

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041866.D
 Acq On : 09 Jan 2025 15:15
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 00:27:25 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-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	2.800	49	133443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	399044	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	363459	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	291470	10.001	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	213962	9.767	ppbv	99
3) Chlorodifluoromethane	1.479	51	225635	9.377	ppbv	97
4) Chloromethane	1.538	50	80251	9.424	ppbv	92
5) Vinyl Chloride	1.586	62	79865	8.819	ppbv	99
6) Bromomethane	1.674	94	37306	8.740	ppbv	99
7) Chloroethane	1.709	64	31703	9.031	ppbv	94
8) Dichlorotetrafluoroethane	1.560	85	181663	9.538	ppbv	99
9) Propene	1.489	41	99446	8.857	ppbv	99
10) Heptane	5.004	43	273051	9.222	ppbv	100
11) Trichlorofluoromethane	1.884	101	215460	9.569	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.149	101	171593	9.420	ppbv	98
13) Ethanol	1.729	45	4826	6.767	ppbv	86
14) Bromoethene	1.787	108	61700	9.463	ppbv	99
15) Acetone	1.842	43	172416	7.661	ppbv	100
16) 1,3-Butadiene	1.615	39	83662	8.654	ppbv	99
17) tert-Butyl alcohol	2.049	59	246893	9.669	ppbv	99
18) 1,1-Dichloroethene	2.043	96	79001	9.584	ppbv	92
19) Isopropyl Alcohol	1.894	45	103696	8.766	ppbv	99
20) Methylene Chloride	2.069	84	65389	8.517	ppbv	89
21) Allyl Chloride	2.104	41	131366	9.122	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	87967	9.216	ppbv	99
23) Vinyl Acetate	2.473	43	107320	9.411	ppbv #	99
24) 1,1-Dichloroethane	2.418	63	167453	9.264	ppbv	98
25) Ethyl Acetate	2.849	43	537722	9.615	ppbv	99
26) Hexane	2.839	57	213717	9.290	ppbv	99
27) Carbon Disulfide	2.159	76	211082	9.579	ppbv	99
28) Methyl tert-Butyl Ether	2.454	73	150727	8.585	ppbv	99
29) Chloroform	2.861	83	302132	9.385	ppbv	99
30) Cyclohexane	3.878	84	187848	9.508	ppbv	99
31) cis-1,2-Dichloroethene	2.732	61	215939	9.604	ppbv	95
32) 1,1,1-Trichloroethane	3.383	97	308704	9.654	ppbv	98
34) 2-Butanone	2.567	43	305484	9.209	ppbv	98
35) Carbon Tetrachloride	3.781	117	302110	9.742	ppbv	99
36) Benzene	3.674	78	448544	9.689	ppbv	96
37) 1,2-Dichloroethane	3.234	62	233663	9.621	ppbv	99
38) Trichloroethene	4.570	130	171695	9.393	ppbv	98
39) 1,2-Dichloropropane	4.334	63	157431	9.560	ppbv	99
40) 1,4-Dioxane	4.606	88	74011	8.937	ppbv #	87
41) Tetrahydrofuran	3.069	42	181706	9.327	ppbv	98
42) Bromodichloromethane	4.512	83	329142	9.864	ppbv	100
43) Methyl Methacrylate	4.907	69	179603	9.474	ppbv	100
44) 2,2,4-Trimethylpentane	4.668	57	741253	9.479	ppbv	99
45) t-1,3-Dichloropropene	6.444	75	182207	9.391	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041866.D
 Acq On : 09 Jan 2025 15:15
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 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

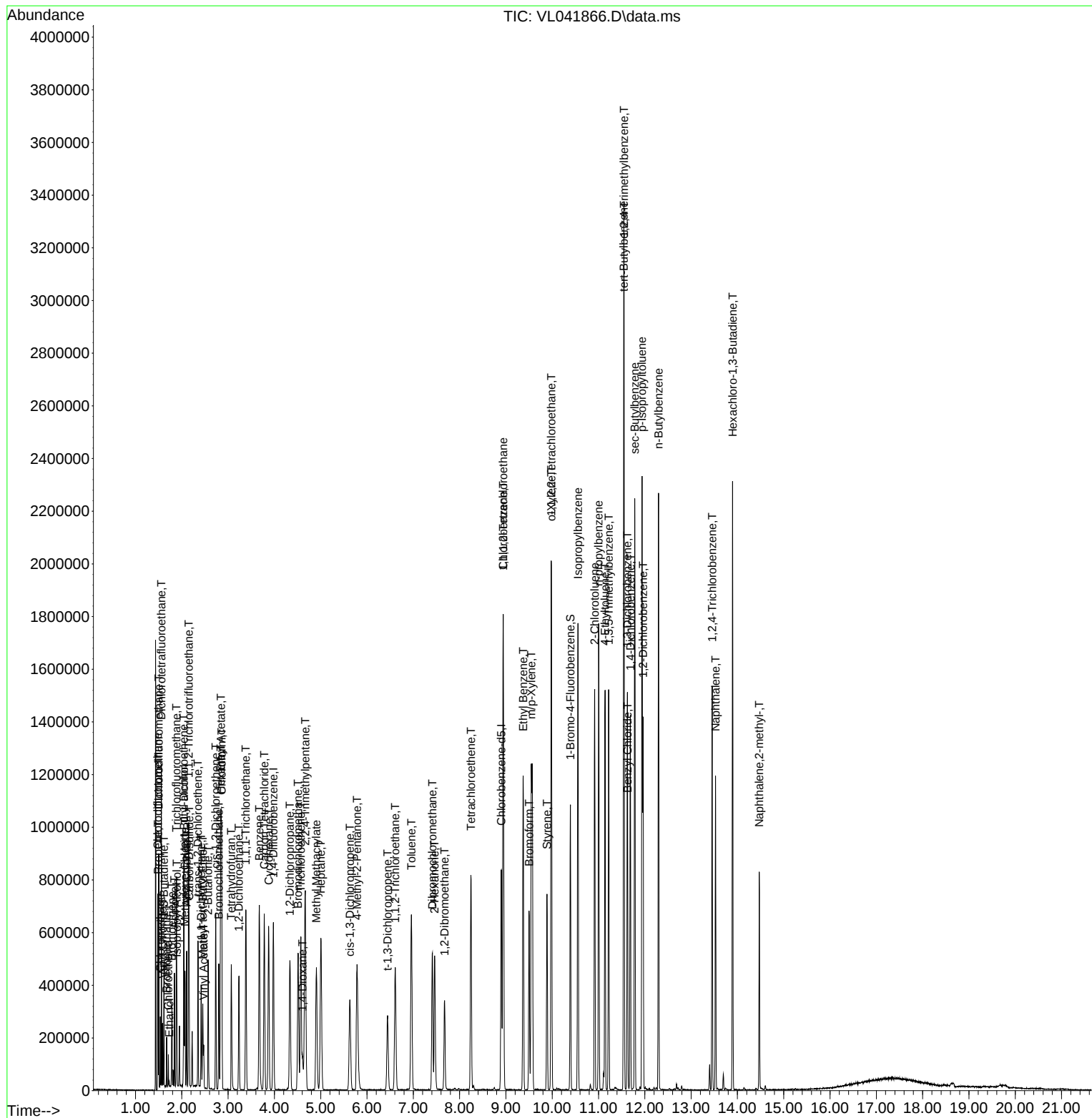
Instrument :
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 ClientSampleId :

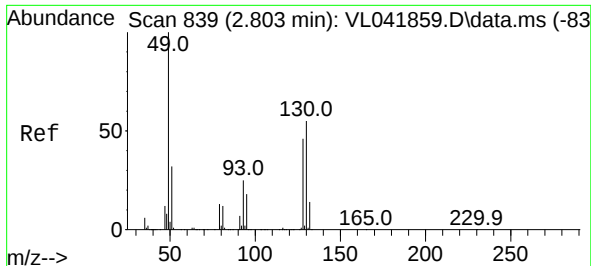
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:10:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	236106	9.483	ppbv	99
47) 1,1,2-Trichloroethane	6.610	97	165331	9.543	ppbv	98
48) Dibromochloromethane	7.409	129	266338	10.137	ppbv	99
49) Bromoform	9.500	173	230376	10.047	ppbv	99
50) 4-Methyl-2-Pentanone	5.784	43	447733	9.458	ppbv	100
51) 2-Hexanone	7.458	43	363718	9.341	ppbv	99
52) Tetrachloroethene	8.244	164	151399	8.536	ppbv	98
53) Toluene	6.959	91	517284	9.395	ppbv	99
54) 1,2-Dibromoethane	7.674	107	226153	9.598	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.943	131	209474	9.669	ppbv	100
57) Chlorobenzene	8.940	112	383752	9.470	ppbv	98
58) Ethyl Benzene	9.374	91	717041	9.595	ppbv	100
59) m/p-Xylene	9.548	91	575290	9.741	ppbv #	100
60) o-Xylene	9.982	91	555689	9.433	ppbv	100
61) Styrene	9.888	104	276061	9.385	ppbv	99
62) Isopropylbenzene	10.555	105	835024	9.415	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	327345	9.252	ppbv	100
64) n-propylbenzene	11.002	120	211515	9.153	ppbv	99
65) tert-Butylbenzene	11.545	119	747696	9.315	ppbv	100
66) Benzyl Chloride	11.630	91	68070	8.187	ppbv	99
67) sec-Butylbenzene	11.782	105	1020583	9.228	ppbv	99
69) p-Isopropyltoluene	11.940	119	862841	9.143	ppbv	100
70) n-Butylbenzene	12.296	91	843727	8.907	ppbv	100
71) 2-Chlorotoluene	10.917	91	625951	9.116	ppbv	100
72) 4-Ethyltoluene	11.141	105	668428	9.254	ppbv	100
73) 1,3,5-Trimethylbenzene	11.218	105	572229	9.332	ppbv	99
74) 1,2,4-Trimethylbenzene	11.552	105	607041	9.114	ppbv	95
75) 1,3-Dichlorobenzene	11.623	146	348741	8.734	ppbv	99
76) 1,4-Dichlorobenzene	11.688	146	351167	8.884	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	336372	8.912	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	247845	7.639	ppbv	99
79) Naphthalene	13.526	128	544143	7.583	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	232445	6.006	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	269501	7.888	ppbv	98

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

Quant Time: Jan 10 00:27:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Fri Jan 10 00:10:04 2025
Response via : Initial Calibration

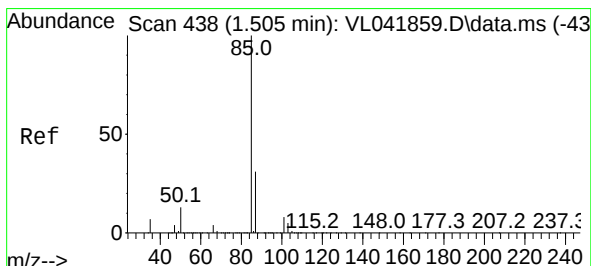
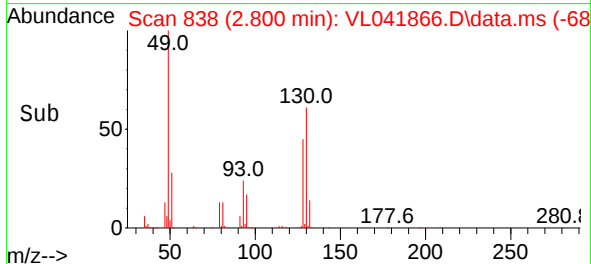
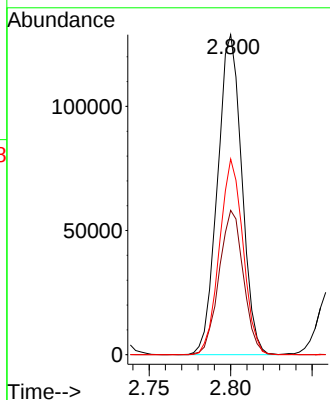
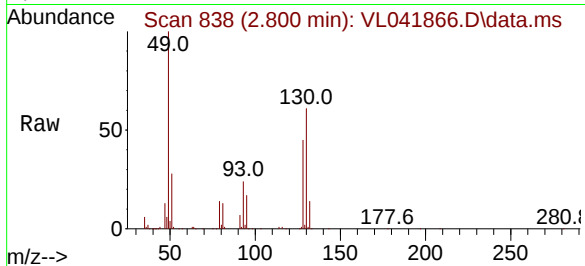




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 839
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

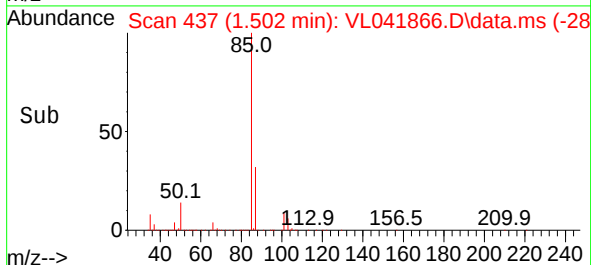
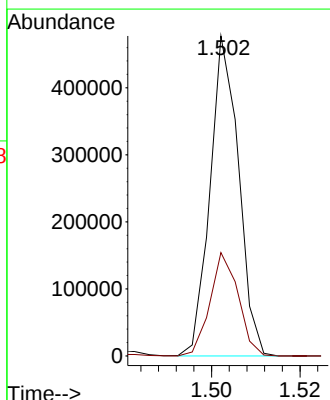
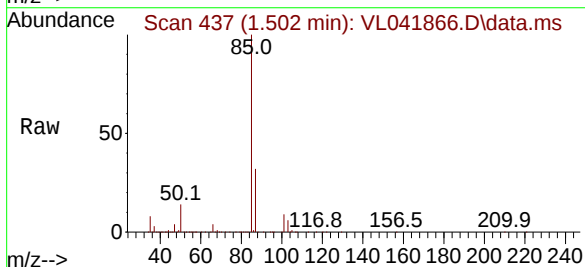
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MSVOA_L
ClientSampleId :

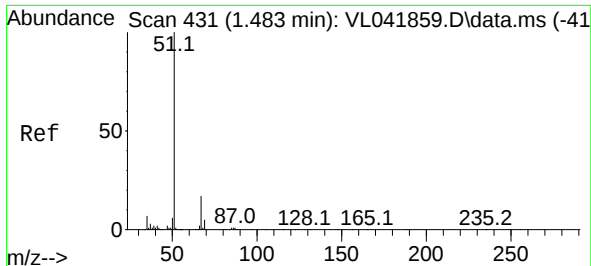
Tgt Ion: 49 Resp: 133443
Ion Ratio Lower Upper
49 100
128 45.3 23.2 69.5
130 59.3 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 9.767 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 85 Resp: 213962
Ion Ratio Lower Upper
85 100
87 32.3 25.2 37.8

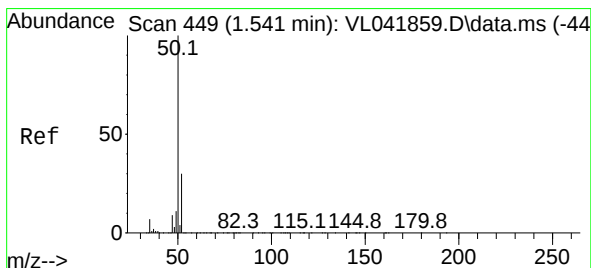
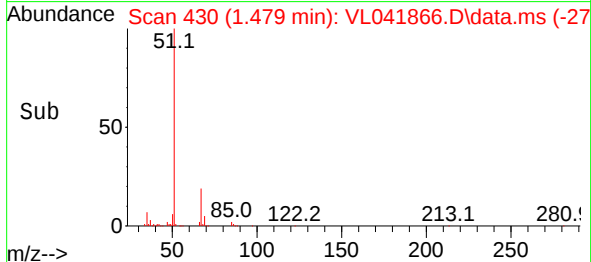
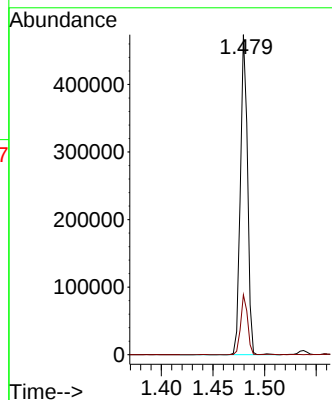
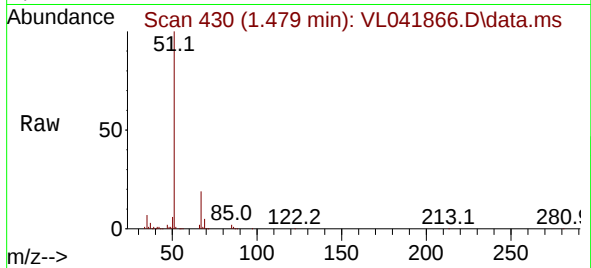




#3
Chlorodifluoromethane
Concen: 9.377 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

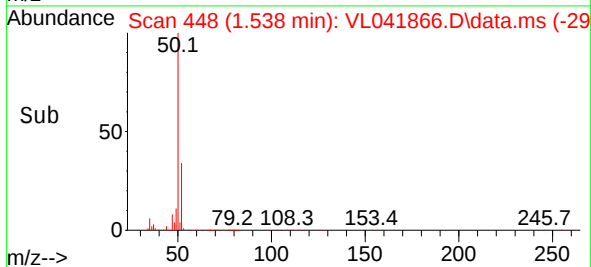
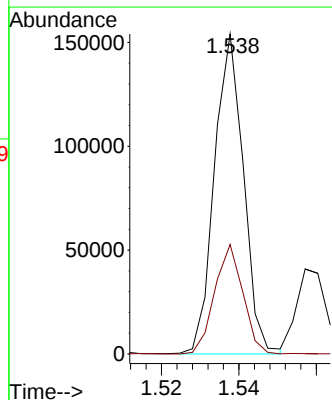
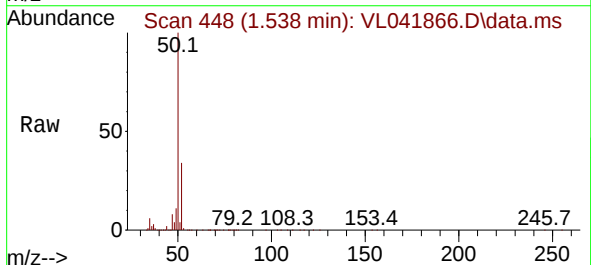
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MSVOA_L
ClientSampleId :

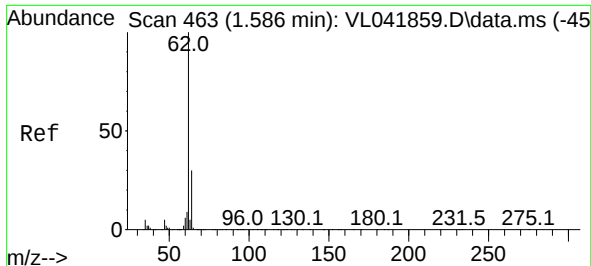
Tgt Ion: 51 Resp: 225635
Ion Ratio Lower Upper
51 100
67 18.5 13.8 20.8



#4
Chloromethane
Concen: 9.424 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 50 Resp: 80251
Ion Ratio Lower Upper
50 100
52 34.3 23.9 35.9

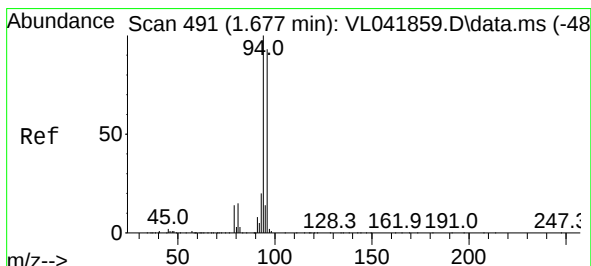
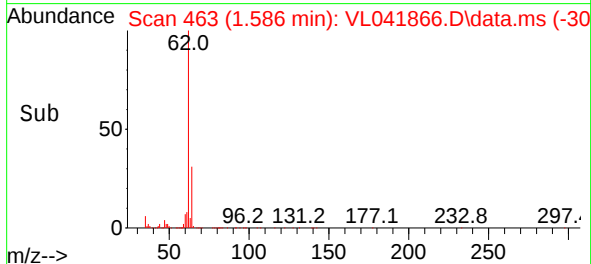
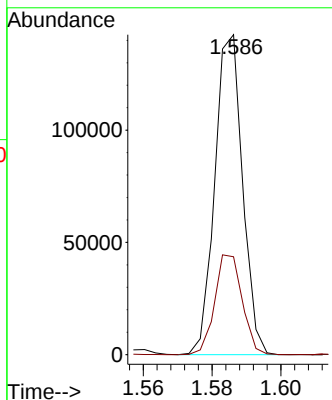
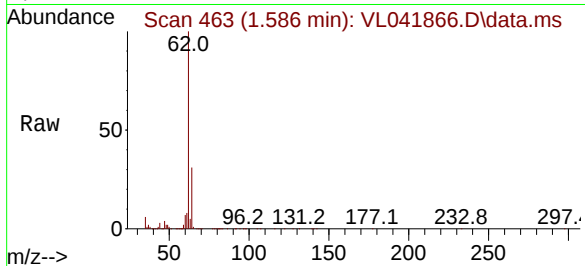




#5
 Vinyl Chloride
 Concen: 8.819 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

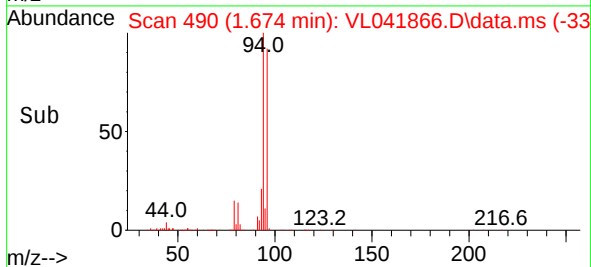
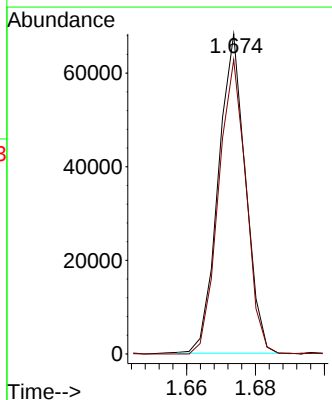
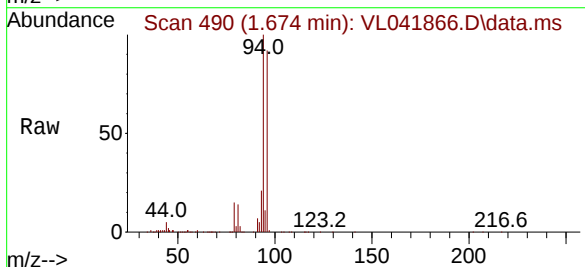
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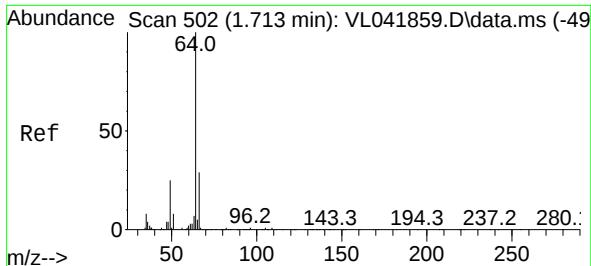
Tgt Ion: 62 Resp: 79865
 Ion Ratio Lower Upper
 62 100
 64 30.6 24.1 36.1



#6
 Bromomethane
 Concen: 8.740 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 94 Resp: 37306
 Ion Ratio Lower Upper
 94 100
 96 92.2 74.8 112.2

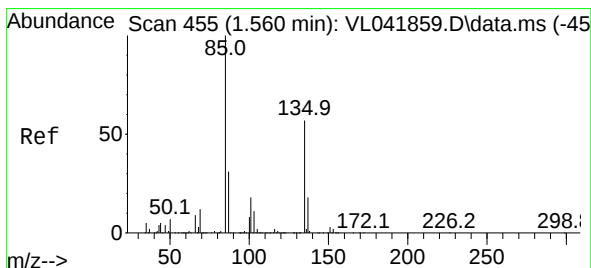
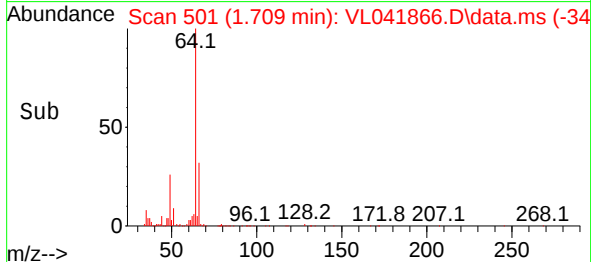
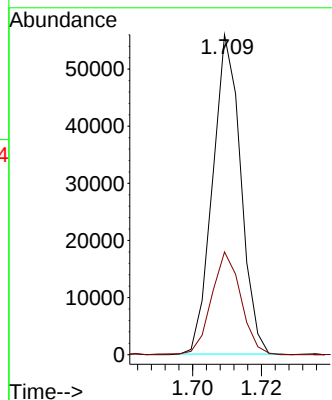
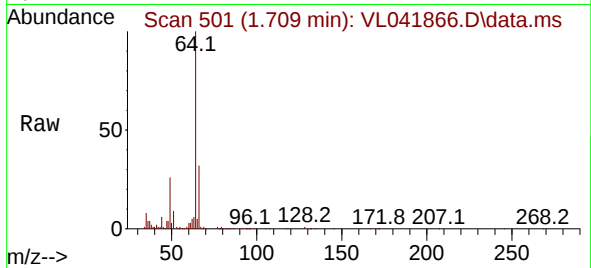




#7
Chloroethane
Concen: 9.031 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

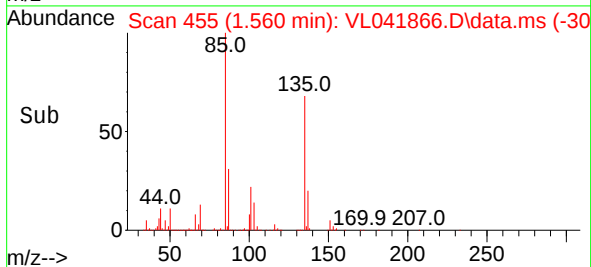
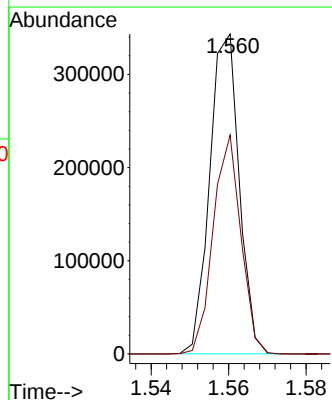
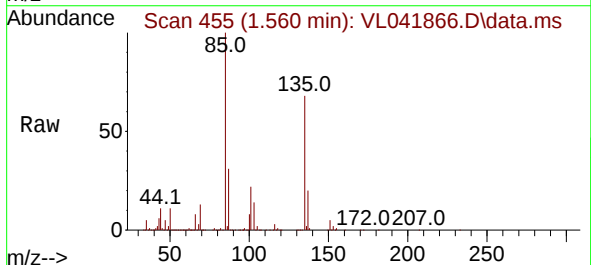
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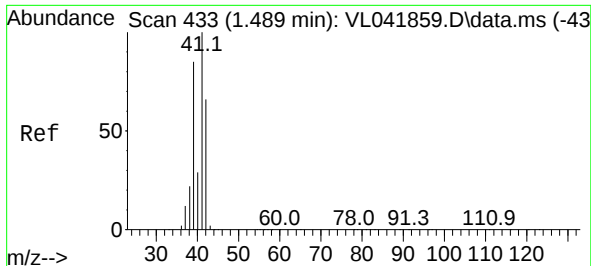
Tgt Ion: 64 Resp: 31703
Ion Ratio Lower Upper
64 100
66 32.1 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 9.538 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 85 Resp: 181663
Ion Ratio Lower Upper
85 100
135 64.2 52.2 78.4





#9

Propene

Concen: 8.857 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

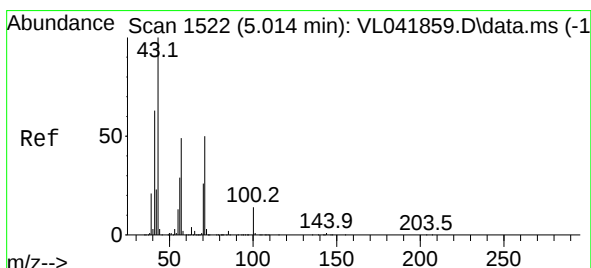
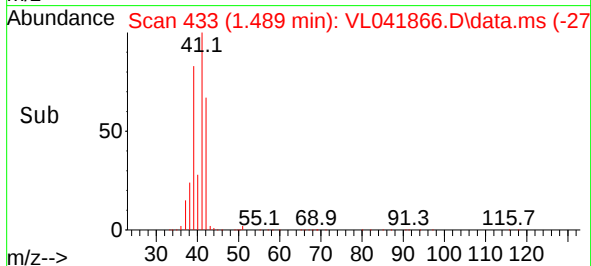
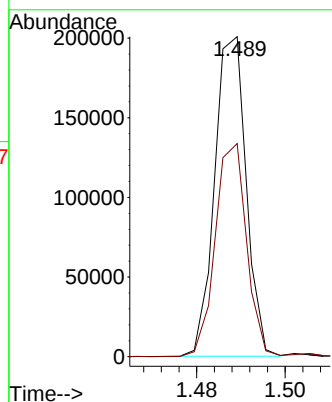
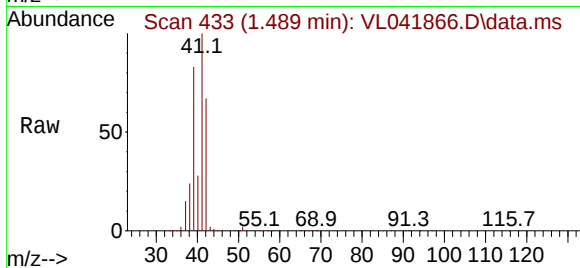
ClientSampleId :

Tgt Ion: 41 Resp: 99446

Ion Ratio Lower Upper

41 100

42 67.2 53.0 79.6



#10

Heptane

Concen: 9.222 ppbv

RT: 5.004 min Scan# 1519

Delta R.T. -0.010 min

Lab File: VL041866.D

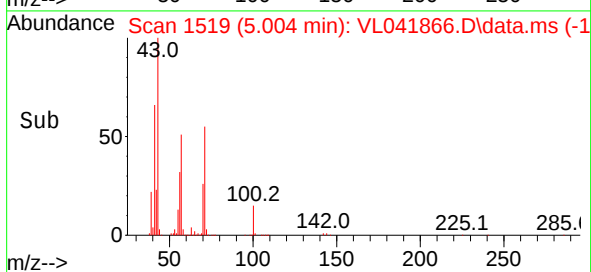
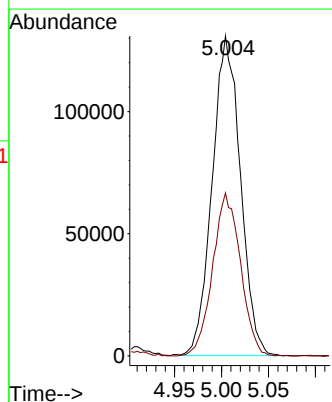
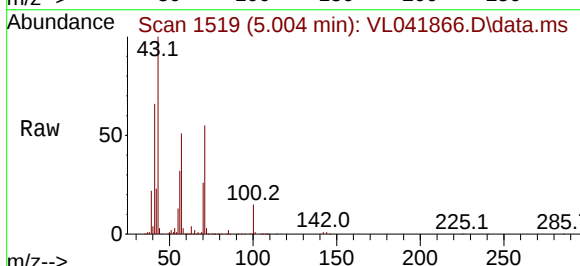
Acq: 09 Jan 2025 15:15

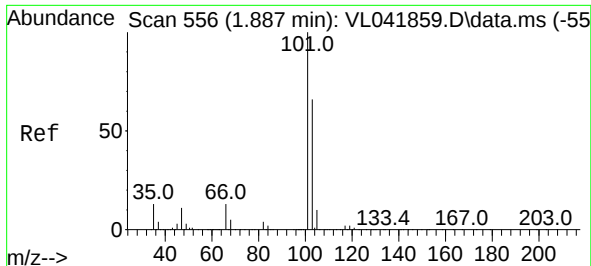
Tgt Ion: 43 Resp: 273051

Ion Ratio Lower Upper

43 100

57 50.2 40.2 60.2

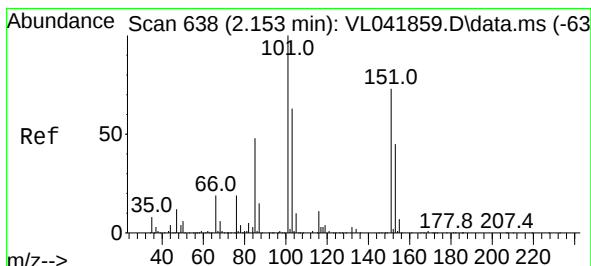
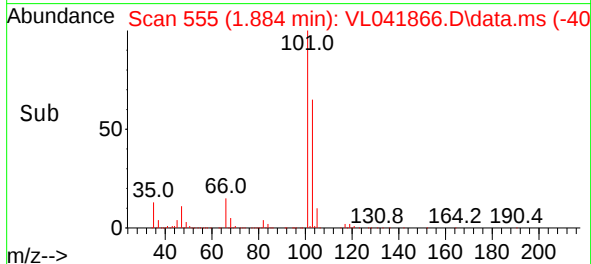
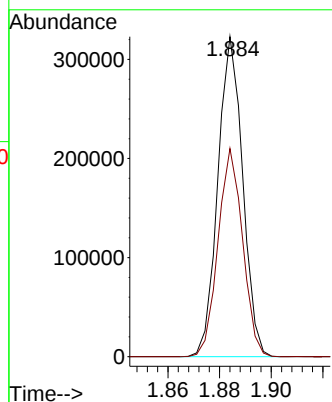
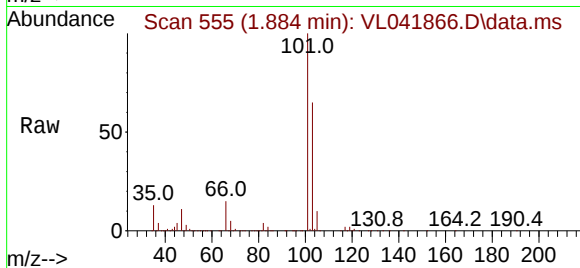




#11
Trichlorofluoromethane
Concen: 9.569 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

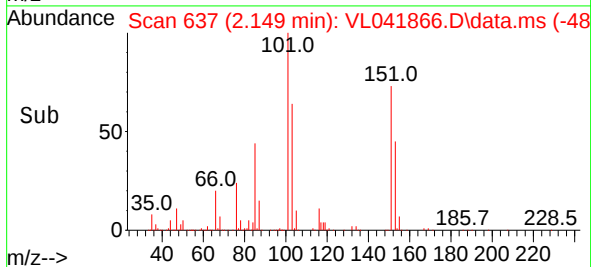
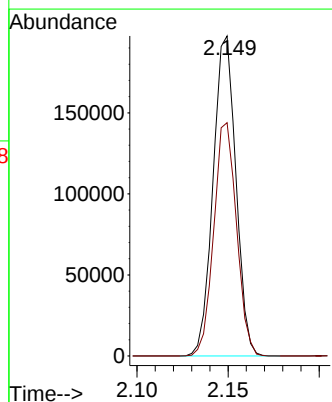
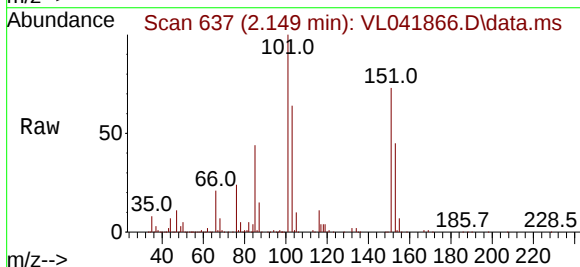
Instrument :
MSVOA_L
ClientSampleId :

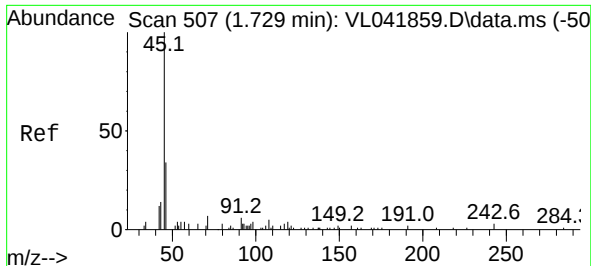
Tgt Ion:101 Resp: 215460
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.420 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

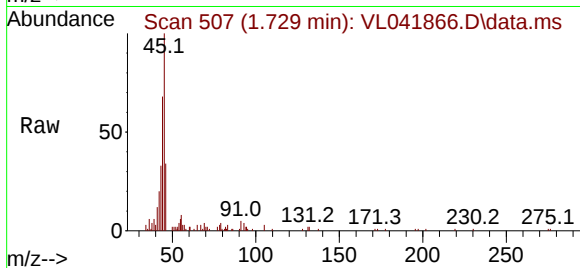
Tgt Ion:101 Resp: 171593
Ion Ratio Lower Upper
101 100
151 72.6 59.4 89.0



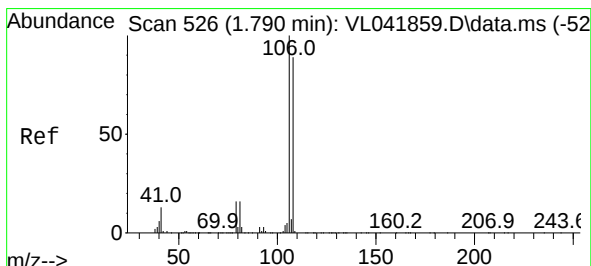
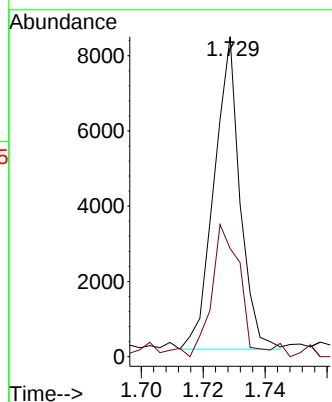
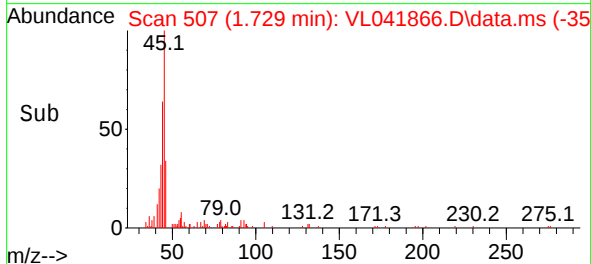


#13
Ethanol
Concen: 6.767 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

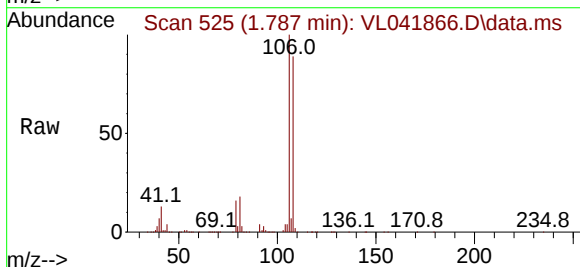
Instrument :
MSVOA_L
ClientSampleId :



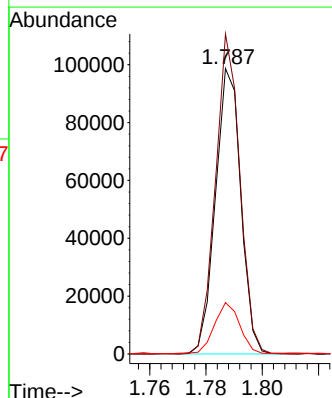
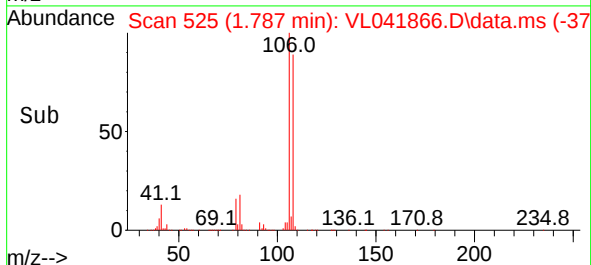
Tgt Ion: 45 Resp: 4826
Ion Ratio Lower Upper
45 100
46 56.9 19.0 76.0

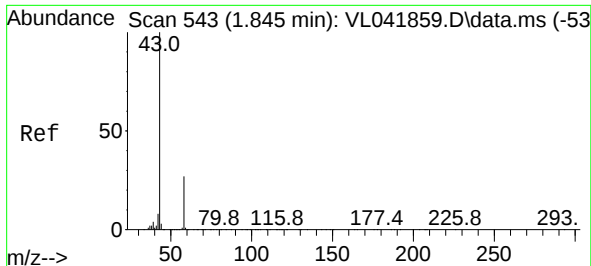


#14
Bromoethene
Concen: 9.463 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



Tgt Ion: 108 Resp: 61700
Ion Ratio Lower Upper
108 100
106 108.2 86.9 130.3
79 18.9 15.6 23.4

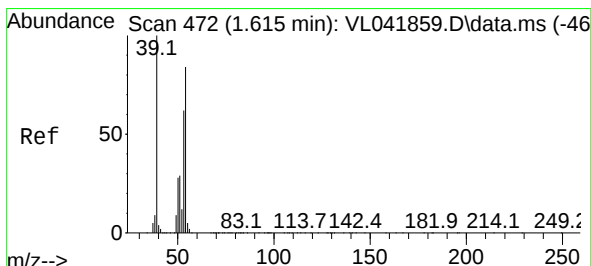
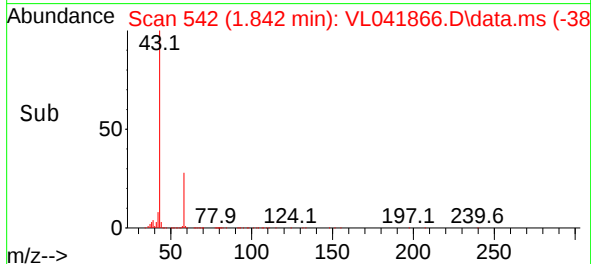
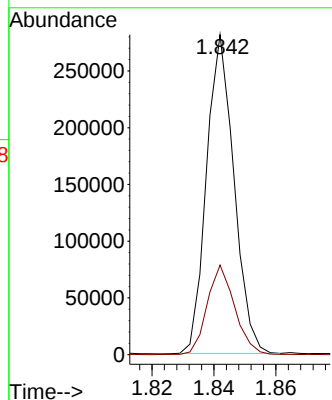
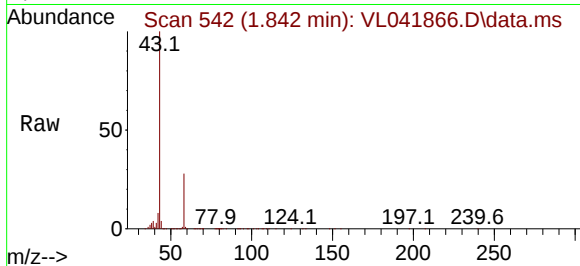




#15
Acetone
Concen: 7.661 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

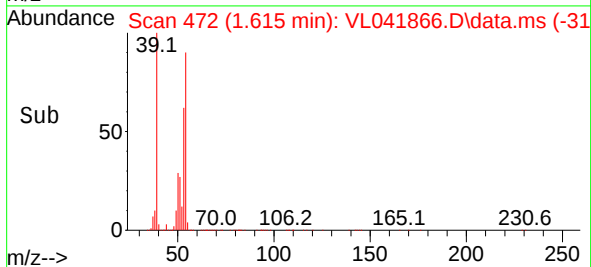
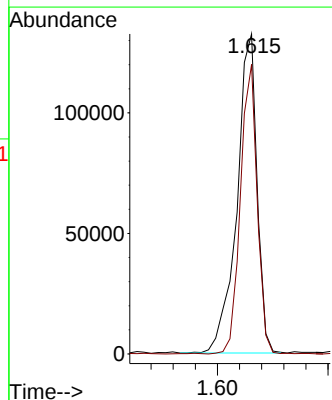
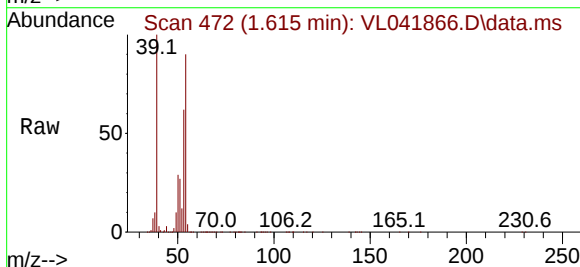
Instrument :
MSVOA_L
ClientSampleId :

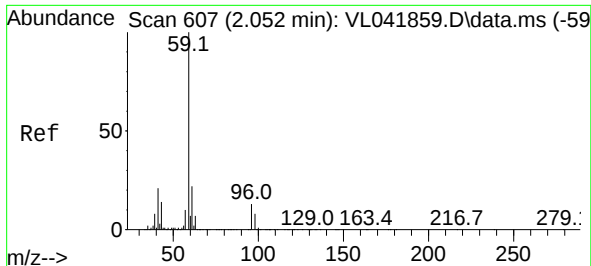
Tgt Ion: 43 Resp: 172416
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1



#16
1,3-Butadiene
Concen: 8.654 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 39 Resp: 83662
Ion Ratio Lower Upper
39 100
54 76.2 60.1 90.1





#17

tert-Butyl alcohol

Concen: 9.669 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

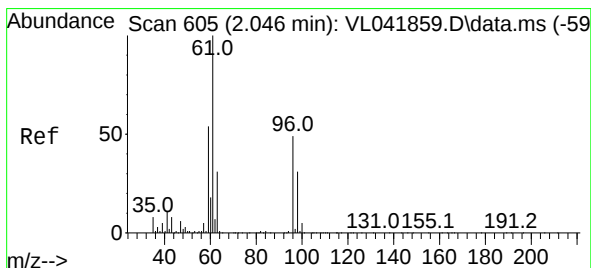
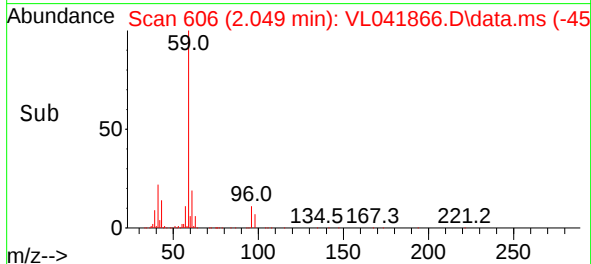
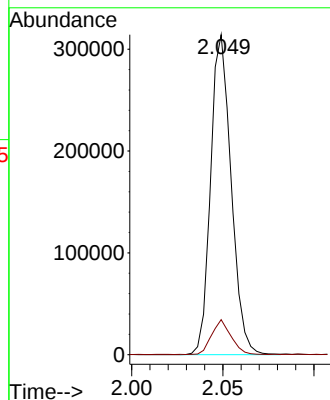
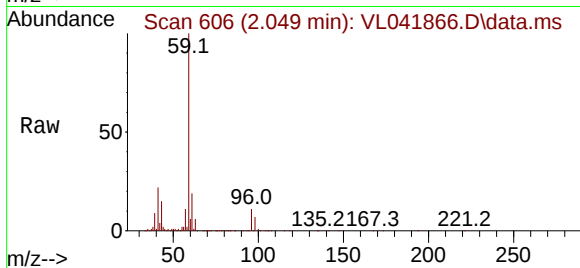
ClientSampleId :

Tgt Ion: 59 Resp: 246893

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#18

1,1-Dichloroethene

Concen: 9.584 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

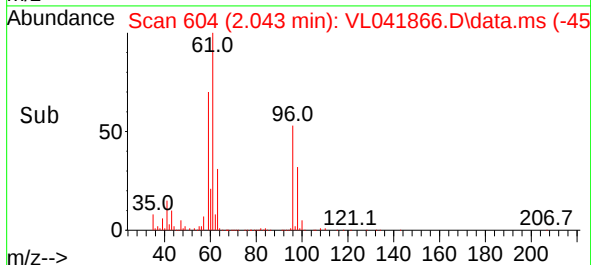
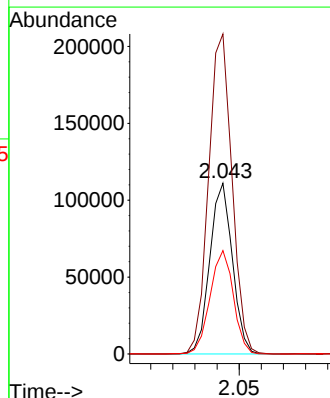
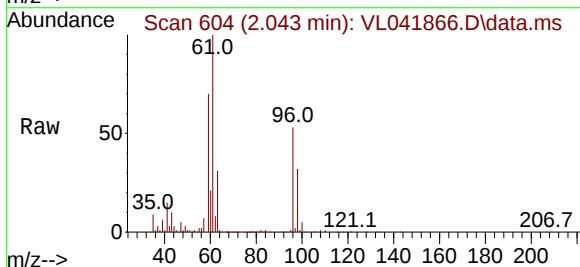
Tgt Ion: 96 Resp: 79001

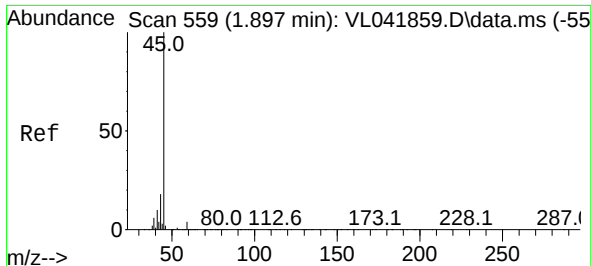
Ion Ratio Lower Upper

96 100

61 187.4 161.7 242.5

98 60.6 51.0 76.4





#19

Isopropyl Alcohol

Concen: 8.766 ppbv

RT: 1.894 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

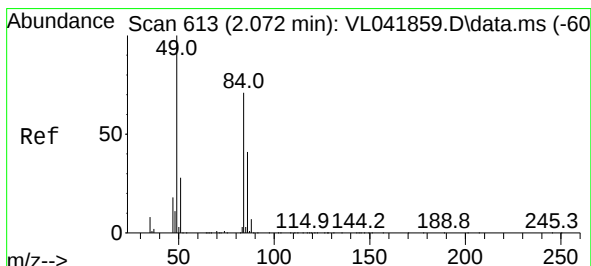
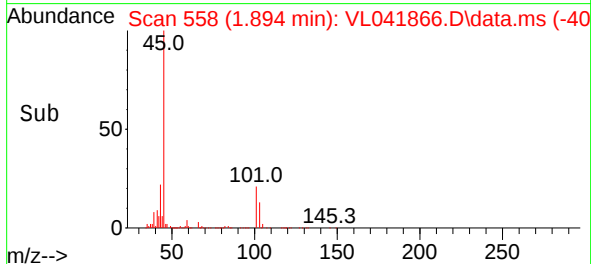
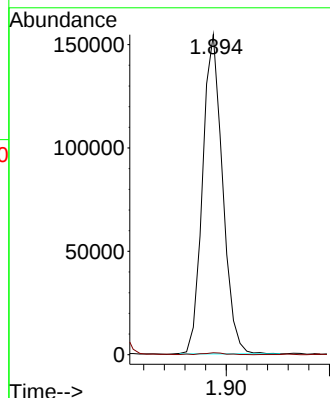
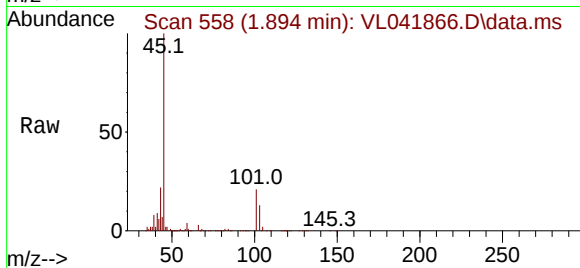
ClientSampleId :

Tgt Ion: 45 Resp: 103696

Ion Ratio Lower Upper

45 100

58 47.2 37.0 55.6



#20

Methylene Chloride

Concen: 8.517 ppbv

RT: 2.069 min Scan# 612

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion: 84 Resp: 65389

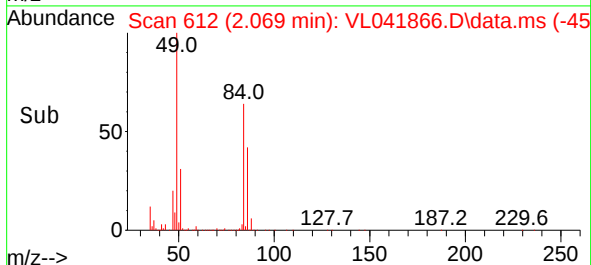
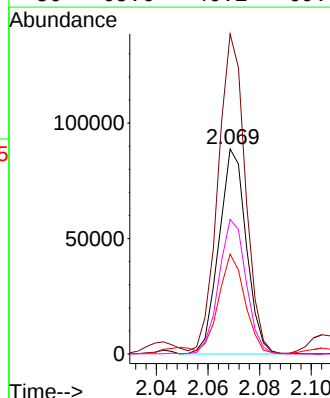
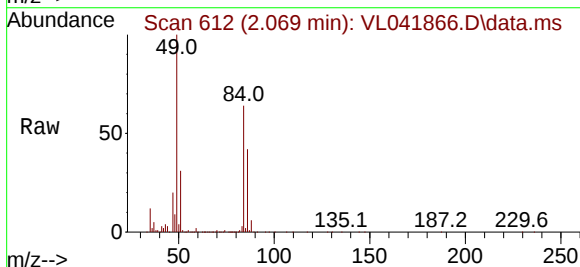
Ion Ratio Lower Upper

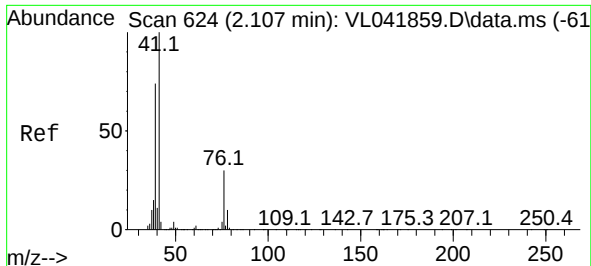
84 100

49 155.8 113.8 170.8

51 48.1 33.5 50.3

86 65.6 46.2 69.4

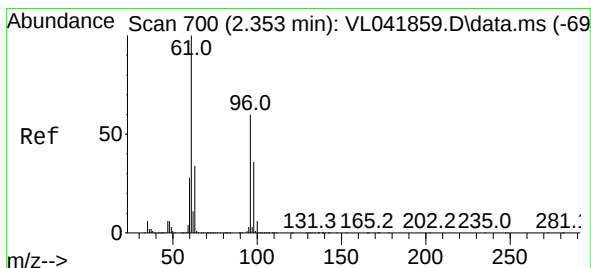
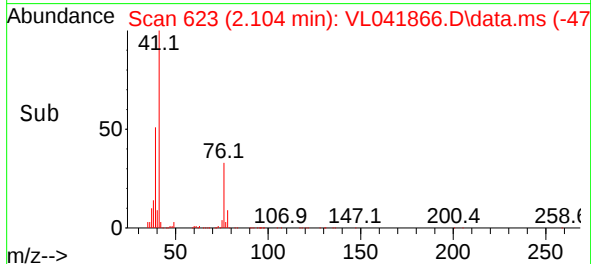
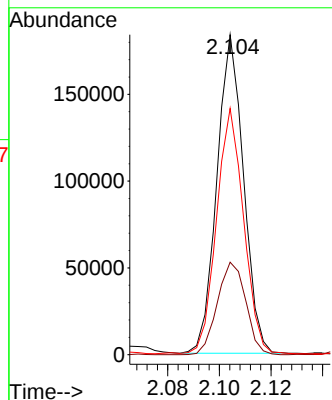
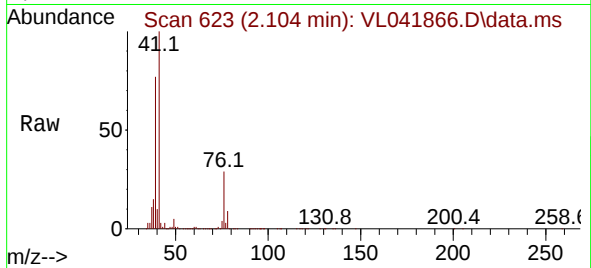




#21
 Allyl Chloride
 Concen: 9.122 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

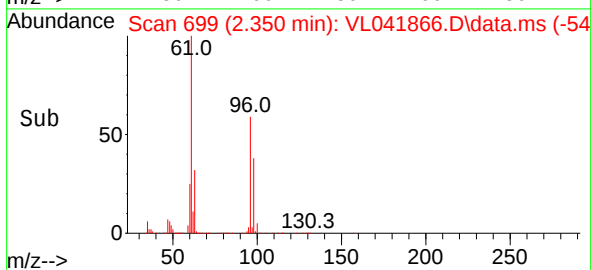
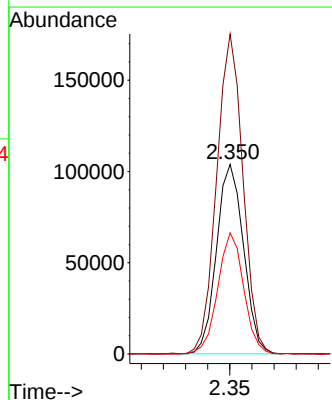
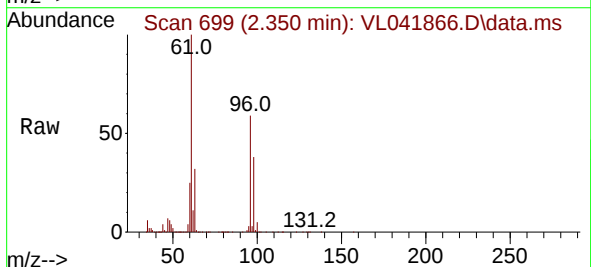
Instrument :
 MSVOA_L
 ClientSampleId :

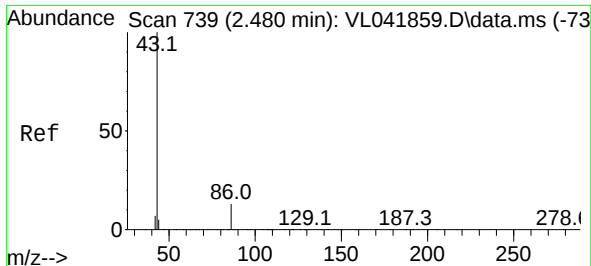
Tgt Ion: 41 Resp: 131366
 Ion Ratio Lower Upper
 41 100
 76 30.7 24.6 36.8
 39 78.9 60.1 90.1



#22
 trans-1,2-Dichloroethene
 Concen: 9.216 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 96 Resp: 87967
 Ion Ratio Lower Upper
 96 100
 61 168.8 134.2 201.4
 98 63.9 49.0 73.4



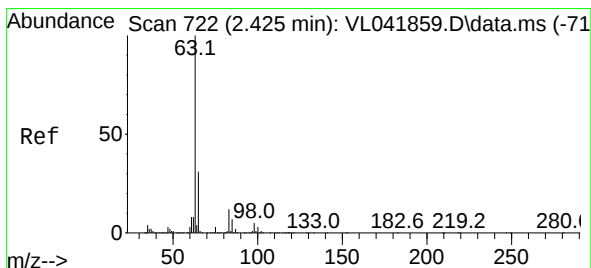
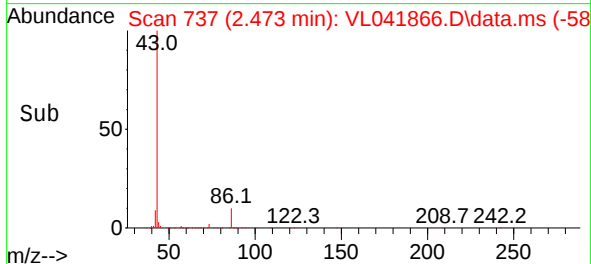
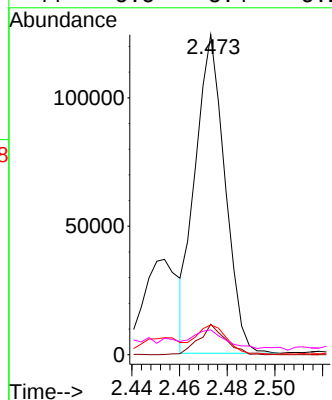
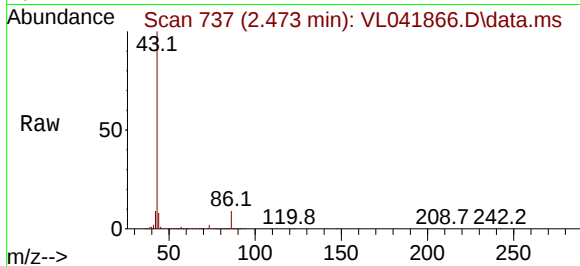


#23
 Vinyl Acetate
 Concen: 9.411 ppbv
 RT: 2.473 min Scan# 741
 Delta R.T. -0.007 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 107320

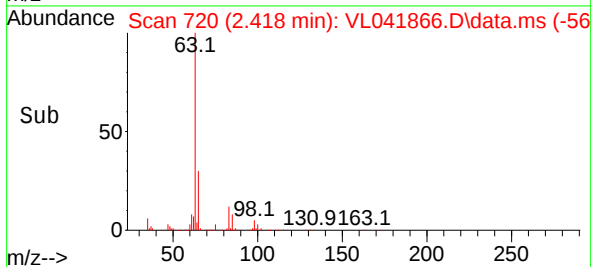
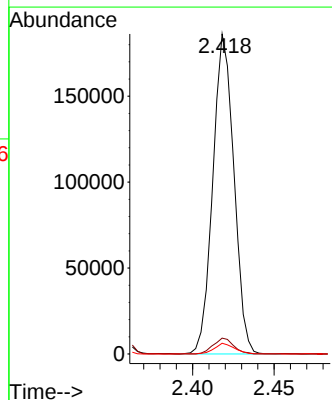
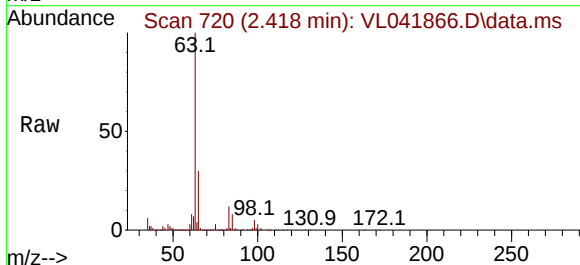
Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.8	11.6
42	9.1	7.0	10.4
44	5.5	3.4	5.2

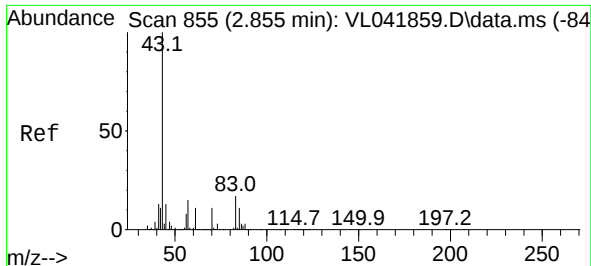


#24
 1,1-Dichloroethane
 Concen: 9.264 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 63 Resp: 167453

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.3	6.9
100	3.4	1.3	3.8





#25

Ethyl Acetate

Concen: 9.615 ppbv

RT: 2.849 min Scan# 84

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 537722

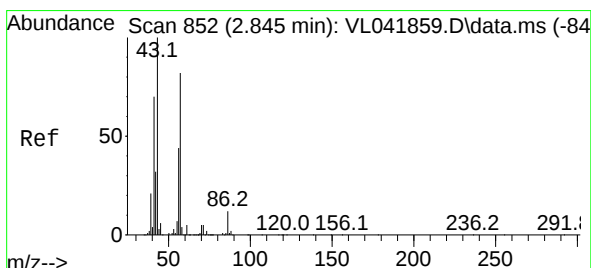
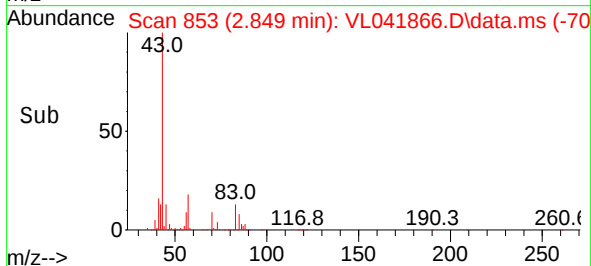
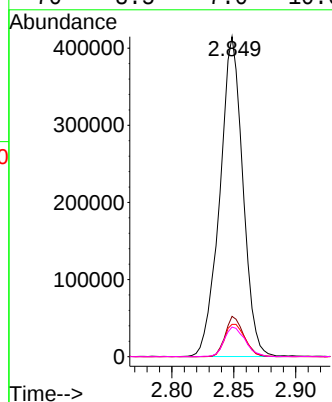
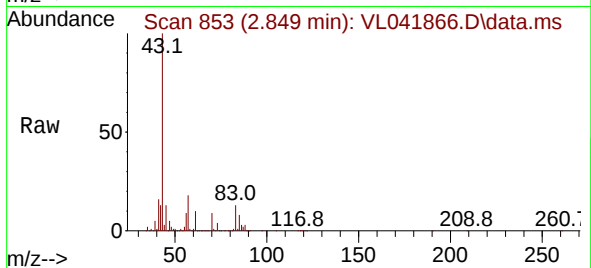
Ion Ratio Lower Upper

43 100

45 10.2 8.4 12.6

61 9.2 7.3 10.9

70 8.5 7.0 10.6



#26

Hexane

Concen: 9.290 ppbv

RT: 2.839 min Scan# 850

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion: 57 Resp: 213717

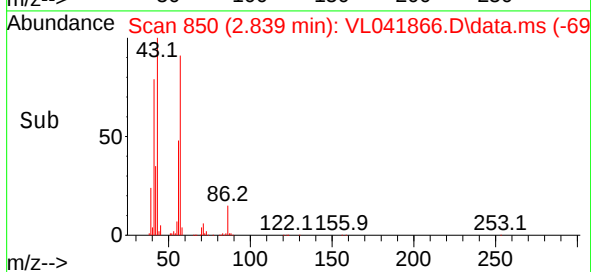
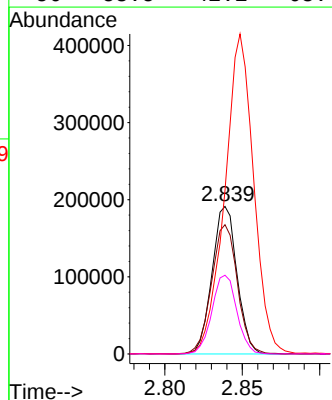
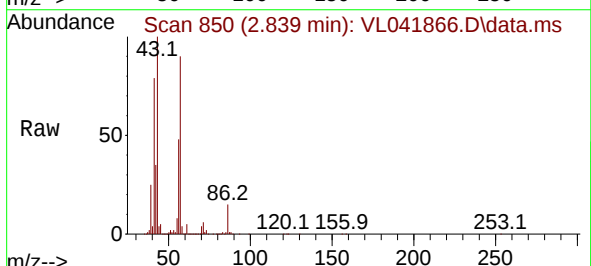
Ion Ratio Lower Upper

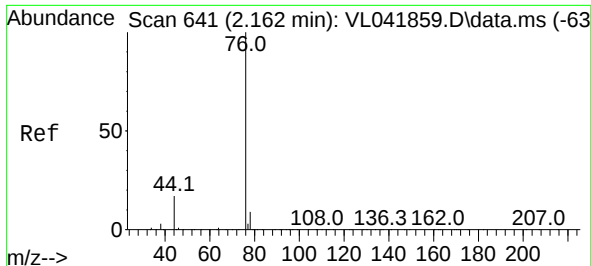
57 100

41 91.1 71.5 107.3

43 252.2 200.2 300.4

56 53.5 42.2 63.4





#27

Carbon Disulfide

Concen: 9.579 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.003 min

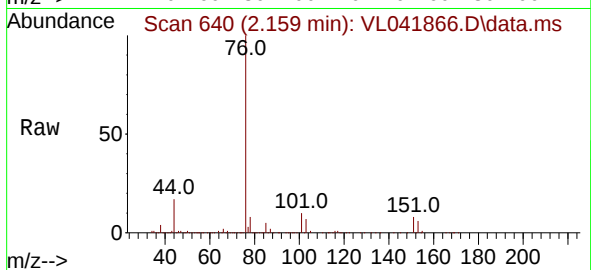
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :



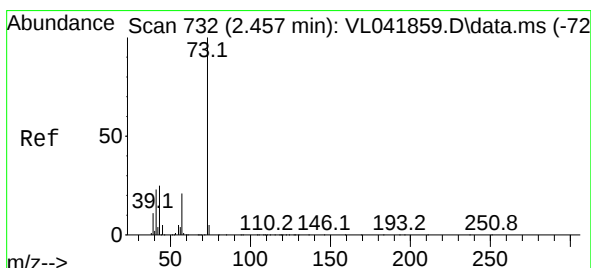
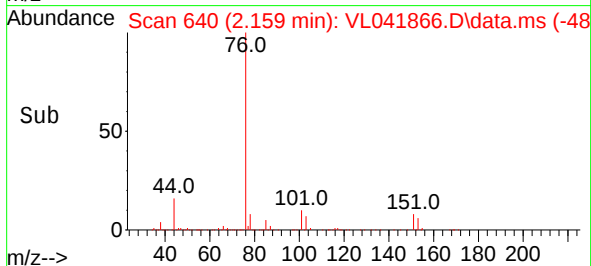
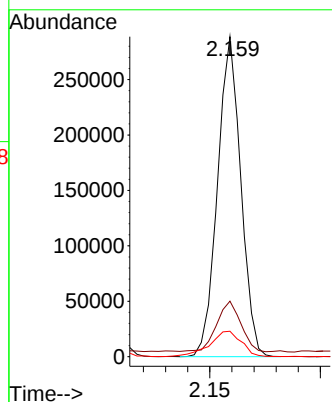
Tgt Ion: 76 Resp: 211082

Ion Ratio Lower Upper

76 100

44 16.5 13.1 19.7

78 11.0 9.5 14.3



#28

Methyl tert-Butyl Ether

Concen: 8.585 ppbv

RT: 2.454 min Scan# 731

Delta R.T. -0.003 min

Lab File: VL041866.D

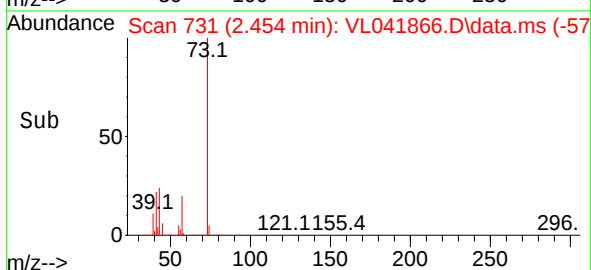
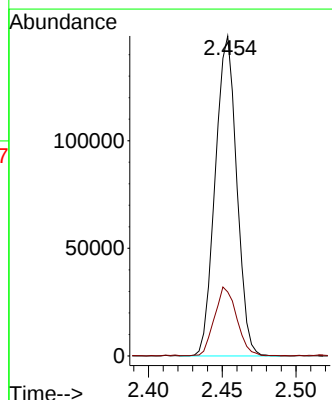
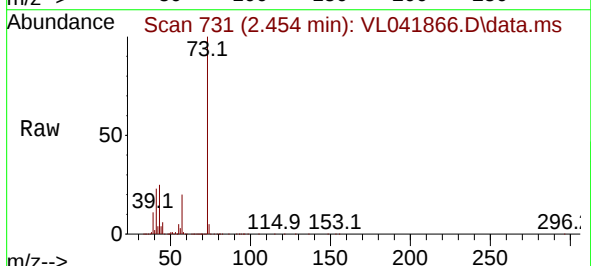
Acq: 09 Jan 2025 15:15

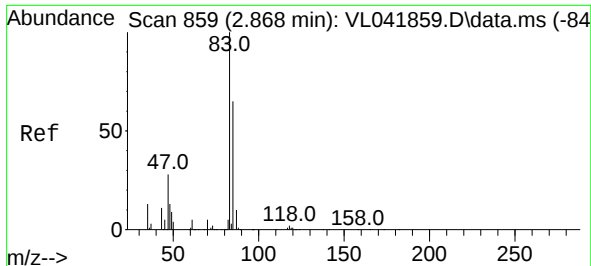
Tgt Ion: 73 Resp: 150727

Ion Ratio Lower Upper

73 100

57 22.2 17.5 26.3





#29

Chloroform

Concen: 9.385 ppbv

RT: 2.861 min Scan# 857

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

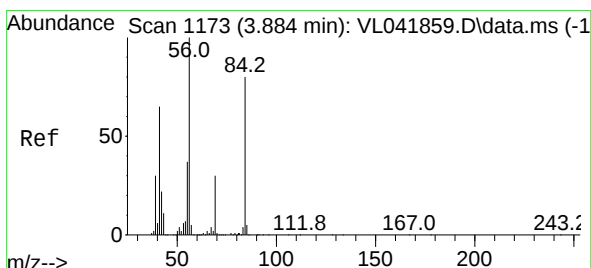
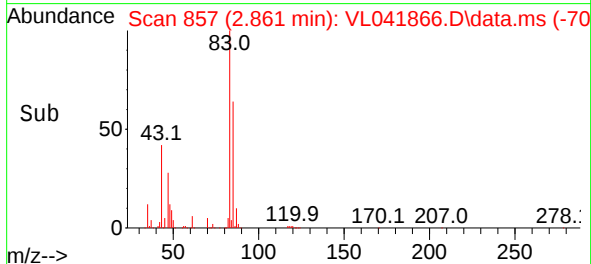
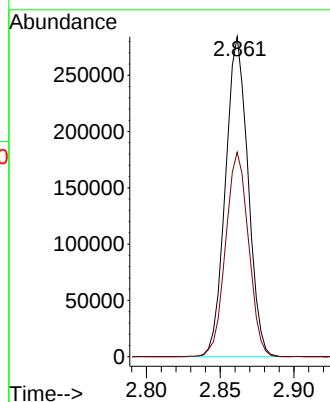
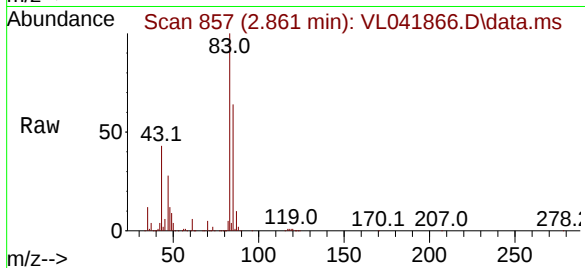
ClientSampleId :

Tgt Ion: 83 Resp: 302132

Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5



#30

Cyclohexane

Concen: 9.508 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

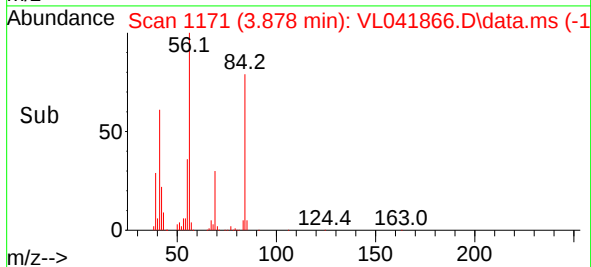
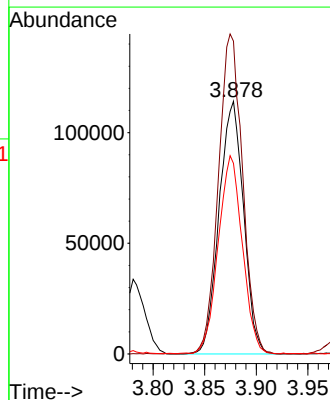
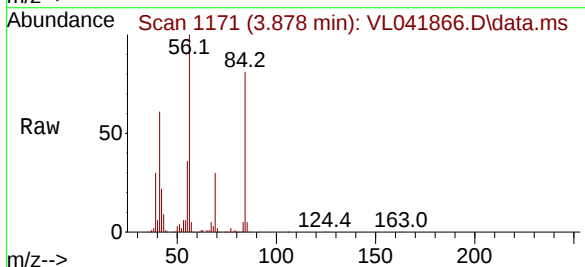
Tgt Ion: 84 Resp: 187848

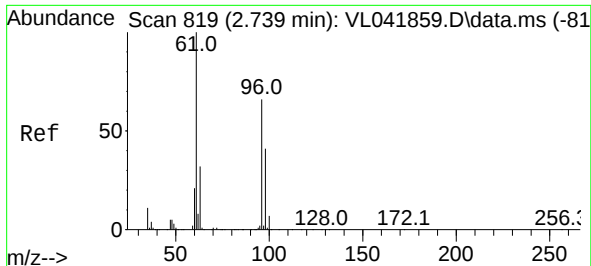
Ion Ratio Lower Upper

84 100

56 125.2 100.7 151.1

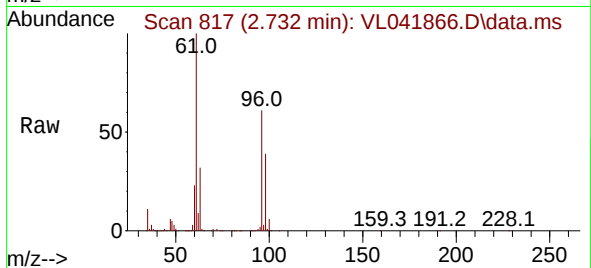
41 77.3 62.8 94.2



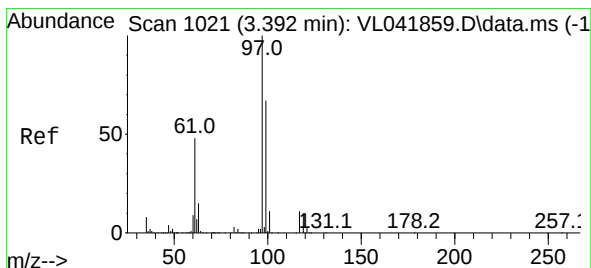
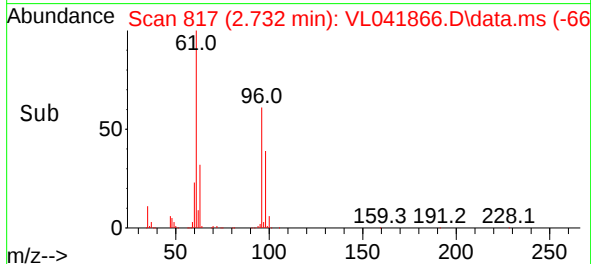
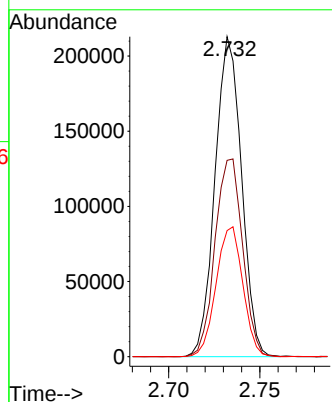


#31
 cis-1,2-Dichloroethene
 Concen: 9.604 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Instrument :
 MSVOA_L
 ClientSampleId :

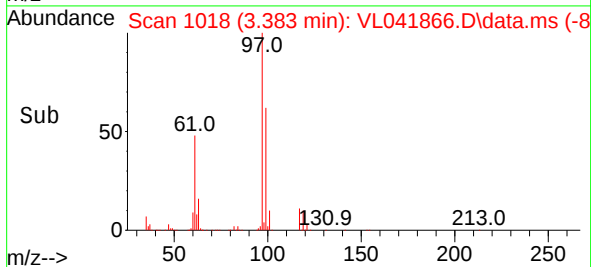
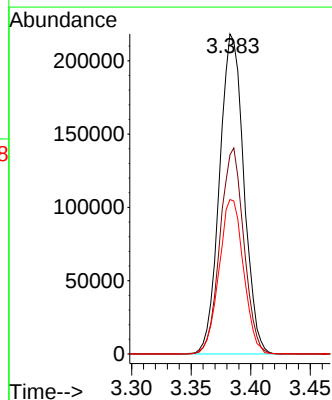
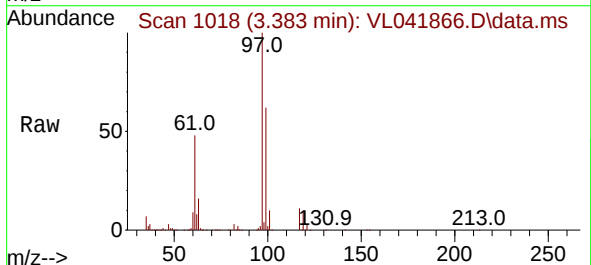


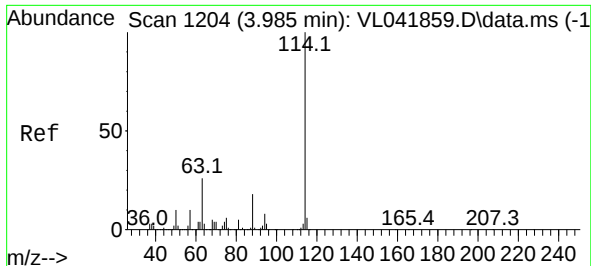
Tgt Ion: 61 Resp: 215939
 Ion Ratio Lower Upper
 61 100
 96 61.3 53.2 79.8
 98 39.4 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 9.654 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 97 Resp: 308704
 Ion Ratio Lower Upper
 97 100
 99 63.0 52.0 78.0
 61 48.8 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

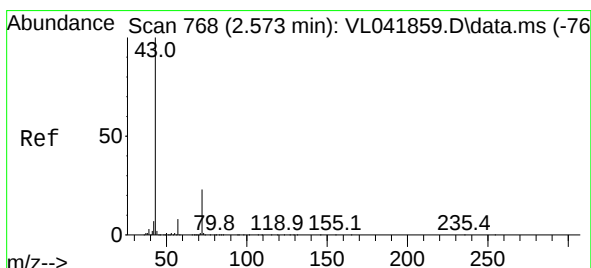
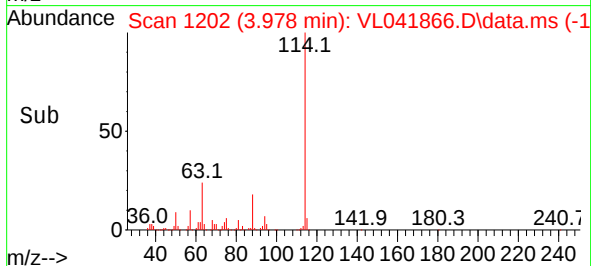
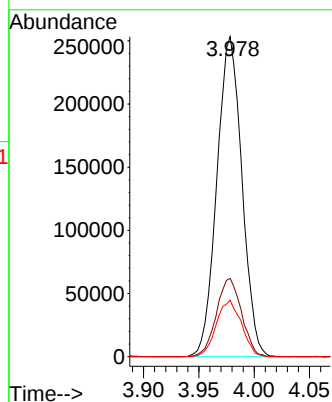
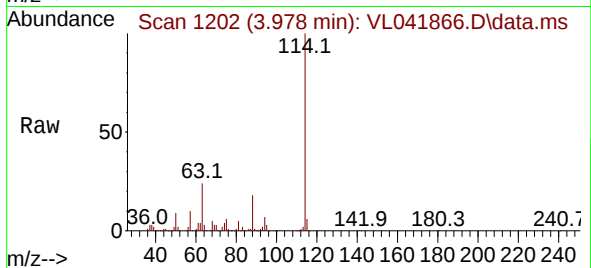
Tgt Ion:114 Resp: 399044

Ion Ratio Lower Upper

114 100

63 24.6 20.3 30.5

88 17.7 14.6 21.8



#34

2-Butanone

Concen: 9.209 ppbv

RT: 2.567 min Scan# 766

Delta R.T. -0.007 min

Lab File: VL041866.D

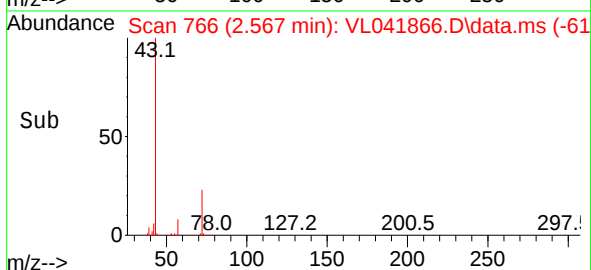
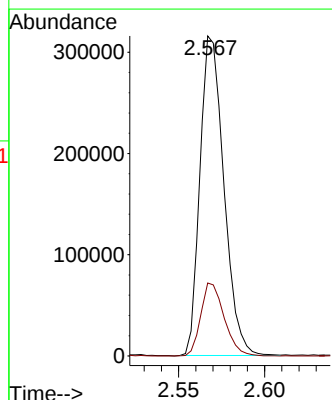
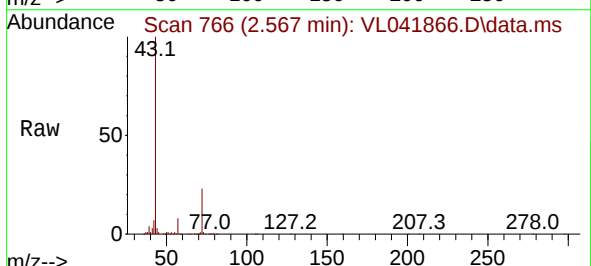
Acq: 09 Jan 2025 15:15

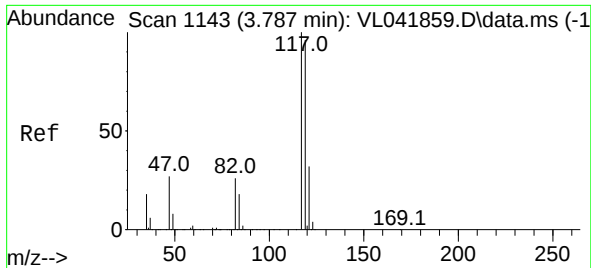
Tgt Ion: 43 Resp: 305484

Ion Ratio Lower Upper

43 100

72 22.3 18.5 27.7

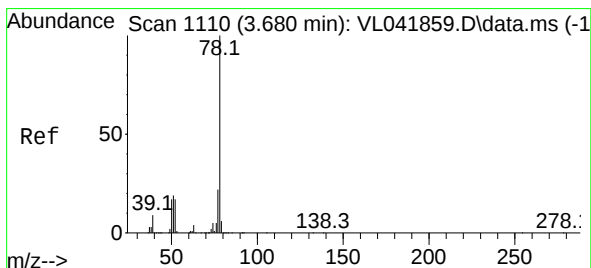
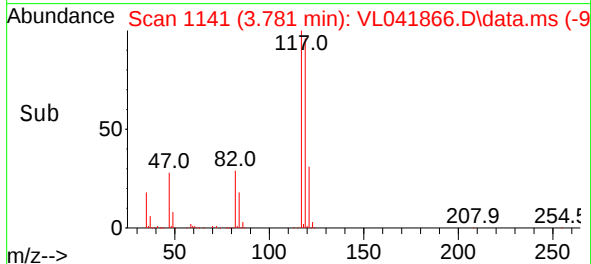
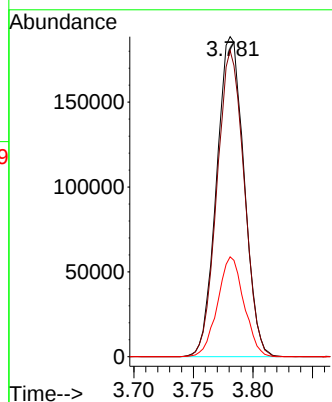
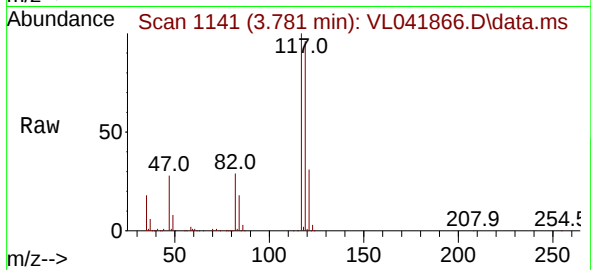




#35
Carbon Tetrachloride
Concen: 9.742 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

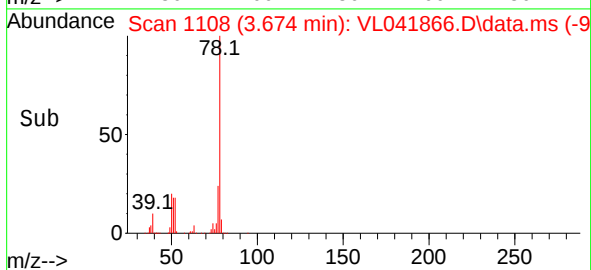
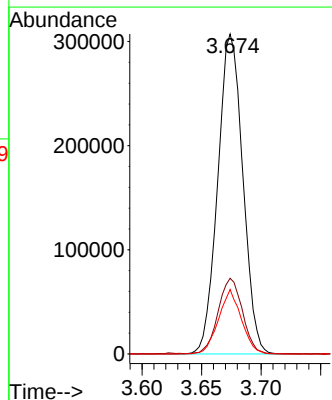
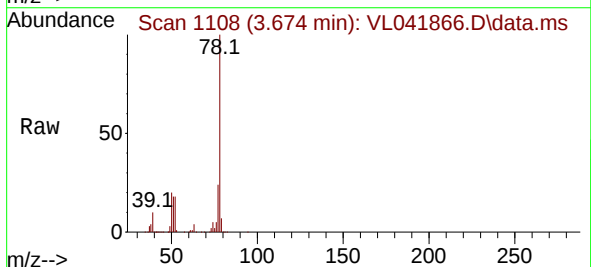
Instrument :
MSVOA_L
ClientSampleId :

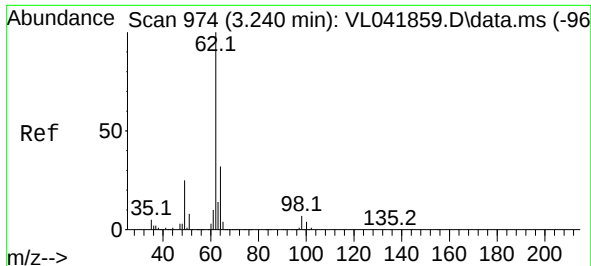
Tgt Ion:117 Resp: 302110
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3
121 31.2 25.9 38.9



#36
Benzene
Concen: 9.689 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion: 78 Resp: 448544
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9
50 20.1 13.7 20.5

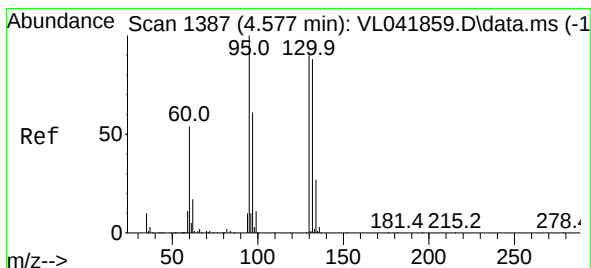
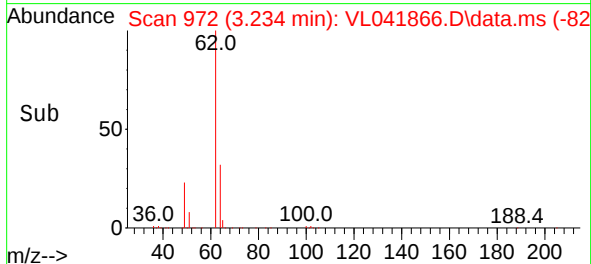
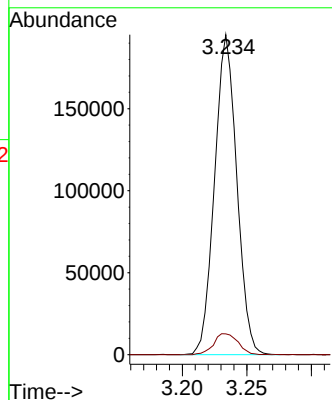
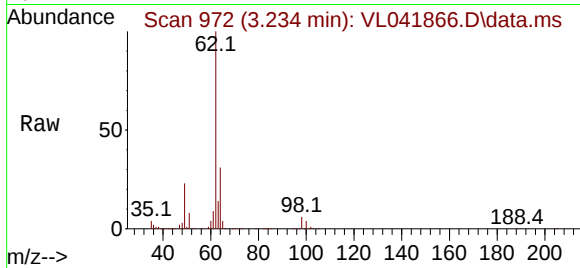




#37
1,2-Dichloroethane
Concen: 9.621 ppbv
RT: 3.234 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

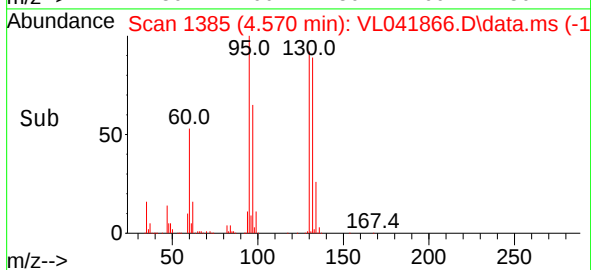
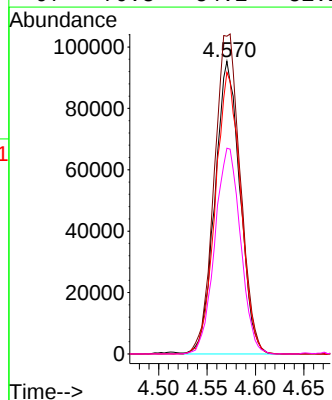
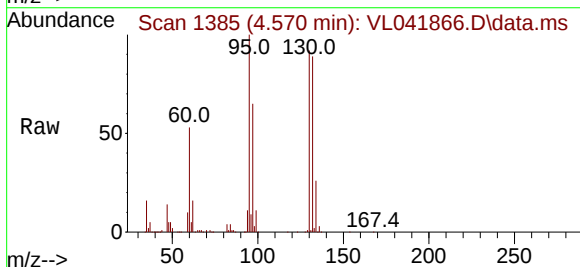
Instrument :
MSVOA_L
ClientSampleId :

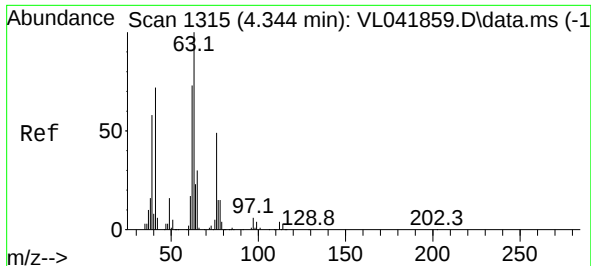
Tgt Ion: 62 Resp: 233663
Ion Ratio Lower Upper
62 100
98 7.2 5.6 8.4



#38
Trichloroethene
Concen: 9.393 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion:130 Resp: 171695
Ion Ratio Lower Upper
130 100
95 108.6 88.5 132.7
132 96.2 78.2 117.2
97 70.3 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.560 ppbv

RT: 4.334 min Scan# 1315

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

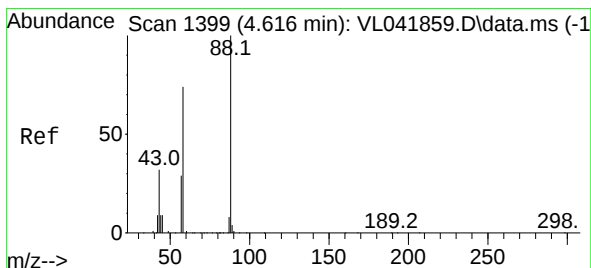
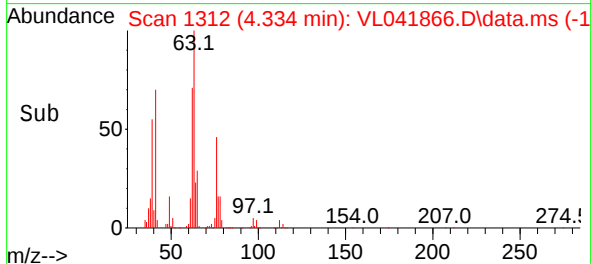
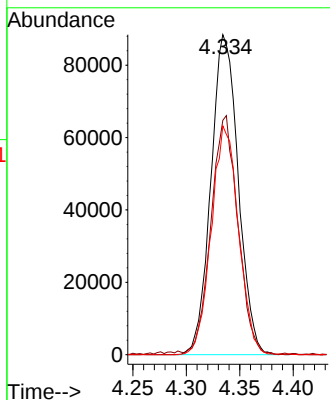
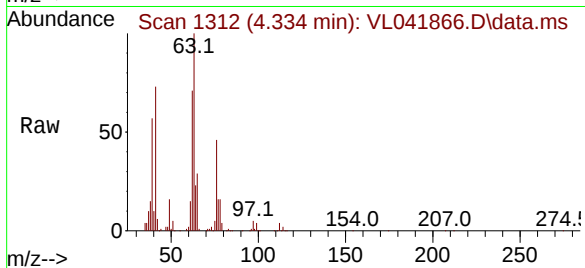
Tgt Ion: 63 Resp: 157431

Ion Ratio Lower Upper

63 100

41 73.1 58.0 87.0

62 71.4 58.6 87.8



#40

1,4-Dioxane

Concen: 8.937 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion: 88 Resp: 74011

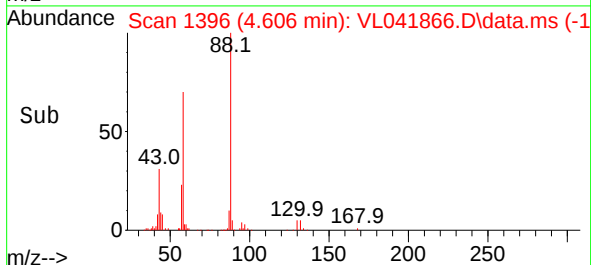
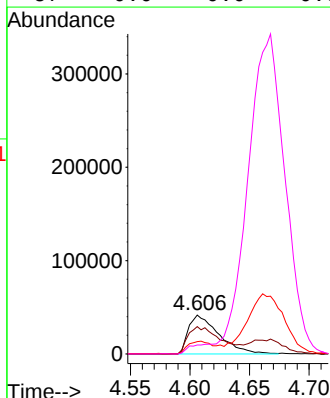
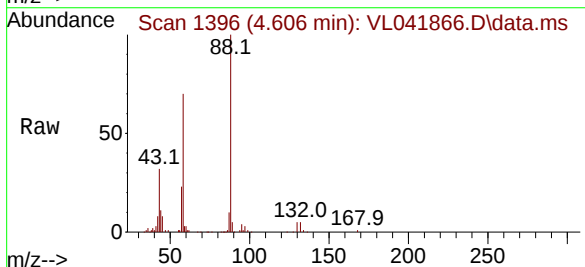
Ion Ratio Lower Upper

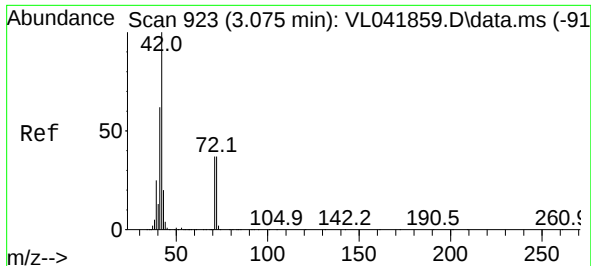
88 100

58 75.3 52.2 78.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.327 ppbv

RT: 3.069 min Scan# 91

Delta R.T. -0.006 min

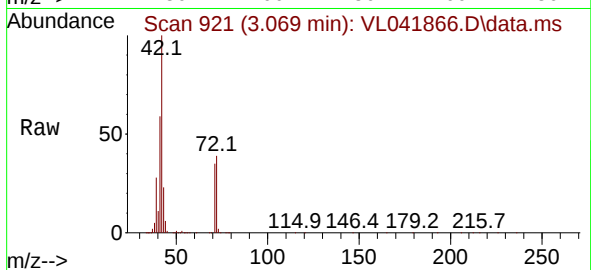
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

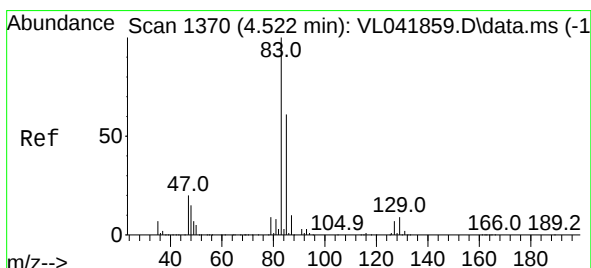
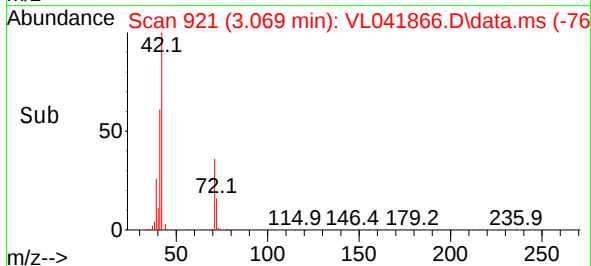
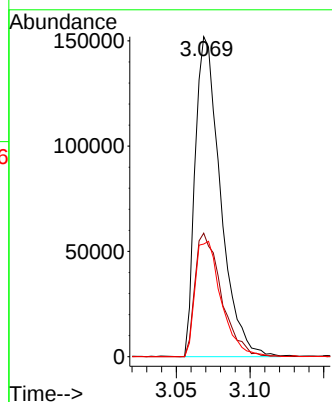
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	42	Resp:	181706
Ion	Ratio	Lower	Upper
42	100		
72	40.3	30.8	46.2
71	37.3	30.1	45.1



#42

Bromodichloromethane

Concen: 9.864 ppbv

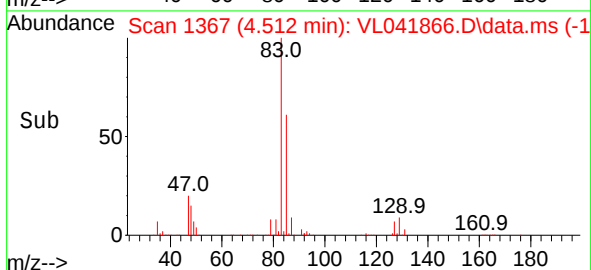
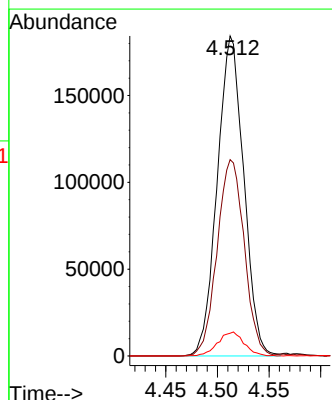
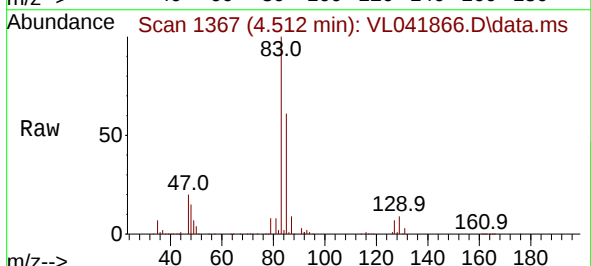
RT: 4.512 min Scan# 1367

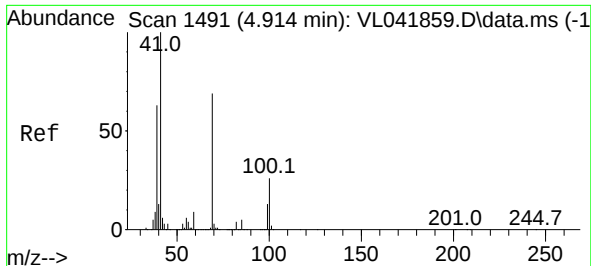
Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion:	83	Resp:	329142
Ion	Ratio	Lower	Upper
83	100		
85	61.3	48.9	73.3
127	7.1	5.4	8.2





#43

Methyl Methacrylate

Concen: 9.474 ppbv

RT: 4.907 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

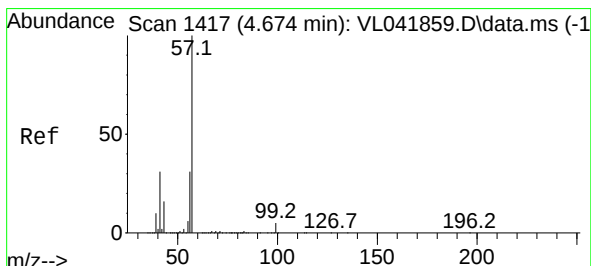
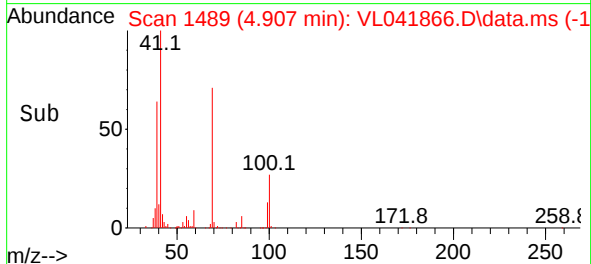
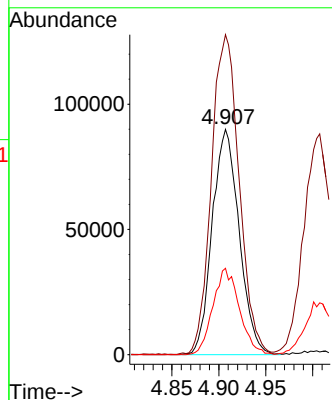
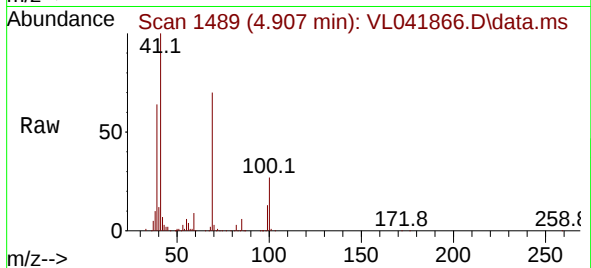
Tgt Ion: 69 Resp: 179603

Ion Ratio Lower Upper

69 100

41 145.8 116.2 174.4

100 37.5 29.8 44.8



#44

2,2,4-Trimethylpentane

Concen: 9.479 ppbv

RT: 4.668 min Scan# 1415

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

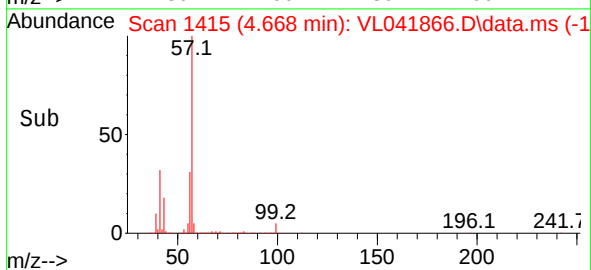
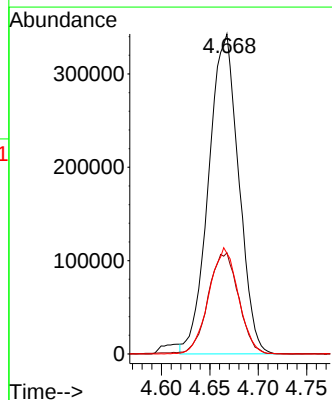
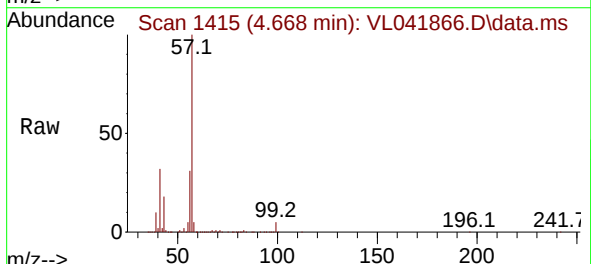
Tgt Ion: 57 Resp: 741253

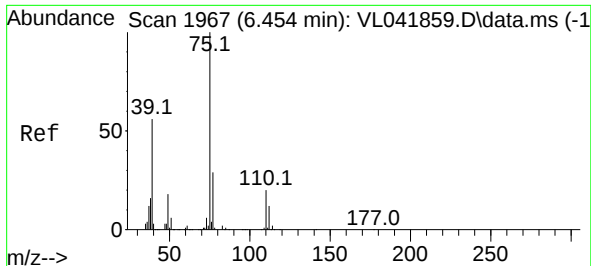
Ion Ratio Lower Upper

57 100

41 32.3 25.5 38.3

56 32.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 9.391 ppbv

RT: 6.444 min Scan# 1964

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

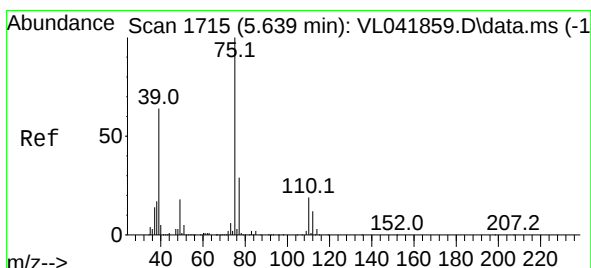
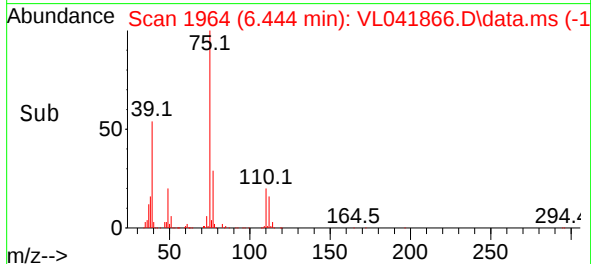
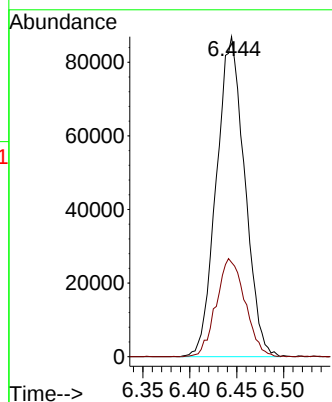
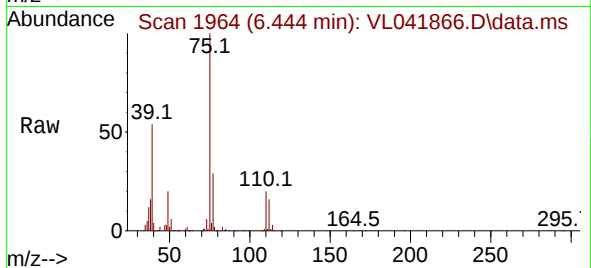
ClientSampleId :

Tgt Ion: 75 Resp: 182207

Ion Ratio Lower Upper

75 100

77 29.4 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 9.483 ppbv

RT: 5.632 min Scan# 1713

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

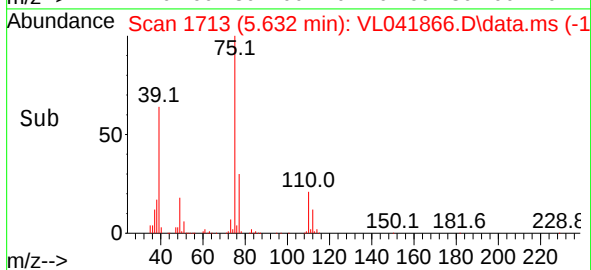
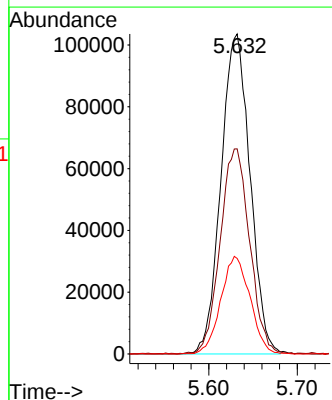
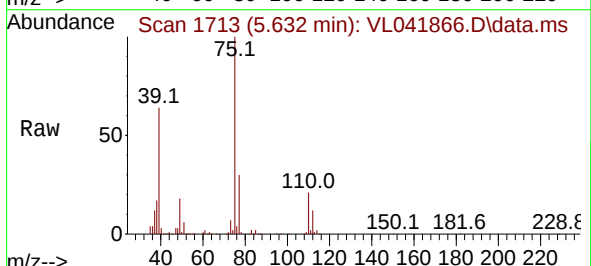
Tgt Ion: 75 Resp: 236106

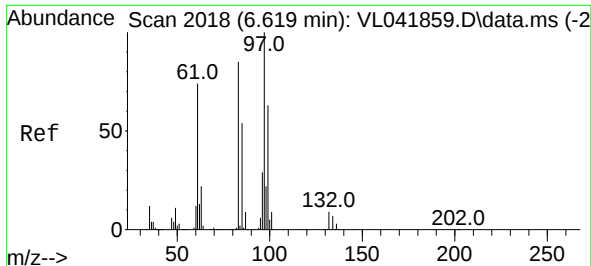
Ion Ratio Lower Upper

75 100

39 63.9 51.4 77.2

77 29.9 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 9.543 ppbv

RT: 6.610 min Scan# 2018

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 165331

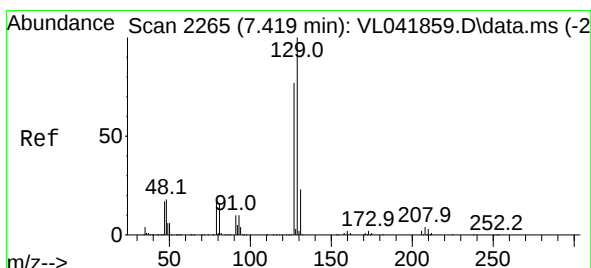
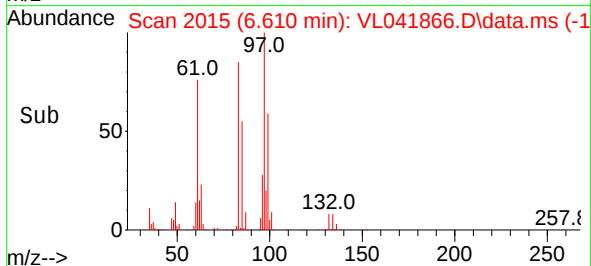
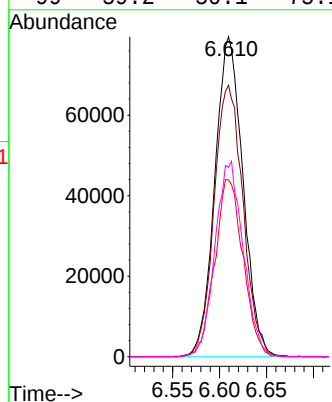
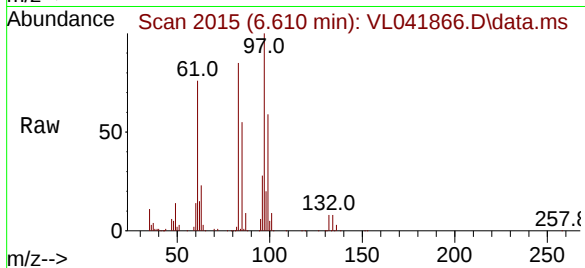
Ion Ratio Lower Upper

97 100

83 84.7 68.1 102.1

85 55.2 43.4 65.2

99 59.2 50.1 75.1



#48

Dibromochloromethane

Concen: 10.137 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.010 min

Lab File: VL041866.D

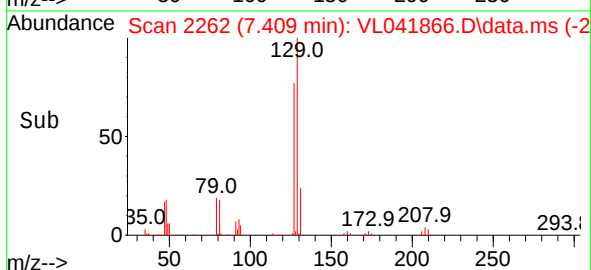
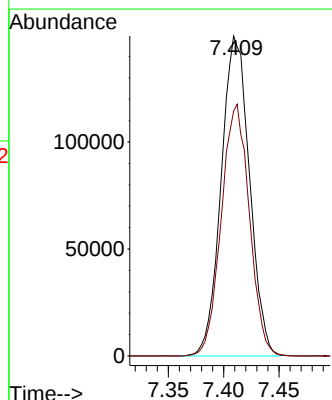
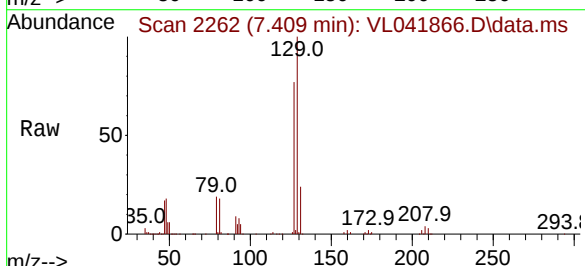
Acq: 09 Jan 2025 15:15

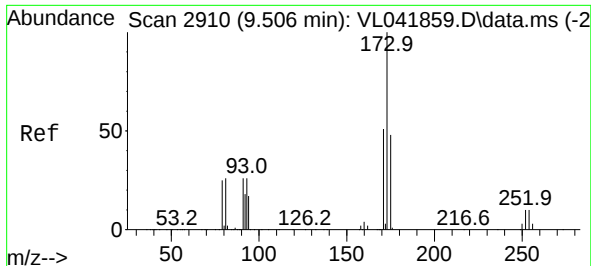
Tgt Ion:129 Resp: 266338

Ion Ratio Lower Upper

129 100

127 77.9 39.4 118.1

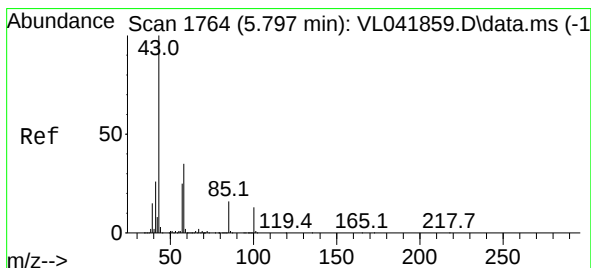
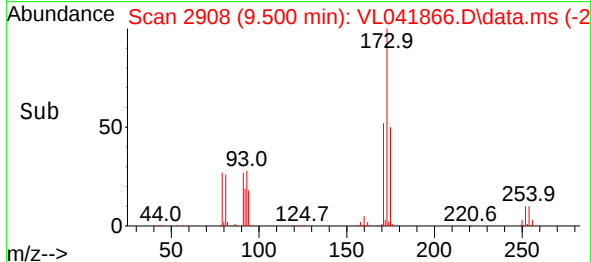
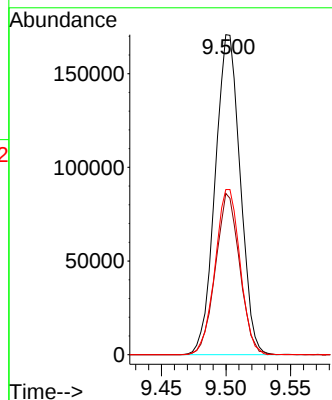
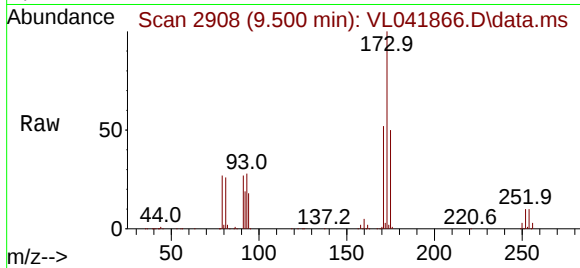




#49
 Bromoform
 Concen: 10.047 ppbv
 RT: 9.500 min Scan# 2910
 Delta R.T. -0.007 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

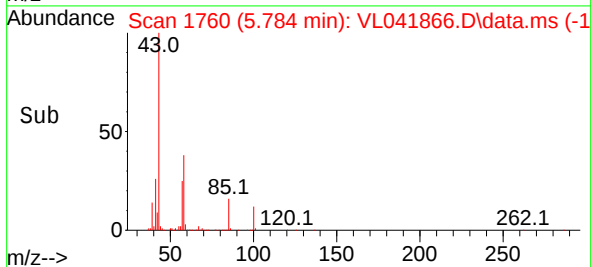
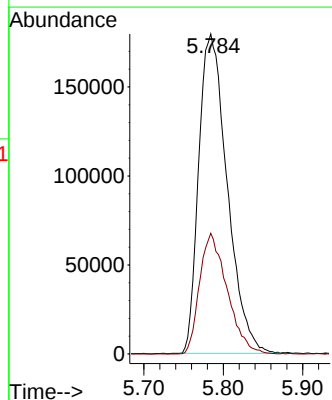
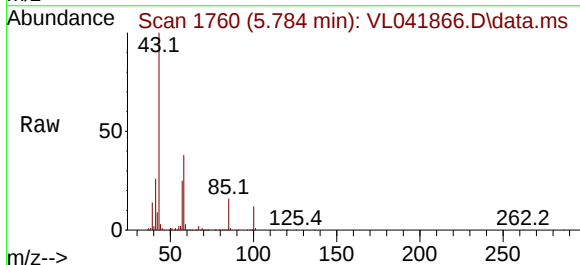
Instrument :
 MSVOA_L
 ClientSampleId :

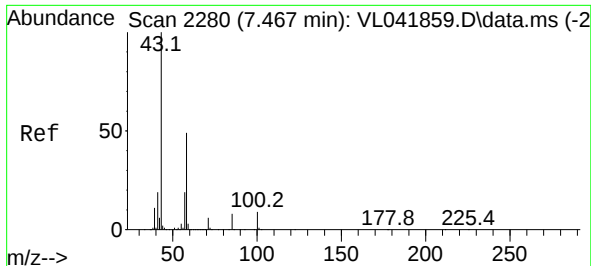
Tgt Ion:173 Resp: 230376
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.2 57.2
 171 51.6 41.3 61.9



#50
 4-Methyl-2-Pentanone
 Concen: 9.458 ppbv
 RT: 5.784 min Scan# 1760
 Delta R.T. -0.013 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 43 Resp: 447733
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.4 44.2

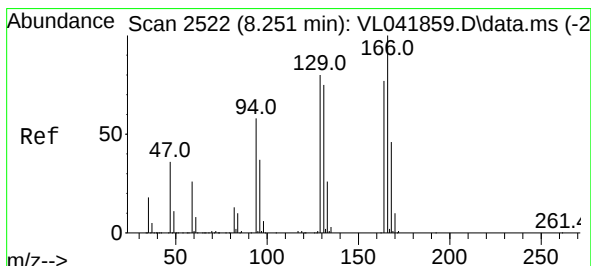
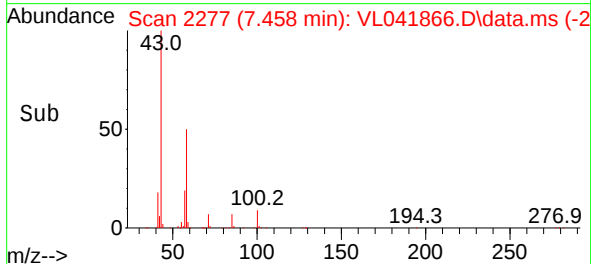
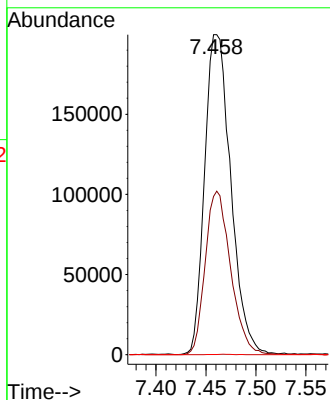
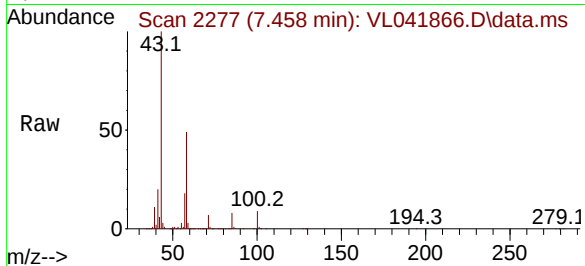




#51
 2-Hexanone
 Concen: 9.341 ppbv
 RT: 7.458 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

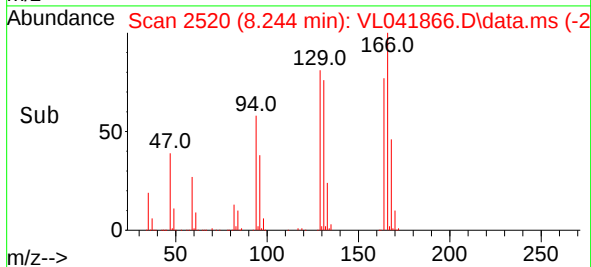
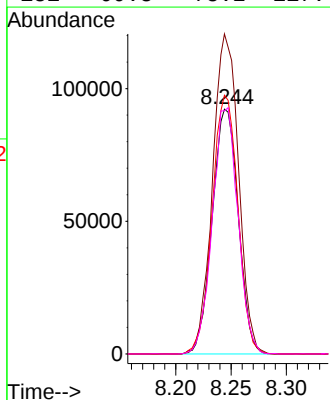
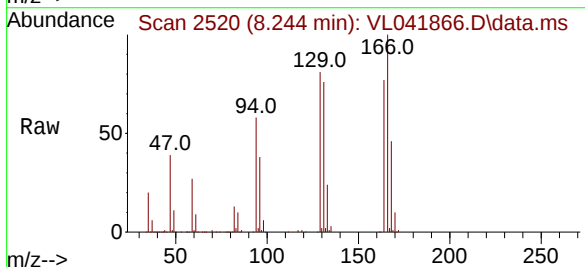
Instrument :
 MSVOA_L
 ClientSampleId :

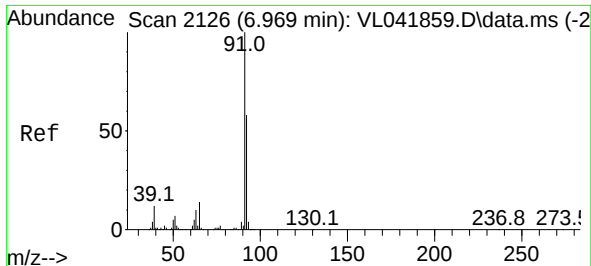
Tgt Ion: 43 Resp: 363718
 Ion Ratio Lower Upper
 43 100
 58 49.6 40.0 60.0
 98 0.1 0.1 0.1



#52
 Tetrachloroethene
 Concen: 8.536 ppbv
 RT: 8.244 min Scan# 2520
 Delta R.T. -0.006 min
 Lab File: VL041866.D
 Acq: 09 Jan 2025 15:15

Tgt Ion: 164 Resp: 151399
 Ion Ratio Lower Upper
 164 100
 166 130.7 103.6 155.4
 129 105.7 82.6 123.8
 131 99.3 78.2 117.4





#53

Toluene

Concen: 9.395 ppbv

RT: 6.959 min Scan# 2126

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

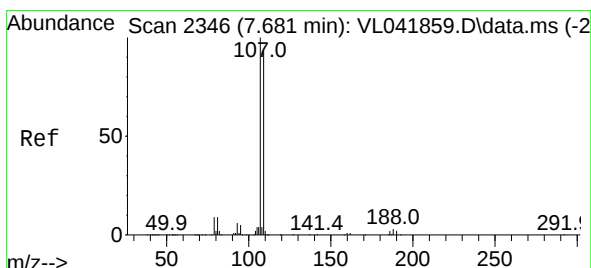
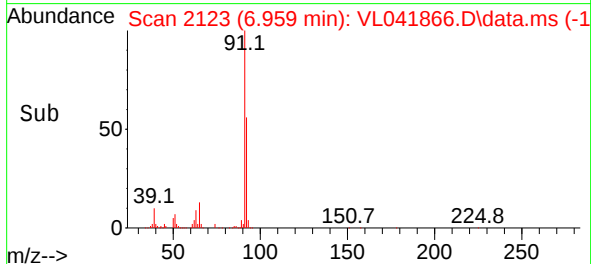
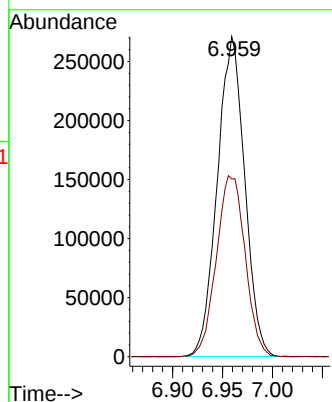
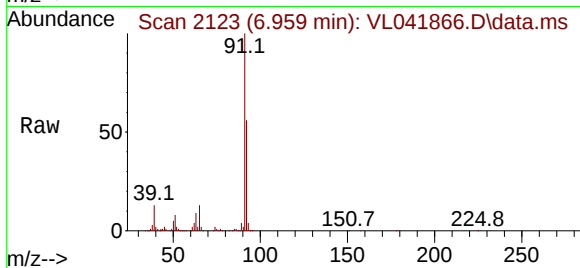
ClientSampleId :

Tgt Ion: 91 Resp: 517284

Ion Ratio Lower Upper

91 100

92 59.4 47.2 70.8



#54

1,2-Dibromoethane

Concen: 9.598 ppbv

RT: 7.674 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VL041866.D

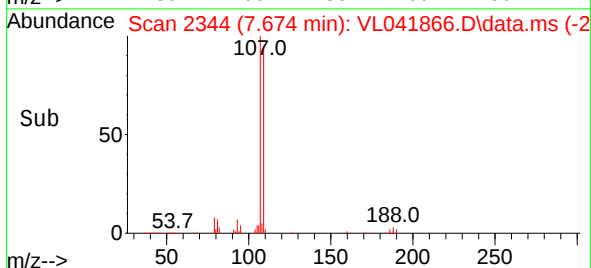
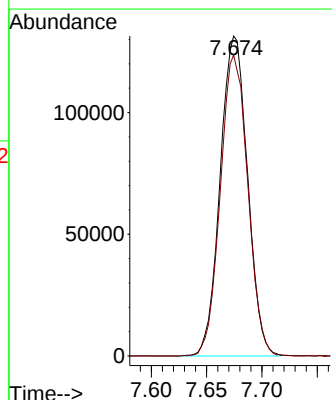
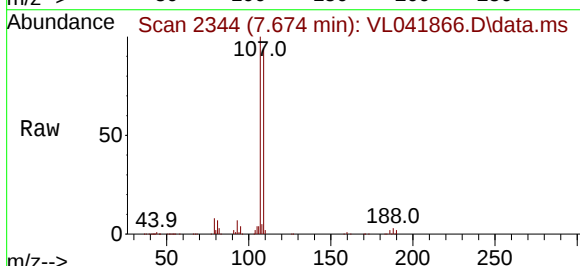
Acq: 09 Jan 2025 15:15

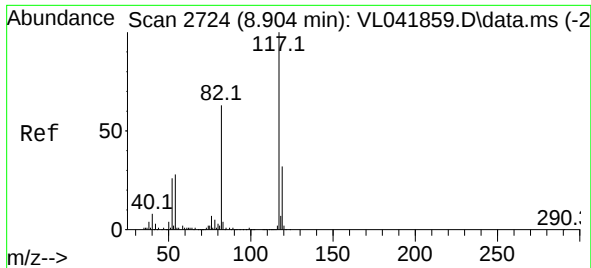
Tgt Ion: 107 Resp: 226153

Ion Ratio Lower Upper

107 100

109 94.1 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

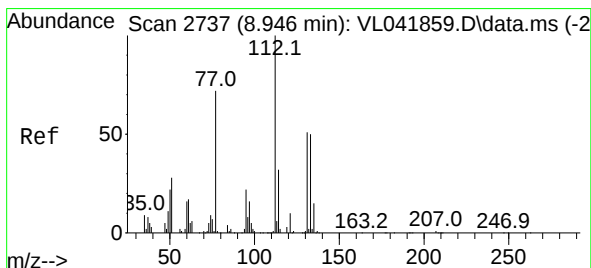
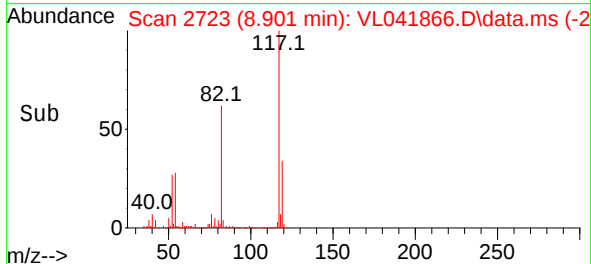
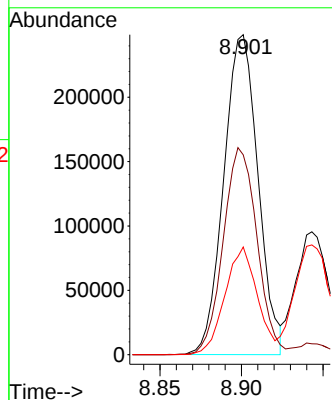
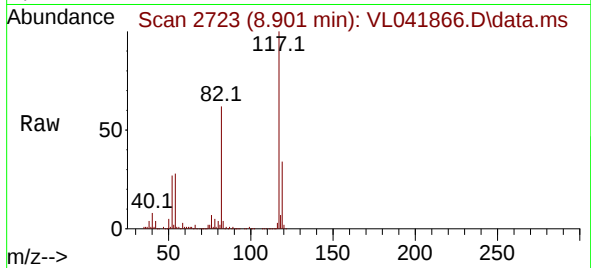
Tgt Ion:117 Resp: 363459

Ion Ratio Lower Upper

117 100

82 67.3 54.5 81.7

119 32.5 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 9.669 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

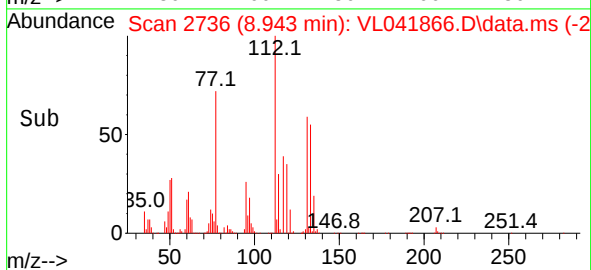
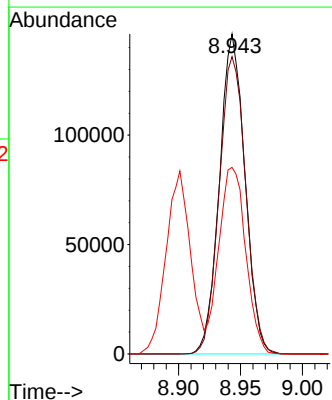
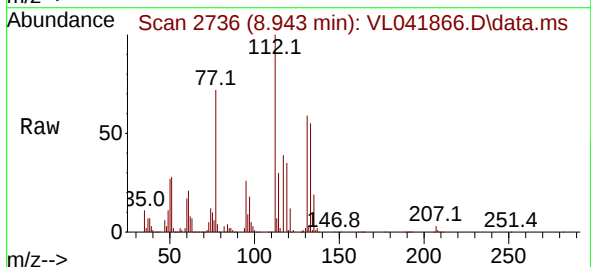
Tgt Ion:131 Resp: 209474

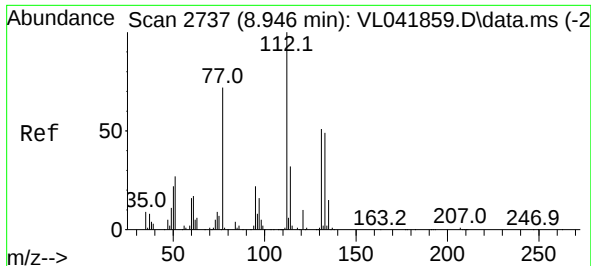
Ion Ratio Lower Upper

131 100

133 96.7 77.4 116.2

119 61.9 49.4 74.0





#57

Chlorobenzene

Concen: 9.470 ppbv

RT: 8.940 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

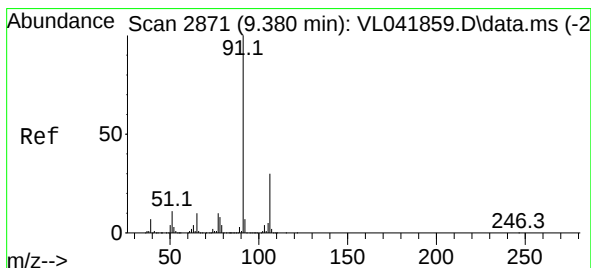
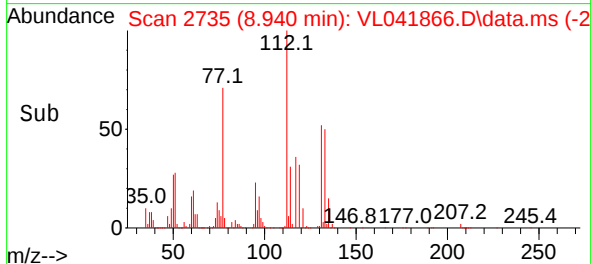
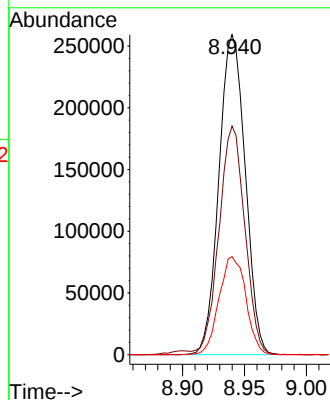
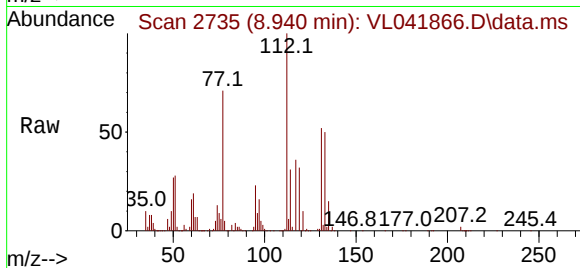
Tgt Ion:112 Resp: 383752

Ion Ratio Lower Upper

112 100

77 71.4 58.3 87.5

114 30.6 28.9 35.3



#58

Ethyl Benzene

Concen: 9.595 ppbv

RT: 9.374 min Scan# 2869

Delta R.T. -0.007 min

Lab File: VL041866.D

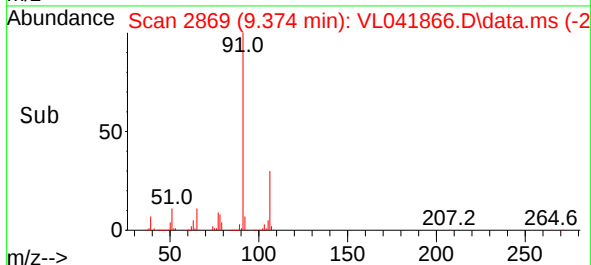
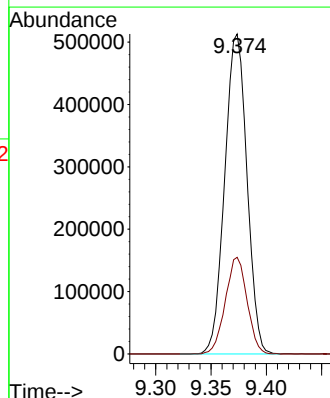
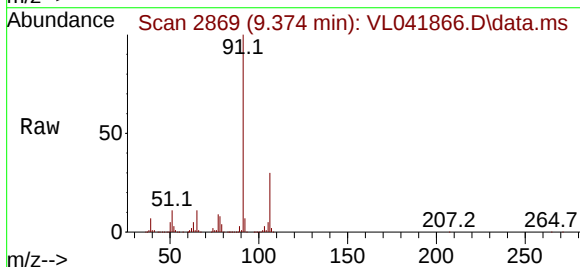
Acq: 09 Jan 2025 15:15

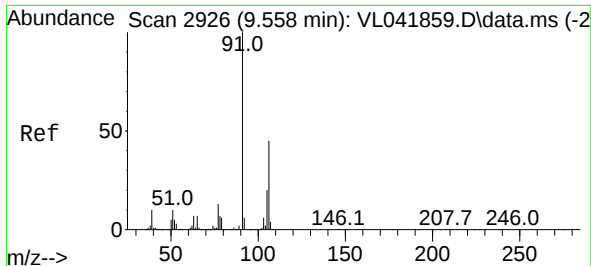
Tgt Ion: 91 Resp: 717041

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2





#59

m/p-Xylene

Concen: 9.741 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

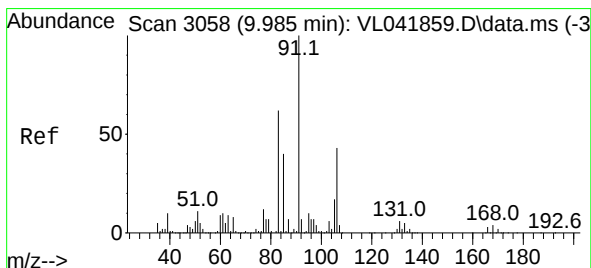
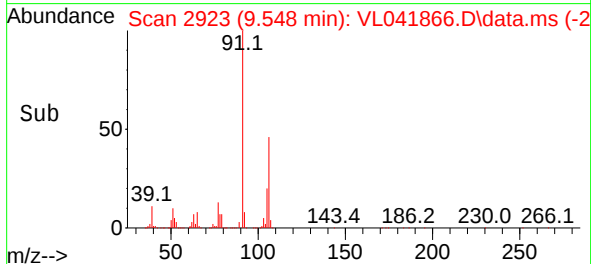
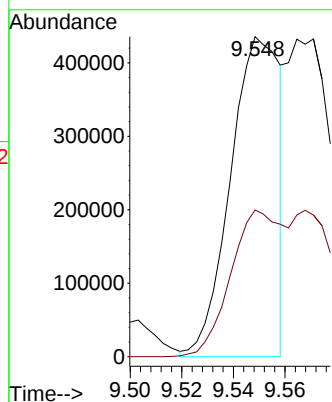
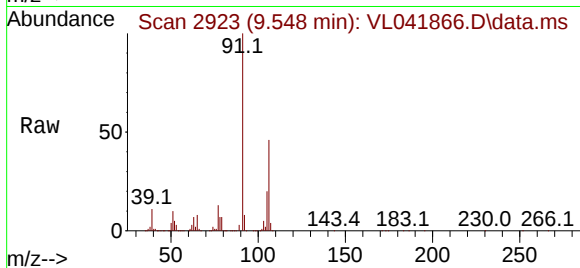
ClientSampleId :

Tgt Ion: 91 Resp: 575290

Ion Ratio Lower Upper

91 100

106 88.6 0.0 0.0#



#60

o-Xylene

Concen: 9.433 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. -0.003 min

Lab File: VL041866.D

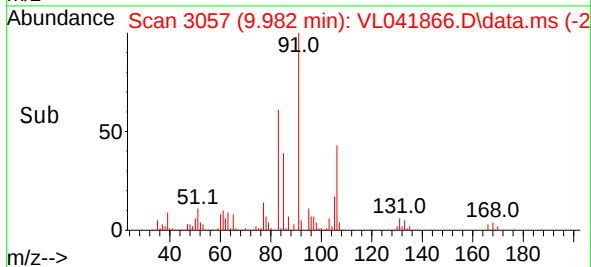
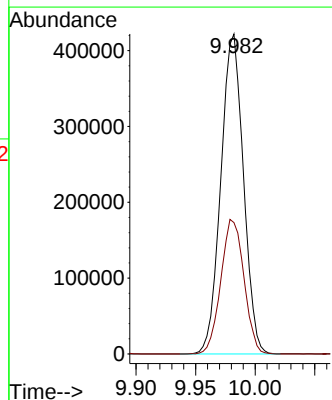
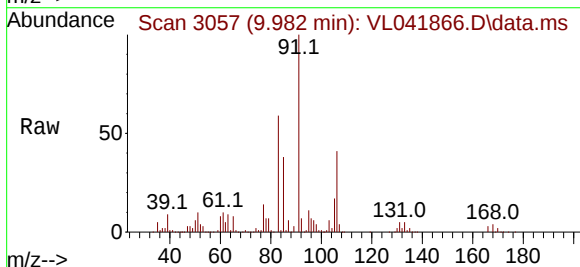
Acq: 09 Jan 2025 15:15

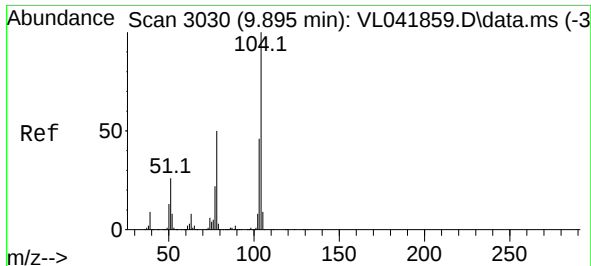
Tgt Ion: 91 Resp: 555689

Ion Ratio Lower Upper

91 100

106 43.0 21.4 64.3

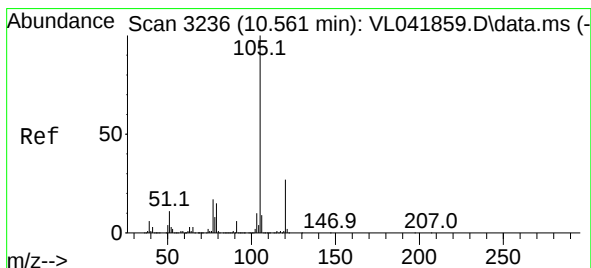
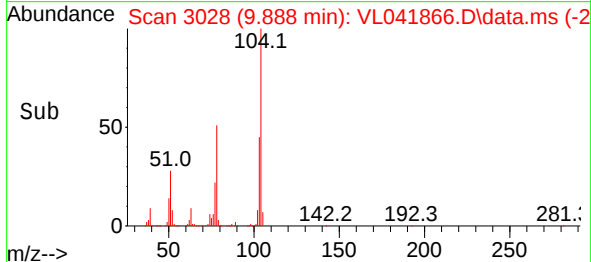
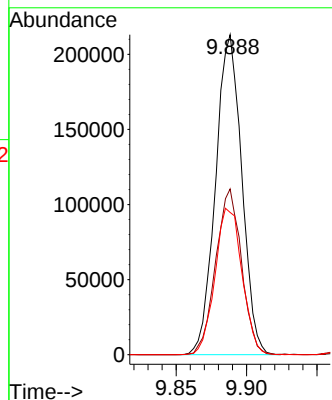
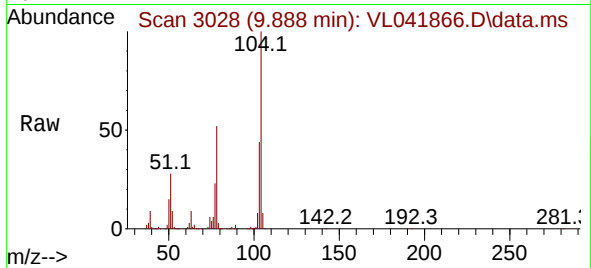




#61
Styrene
Concen: 9.385 ppbv
RT: 9.888 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

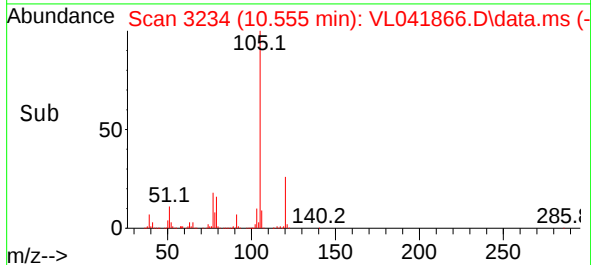
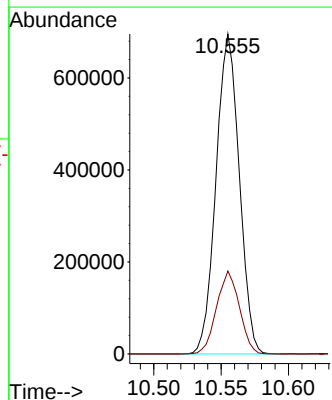
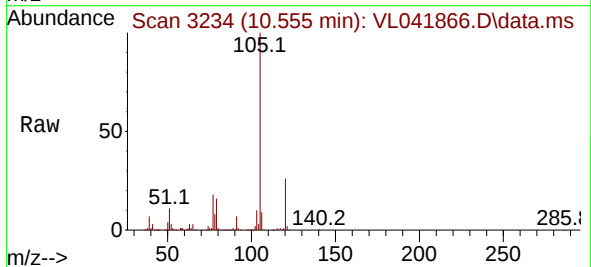
Instrument :
MSVOA_L
ClientSampleId :

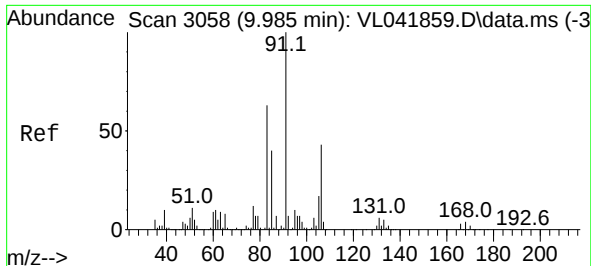
Tgt Ion:104 Resp: 276061
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 47.3 37.0 55.6



#62
Isopropylbenzene
Concen: 9.415 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion:105 Resp: 835024
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 9.252 ppbv

RT: 9.979 min Scan# 3058

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

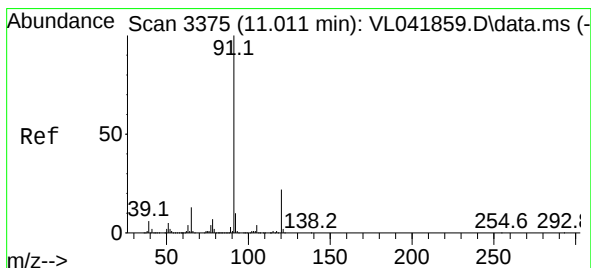
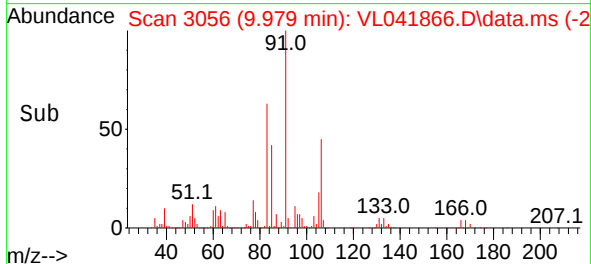
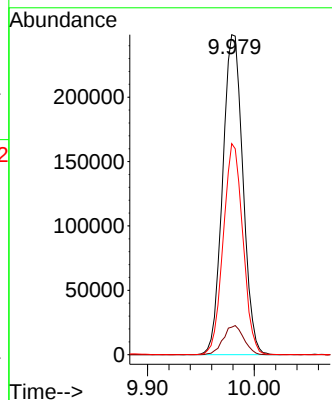
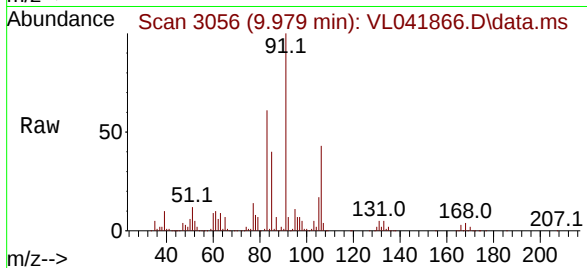
Tgt Ion: 83 Resp: 327345

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

85 64.0 32.1 96.3



#64

n-propylbenzene

Concen: 9.153 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. -0.010 min

Lab File: VL041866.D

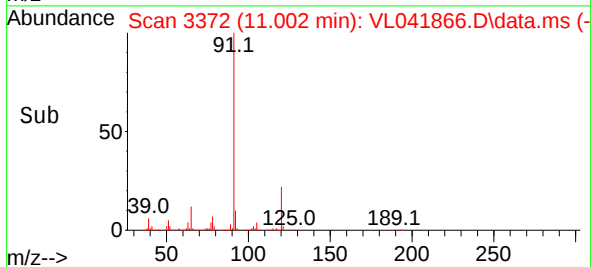
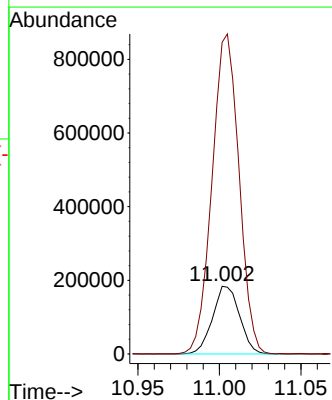
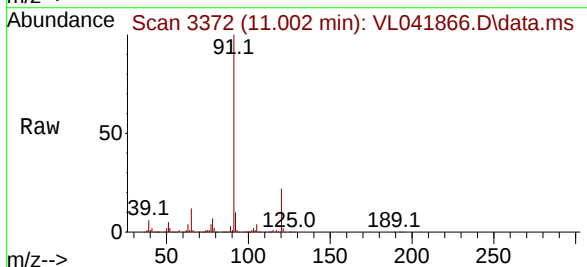
Acq: 09 Jan 2025 15:15

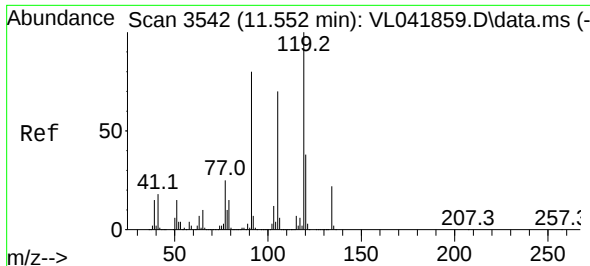
Tgt Ion:120 Resp: 211515

Ion Ratio Lower Upper

120 100

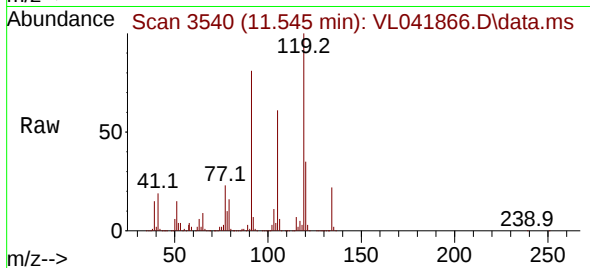
91 473.2 376.9 565.3



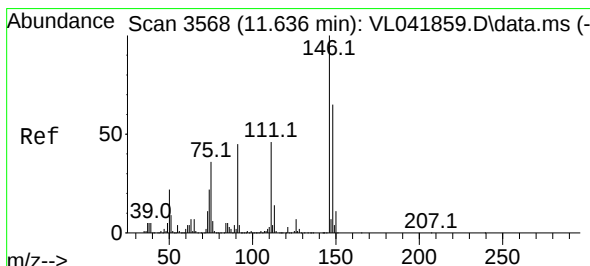
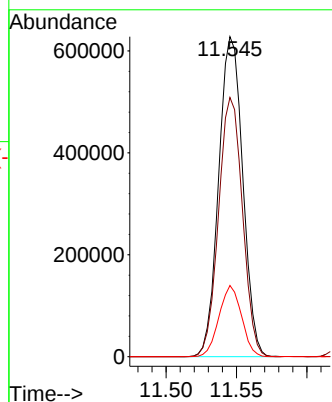
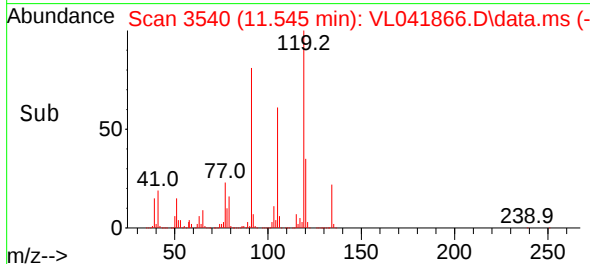


#65
tert-Butylbenzene
Concen: 9.315 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

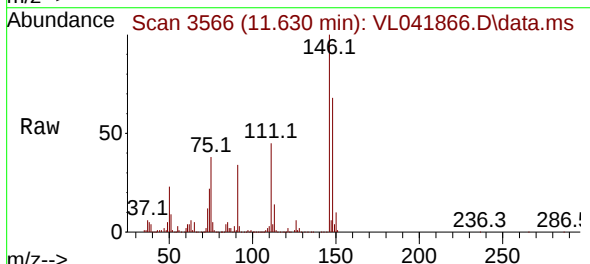
Instrument :
MSVOA_L
ClientSampleId :



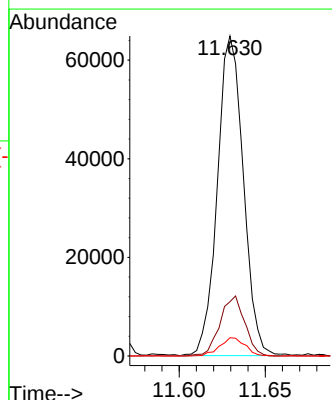
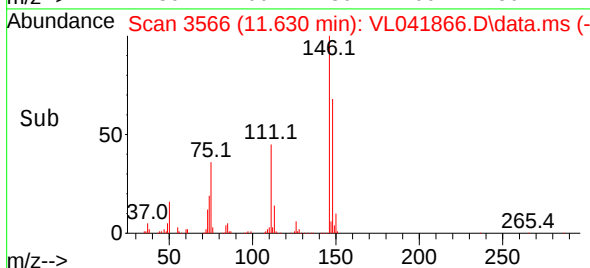
Tgt Ion:119 Resp: 747696
Ion Ratio Lower Upper
119 100
91 80.5 64.6 97.0
134 20.9 16.9 25.3

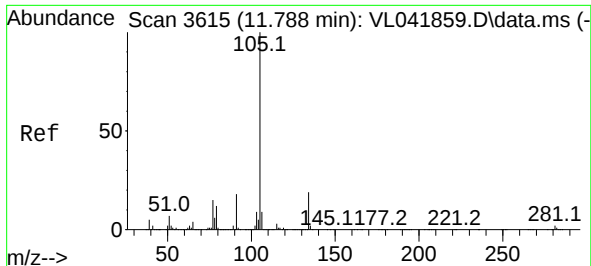


#66
Benzyl Chloride
Concen: 8.187 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



Tgt Ion: 91 Resp: 68070
Ion Ratio Lower Upper
91 100
126 17.8 13.9 20.9
128 5.6 4.8 7.2





#67

sec-Butylbenzene

Concen: 9.228 ppbv

RT: 11.782 min Scan# 3615

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

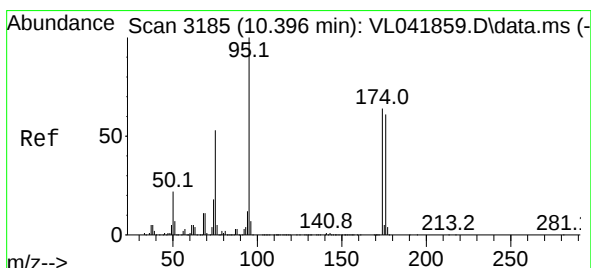
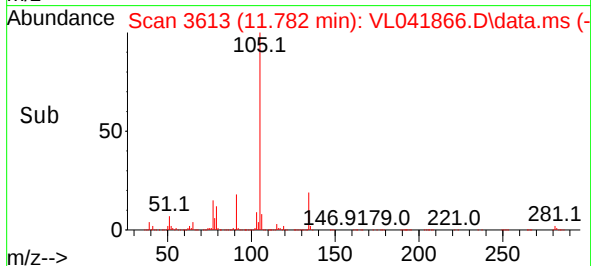
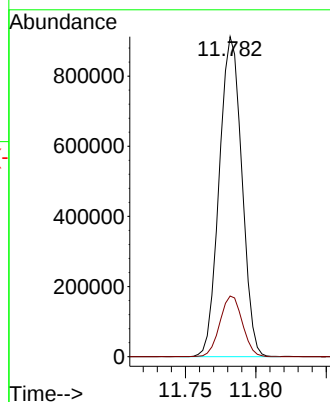
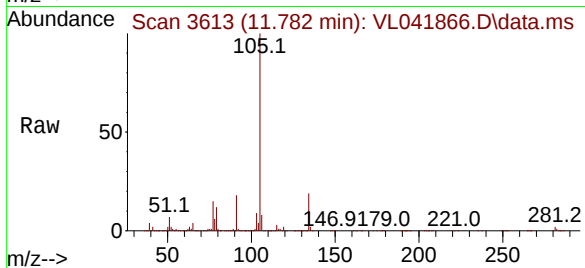
ClientSampleId :

Tgt Ion:105 Resp: 1020583

Ion Ratio Lower Upper

105 100

134 18.9 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 10.001 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

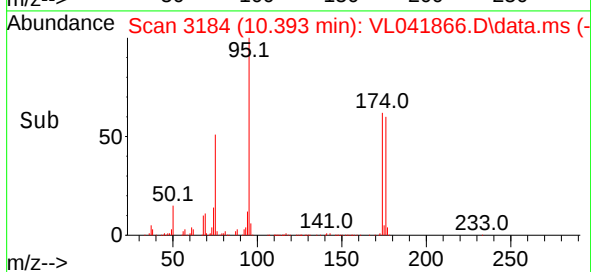
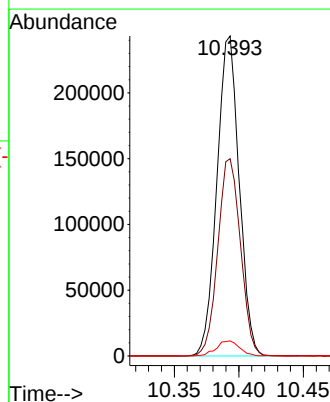
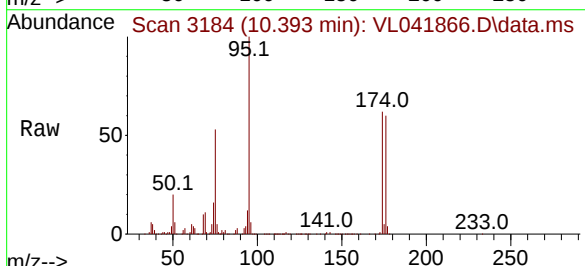
Tgt Ion: 95 Resp: 291470

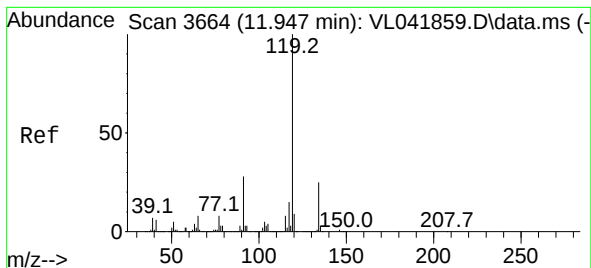
Ion Ratio Lower Upper

95 100

174 62.8 51.1 76.7

175 4.9 3.8 5.8





#69

p-Isopropyltoluene

Concen: 9.143 ppbv

RT: 11.940 min Scan# 3

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :

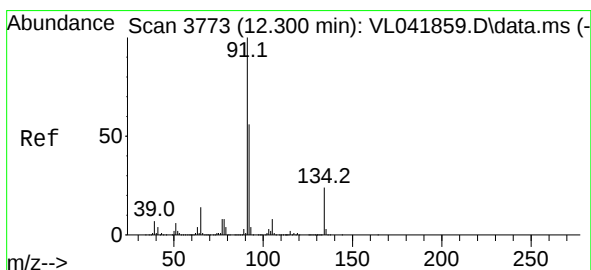
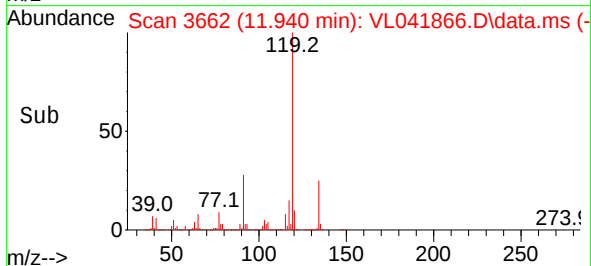
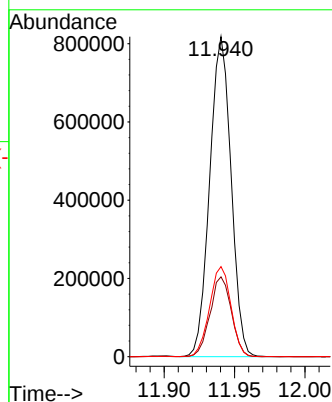
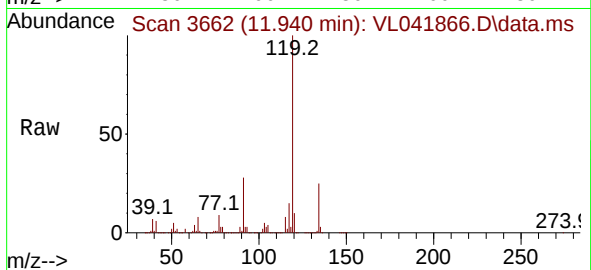
Tgt Ion:119 Resp: 862841

Ion Ratio Lower Upper

119 100

134 25.0 20.3 30.5

91 28.3 22.6 34.0



#70

n-Butylbenzene

Concen: 8.907 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. -0.003 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

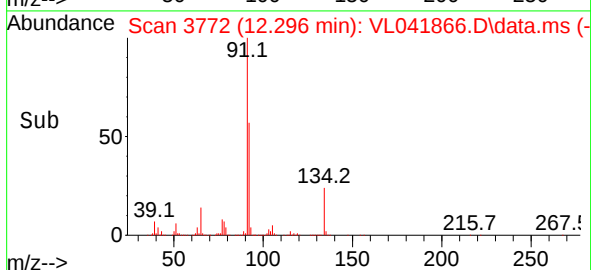
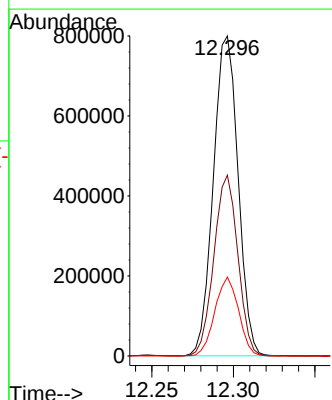
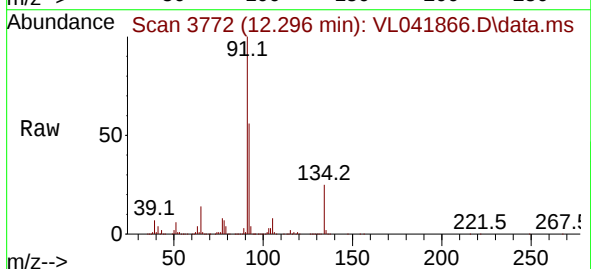
Tgt Ion: 91 Resp: 843727

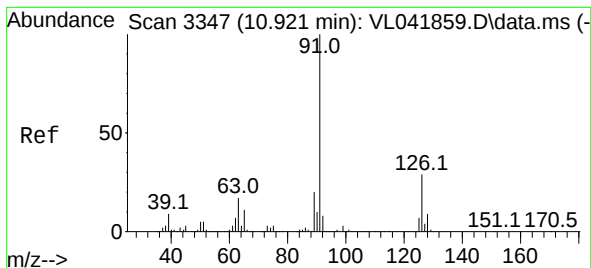
Ion Ratio Lower Upper

91 100

92 54.9 43.8 65.8

134 23.7 19.3 28.9

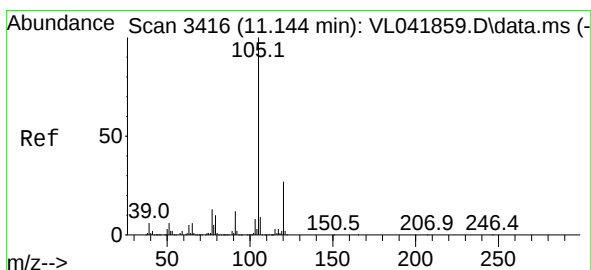
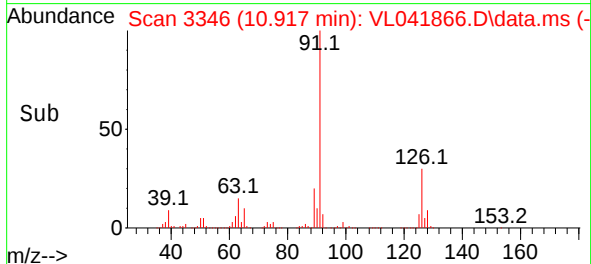
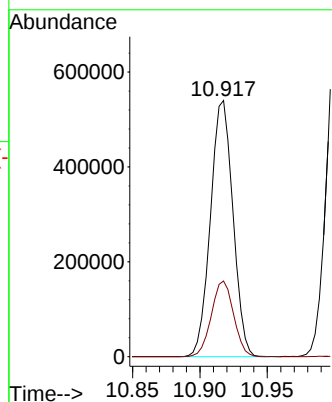
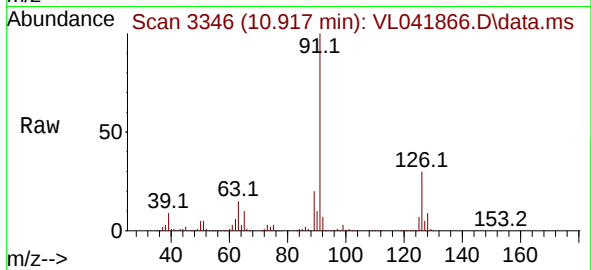




#71
2-Chlorotoluene
Concen: 9.116 ppbv
RT: 10.917 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

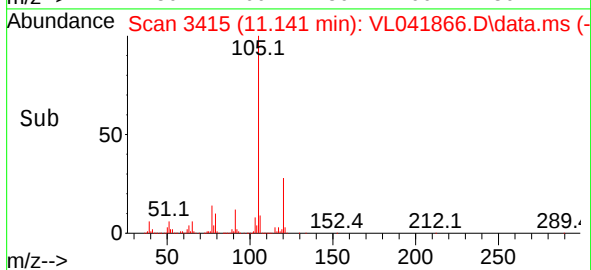
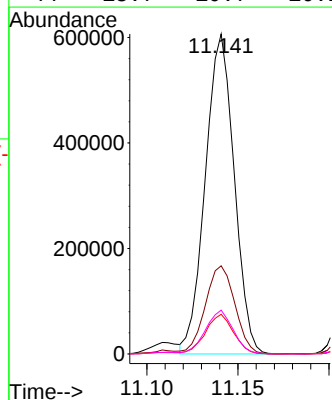
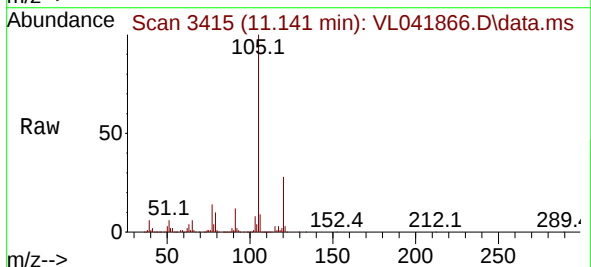
Instrument :
MSVOA_L
ClientSampleId :

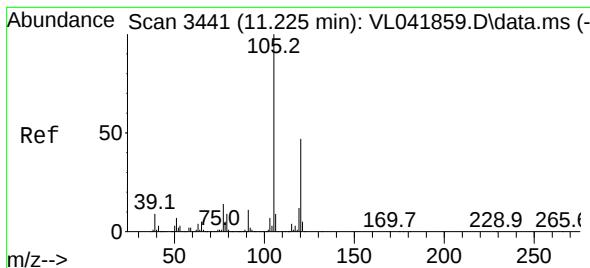
Tgt Ion: 91 Resp: 625951
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6



#72
4-Ethyltoluene
Concen: 9.254 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion:105 Resp: 668428
Ion Ratio Lower Upper
105 100
120 29.3 23.5 35.3
91 12.6 9.8 14.8
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 9.332 ppbv

RT: 11.218 min Scan# 3441

Delta R.T. -0.007 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

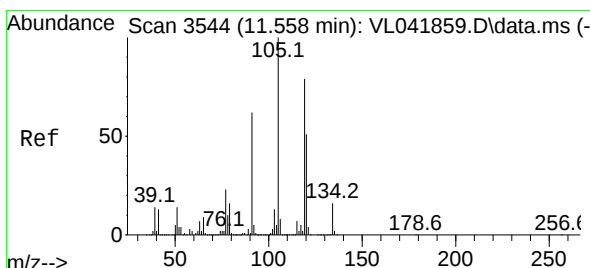
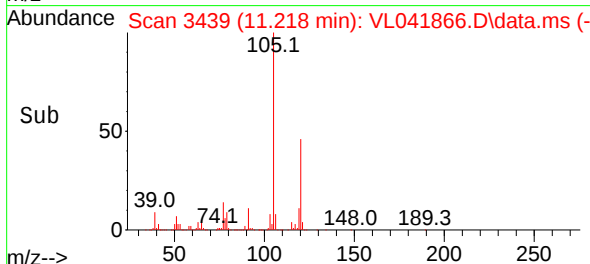
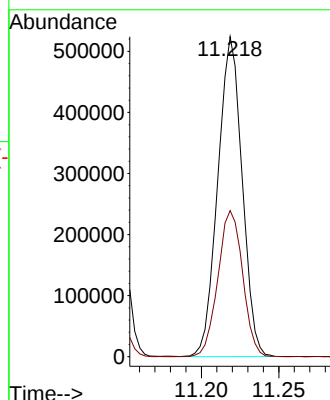
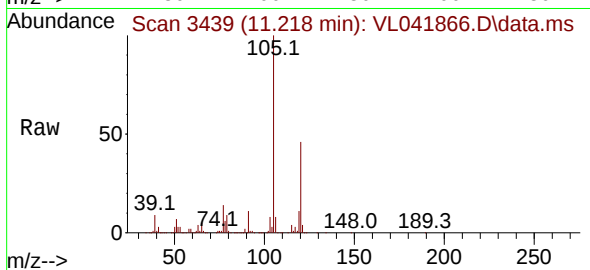
ClientSampleId :

Tgt Ion:105 Resp: 572229

Ion Ratio Lower Upper

105 100

120 45.6 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 9.114 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.006 min

Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Tgt Ion:105 Resp: 607041

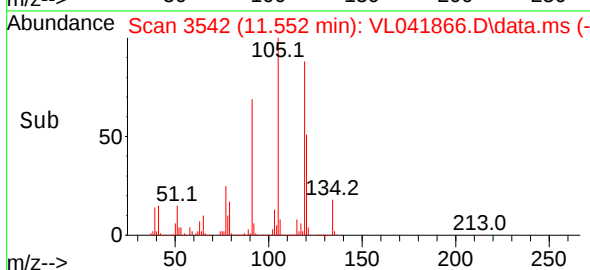
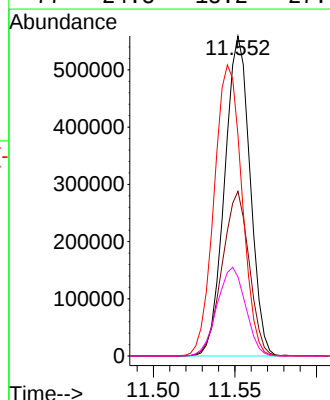
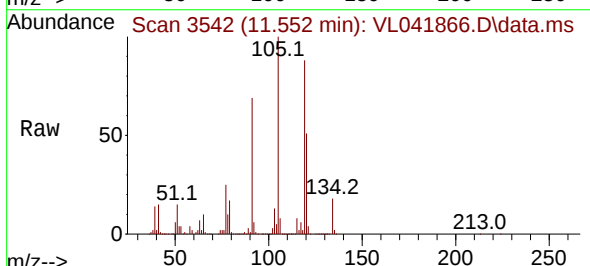
Ion Ratio Lower Upper

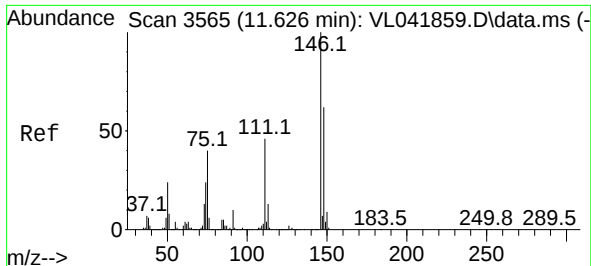
105 100

120 51.4 41.1 61.7

91 69.0 50.0 75.0

77 24.8 18.2 27.4

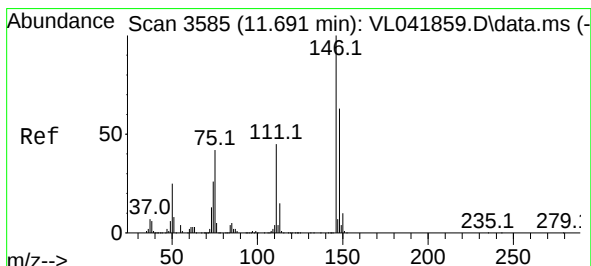
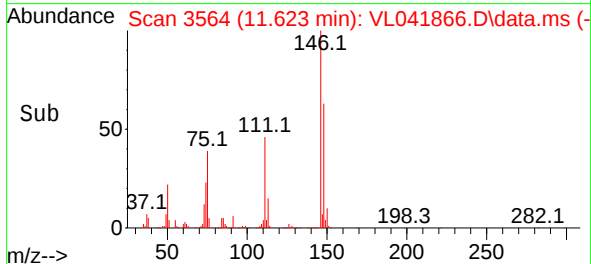
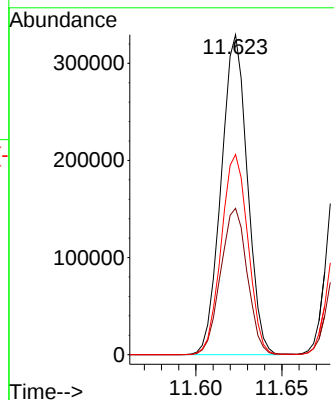
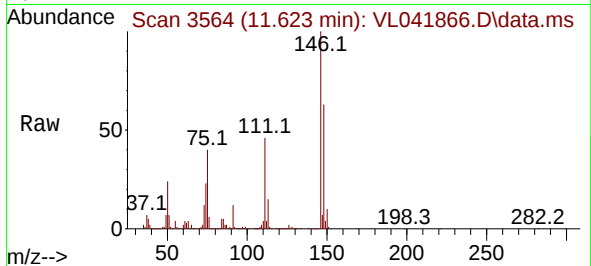




#75
1,3-Dichlorobenzene
Concen: 8.734 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

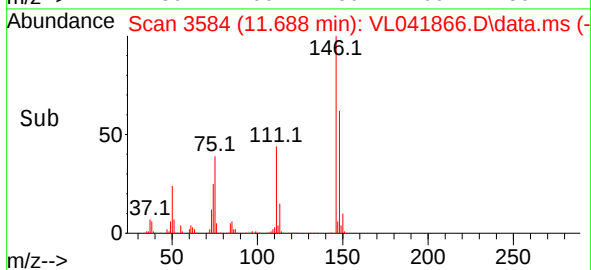
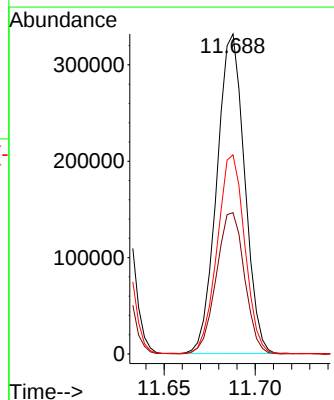
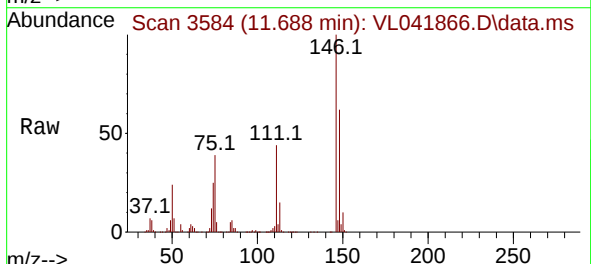
Instrument :
MSVOA_1
ClientSampleId :

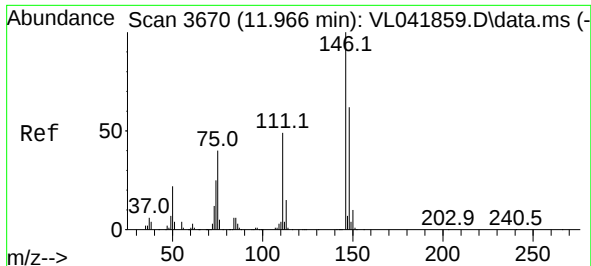
Tgt Ion:146 Resp: 348741
Ion Ratio Lower Upper
146 100
111 46.6 23.2 69.5
148 63.9 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 8.884 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

Tgt Ion:146 Resp: 351167
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.1
148 62.2 31.2 93.6

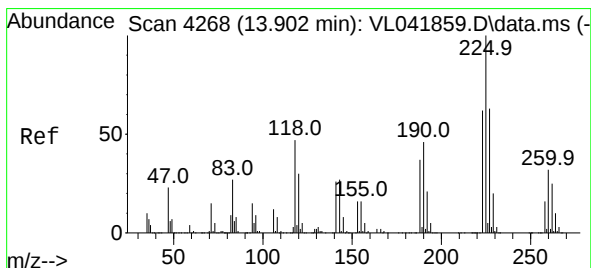
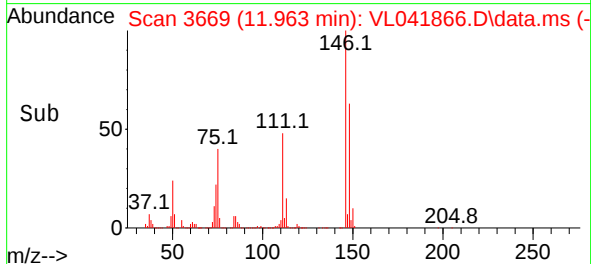
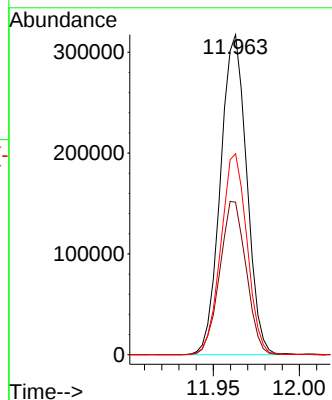
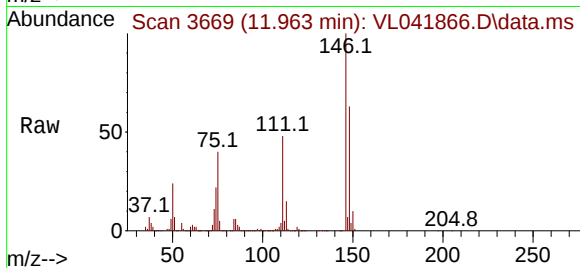




#77
1,2-Dichlorobenzene
Concen: 8.912 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

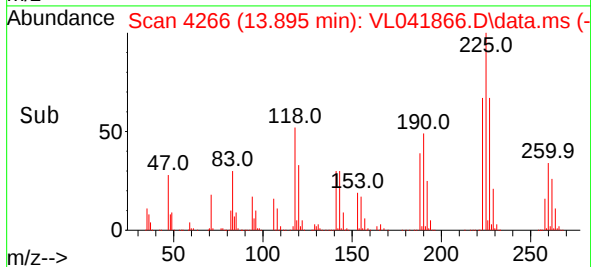
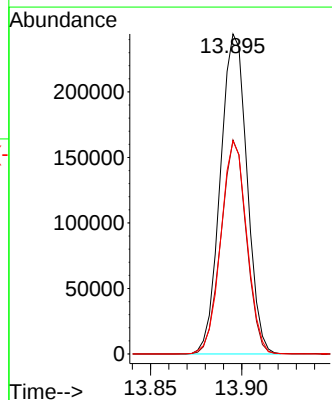
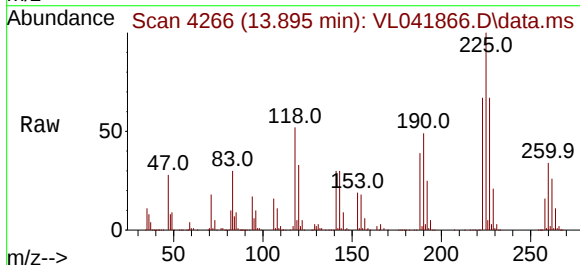
Instrument :
MSVOA_L
ClientSampleId :

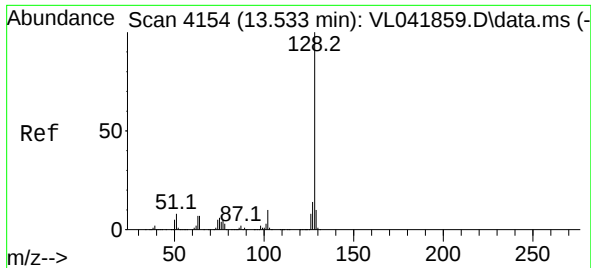
Tgt Ion:146 Resp: 336372
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.3
148 62.6 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 7.639 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

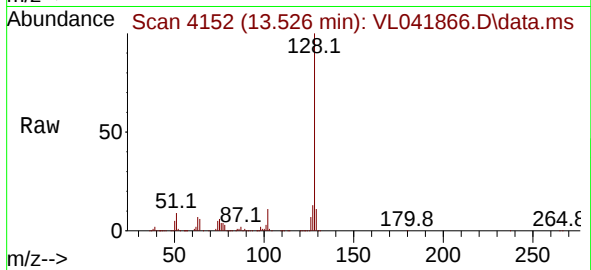
Tgt Ion:225 Resp: 247845
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 64.8 50.9 76.3



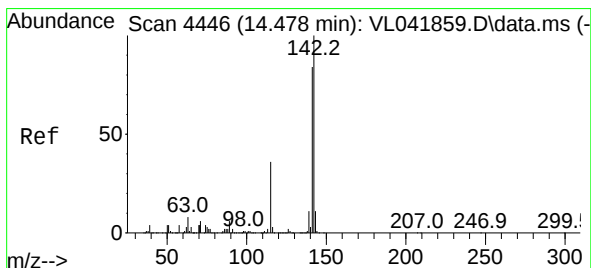
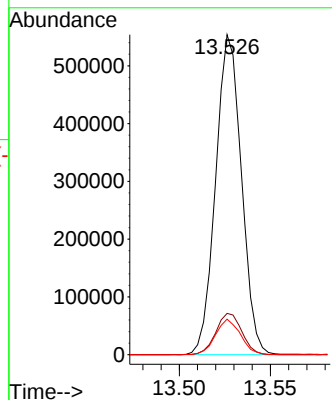
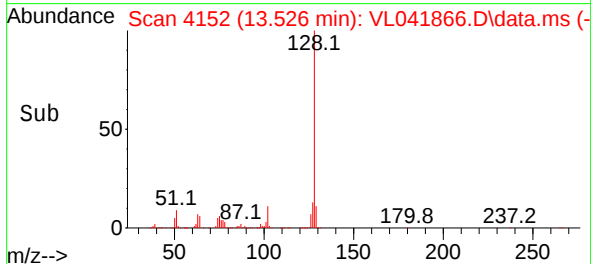


#79
Naphthalene
Concen: 7.583 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15

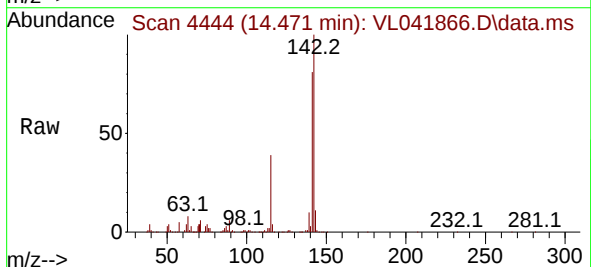
Instrument :
MSVOA_L
ClientSampleId :



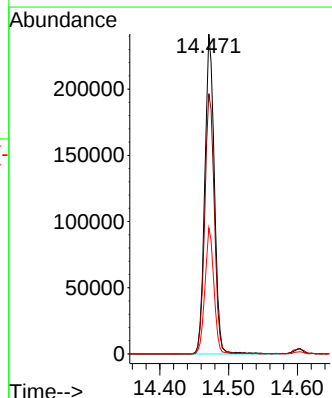
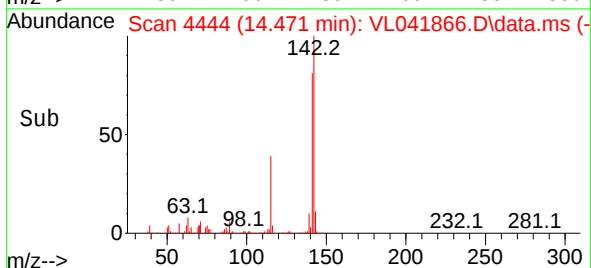
Tgt Ion:128 Resp: 544143
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.1 8.2 12.4

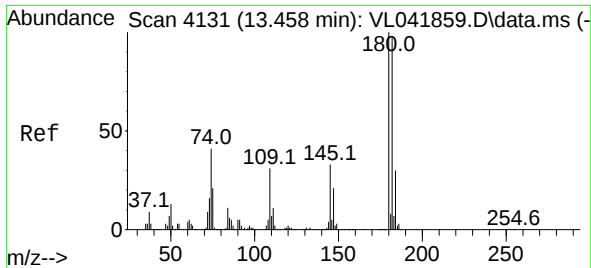


#80
Naphthalene,2-methyl-
Concen: 6.006 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.007 min
Lab File: VL041866.D
Acq: 09 Jan 2025 15:15



Tgt Ion:142 Resp: 232445
Ion Ratio Lower Upper
142 100
141 82.9 68.2 102.4
115 37.5 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 7.888 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.003 min

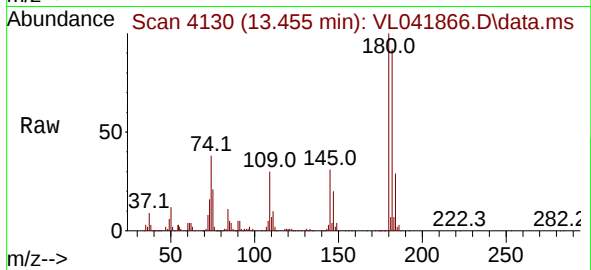
Lab File: VL041866.D

Acq: 09 Jan 2025 15:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 269501

Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.8

184 29.4 24.1 36.1

