

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041870.D
 Acq On : 09 Jan 2025 17:32
 Operator : SY/MD
 Sample : VL0109ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:42:45 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 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	122543	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	372014	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	340087	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	274569	10.069	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.505	85	214765	10.675	ppbv	99
3) Chlorodifluoromethane	1.483	51	219609	9.938	ppbv	98
4) Chloromethane	1.538	50	79635	10.183	ppbv	99
5) Vinyl Chloride	1.586	62	78642	9.456	ppbv	99
6) Bromomethane	1.674	94	37722	9.624	ppbv	98
7) Chloroethane	1.713	64	32686	10.139	ppbv	100
8) Dichlorotetrafluoroethane	1.560	85	180586	10.325	ppbv	98
9) Propene	1.489	41	97956	9.500	ppbv	100
10) Heptane	5.007	43	265739	9.773	ppbv	99
11) Trichlorofluoromethane	1.887	101	218631	10.573	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.149	101	176361	10.543	ppbv	96
13) Ethanol	1.729	45	6453	9.854	ppbv	95
14) Bromoethene	1.790	108	62928	10.509	ppbv	98
15) Acetone	1.842	43	174247	8.431	ppbv	97
16) 1,3-Butadiene	1.615	39	81413	9.171	ppbv	95
17) tert-Butyl alcohol	2.049	59	244537	10.428	ppbv	98
18) 1,1-Dichloroethene	2.043	96	78665	10.392	ppbv	99
19) Isopropyl Alcohol	1.894	45	102969	9.479	ppbv	99
20) Methylene Chloride	2.072	84	66435	9.423	ppbv	95
21) Allyl Chloride	2.107	41	132275	10.002	ppbv	98
22) trans-1,2-Dichloroethene	2.353	96	87608	9.995	ppbv	98
23) Vinyl Acetate	2.476	43	97489	9.309	ppbv #	98
24) 1,1-Dichloroethane	2.421	63	172510	10.392	ppbv #	98
25) Ethyl Acetate	2.852	43	523764	10.198	ppbv	99
26) Hexane	2.842	57	210453	9.961	ppbv	99
27) Carbon Disulfide	2.162	76	208581	10.307	ppbv	99
28) Methyl tert-Butyl Ether	2.454	73	131707	8.169	ppbv	98
29) Chloroform	2.865	83	302447	10.231	ppbv	96
30) Cyclohexane	3.878	84	180360	9.941	ppbv	98
31) cis-1,2-Dichloroethene	2.735	61	208408	10.094	ppbv	97
32) 1,1,1-Trichloroethane	3.386	97	305295	10.396	ppbv	99
34) 2-Butanone	2.570	43	301434	9.747	ppbv	99
35) Carbon Tetrachloride	3.784	117	300238	10.385	ppbv	98
36) Benzene	3.677	78	433563	10.046	ppbv	98
37) 1,2-Dichloroethane	3.237	62	233267	10.302	ppbv	100
38) Trichloroethene	4.574	130	105456	6.189	ppbv	96
39) 1,2-Dichloropropane	4.337	63	152646	9.943	ppbv	97
40) 1,4-Dioxane	4.613	88	69319	8.979	ppbv #	87
41) Tetrahydrofuran	3.072	42	169639	9.340	ppbv	96
42) Bromodichloromethane	4.515	83	324422	10.429	ppbv	99
43) Methyl Methacrylate	4.907	69	175507	9.930	ppbv	99
44) 2,2,4-Trimethylpentane	4.668	57	725640	9.954	ppbv	99
45) t-1,3-Dichloropropene	6.444	75	175855	9.722	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041870.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

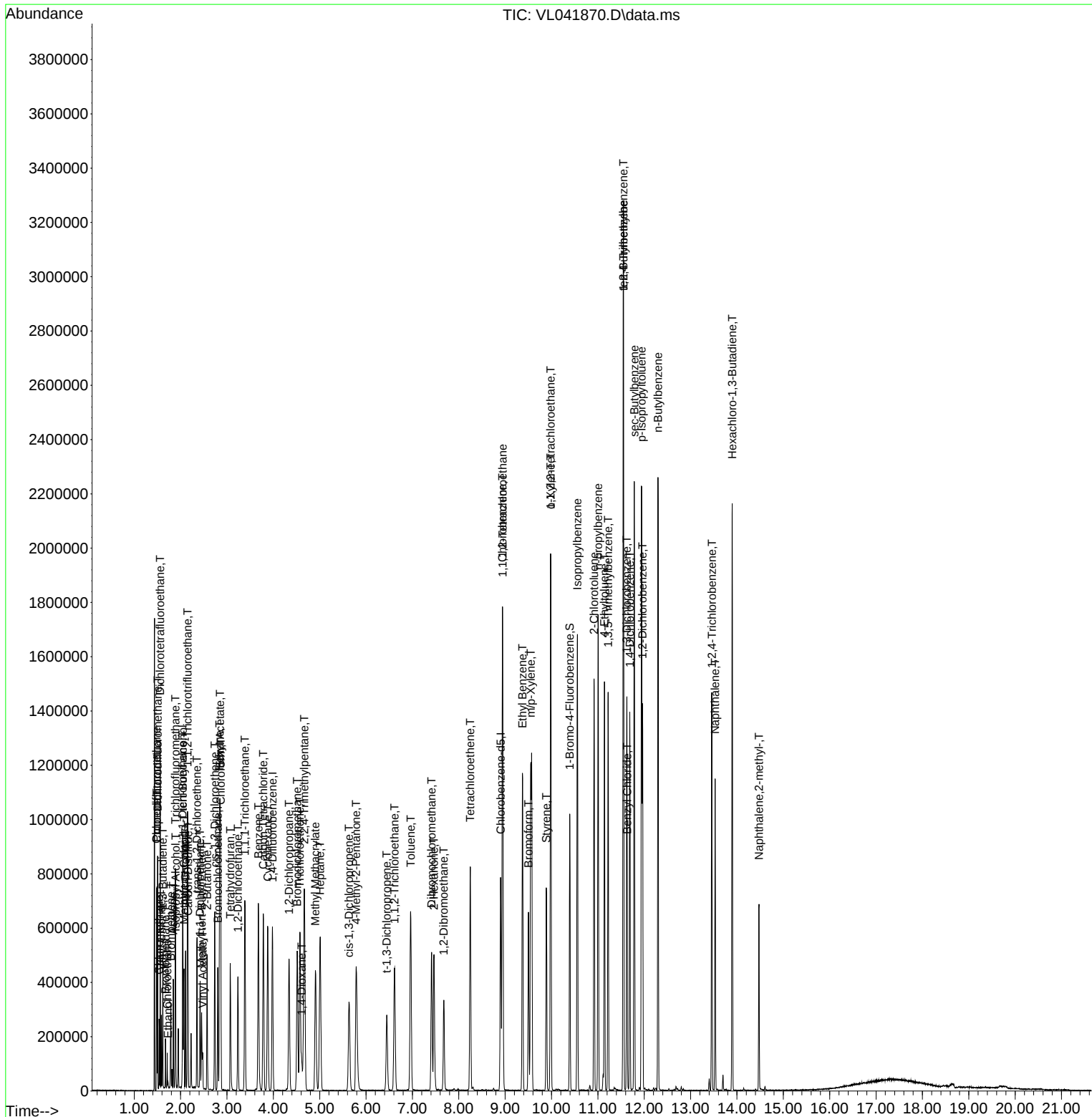
Instrument :
 MSVOA_L
 ClientSampleId :

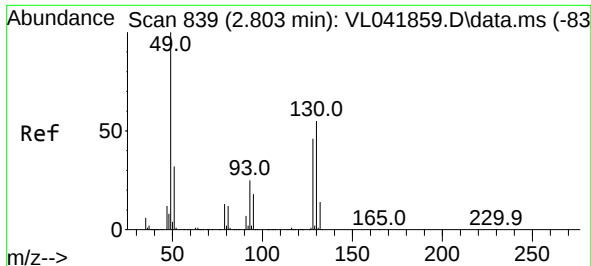
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	224860	9.688	ppbv	99
47) 1,1,2-Trichloroethane	6.616	97	161735	10.013	ppbv	98
48) Dibromochloromethane	7.412	129	261021	10.656	ppbv	98
49) Bromoform	9.503	173	224507	10.502	ppbv	100
50) 4-Methyl-2-Pentanone	5.784	43	429608	9.735	ppbv	100
51) 2-Hexanone	7.464	43	348688	9.606	ppbv	100
52) Tetrachloroethene	8.247	164	147986	8.949	ppbv	97
53) Toluene	6.962	91	508818	9.913	ppbv	100
54) 1,2-Dibromoethane	7.678	107	222055	10.109	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.946	131	204382	10.083	ppbv	99
57) Chlorobenzene	8.943	112	374449	9.875	ppbv	98
58) Ethyl Benzene	9.374	91	697634	9.977	ppbv	98
59) m/p-Xylene	9.555	91	582104	10.534	ppbv #	100
60) o-Xylene	9.982	91	542913	9.850	ppbv	100
61) Styrene	9.888	104	270452	9.826	ppbv	99
62) Isopropylbenzene	10.558	105	823744	9.926	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	320068	9.668	ppbv	99
64) n-propylbenzene	11.005	120	210154	9.719	ppbv	97
65) tert-Butylbenzene	11.549	119	733119	9.761	ppbv	99
66) Benzyl Chloride	11.633	91	59367	7.631	ppbv	99
67) sec-Butylbenzene	11.785	105	997840	9.642	ppbv	99
69) p-Isopropyltoluene	11.944	119	845742	9.577	ppbv	99
70) n-Butylbenzene	12.296	91	833307	9.402	ppbv	99
71) 2-Chlorotoluene	10.918	91	615640	9.582	ppbv	99
72) 4-Ethyltoluene	11.141	105	656224	9.710	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	562687	9.807	ppbv	99
74) 1,2,4-Trimethylbenzene	11.552	105	586850	9.416	ppbv #	84
75) 1,3-Dichlorobenzene	11.623	146	344200	9.212	ppbv	100
76) 1,4-Dichlorobenzene	11.688	146	343950	9.299	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	328031	9.288	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	243823	8.032	ppbv	99
79) Naphthalene	13.529	128	523668	7.800	ppbv	98
80) Naphthalene,2-methyl-	14.475	142	200530	5.538	ppbv	99
81) 1,2,4-Trichlorobenzene	13.458	180	254295	7.954	ppbv	99

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

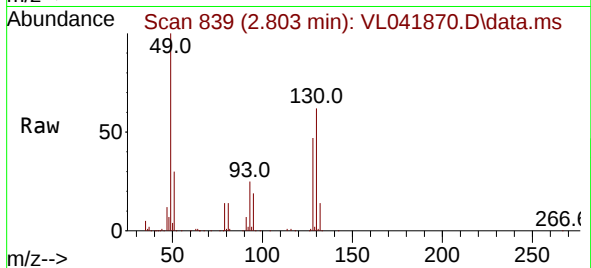
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QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration



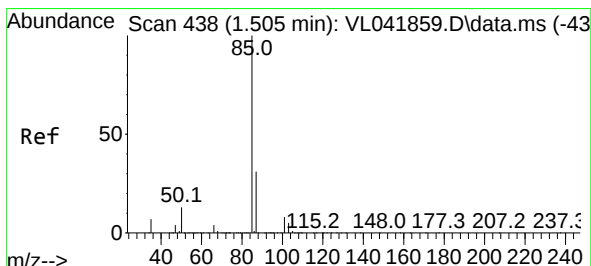
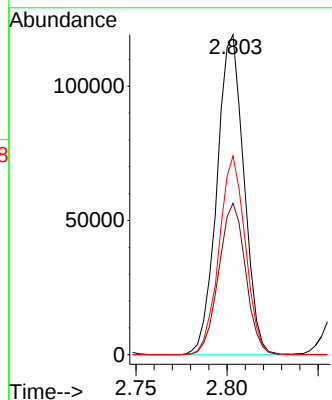
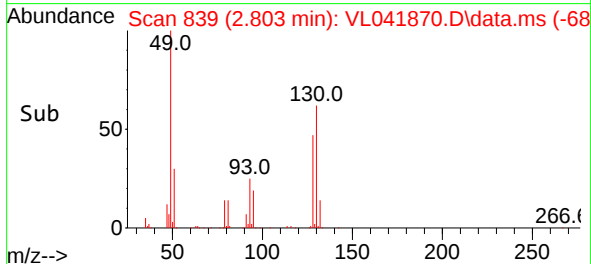


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.803 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Instrument :
 MSVOA_L
 ClientSampleId :

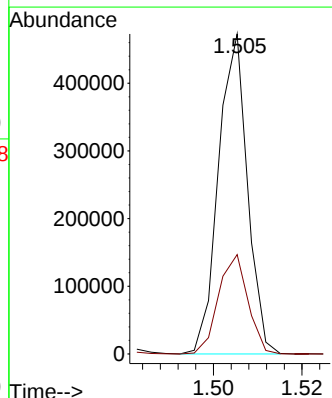
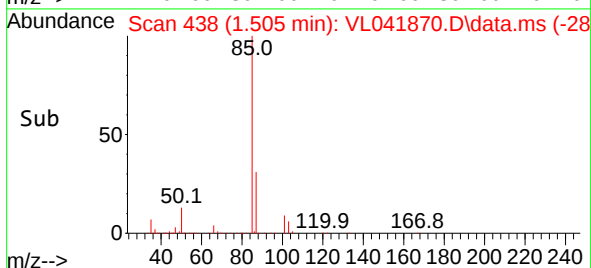
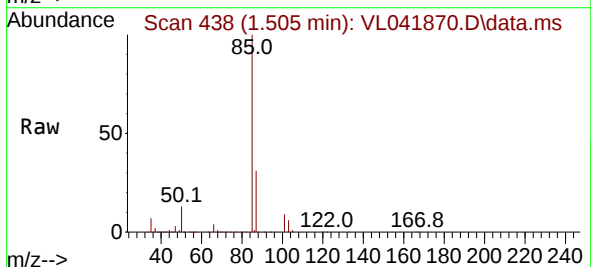


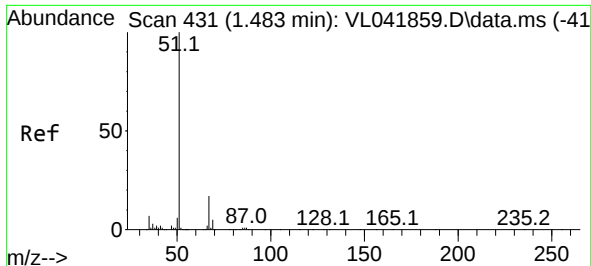
Tgt Ion: 49 Resp: 122543
 Ion Ratio Lower Upper
 49 100
 128 47.1 23.2 69.5
 130 60.4 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 10.675 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 85 Resp: 214765
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.2 37.8

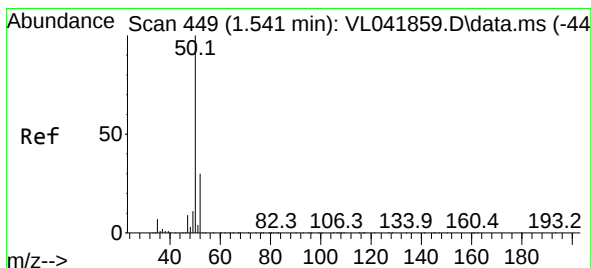
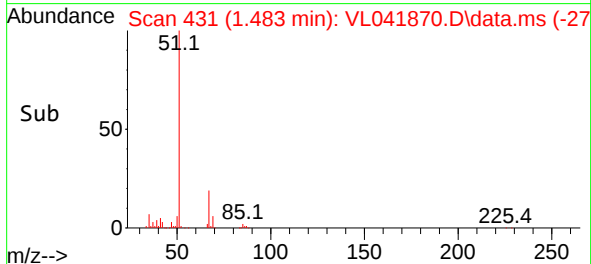
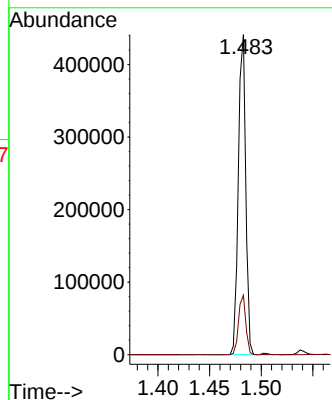
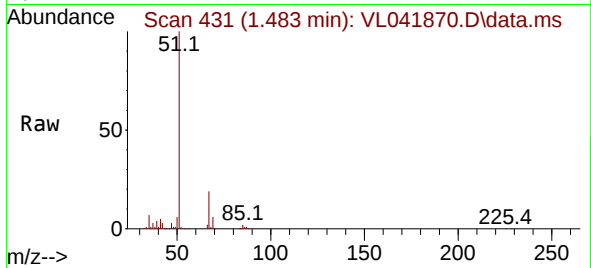




#3
Chlorodifluoromethane
Concen: 9.938 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

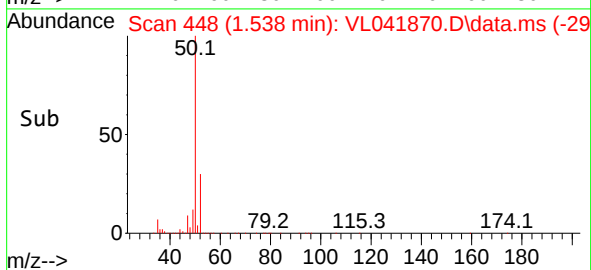
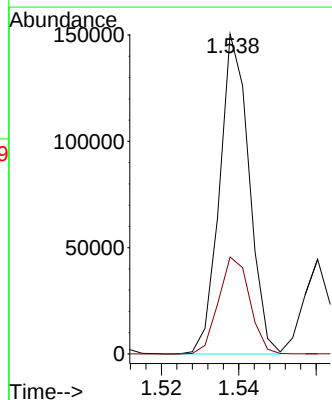
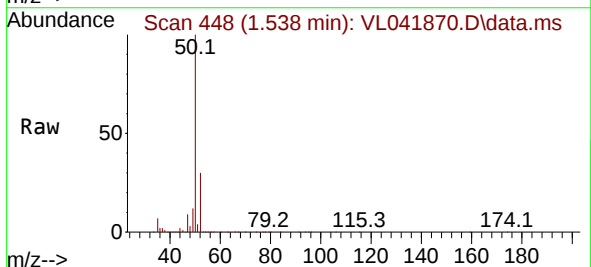
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ClientSampleId :

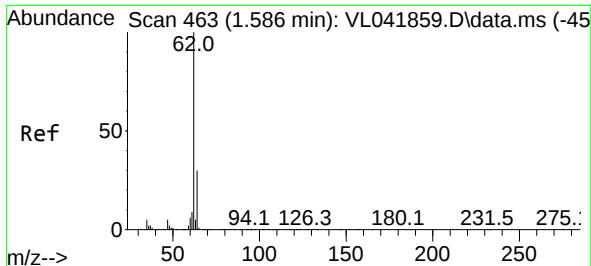
Tgt Ion: 51 Resp: 219609
Ion Ratio Lower Upper
51 100
67 18.2 13.8 20.8



#4
Chloromethane
Concen: 10.183 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 50 Resp: 79635
Ion Ratio Lower Upper
50 100
52 30.3 23.9 35.9

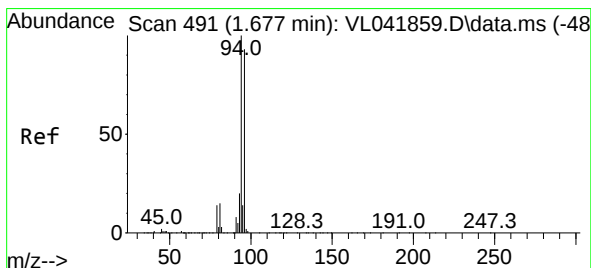
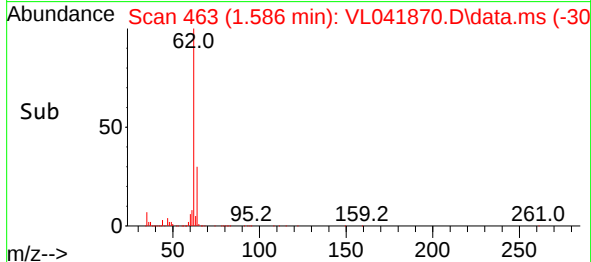
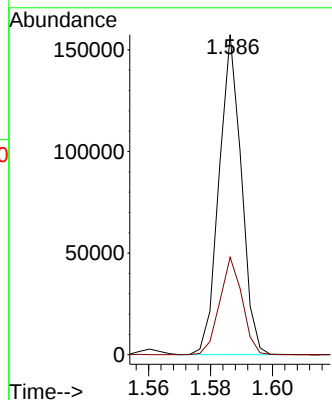
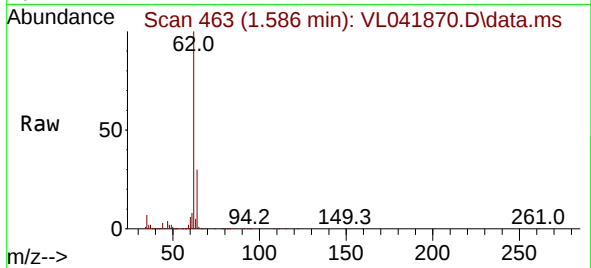




#5
 Vinyl Chloride
 Concen: 9.456 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

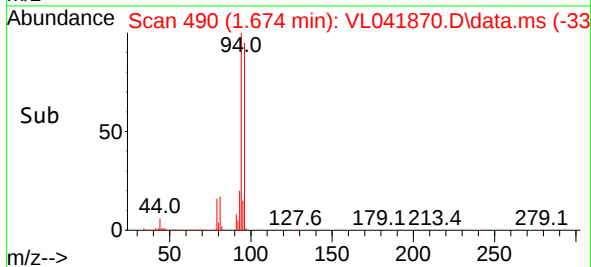
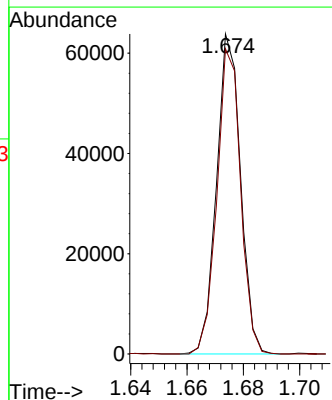
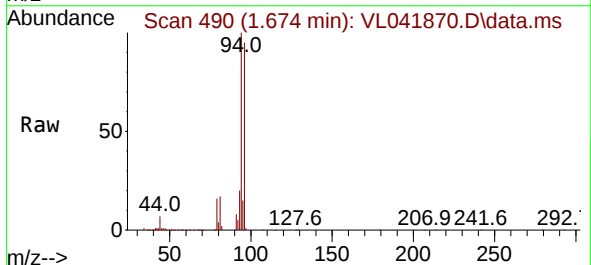
Instrument :
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 ClientSampleId :

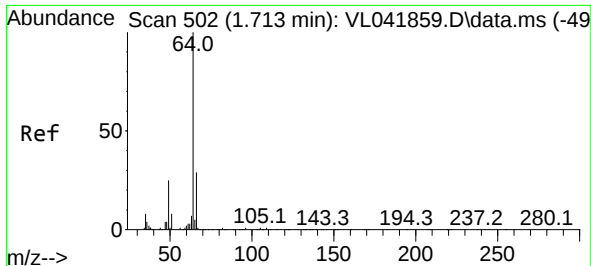
Tgt Ion: 62 Resp: 78642
 Ion Ratio Lower Upper
 62 100
 64 30.4 24.1 36.1



#6
 Bromomethane
 Concen: 9.624 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 94 Resp: 37722
 Ion Ratio Lower Upper
 94 100
 96 95.4 74.8 112.2

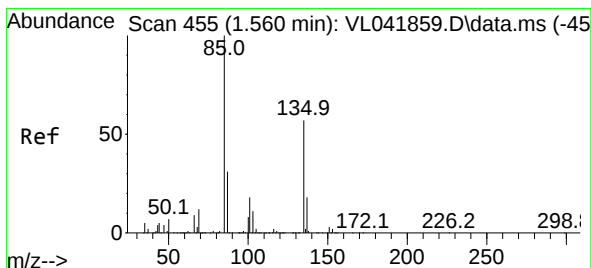
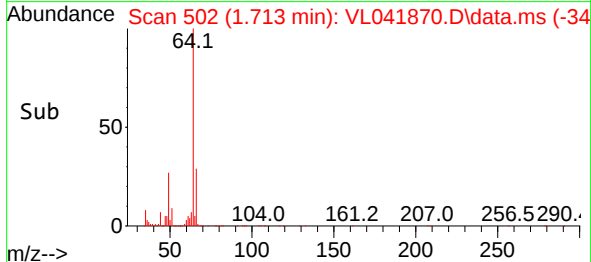
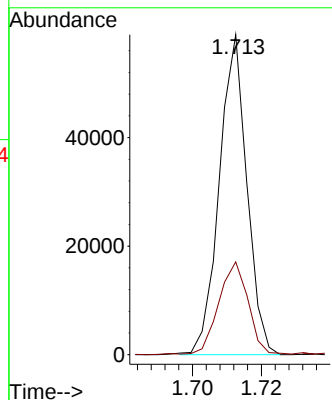
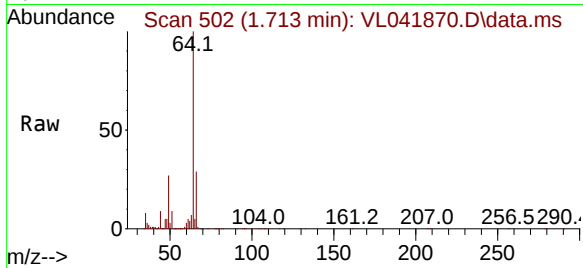




#7
Chloroethane
Concen: 10.139 ppbv
RT: 1.713 min Scan# 502
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

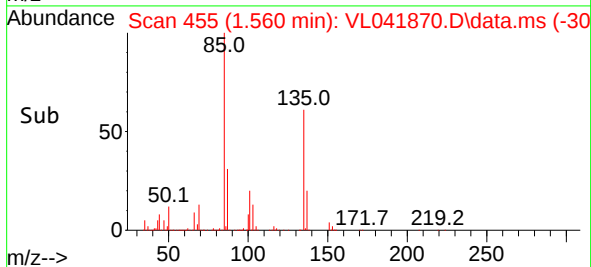
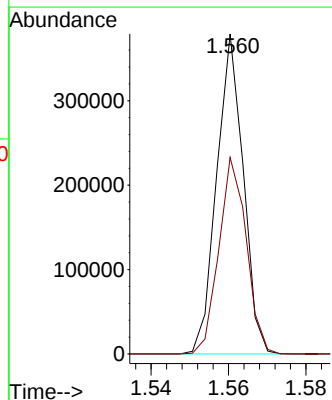
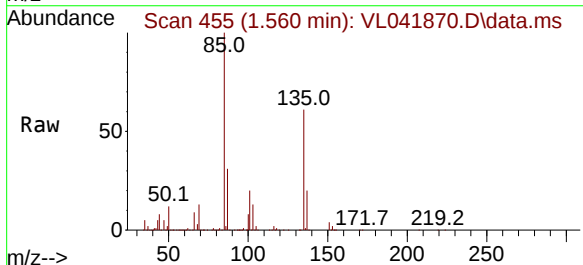
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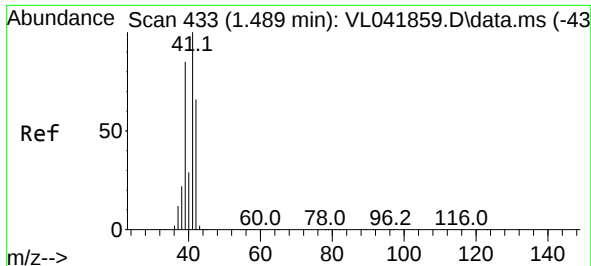
Tgt Ion: 64 Resp: 32686
Ion Ratio Lower Upper
64 100
66 29.0 23.0 34.6



#8
Dichlorotetrafluoroethane
Concen: 10.325 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 85 Resp: 180586
Ion Ratio Lower Upper
85 100
135 63.6 52.2 78.4





#9

Propene

Concen: 9.500 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

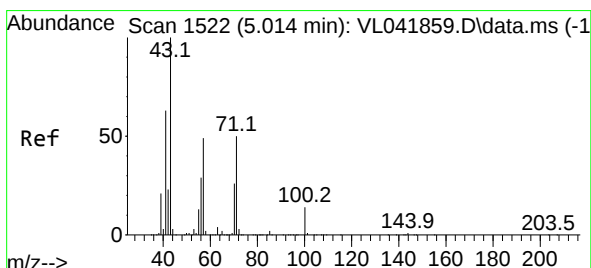
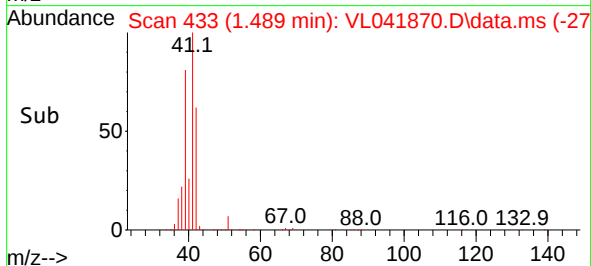
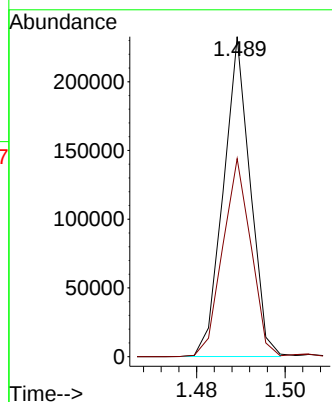
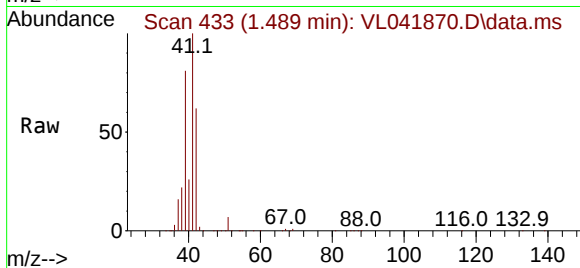
ClientSampleId :

Tgt Ion: 41 Resp: 97956

Ion Ratio Lower Upper

41 100

42 66.6 53.0 79.6



#10

Heptane

Concen: 9.773 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VL041870.D

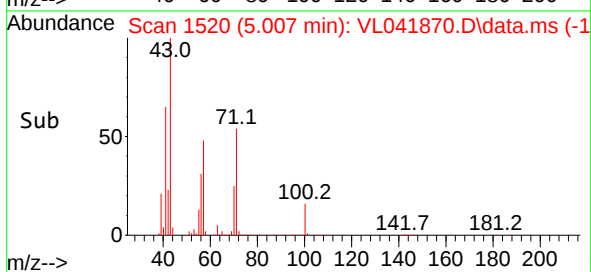
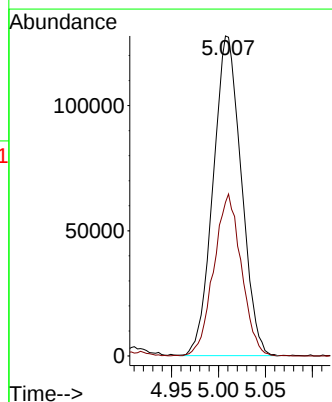
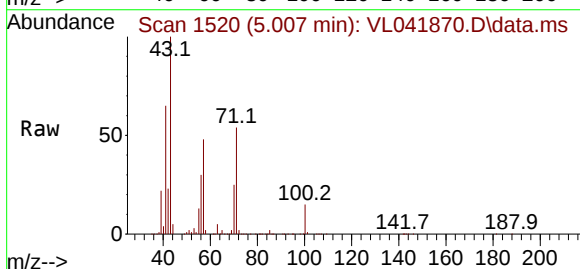
Acq: 09 Jan 2025 17:32

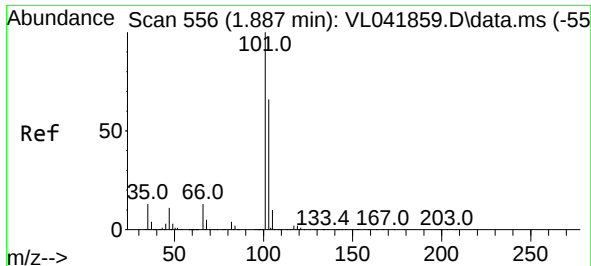
Tgt Ion: 43 Resp: 265739

Ion Ratio Lower Upper

43 100

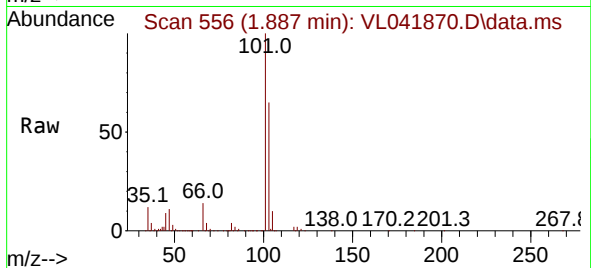
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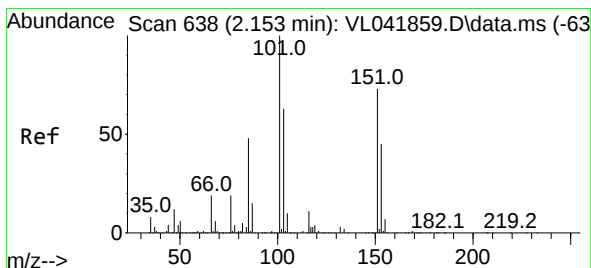
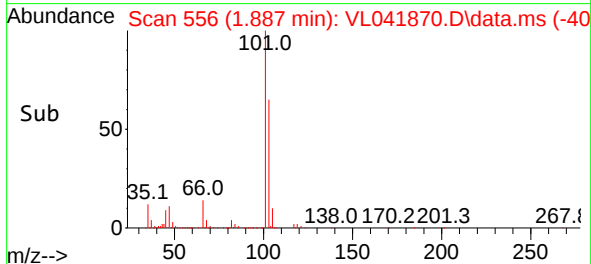
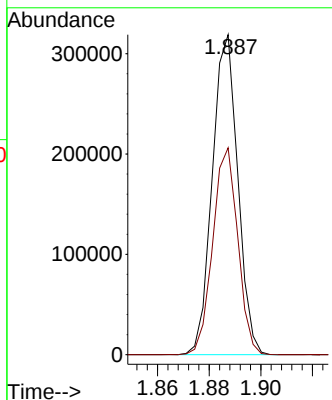


#11
Trichlorofluoromethane
Concen: 10.573 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Instrument :
MSVOA_L
ClientSampleId :

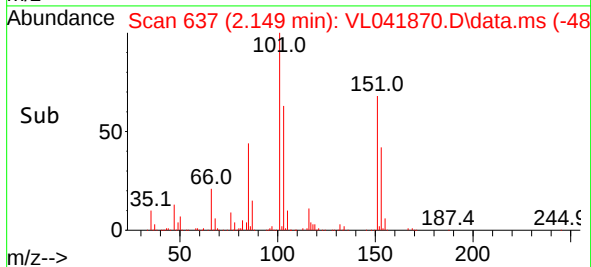
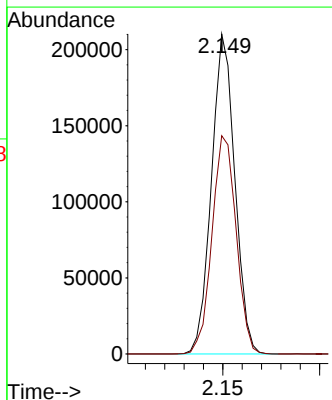
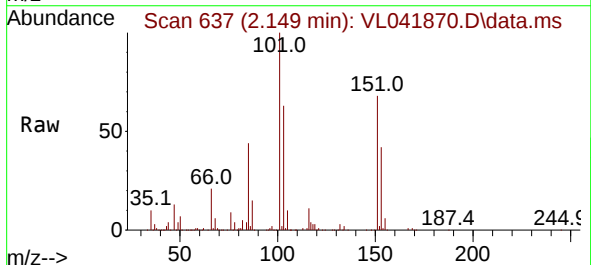


Tgt Ion:101 Resp: 218631
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.543 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:101 Resp: 176361
Ion Ratio Lower Upper
101 100
151 70.6 59.4 89.0

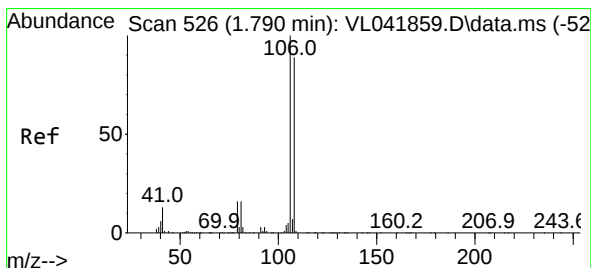
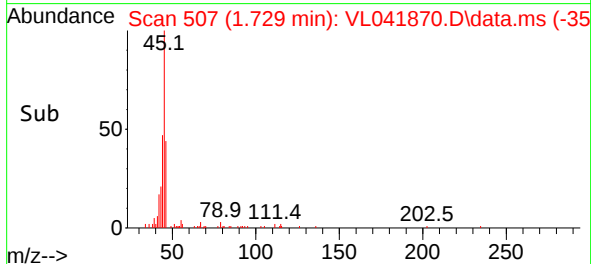
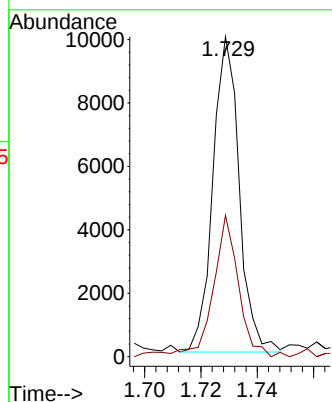
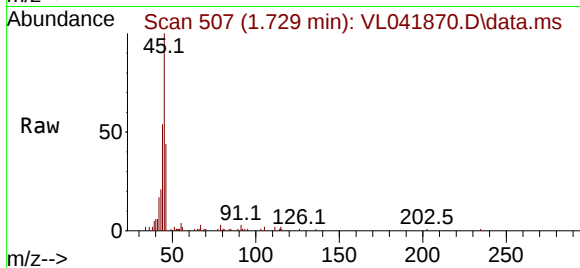




#13
Ethanol
Concen: 9.854 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

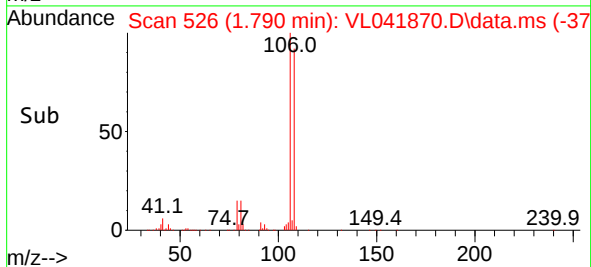
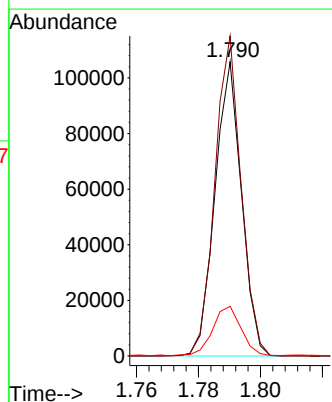
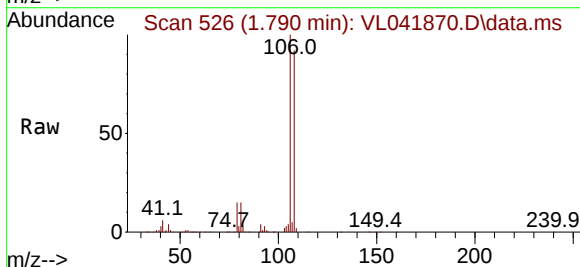
Instrument :
MSVOA_L
ClientSampleId :

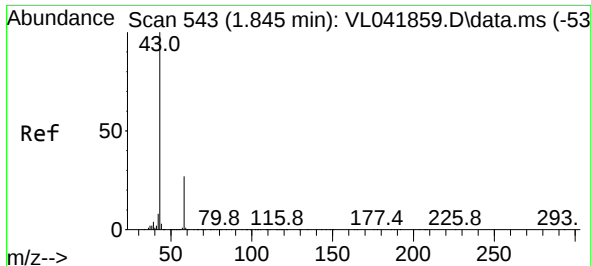
Tgt Ion: 45 Resp: 6453
Ion Ratio Lower Upper
45 100
46 44.4 19.0 76.0



#14
Bromoethene
Concen: 10.509 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 108 Resp: 62928
Ion Ratio Lower Upper
108 100
106 107.2 86.9 130.3
79 18.1 15.6 23.4

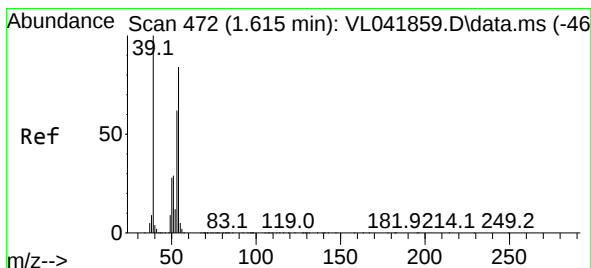
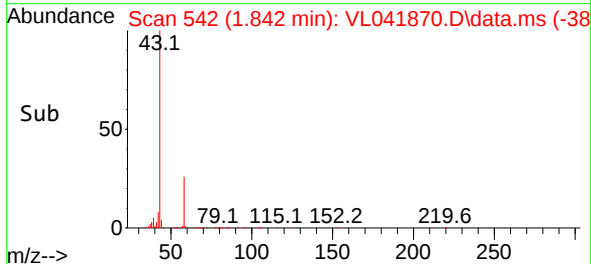
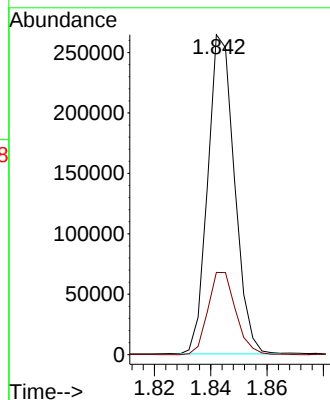
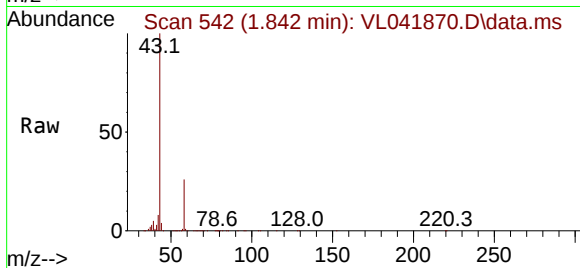




#15
Acetone
Concen: 8.431 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

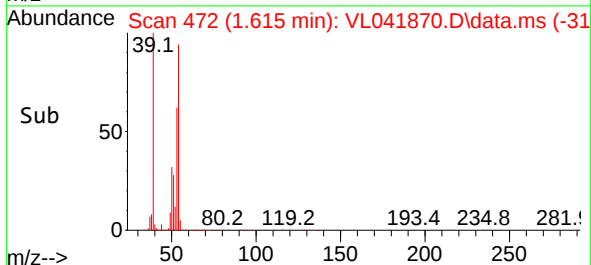
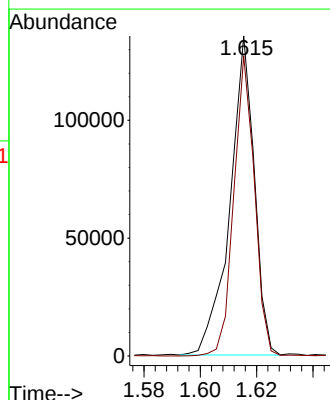
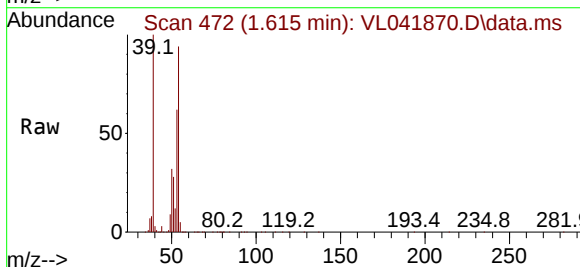
Instrument :
MSVOA_L
ClientSampleId :

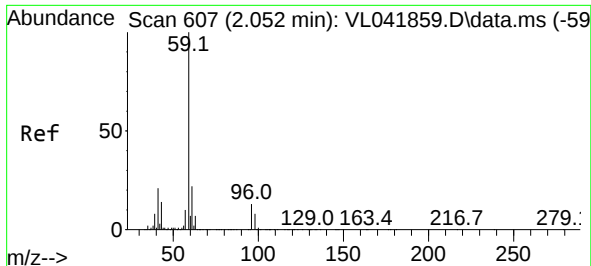
Tgt Ion: 43 Resp: 174247
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1



#16
1,3-Butadiene
Concen: 9.171 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 39 Resp: 81413
Ion Ratio Lower Upper
39 100
54 79.8 60.1 90.1





#17

tert-Butyl alcohol

Concen: 10.428 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

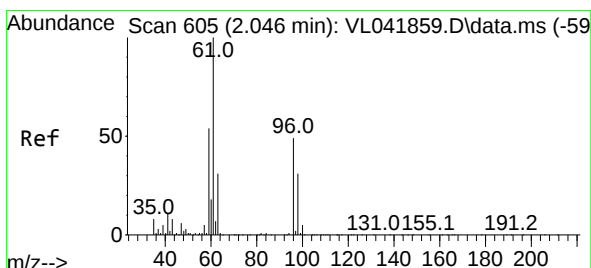
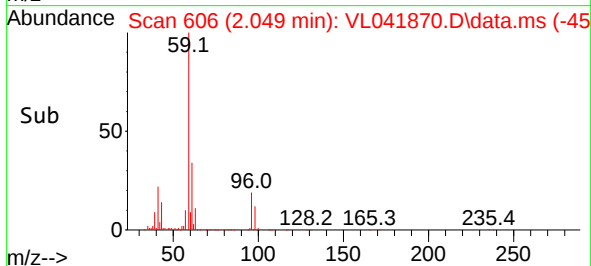
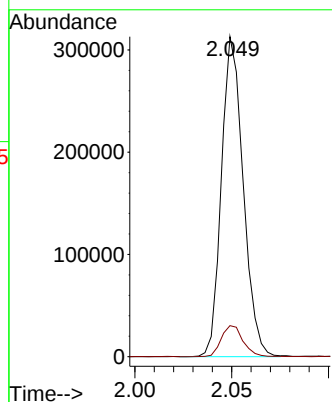
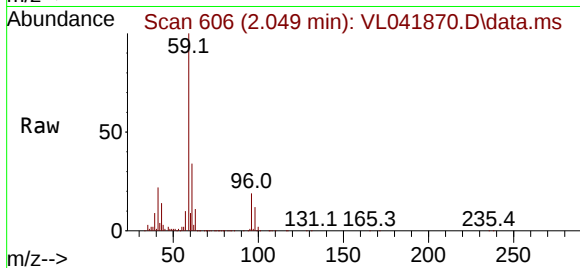
ClientSampleId :

Tgt Ion: 59 Resp: 244537

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.392 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

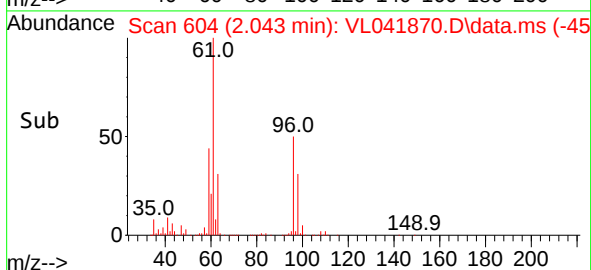
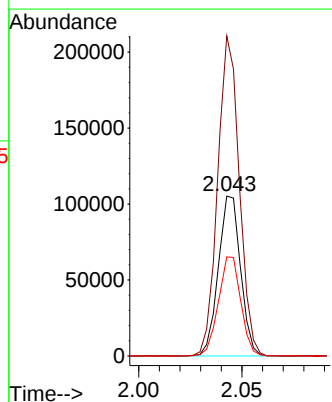
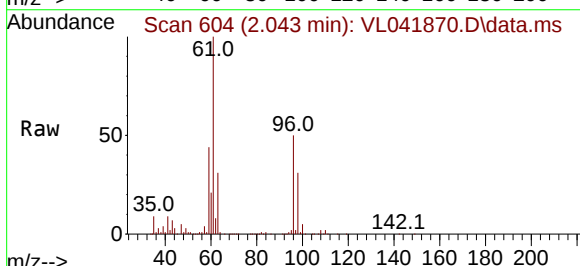
Tgt Ion: 96 Resp: 78665

Ion Ratio Lower Upper

96 100

61 200.2 161.7 242.5

98 62.0 51.0 76.4

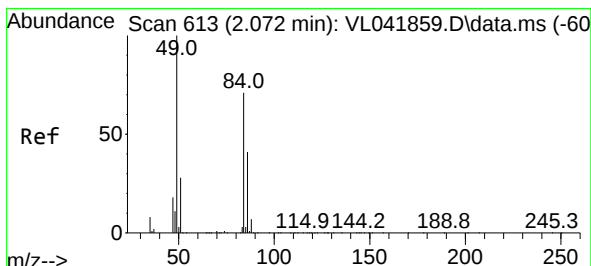
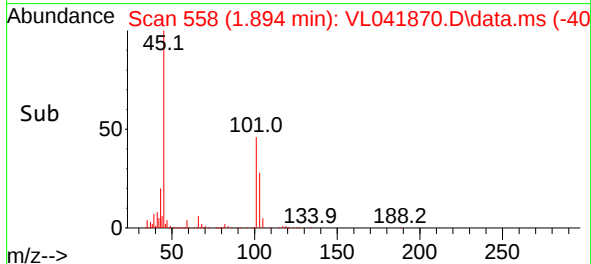
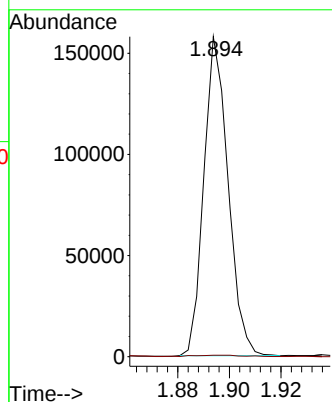
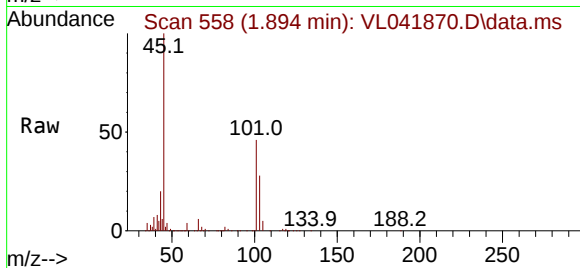




#19
Isopropyl Alcohol
Concen: 9.479 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

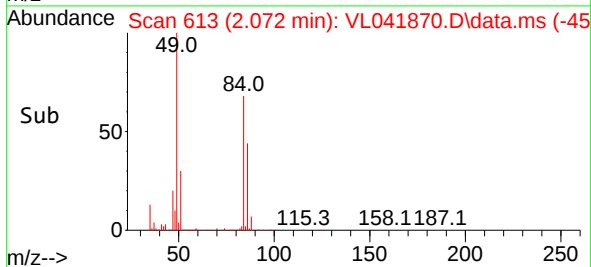
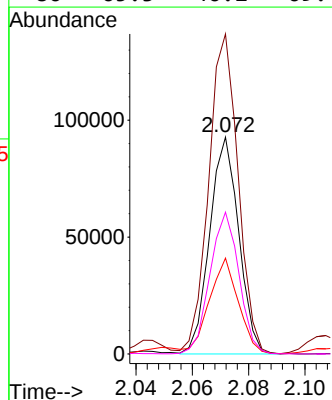
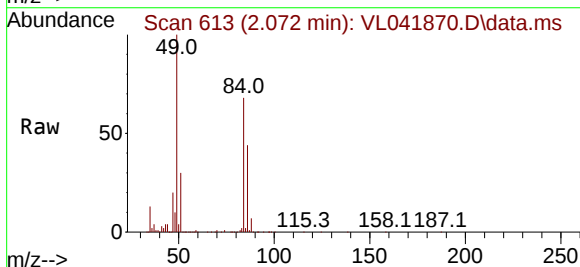
Instrument :
MSVOA_L
ClientSampleId :

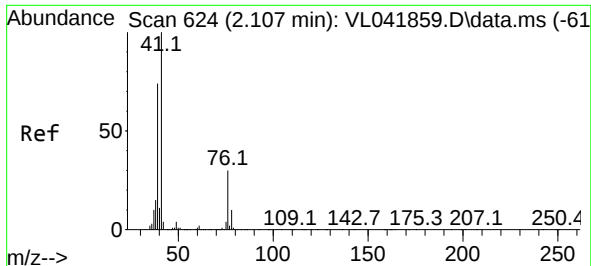
Tgt Ion: 45 Resp: 102969
Ion Ratio Lower Upper
45 100
58 45.7 37.0 55.6



#20
Methylene Chloride
Concen: 9.423 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 84 Resp: 66435
Ion Ratio Lower Upper
84 100
49 147.5 113.8 170.8
51 44.0 33.5 50.3
86 65.3 46.2 69.4





#21

Allyl Chloride

Concen: 10.002 ppbv

RT: 2.107 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

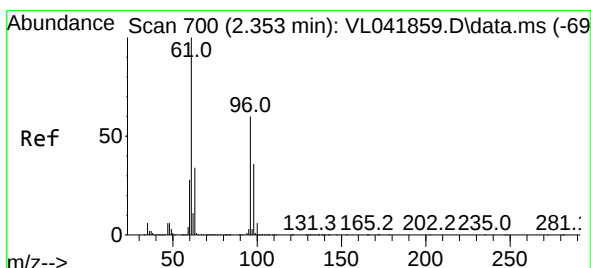
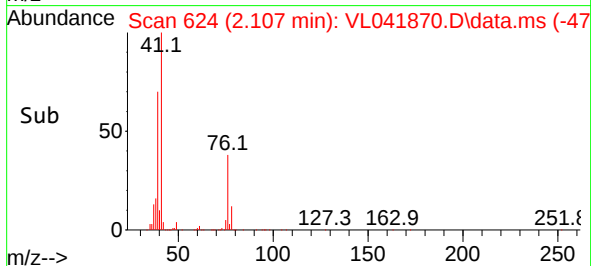
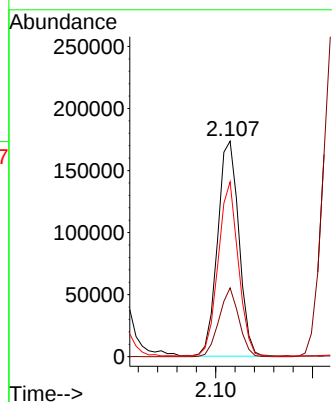
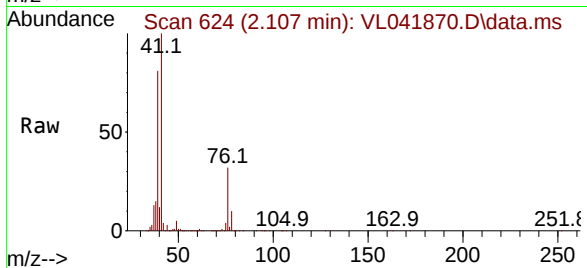
Tgt Ion: 41 Resp: 132275

Ion Ratio Lower Upper

41 100

76 29.8 24.6 36.8

39 76.4 60.1 90.1



#22

trans-1,2-Dichloroethene

Concen: 9.995 ppbv

RT: 2.353 min Scan# 700

Delta R.T. 0.000 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

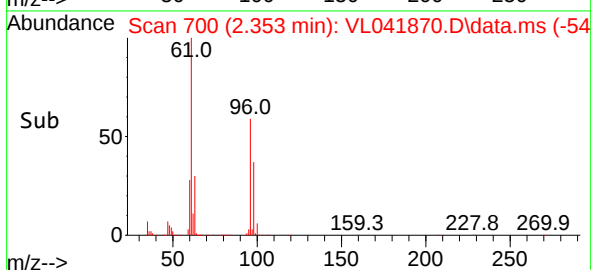
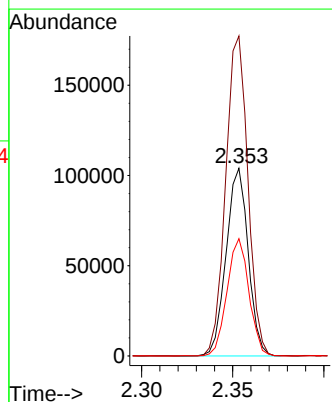
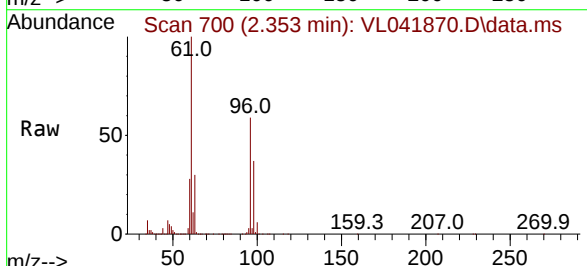
Tgt Ion: 96 Resp: 87608

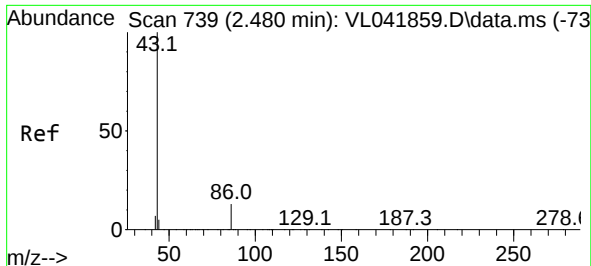
Ion Ratio Lower Upper

96 100

61 170.5 134.2 201.4

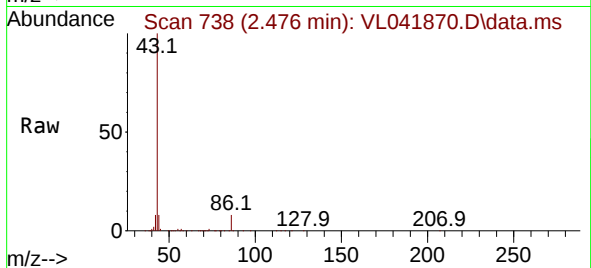
98 62.4 49.0 73.4



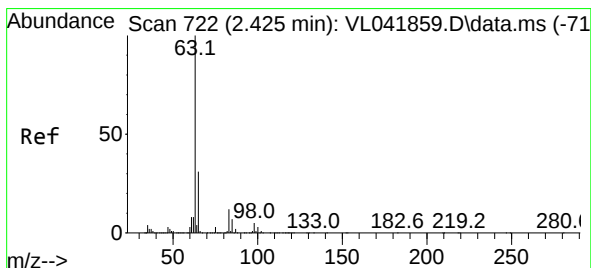
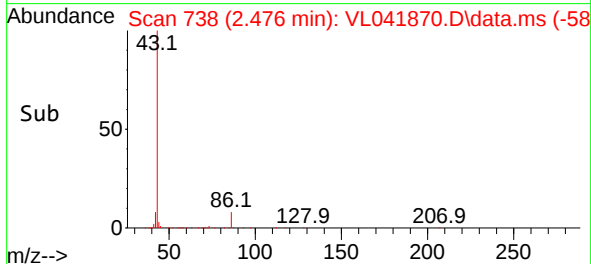
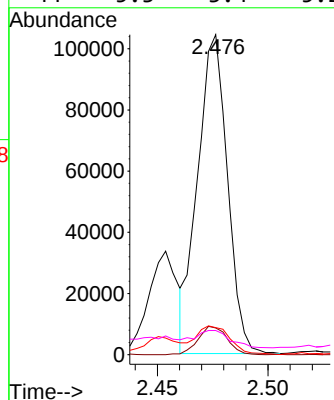


#23
 Vinyl Acetate
 Concen: 9.309 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Instrument :
 MSVOA_L
 ClientSampleId :

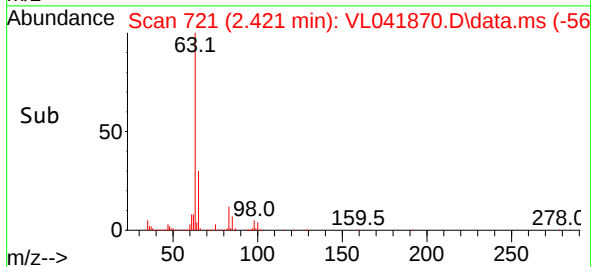
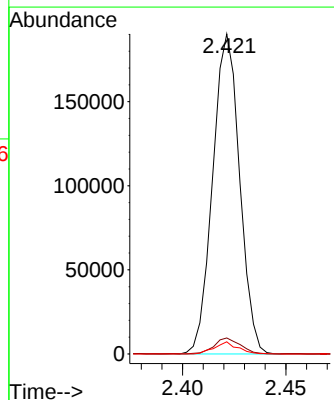
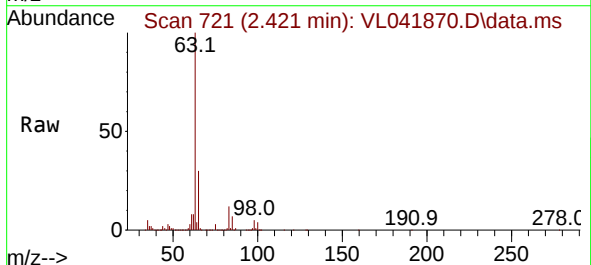


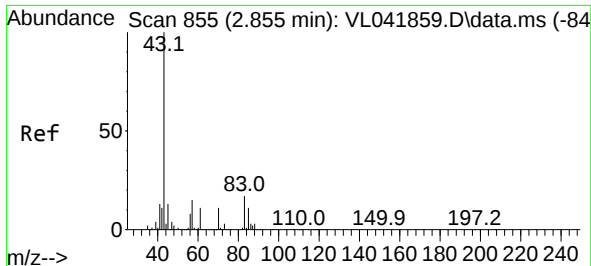
Tgt Ion: 43	Resp: 97489
Ion Ratio	Lower Upper
43 100	
86 8.3	7.8 11.6
42 8.4	7.0 10.4
44 5.3	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 10.392 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 63	Resp: 172510
Ion Ratio	Lower Upper
63 100	
98 5.0	2.3 6.9
100 3.8	1.3 3.8#

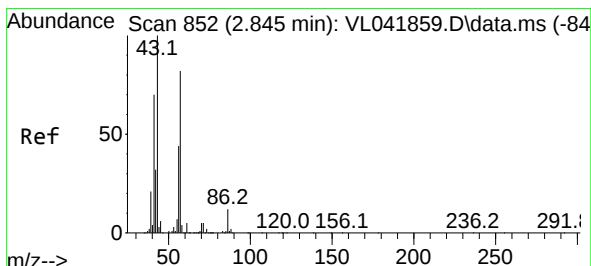
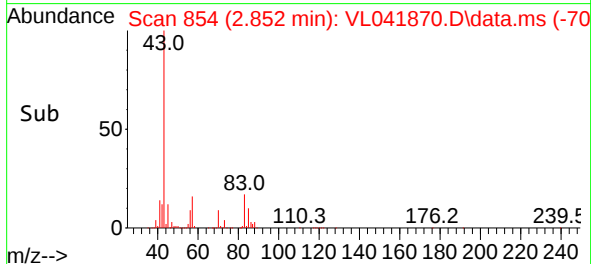
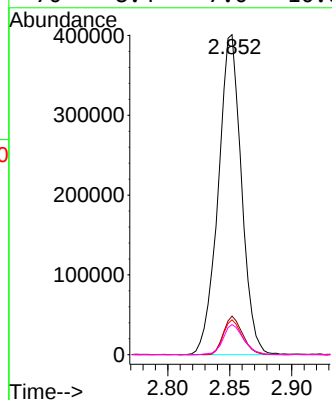
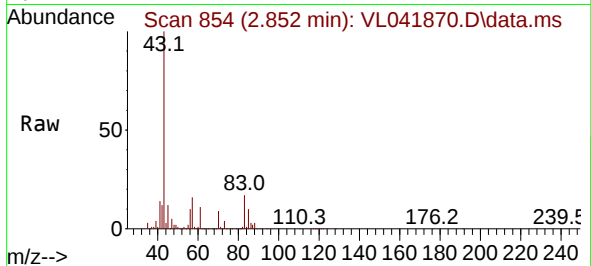




#25
Ethyl Acetate
Concen: 10.198 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

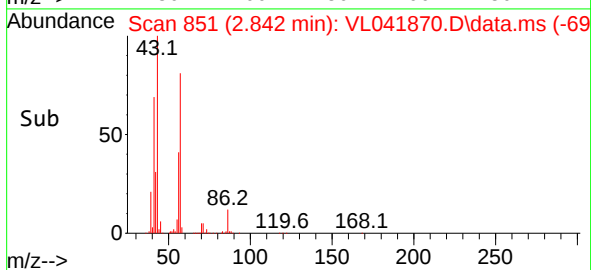
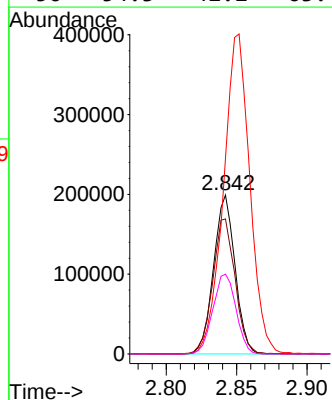
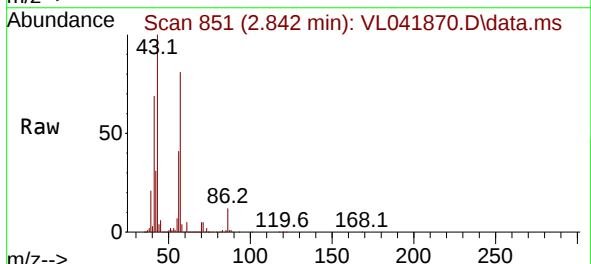
Instrument :
MSVOA_L
ClientSampleId :

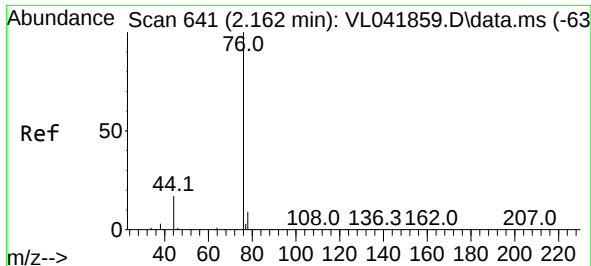
Tgt Ion: 43 Resp: 523764
Ion Ratio Lower Upper
43 100
45 10.0 8.4 12.6
61 9.0 7.3 10.9
70 8.4 7.0 10.6



#26
Hexane
Concen: 9.961 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 57 Resp: 210453
Ion Ratio Lower Upper
57 100
41 89.6 71.5 107.3
43 249.5 200.2 300.4
56 54.3 42.2 63.4

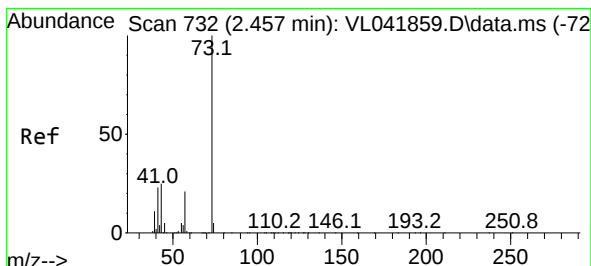
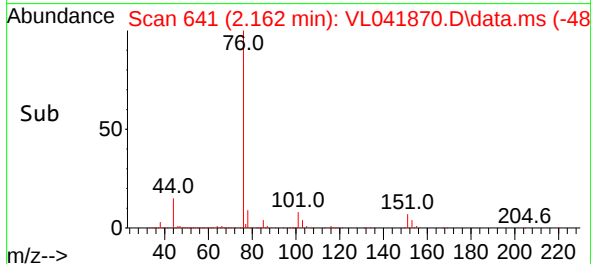
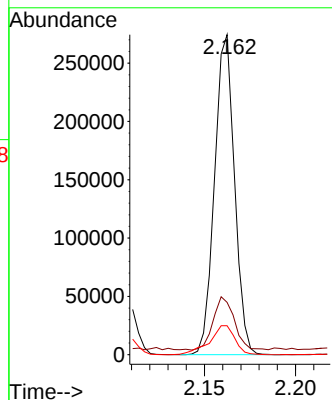
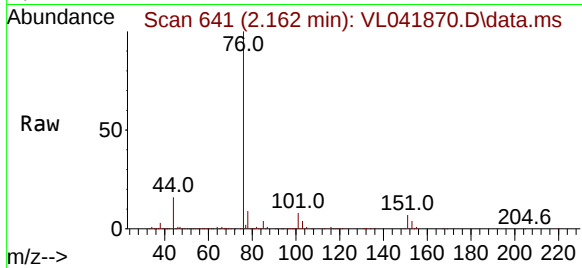




#27
Carbon Disulfide
Concen: 10.307 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

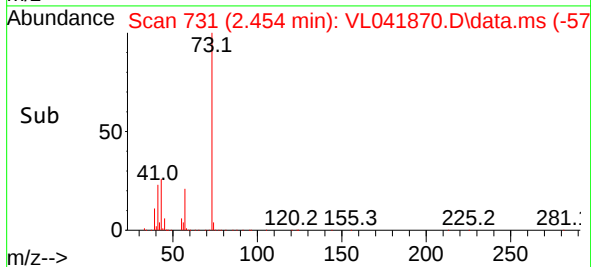
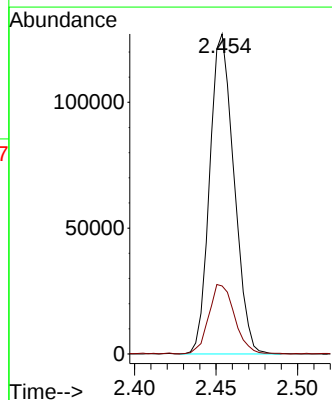
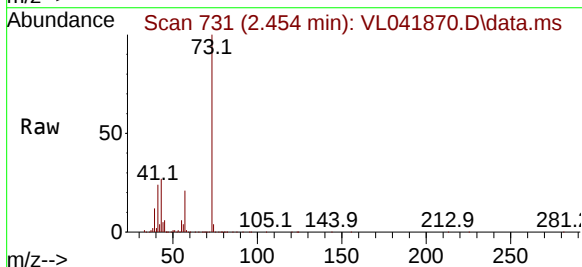
Instrument :
MSVOA_L
ClientSampleId :

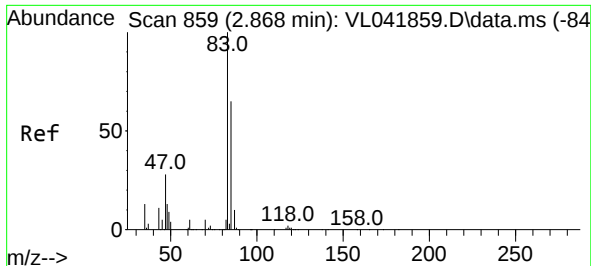
Tgt Ion: 76 Resp: 208581
Ion Ratio Lower Upper
76 100
44 17.0 13.1 19.7
78 11.5 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 8.169 ppbv
RT: 2.454 min Scan# 731
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 73 Resp: 131707
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3

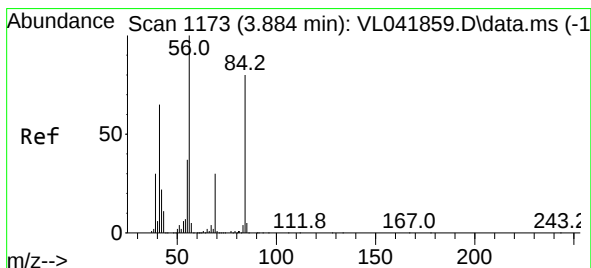
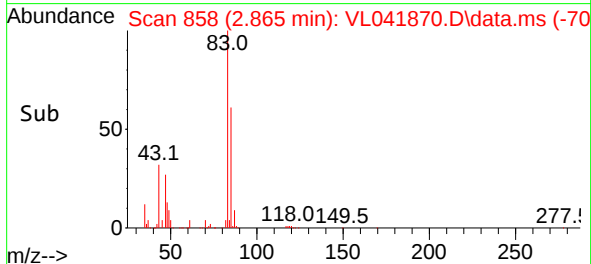
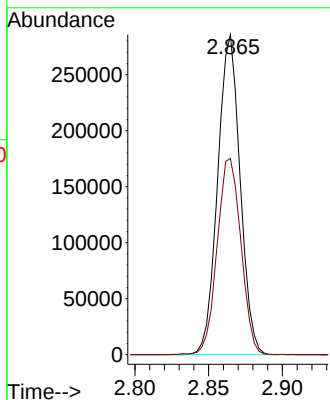
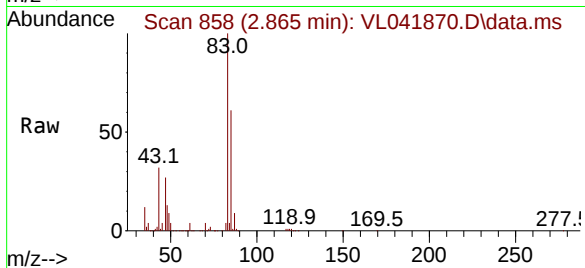




#29
Chloroform
Concen: 10.231 ppbv
RT: 2.865 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

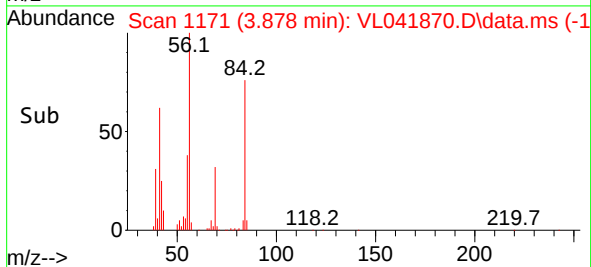
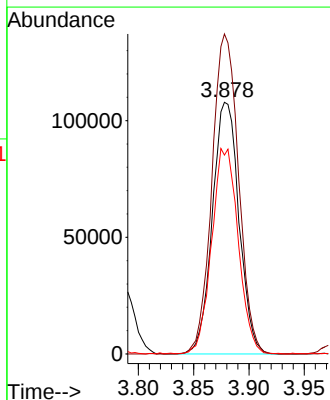
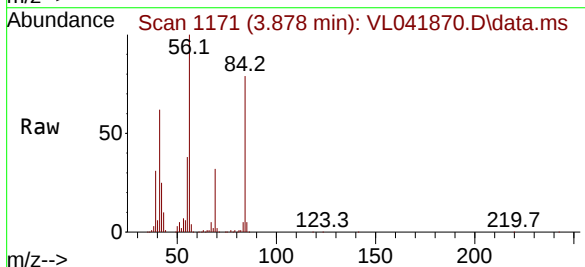
Instrument :
MSVOA_L
ClientSampleId :

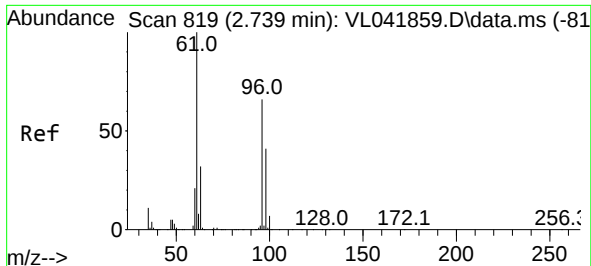
Tgt Ion: 83 Resp: 302447
Ion Ratio Lower Upper
83 100
85 61.3 51.7 77.5



#30
Cyclohexane
Concen: 9.941 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

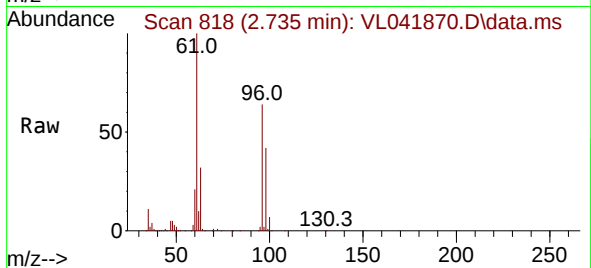
Tgt Ion: 84 Resp: 180360
Ion Ratio Lower Upper
84 100
56 127.1 100.7 151.1
41 81.4 62.8 94.2





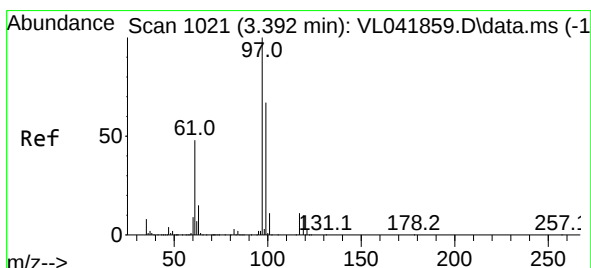
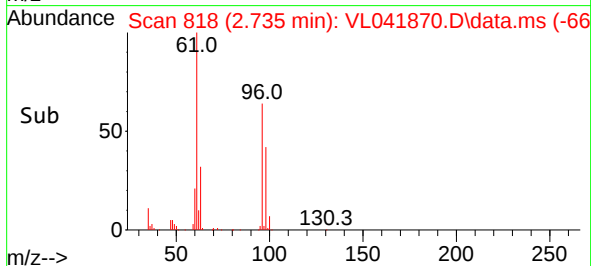
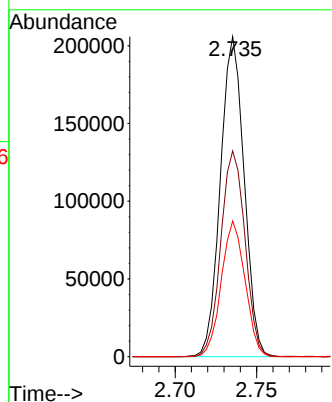
#31
 cis-1,2-Dichloroethene
 Concen: 10.094 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 208408

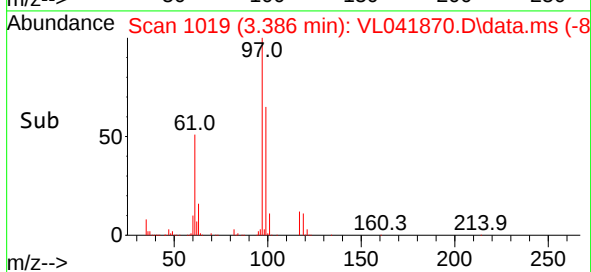
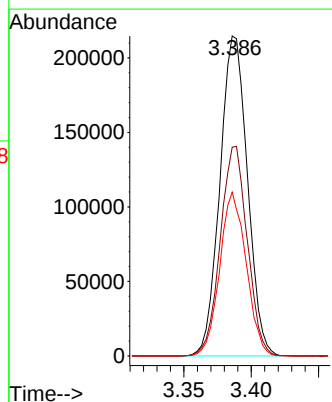
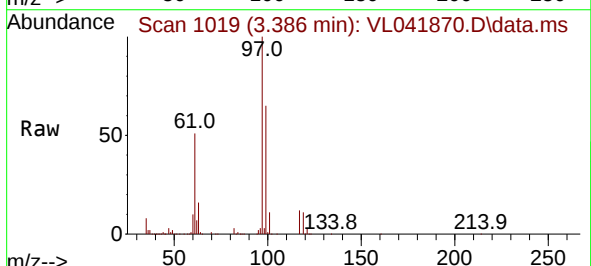
Ion	Ratio	Lower	Upper
61	100		
96	64.3	53.2	79.8
98	42.4	32.5	48.7

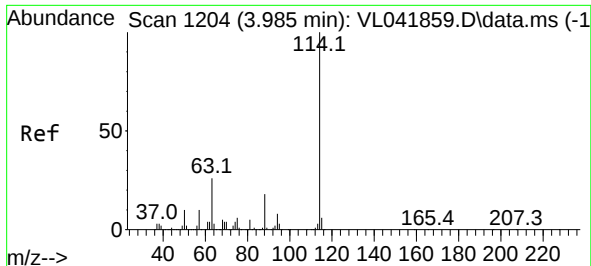


#32
 1,1,1-Trichloroethane
 Concen: 10.396 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 97 Resp: 305295

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	49.2	38.8	58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

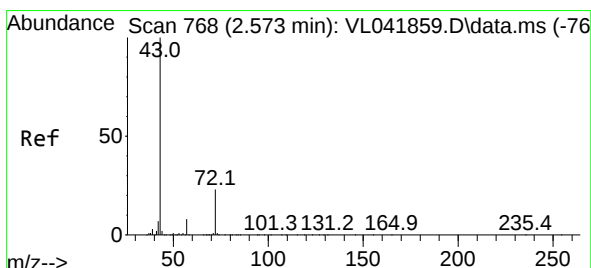
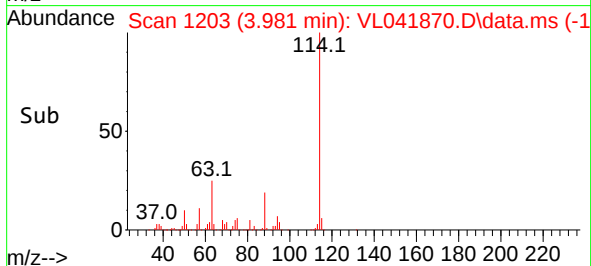
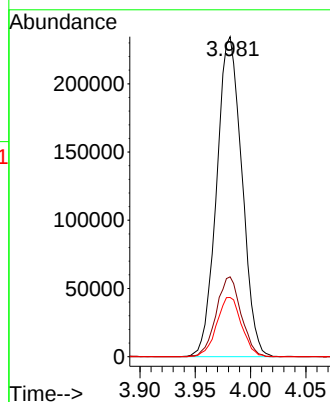
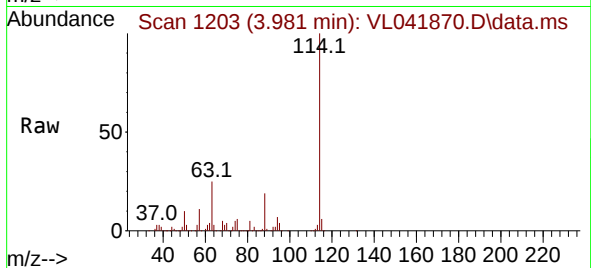
Tgt Ion:114 Resp: 372014

Ion Ratio Lower Upper

114 100

63 24.6 20.3 30.5

88 18.2 14.6 21.8



#34

2-Butanone

Concen: 9.747 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.003 min

Lab File: VL041870.D

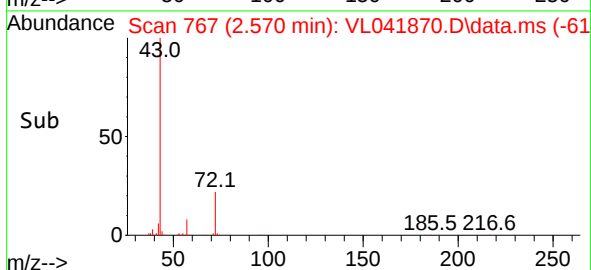
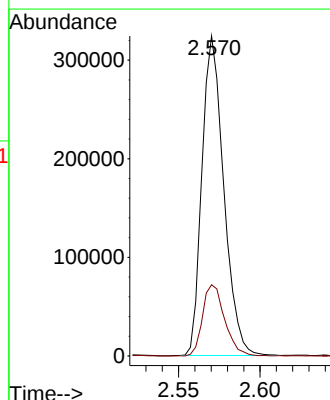
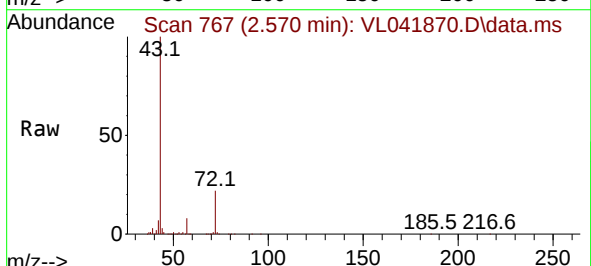
Acq: 09 Jan 2025 17:32

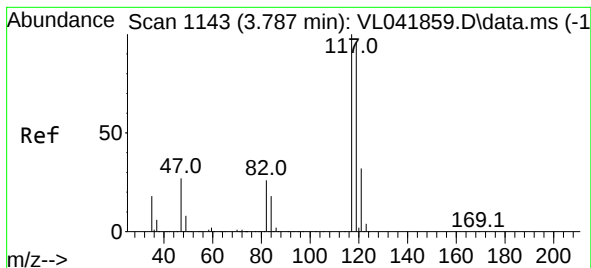
Tgt Ion: 43 Resp: 301434

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7





#35

Carbon Tetrachloride

Concen: 10.385 ppbv

RT: 3.784 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

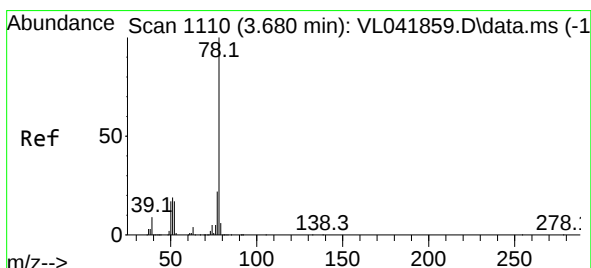
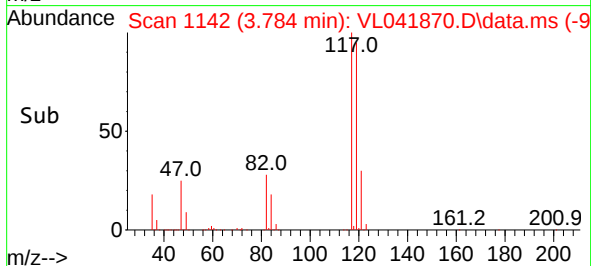
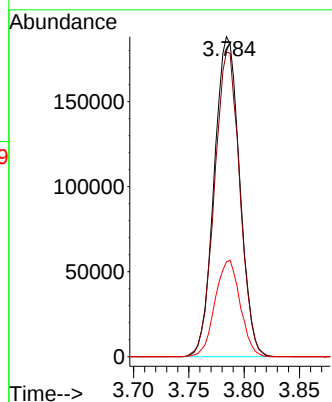
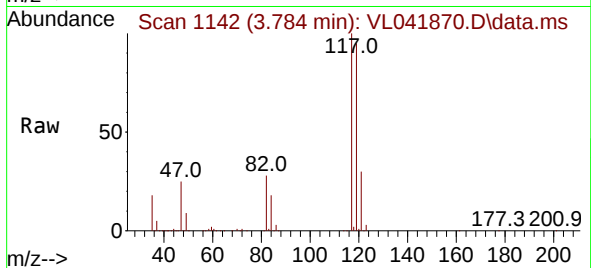
Tgt Ion:117 Resp: 300238

Ion Ratio Lower Upper

117 100

119 95.2 76.9 115.3

121 29.6 25.9 38.9



#36

Benzene

Concen: 10.046 ppbv

RT: 3.677 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

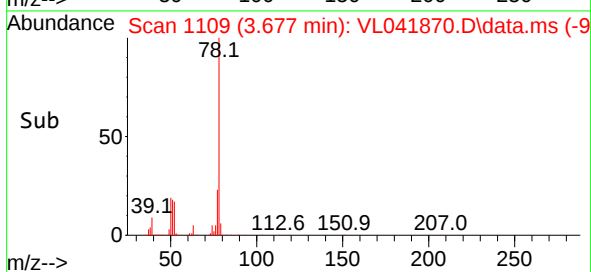
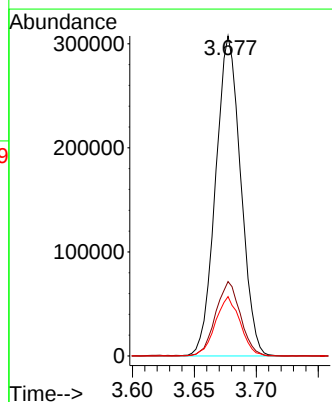
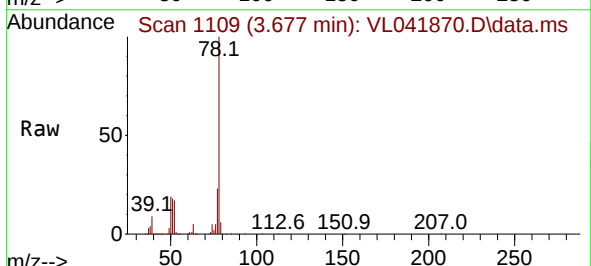
Tgt Ion: 78 Resp: 433563

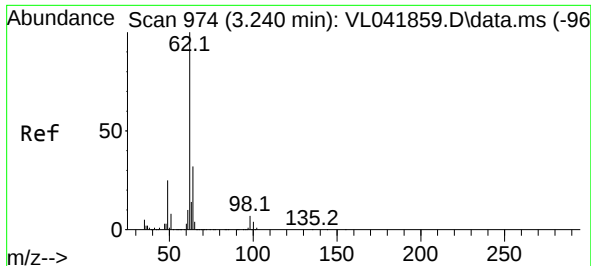
Ion Ratio Lower Upper

78 100

77 23.2 17.9 26.9

50 18.5 13.7 20.5





#37

1,2-Dichloroethane

Concen: 10.302 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

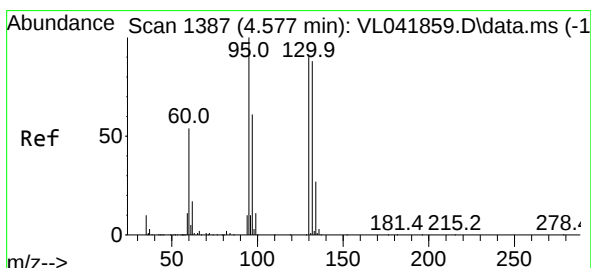
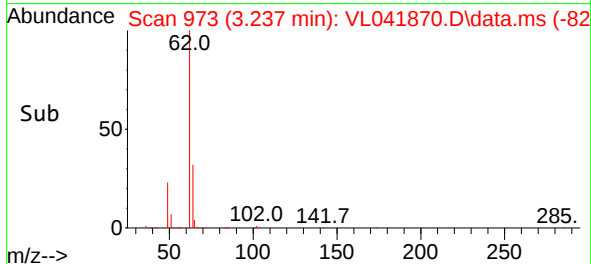
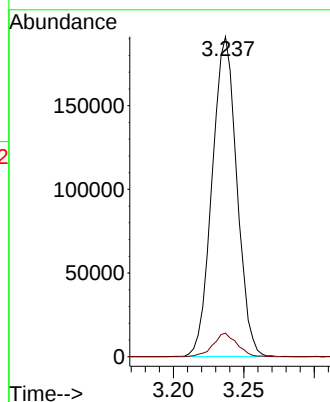
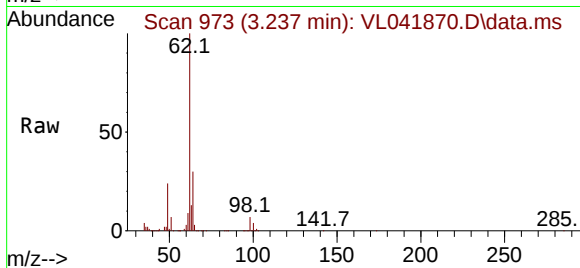
ClientSampleId :

Tgt Ion: 62 Resp: 233267

Ion Ratio Lower Upper

62 100

98 7.1 5.6 8.4



#38

Trichloroethene

Concen: 6.189 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Tgt Ion:130 Resp: 105456

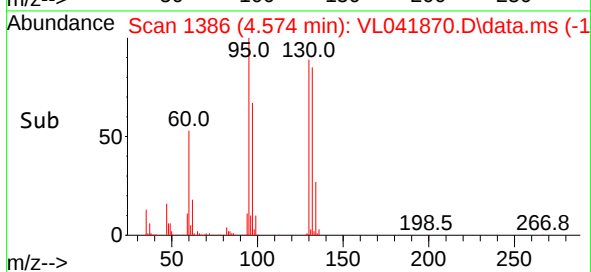
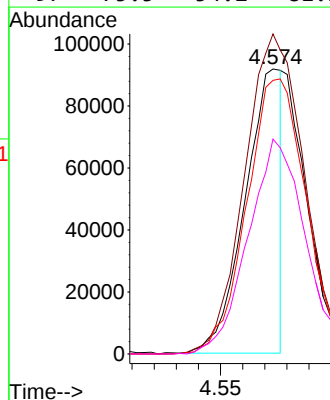
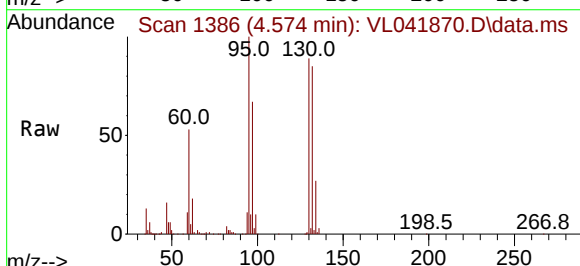
Ion Ratio Lower Upper

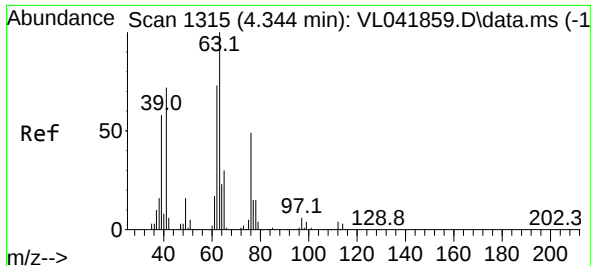
130 100

95 112.4 88.5 132.7

132 96.0 78.2 117.2

97 75.5 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.943 ppbv

RT: 4.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

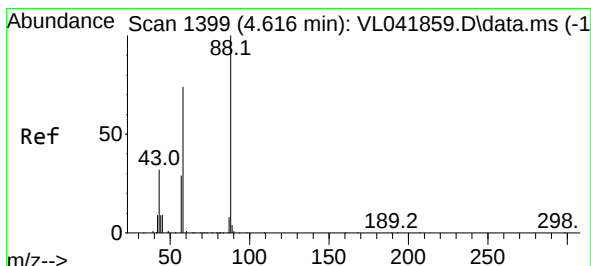
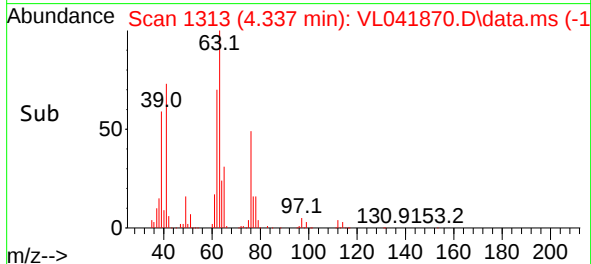
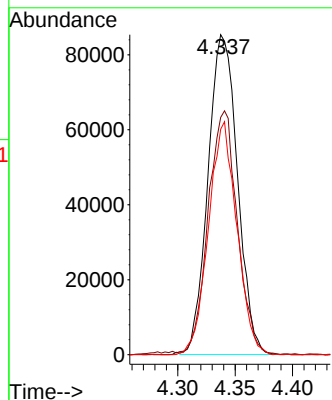
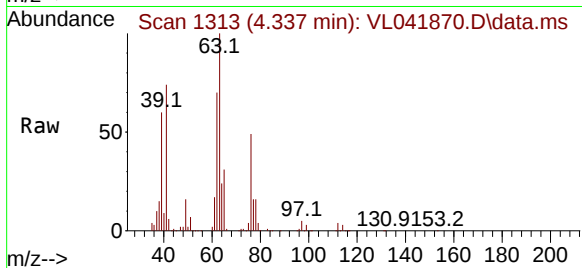
Tgt Ion: 63 Resp: 152646

Ion Ratio Lower Upper

63 100

41 74.1 58.0 87.0

62 70.5 58.6 87.8



#40

1,4-Dioxane

Concen: 8.979 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Tgt Ion: 88 Resp: 69319

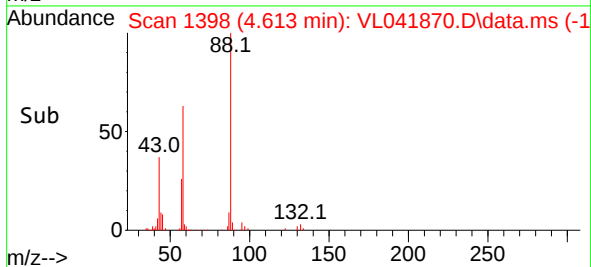
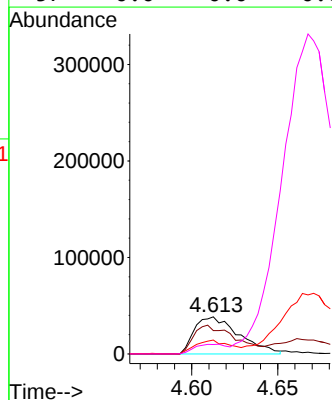
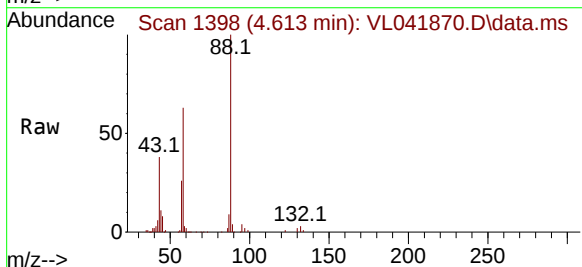
Ion Ratio Lower Upper

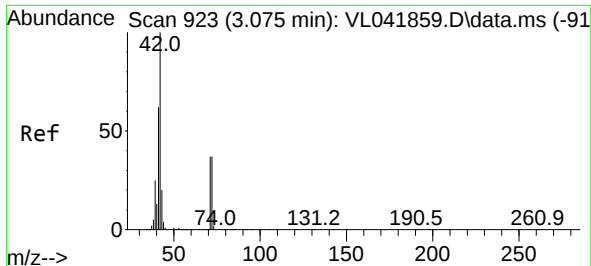
88 100

58 76.0 52.2 78.4

43 0.0 0.0 0.0

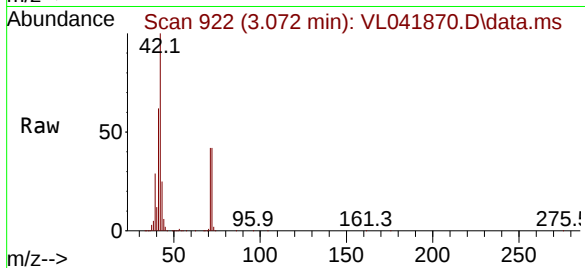
57 0.0 0.0 0.0



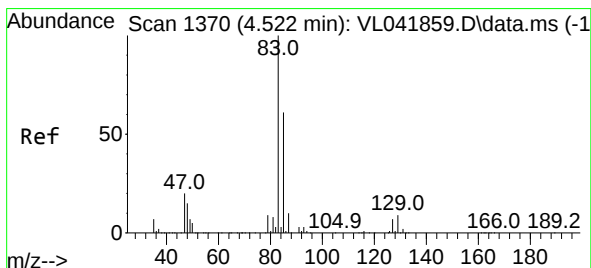
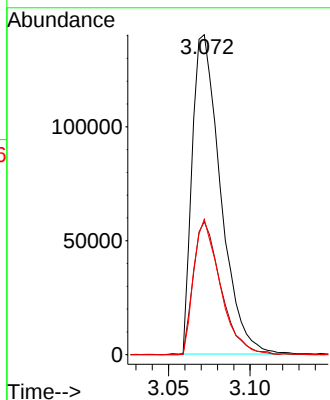
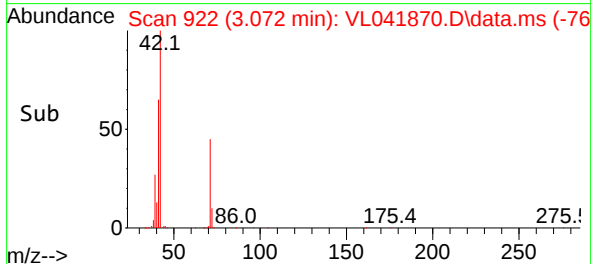


#41
Tetrahydrofuran
Concen: 9.340 ppbv
RT: 3.072 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

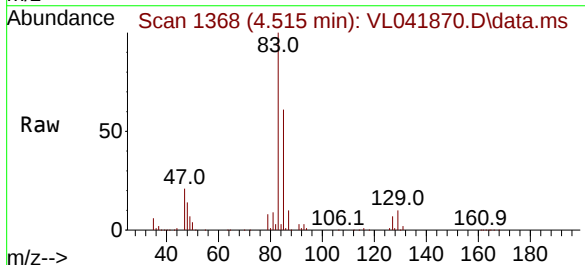
Instrument :
MSVOA_L
ClientSampleId :



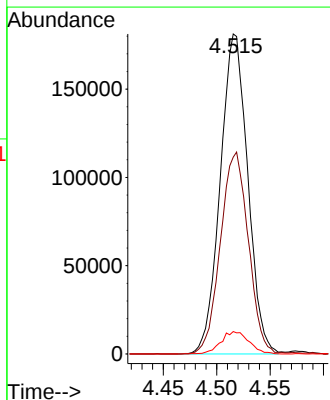
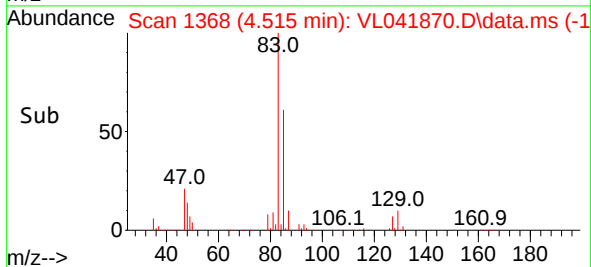
Tgt Ion: 42 Resp: 169639
Ion Ratio Lower Upper
42 100
72 40.5 30.8 46.2
71 39.8 30.1 45.1

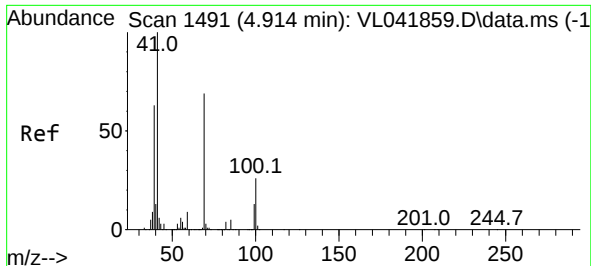


#42
Bromodichloromethane
Concen: 10.429 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32



Tgt Ion: 83 Resp: 324422
Ion Ratio Lower Upper
83 100
85 61.5 48.9 73.3
127 7.0 5.4 8.2

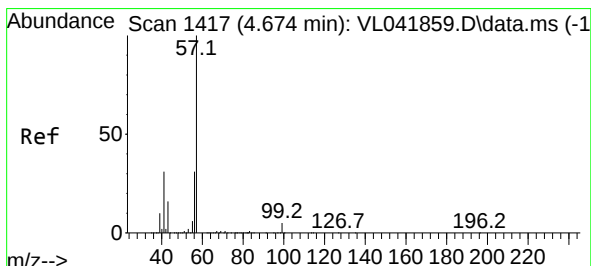
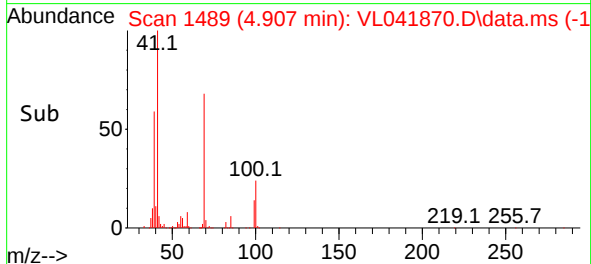
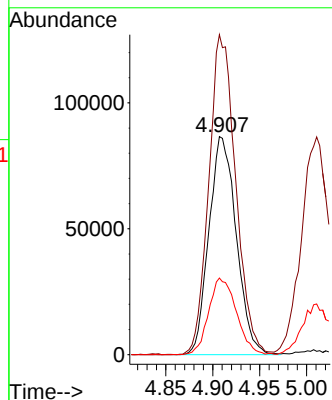
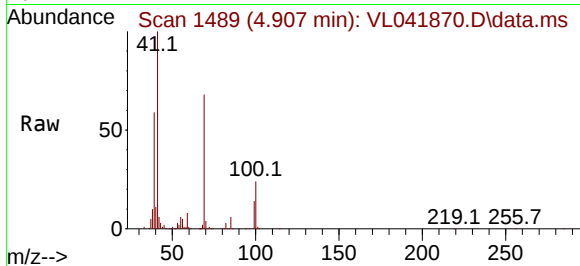




#43
Methyl Methacrylate
Concen: 9.930 ppbv
RT: 4.907 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

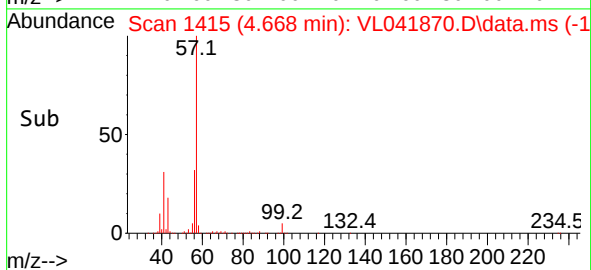
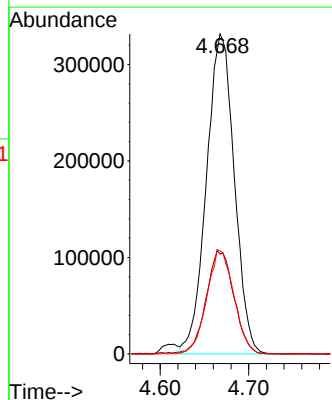
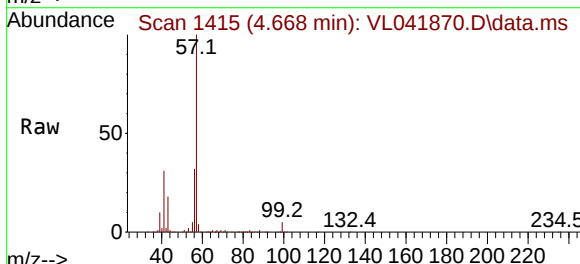
Instrument :
MSVOA_L
ClientSampleId :

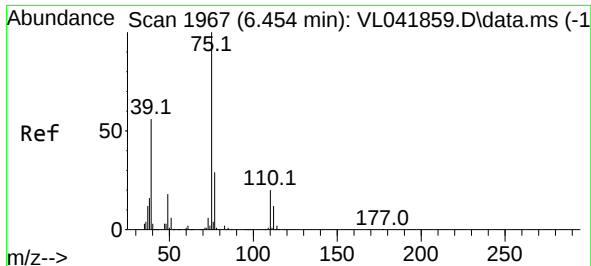
Tgt Ion: 69 Resp: 175507
Ion Ratio Lower Upper
69 100
41 144.1 116.2 174.4
100 35.6 29.8 44.8



#44
2,2,4-Trimethylpentane
Concen: 9.954 ppbv
RT: 4.668 min Scan# 1415
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 57 Resp: 725640
Ion Ratio Lower Upper
57 100
41 32.6 25.5 38.3
56 31.7 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 9.722 ppbv

RT: 6.444 min Scan# 1967

Delta R.T. -0.010 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

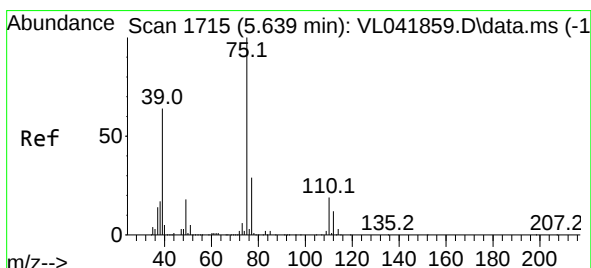
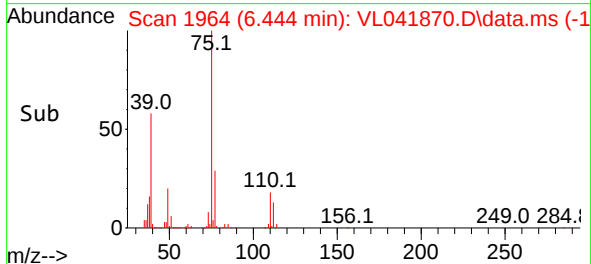
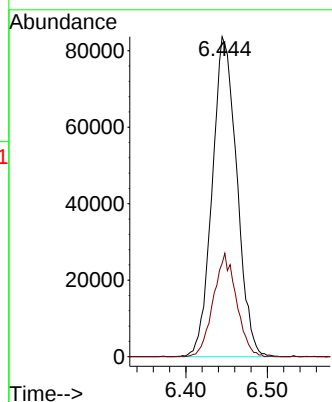
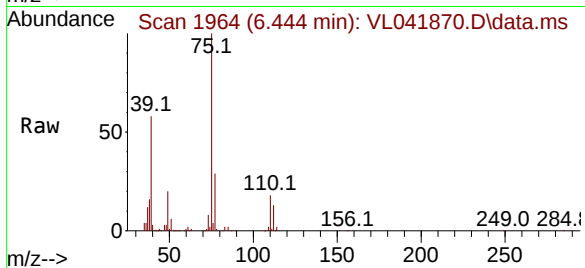
ClientSampleId :

Tgt Ion: 75 Resp: 175855

Ion Ratio Lower Upper

75 100

77 29.2 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 9.688 ppbv

RT: 5.632 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

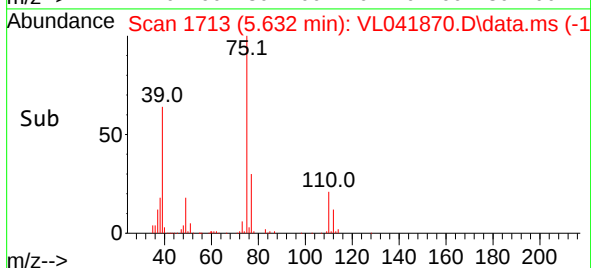
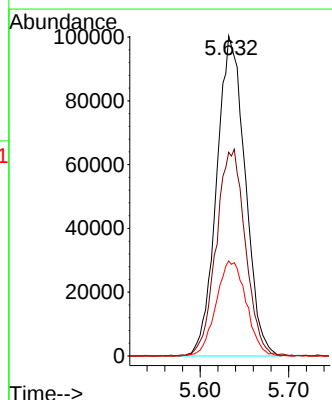
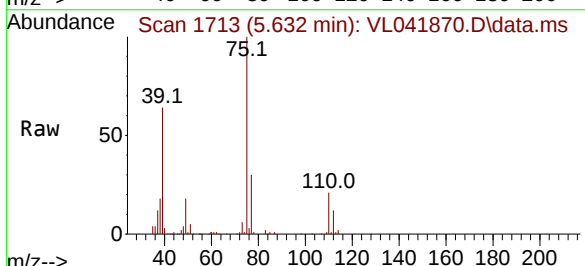
Tgt Ion: 75 Resp: 224860

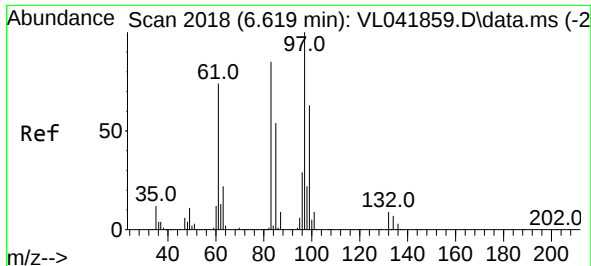
Ion Ratio Lower Upper

75 100

39 63.4 51.4 77.2

77 29.7 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 10.013 ppbv

RT: 6.616 min Scan# 2018

Delta R.T. -0.003 min

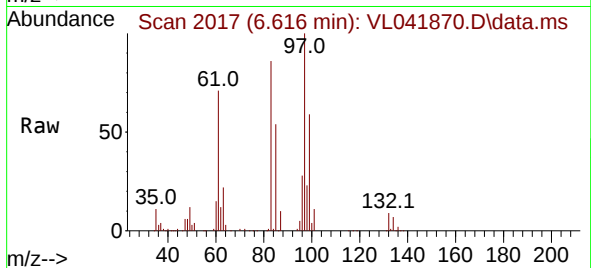
Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 161735

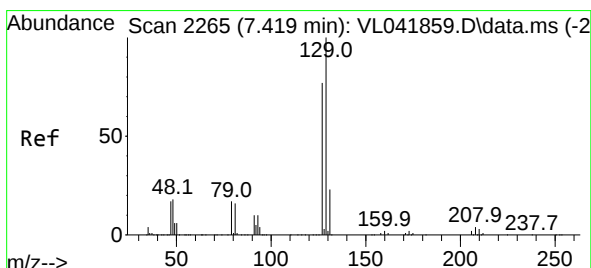
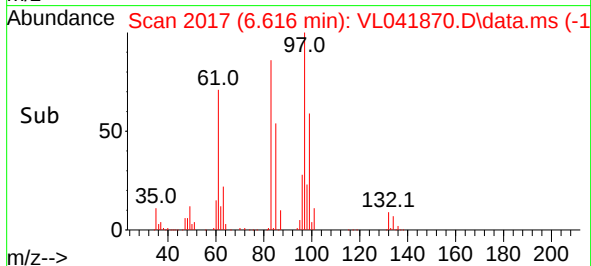
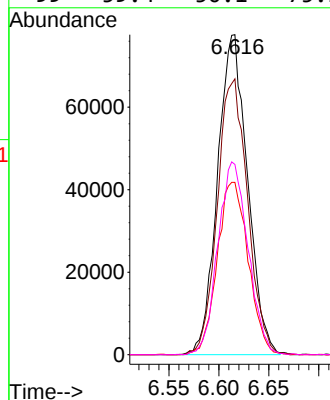
Ion Ratio Lower Upper

97 100

83 86.1 68.1 102.1

85 53.9 43.4 65.2

99 59.4 50.1 75.1



#48

Dibromochloromethane

Concen: 10.656 ppbv

RT: 7.412 min Scan# 2263

Delta R.T. -0.006 min

Lab File: VL041870.D

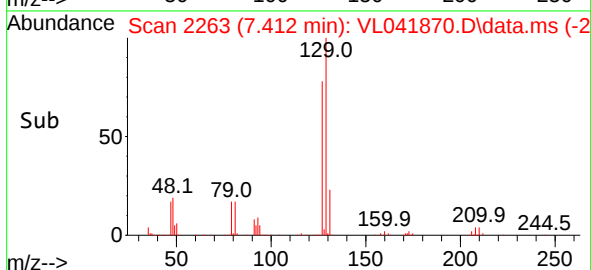
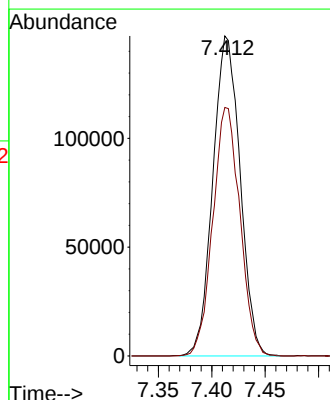
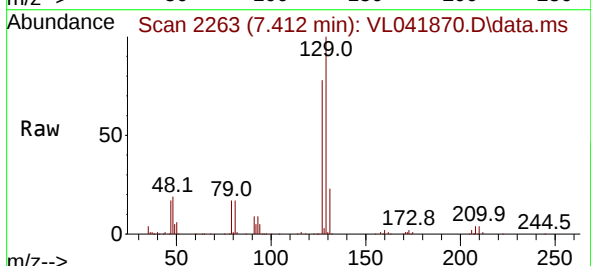
Acq: 09 Jan 2025 17:32

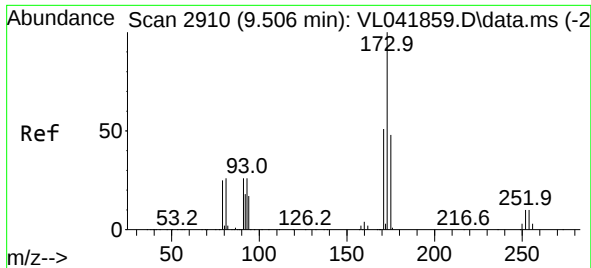
Tgt Ion: 129 Resp: 261021

Ion Ratio Lower Upper

129 100

127 77.2 39.4 118.1

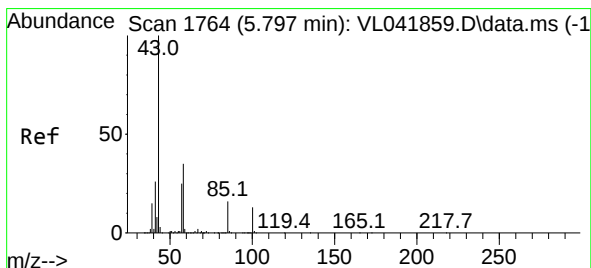
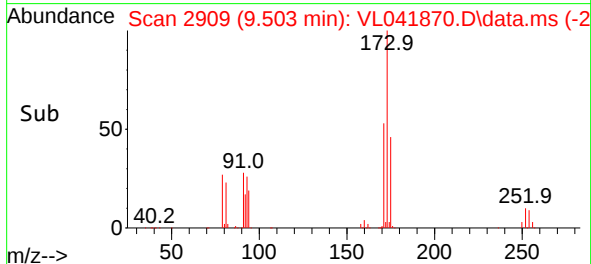
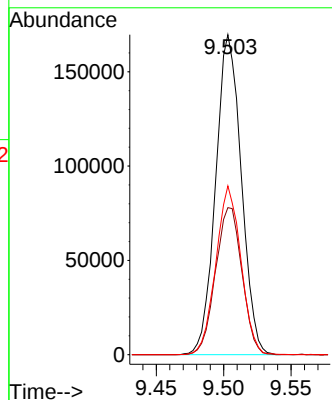
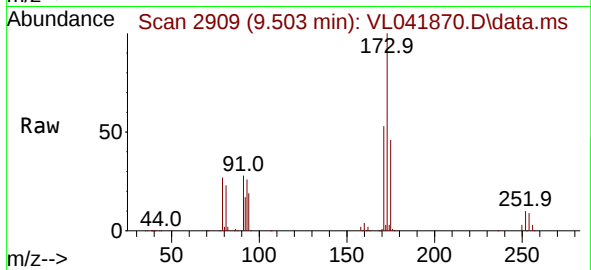




#49
Bromoform
Concen: 10.502 ppbv
RT: 9.503 min Scan# 2910
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

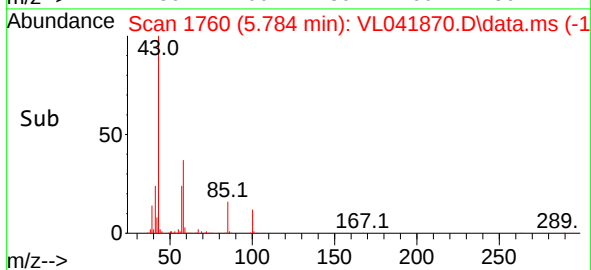
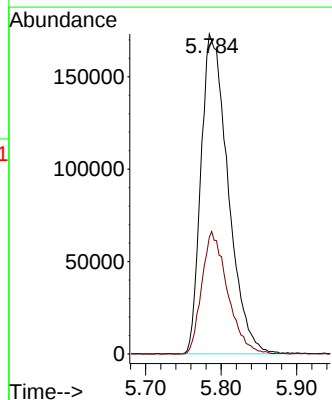
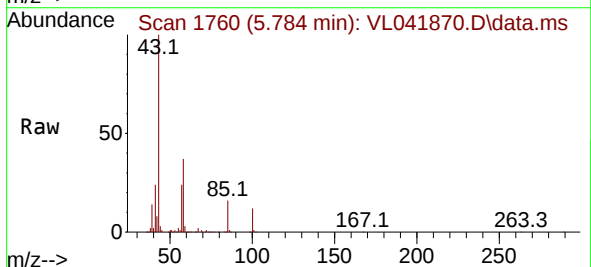
Instrument :
MSVOA_L
ClientSampleId :

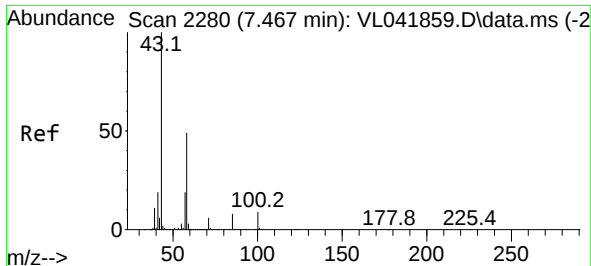
Tgt Ion:173 Resp: 224507
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.2
171 51.6 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 9.735 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. -0.013 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 43 Resp: 429608
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.2

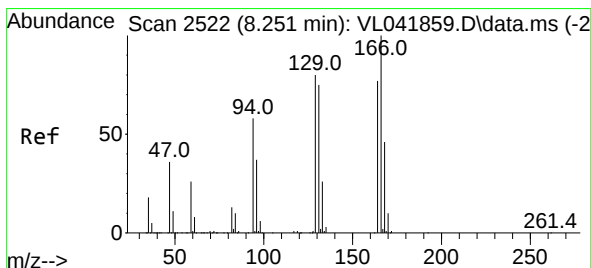
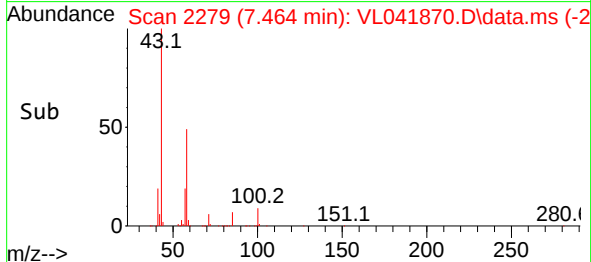
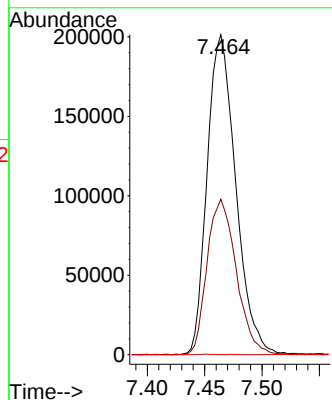
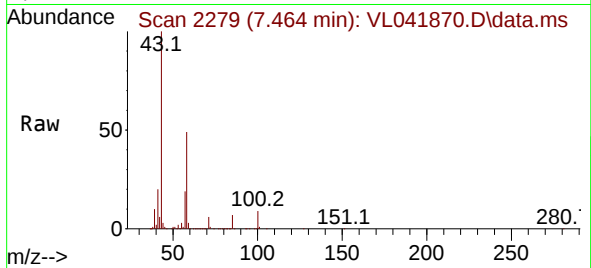




#51
2-Hexanone
Concen: 9.606 ppbv
RT: 7.464 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

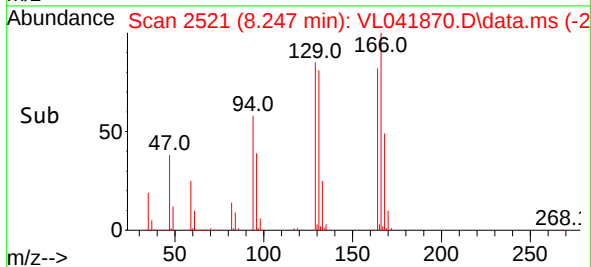
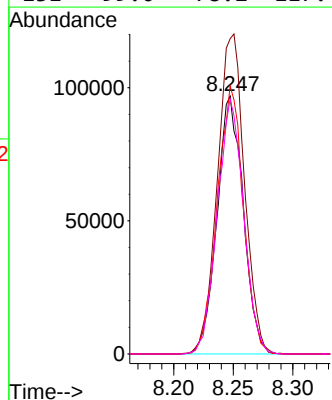
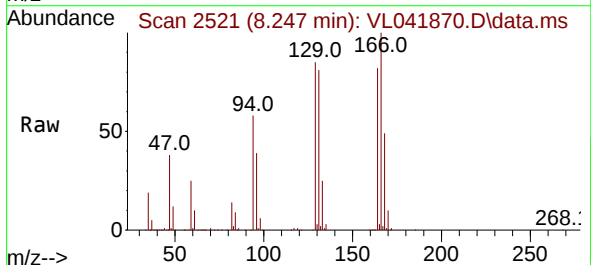
Instrument :
MSVOA_L
ClientSampleId :

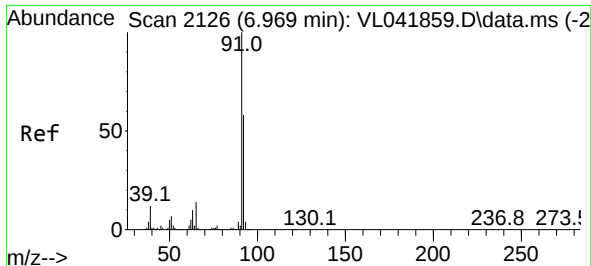
Tgt Ion: 43 Resp: 348688
Ion Ratio Lower Upper
43 100
58 50.0 40.0 60.0
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 8.949 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 164 Resp: 147986
Ion Ratio Lower Upper
164 100
166 122.3 103.6 155.4
129 103.9 82.6 123.8
131 99.0 78.2 117.4

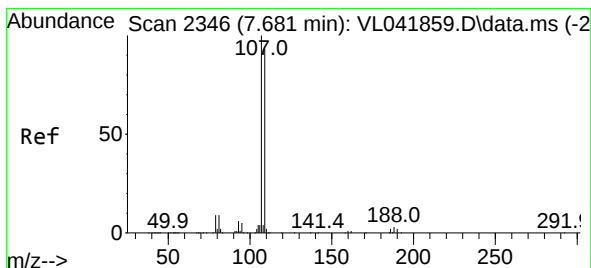
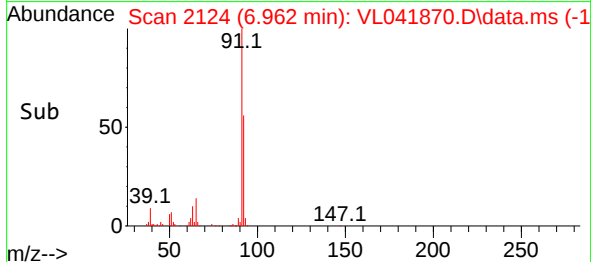
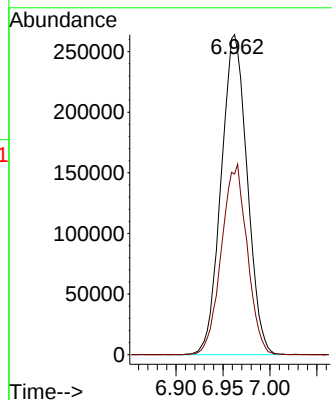
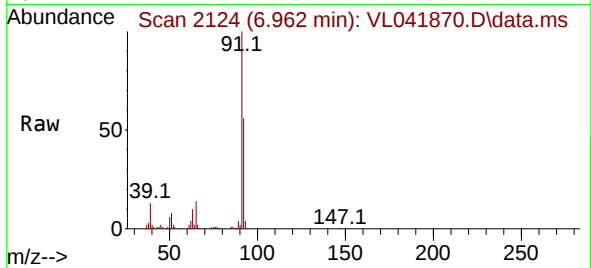




#53
Toluene
Concen: 9.913 ppbv
RT: 6.962 min Scan# 2126
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

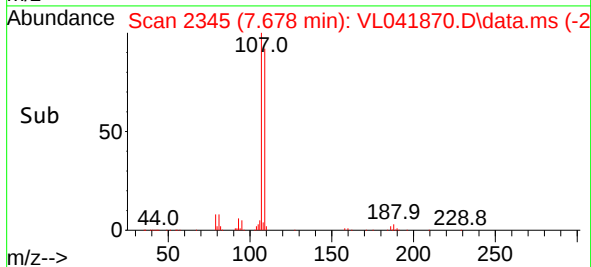
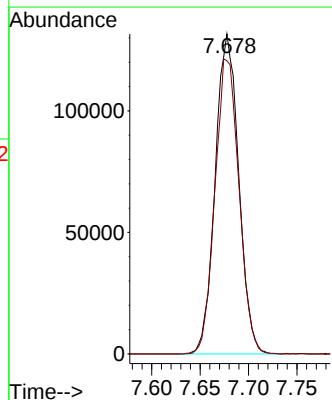
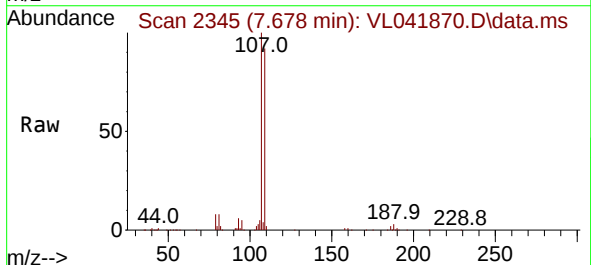
Instrument :
MSVOA_L
ClientSampleId :

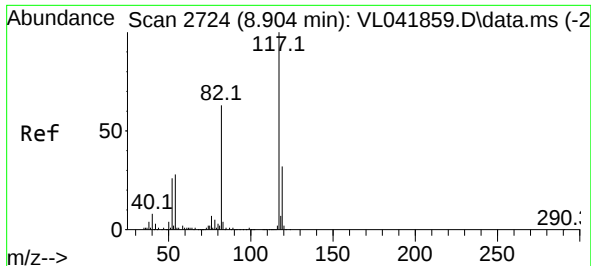
Tgt Ion: 91 Resp: 508818
Ion Ratio Lower Upper
91 100
92 58.9 47.2 70.8



#54
1,2-Dibromoethane
Concen: 10.109 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 107 Resp: 222055
Ion Ratio Lower Upper
107 100
109 91.6 74.6 112.0

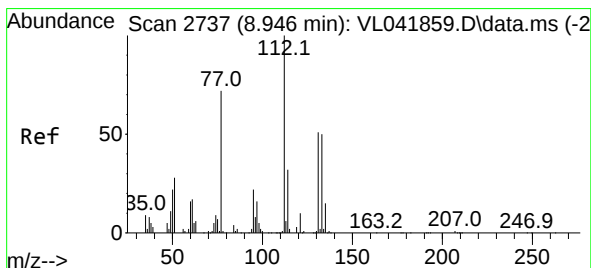
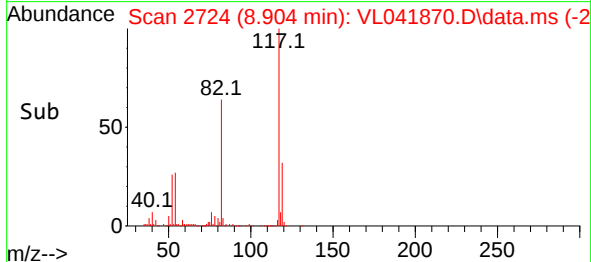
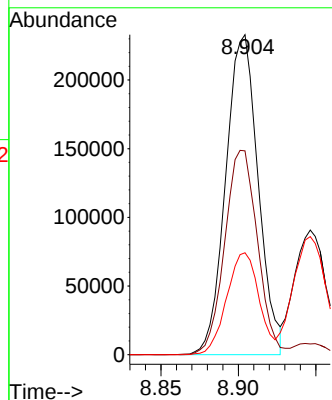
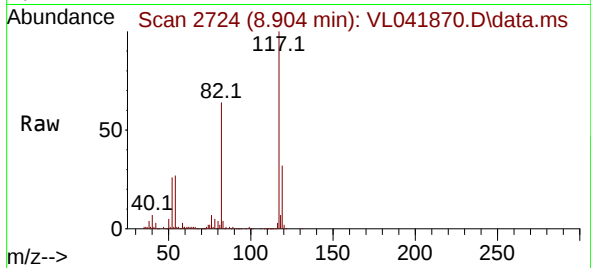




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

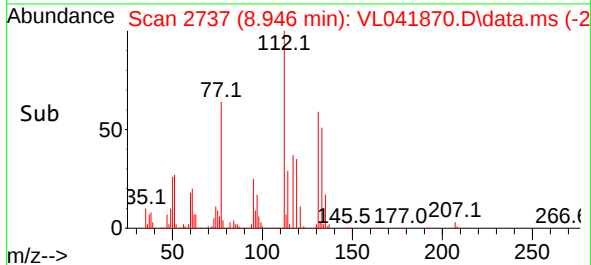
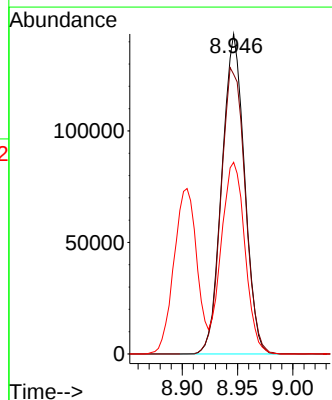
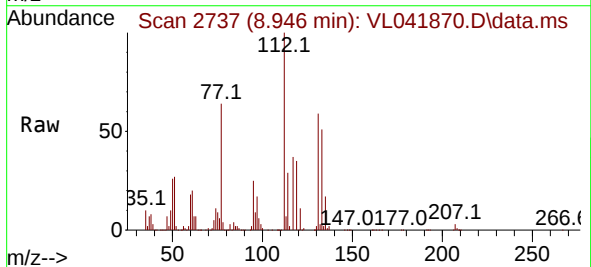
Instrument :
MSVOA_L
ClientSampleId :

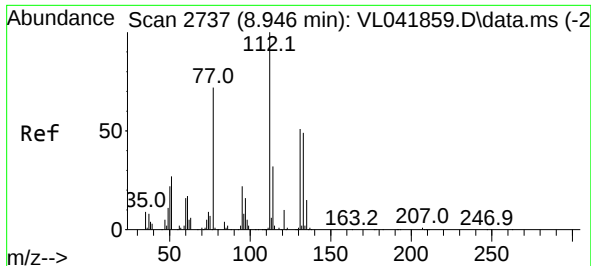
Tgt Ion:117 Resp: 340087
Ion Ratio Lower Upper
117 100
82 68.0 54.5 81.7
119 31.2 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.083 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:131 Resp: 204382
Ion Ratio Lower Upper
131 100
133 95.0 77.4 116.2
119 62.5 49.4 74.0

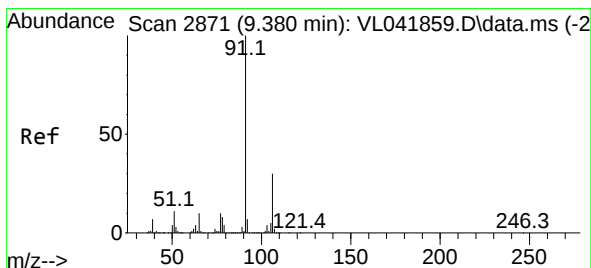
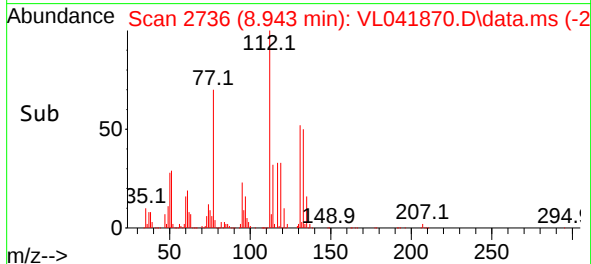
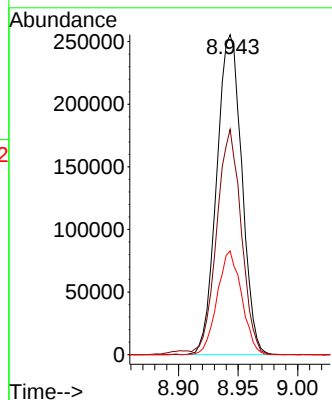
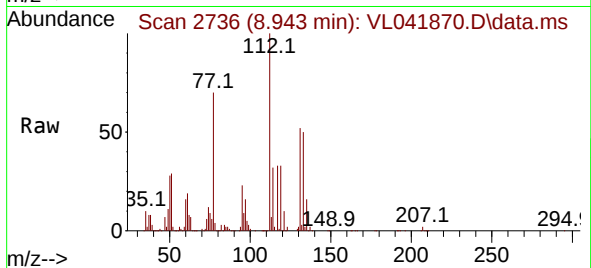




#57
Chlorobenzene
Concen: 9.875 ppbv
RT: 8.943 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

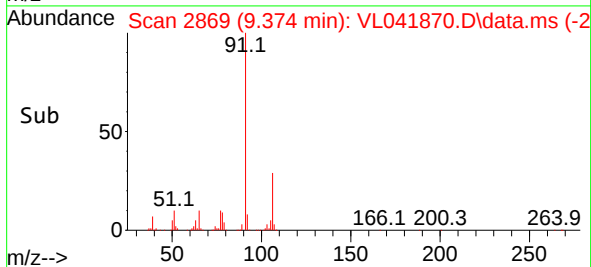
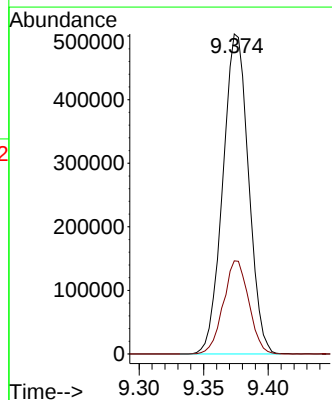
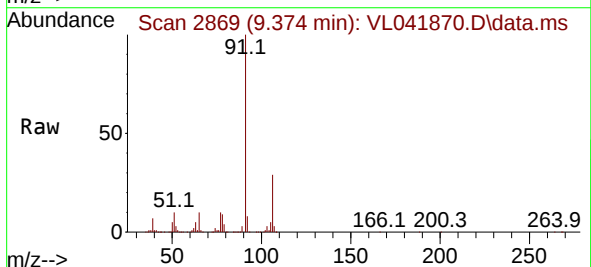
Instrument :
MSVOA_L
ClientSampleId :

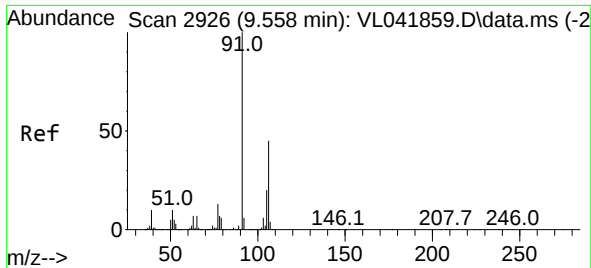
Tgt Ion:112 Resp: 374449
Ion Ratio Lower Upper
112 100
77 70.4 58.3 87.5
114 32.4 28.9 35.3



#58
Ethyl Benzene
Concen: 9.977 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 91 Resp: 697634
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2

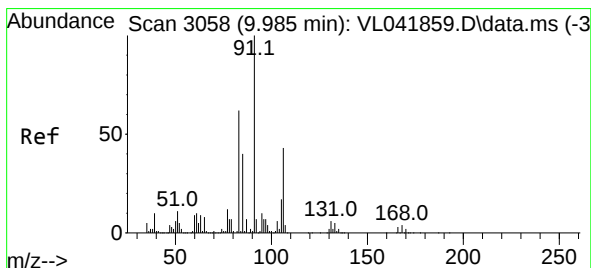
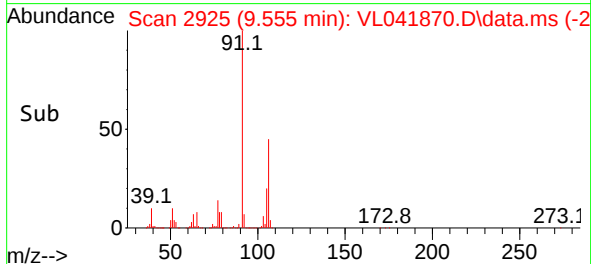
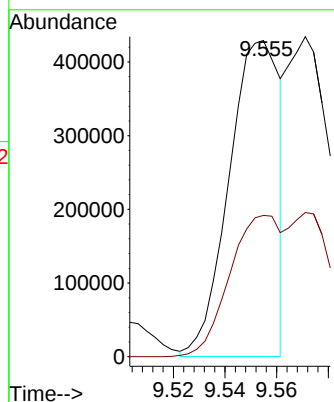
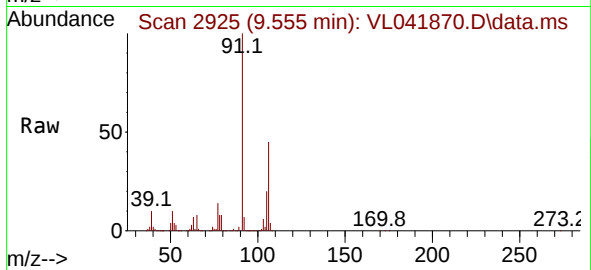




#59
m/p-Xylene
Concen: 10.534 ppbv
RT: 9.555 min Scan# 2925
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

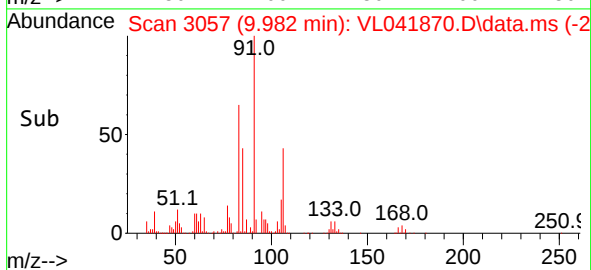
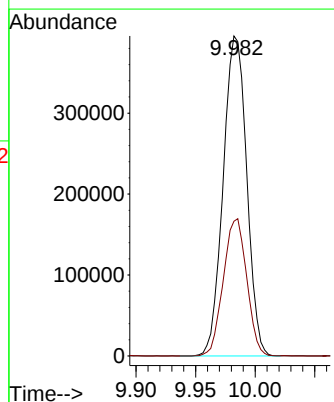
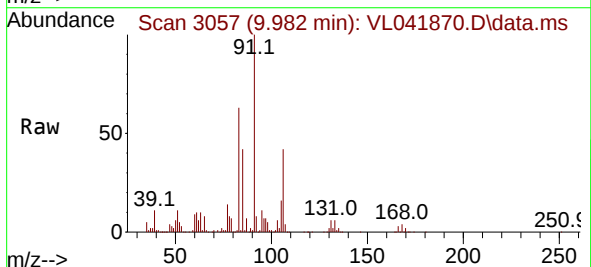
Instrument :
MSVOA_L
ClientSampleId :

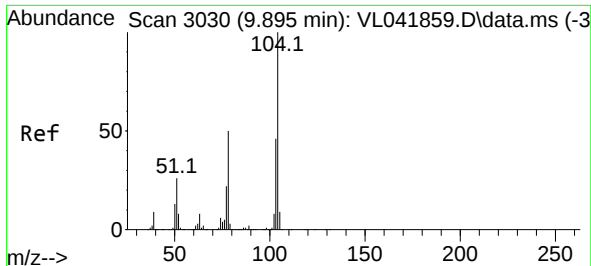
Tgt Ion: 91 Resp: 582104
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 9.850 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 91 Resp: 542913
Ion Ratio Lower Upper
91 100
106 42.6 21.4 64.3

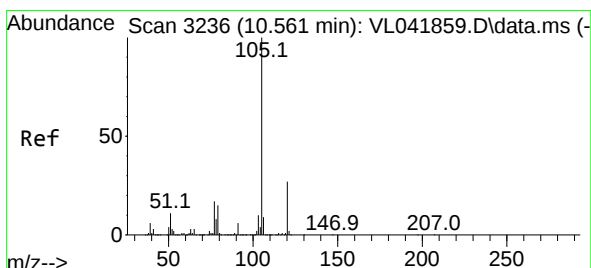
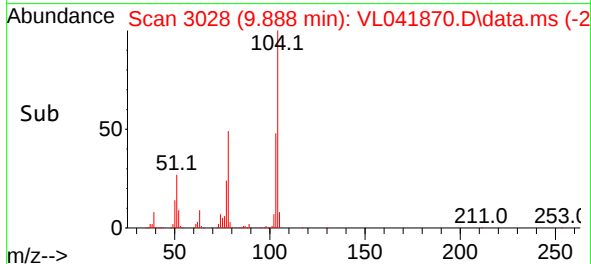
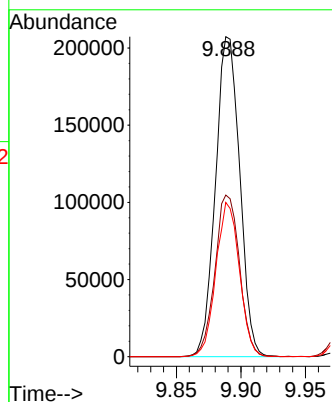
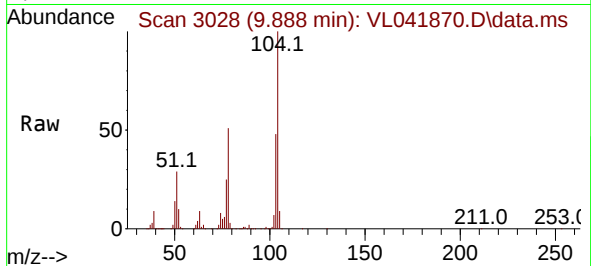




#61
Styrene
Concen: 9.826 ppbv
RT: 9.888 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

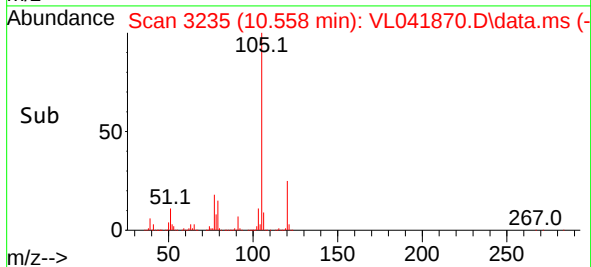
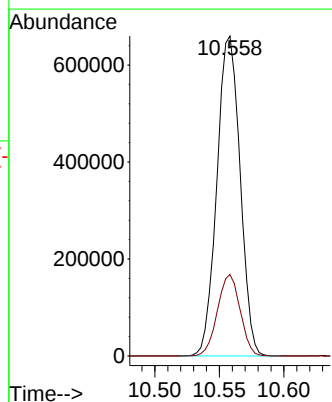
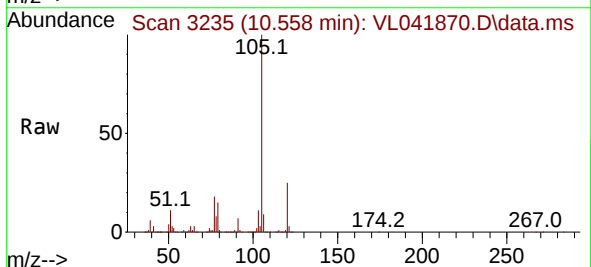
Instrument :
MSVOA_L
ClientSampleId :

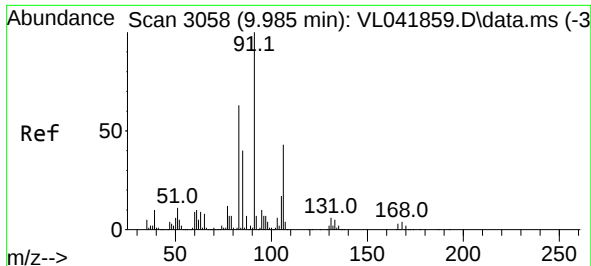
Tgt Ion:104 Resp: 270452
Ion Ratio Lower Upper
104 100
78 51.2 40.7 61.1
103 46.8 37.0 55.6



#62
Isopropylbenzene
Concen: 9.926 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:105 Resp: 823744
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5

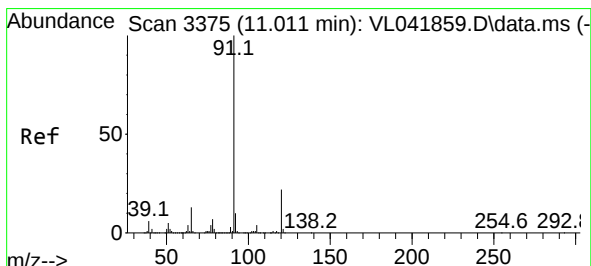
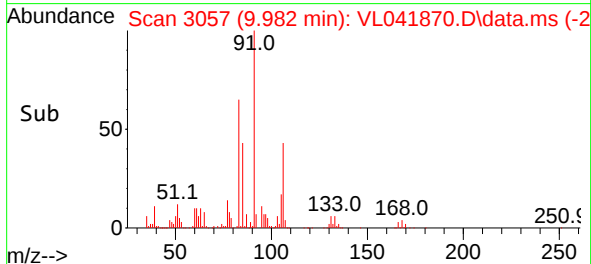
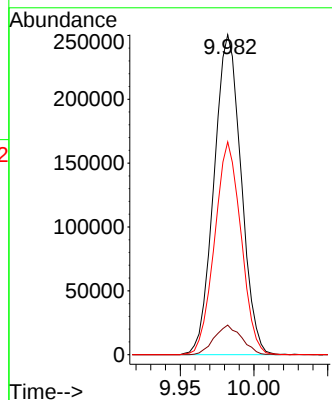
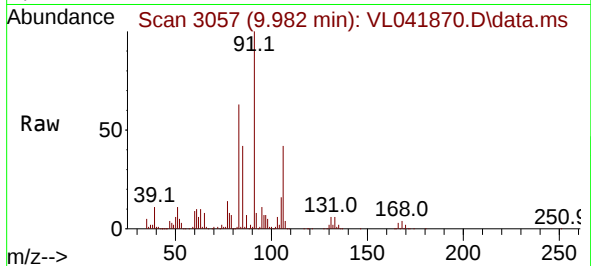




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.668 ppbv
 RT: 9.982 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

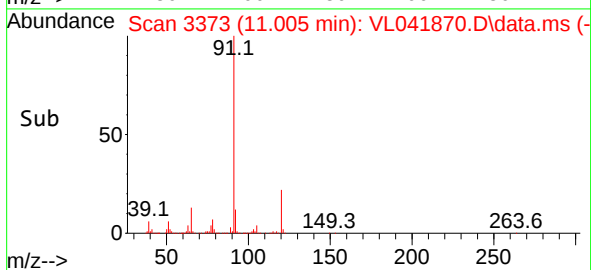
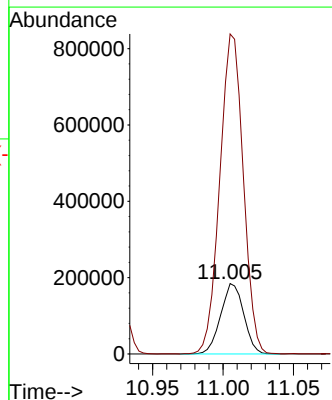
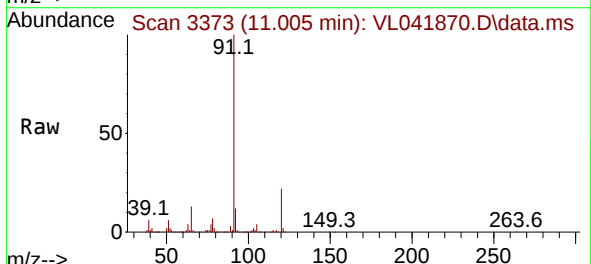
Instrument :
 MSVOA_L
 ClientSampleId :

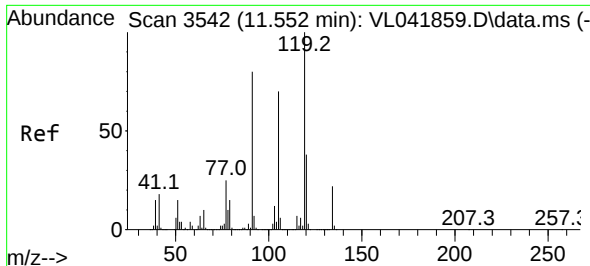
Tgt Ion: 83 Resp: 320068
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 64.8 32.1 96.3



#64
 n-propylbenzene
 Concen: 9.719 ppbv
 RT: 11.005 min Scan# 3373
 Delta R.T. -0.006 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 120 Resp: 210154
 Ion Ratio Lower Upper
 120 100
 91 463.6 376.9 565.3

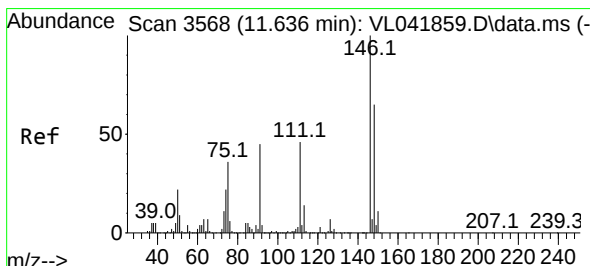
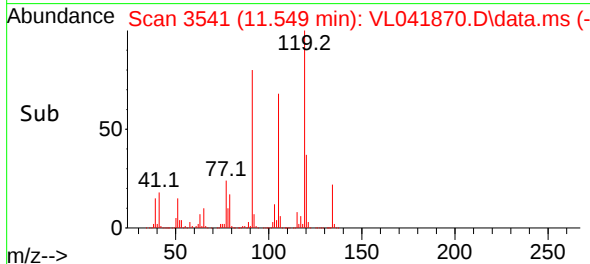
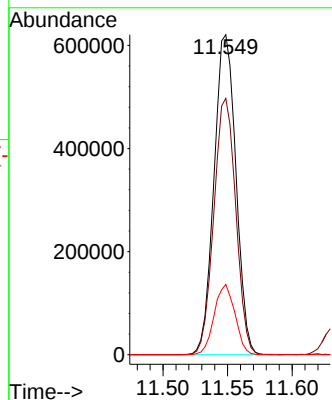
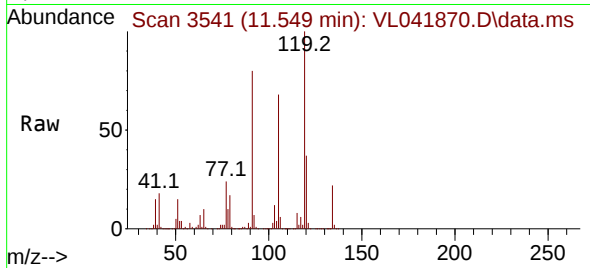




#65
tert-Butylbenzene
Concen: 9.761 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

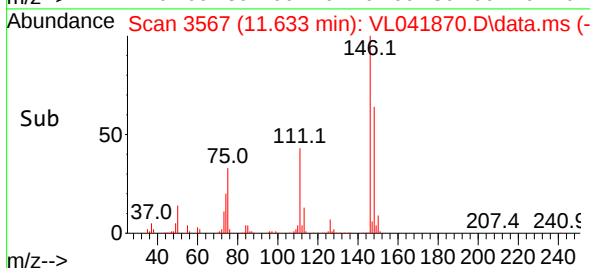
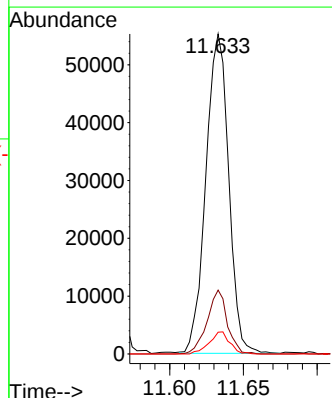
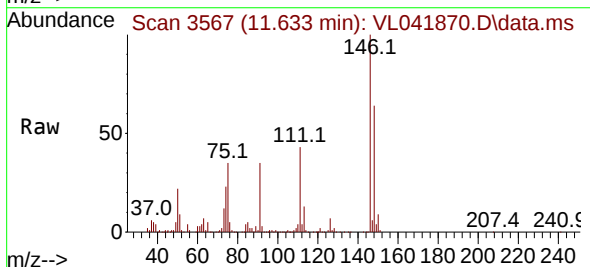
Instrument :
MSVOA_L
ClientSampleId :

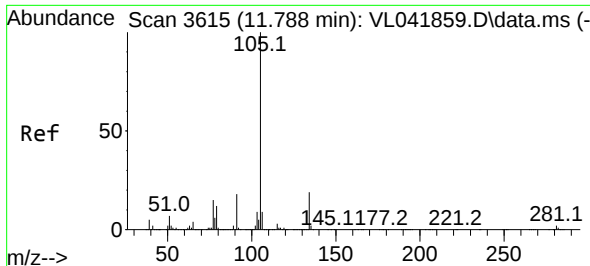
Tgt Ion:119 Resp: 733119
Ion Ratio Lower Upper
119 100
91 80.1 64.6 97.0
134 20.8 16.9 25.3



#66
Benzyl Chloride
Concen: 7.631 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion: 91 Resp: 59367
Ion Ratio Lower Upper
91 100
126 17.7 13.9 20.9
128 6.2 4.8 7.2

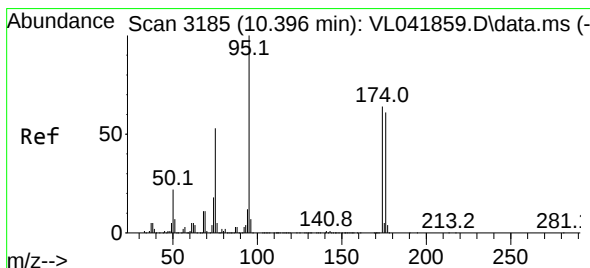
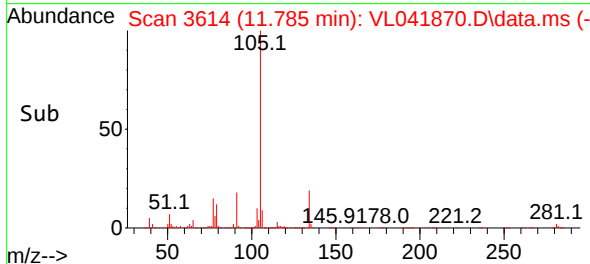
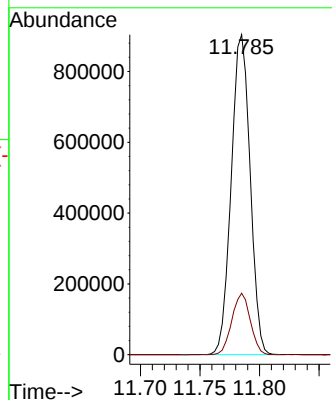
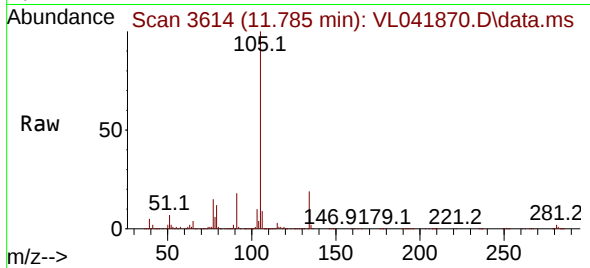




#67
 sec-Butylbenzene
 Concen: 9.642 ppbv
 RT: 11.785 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

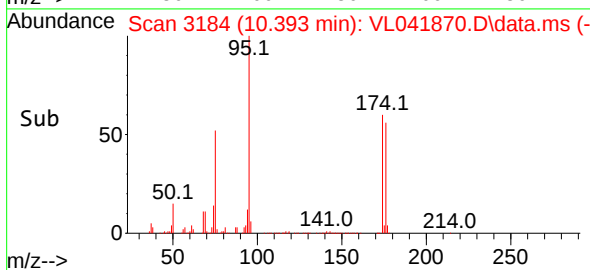
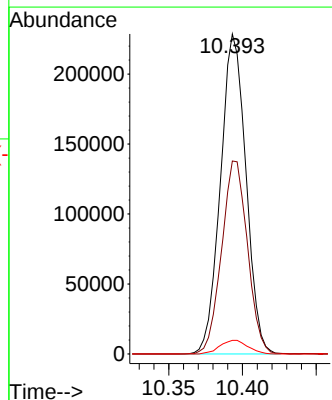
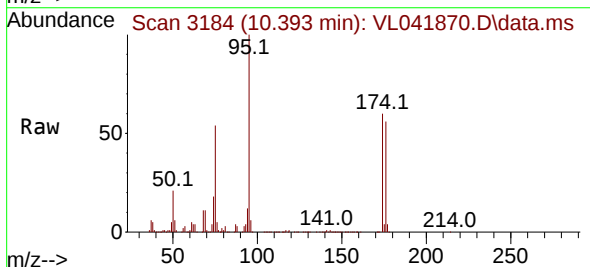
Instrument :
 MSVOA_L
 ClientSampleId :

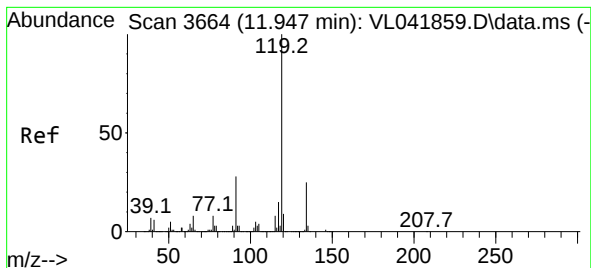
Tgt Ion:105 Resp: 997840
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.069 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion: 95 Resp: 274569
 Ion Ratio Lower Upper
 95 100
 174 61.2 51.1 76.7
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 9.577 ppbv

RT: 11.944 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

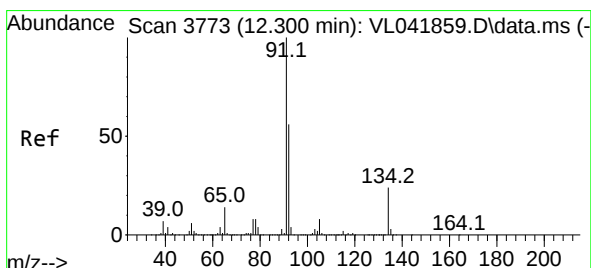
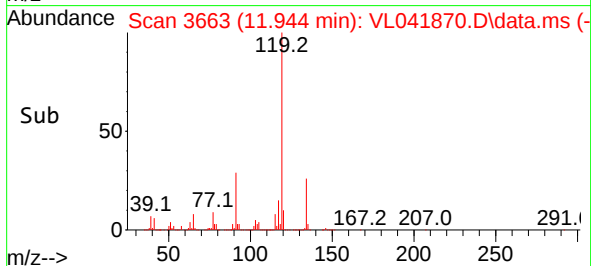
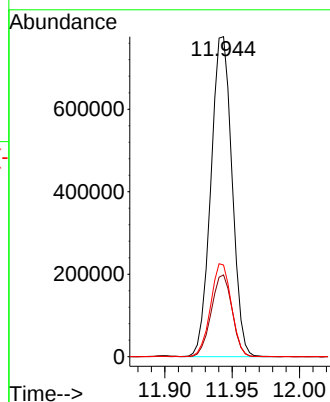
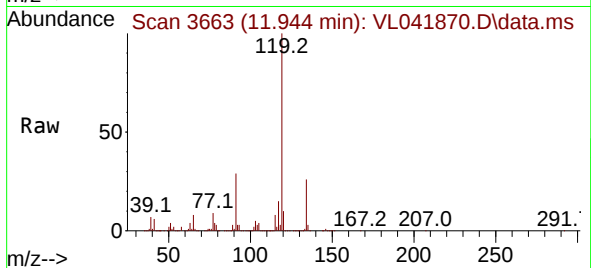
Tgt Ion:119 Resp: 845742

Ion Ratio Lower Upper

119 100

134 25.3 20.3 30.5

91 28.8 22.6 34.0



#70

n-Butylbenzene

Concen: 9.402 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

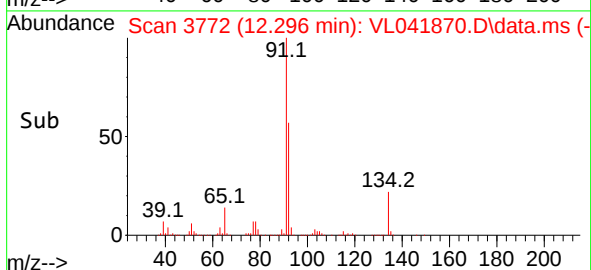
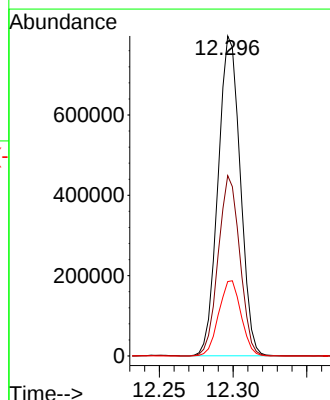
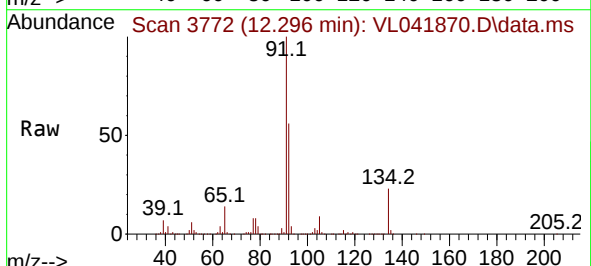
Tgt Ion: 91 Resp: 833307

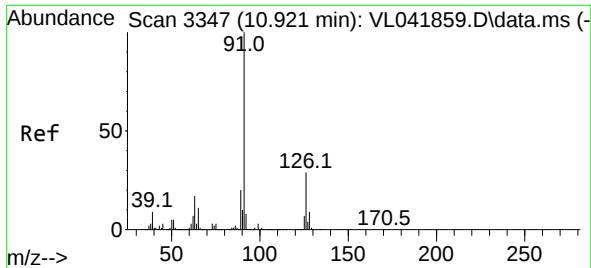
Ion Ratio Lower Upper

91 100

92 55.1 43.8 65.8

134 23.6 19.3 28.9

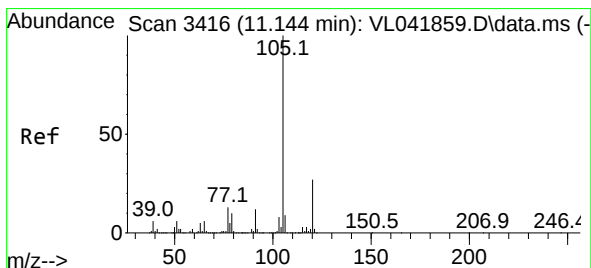
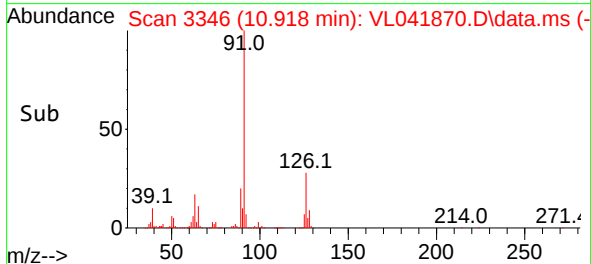
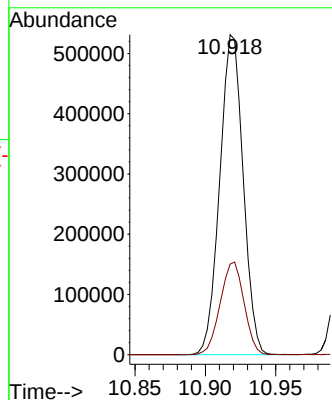
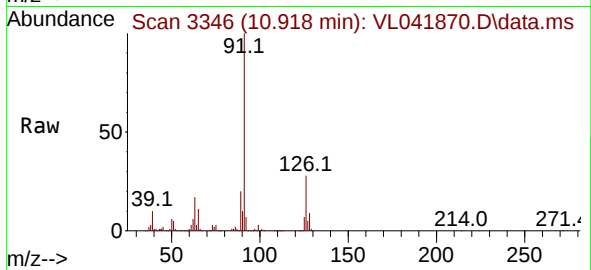




#71
2-Chlorotoluene
Concen: 9.582 ppbv
RT: 10.918 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

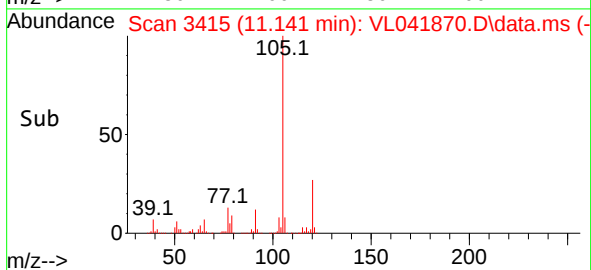
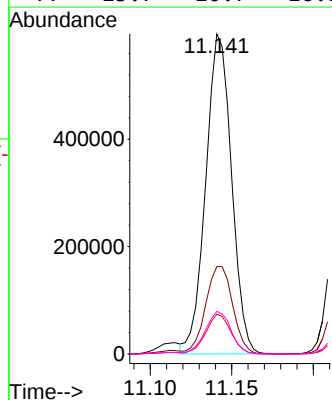
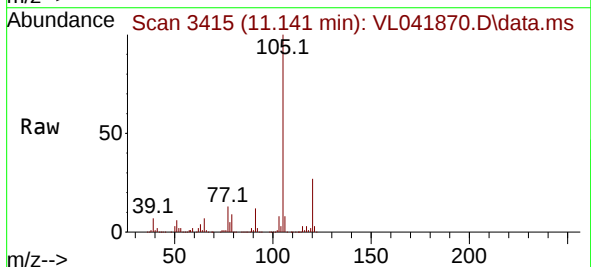
Instrument :
MSVOA_L
ClientSampleId :

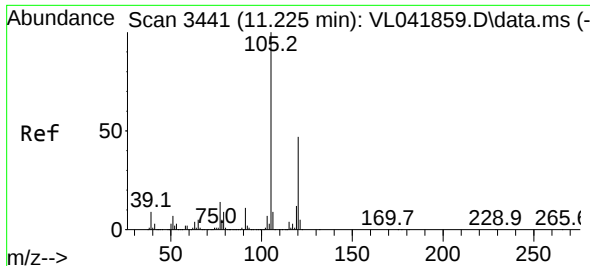
Tgt Ion: 91 Resp: 615640
Ion Ratio Lower Upper
91 100
126 29.4 11.6 46.6



#72
4-Ethyltoluene
Concen: 9.710 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:105 Resp: 656224
Ion Ratio Lower Upper
105 100
120 29.7 23.5 35.3
91 12.6 9.8 14.8
77 13.7 10.7 16.1

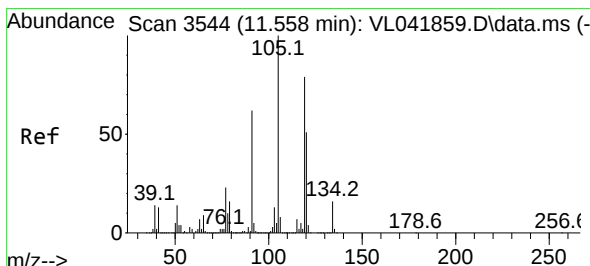
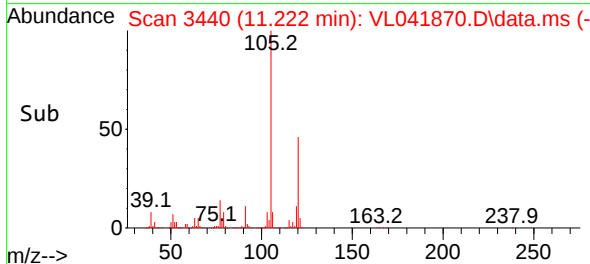
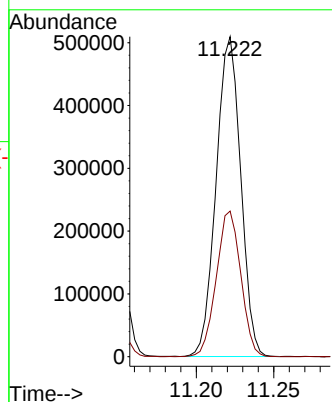
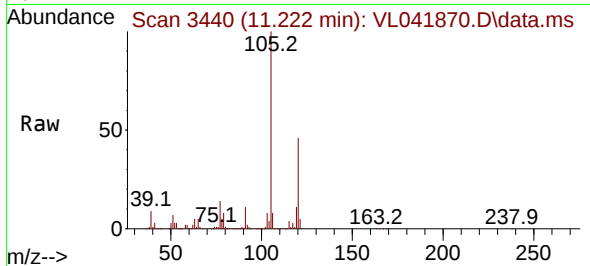




#73
 1,3,5-Trimethylbenzene
 Concen: 9.807 ppbv
 RT: 11.222 min Scan# 3441
 Delta R.T. -0.003 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

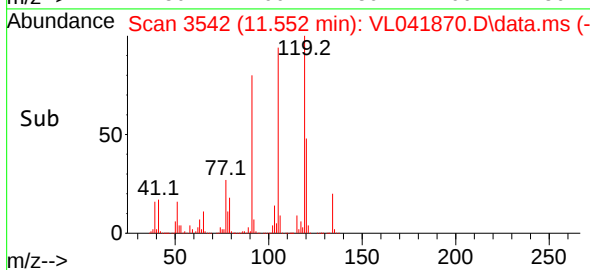
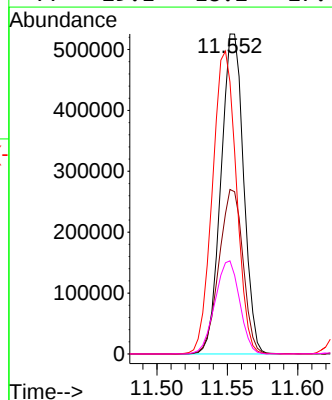
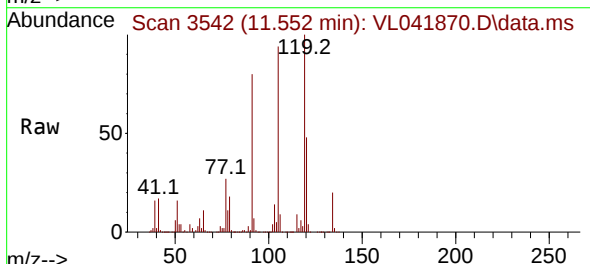
Instrument :
 MSVOA_L
 ClientSampleId :

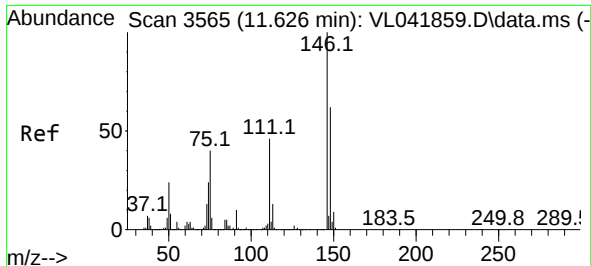
Tgt Ion:105 Resp: 562687
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.2 55.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.416 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Tgt Ion:105 Resp: 586850
 Ion Ratio Lower Upper
 105 100
 120 51.4 41.1 61.7
 91 85.0 50.0 75.0#
 77 29.1 18.2 27.4#

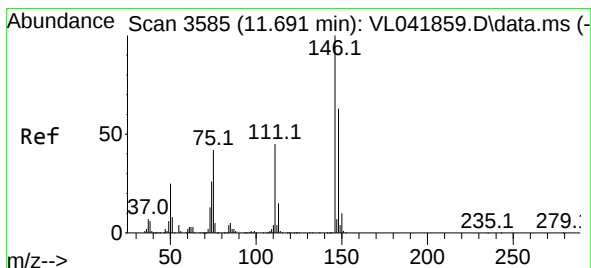
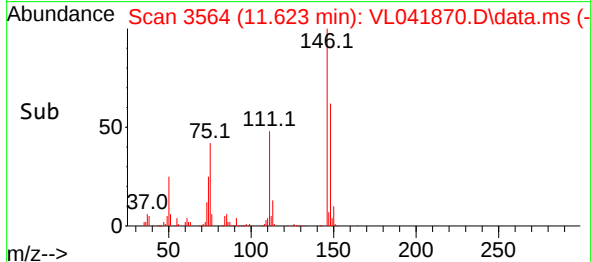
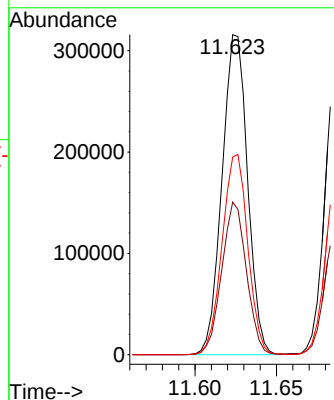
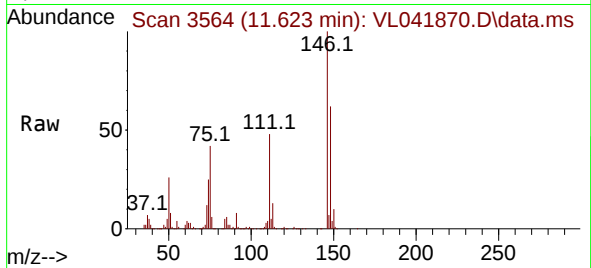




#75
1,3-Dichlorobenzene
Concen: 9.212 ppbv
RT: 11.623 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

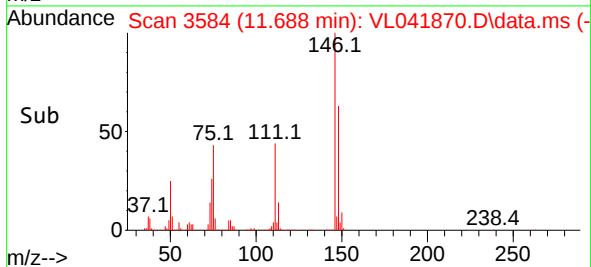
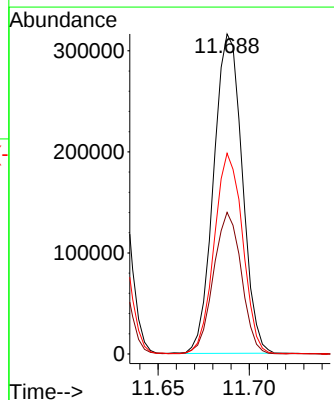
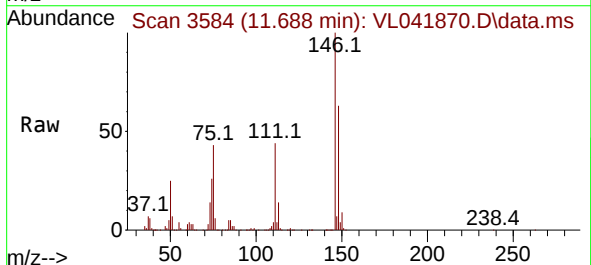
Instrument :
MSVOA_1
ClientSampleId :

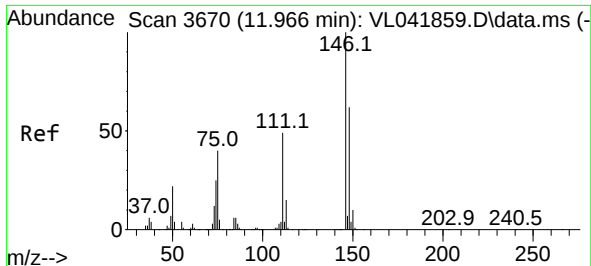
Tgt Ion:146 Resp: 344200
Ion Ratio Lower Upper
146 100
111 46.2 23.2 69.5
148 63.0 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 9.299 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:146 Resp: 343950
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.1
148 62.8 31.2 93.6

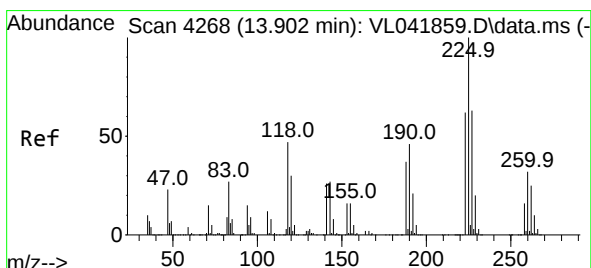
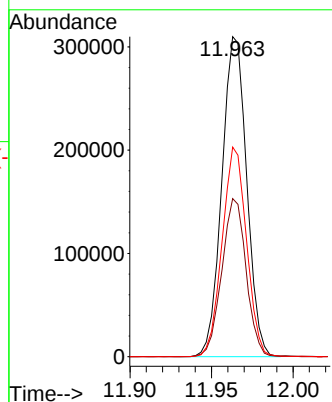
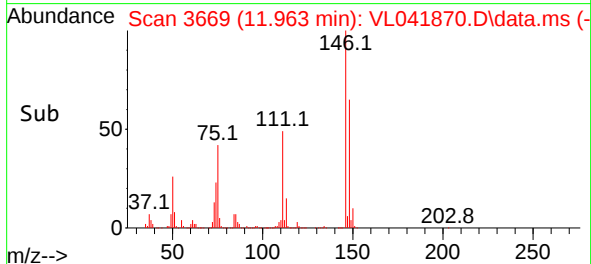
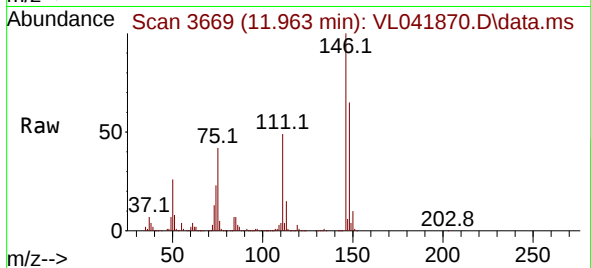




#77
1,2-Dichlorobenzene
Concen: 9.288 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

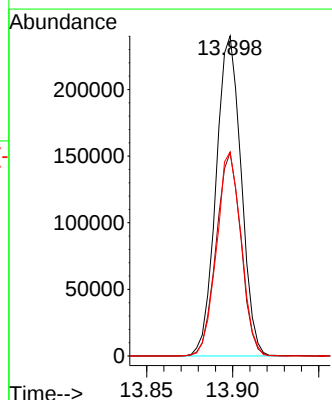
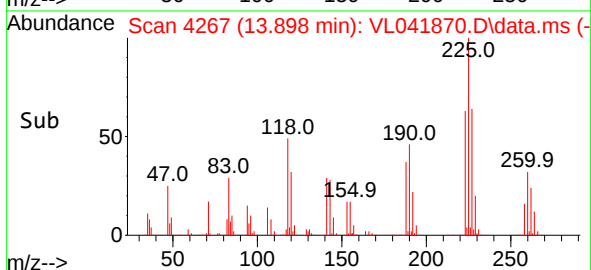
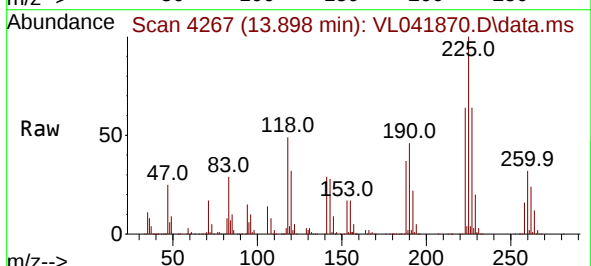
Instrument :
MSVOA_L
ClientSampleId :

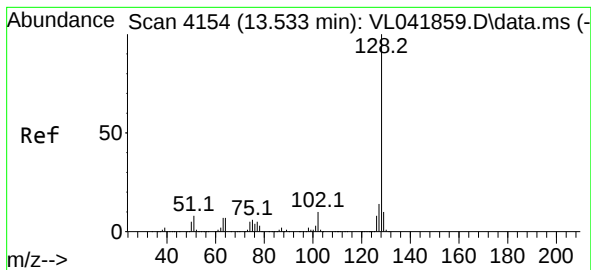
Tgt Ion:146 Resp: 328031
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.3
148 64.2 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 8.032 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041870.D
Acq: 09 Jan 2025 17:32

Tgt Ion:225 Resp: 243823
Ion Ratio Lower Upper
225 100
223 62.5 50.6 75.8
227 62.4 50.9 76.3





#79

Naphthalene

Concen: 7.800 ppbv

RT: 13.529 min Scan# 4153

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

Instrument :

MSVOA_L

ClientSampleId :

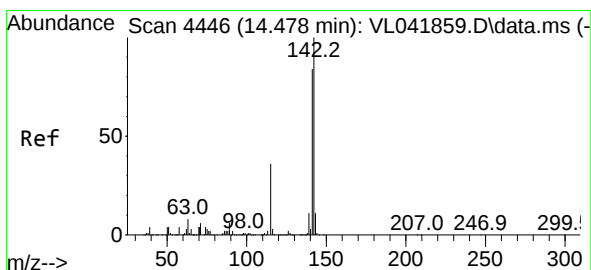
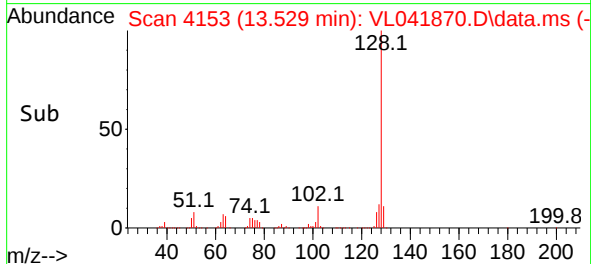
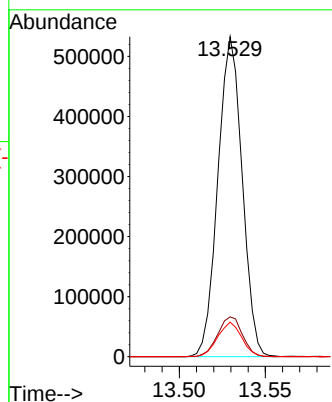
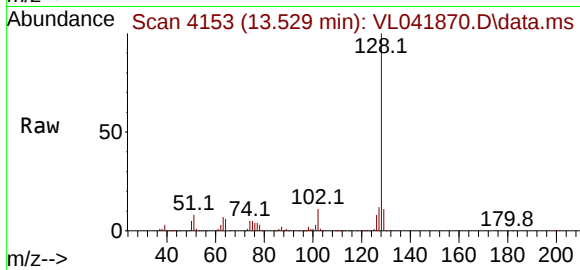
Tgt Ion:128 Resp: 523668

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.8 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 5.538 ppbv

RT: 14.475 min Scan# 4445

Delta R.T. -0.003 min

Lab File: VL041870.D

Acq: 09 Jan 2025 17:32

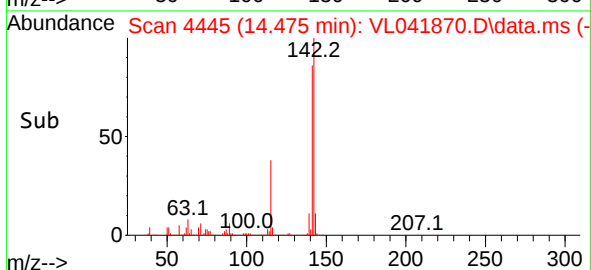
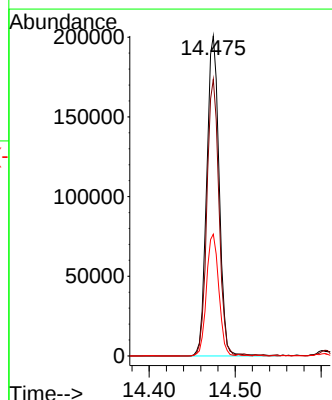
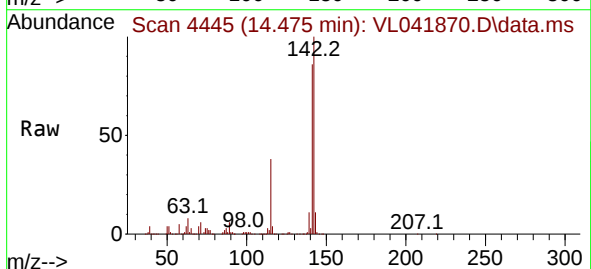
Tgt Ion:142 Resp: 200530

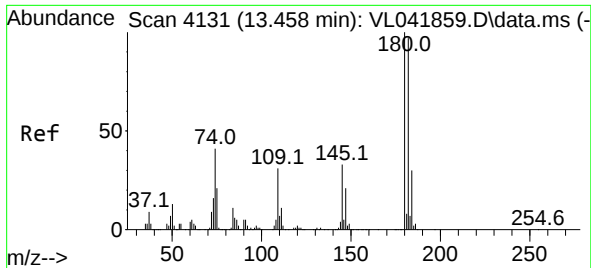
Ion Ratio Lower Upper

142 100

141 84.9 68.2 102.4

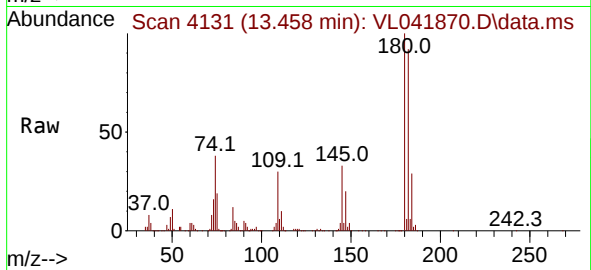
115 38.2 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 7.954 ppbv
 RT: 13.458 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041870.D
 Acq: 09 Jan 2025 17:32

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 254295
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.8 113.8
 184 29.7 24.1 36.1

