

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041837.D
 Acq On : 07 Jan 2025 08:48
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 00:51:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 07 13:48:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	95155	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.982	114	223631	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	186235	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	160501	10.062	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8262	0.529	ppbv	98
3) Chlorodifluoromethane	1.480	51	7531	0.505	ppbv	100
4) Chloromethane	1.538	50	3336	0.520	ppbv	99
5) Vinyl Chloride	1.587	62	2939	0.454	ppbv	96
6) Bromomethane	1.671	94	1459	0.526	ppbv	96
7) Chloroethane	1.710	64	1302	0.522	ppbv	100
8) Dichlorotetrafluoroethane	1.561	85	7015	0.521	ppbv	98
9) Propene	1.489	41	2286	0.440	ppbv	90
10) Heptane	5.008	43	2511	0.196	ppbv #	47
11) Trichlorofluoromethane	1.884	101	7790	0.491	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.153	101	5937	0.502	ppbv	99
13) Ethanol	1.729	45	595	1.007	ppbv	95
14) Bromoethene	1.790	108	1692	0.437	ppbv #	67
15) Acetone	1.845	43	9962	0.569	ppbv	91
16) 1,3-Butadiene	1.616	39	3790	0.552	ppbv #	83
17) tert-Butyl alcohol	2.053	59	7630	0.503	ppbv	99
18) 1,1-Dichloroethene	2.043	96	2684	0.542	ppbv	95
19) Isopropyl Alcohol	1.897	45	4104	0.499	ppbv #	96
20) Methylene Chloride	2.069	84	3205	0.640	ppbv #	94
21) Allyl Chloride	2.108	41	4552	0.504	ppbv	90
22) trans-1,2-Dichloroethene	2.350	96	2688	0.486	ppbv	79
23) Vinyl Acetate	2.473	43	2750	0.489	ppbv #	73
24) 1,1-Dichloroethane	2.418	63	6156	0.508	ppbv #	95
25) Ethyl Acetate	2.855	43	12162	0.414	ppbv #	96
26) Hexane	2.842	57	3899	0.382	ppbv #	73
27) Carbon Disulfide	2.159	76	4188	0.433	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	3792	0.493	ppbv	99
29) Chloroform	2.862	83	9345	0.493	ppbv	92
30) Cyclohexane	3.872	84	1301	0.168	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	4510	0.430	ppbv	96
32) 1,1,1-Trichloroethane	3.383	97	7876	0.459	ppbv	95
34) 2-Butanone	2.577	43	7755	0.440	ppbv	95
35) Carbon Tetrachloride	3.784	117	8164	0.483	ppbv	88
36) Benzene	3.677	78	9013	0.422	ppbv	96
37) 1,2-Dichloroethane	3.234	62	6912	0.492	ppbv	100
38) Trichloroethene	4.574	130	1823	0.218	ppbv #	75
39) 1,2-Dichloropropane	4.344	63	1732	0.210	ppbv #	88
40) 1,4-Dioxane	4.629	88	295	0.092	ppbv #	17
41) Tetrahydrofuran	3.082	42	3192	0.384	ppbv	90
42) Bromodichloromethane	4.522	83	2215	0.134	ppbv #	93
43) Methyl Methacrylate	4.917	69	1099	0.164	ppbv #	1
44) 2,2,4-Trimethylpentane	4.668	57	12383	0.352	ppbv #	84
45) t-1,3-Dichloropropene	6.448	75	2629	0.401	ppbv #	86

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Instrument :
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Quant Time: Jan 08 00:51:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 07 13:48:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.639	75	1407	0.163	ppbv	#	86
47) 1,1,2-Trichloroethane	6.616	97	2135	0.244	ppbv	#	54
48) Dibromochloromethane	7.422	129	1066	0.096	ppbv	#	11
49) Bromoform	9.500	173	3642	0.408	ppbv		97
50) 4-Methyl-2-Pentanone	5.801	43	3014	0.148	ppbv	#	27
51) 2-Hexanone	7.471	43	3767	0.244	ppbv	#	83
52) Tetrachloroethene	8.251	164	1337	0.211	ppbv		90
53) Toluene	6.966	91	3000	0.158	ppbv	#	26
54) 1,2-Dibromoethane	7.678	107	4936	0.461	ppbv	#	75
56) 1,1,1,2-Tetrachloroethane	8.943	131	5258	0.495	ppbv	#	1
57) Chlorobenzene	8.940	112	9903	0.509	ppbv	#	85
58) Ethyl Benzene	9.374	91	7921	0.312	ppbv		99
59) m/p-Xylene	9.568	91	6202	0.277	ppbv	#	30
60) o-Xylene	9.986	91	6160	0.283	ppbv		97
61) Styrene	9.885	104	1705	0.202	ppbv	#	27
62) Isopropylbenzene	10.558	105	11291	0.330	ppbv		96
63) 1,1,2,2-Tetrachloroethane	9.982	83	9136	0.478	ppbv		96
64) n-propylbenzene	11.008	120	2671	0.304	ppbv		98
65) tert-Butylbenzene	11.552	119	8701	0.282	ppbv		97
66) Benzyl Chloride	11.633	91	1132	0.439	ppbv	#	87
67) sec-Butylbenzene	11.785	105	12985	0.288	ppbv		99
69) p-Isopropyltoluene	11.941	119	10032	0.284	ppbv		95
70) n-Butylbenzene	12.297	91	9747	0.274	ppbv		99
71) 2-Chlorotoluene	10.918	91	8206	0.330	ppbv		100
72) 4-Ethyltoluene	11.141	105	7403	0.281	ppbv		98
73) 1,3,5-Trimethylbenzene	11.219	105	6330	0.274	ppbv		99
74) 1,2,4-Trimethylbenzene	11.552	105	7641	0.286	ppbv	#	88
75) 1,3-Dichlorobenzene	11.623	146	7551	0.422	ppbv		100
76) 1,4-Dichlorobenzene	11.688	146	6728	0.391	ppbv		98
77) 1,2-Dichlorobenzene	11.963	146	7641	0.410	ppbv		97
78) Hexachloro-1,3-Butadiene	13.899	225	5579	0.421	ppbv		99
79) Naphthalene	13.530	128	4739	0.241	ppbv	#	96
80) Naphthalene,2-methyl-	14.475	142	1462	0.201	ppbv		98
81) 1,2,4-Trichlorobenzene	13.455	180	3607	0.330	ppbv		95

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

Instrument :

MSVOA L

ClientSampleId :

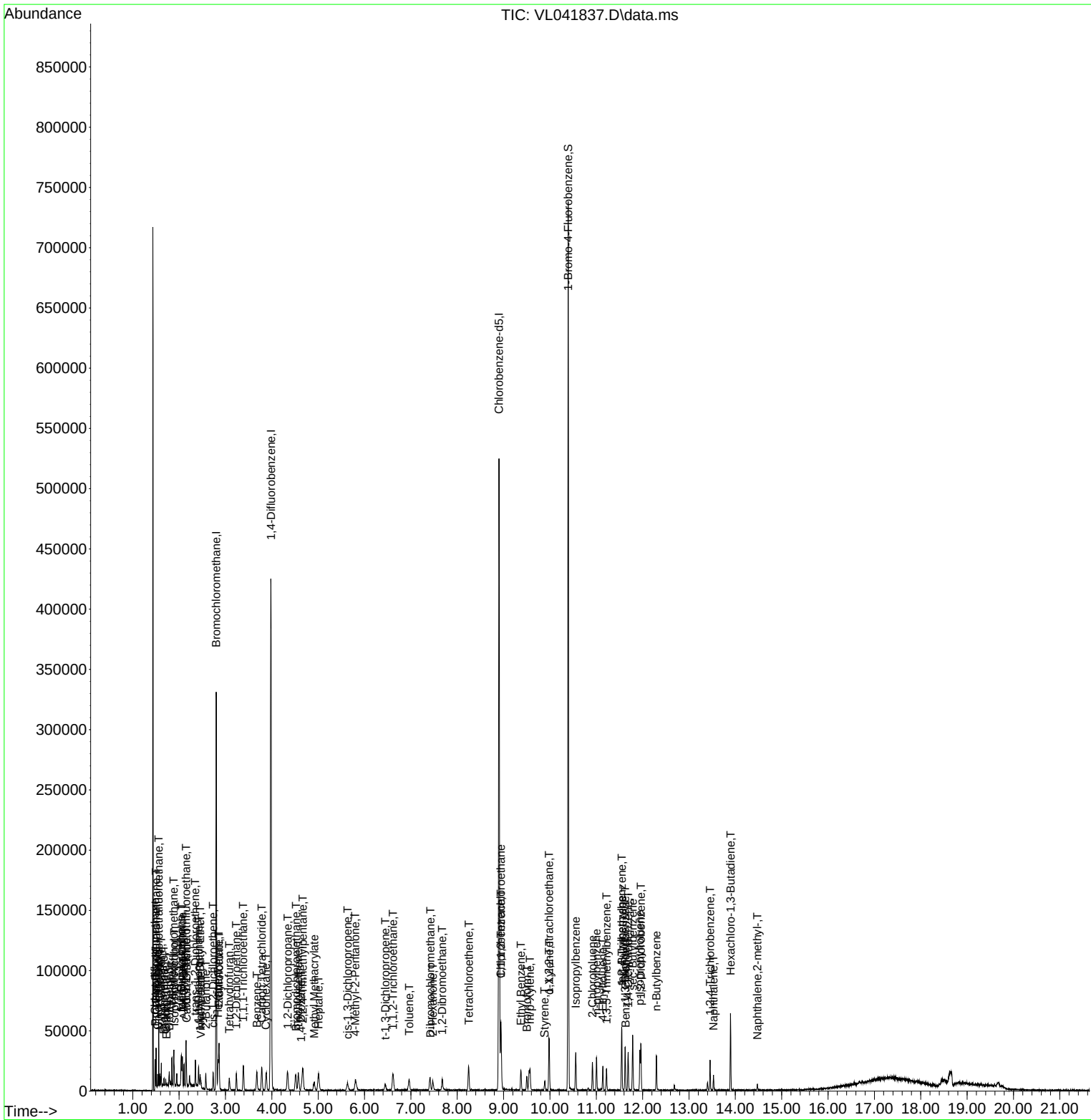
Quant Time: Jan 08 00:51:41 2025

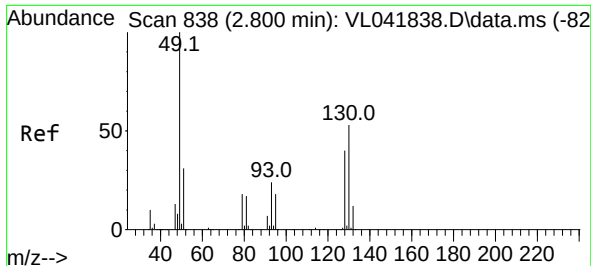
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

QLast Update : Tue Jan 07 13:48:55 2025

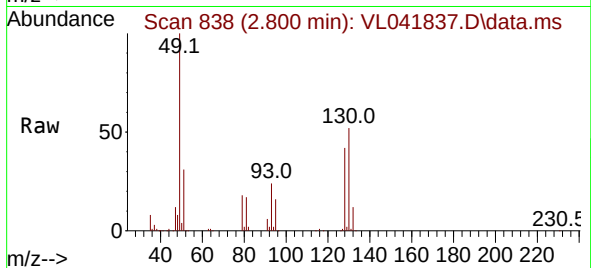
Response via : Initial Calibration



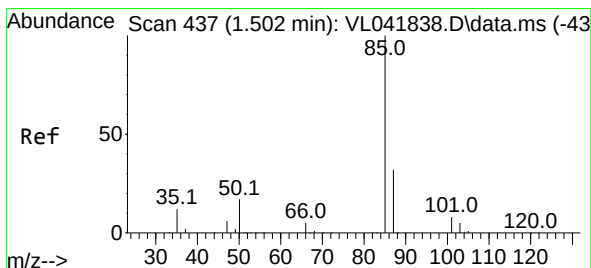
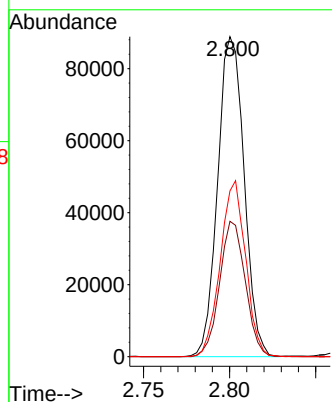
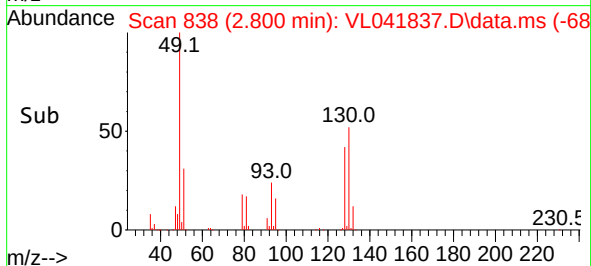


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

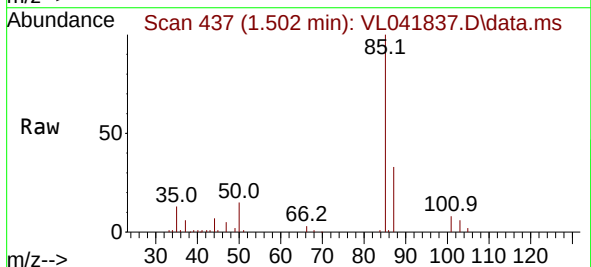
Instrument :
MSVOA_L
ClientSampleId :



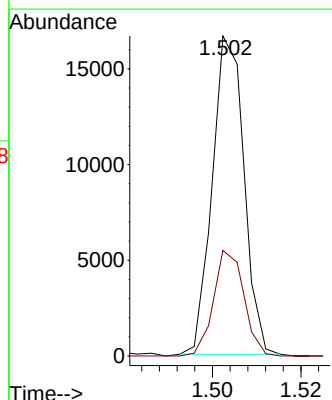
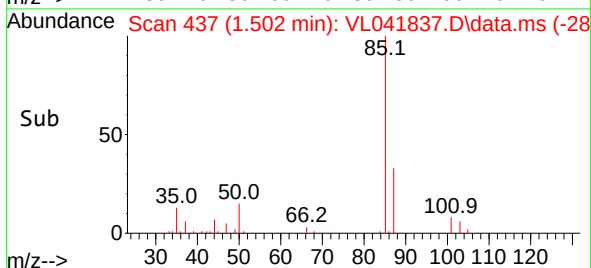
Tgt Ion: 49 Resp: 95155
Ion Ratio Lower Upper
49 100
128 41.1 19.7 59.1
130 52.6 26.4 79.2

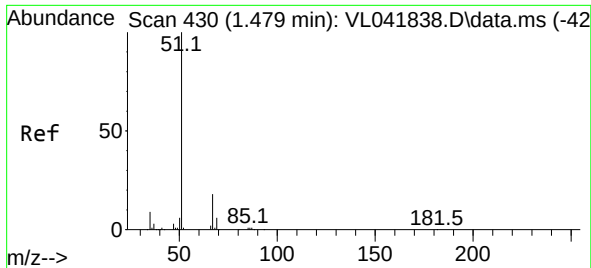


#2
Dichlorodifluoromethane
Concen: 0.529 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48



Tgt Ion: 85 Resp: 8262
Ion Ratio Lower Upper
85 100
87 33.2 25.6 38.4





#3

Chlorodifluoromethane

Concen: 0.505 ppbv

RT: 1.480 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

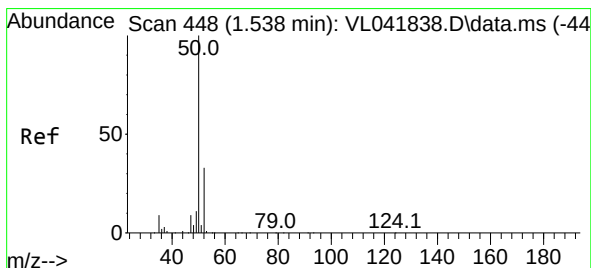
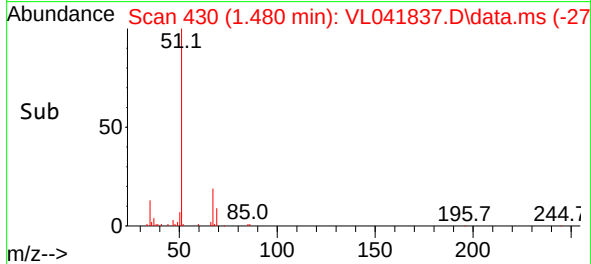
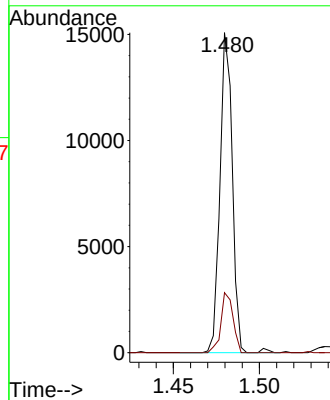
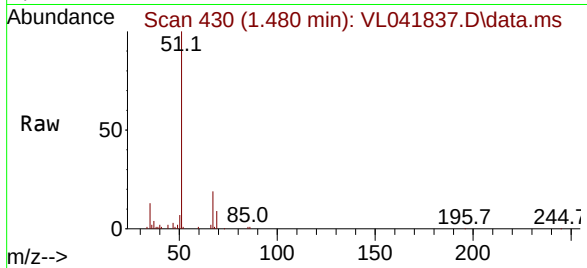
ClientSampleId :

Tgt Ion: 51 Resp: 7531

Ion Ratio Lower Upper

51 100

67 18.4 14.6 22.0



#4

Chloromethane

Concen: 0.520 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.000 min

Lab File: VL041837.D

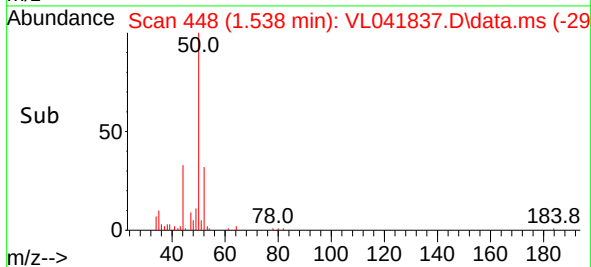
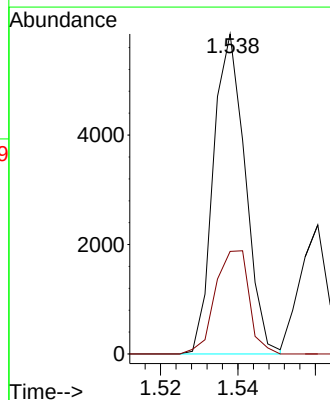
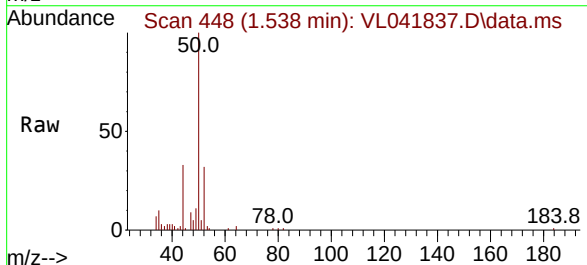
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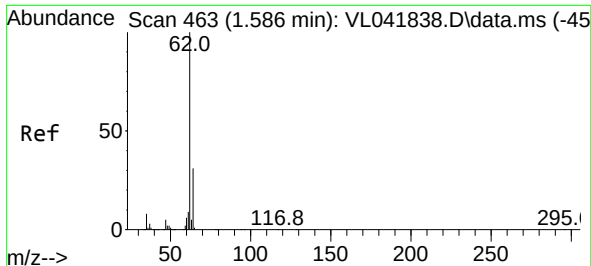
Tgt Ion: 50 Resp: 3336

Ion Ratio Lower Upper

50 100

52 32.0 26.1 39.1

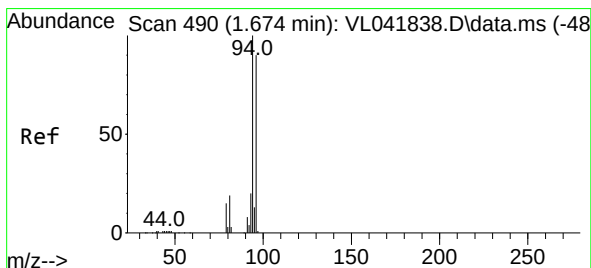
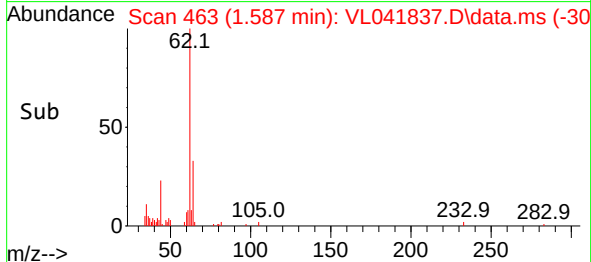
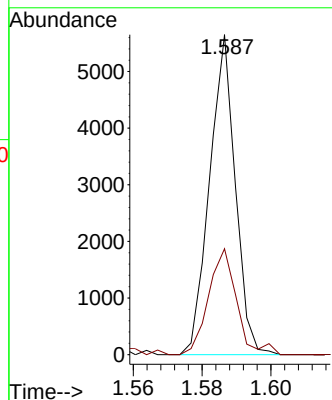
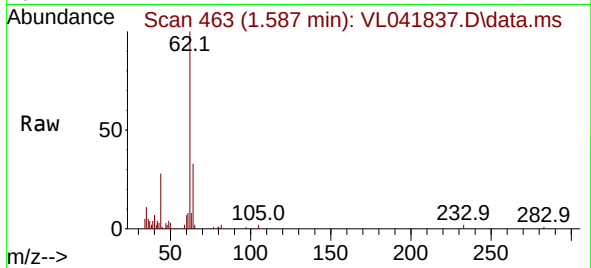




#5
 Vinyl Chloride
 Concen: 0.454 ppbv
 RT: 1.587 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

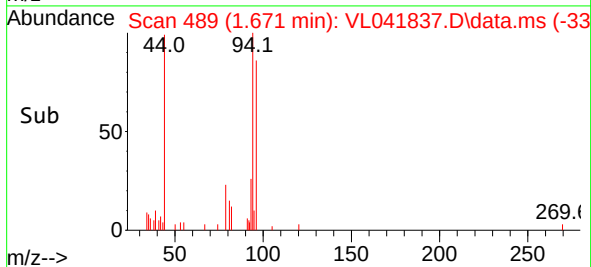
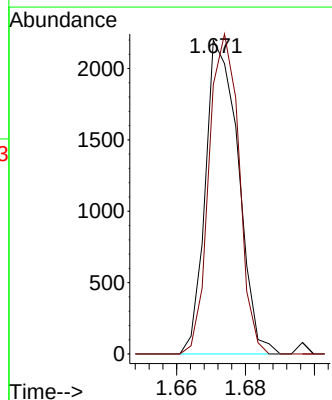
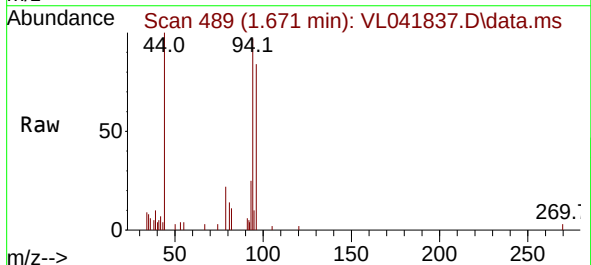
Instrument :
 MSVOA_L
 ClientSampleId :

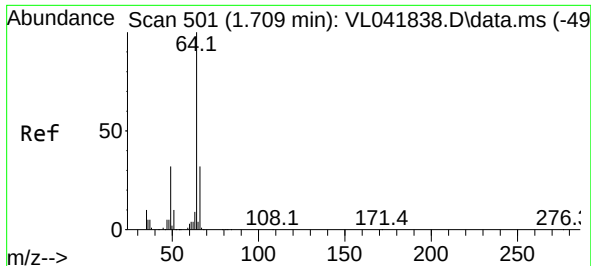
Tgt Ion: 62 Resp: 2939
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.9 37.3



#6
 Bromomethane
 Concen: 0.526 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion: 94 Resp: 1459
 Ion Ratio Lower Upper
 94 100
 96 85.9 72.0 108.0

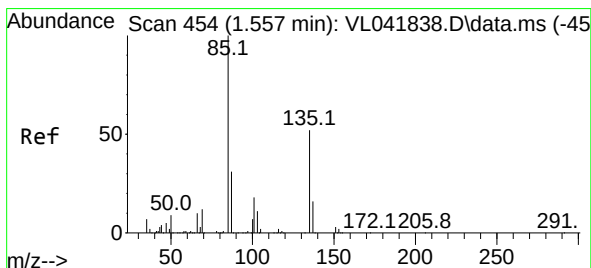
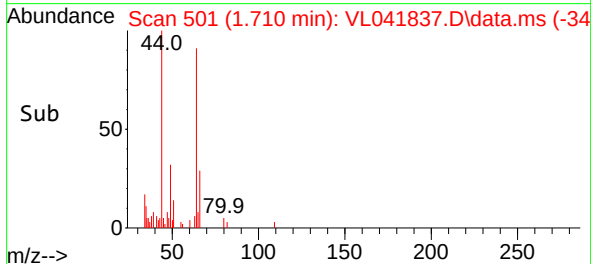
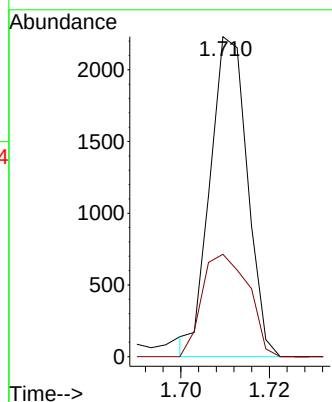
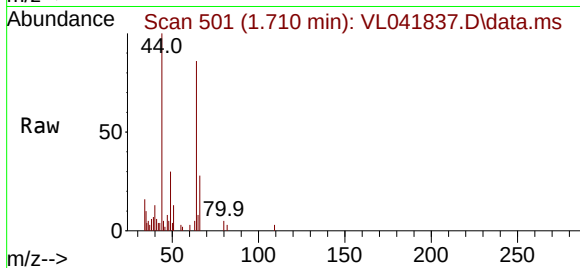




#7
Chloroethane
Concen: 0.522 ppbv
RT: 1.710 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

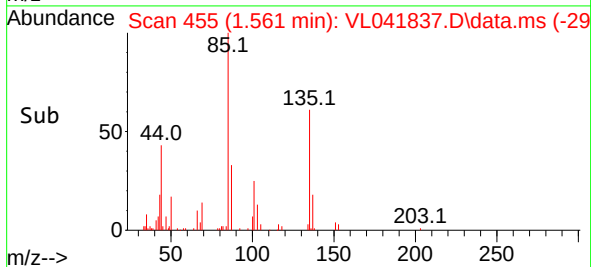
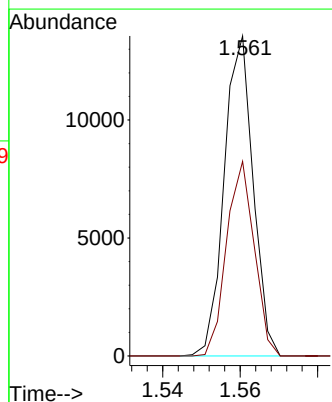
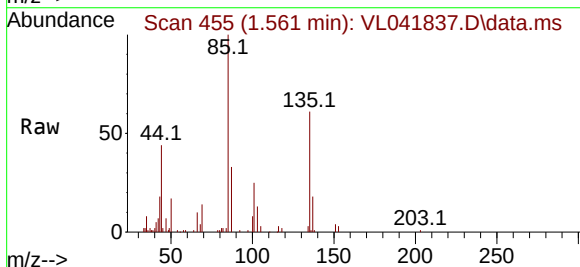
Instrument :
MSVOA_L
ClientSampleId :

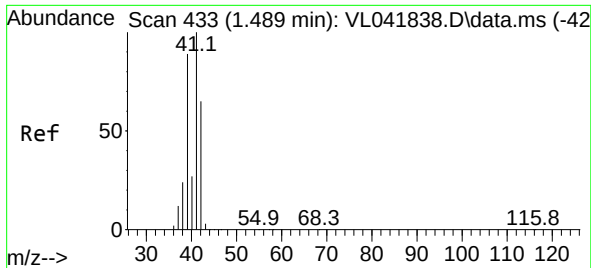
Tgt Ion: 64 Resp: 1302
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.521 ppbv
RT: 1.561 min Scan# 455
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 85 Resp: 7015
Ion Ratio Lower Upper
85 100
135 58.2 47.9 71.9

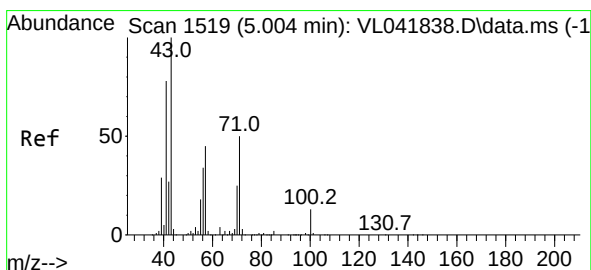
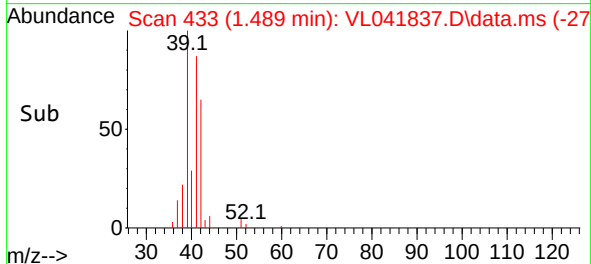
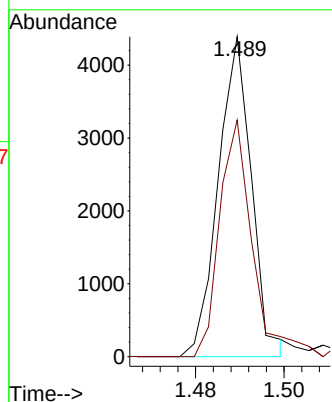
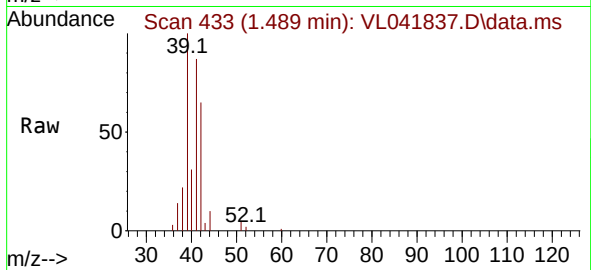




#9
Propene
Concen: 0.440 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

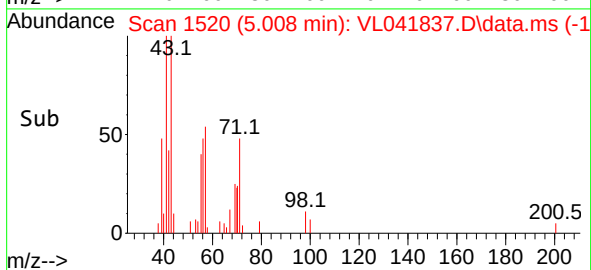
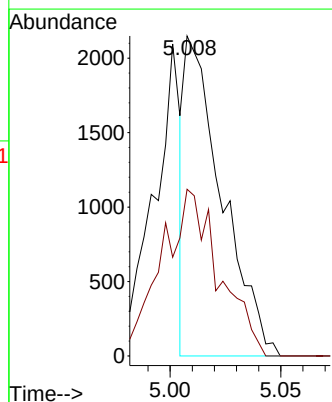
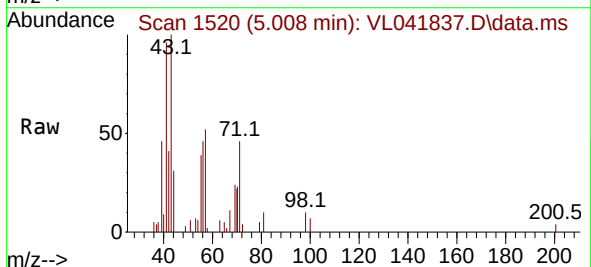
Instrument :
MSVOA_L
ClientSampleId :

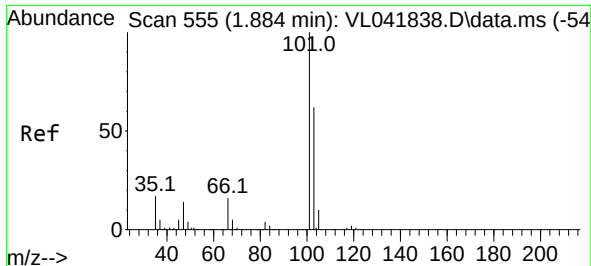
Tgt Ion: 41 Resp: 2286
Ion Ratio Lower Upper
41 100
42 76.4 54.4 81.6



#10
Heptane
Concen: 0.196 ppbv
RT: 5.008 min Scan# 1520
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
57 82.6 37.8 56.6#

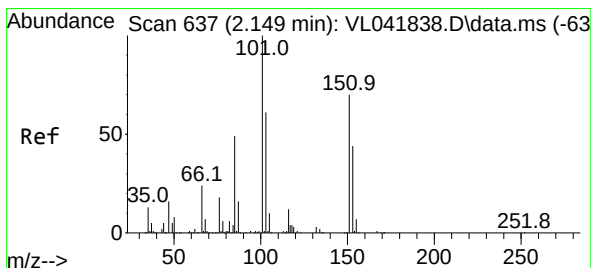
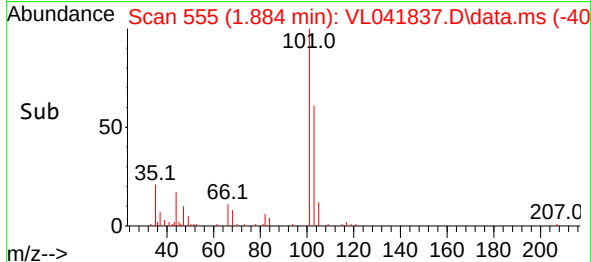
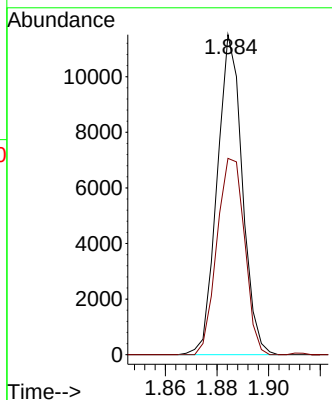
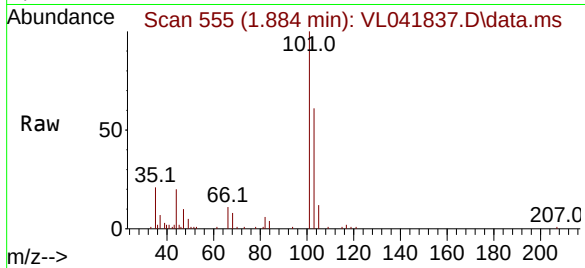




#11
 Trichlorofluoromethane
 Concen: 0.491 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

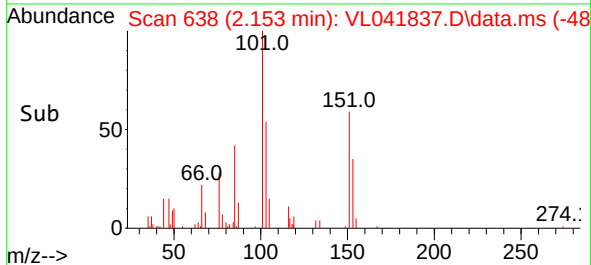
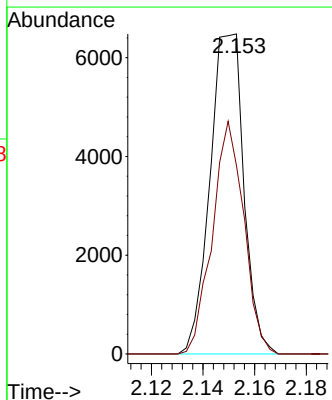
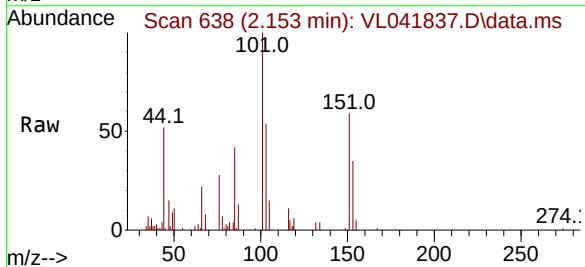
Instrument :
 MSVOA_L
 ClientSampleId :

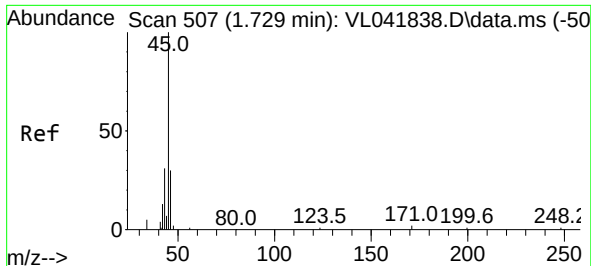
Tgt Ion:101 Resp: 7790
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.502 ppbv
 RT: 2.153 min Scan# 638
 Delta R.T. 0.004 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

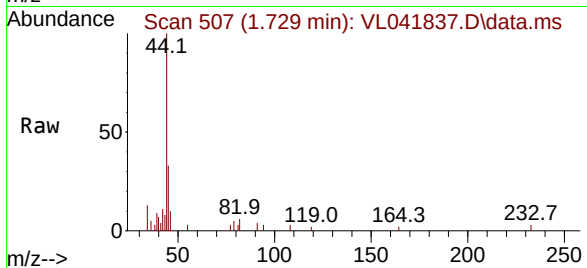
Tgt Ion:101 Resp: 5937
 Ion Ratio Lower Upper
 101 100
 151 67.3 53.2 79.8



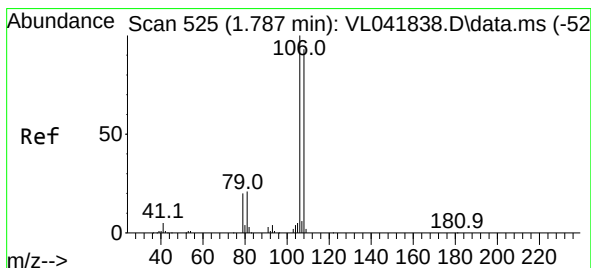
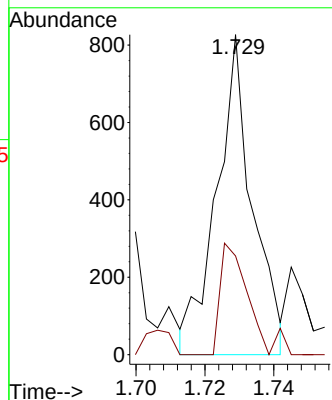
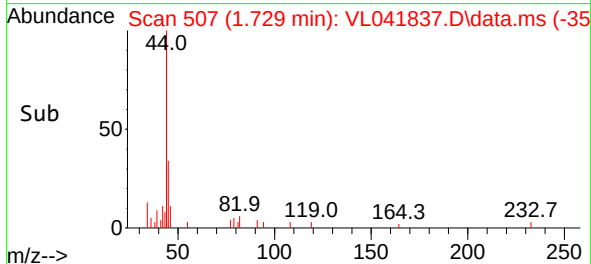


#13
Ethanol
Concen: 1.007 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

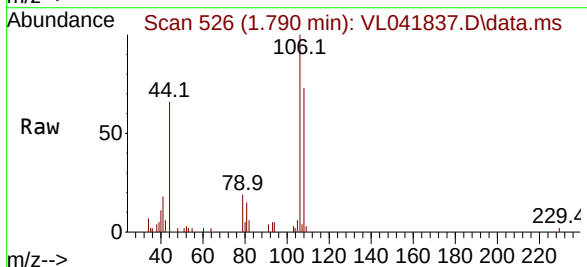
Instrument :
MSVOA_L
ClientSampleId :



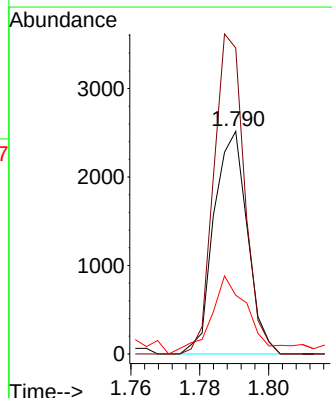
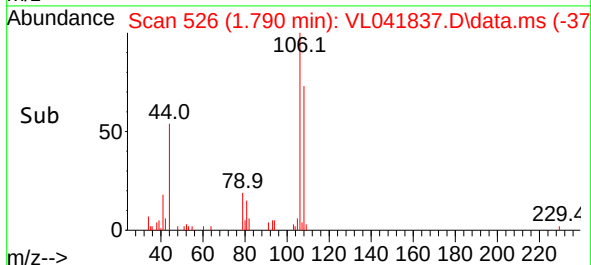
Tgt Ion: 45 Resp: 595
Ion Ratio Lower Upper
45 100
46 43.7 16.1 64.5

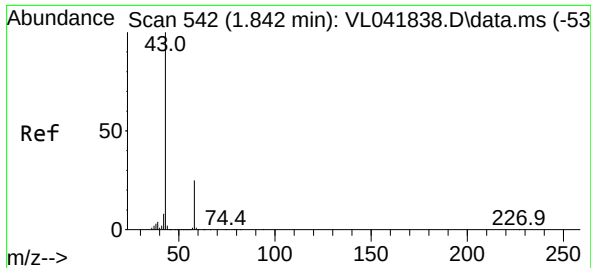


#14
Bromoethene
Concen: 0.437 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48



Tgt Ion: 108 Resp: 1692
Ion Ratio Lower Upper
108 100
106 131.6 84.6 126.8#
79 57.7 18.3 27.5#

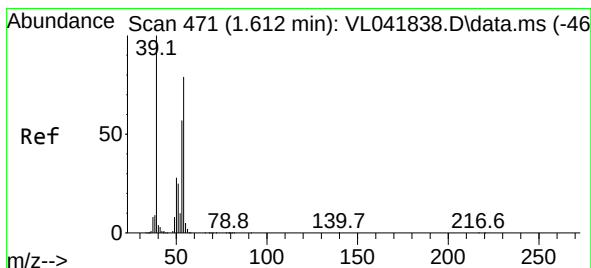
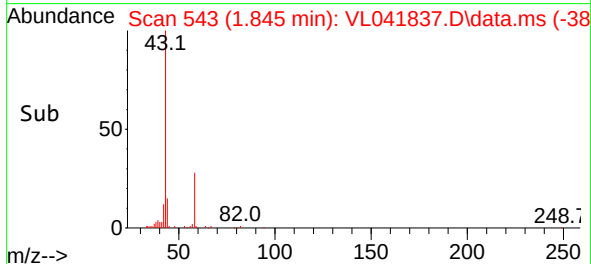
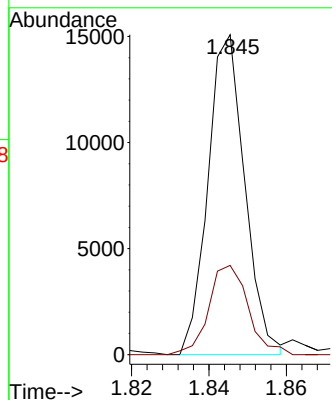
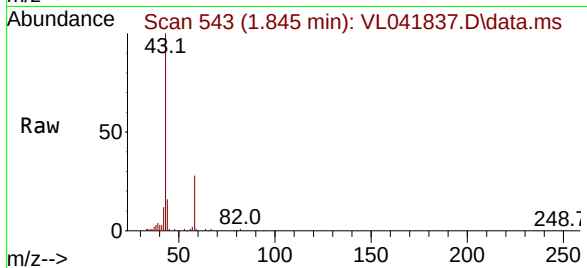




#15
Acetone
Concen: 0.569 ppbv
RT: 1.845 min Scan# 54
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

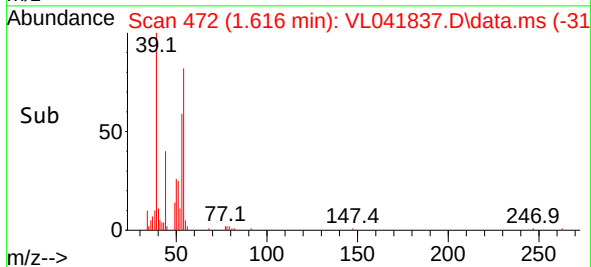
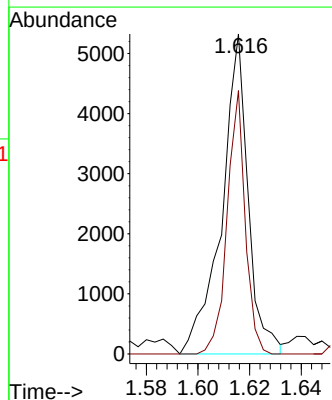
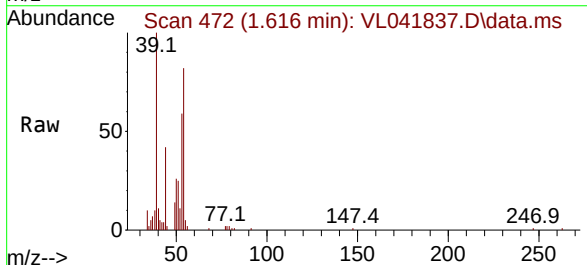
Instrument :
MSVOA_L
ClientSampleId :

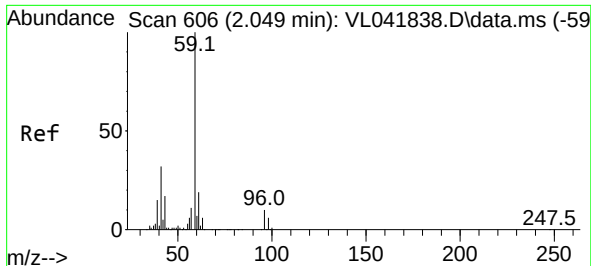
Tgt Ion: 43 Resp: 9962
Ion Ratio Lower Upper
43 100
58 29.9 20.2 30.2



#16
1,3-Butadiene
Concen: 0.552 ppbv
RT: 1.616 min Scan# 472
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 39 Resp: 3790
Ion Ratio Lower Upper
39 100
54 56.1 56.2 84.4#





#17

tert-Butyl alcohol

Concen: 0.503 ppbv

RT: 2.053 min Scan# 607

Delta R.T. 0.004 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

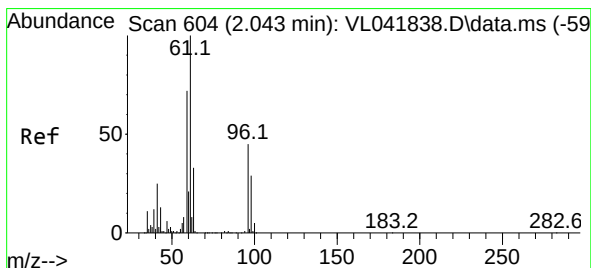
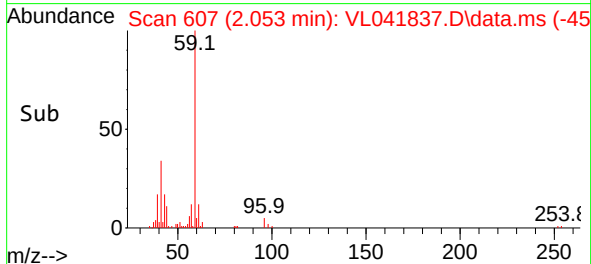
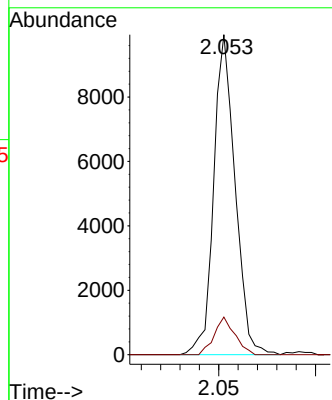
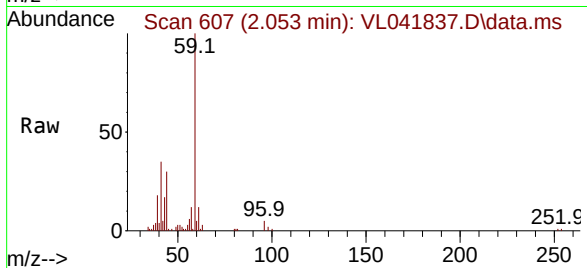
ClientSampleId :

Tgt Ion: 59 Resp: 7630

Ion Ratio Lower Upper

59 100

57 11.3 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.542 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

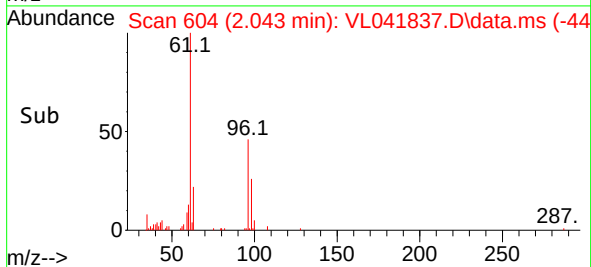
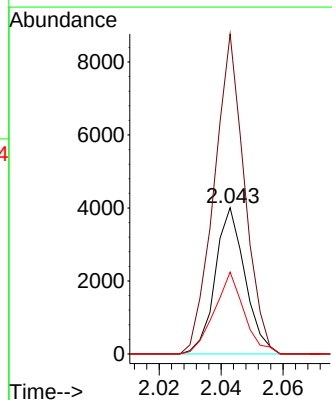
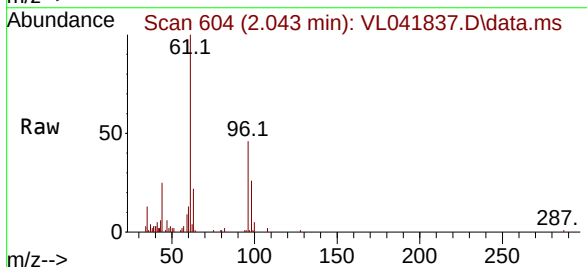
Tgt Ion: 96 Resp: 2684

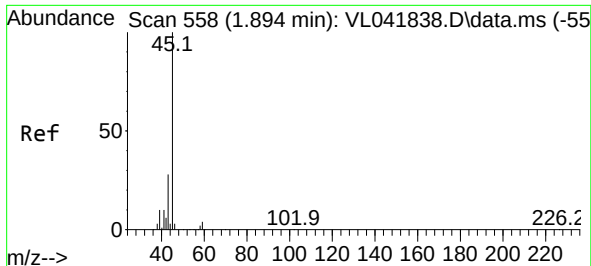
Ion Ratio Lower Upper

96 100

61 218.8 179.2 268.8

98 56.0 51.6 77.4





#19

Isopropyl Alcohol

Concen: 0.499 ppbv

RT: 1.897 min Scan# 51

Delta R.T. 0.004 min

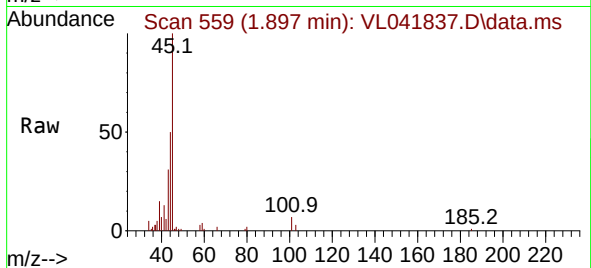
Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

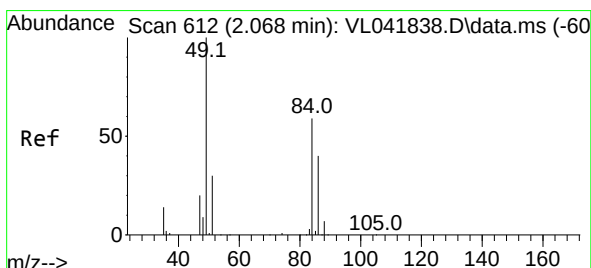
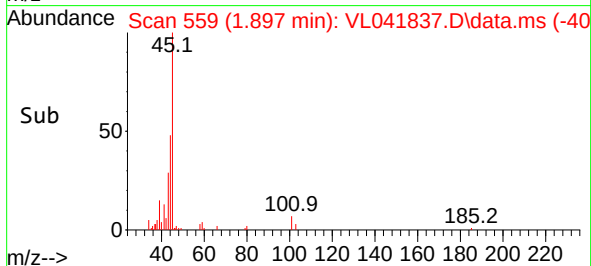
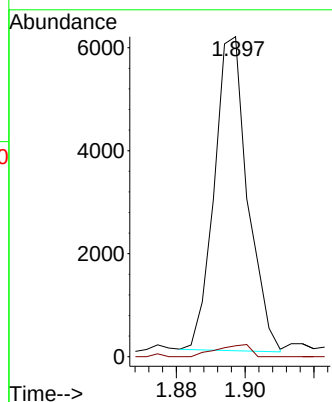


Tgt Ion: 45 Resp: 4104

Ion Ratio Lower Upper

45 100

58 3.9 2.0 3.0#



#20

Methylene Chloride

Concen: 0.640 ppbv

RT: 2.069 min Scan# 612

Delta R.T. 0.000 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Tgt Ion: 84 Resp: 3205

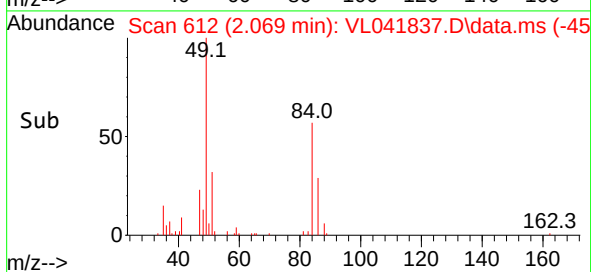
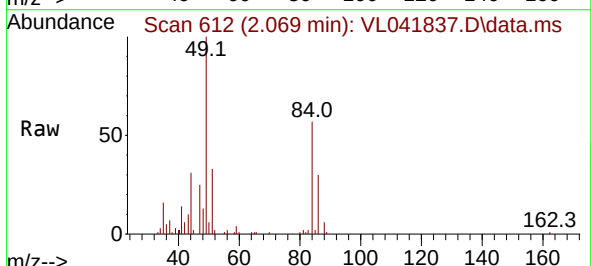
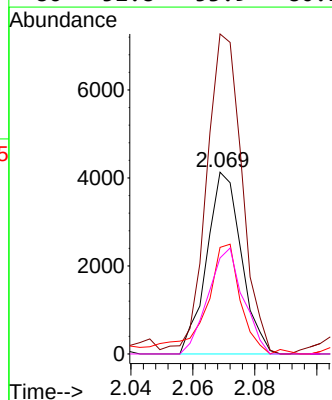
Ion Ratio Lower Upper

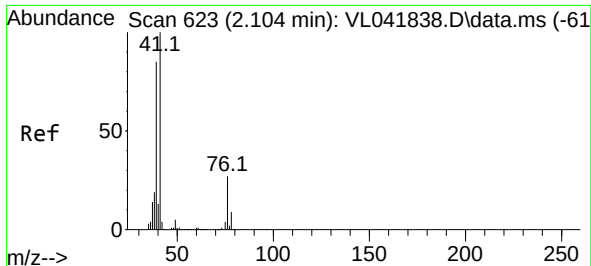
84 100

49 176.1 137.8 206.8

51 56.2 43.9 65.9

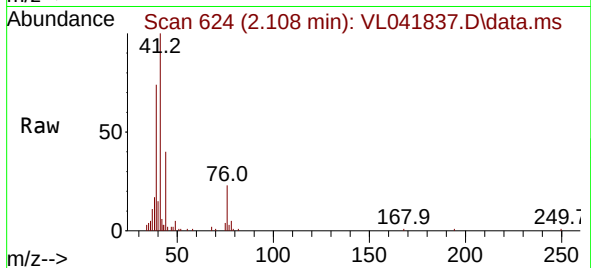
86 52.8 53.9 80.9#



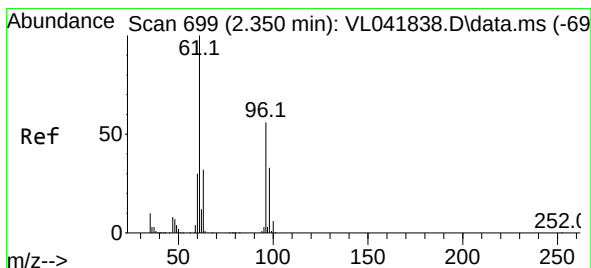
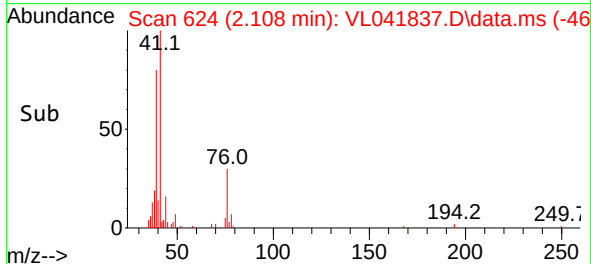
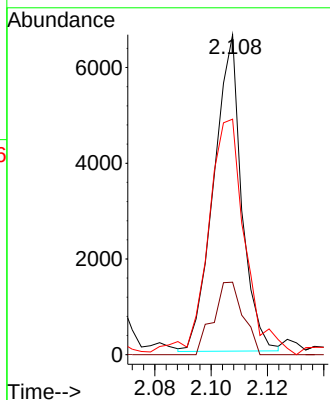


#21
 Allyl Chloride
 Concen: 0.504 ppbv
 RT: 2.108 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Instrument :
 MSVOA_L
 ClientSampleId :

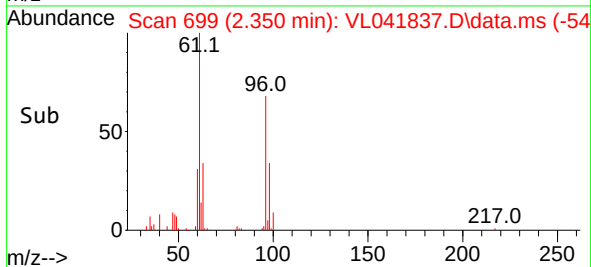
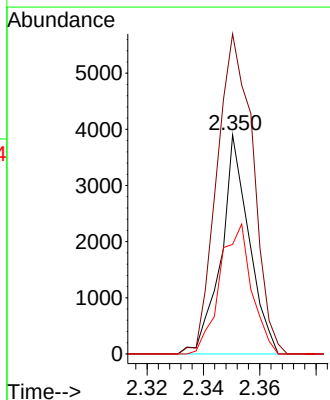
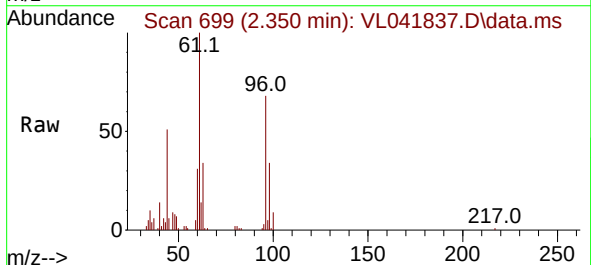


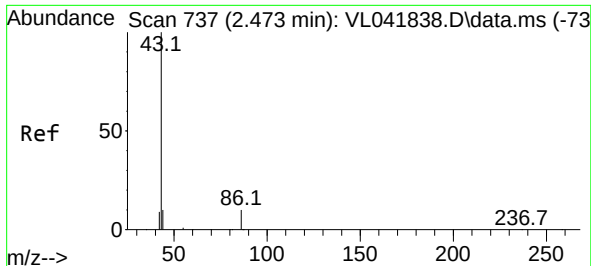
Tgt Ion: 41 Resp: 4552
 Ion Ratio Lower Upper
 41 100
 76 24.4 20.6 31.0
 39 95.6 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.486 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

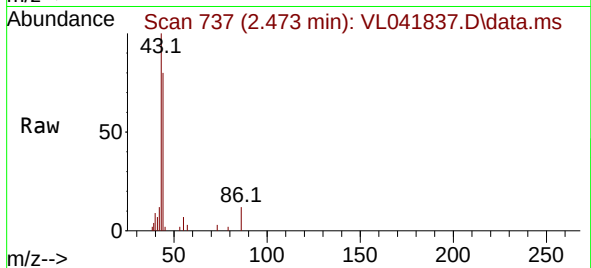
Tgt Ion: 96 Resp: 2688
 Ion Ratio Lower Upper
 96 100
 61 146.1 144.0 216.0
 98 50.1 46.9 70.3



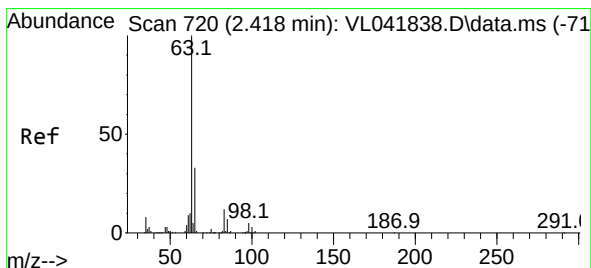
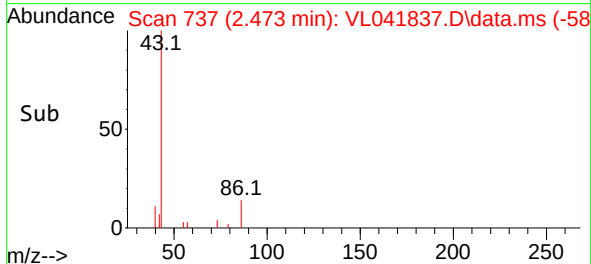
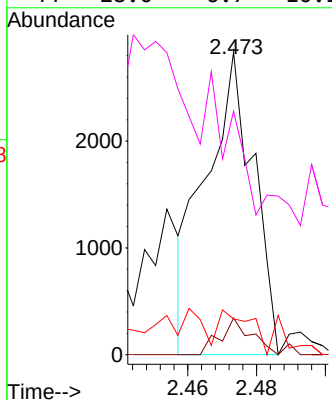


#23
 Vinyl Acetate
 Concen: 0.489 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Instrument :
 MSVOA_L
 ClientSampleId :

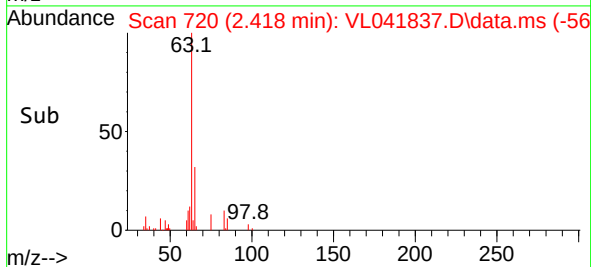
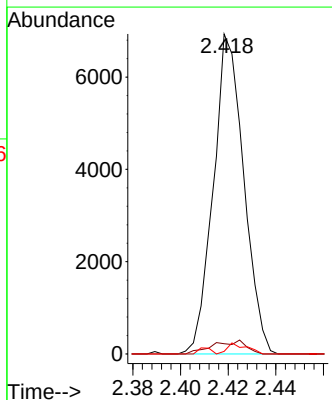
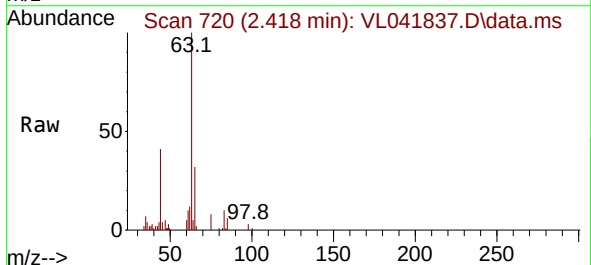


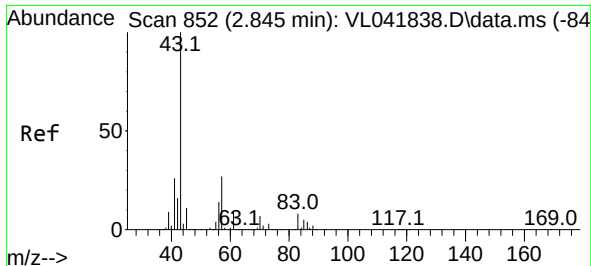
Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.1	6.4	9.6#
42	5.4	9.5	14.3#
44	28.0	6.7	10.1#



#24
 1,1-Dichloroethane
 Concen: 0.508 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.3	6.9
100	0.8	1.4	4.0#

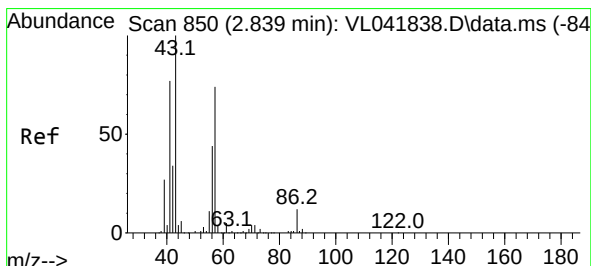
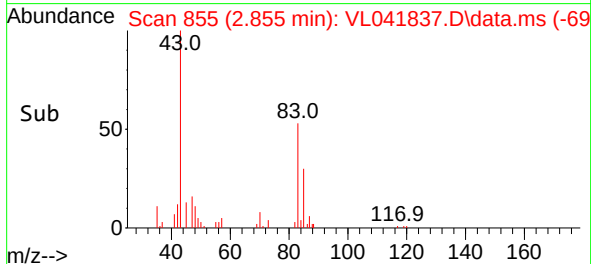
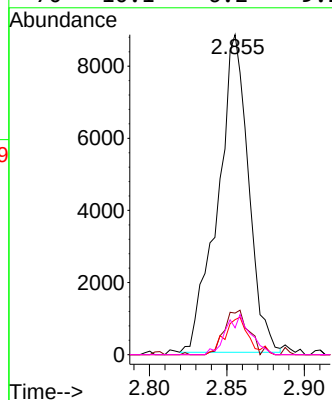
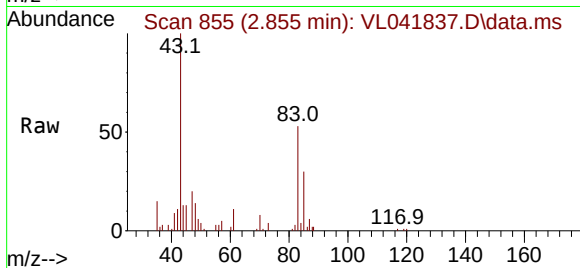




#25
Ethyl Acetate
Concen: 0.414 ppbv
RT: 2.855 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

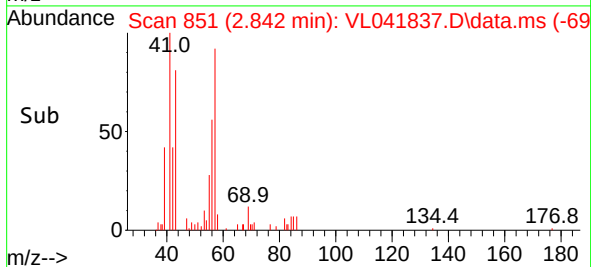
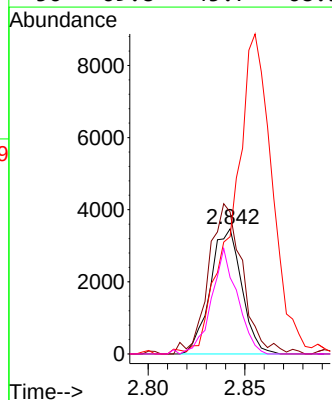
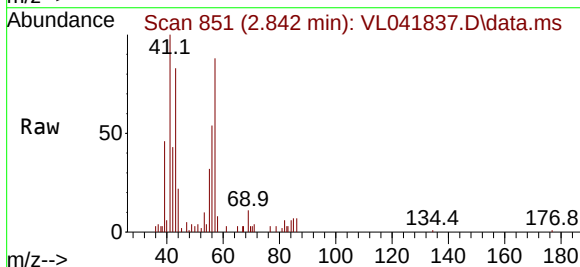
Instrument :
MSVOA_L
ClientSampleId :

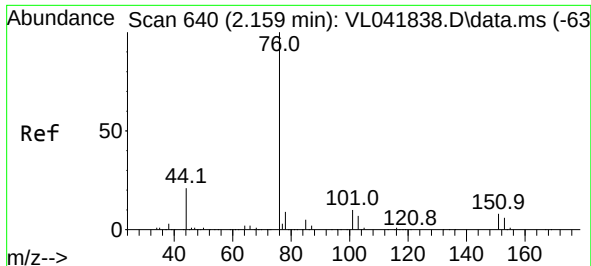
Tgt Ion: 43 Resp: 12162
Ion Ratio Lower Upper
43 100
45 11.8 7.8 11.8#
61 9.2 7.0 10.6
70 10.1 6.2 9.2#



#26
Hexane
Concen: 0.382 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 57 Resp: 3899
Ion Ratio Lower Upper
57 100
41 131.7 84.1 126.1#
43 326.0 218.4 327.6
56 69.8 45.7 68.5#





#27

Carbon Disulfide

Concen: 0.433 ppbv

RT: 2.159 min Scan# 640

Delta R.T. 0.000 min

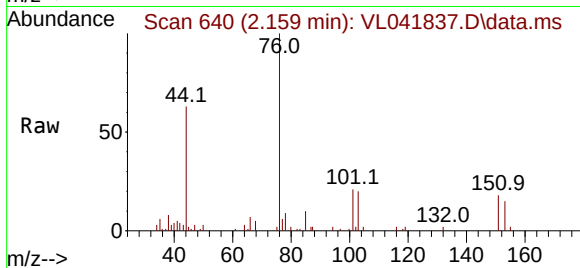
Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

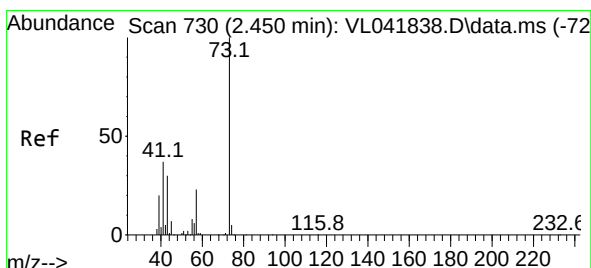
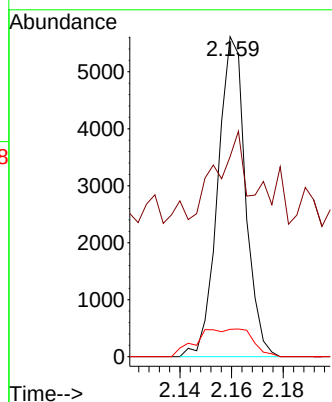
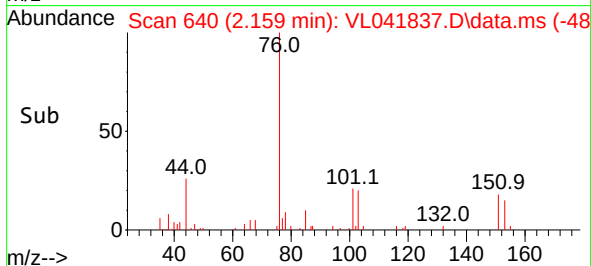
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	76	Resp:	4188
Ion	Ratio	Lower	Upper
76	100		
44	99.8	19.8	29.8#
78	17.5	9.8	14.8#



#28

Methyl tert-Butyl Ether

Concen: 0.493 ppbv

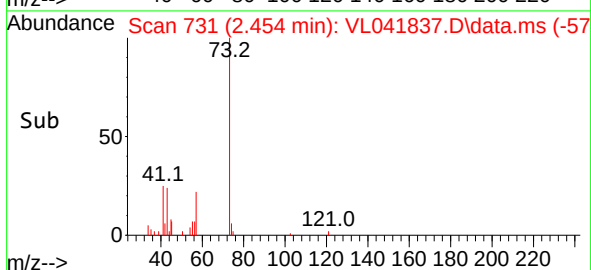
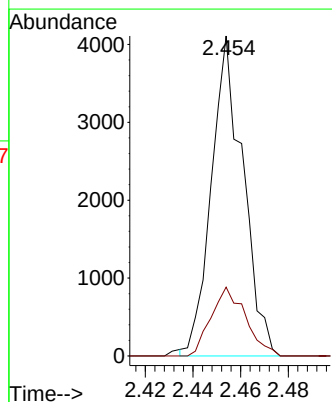
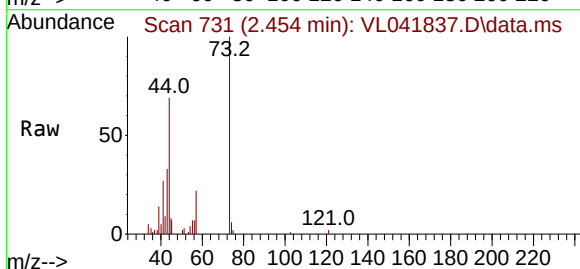
RT: 2.454 min Scan# 731

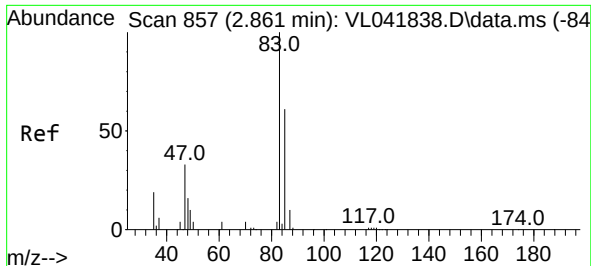
Delta R.T. 0.004 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Tgt Ion:	73	Resp:	3792
Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.4	27.6





#29

Chloroform

Concen: 0.493 ppbv

RT: 2.862 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

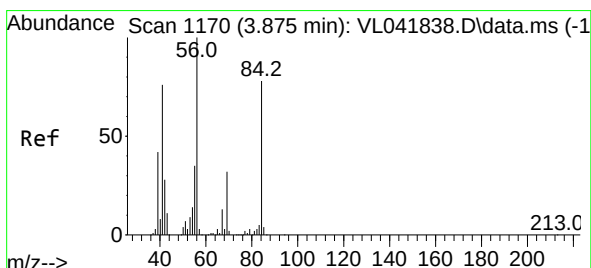
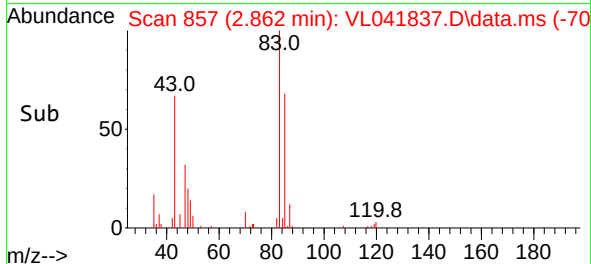
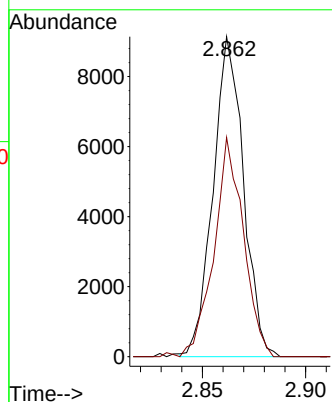
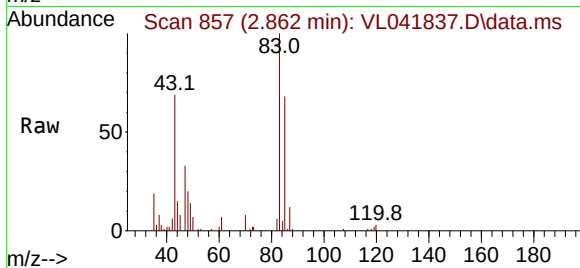
ClientSampleId :

Tgt Ion: 83 Resp: 9345

Ion Ratio Lower Upper

83 100

85 68.5 49.6 74.4



#30

Cyclohexane

Concen: 0.168 ppbv

RT: 3.872 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

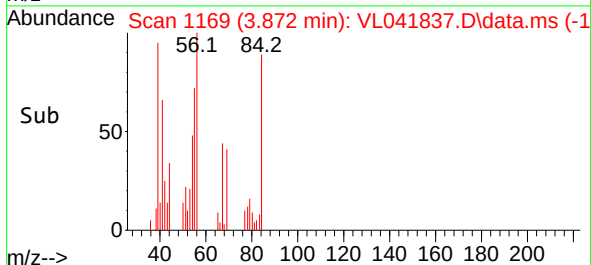
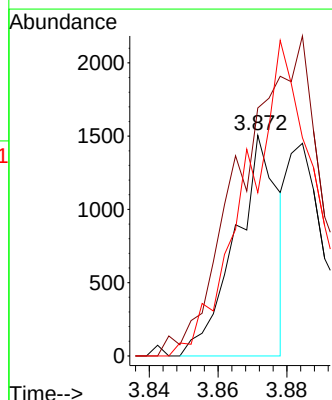
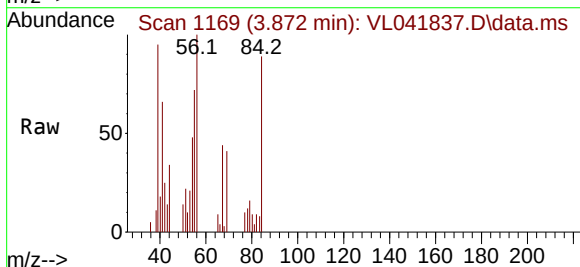
Tgt Ion: 84 Resp: 1301

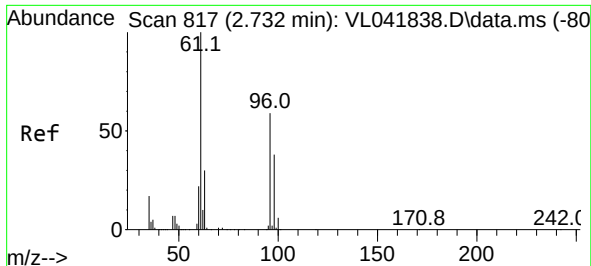
Ion Ratio Lower Upper

84 100

56 0.0 105.0 157.6#

41 0.0 78.9 118.3#

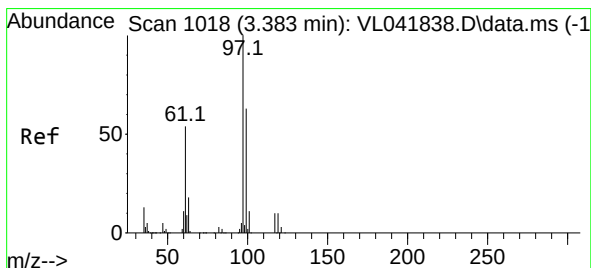
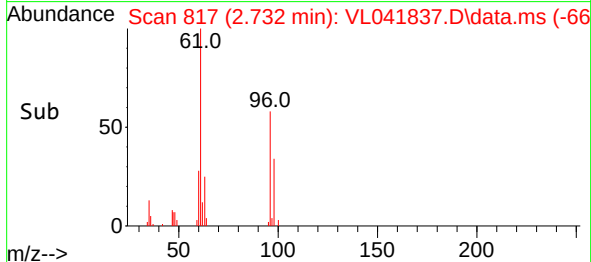
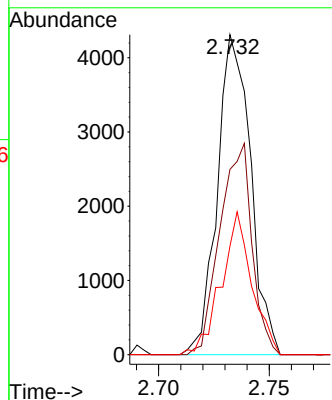
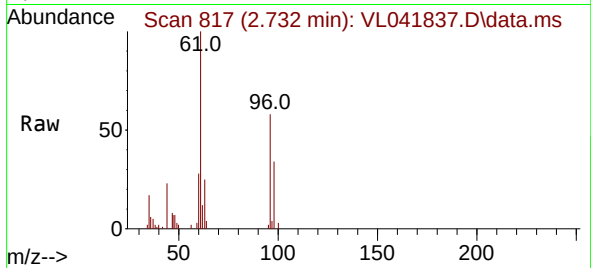




#31
 cis-1,2-Dichloroethene
 Concen: 0.430 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

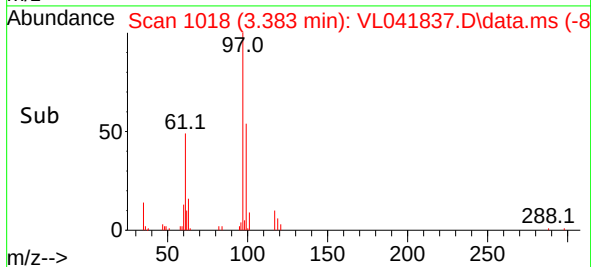
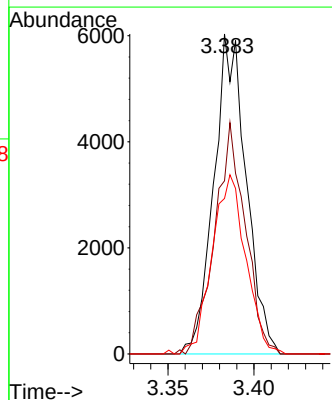
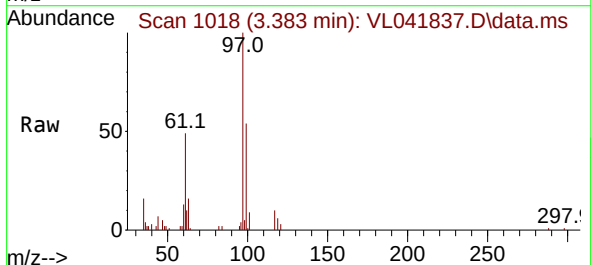
Instrument :
 MSVOA_L
 ClientSampleId :

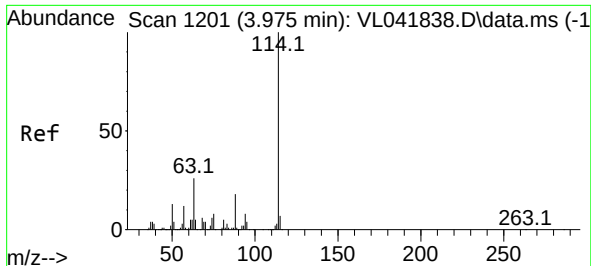
Tgt Ion: 61 Resp: 4510
 Ion Ratio Lower Upper
 61 100
 96 57.9 47.6 71.4
 98 33.9 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 0.459 ppbv
 RT: 3.383 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion: 97 Resp: 7876
 Ion Ratio Lower Upper
 97 100
 99 68.4 50.6 76.0
 61 58.4 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.982 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

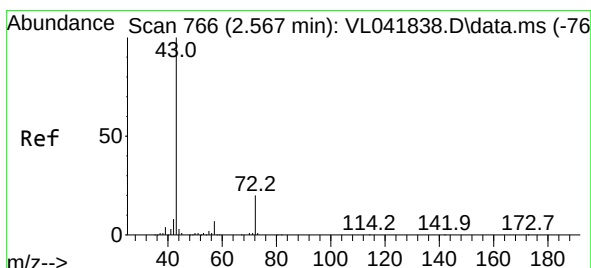
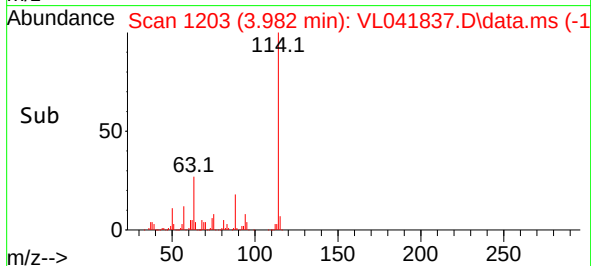
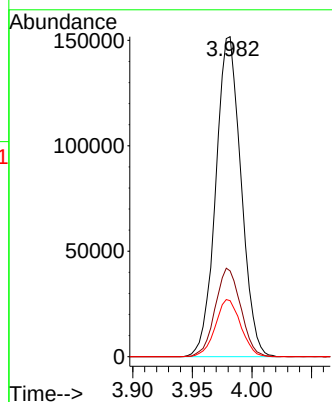
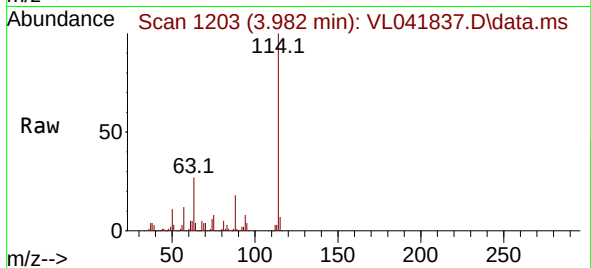
Tgt Ion:114 Resp: 223631

Ion Ratio Lower Upper

114 100

63 28.0 22.3 33.5

88 17.9 14.9 22.3



#34

2-Butanone

Concen: 0.440 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.010 min

Lab File: VL041837.D

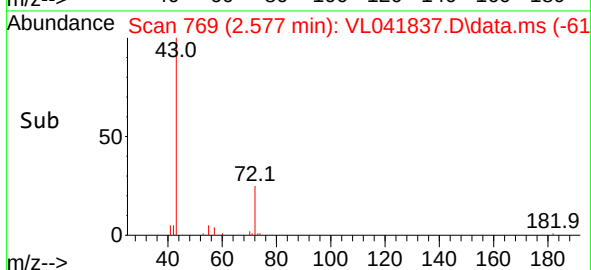
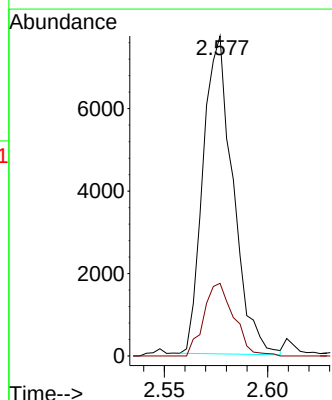
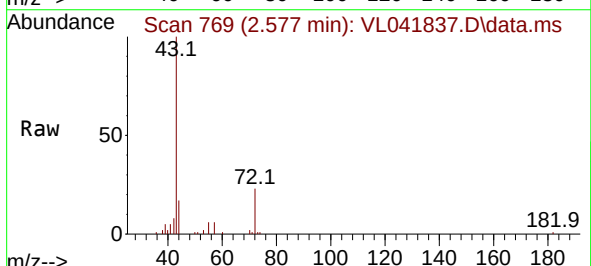
Acq: 07 Jan 2025 08:48

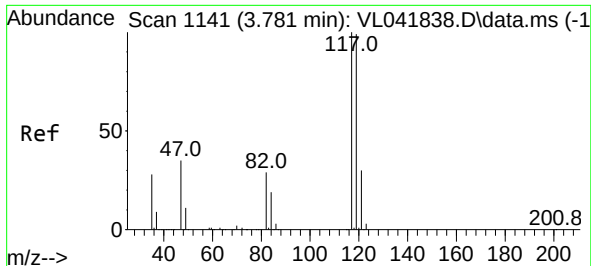
Tgt Ion: 43 Resp: 7755

Ion Ratio Lower Upper

43 100

72 23.1 16.6 25.0

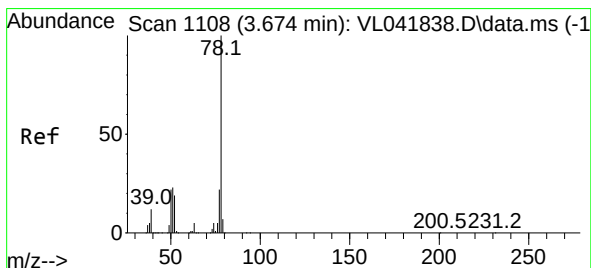
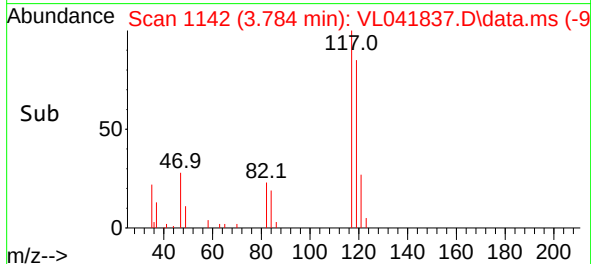
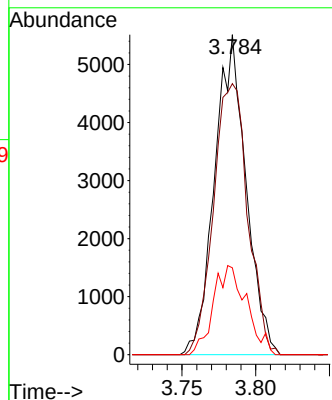
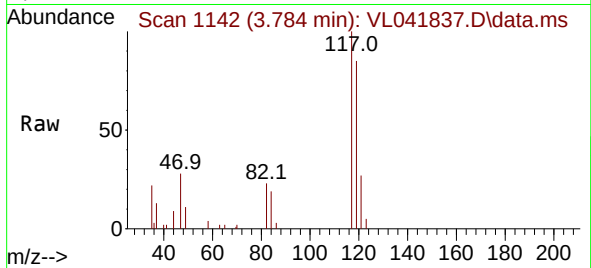




#35
Carbon Tetrachloride
Concen: 0.483 ppbv
RT: 3.784 min Scan# 1141
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

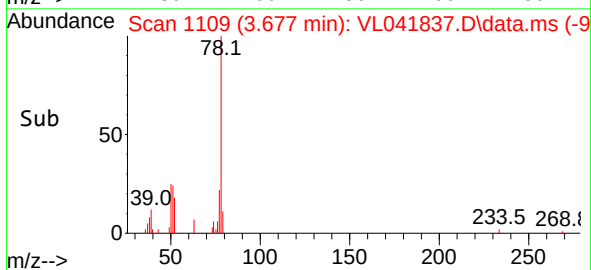
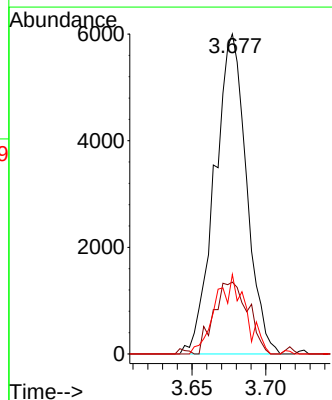
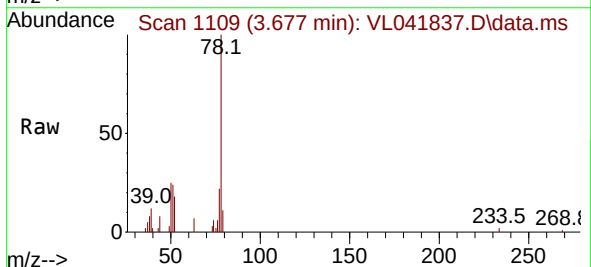
Instrument :
MSVOA_L
ClientSampleId :

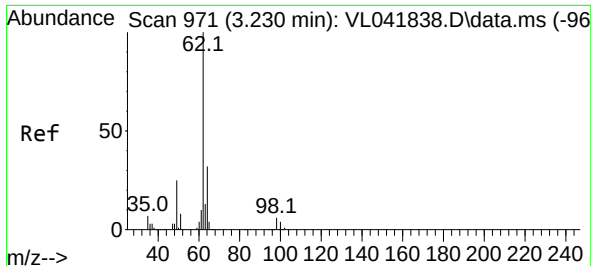
Tgt Ion:117 Resp: 8164
Ion Ratio Lower Upper
117 100
119 84.7 79.1 118.7
121 27.2 24.2 36.2



#36
Benzene
Concen: 0.422 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 78 Resp: 9013
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.0
50 24.8 17.3 25.9

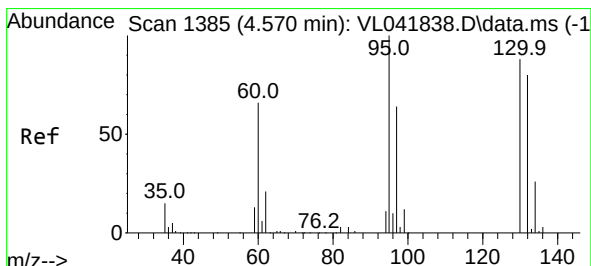
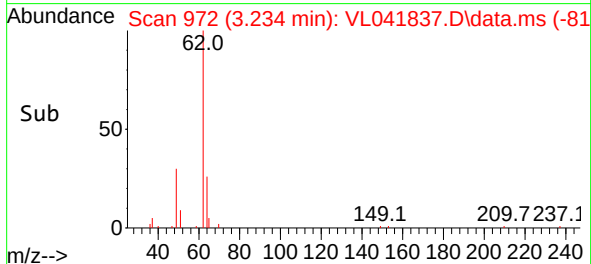
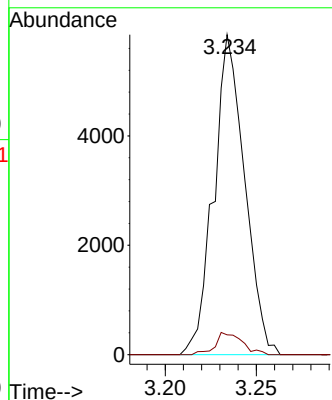
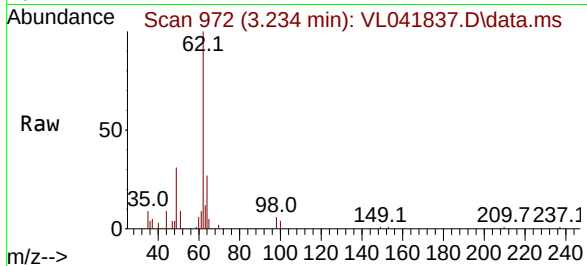




#37
1,2-Dichloroethane
Concen: 0.492 ppbv
RT: 3.234 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

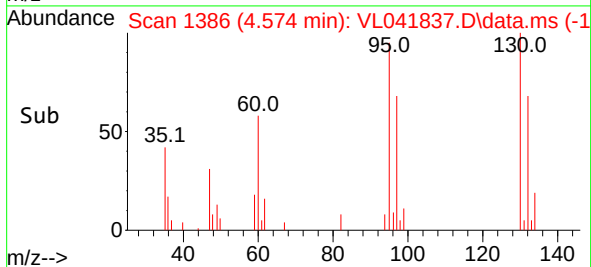
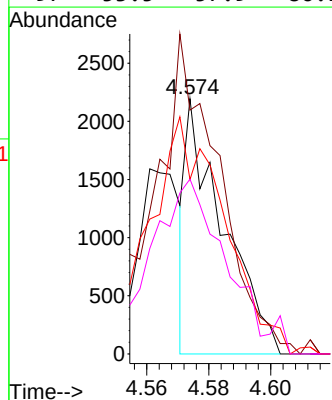
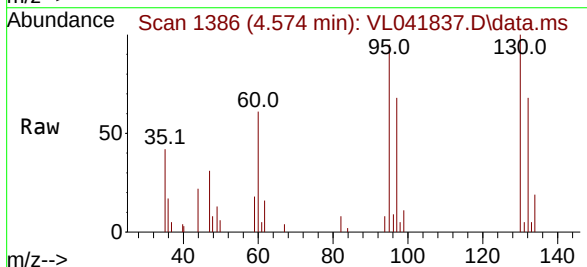
Instrument :
MSVOA_L
ClientSampleId :

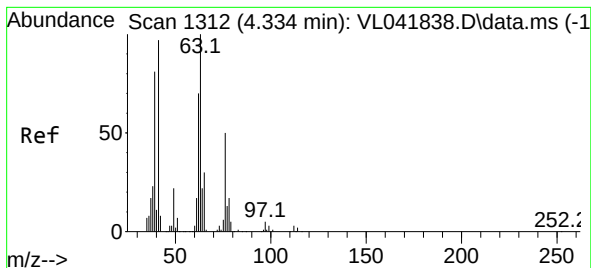
Tgt Ion: 62 Resp: 6912
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2



#38
Trichloroethene
Concen: 0.218 ppbv
RT: 4.574 min Scan# 1386
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:130 Resp: 1823
Ion Ratio Lower Upper
130 100
95 91.4 90.1 135.1
132 58.2 71.8 107.8#
97 53.5 57.9 86.9#





#39

1,2-Dichloropropane

Concen: 0.210 ppbv

RT: 4.344 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

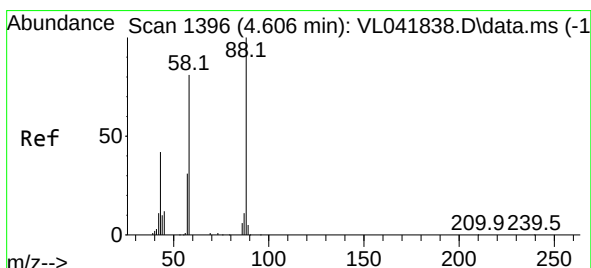
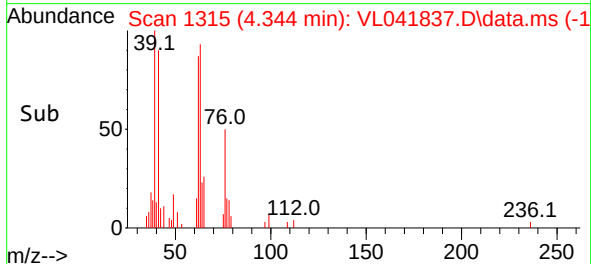
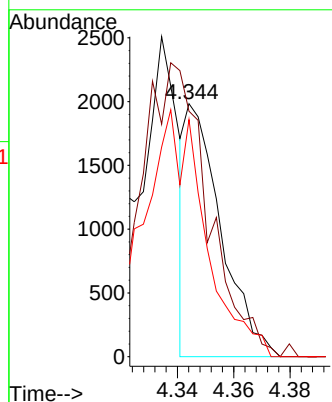
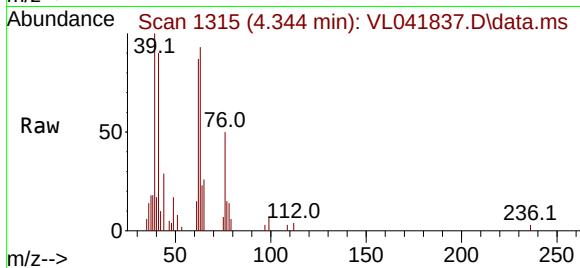
Tgt Ion: 63 Resp: 1732

Ion Ratio Lower Upper

63 100

41 97.0 77.7 116.5

62 93.7 56.2 84.2#



#40

1,4-Dioxane

Concen: 0.092 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.023 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Tgt Ion: 88 Resp: 295

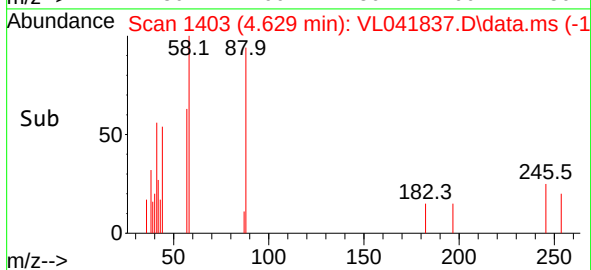
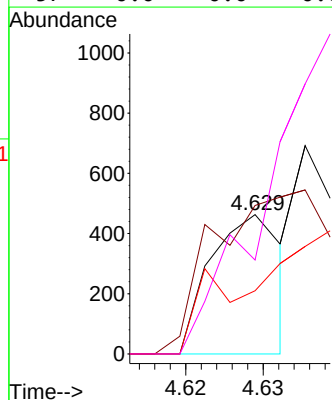
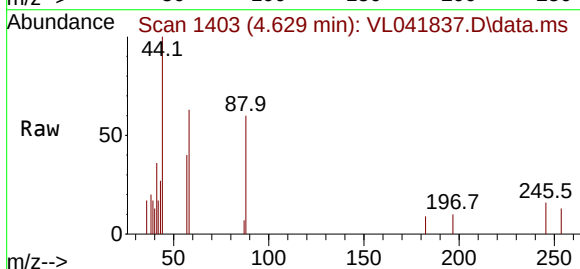
Ion Ratio Lower Upper

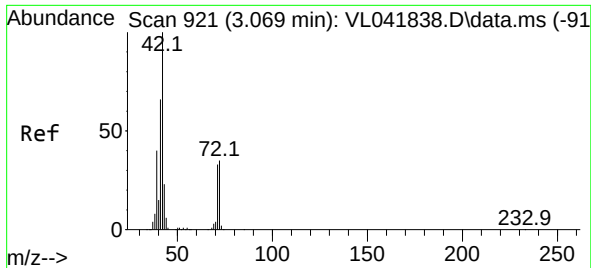
88 100

58 0.0 65.1 97.7#

43 0.0 32.1 48.1#

57 0.0 0.0 0.0

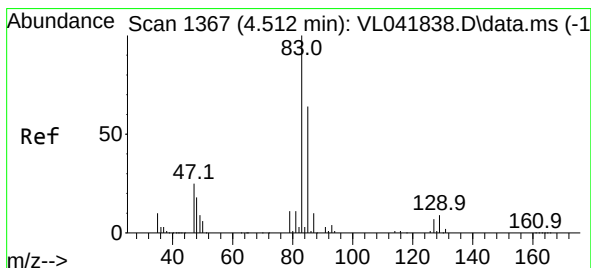
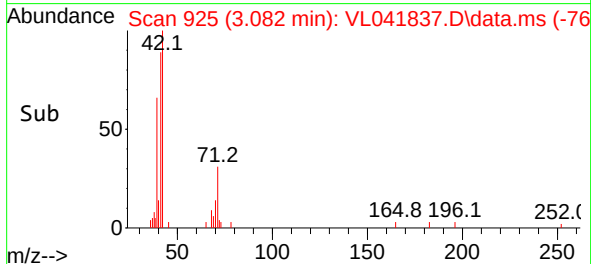
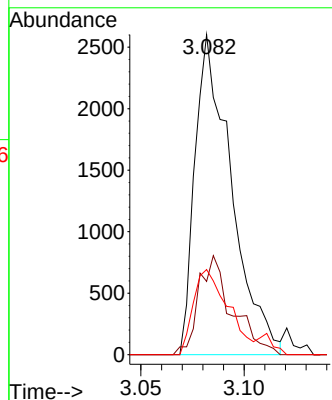
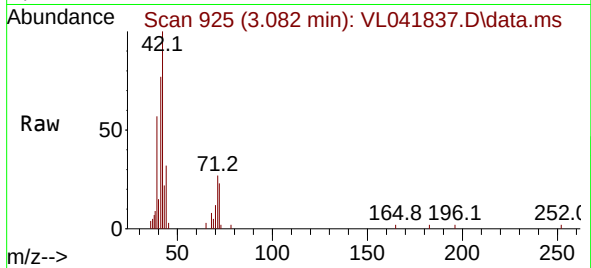




#41
Tetrahydrofuran
Concen: 0.384 ppbv
RT: 3.082 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

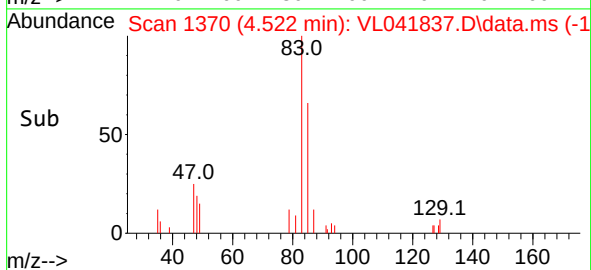
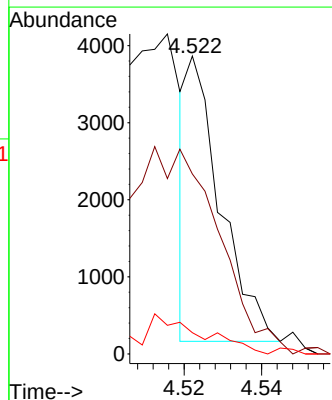
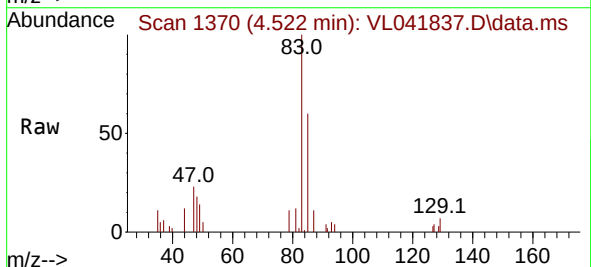
Instrument :
MSVOA_L
ClientSampleId :

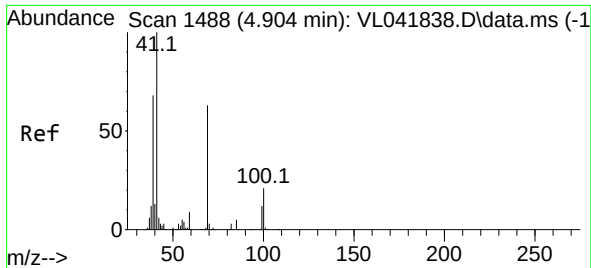
Tgt Ion:	42	Resp:	3192
Ion	Ratio	Lower	Upper
42	100		
72	28.6	27.9	41.9
71	28.3	26.5	39.7



#42
Bromodichloromethane
Concen: 0.134 ppbv
RT: 4.522 min Scan# 1370
Delta R.T. 0.010 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:	83	Resp:	2215
Ion	Ratio	Lower	Upper
83	100		
85	58.8	51.3	76.9
127	5.4	5.6	8.4





#43

Methyl Methacrylate

Concen: 0.164 ppbv

RT: 4.917 min Scan# 1492

Delta R.T. 0.013 min

Lab File: VL041837.D

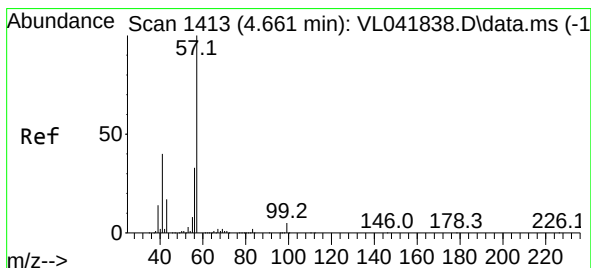
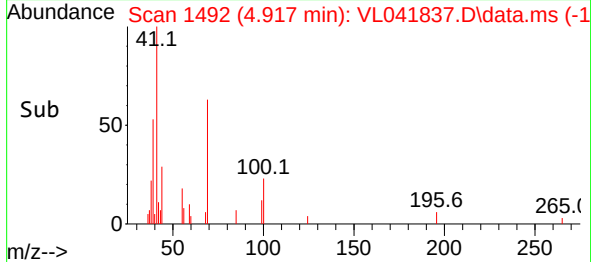
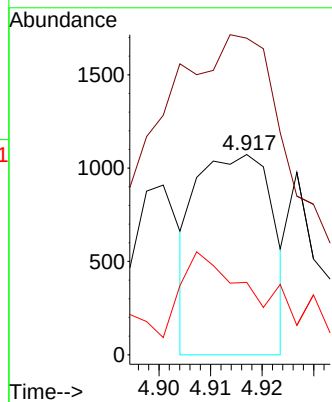
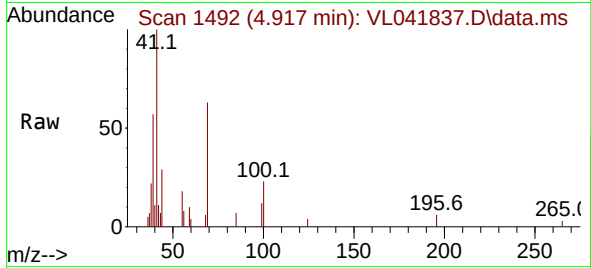
Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	1099
Ion	Ratio	Lower	Upper
69	100		
41	347.9	132.3	198.5#
100	73.4	28.2	42.4#



#44

2,2,4-Trimethylpentane

Concen: 0.352 ppbv

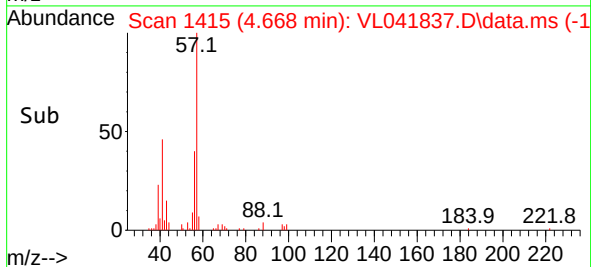
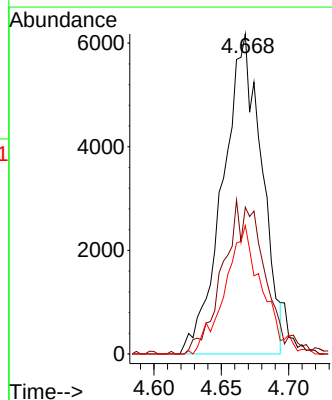
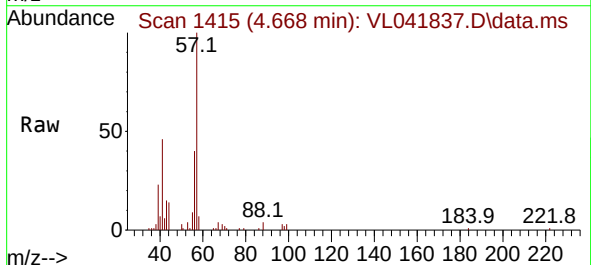
RT: 4.668 min Scan# 1415

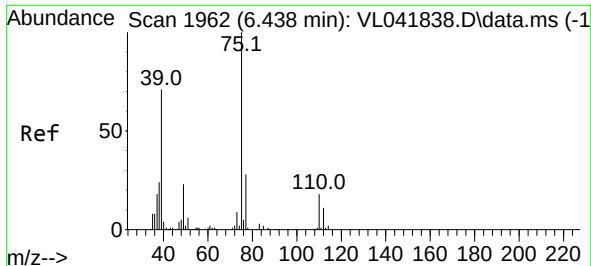
Delta R.T. 0.007 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Tgt Ion:	57	Resp:	12383
Ion	Ratio	Lower	Upper
57	100		
41	52.9	31.4	47.2#
56	38.7	26.6	39.8

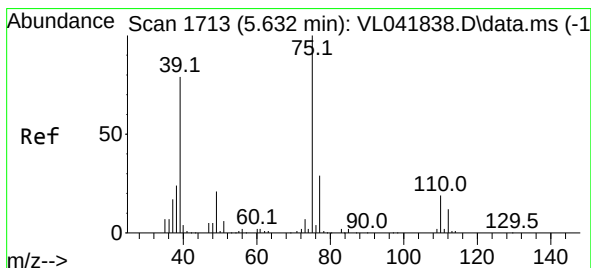
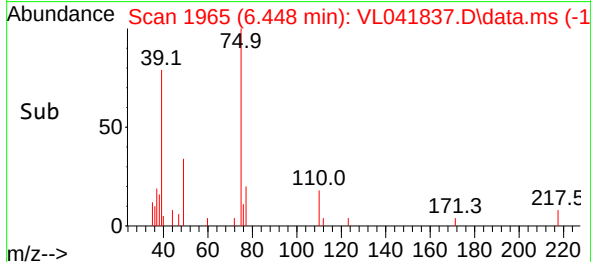
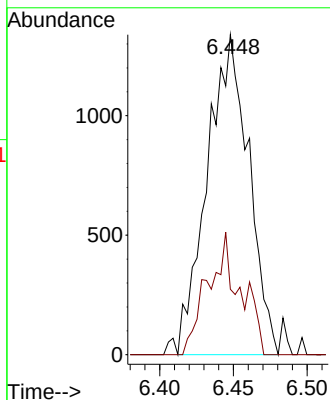
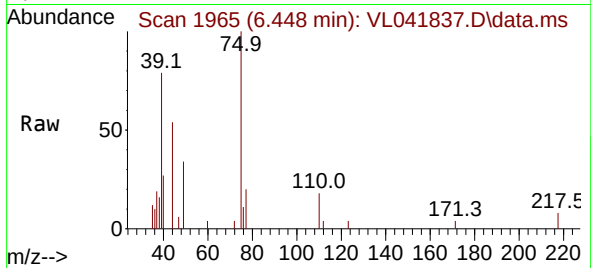




#45
 t-1,3-Dichloropropene
 Concen: 0.401 ppbv
 RT: 6.448 min Scan# 1962
 Delta R.T. 0.010 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

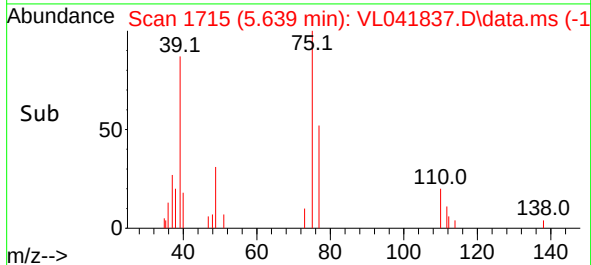
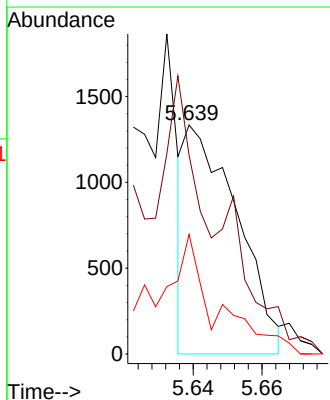
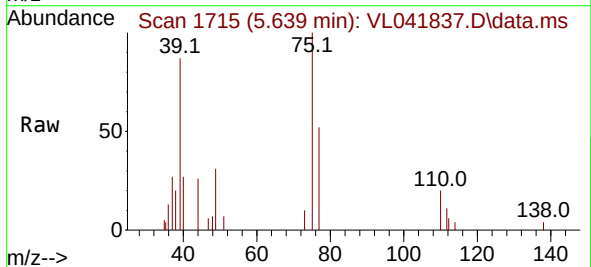
Instrument :
 MSVOA_L
 ClientSampleId :

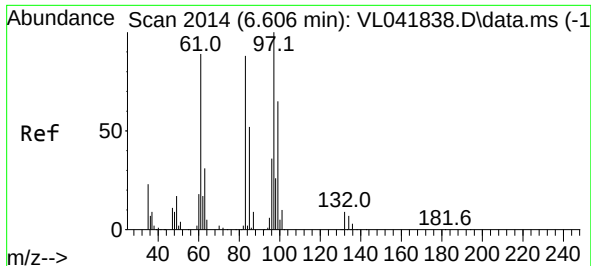
Tgt Ion: 75 Resp: 2629
 Ion Ratio Lower Upper
 75 100
 77 20.5 22.2 33.4#



#46
 cis-1,3-Dichloropropene
 Concen: 0.163 ppbv
 RT: 5.639 min Scan# 1715
 Delta R.T. 0.007 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion: 75 Resp: 1407
 Ion Ratio Lower Upper
 75 100
 39 75.1 63.3 94.9
 77 50.4 23.5 35.3#





#47

1,1,2-Trichloroethane

Concen: 0.244 ppbv

RT: 6.616 min Scan# 2014

Delta R.T. 0.010 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 2135

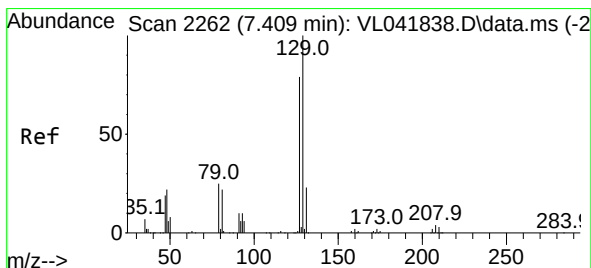
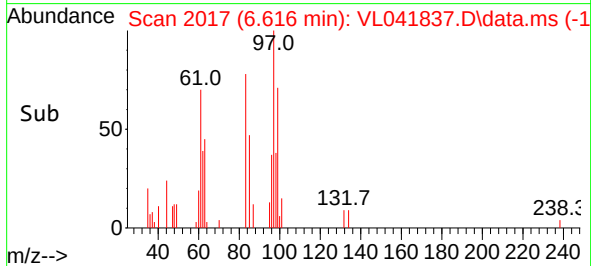
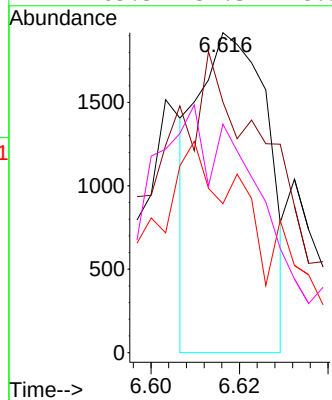
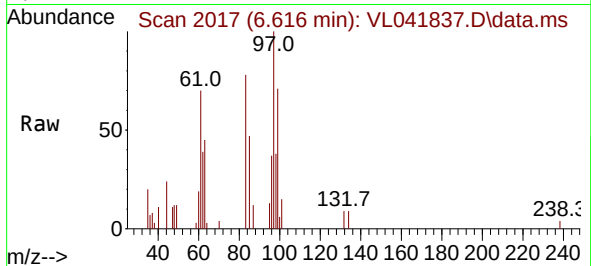
Ion Ratio Lower Upper

97 100

83 22.3 70.3 105.5#

85 8.8 41.5 62.3#

99 65.3 52.3 78.5



#48

Dibromochloromethane

Concen: 0.096 ppbv

RT: 7.422 min Scan# 2266

Delta R.T. 0.013 min

Lab File: VL041837.D

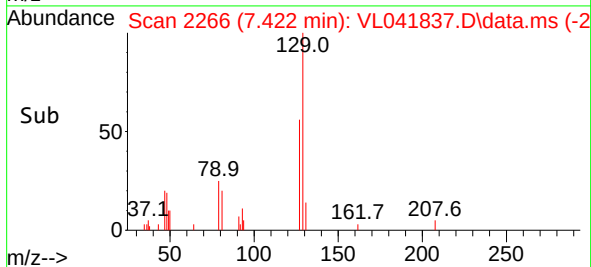
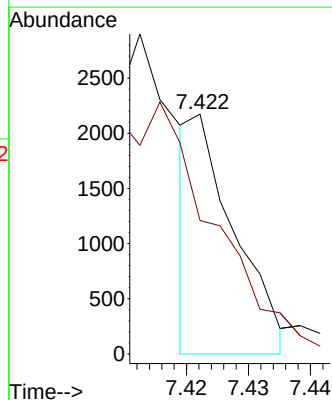
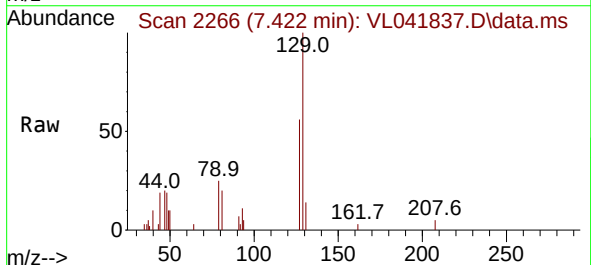
Acq: 07 Jan 2025 08:48

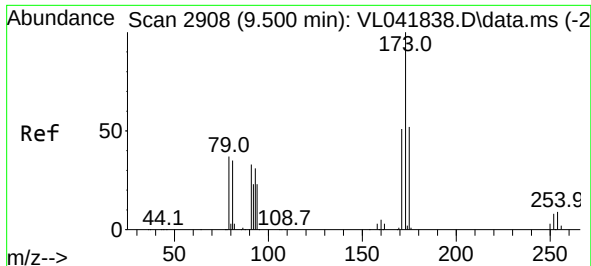
Tgt Ion: 129 Resp: 1066

Ion Ratio Lower Upper

129 100

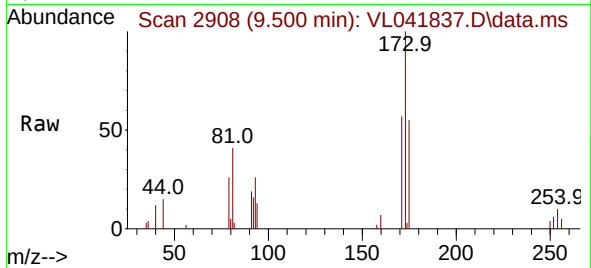
127 0.0 38.7 116.1#



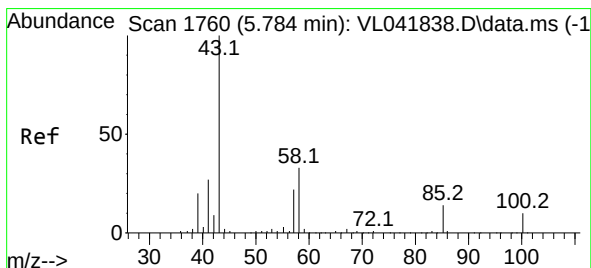
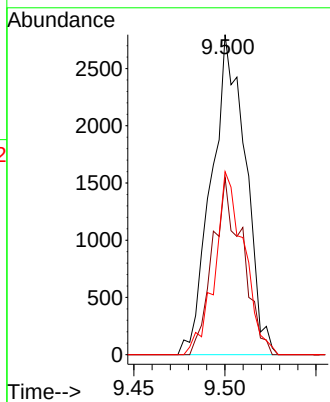
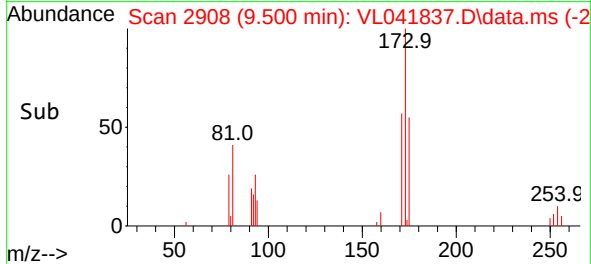


#49
Bromoform
Concen: 0.408 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Instrument :
MSVOA_L
ClientSampleId :

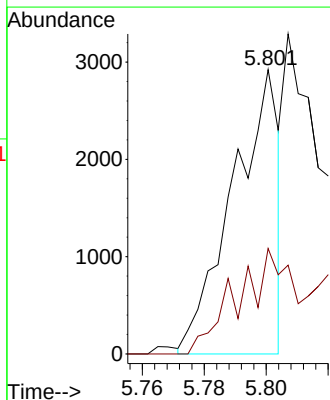
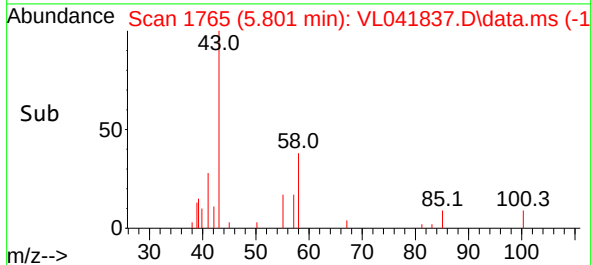
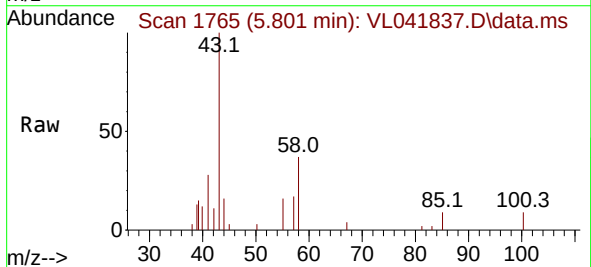


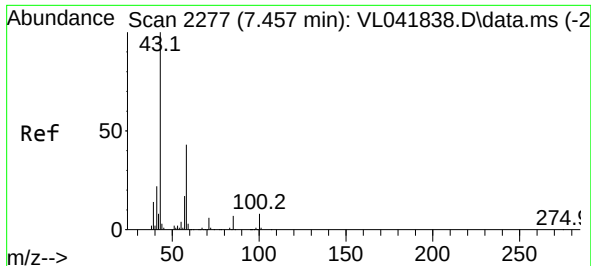
Tgt Ion:173 Resp: 3642
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
171 49.0 41.5 62.3



#50
4-Methyl-2-Pentanone
Concen: 0.148 ppbv
RT: 5.801 min Scan# 1765
Delta R.T. 0.016 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
58 72.6 25.7 38.5#

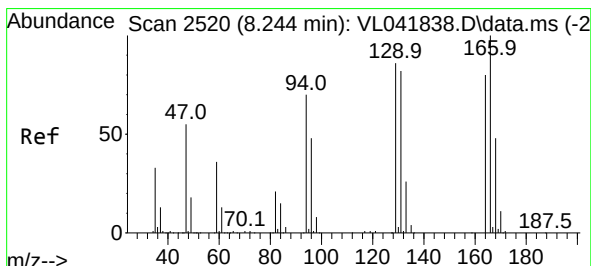
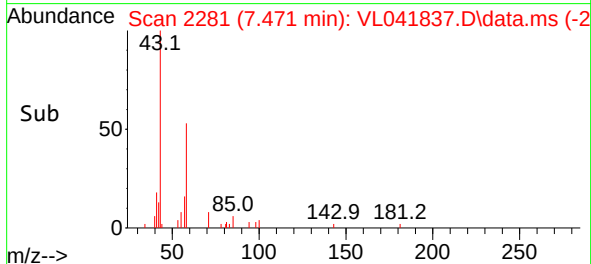
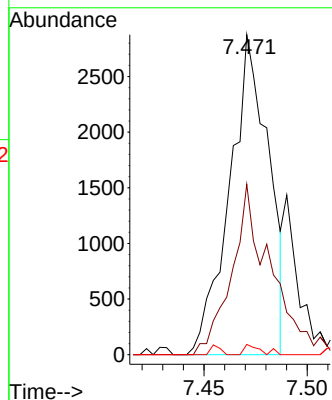
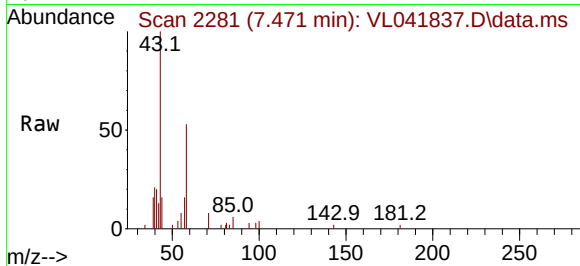




#51
2-Hexanone
Concen: 0.244 ppbv
RT: 7.471 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

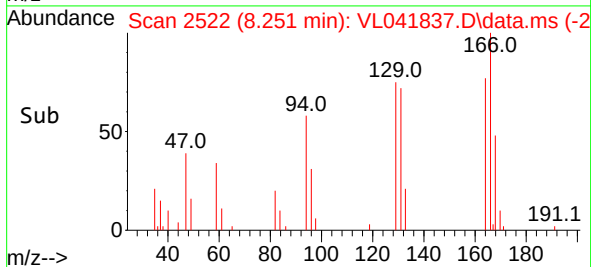
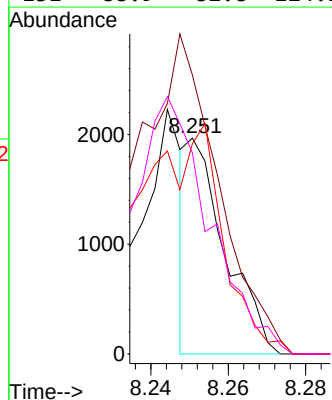
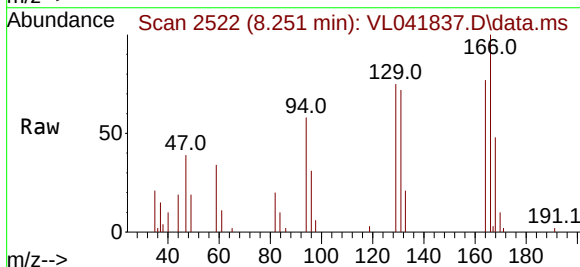
Instrument :
MSVOA_L
ClientSampleId :

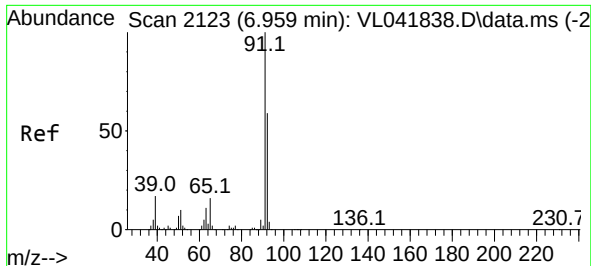
Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
58 53.6 33.8 50.8#
98 1.4 0.7 1.1#



#52
Tetrachloroethene
Concen: 0.211 ppbv
RT: 8.251 min Scan# 2522
Delta R.T. 0.007 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 164 Resp: 1337
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 91.5 85.9 128.9
131 88.9 82.8 124.2

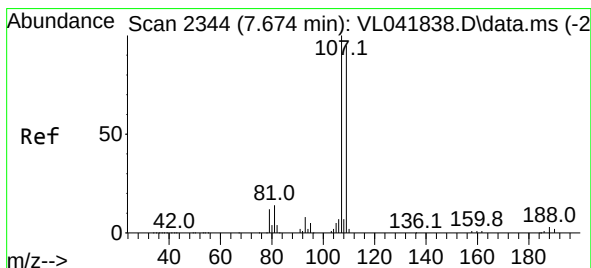
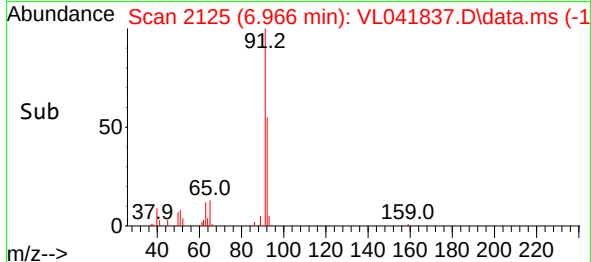
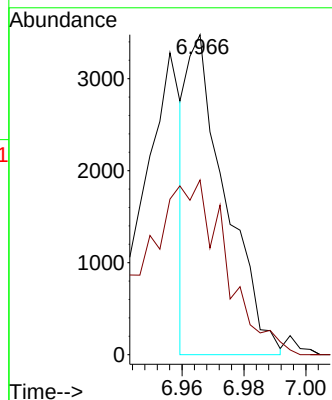
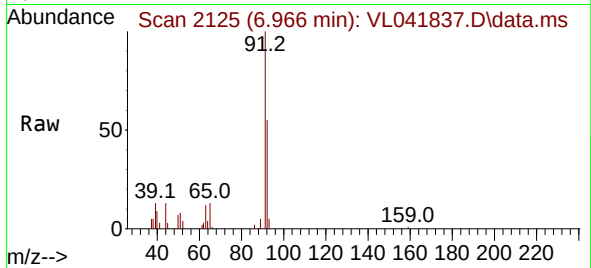




#53
Toluene
Concen: 0.158 ppbv
RT: 6.966 min Scan# 2125
Delta R.T. 0.007 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

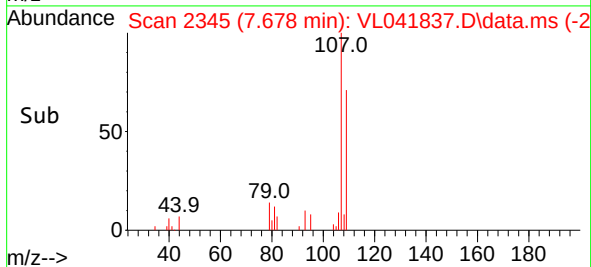
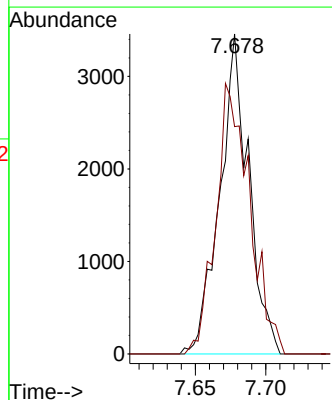
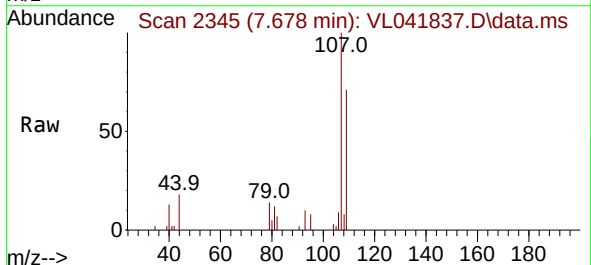
Instrument :
MSVOA_L
ClientSampleId :

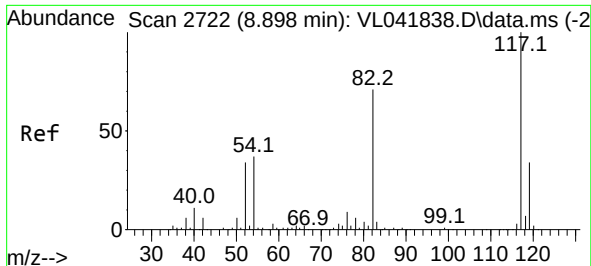
Tgt Ion: 91 Resp: 3000
Ion Ratio Lower Upper
91 100
92 115.6 47.8 71.6#



#54
1,2-Dibromoethane
Concen: 0.461 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 107 Resp: 4936
Ion Ratio Lower Upper
107 100
109 71.1 75.9 113.9#

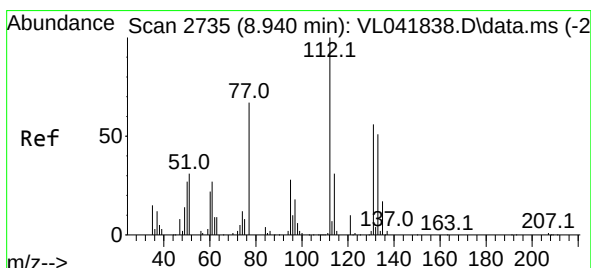
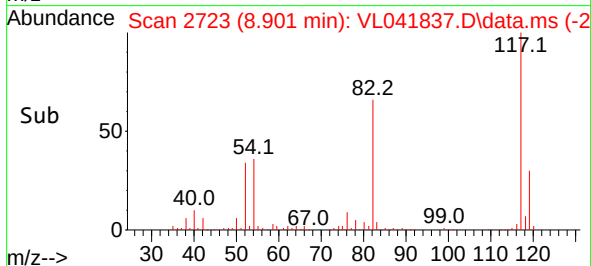
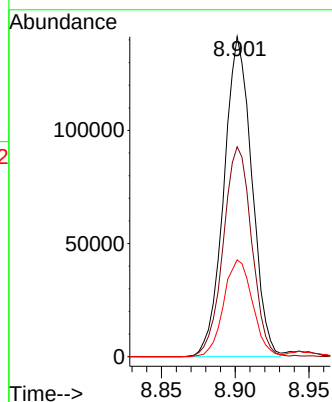
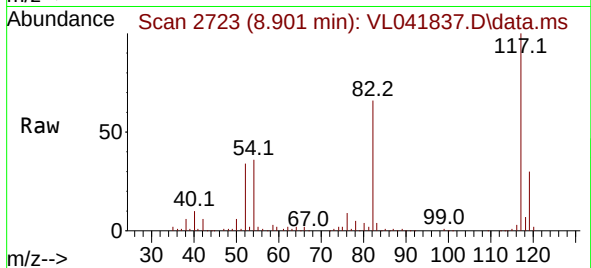




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

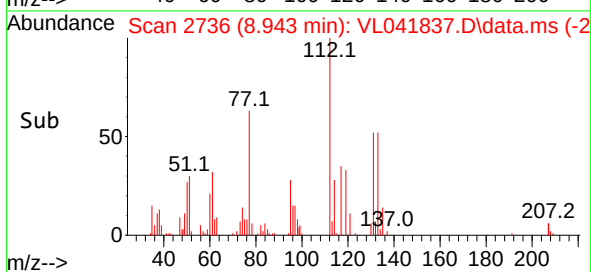
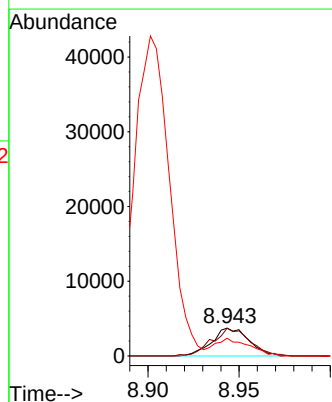
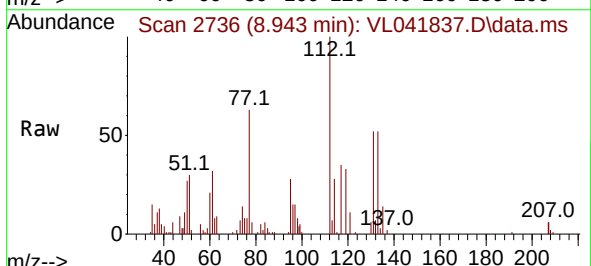
Instrument :
MSVOA_L
ClientSampleId :

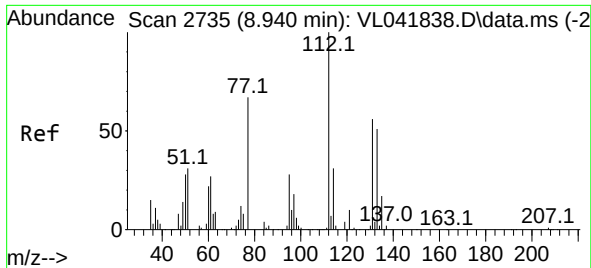
Tgt Ion:117 Resp: 186235
Ion Ratio Lower Upper
117 100
82 67.1 59.1 88.7
119 32.9 27.3 40.9



#56
1,1,1,2-Tetrachloroethane
Concen: 0.495 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:131 Resp: 5258
Ion Ratio Lower Upper
131 100
133 101.2 77.3 115.9
119 1166.3 50.6 76.0#

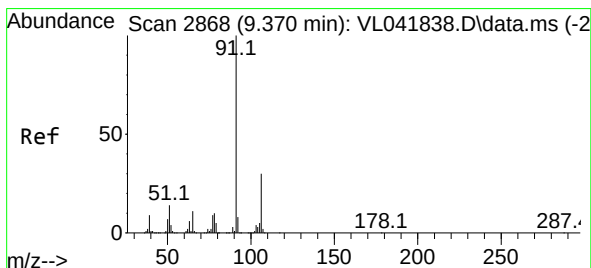
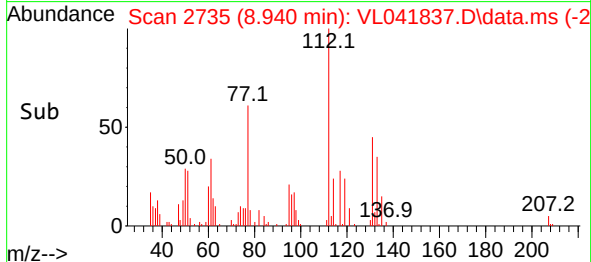
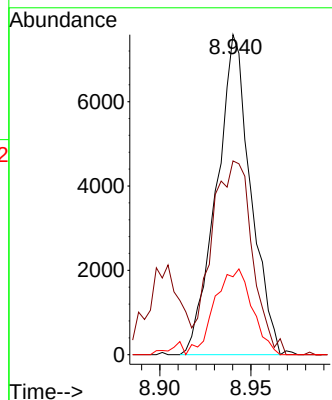
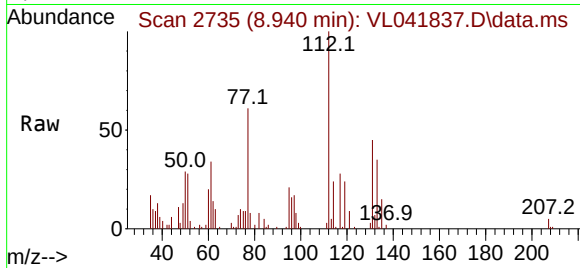




#57
Chlorobenzene
Concen: 0.509 ppbv
RT: 8.940 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

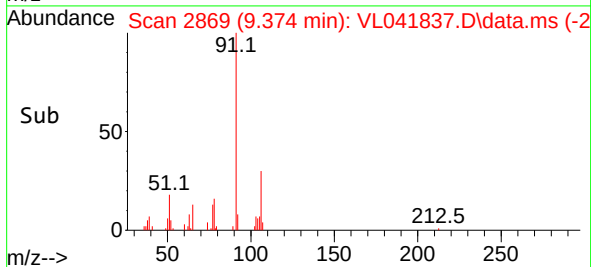
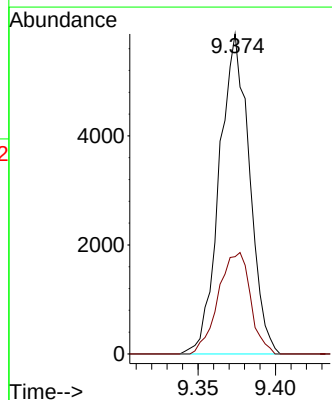
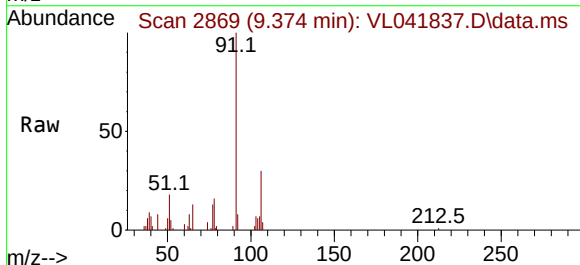
Instrument :
MSVOA_1
ClientSampleId :

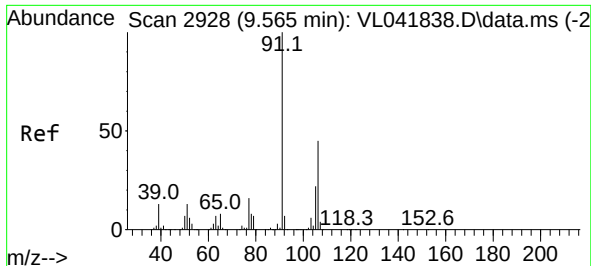
Tgt Ion:112 Resp: 9903
Ion Ratio Lower Upper
112 100
77 55.5 55.1 82.7
114 24.3 28.3 34.5#



#58
Ethyl Benzene
Concen: 0.312 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 91 Resp: 7921
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8





#59

m/p-Xylene

Concen: 0.277 ppbv

RT: 9.568 min Scan# 2928

Delta R.T. 0.004 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

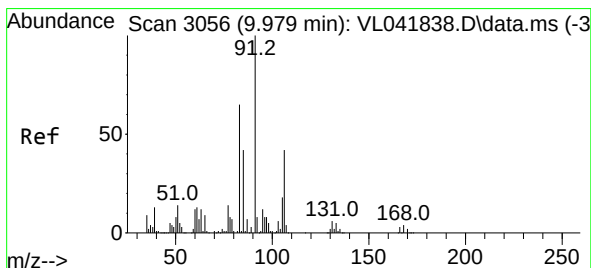
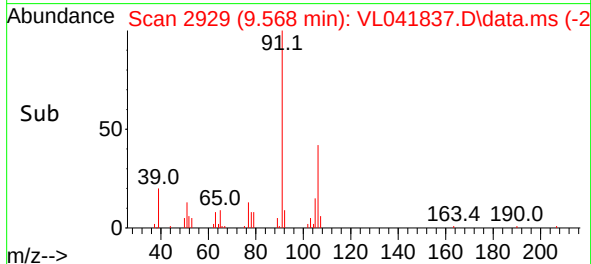
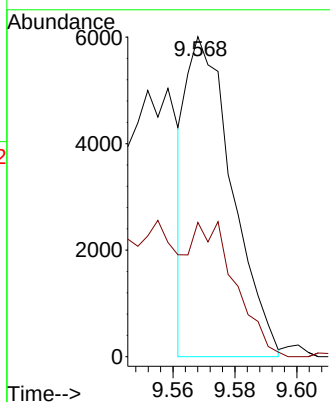
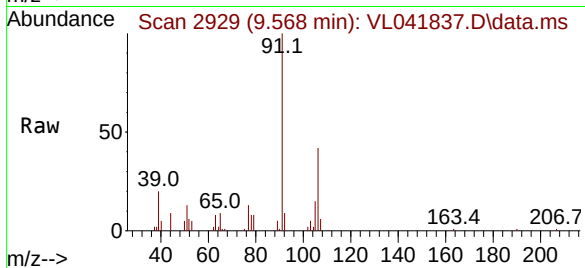
ClientSampleId :

Tgt Ion: 91 Resp: 6202

Ion Ratio Lower Upper

91 100

106 0.0 36.8 55.2#



#60

o-Xylene

Concen: 0.283 ppbv

RT: 9.986 min Scan# 3058

Delta R.T. 0.007 min

Lab File: VL041837.D

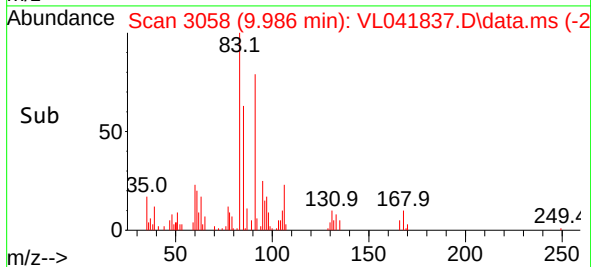
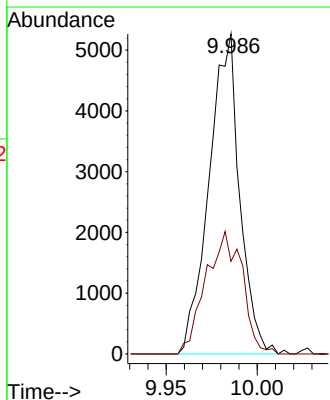
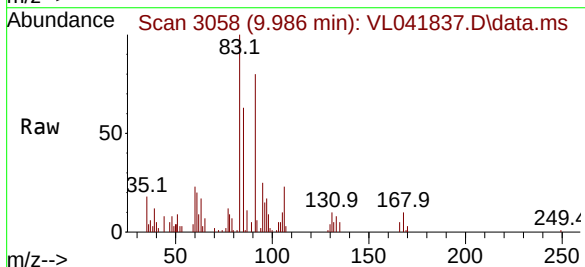
Acq: 07 Jan 2025 08:48

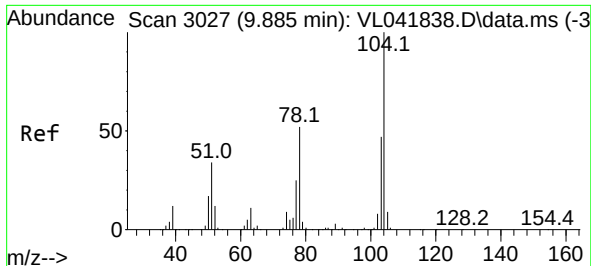
Tgt Ion: 91 Resp: 6160

Ion Ratio Lower Upper

91 100

106 45.6 21.9 65.5

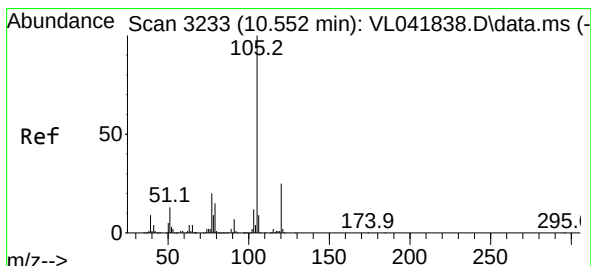
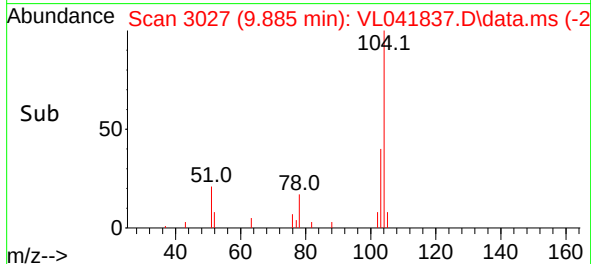
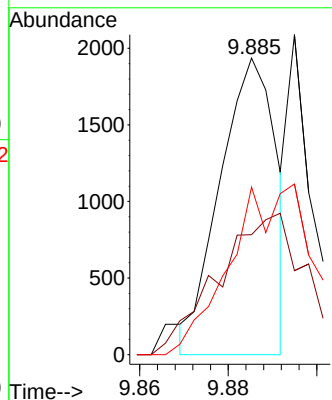
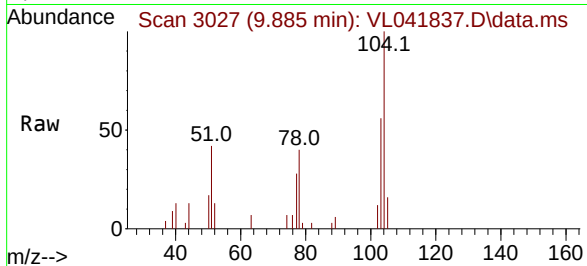




#61
Styrene
Concen: 0.202 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

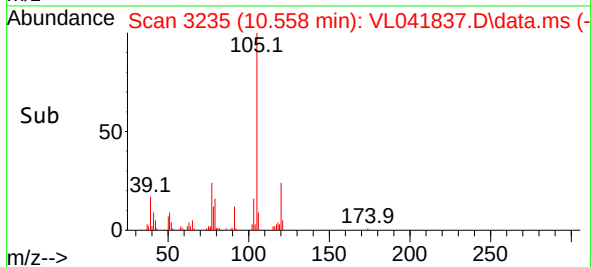
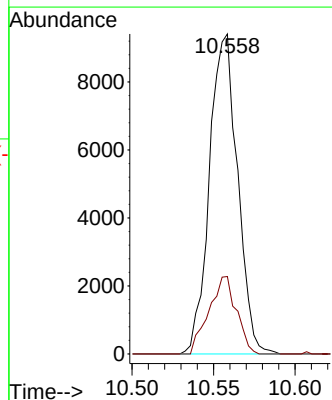
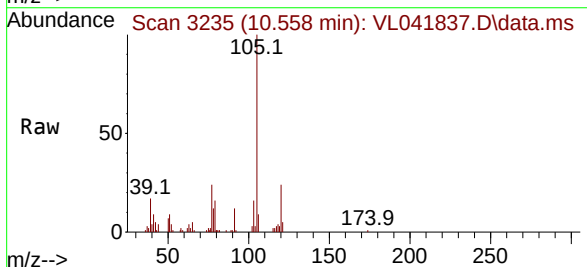
Instrument :
MSVOA_L
ClientSampleId :

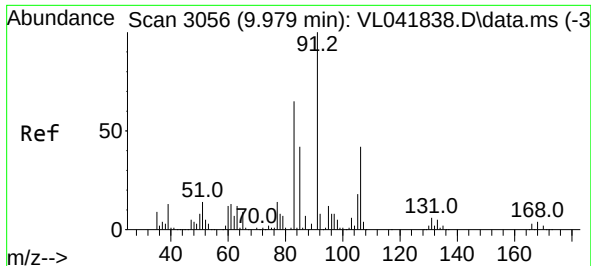
Tgt Ion:104 Resp: 1705
Ion Ratio Lower Upper
104 100
78 0.0 42.8 64.2#
103 0.0 37.8 56.6#



#62
Isopropylbenzene
Concen: 0.330 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.007 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:105 Resp: 11291
Ion Ratio Lower Upper
105 100
120 23.7 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 0.478 ppbv

RT: 9.982 min Scan# 3056

Delta R.T. 0.004 min

Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :

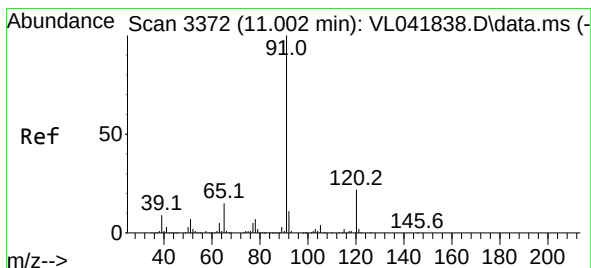
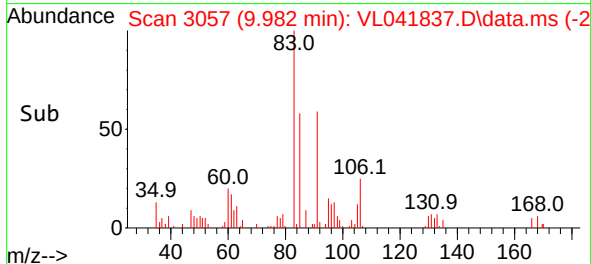
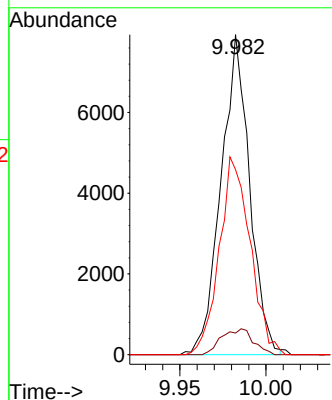
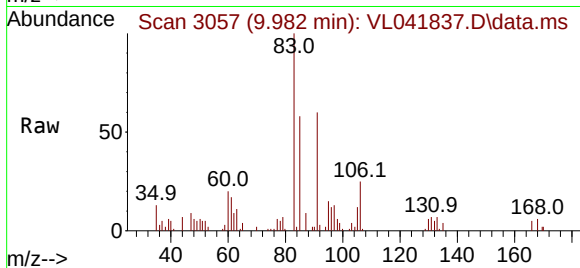
Tgt Ion: 83 Resp: 9136

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

85 66.9 31.9 95.9



#64

n-propylbenzene

Concen: 0.304 ppbv

RT: 11.008 min Scan# 3374

Delta R.T. 0.007 min

Lab File: VL041837.D

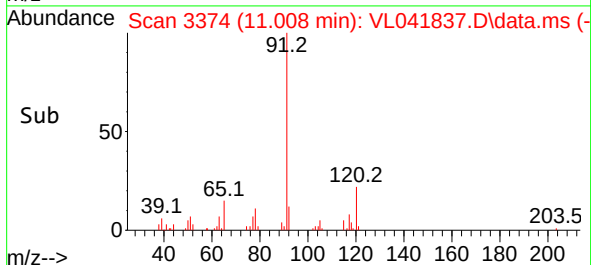
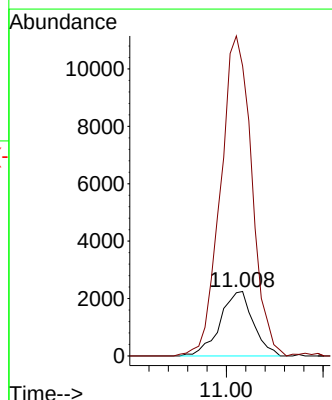
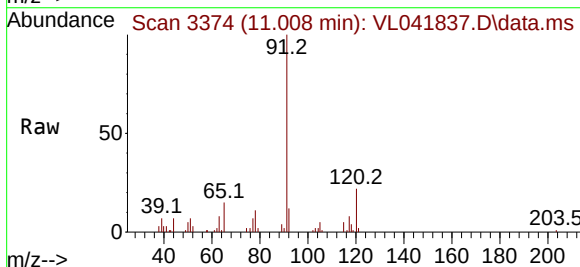
Acq: 07 Jan 2025 08:48

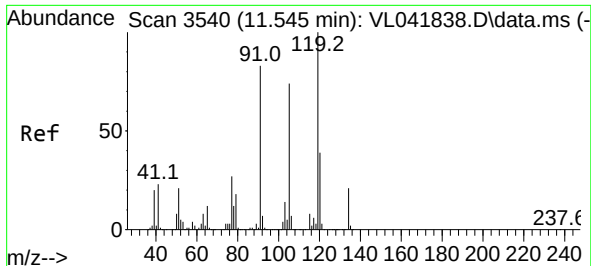
Tgt Ion: 120 Resp: 2671

Ion Ratio Lower Upper

120 100

91 471.0 382.1 573.1

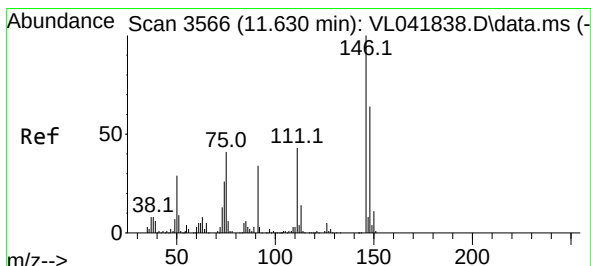
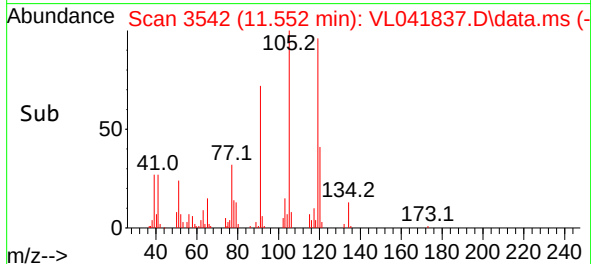
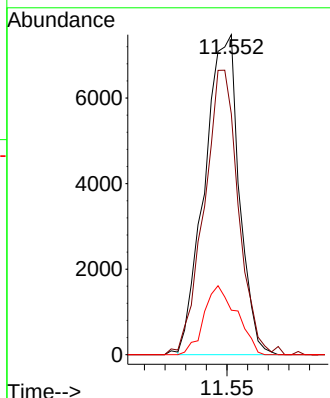
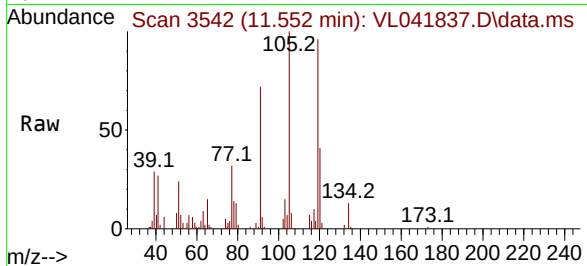




#65
tert-Butylbenzene
Concen: 0.282 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. 0.007 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

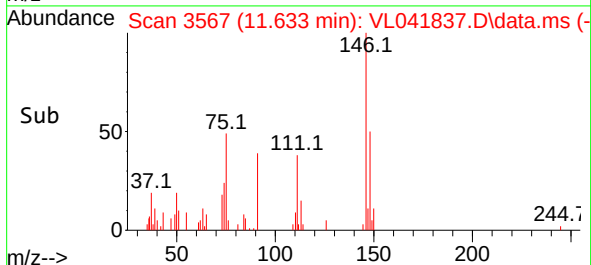
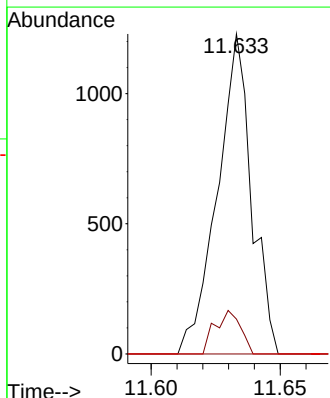
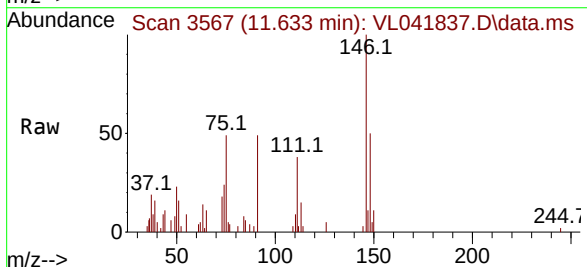
Instrument :
MSVOA_L
ClientSampleId :

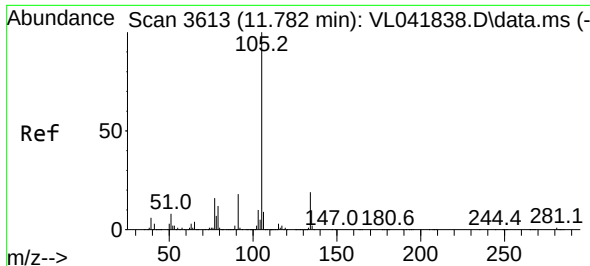
Tgt Ion:119 Resp: 8701
Ion Ratio Lower Upper
119 100
91 88.4 68.0 102.0
134 20.5 16.2 24.4



#66
Benzyl Chloride
Concen: 0.439 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 91 Resp: 1132
Ion Ratio Lower Upper
91 100
126 10.2 12.1 18.1#
128 0.0 4.3 6.5#

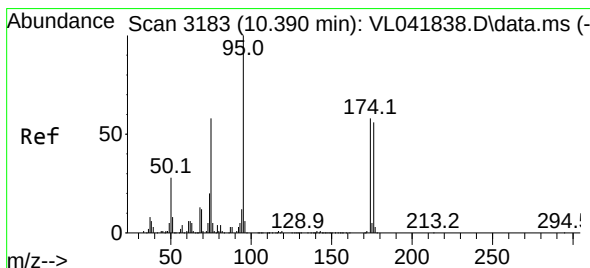
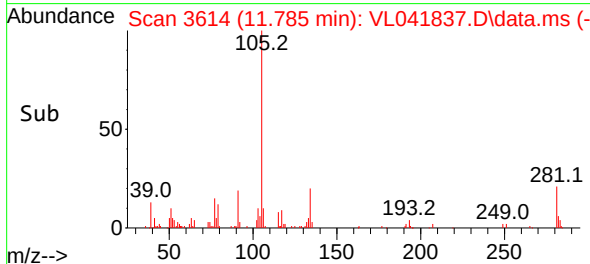
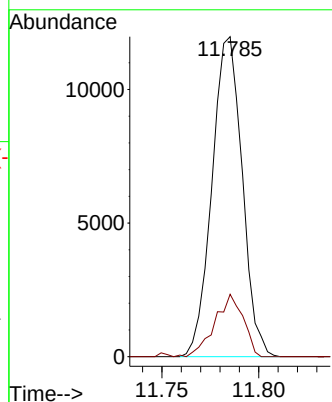
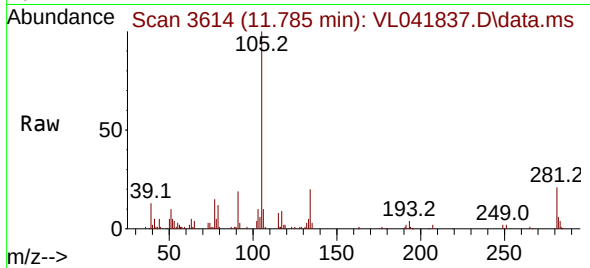




#67
 sec-Butylbenzene
 Concen: 0.288 ppbv
 RT: 11.785 min Scan# 3614
 Delta R.T. 0.004 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

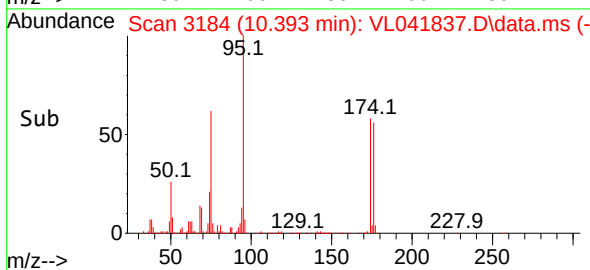
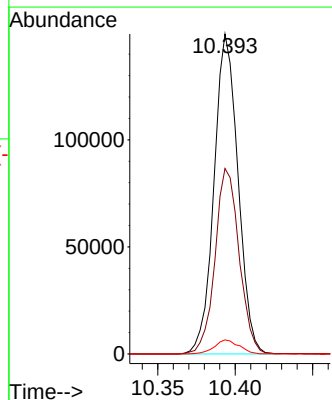
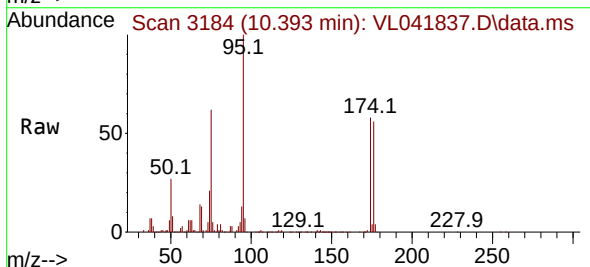
Instrument :
 MSVOA_L
 ClientSampleId :

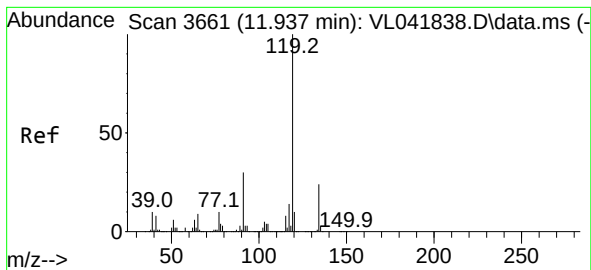
Tgt Ion:105 Resp: 12985
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.6 22.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.062 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.004 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion: 95 Resp: 160501
 Ion Ratio Lower Upper
 95 100
 174 58.4 47.6 71.4
 175 4.6 3.8 5.6

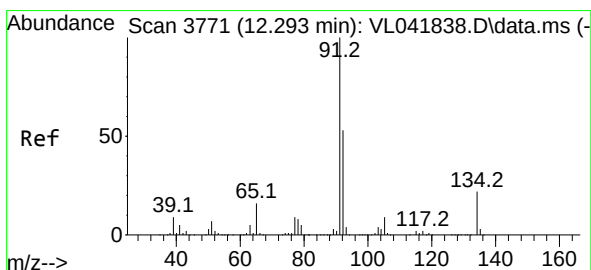
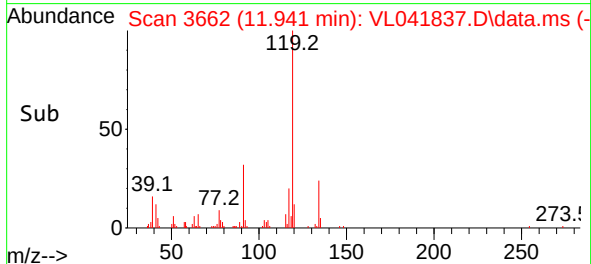
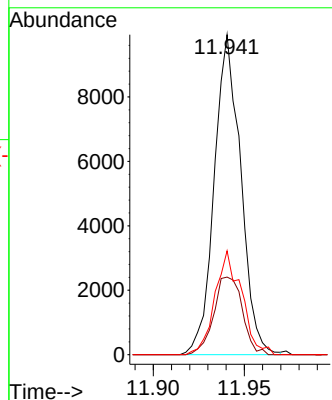
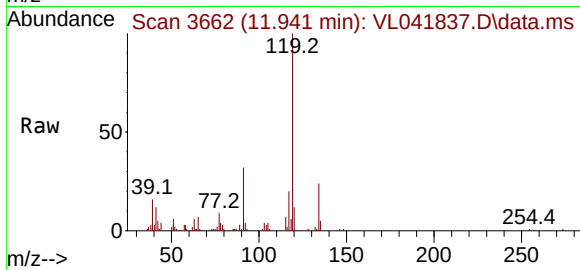




#69
p-Isopropyltoluene
Concen: 0.284 ppbv
RT: 11.941 min Scan# 3662
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

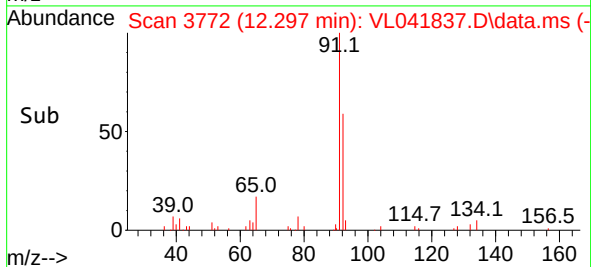
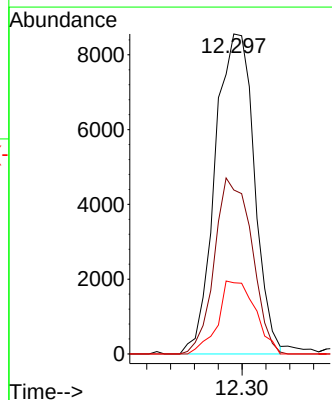
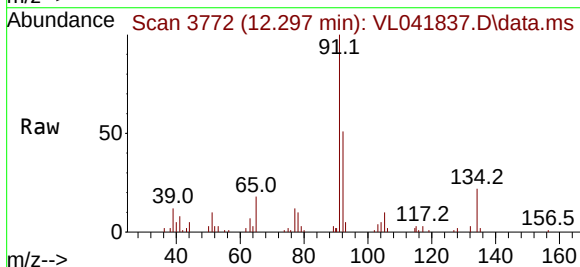
Instrument :
MSVOA_L
ClientSampleId :

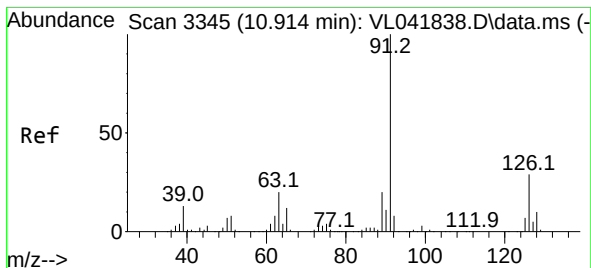
Tgt Ion:119 Resp: 10032
Ion Ratio Lower Upper
119 100
134 26.2 19.4 29.2
91 32.8 24.0 36.0



#70
n-Butylbenzene
Concen: 0.274 ppbv
RT: 12.297 min Scan# 3772
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 91 Resp: 9747
Ion Ratio Lower Upper
91 100
92 52.5 42.8 64.2
134 21.7 17.8 26.6

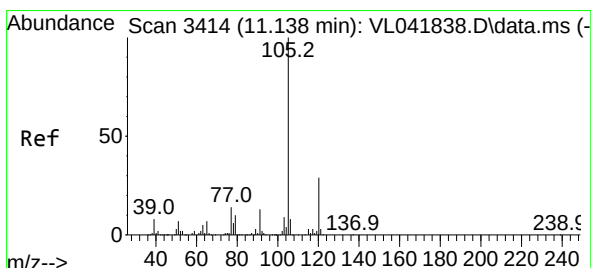
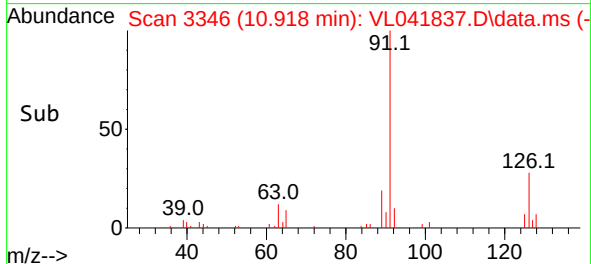
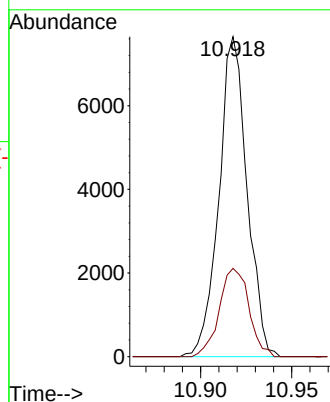
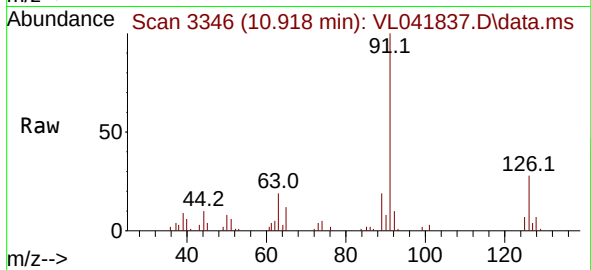




#71
2-Chlorotoluene
Concen: 0.330 ppbv
RT: 10.918 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

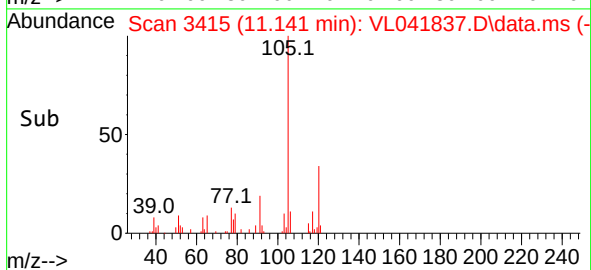
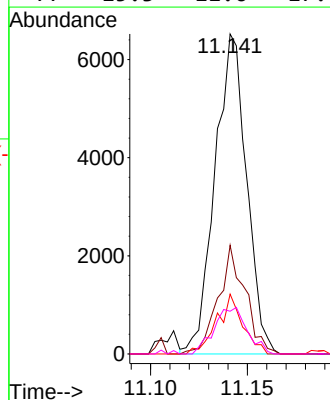
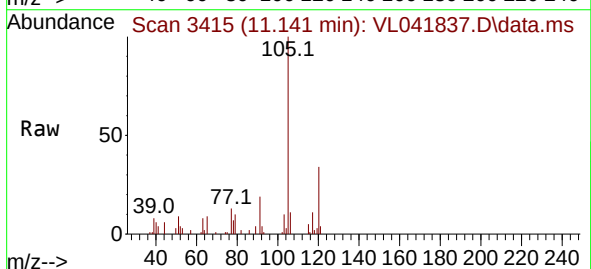
Instrument :
MSVOA_L
ClientSampleId :

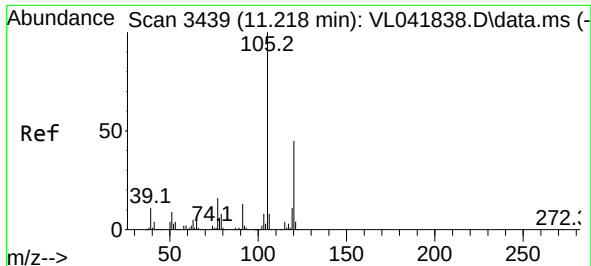
Tgt Ion: 91 Resp: 8206
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.281 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion: 105 Resp: 7403
Ion Ratio Lower Upper
105 100
120 30.2 23.4 35.2
91 15.4 10.8 16.2
77 15.3 11.6 17.4

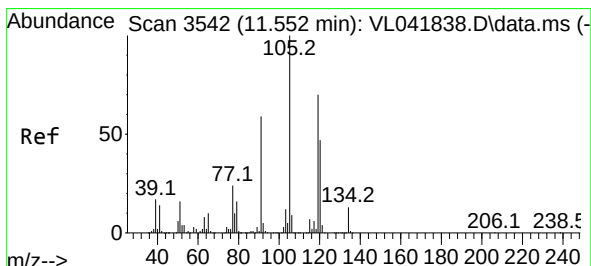
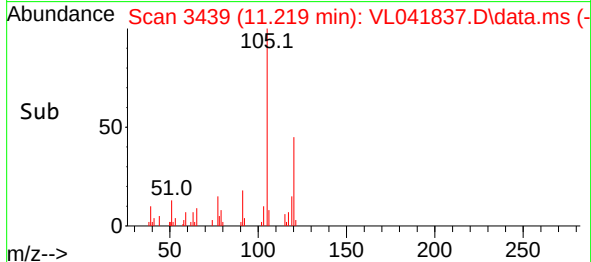
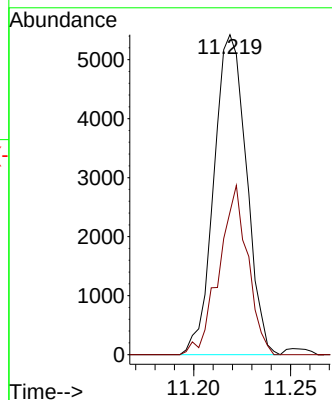
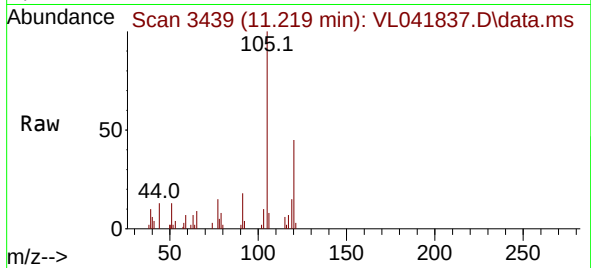




#73
 1,3,5-Trimethylbenzene
 Concen: 0.274 ppbv
 RT: 11.219 min Scan# 3439
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

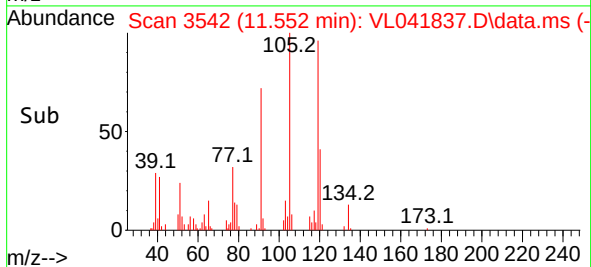
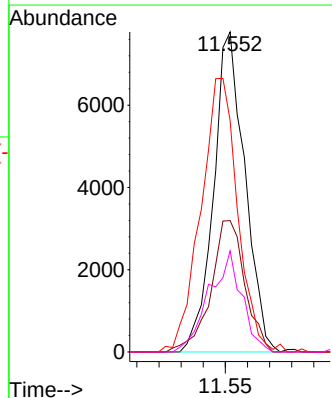
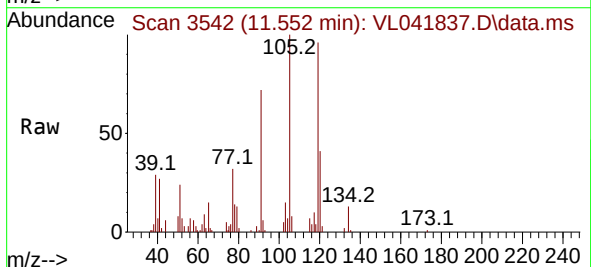
Instrument :
 MSVOA_L
 ClientSampleId :

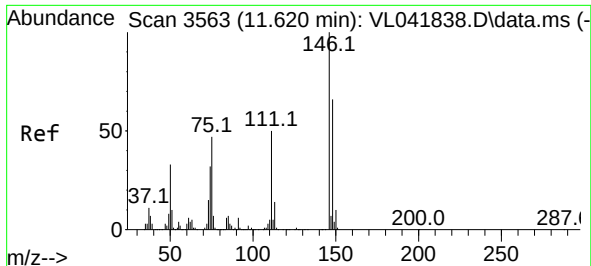
Tgt Ion:105 Resp: 6330
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.9 53.9



#74
 1,2,4-Trimethylbenzene
 Concen: 0.286 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VL041837.D
 Acq: 07 Jan 2025 08:48

Tgt Ion:105 Resp: 7641
 Ion Ratio Lower Upper
 105 100
 120 41.1 37.4 56.0
 91 69.9 47.4 71.2
 77 31.6 19.0 28.6#

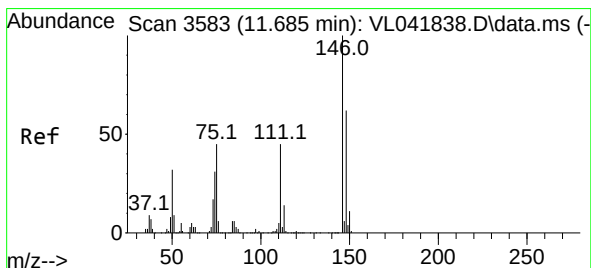
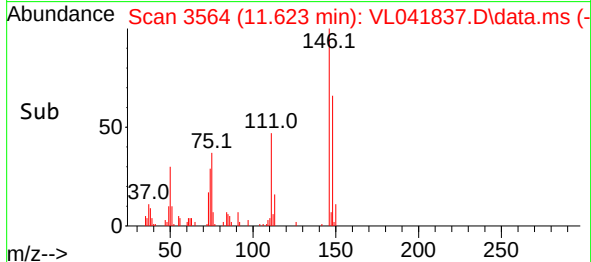
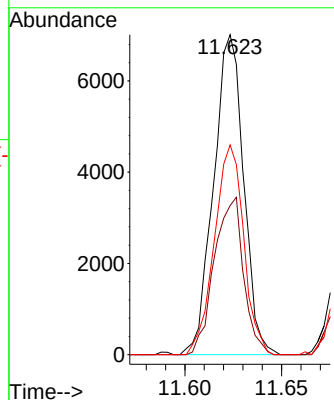
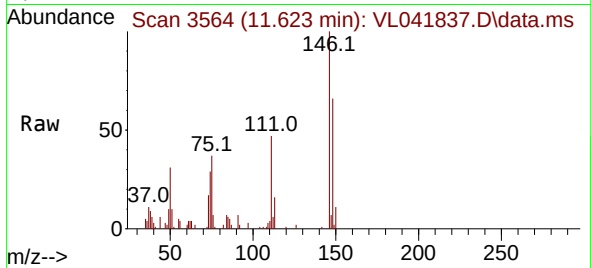




#75
1,3-Dichlorobenzene
Concen: 0.422 ppbv
RT: 11.623 min Scan# 3563
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

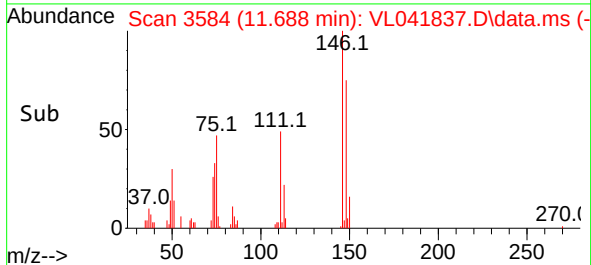
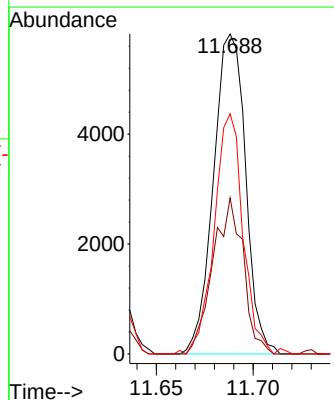
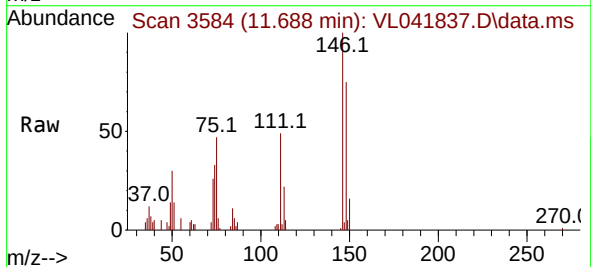
Instrument :
MSVOA_1
ClientSampleId :

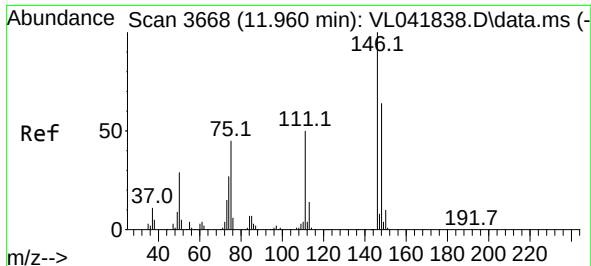
Tgt Ion:146 Resp: 7551
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.2
148 64.1 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.391 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:146 Resp: 6728
Ion Ratio Lower Upper
146 100
111 46.0 23.2 69.6
148 67.1 32.1 96.3

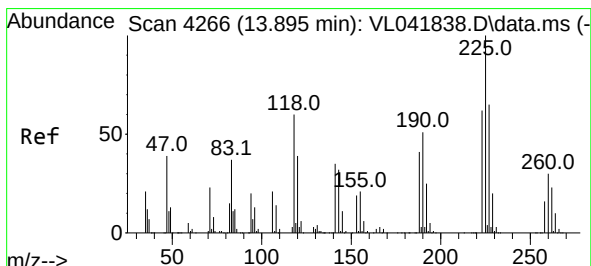
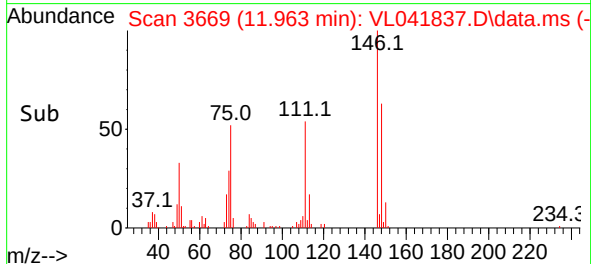
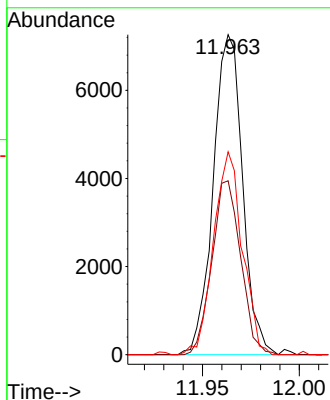
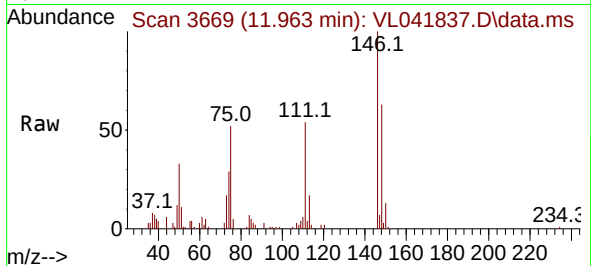




#77
1,2-Dichlorobenzene
Concen: 0.410 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

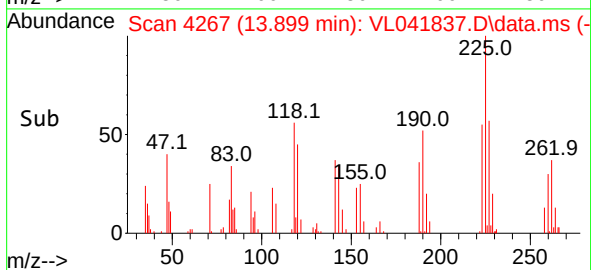
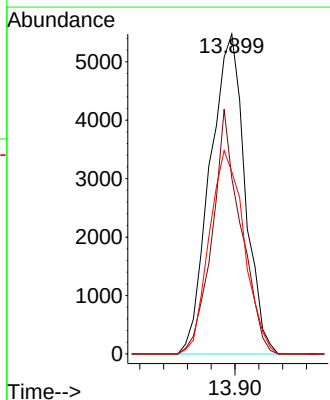
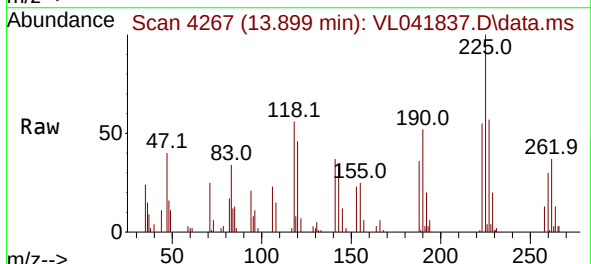
Instrument :
MSVOA_L
ClientSampleId :

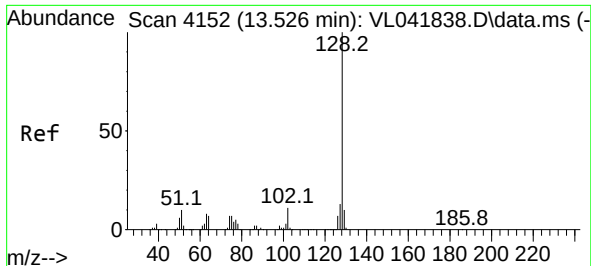
Tgt Ion:146 Resp: 7641
Ion Ratio Lower Upper
146 100
111 53.4 24.7 74.1
148 62.7 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.421 ppbv
RT: 13.899 min Scan# 4267
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:225 Resp: 5579
Ion Ratio Lower Upper
225 100
223 62.2 50.4 75.6
227 63.5 51.2 76.8

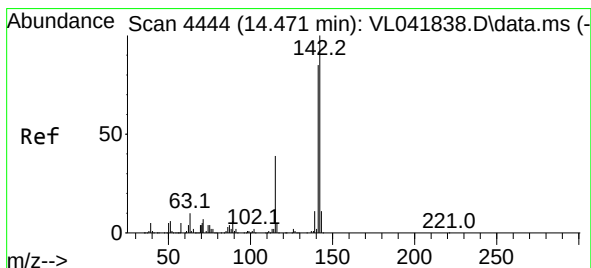
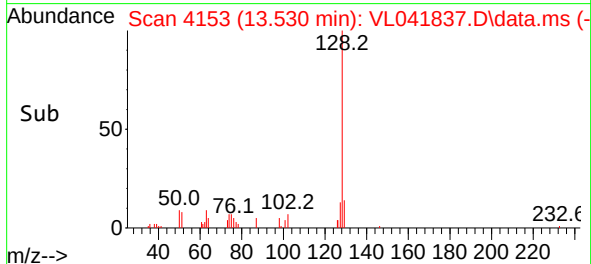
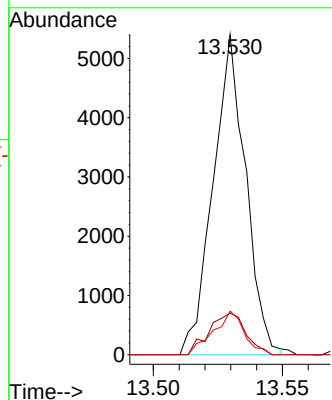
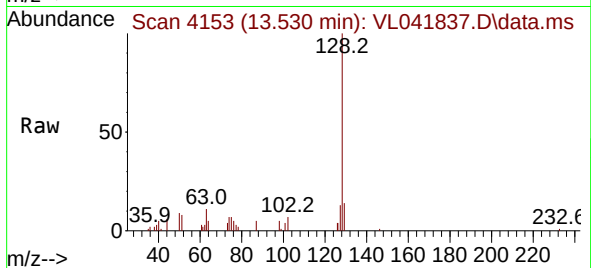




#79
Naphthalene
Concen: 0.241 ppbv
RT: 13.530 min Scan# 4153
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

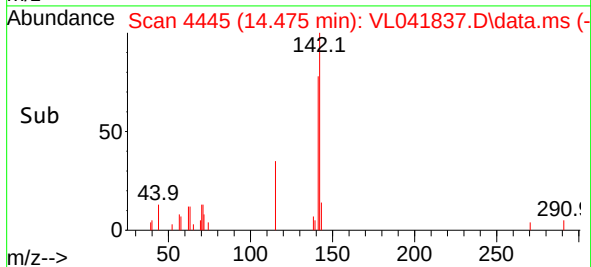
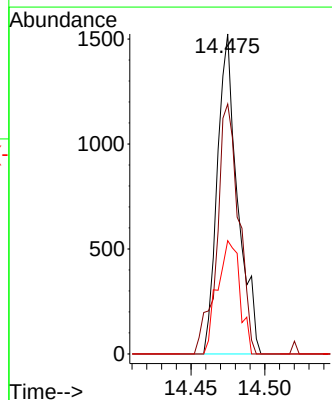
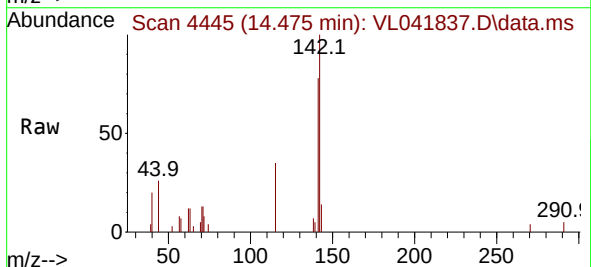
Instrument :
MSVOA_L
ClientSampleId :

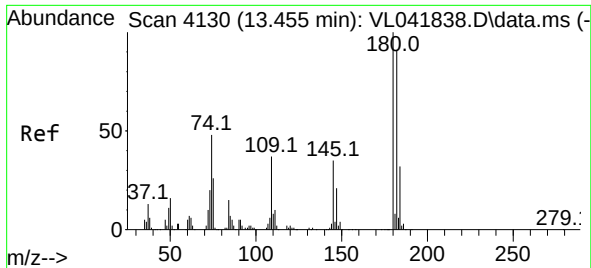
Tgt Ion:128 Resp: 4739
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 13.6 8.2 12.4#



#80
Naphthalene,2-methyl-
Concen: 0.201 ppbv
RT: 14.475 min Scan# 4445
Delta R.T. 0.004 min
Lab File: VL041837.D
Acq: 07 Jan 2025 08:48

Tgt Ion:142 Resp: 1462
Ion Ratio Lower Upper
142 100
141 83.5 67.8 101.6
115 39.0 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 0.330 ppbv

RT: 13.455 min Scan# 41

Delta R.T. 0.000 min

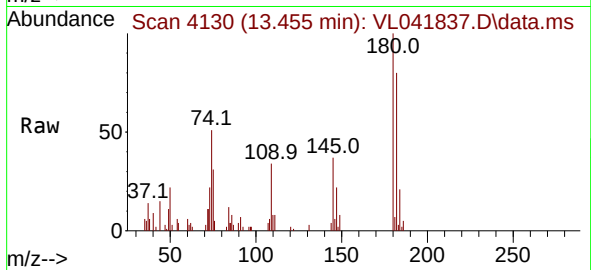
Lab File: VL041837.D

Acq: 07 Jan 2025 08:48

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	180	Resp:	3607
Ion	Ratio	Lower	Upper
180	100		
182	89.4	75.9	113.9
184	30.2	24.8	37.2

