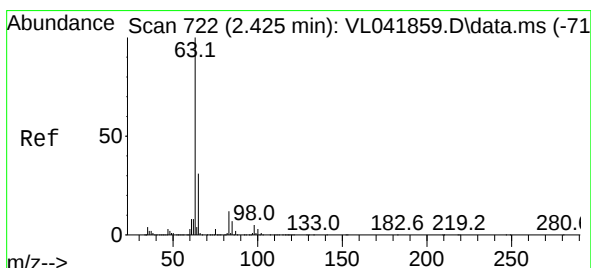
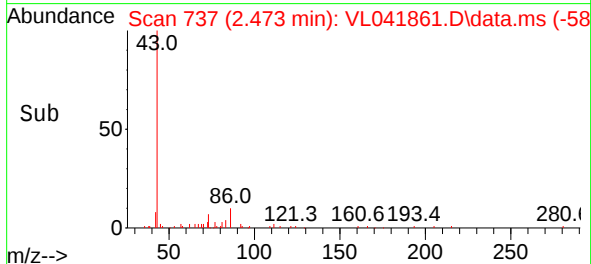
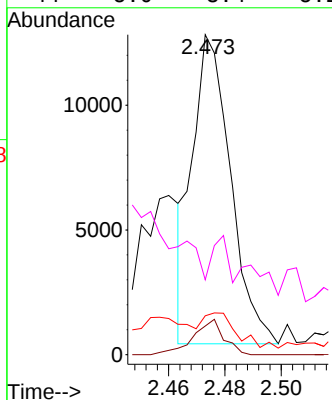
Ion Ratio Lower Upper

43 100

86 9.3 7.8 11.6

42 10.4 7.0 10.4

44 5.0 3.4 5.2



#24

1,1-Dichloroethane

Concen: 1.137 ppbv

RT: 2.421 min Scan# 721

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

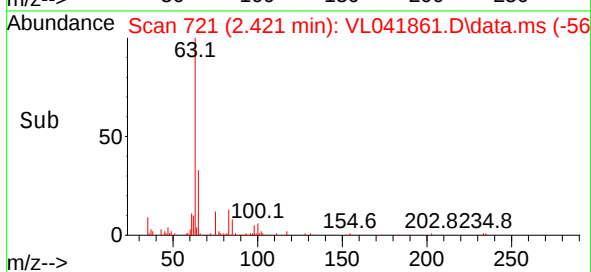
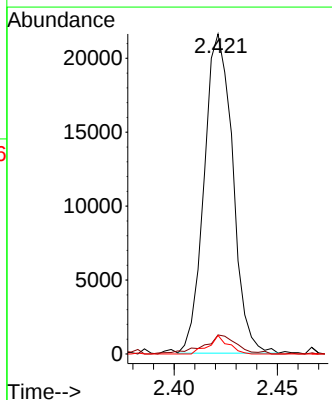
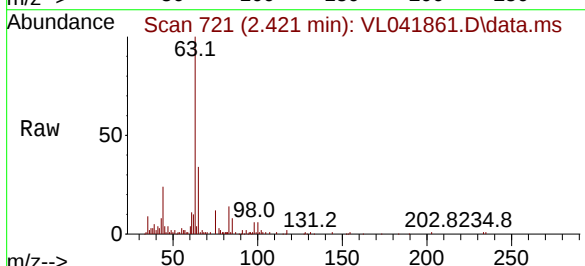
Tgt Ion: 63 Resp: 20750

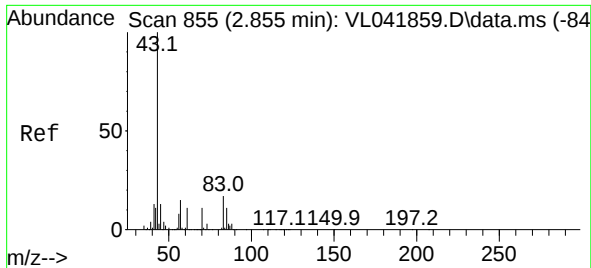
Ion Ratio Lower Upper

63 100

98 6.0 2.3 6.9

100 5.8 1.3 3.8#





#25

Ethyl Acetate

Concen: 1.421 ppbv

RT: 2.855 min Scan# 855

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 62927

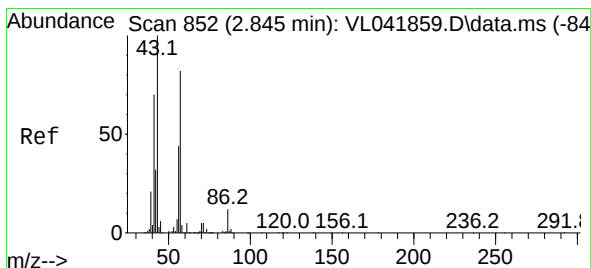
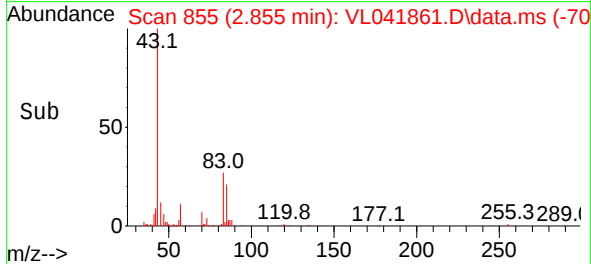
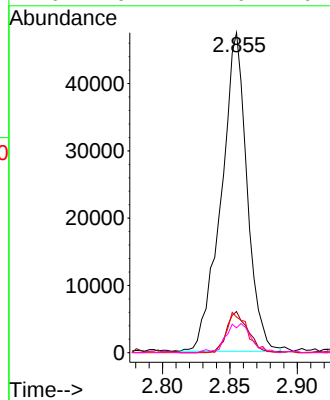
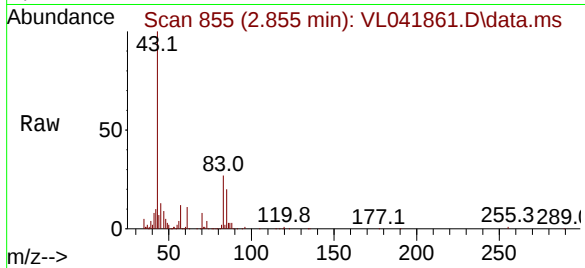
Ion Ratio Lower Upper

43 100

45 10.9 8.4 12.6

61 10.4 7.3 10.9

70 9.4 7.0 10.6



#26

Hexane

Concen: 1.678 ppbv

RT: 2.842 min Scan# 851

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion: 57 Resp: 25792

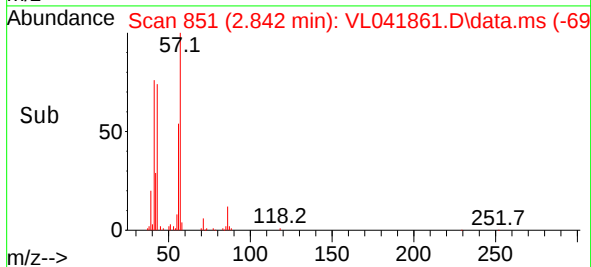
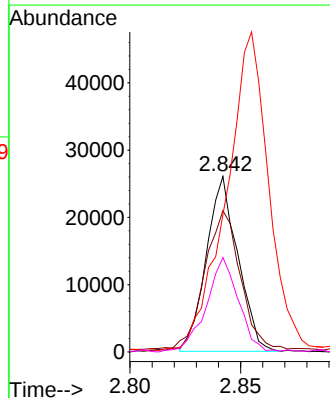
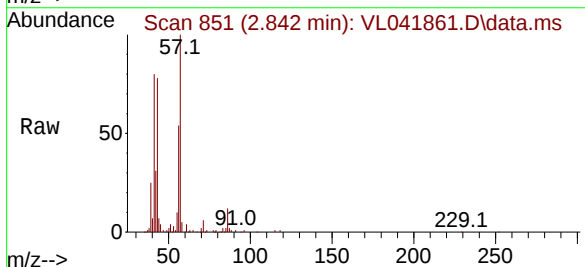
Ion Ratio Lower Upper

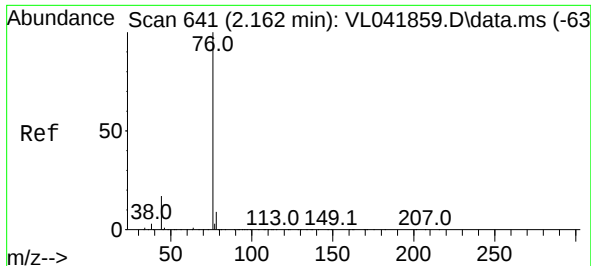
57 100

41 95.7 71.5 107.3

43 245.4 200.2 300.4

56 56.8 42.2 63.4

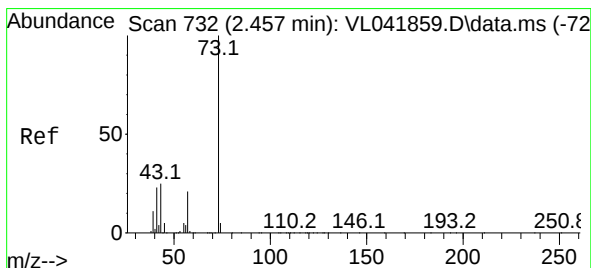
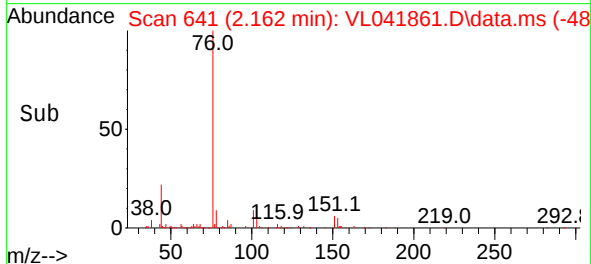
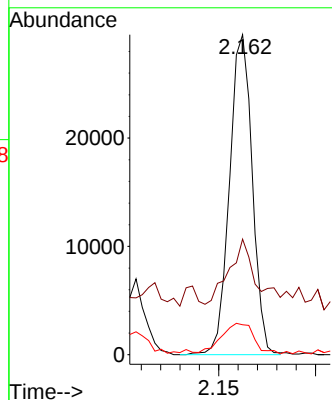
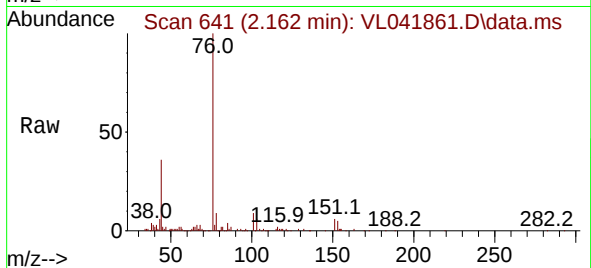




#27
Carbon Disulfide
Concen: 1.654 ppbv
RT: 2.162 min Scan# 641
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

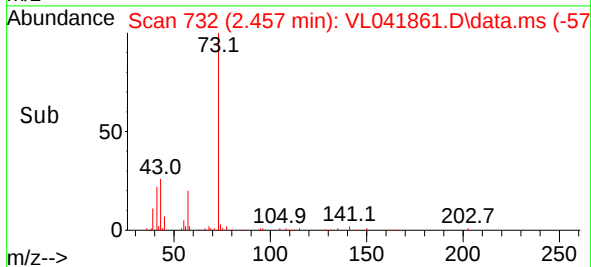
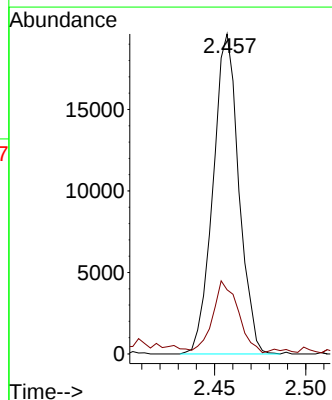
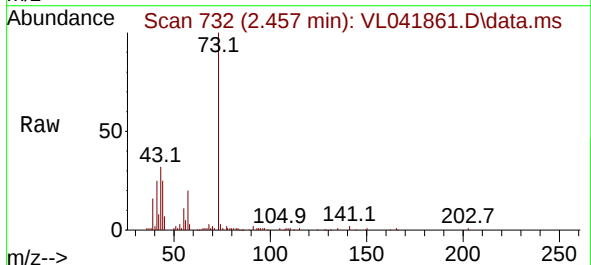
Instrument :
MSVOA_L
ClientSampleId :

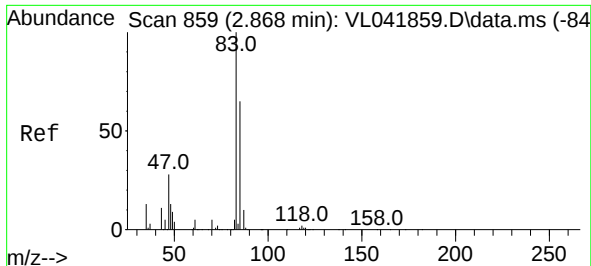
Tgt Ion: 76 Resp: 24132
Ion Ratio Lower Upper
76 100
44 64.7 13.1 19.7#
78 15.9 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 1.669 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 73 Resp: 19330
Ion Ratio Lower Upper
73 100
57 25.7 17.5 26.3





#29

Chloroform

Concen: 1.276 ppbv

RT: 2.865 min Scan# 859

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

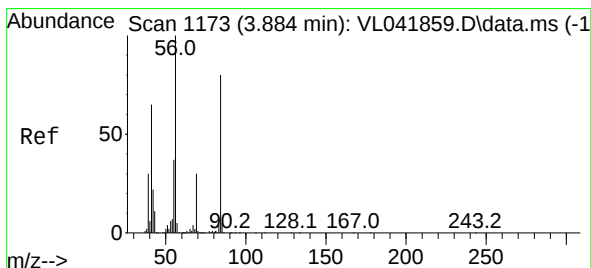
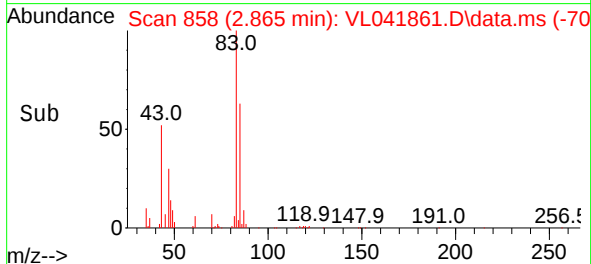
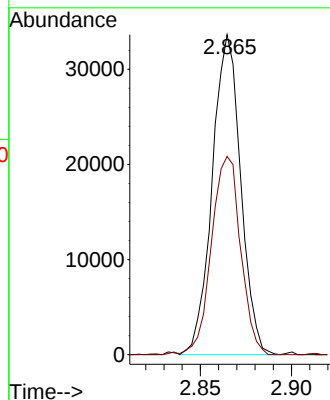
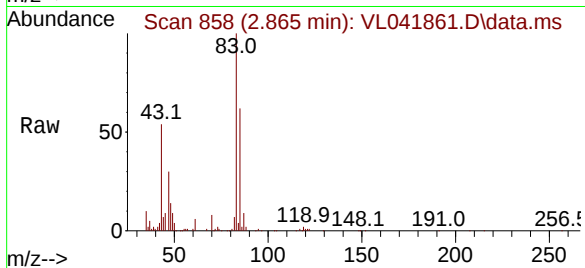
ClientSampleId :

Tgt Ion: 83 Resp: 36445

Ion Ratio Lower Upper

83 100

85 62.0 51.7 77.5



#30

Cyclohexane

Concen: 1.870 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

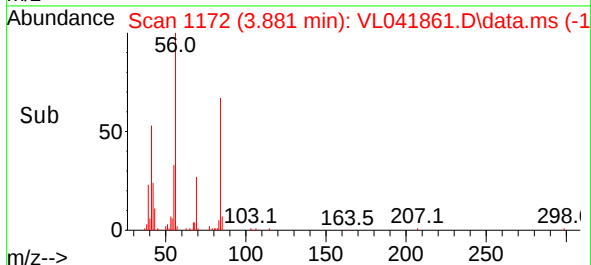
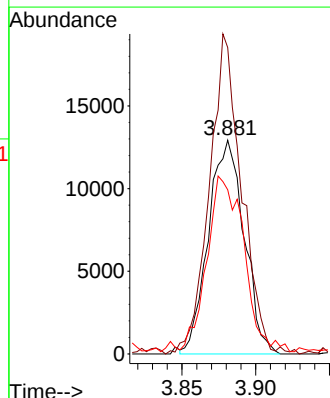
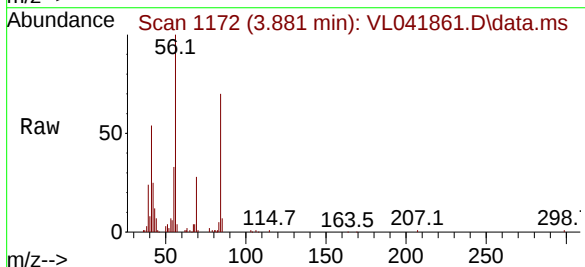
Tgt Ion: 84 Resp: 21797

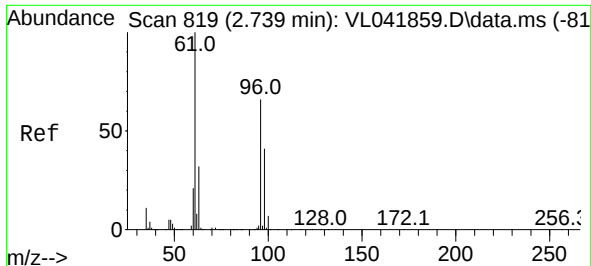
Ion Ratio Lower Upper

84 100

56 136.8 100.7 151.1

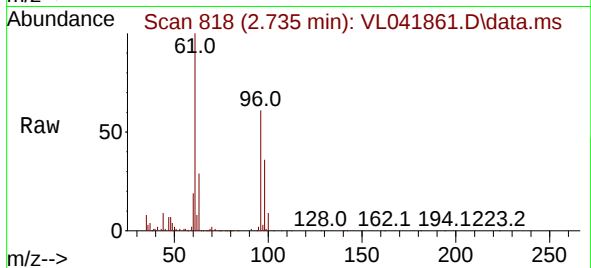
41 85.7 62.8 94.2



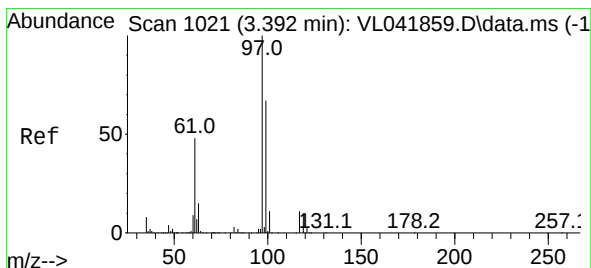
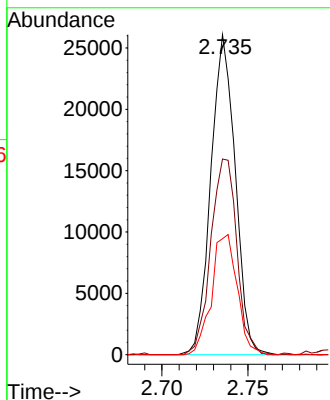
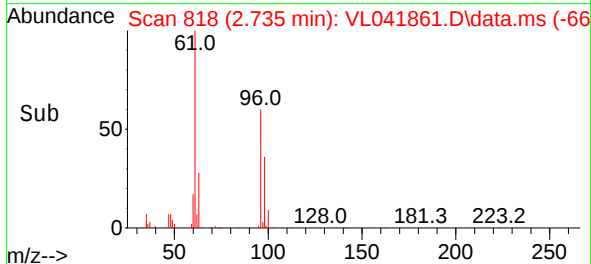


#31
 cis-1,2-Dichloroethene
 Concen: 1.626 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

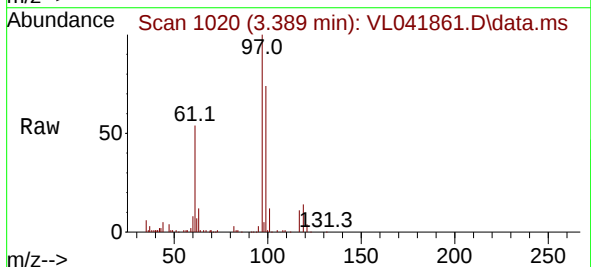
Instrument :
 MSVOA_L
 ClientSampleId :



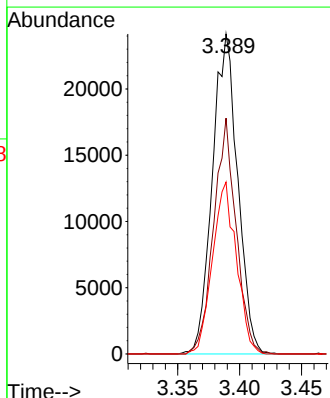
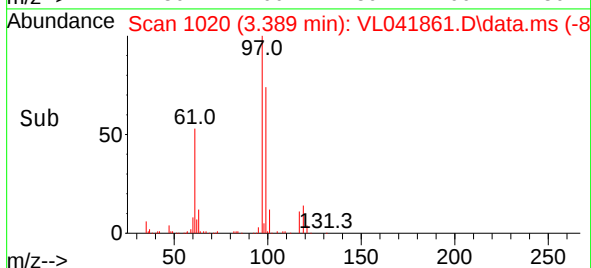
Tgt Ion: 61 Resp: 25721
 Ion Ratio Lower Upper
 61 100
 96 61.2 53.2 79.8
 98 36.3 32.5 48.7

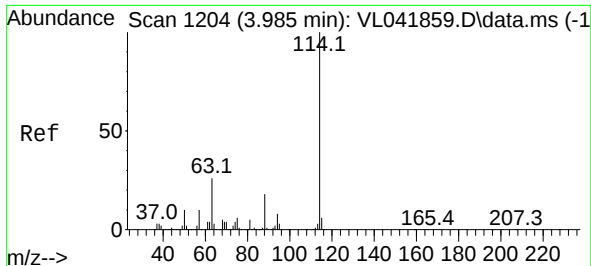


#32
 1,1,1-Trichloroethane
 Concen: 1.327 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22



Tgt Ion: 97 Resp: 34347
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.0 78.0
 61 50.9 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

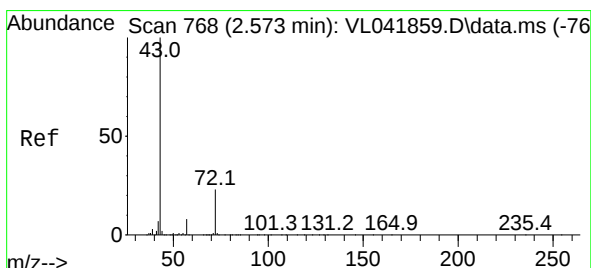
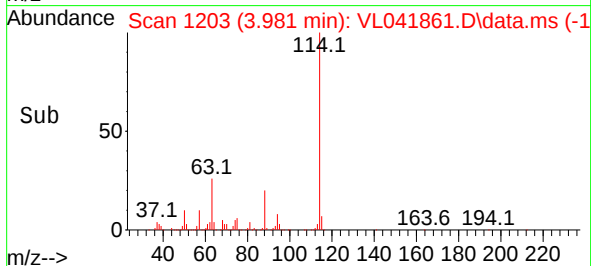
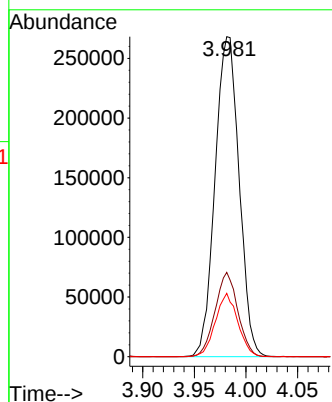
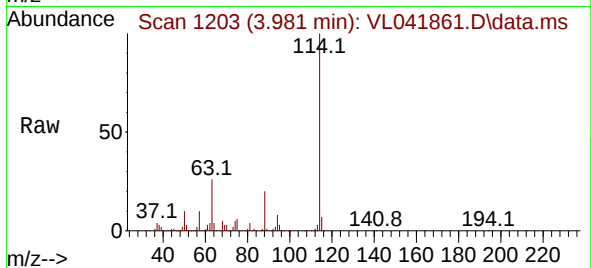
Tgt Ion:114 Resp: 434494

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 18.5 14.6 21.8



#34

2-Butanone

Concen: 1.093 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041861.D

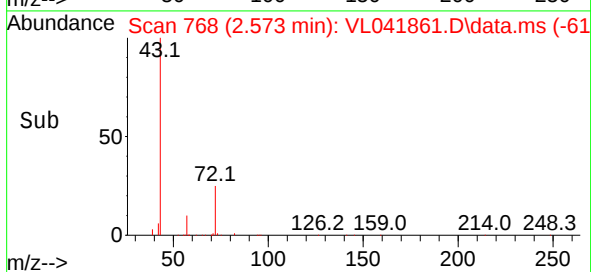
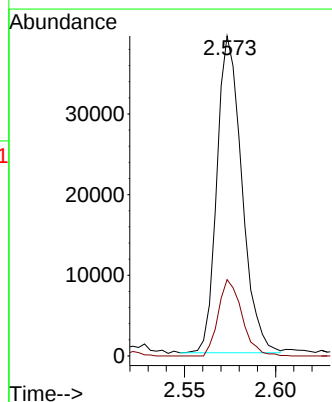
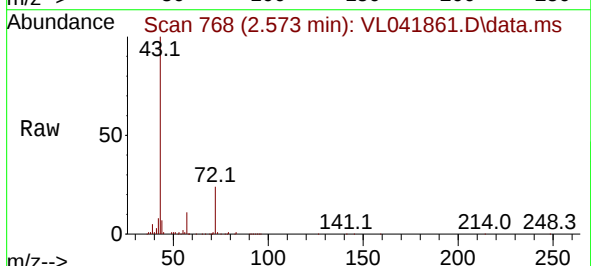
Acq: 09 Jan 2025 12:22

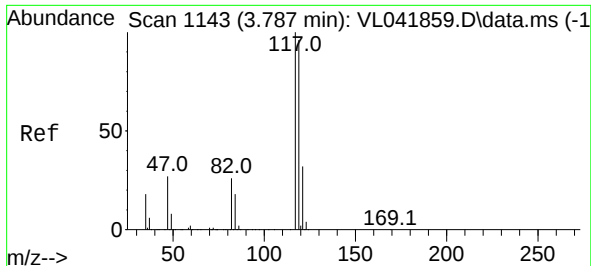
Tgt Ion: 43 Resp: 37395

Ion Ratio Lower Upper

43 100

72 22.9 18.5 27.7

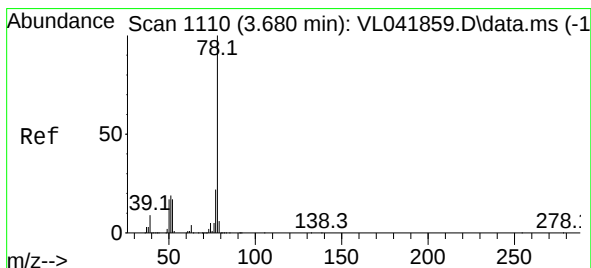
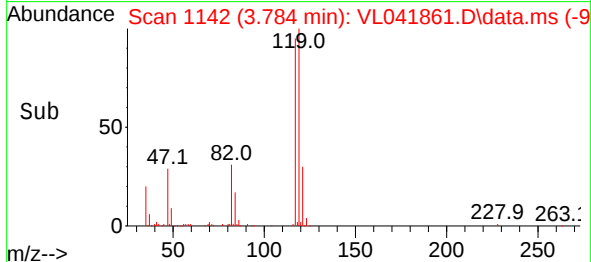
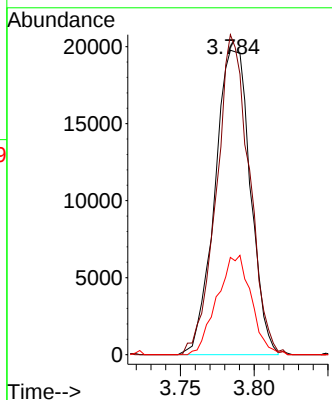
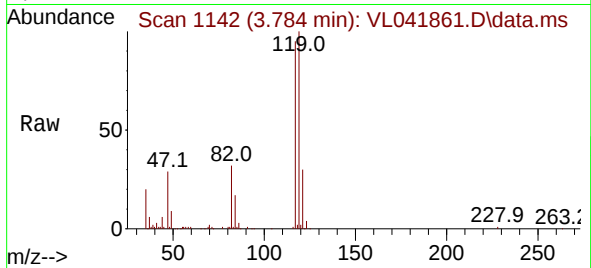




#35
Carbon Tetrachloride
Concen: 1.008 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

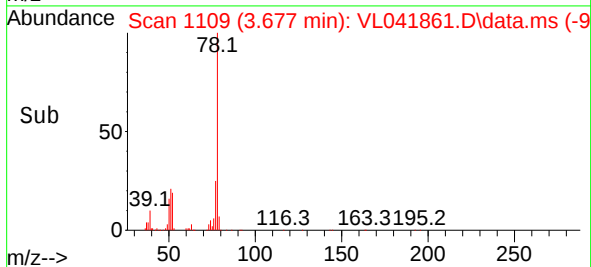
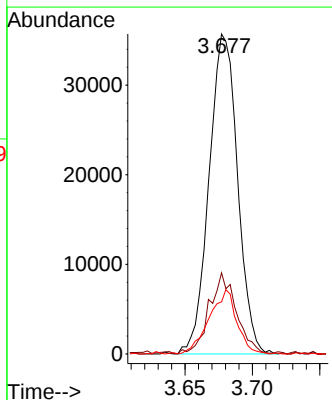
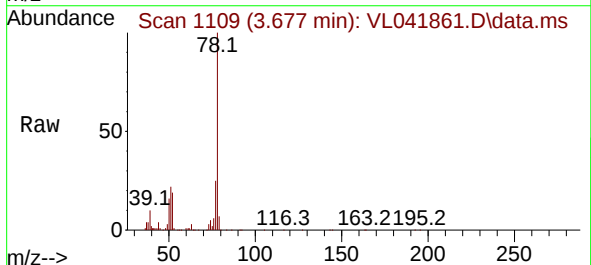
Instrument :
MSVOA_L
ClientSampleId :

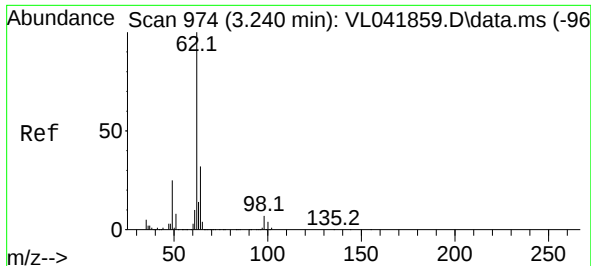
Tgt Ion:117 Resp: 33087
Ion Ratio Lower Upper
117 100
119 105.1 76.9 115.3
121 32.0 25.9 38.9



#36
Benzene
Concen: 1.268 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 78 Resp: 52621
Ion Ratio Lower Upper
78 100
77 25.2 17.9 26.9
50 16.3 13.7 20.5

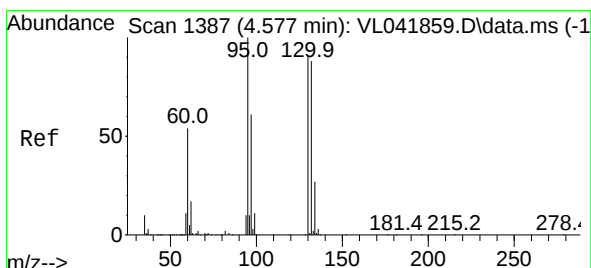
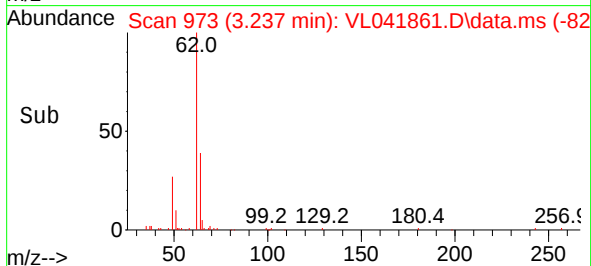
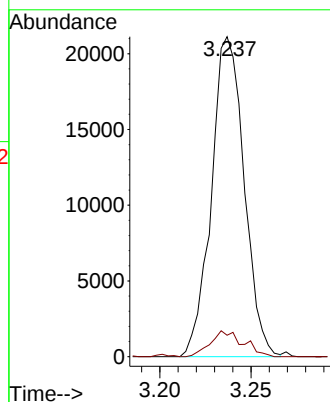
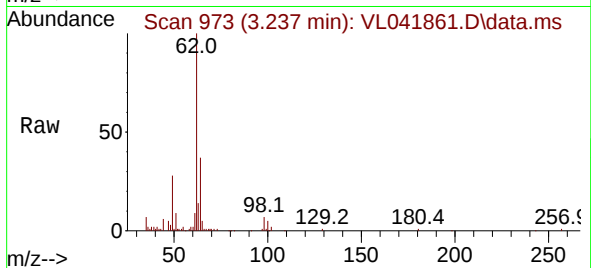




#37
1,2-Dichloroethane
Concen: 0.966 ppbv
RT: 3.237 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

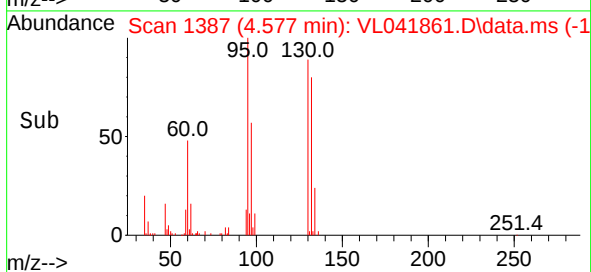
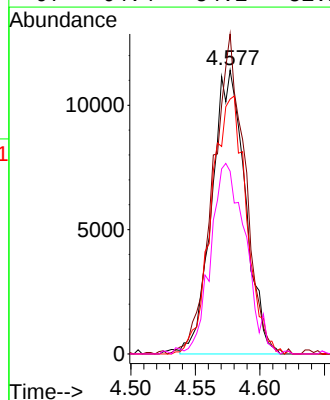
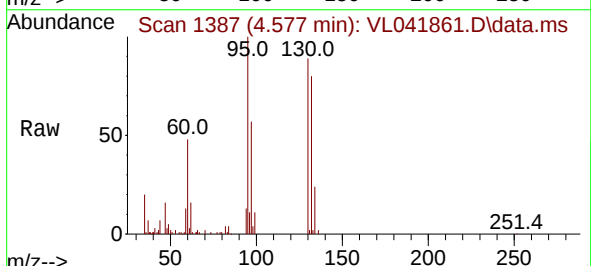
Instrument :
MSVOA_L
ClientSampleId :

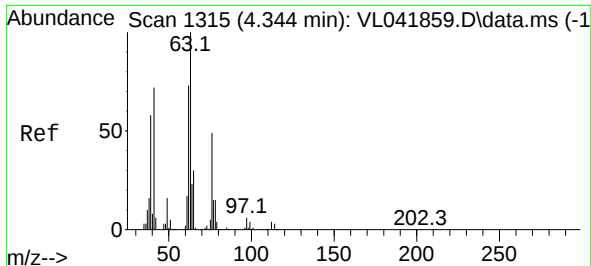
Tgt Ion: 62 Resp: 26348
Ion Ratio Lower Upper
62 100
98 8.4 5.6 8.4#



#38
Trichloroethene
Concen: 1.284 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion:130 Resp: 20492
Ion Ratio Lower Upper
130 100
95 111.3 88.5 132.7
132 89.1 78.2 117.2
97 64.4 54.2 81.2





#39

1,2-Dichloropropane

Concen: 1.142 ppbv

RT: 4.341 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

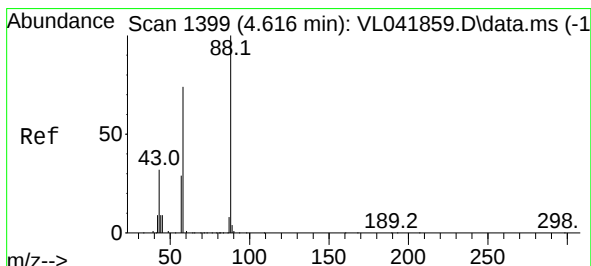
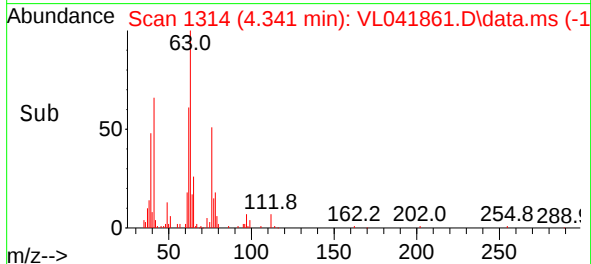
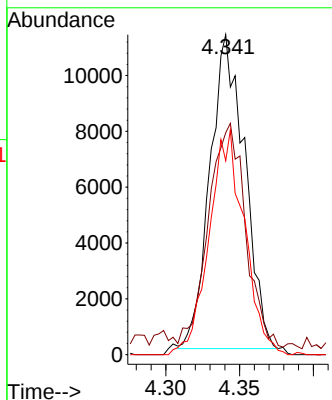
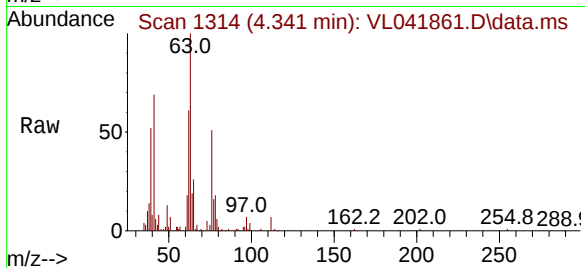
Tgt Ion: 63 Resp: 18342

Ion Ratio Lower Upper

63 100

41 67.7 58.0 87.0

62 60.4 58.6 87.8



#40

1,4-Dioxane

Concen: 0.844 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion: 88 Resp: 5243

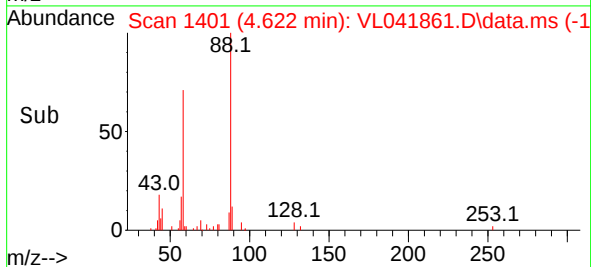
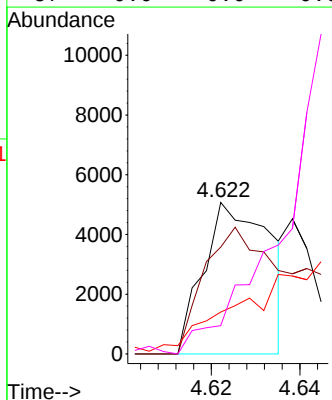
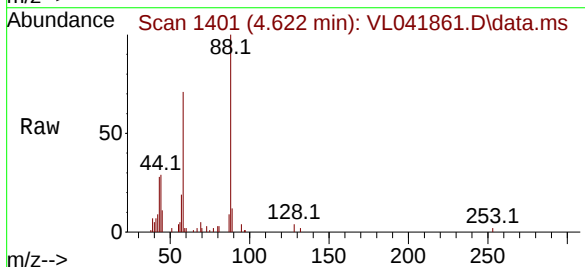
Ion Ratio Lower Upper

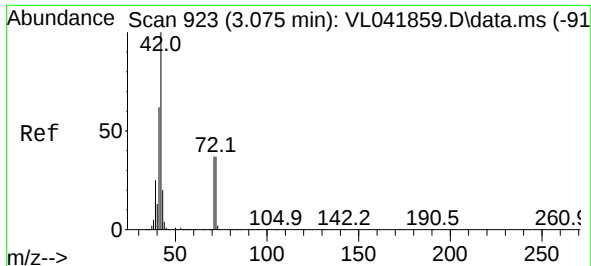
88 100

58 221.4 52.2 78.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 1.352 ppbv

RT: 3.082 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041861.D

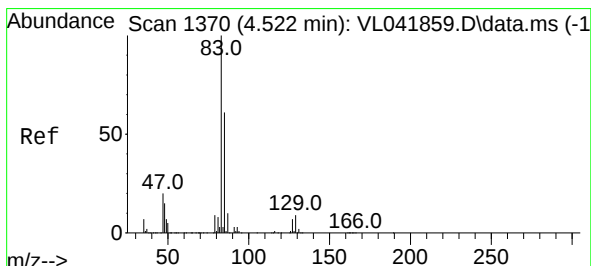
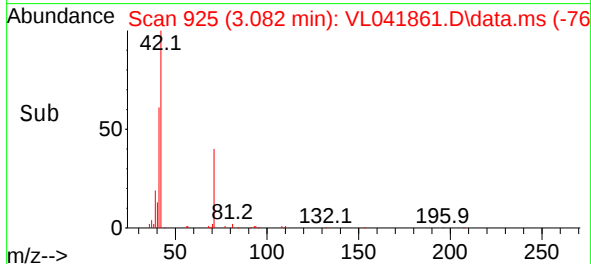
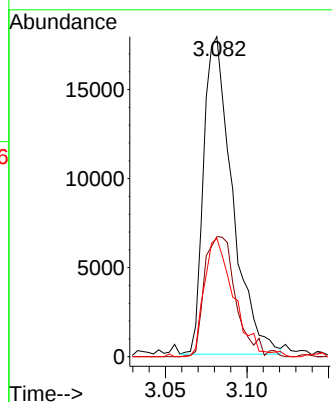
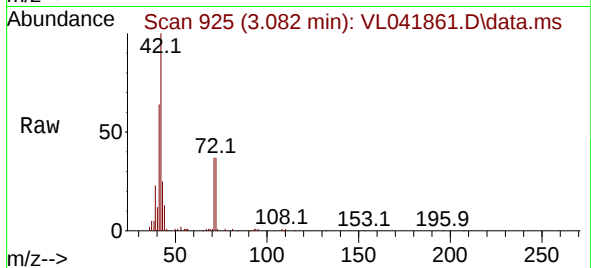
Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	21802
Ion	Ratio	Lower	Upper
42	100		
72	41.7	30.8	46.2
71	38.7	30.1	45.1



#42

Bromodichloromethane

Concen: 1.158 ppbv

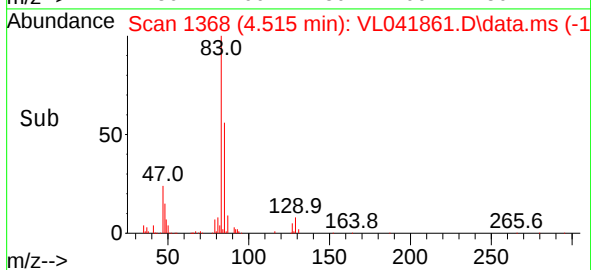
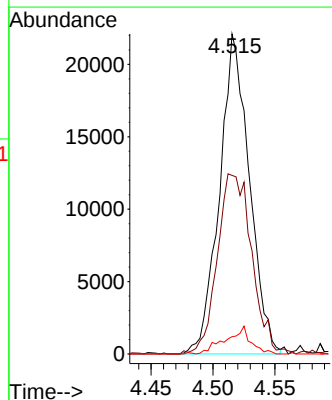
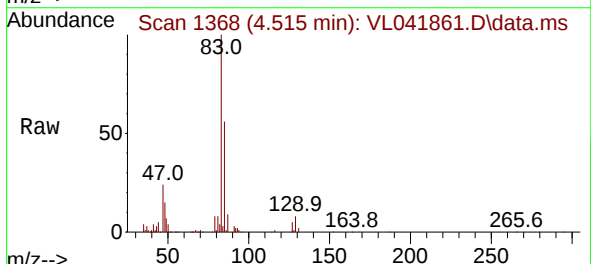
RT: 4.515 min Scan# 1368

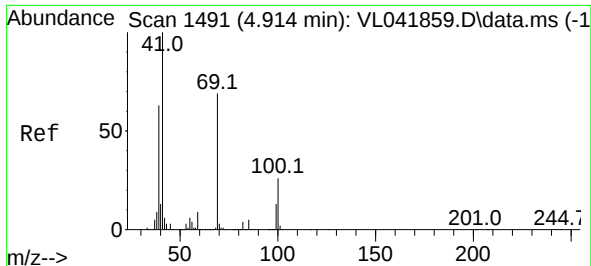
Delta R.T. -0.007 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion:	83	Resp:	37075
Ion	Ratio	Lower	Upper
83	100		
85	55.8	48.9	73.3
127	5.4	5.4	8.2

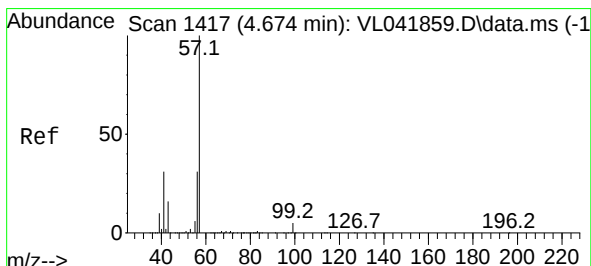
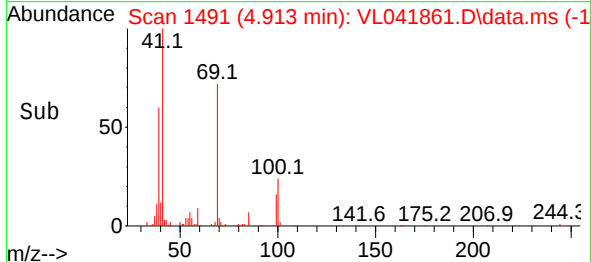
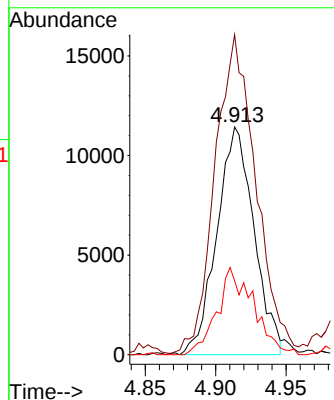
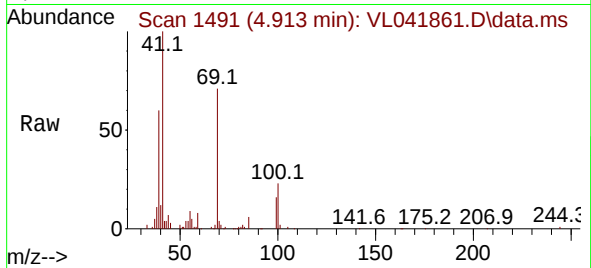




#43
Methyl Methacrylate
Concen: 1.610 ppbv
RT: 4.913 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

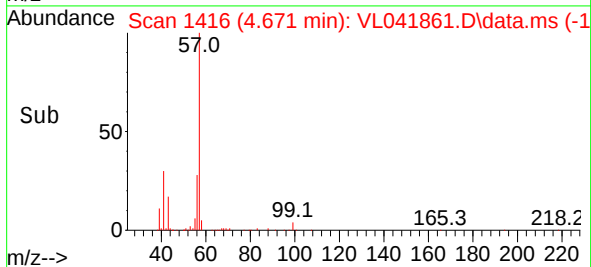
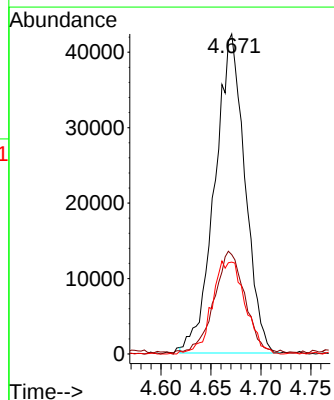
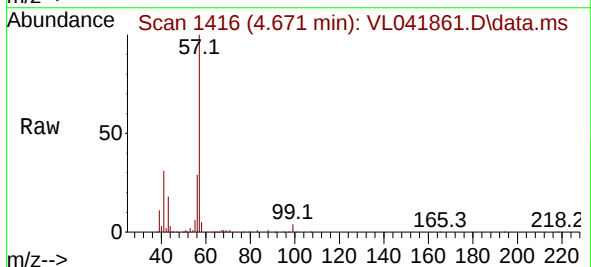
Instrument :
MSVOA_L
ClientSampleId :

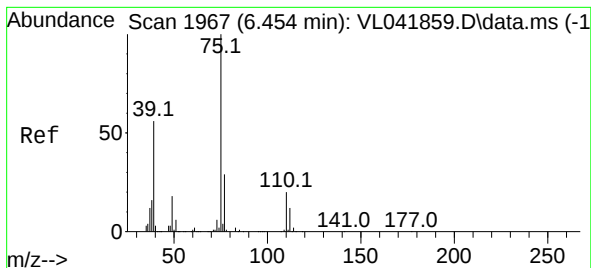
Tgt Ion: 69 Resp: 20990
Ion Ratio Lower Upper
69 100
41 153.4 116.2 174.4
100 37.8 29.8 44.8



#44
2,2,4-Trimethylpentane
Concen: 1.302 ppbv
RT: 4.671 min Scan# 1416
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 57 Resp: 89035
Ion Ratio Lower Upper
57 100
41 31.9 25.5 38.3
56 31.9 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 1.611 ppbv

RT: 6.448 min Scan# 1965

Delta R.T. -0.007 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

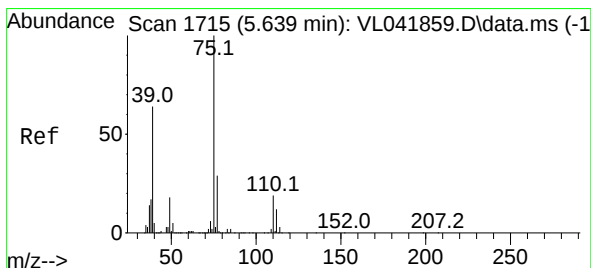
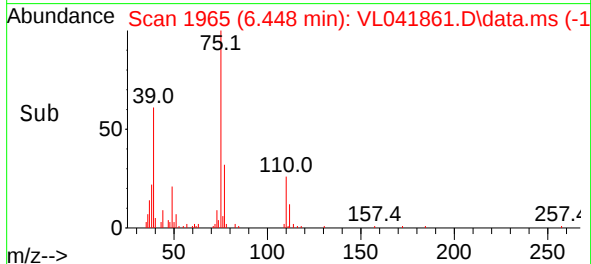
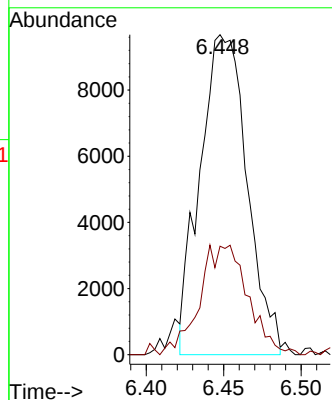
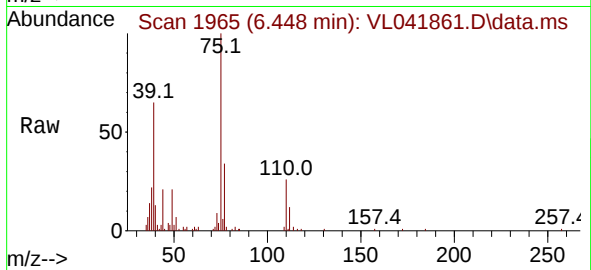
ClientSampleId :

Tgt Ion: 75 Resp: 20502

Ion Ratio Lower Upper

75 100

77 33.9 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 1.071 ppbv

RT: 5.635 min Scan# 1714

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

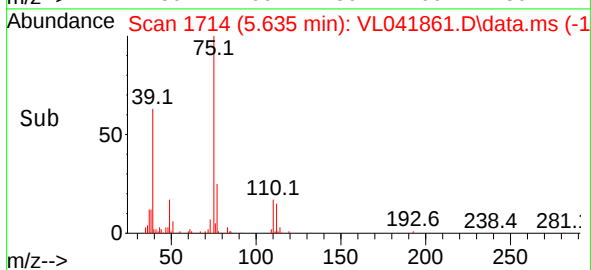
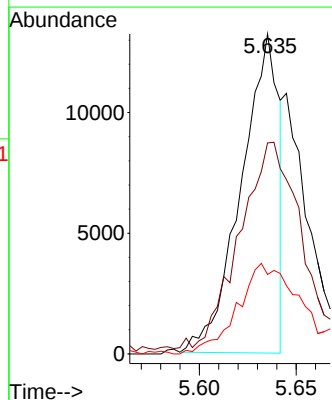
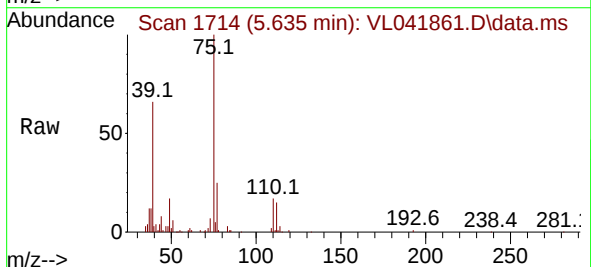
Tgt Ion: 75 Resp: 17954

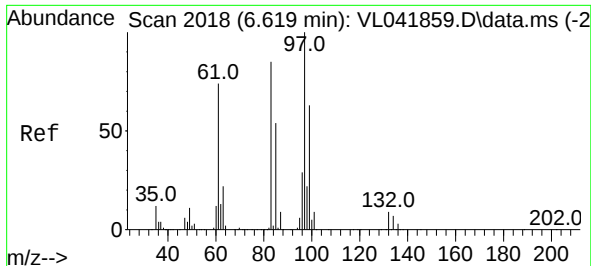
Ion Ratio Lower Upper

75 100

39 64.4 51.4 77.2

77 25.0 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 1.157 ppbv

RT: 6.619 min Scan# 2018

Delta R.T. -0.000 min

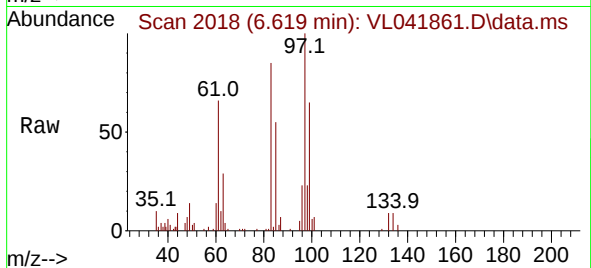
Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 19621

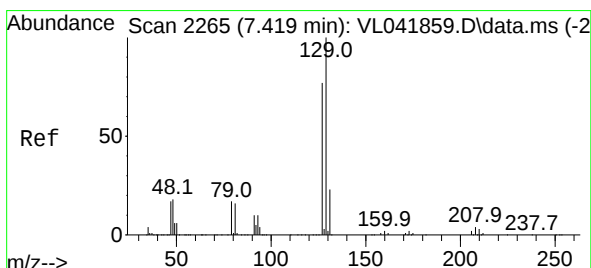
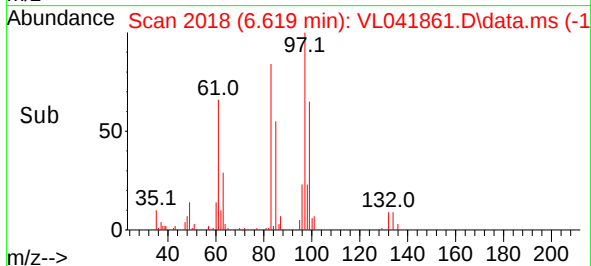
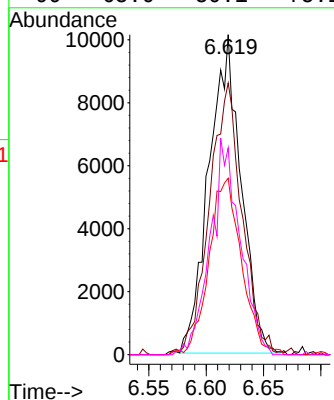
Ion Ratio Lower Upper

97 100

83 84.4 68.1 102.1

85 54.0 43.4 65.2

99 65.0 50.1 75.1



#48

Dibromochloromethane

Concen: 0.726 ppbv

RT: 7.412 min Scan# 2263

Delta R.T. -0.007 min

Lab File: VL041861.D

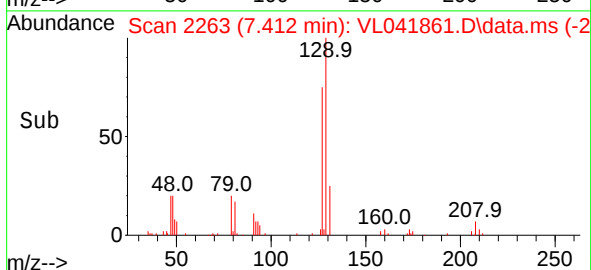
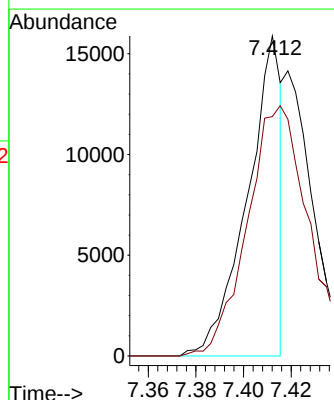
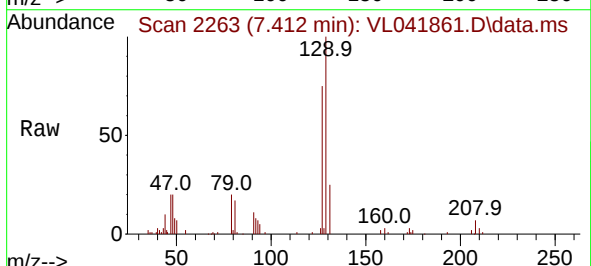
Acq: 09 Jan 2025 12:22

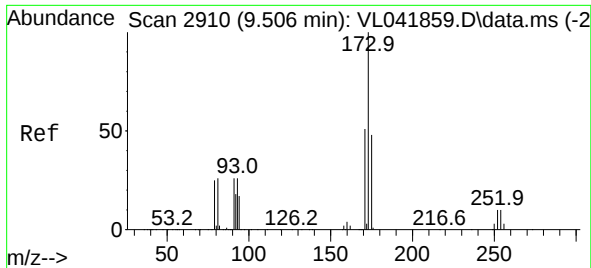
Tgt Ion: 129 Resp: 15685

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#





#49

Bromoform

Concen: 1.418 ppbv

RT: 9.503 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

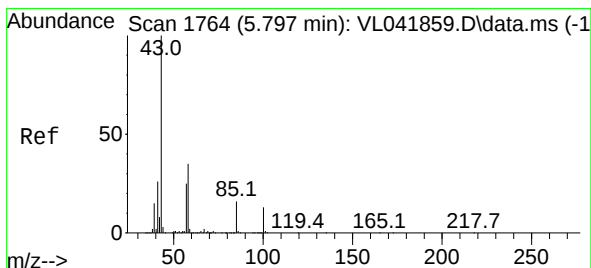
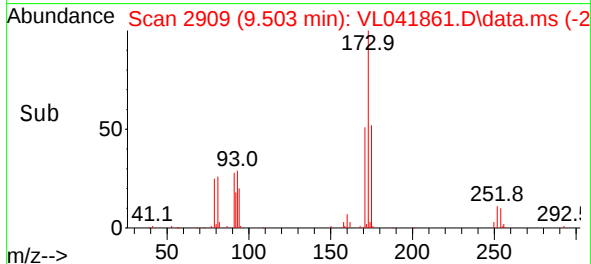
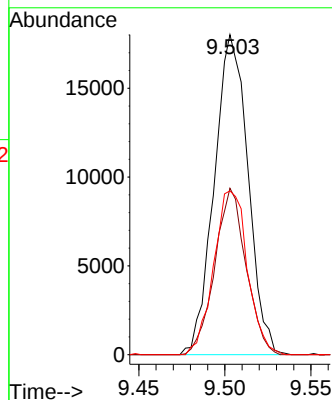
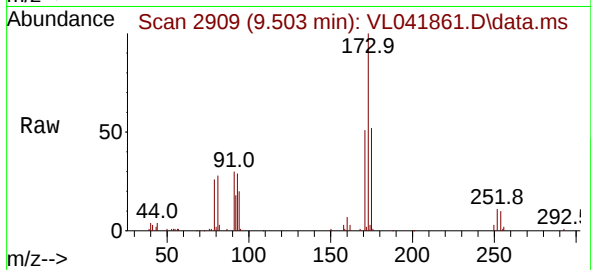
Tgt Ion:173 Resp: 24569

Ion Ratio Lower Upper

173 100

175 48.3 38.2 57.2

171 51.2 41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 0.732 ppbv

RT: 5.800 min Scan# 1765

Delta R.T. 0.003 min

Lab File: VL041861.D

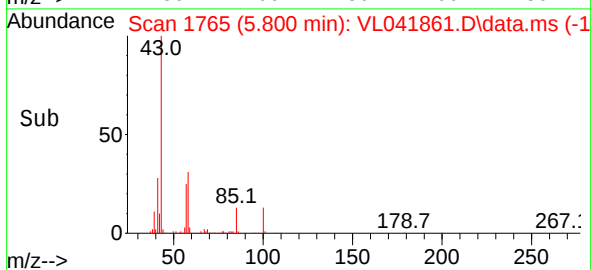
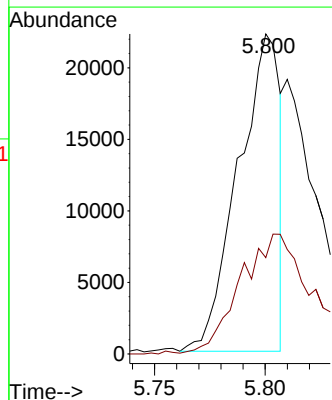
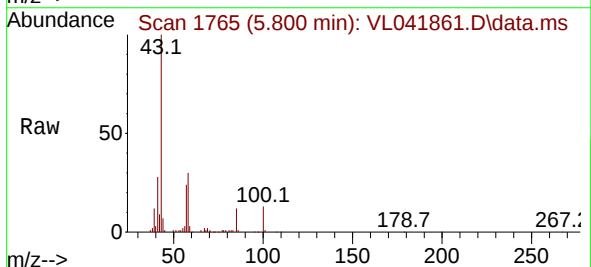
Acq: 09 Jan 2025 12:22

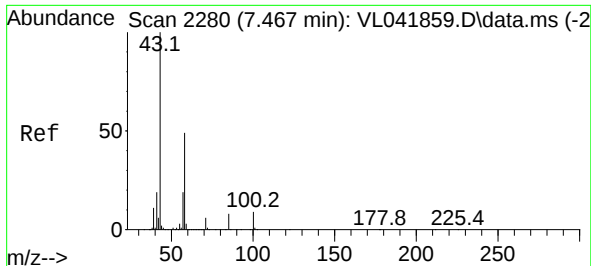
Tgt Ion: 43 Resp: 28971

Ion Ratio Lower Upper

43 100

58 67.8 29.4 44.2#

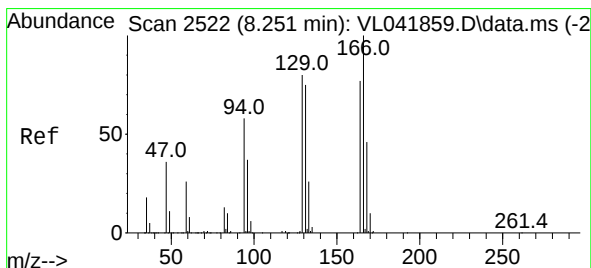
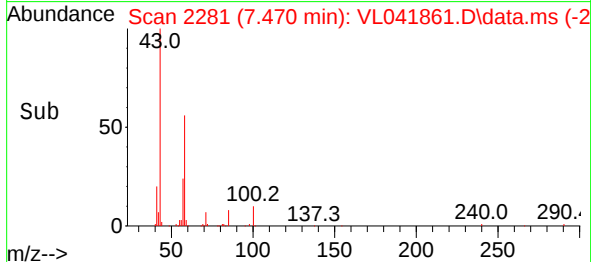
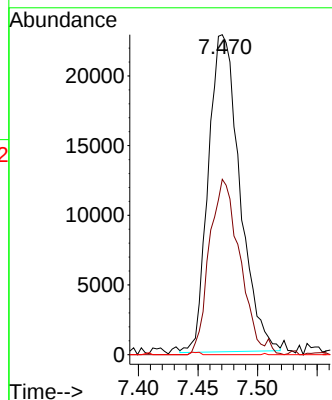
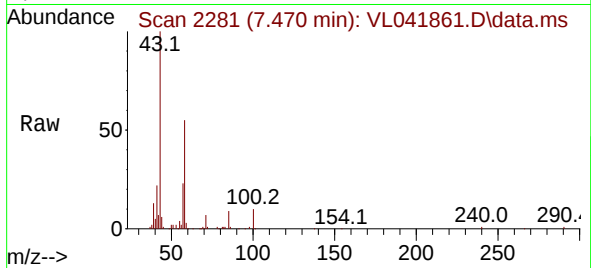




#51
2-Hexanone
Concen: 1.395 ppbv
RT: 7.470 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

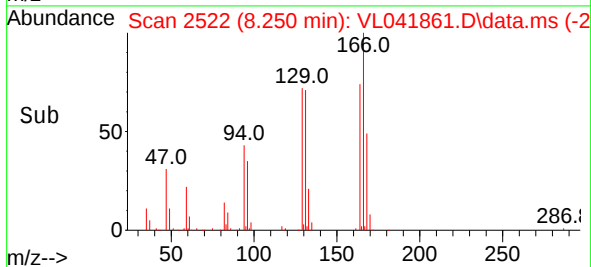
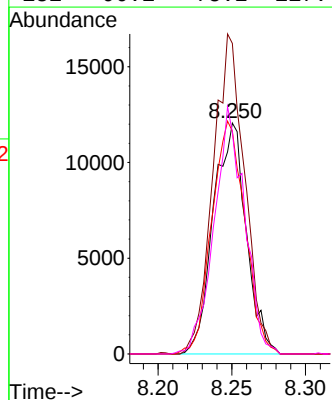
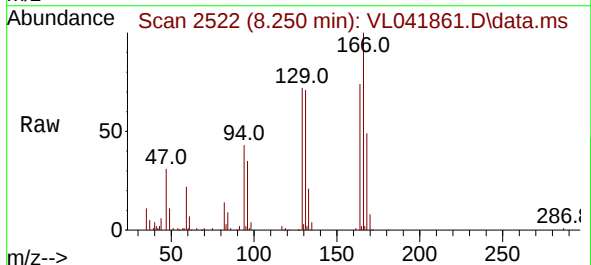
Instrument :
MSVOA_L
ClientSampleId :

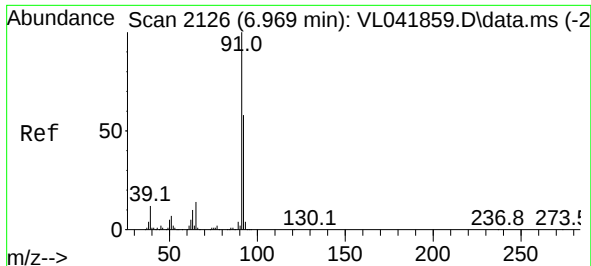
Tgt Ion: 43 Resp: 41781
Ion Ratio Lower Upper
43 100
58 54.2 40.0 60.0
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 1.517 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 164 Resp: 18665
Ion Ratio Lower Upper
164 100
166 134.5 103.6 155.4
129 96.5 82.6 123.8
131 96.1 78.2 117.4





#53

Toluene

Concen: 1.686 ppbv

RT: 6.962 min Scan# 2126

Delta R.T. -0.007 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

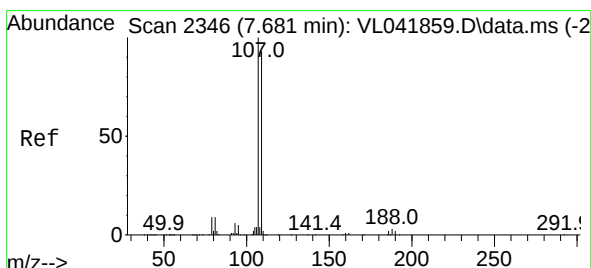
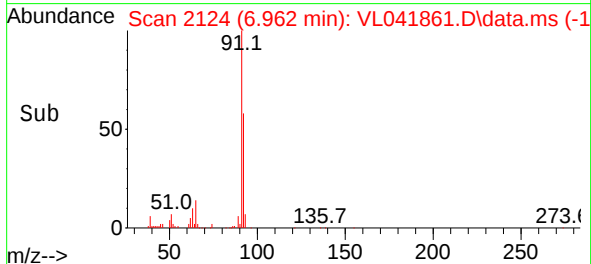
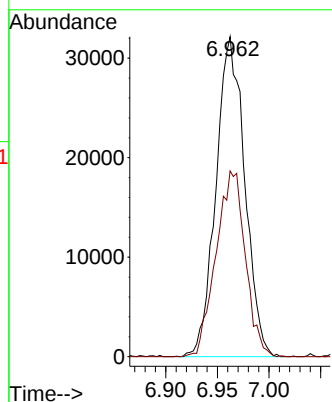
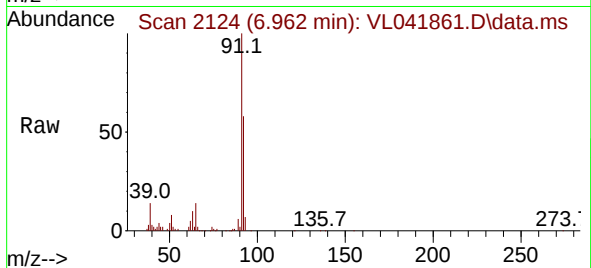
ClientSampleId :

Tgt Ion: 91 Resp: 62304

Ion Ratio Lower Upper

91 100

92 59.1 47.2 70.8



#54

1,2-Dibromoethane

Concen: 1.287 ppbv

RT: 7.678 min Scan# 2345

Delta R.T. -0.003 min

Lab File: VL041861.D

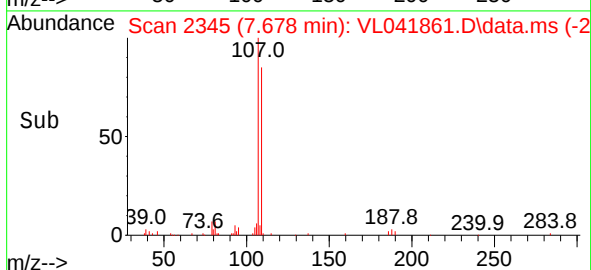
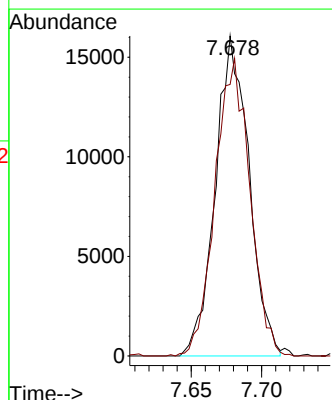
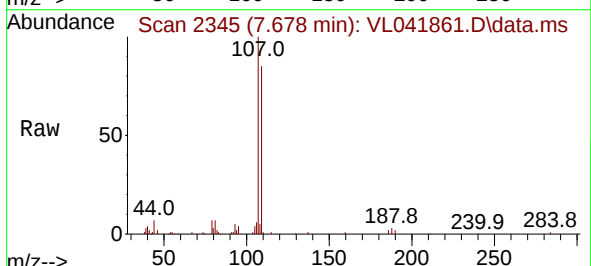
Acq: 09 Jan 2025 12:22

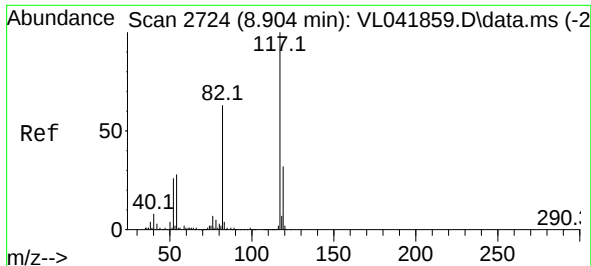
Tgt Ion: 107 Resp: 26769

Ion Ratio Lower Upper

107 100

109 84.1 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

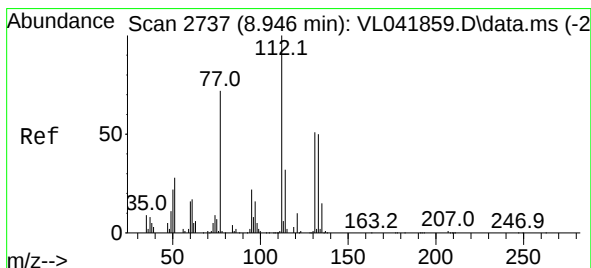
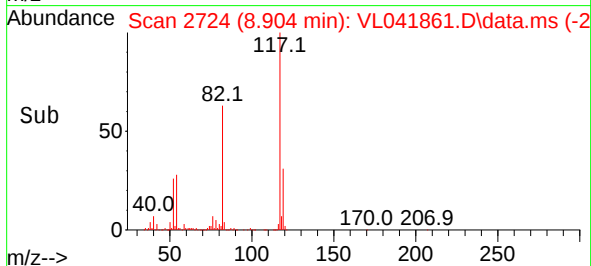
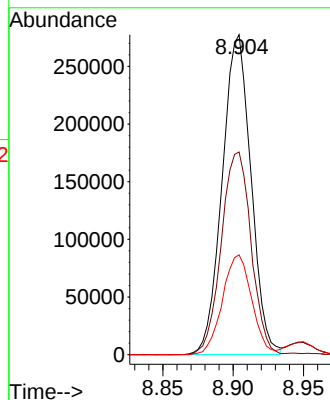
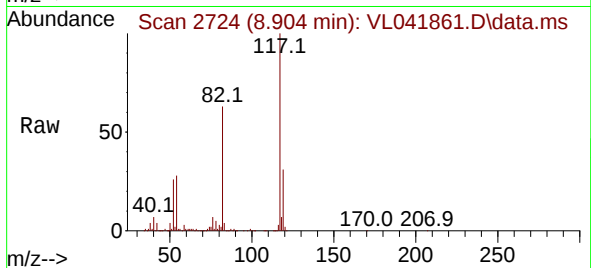
Tgt Ion:117 Resp: 394905

Ion Ratio Lower Upper

117 100

82 66.0 54.5 81.7

119 32.7 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 1.079 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

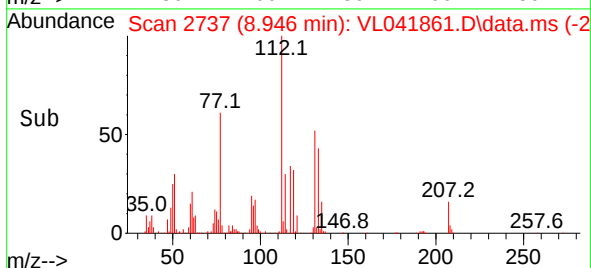
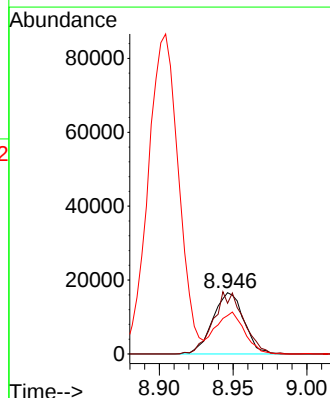
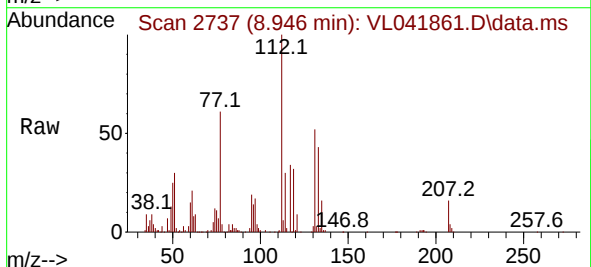
Tgt Ion:131 Resp: 24293

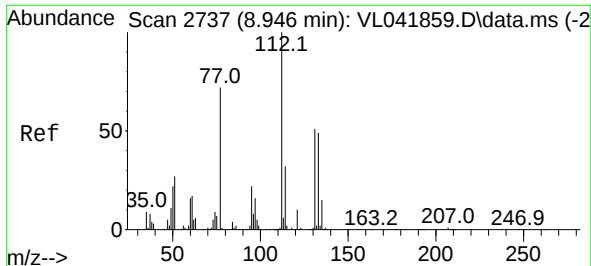
Ion Ratio Lower Upper

131 100

133 99.0 77.4 116.2

119 59.9 49.4 74.0

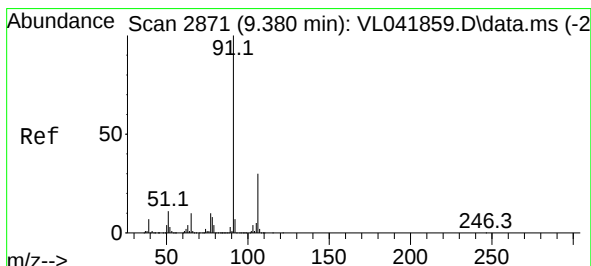
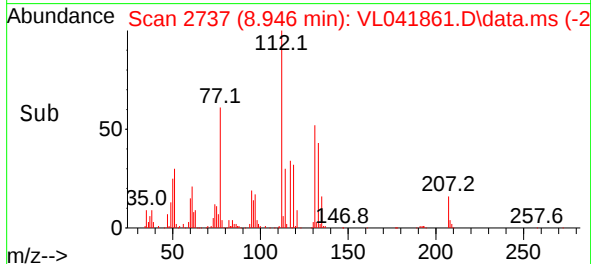
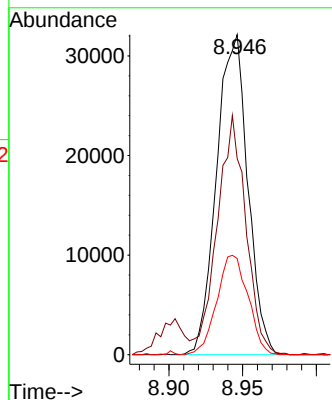
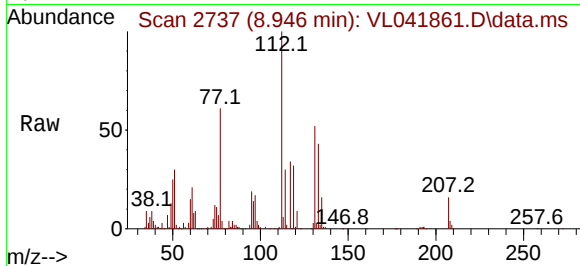




#57
Chlorobenzene
Concen: 1.146 ppbv
RT: 8.946 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

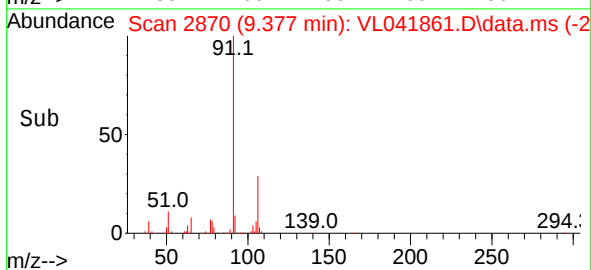
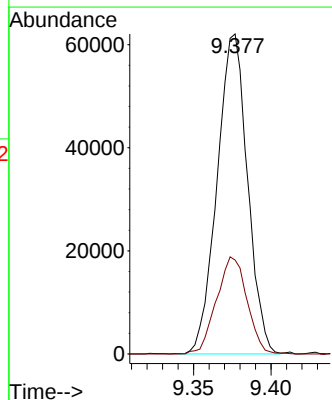
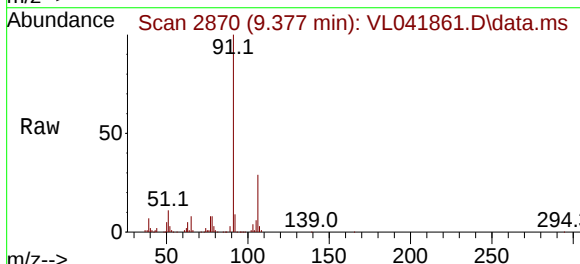
Instrument :
MSVOA_L
ClientSampleId :

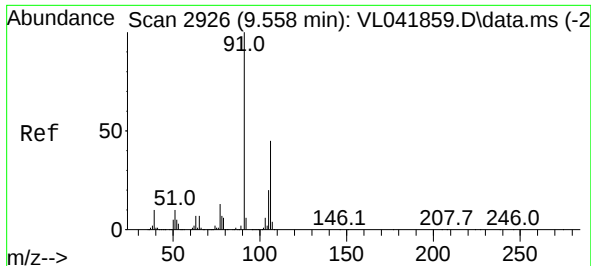
Tgt Ion:112 Resp: 47288
Ion Ratio Lower Upper
112 100
77 60.9 58.3 87.5
114 30.1 28.9 35.3



#58
Ethyl Benzene
Concen: 1.575 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 91 Resp: 84795
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2





#59

m/p-Xylene

Concen: 1.512 ppbv

RT: 9.552 min Scan# 2926

Delta R.T. -0.007 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

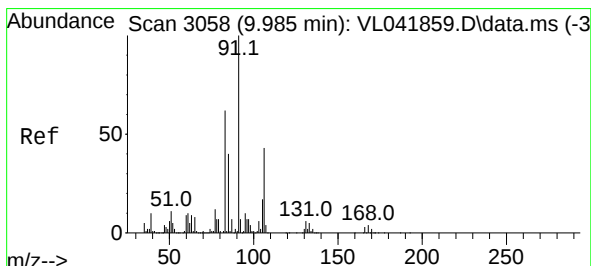
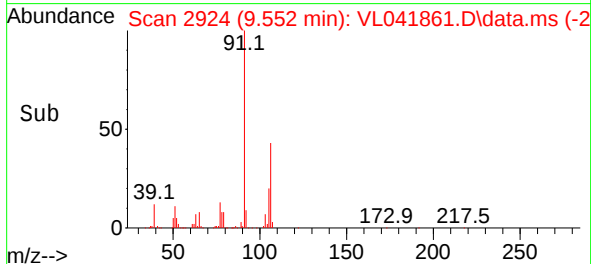
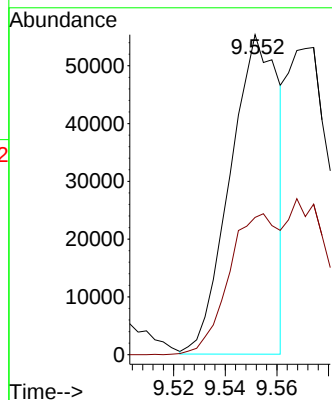
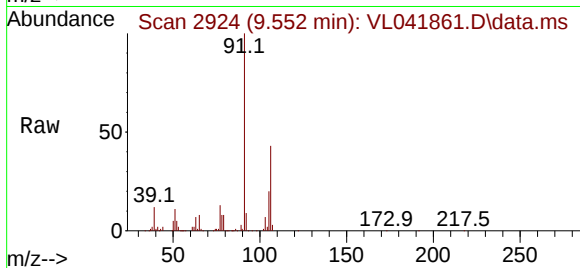
ClientSampleId :

Tgt Ion: 91 Resp: 71678

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 1.460 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. -0.003 min

Lab File: VL041861.D

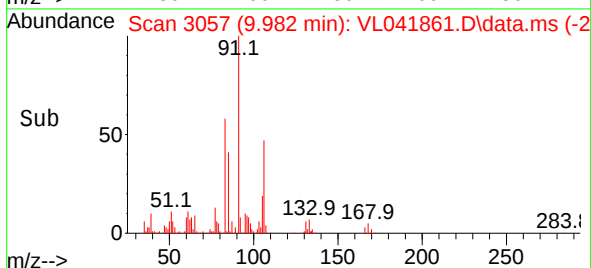
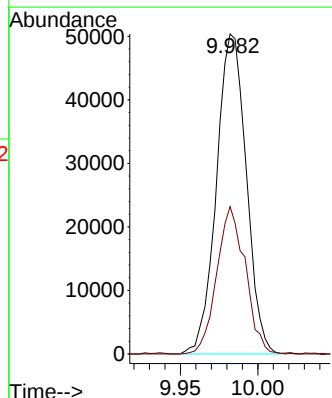
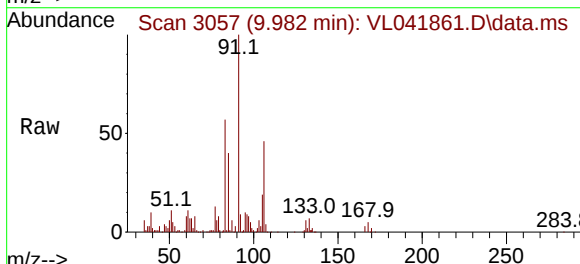
Acq: 09 Jan 2025 12:22

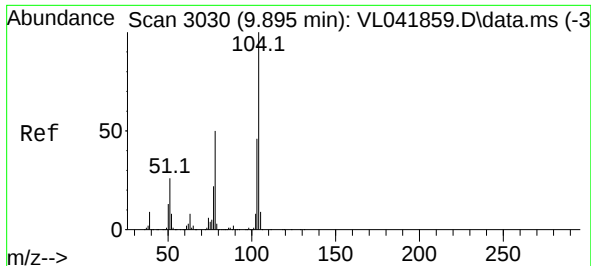
Tgt Ion: 91 Resp: 67480

Ion Ratio Lower Upper

91 100

106 43.9 21.4 64.3

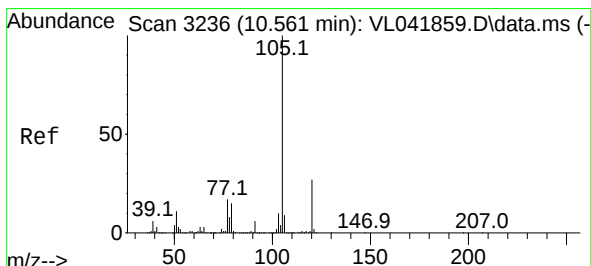
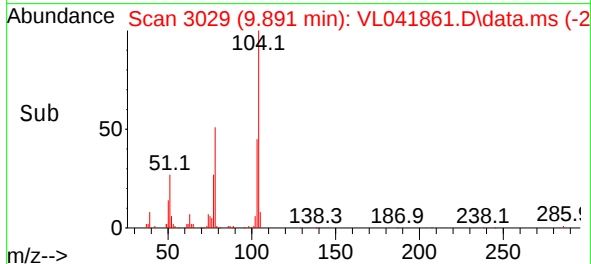
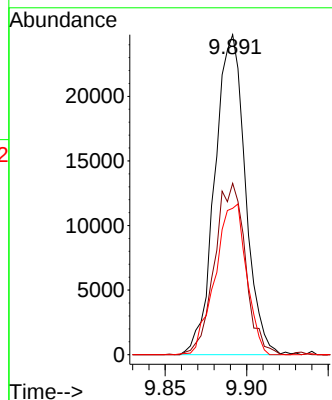
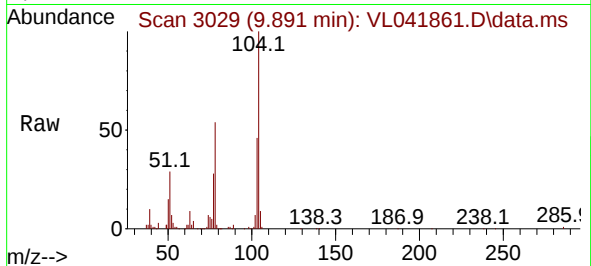




#61
Styrene
Concen: 1.795 ppbv
RT: 9.891 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

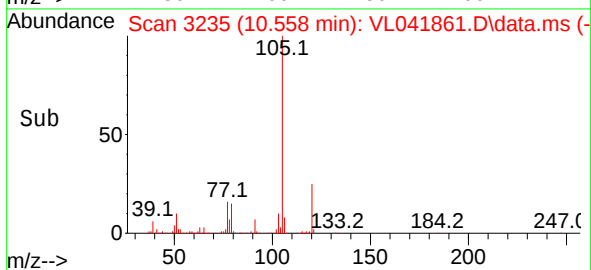
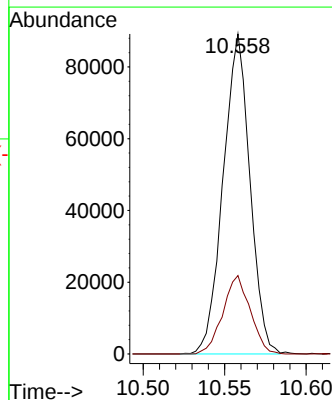
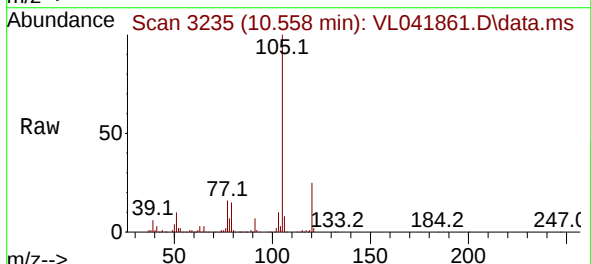
Instrument :
MSVOA_L
ClientSampleId :

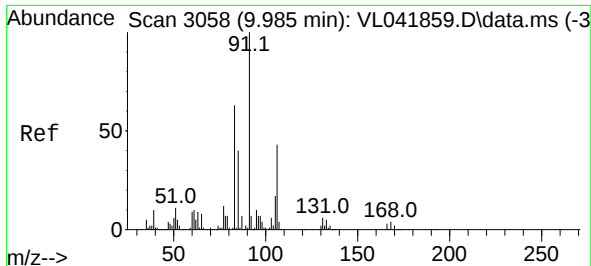
Tgt Ion:104 Resp: 32180
Ion Ratio Lower Upper
104 100
78 54.2 40.7 61.1
103 48.2 37.0 55.6



#62
Isopropylbenzene
Concen: 1.402 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion:105 Resp: 101824
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.966 ppbv

RT: 9.985 min Scan# 3058

Delta R.T. -0.000 min

Lab File: VL041861.D

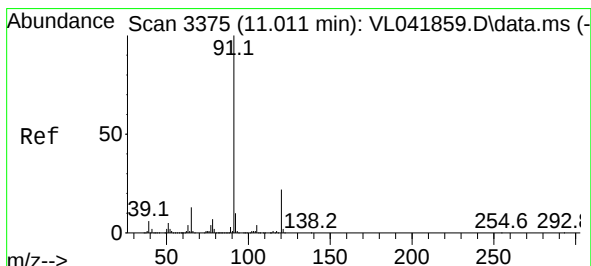
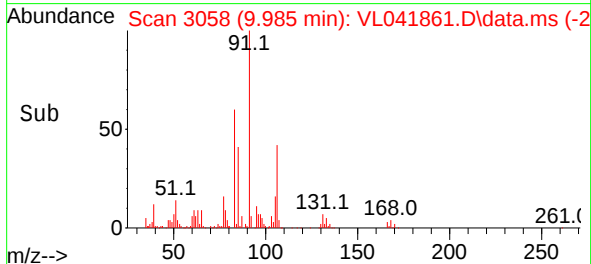
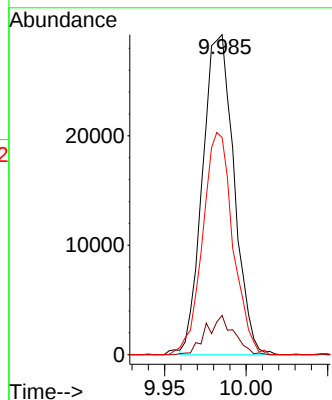
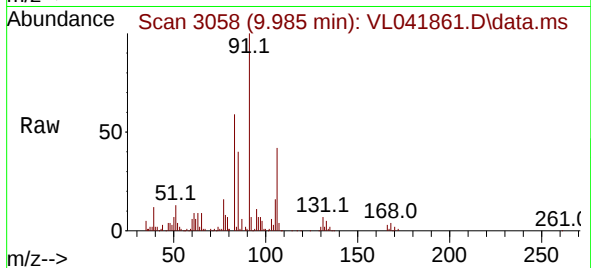
Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	39140
Ion Ratio	Lower	Upper	
83	100		
131	10.8	4.8	14.3
85	67.1	32.1	96.3



#64

n-propylbenzene

Concen: 1.430 ppbv

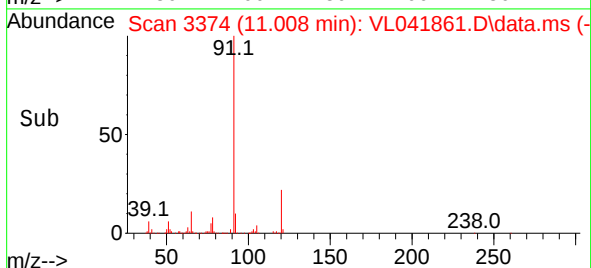
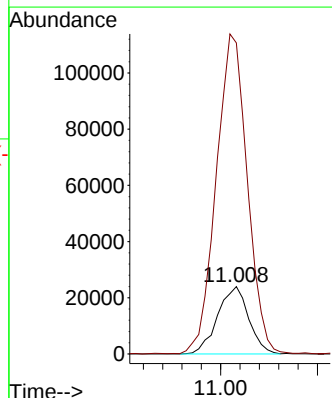
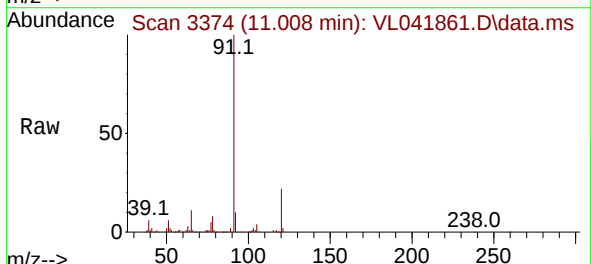
RT: 11.008 min Scan# 3374

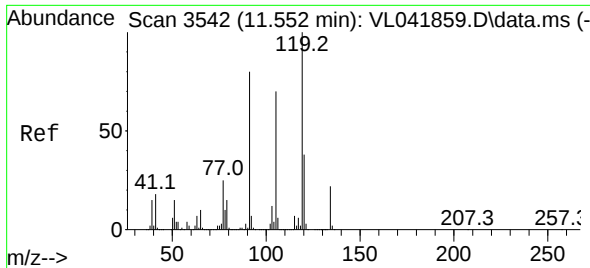
Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion:	120	Resp:	26642
Ion Ratio	Lower	Upper	
120	100		
91	477.7	376.9	565.3

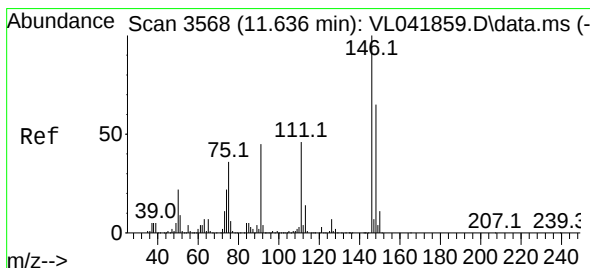
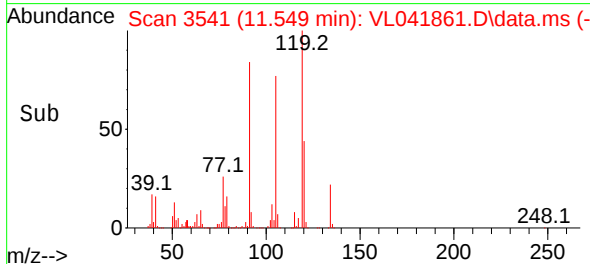
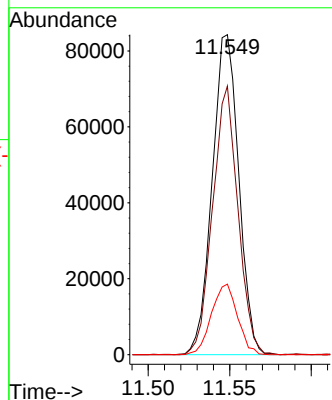
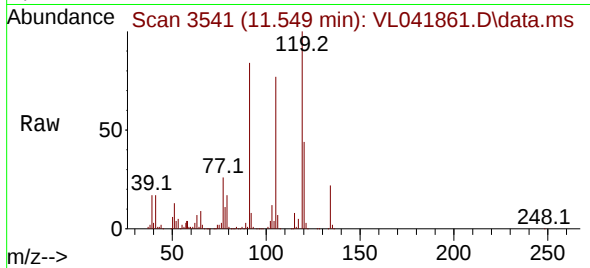




#65
tert-Butylbenzene
Concen: 1.457 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

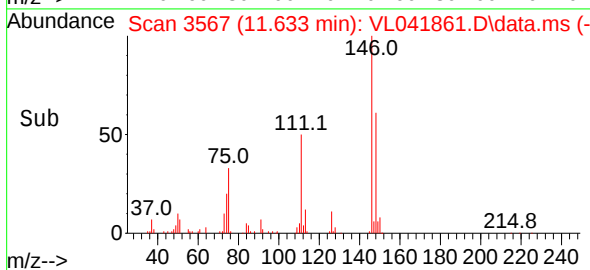
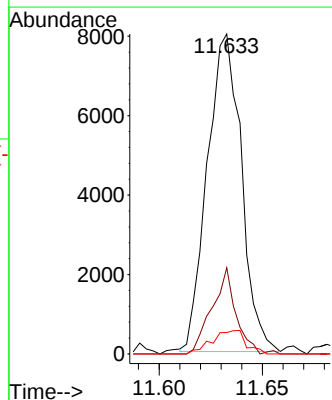
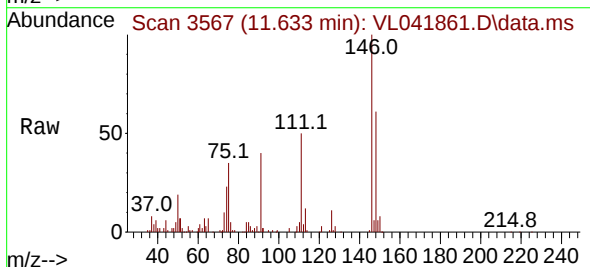
Instrument :
MSVOA_L
ClientSampleId :

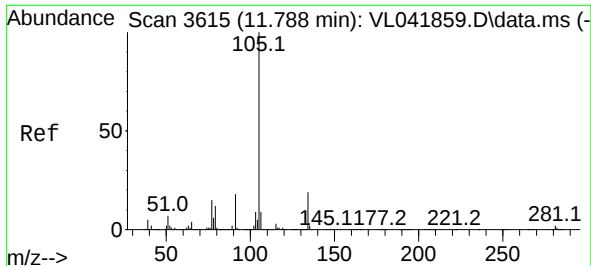
Tgt Ion:119 Resp: 95303
Ion Ratio Lower Upper
119 100
91 80.1 64.6 97.0
134 21.6 16.9 25.3



#66
Benzyl Chloride
Concen: 1.675 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 91 Resp: 9179
Ion Ratio Lower Upper
91 100
126 19.2 13.9 20.9
128 7.4 4.8 7.2#





#67

sec-Butylbenzene

Concen: 1.365 ppbv

RT: 11.785 min Scan# 3614

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

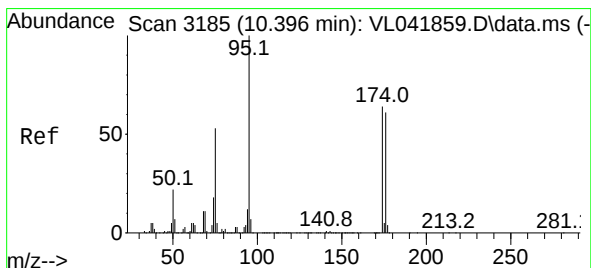
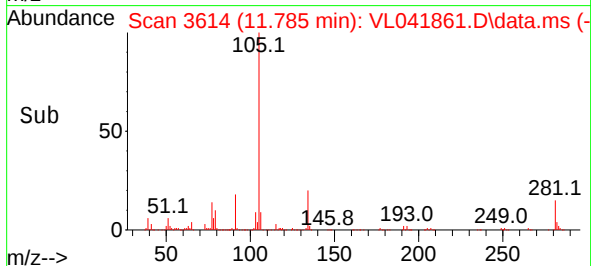
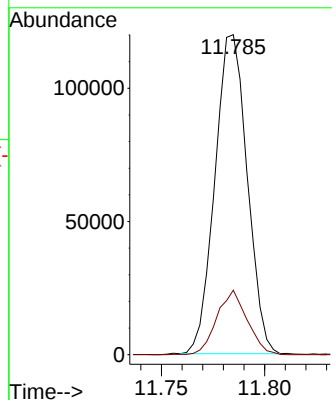
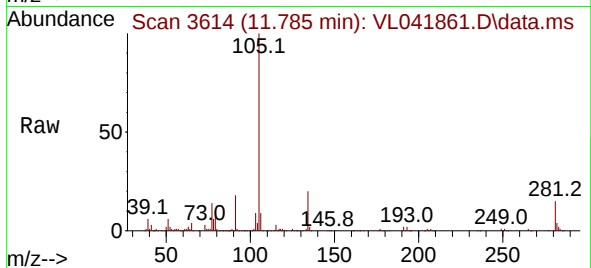
ClientSampleId :

Tgt Ion:105 Resp: 130334

Ion Ratio Lower Upper

105 100

134 19.0 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.381 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

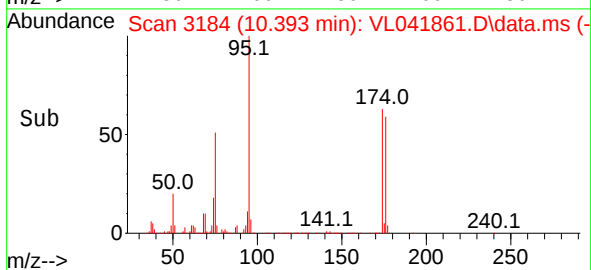
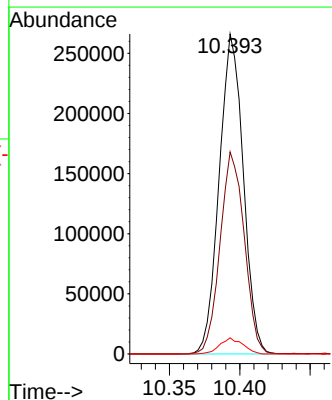
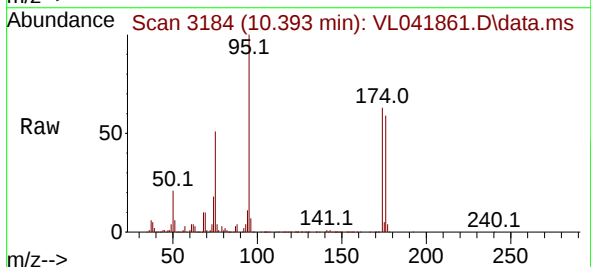
Tgt Ion: 95 Resp: 317281

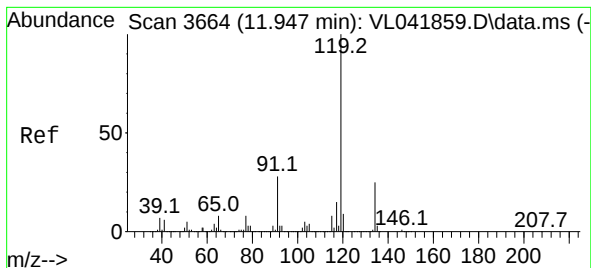
Ion Ratio Lower Upper

95 100

174 63.5 51.1 76.7

175 4.8 3.8 5.8





#69

p-Isopropyltoluene

Concen: 1.498 ppbv

RT: 11.943 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

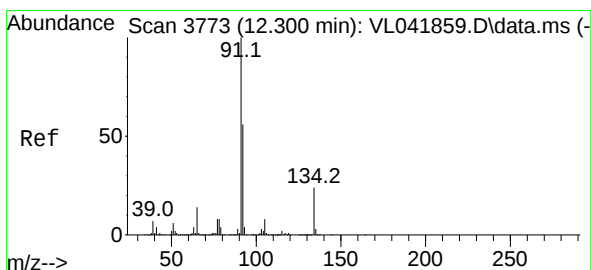
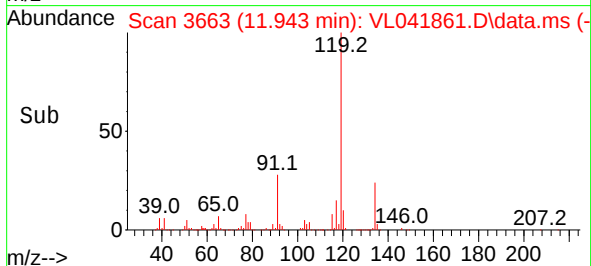
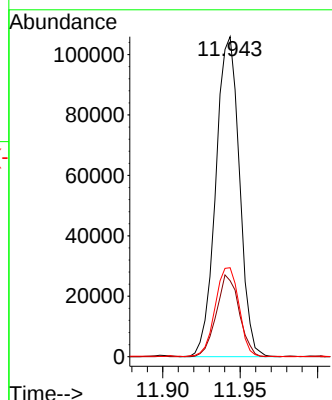
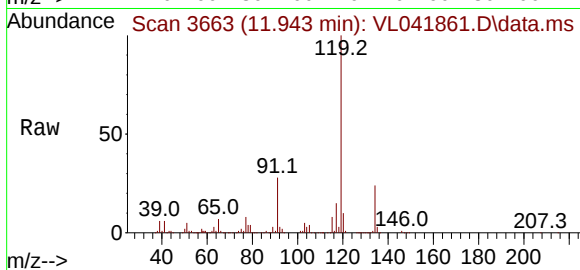
Tgt Ion:119 Resp: 112256

Ion Ratio Lower Upper

119 100

134 24.8 20.3 30.5

91 28.4 22.6 34.0



#70

n-Butylbenzene

Concen: 1.486 ppbv

RT: 12.299 min Scan# 3773

Delta R.T. -0.000 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

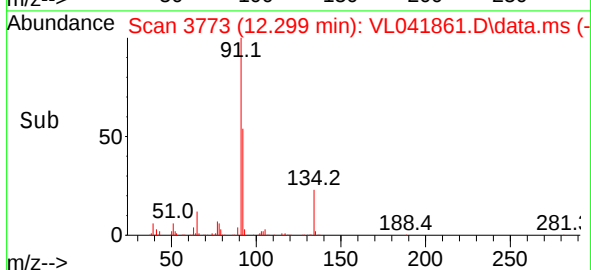
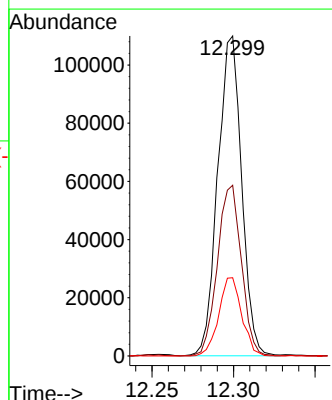
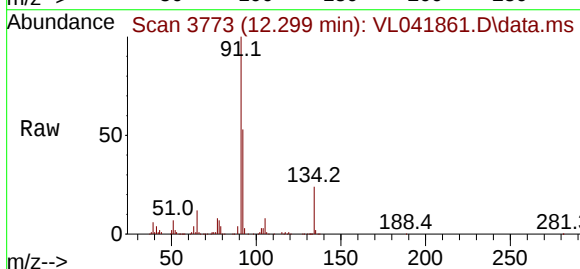
Tgt Ion: 91 Resp: 111884

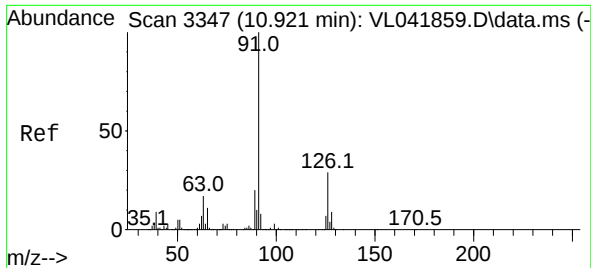
Ion Ratio Lower Upper

91 100

92 53.6 43.8 65.8

134 23.7 19.3 28.9

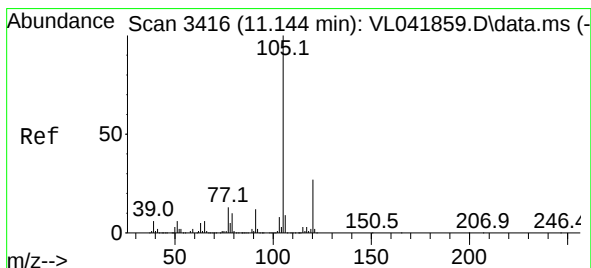
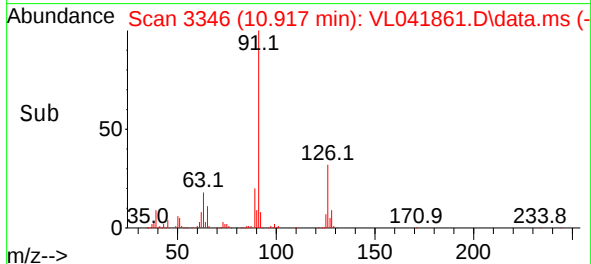
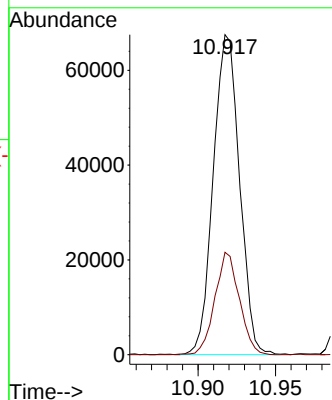
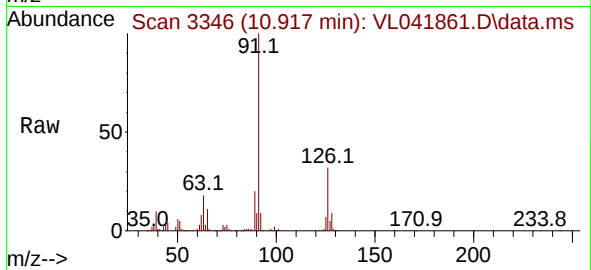




#71
2-Chlorotoluene
Concen: 1.510 ppbv
RT: 10.917 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

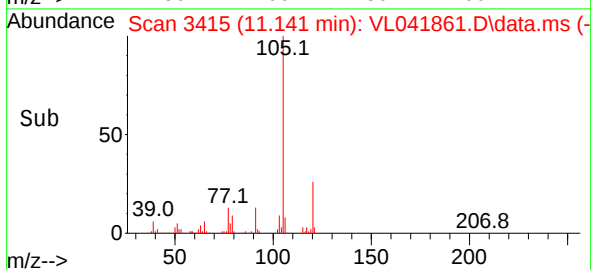
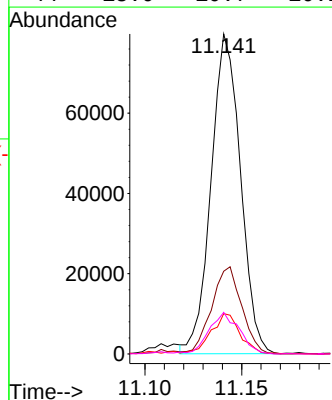
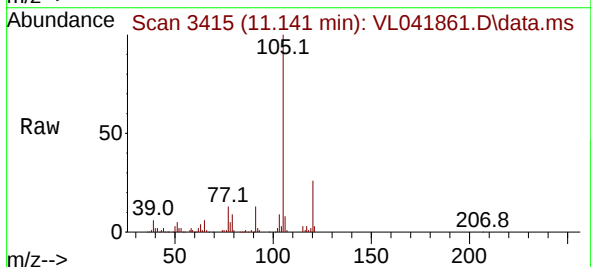
Instrument :
MSVOA_L
ClientSampleId :

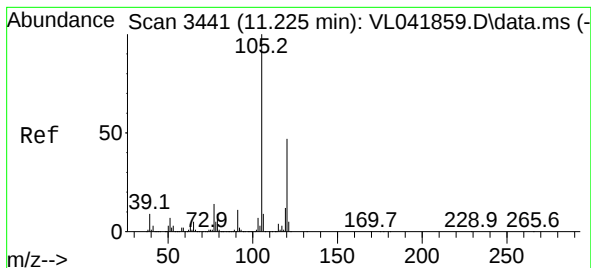
Tgt Ion: 91 Resp: 79598
Ion Ratio Lower Upper
91 100
126 29.7 11.6 46.6



#72
4-Ethyltoluene
Concen: 1.505 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion:105 Resp: 84096
Ion Ratio Lower Upper
105 100
120 28.9 23.5 35.3
91 13.4 9.8 14.8
77 13.9 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 1.467 ppbv

RT: 11.222 min Scan# 3441

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

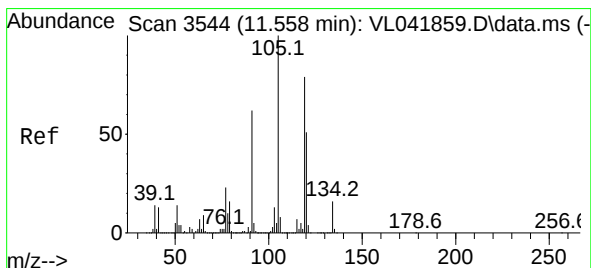
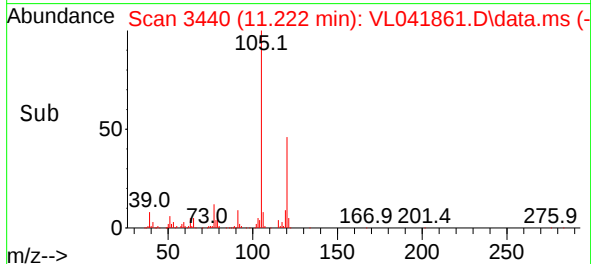
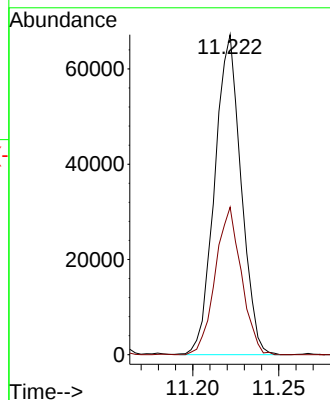
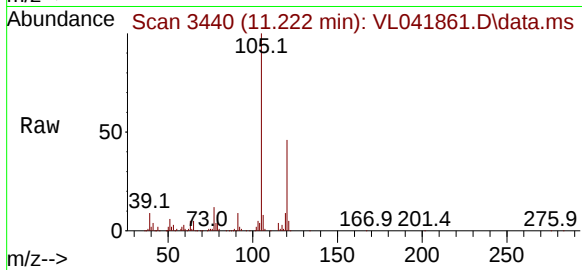
ClientSampleId :

Tgt Ion:105 Resp: 71812

Ion Ratio Lower Upper

105 100

120 46.1 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 1.394 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Tgt Ion:105 Resp: 79018

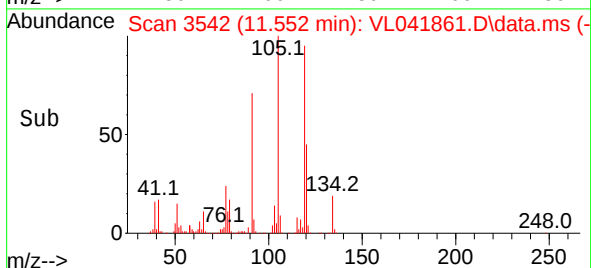
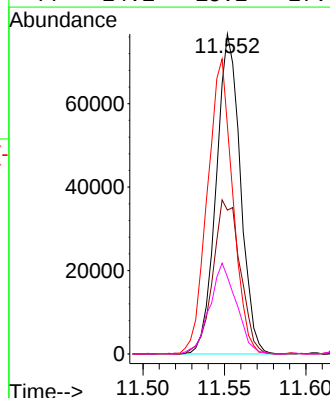
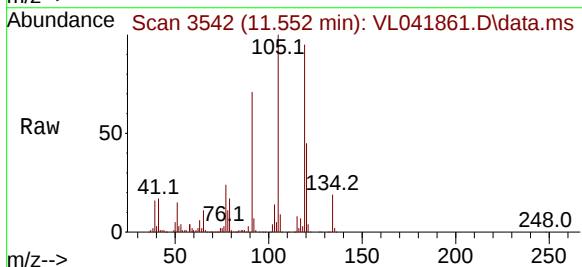
Ion Ratio Lower Upper

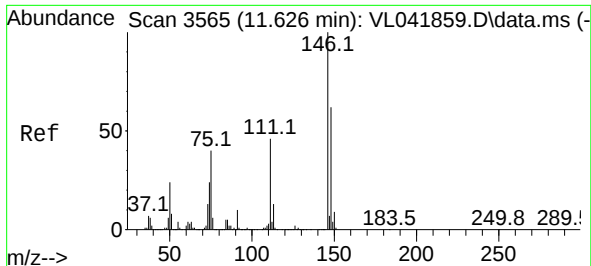
105 100

120 45.0 41.1 61.7

91 71.2 50.0 75.0

77 24.1 18.2 27.4

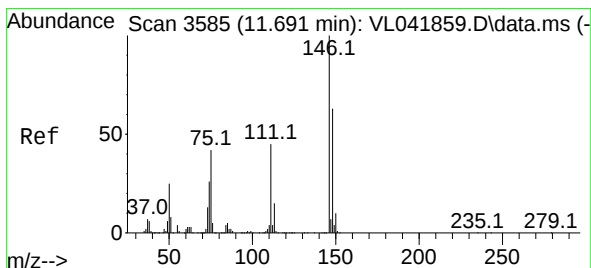
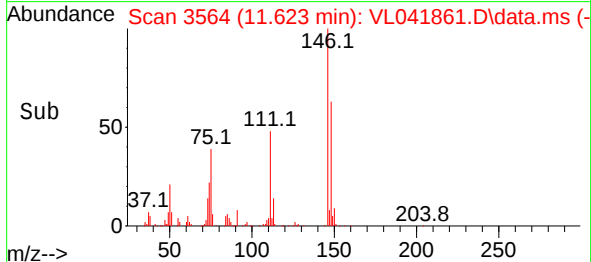
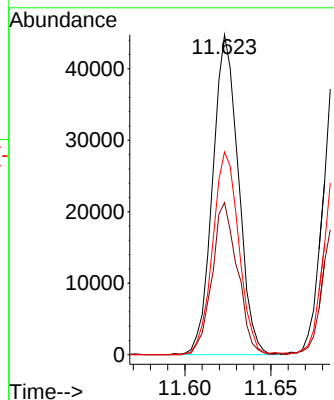
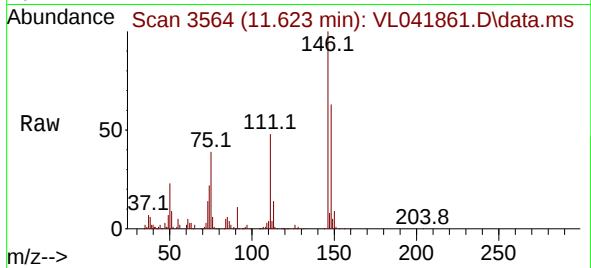




#75
1,3-Dichlorobenzene
Concen: 1.224 ppbv
RT: 11.623 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

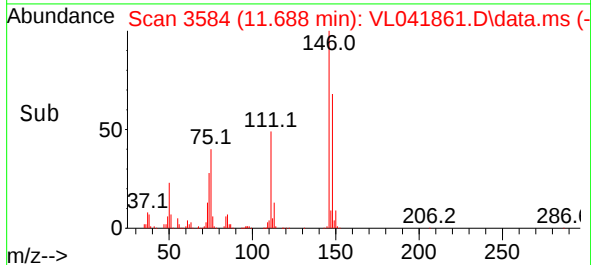
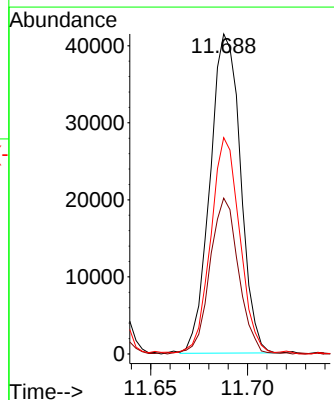
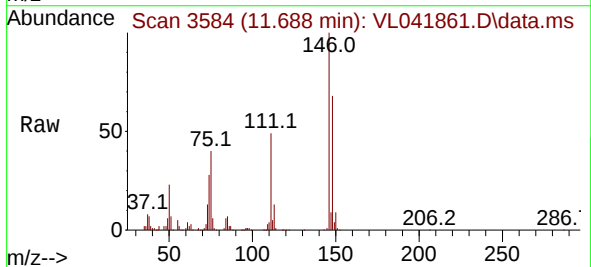
Instrument :
MSVOA_1
ClientSampleId :

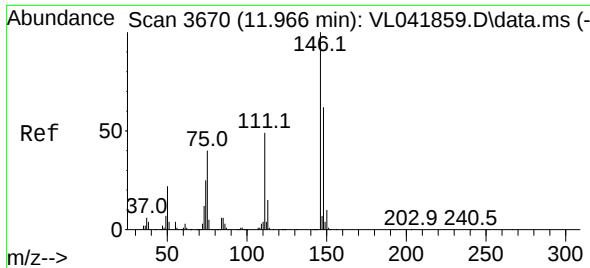
Tgt Ion:146 Resp: 46462
Ion Ratio Lower Upper
146 100
111 47.1 23.2 69.5
148 64.8 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 1.241 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion:146 Resp: 45316
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.1
148 65.5 31.2 93.6

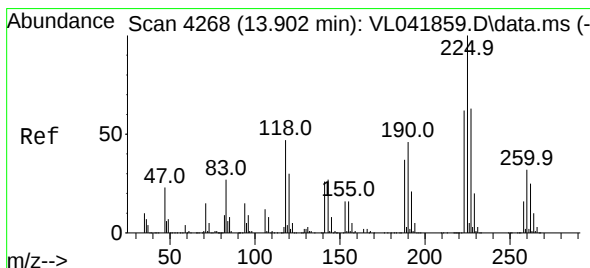
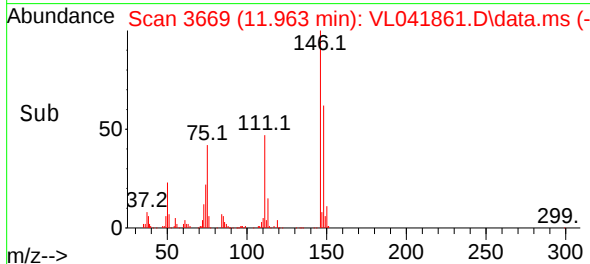
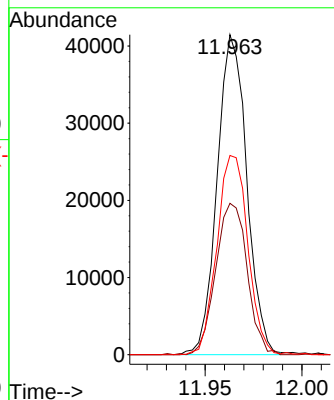
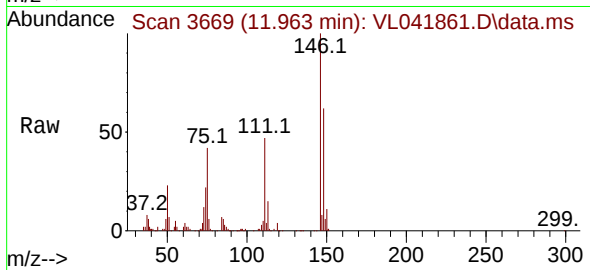




#77
1,2-Dichlorobenzene
Concen: 1.115 ppbv
RT: 11.963 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

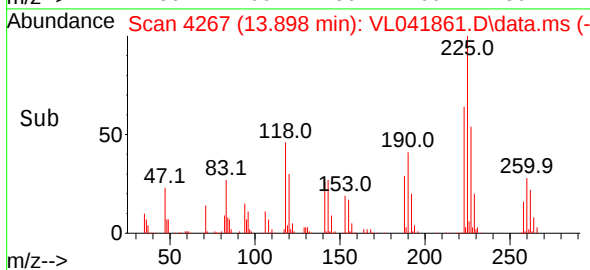
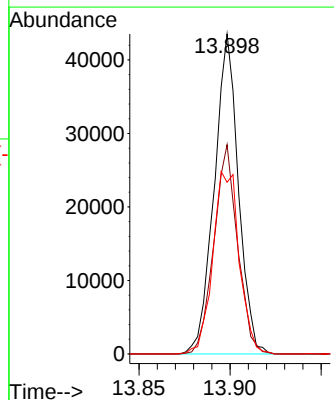
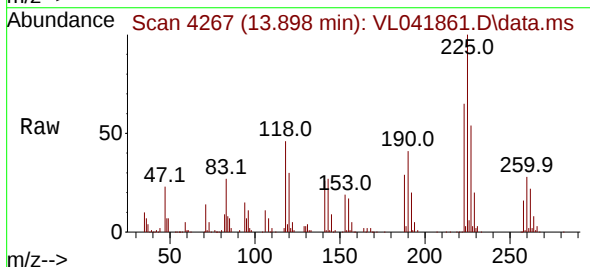
Instrument :
MSVOA_L
ClientSampleId :

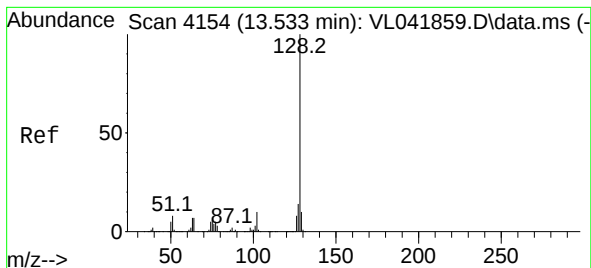
Tgt Ion:146 Resp: 44103
Ion Ratio Lower Upper
146 100
111 50.4 24.1 72.3
148 65.3 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 1.428 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041861.D
Acq: 09 Jan 2025 12:22

Tgt Ion:225 Resp: 40100
Ion Ratio Lower Upper
225 100
223 64.0 50.6 75.8
227 62.5 50.9 76.3





#79

Naphthalene

Concen: 2.069 ppbv

RT: 13.529 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

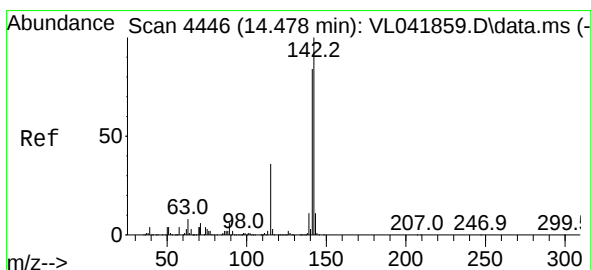
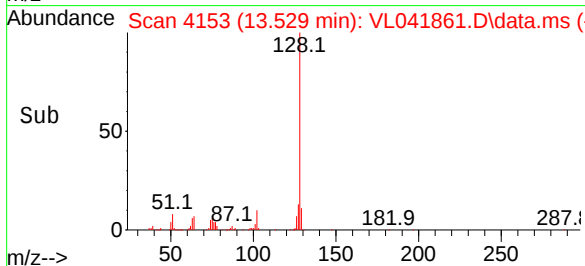
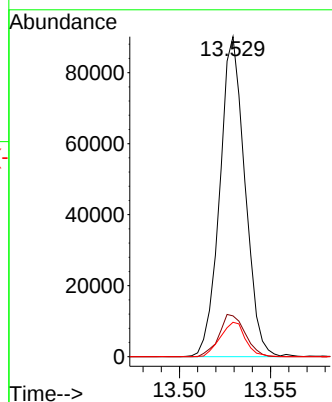
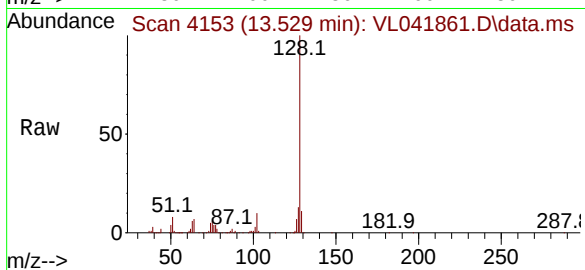
Tgt Ion:128 Resp: 86398

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 3.203 ppbv

RT: 14.474 min Scan# 4445

Delta R.T. -0.003 min

Lab File: VL041861.D

Acq: 09 Jan 2025 12:22

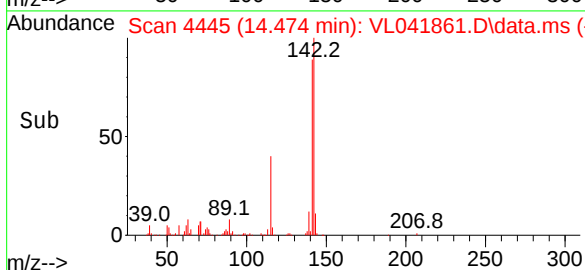
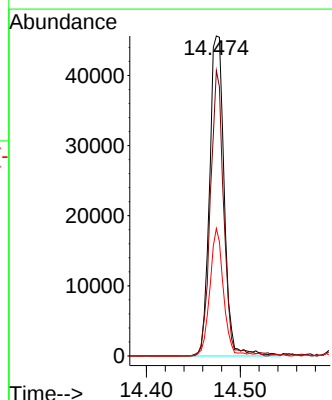
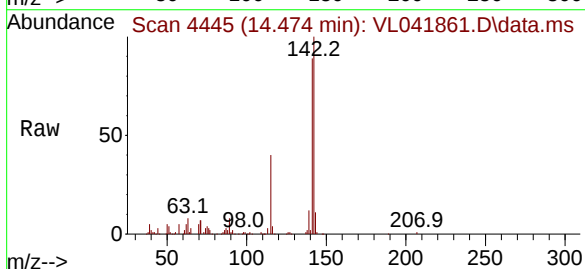
Tgt Ion:142 Resp: 49515

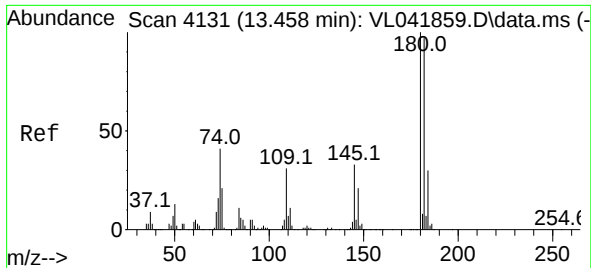
Ion Ratio Lower Upper

142 100

141 82.2 68.2 102.4

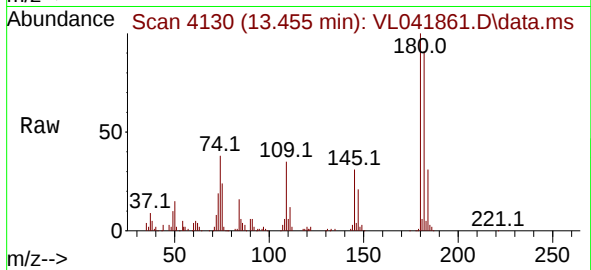
115 37.7 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 1.844 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041861.D
 Acq: 09 Jan 2025 12:22

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	42679
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.8
184	29.4	24.1	36.1

