

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081125\
 Data File : VL042834.D
 Acq On : 11 Aug 2025 09:26
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 12 02:10:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 12 01:58:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	134566	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	368019	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	311395	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	255696	10.189	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	19425	1.032	ppbv	96
3) Chlorodifluoromethane	1.473	51	26416	1.048	ppbv	100
4) Chloromethane	1.531	50	7615	0.965	ppbv	91
5) Vinyl Chloride	1.577	62	7300	0.969	ppbv	98
6) Bromomethane	1.667	94	2883	1.017	ppbv	98
7) Chloroethane	1.700	64	2803	0.985	ppbv #	87
8) Dichlorotetrafluoroethane	1.551	85	16029	1.023	ppbv	98
9) Propene	1.479	41	8930	1.029	ppbv	94
10) Heptane	4.969	43	17827	0.850	ppbv	97
11) Trichlorofluoromethane	1.874	101	20103	1.068	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	15261	1.025	ppbv	100
13) Ethanol	1.716	45	951	0.796	ppbv	79
14) Bromoethene	1.777	108	5740	1.055	ppbv #	95
15) Acetone	1.832	43	20151	1.064	ppbv	93
16) 1,3-Butadiene	1.606	39	8712	1.049	ppbv	98
17) tert-Butyl alcohol	2.036	59	16691	1.020	ppbv	96
18) 1,1-Dichloroethene	2.030	96	6558	1.031	ppbv	90
19) Isopropyl Alcohol	1.881	45	10713	1.044	ppbv #	93
20) Methylene Chloride	2.056	84	7006	0.984	ppbv	93
21) Allyl Chloride	2.091	41	11810	0.984	ppbv	95
22) trans-1,2-Dichloroethene	2.337	96	7544	1.050	ppbv	97
23) Vinyl Acetate	2.457	43	21576	0.888	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	14899	1.003	ppbv	97
25) Ethyl Acetate	2.829	43	38557	0.904	ppbv	97
26) Hexane	2.819	57	15093	0.803	ppbv #	84
27) Carbon Disulfide	2.146	76	16782	0.984	ppbv #	49
28) Methyl tert-Butyl Ether	2.434	73	8550	0.983	ppbv	97
29) Chloroform	2.842	83	30449	0.996	ppbv	99
30) Cyclohexane	3.845	84	6384	0.485	ppbv #	1
31) cis-1,2-Dichloroethene	2.716	61	17751	0.996	ppbv	95
32) 1,1,1-Trichloroethane	3.360	97	29094	1.007	ppbv	98
34) 2-Butanone	2.551	43	26513	0.967	ppbv	98
35) Carbon Tetrachloride	3.758	117	29903	0.939	ppbv	90
36) Benzene	3.648	78	33304	0.944	ppbv	97
37) 1,2-Dichloroethane	3.211	62	22863	0.997	ppbv	99
38) Trichloroethene	4.538	130	15851	0.893	ppbv	96
39) 1,2-Dichloropropane	4.305	63	13784	0.995	ppbv	91
40) 1,4-Dioxane	4.577	88	1835	0.346	ppbv #	1
41) Tetrahydrofuran	3.052	42	11416	0.870	ppbv	98
42) Bromodichloromethane	4.477	83	29990	0.972	ppbv	98
43) Methyl Methacrylate	4.865	69	4640	0.403	ppbv #	1
44) 2,2,4-Trimethylpentane	4.625	57	28423	0.480	ppbv #	32
45) t-1,3-Dichloropropene	6.402	75	8357	0.656	ppbv	99

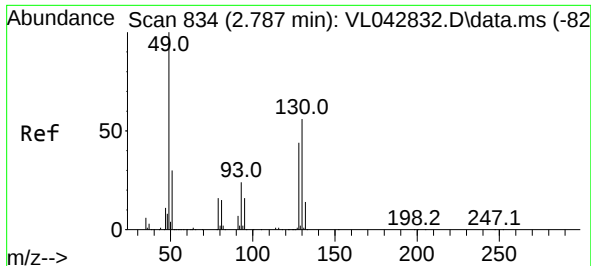
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081125\
 Data File : VL042834.D
 Acq On : 11 Aug 2025 09:26
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Quant Time: Aug 12 02:10:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 12 01:58:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	6509	0.382	ppbv	93
47) 1,1,2-Trichloroethane	6.571	97	15420	1.027	ppbv #	86
48) Dibromochloromethane	7.377	129	23579	0.966	ppbv	96
49) Bromoform	9.477	173	19713	0.921	ppbv	98
50) 4-Methyl-2-Pentanone	5.742	43	13070	0.413	ppbv #	41
51) 2-Hexanone	7.428	43	7768	0.331	ppbv #	31
52) Tetrachloroethene	8.215	164	12580	0.953	ppbv	90
53) Toluene	6.923	91	27321	0.817	ppbv	97
54) 1,2-Dibromoethane	7.645	107	18786	0.931	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.920	131	10706	0.559	ppbv #	21
57) Chlorobenzene	8.914	112	33832	1.021	ppbv	98
58) Ethyl Benzene	9.351	91	36759	0.812	ppbv	98
59) m/p-Xylene	9.545	91	41276	1.058	ppbv #	100
60) o-Xylene	9.956	91	32061	0.837	ppbv	100
61) Styrene	9.862	104	10802	1.147	ppbv	98
62) Isopropylbenzene	10.532	105	51490	0.888	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	28022	0.982	ppbv	96
64) n-propylbenzene	10.985	120	12979	0.863	ppbv	100
65) tert-Butylbenzene	11.526	119	45531	0.887	ppbv	99
66) Benzyl Chloride	11.610	91	4687	0.853	ppbv #	98
67) sec-Butylbenzene	11.762	105	70158	0.926	ppbv	97
69) p-Isopropyltoluene	11.921	119	51365	0.853	ppbv	98
70) n-Butylbenzene	12.277	91	51298	0.854	ppbv	98
71) 2-Chlorotoluene	10.895	91	35795	0.841	ppbv	99
72) 4-Ethyltoluene	11.118	105	37000	0.806	ppbv	98
73) 1,3,5-Trimethylbenzene	11.199	105	33491	0.847	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	42319	0.912	ppbv	94
75) 1,3-Dichlorobenzene	11.597	146	32473	0.974	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	29190	0.936	ppbv	95
77) 1,2-Dichlorobenzene	11.940	146	34834	1.027	ppbv	100
78) Hexachloro-1,3-Butadiene	13.873	225	30759	1.061	ppbv	99
79) Naphthalene	13.507	128	27193	0.821	ppbv #	94
80) Naphthalene,2-methyl-	14.452	142	5822	0.576	ppbv	98
81) 1,2,4-Trichlorobenzene	13.432	180	19353	0.876	ppbv	95

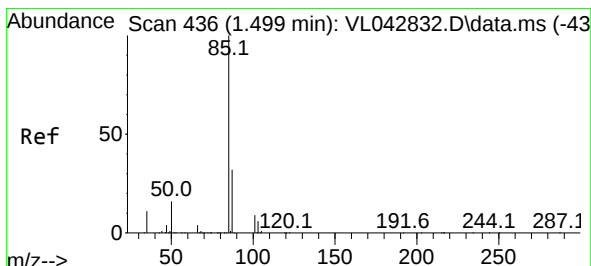
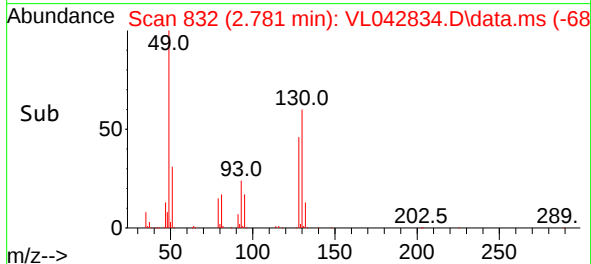
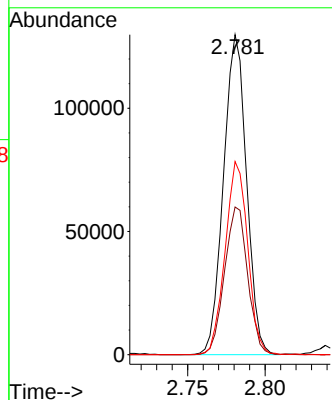
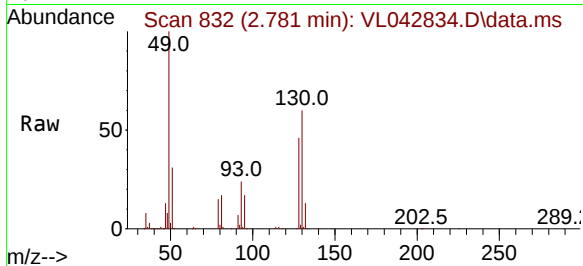
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

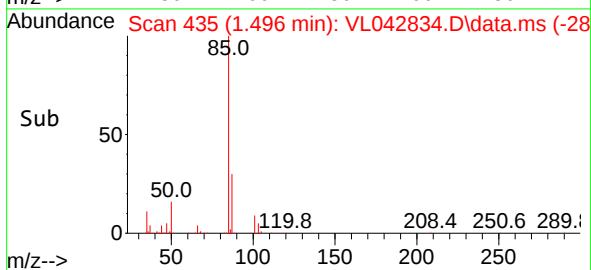
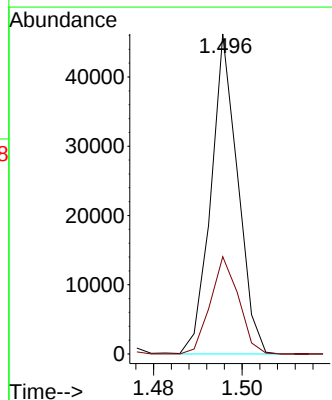
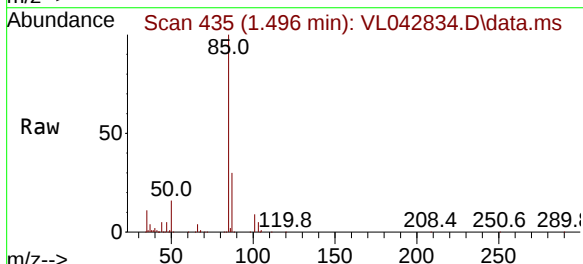
Instrument :
 MSVOA_L
 ClientSampleId :

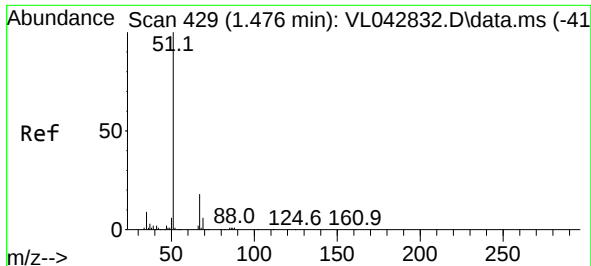
Tgt Ion: 49 Resp: 134566
 Ion Ratio Lower Upper
 49 100
 128 46.4 23.2 69.6
 130 59.1 29.0 87.1



#2
 Dichlorodifluoromethane
 Concen: 1.032 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion: 85 Resp: 19425
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.9 38.9

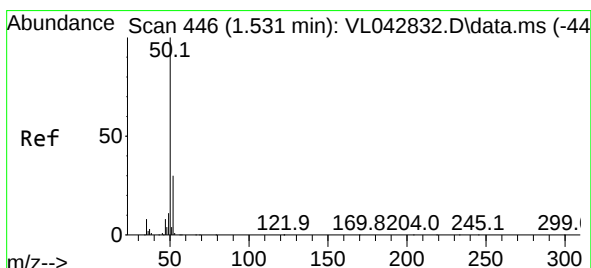
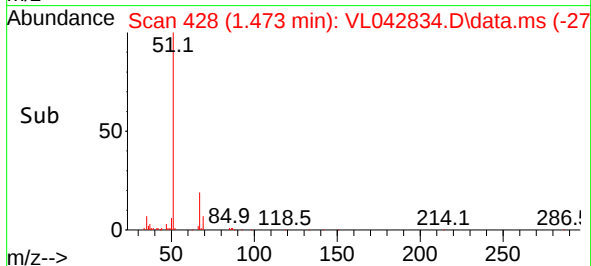
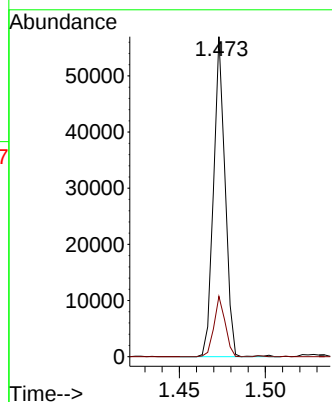
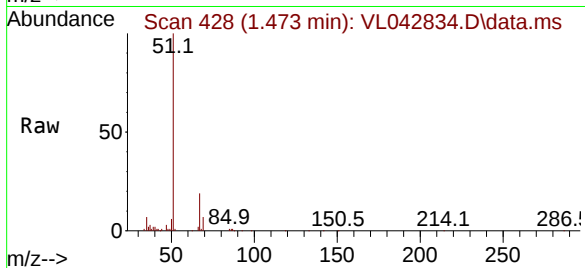




#3
Chlorodifluoromethane
Concen: 1.048 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

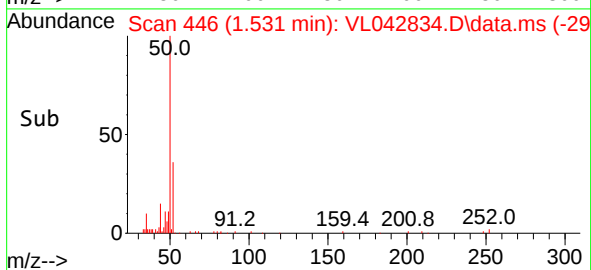
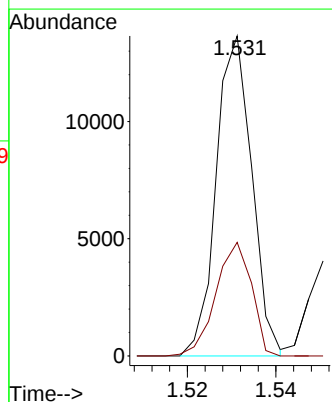
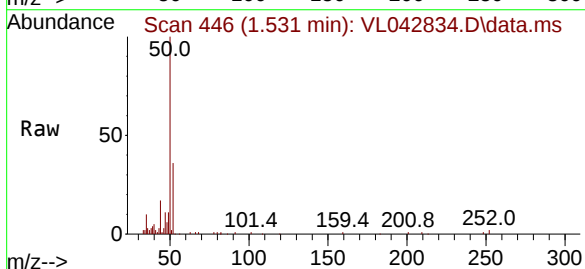
Instrument :
MSVOA_L
ClientSampleId :

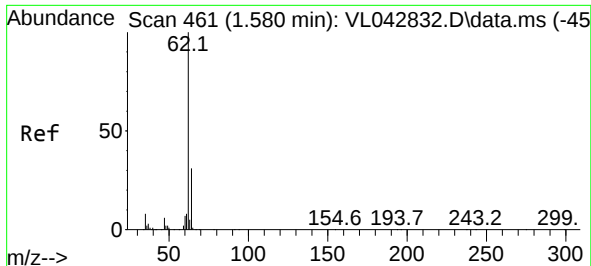
Tgt Ion: 51 Resp: 26416
Ion Ratio Lower Upper
51 100
67 18.6 14.7 22.1



#4
Chloromethane
Concen: 0.965 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 50 Resp: 7615
Ion Ratio Lower Upper
50 100
52 35.5 24.3 36.5

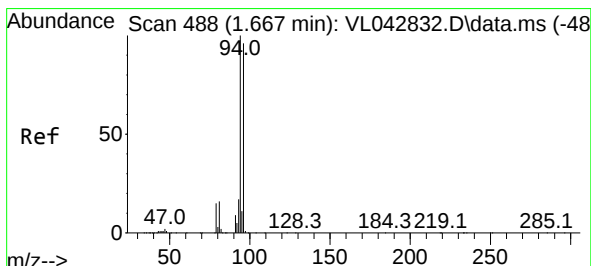
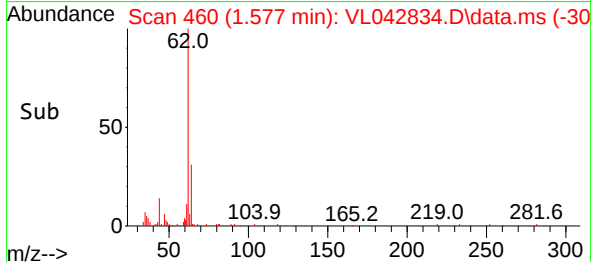
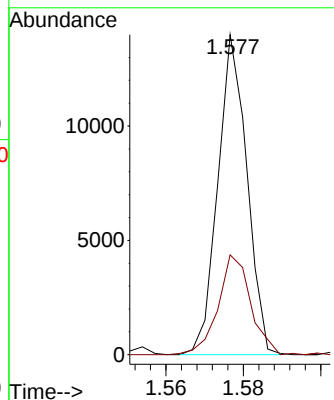
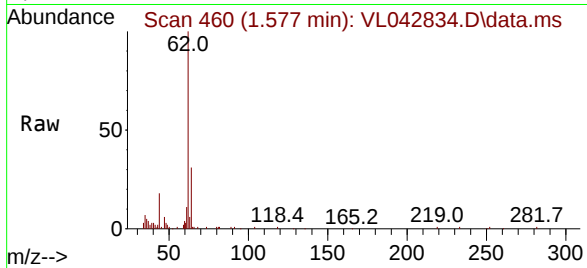




#5
 Vinyl Chloride
 Concen: 0.969 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

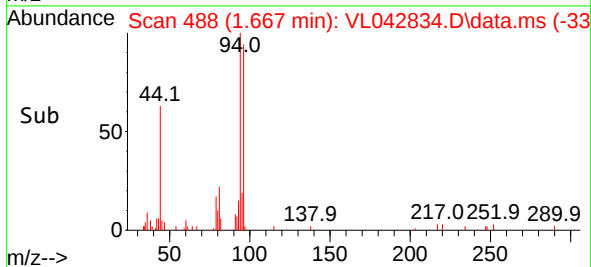
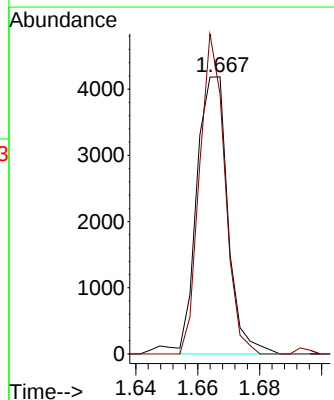
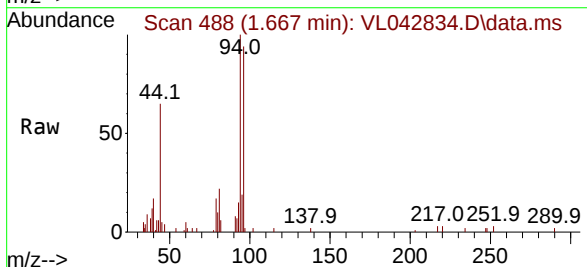
Instrument :
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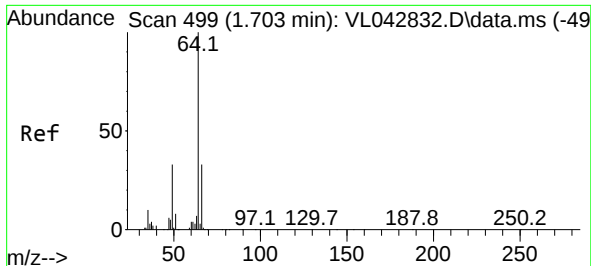
Tgt Ion: 62 Resp: 7300
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.9 37.3



#6
 Bromomethane
 Concen: 1.017 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion: 94 Resp: 2883
 Ion Ratio Lower Upper
 94 100
 96 93.8 76.2 114.4

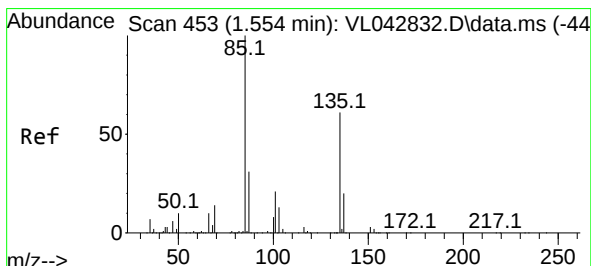
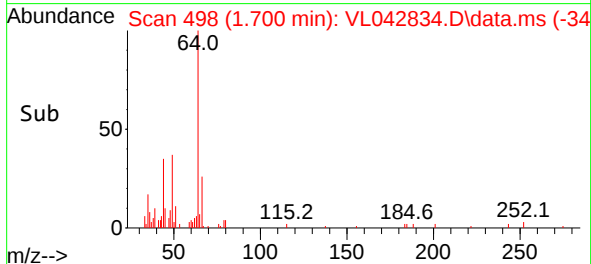
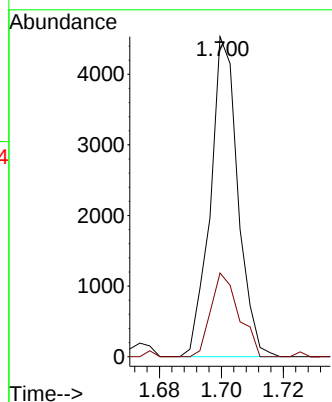
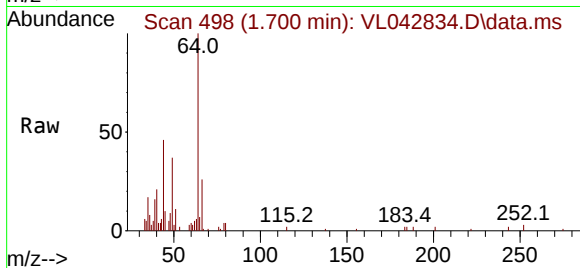




#7
Chloroethane
Concen: 0.985 ppbv
RT: 1.700 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

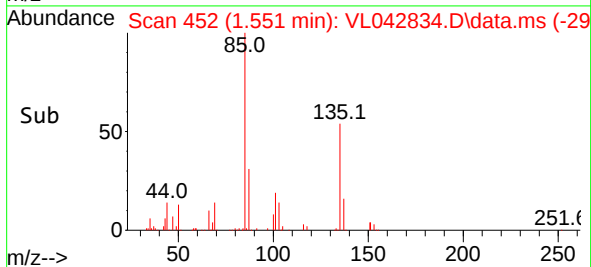
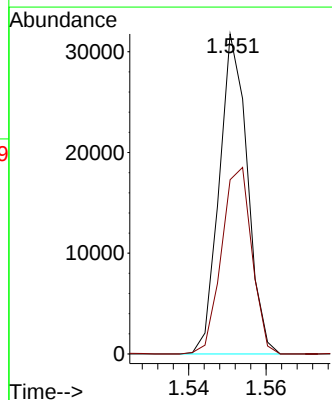
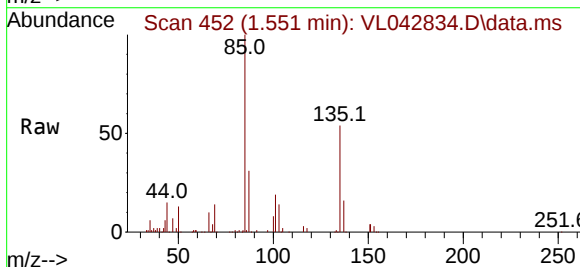
Instrument :
MSVOA_L
ClientSampleId :

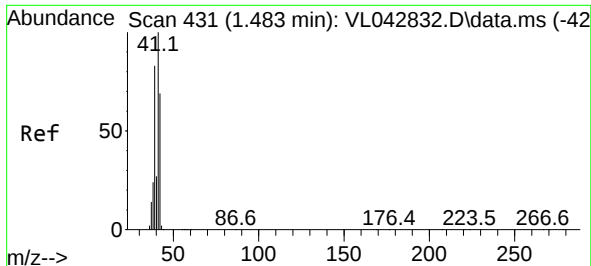
Tgt Ion: 64 Resp: 2803
Ion Ratio Lower Upper
64 100
66 26.2 26.6 40.0#



#8
Dichlorotetrafluoroethane
Concen: 1.023 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 85 Resp: 16029
Ion Ratio Lower Upper
85 100
135 63.3 51.8 77.8





#9

Propene

Concen: 1.029 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

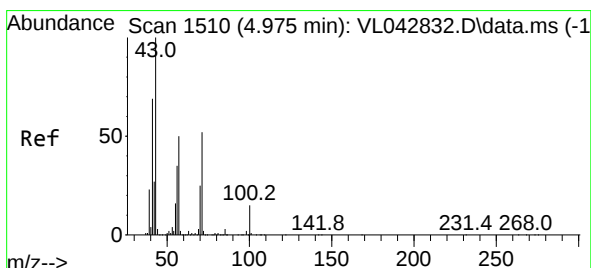
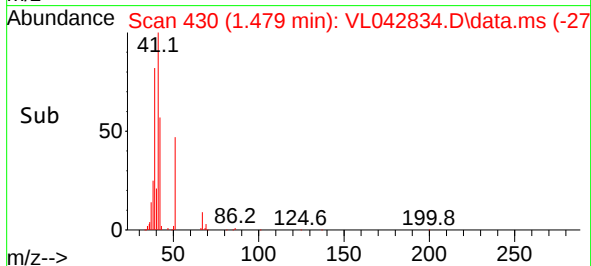
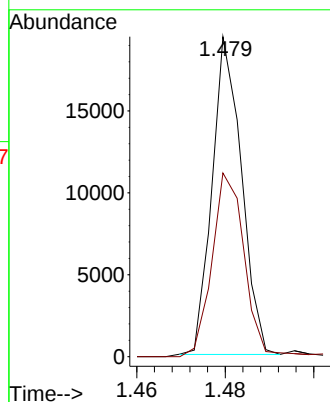
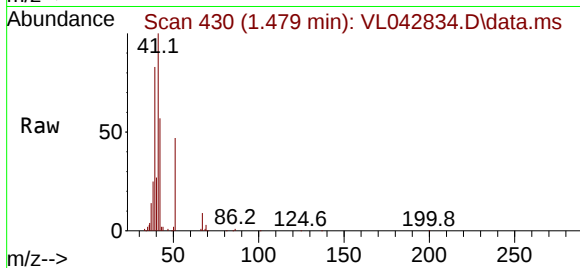
ClientSampleId :

Tgt Ion: 41 Resp: 8930

Ion Ratio Lower Upper

41 100

42 64.2 55.4 83.0



#10

Heptane

Concen: 0.850 ppbv

RT: 4.969 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VL042834.D

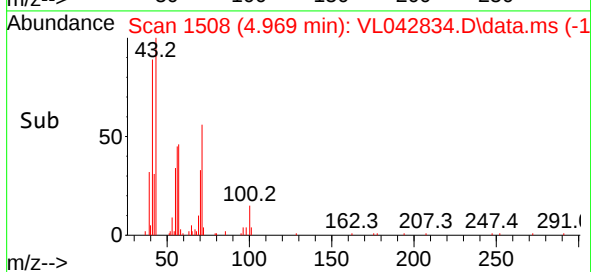
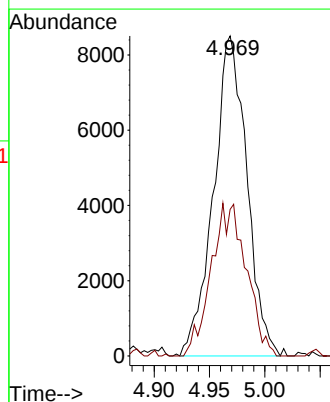
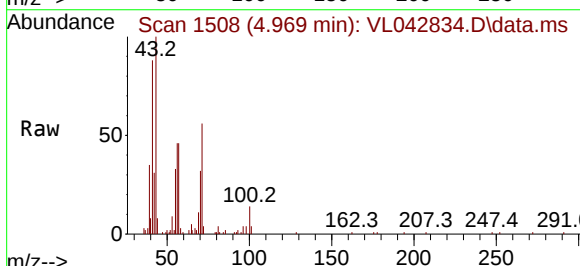
Acq: 11 Aug 2025 09:26

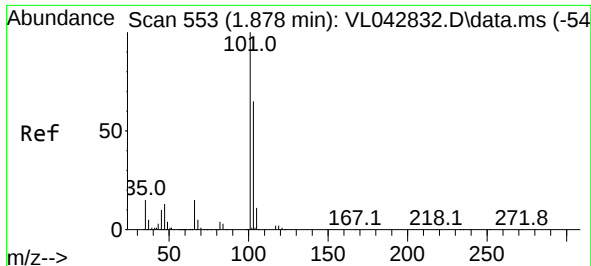
Tgt Ion: 43 Resp: 17827

Ion Ratio Lower Upper

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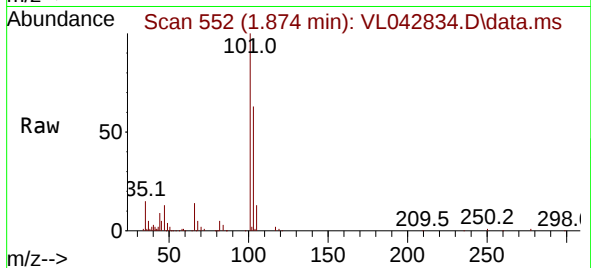
57 50.3 38.7 58.1



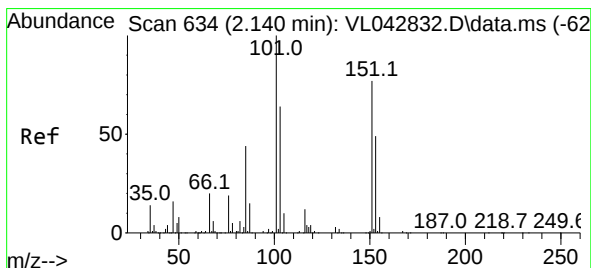
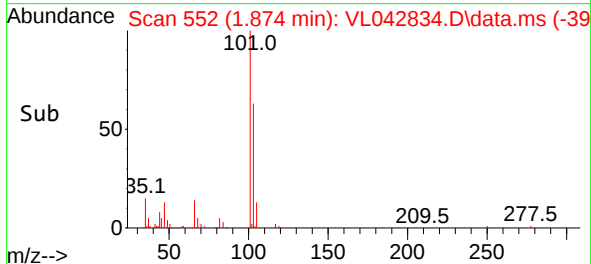
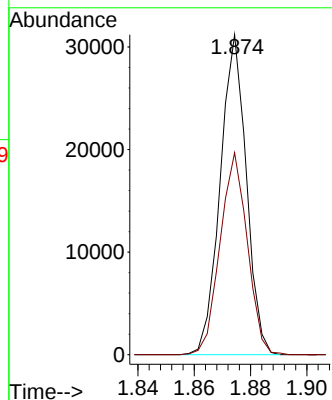


#11
 Trichlorofluoromethane
 Concen: 1.068 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Instrument :
 MSVOA_L
 ClientSampleId :

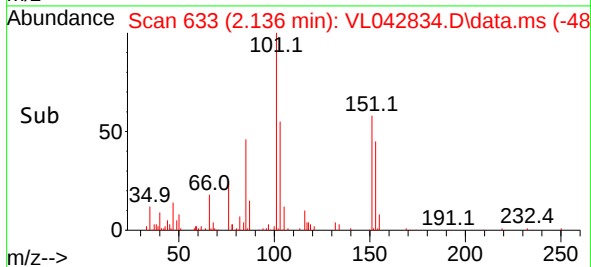
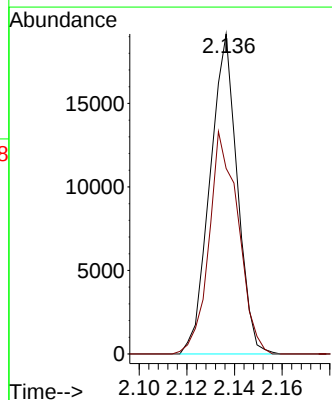
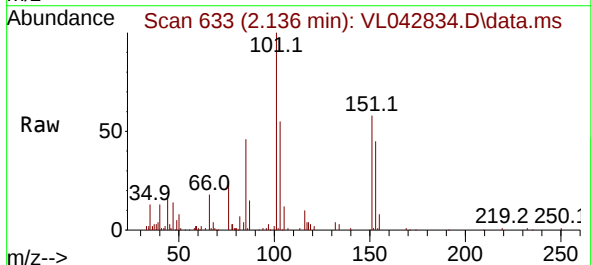


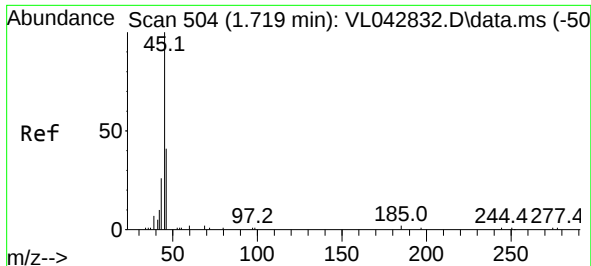
Tgt Ion:101 Resp: 20103
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.025 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion:101 Resp: 15261
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.3 88.9





#13

Ethanol

Concen: 0.796 ppbv

RT: 1.716 min Scan# 504

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

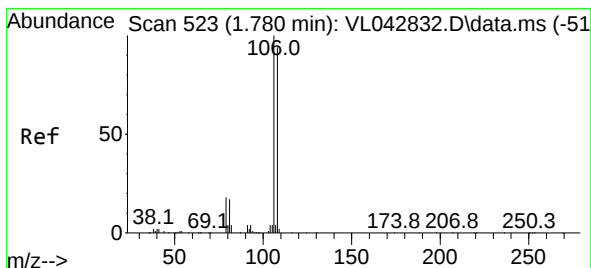
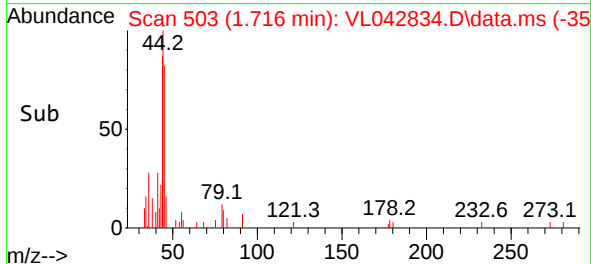
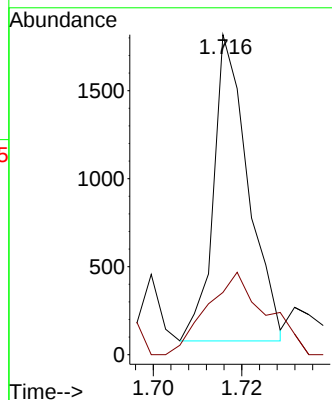
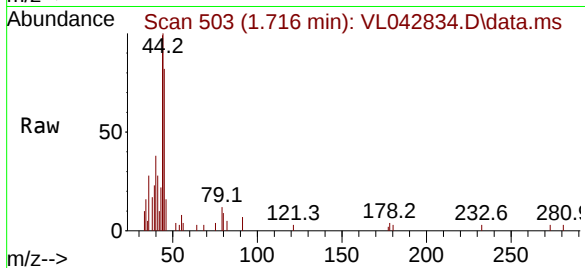
ClientSampleId :

Tgt Ion: 45 Resp: 951

Ion Ratio Lower Upper

45 100

46 59.0 18.1 72.5



#14

Bromoethene

Concen: 1.055 ppbv

RT: 1.777 min Scan# 522

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

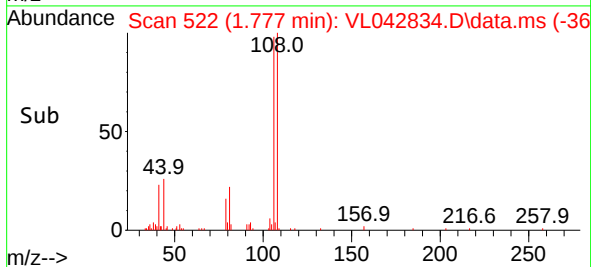
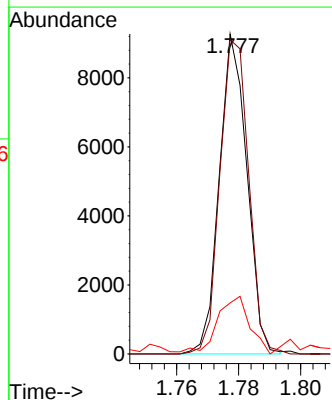
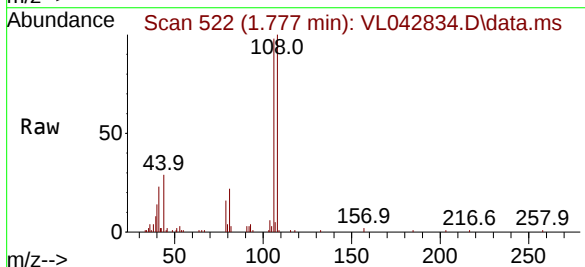
Tgt Ion: 108 Resp: 5740

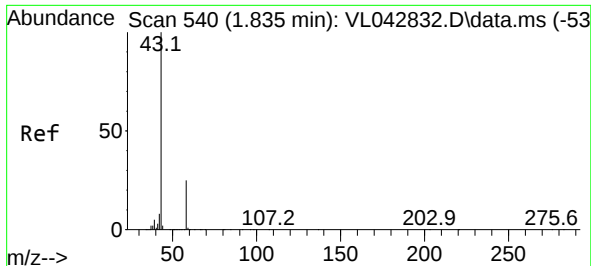
Ion Ratio Lower Upper

108 100

106 102.4 82.6 123.8

79 33.4 15.9 23.9#

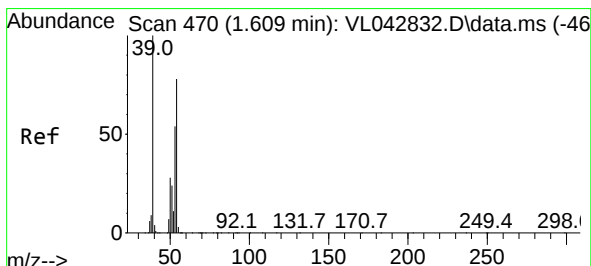
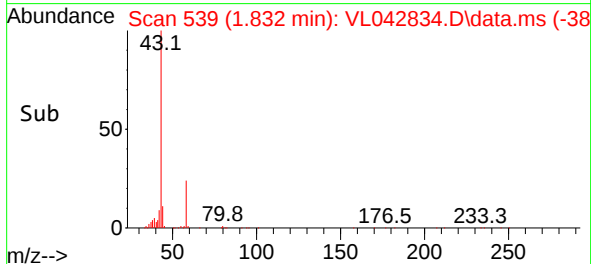
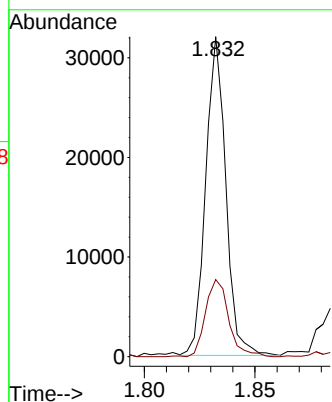
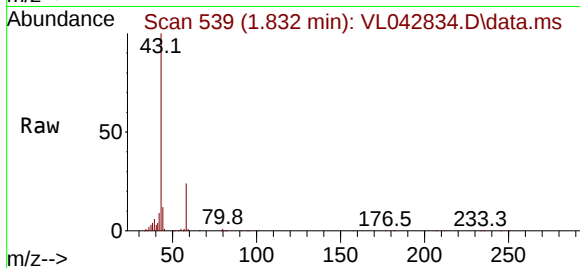




#15
Acetone
Concen: 1.064 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

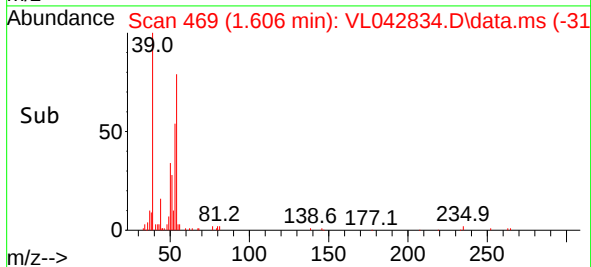
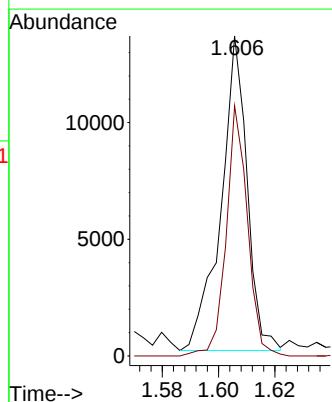
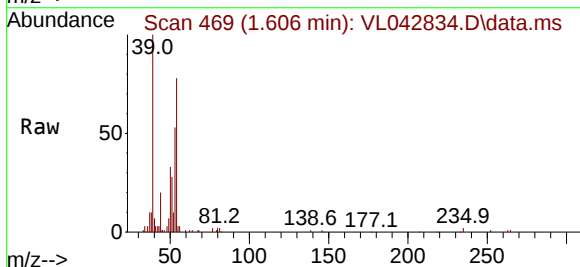
Instrument :
MSVOA_L
ClientSampleId :

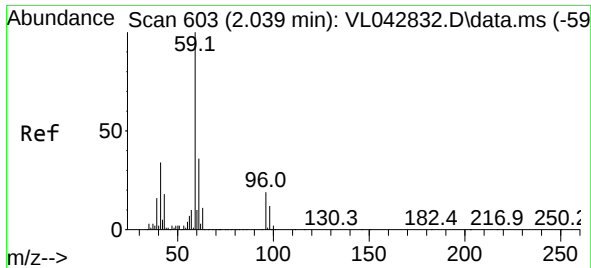
Tgt Ion: 43 Resp: 20151
Ion Ratio Lower Upper
43 100
58 28.1 19.5 29.3



#16
1,3-Butadiene
Concen: 1.049 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 39 Resp: 8712
Ion Ratio Lower Upper
39 100
54 65.6 54.1 81.1

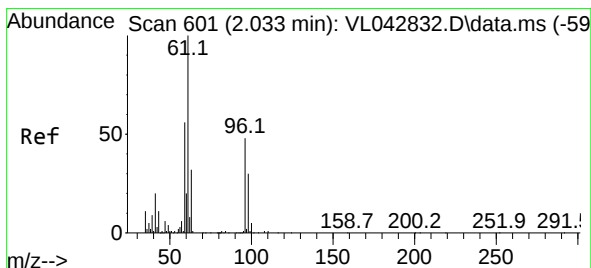
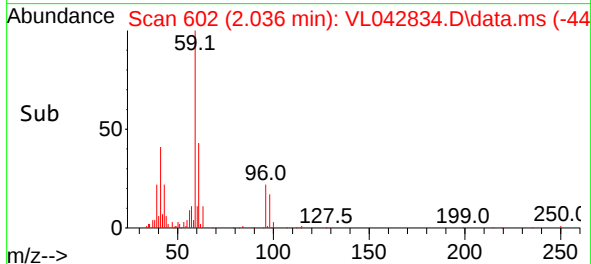
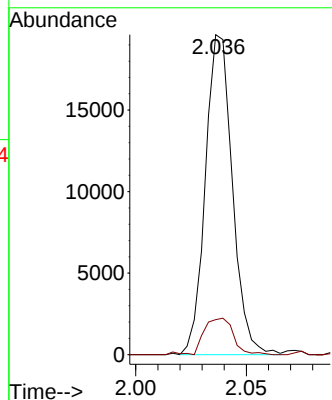
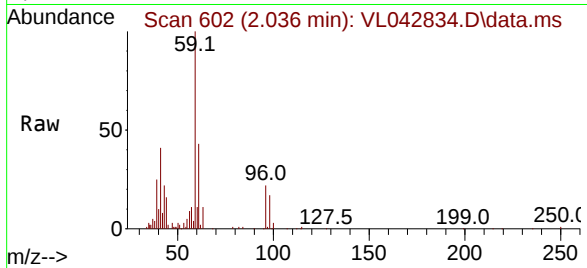




#17
tert-Butyl alcohol
Concen: 1.020 ppbv
RT: 2.036 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

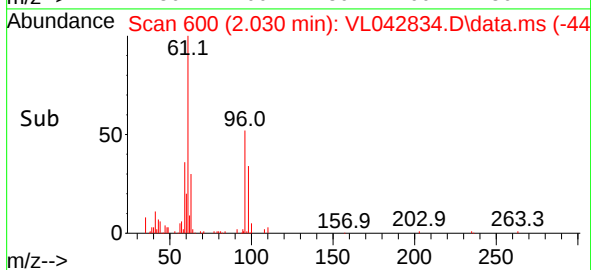
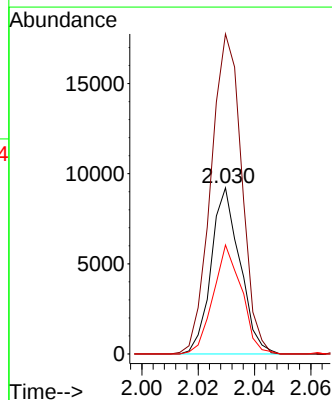
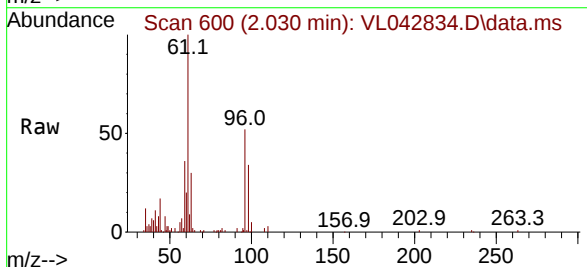
Instrument :
MSVOA_L
ClientSampleId :

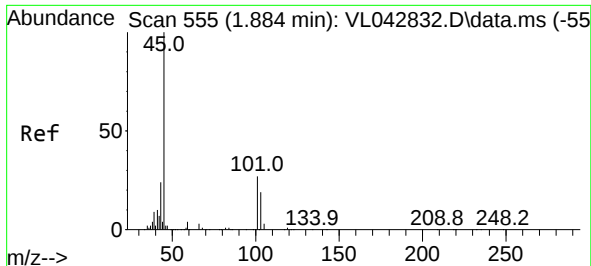
Tgt Ion: 59 Resp: 16691
Ion Ratio Lower Upper
59 100
57 12.5 8.7 13.1



#18
1,1-Dichloroethene
Concen: 1.031 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 96 Resp: 6558
Ion Ratio Lower Upper
96 100
61 192.6 167.9 251.9
98 65.6 49.6 74.4

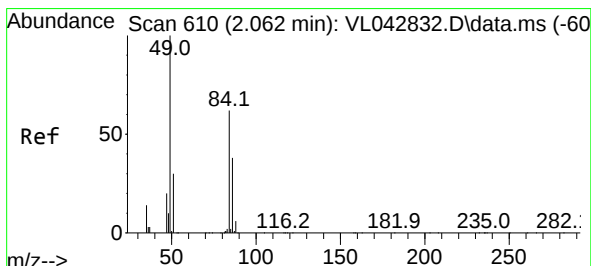
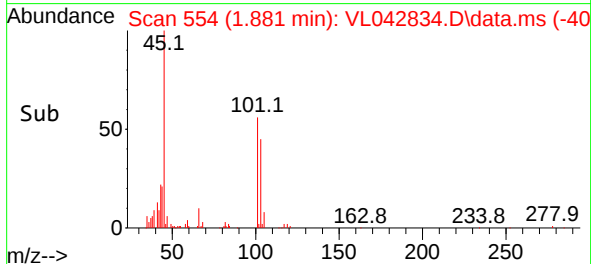
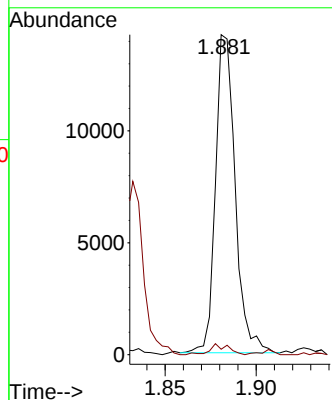
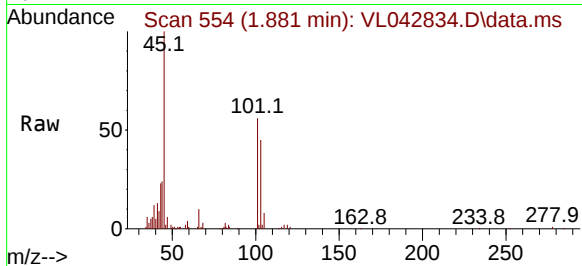




#19
Isopropyl Alcohol
Concen: 1.044 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

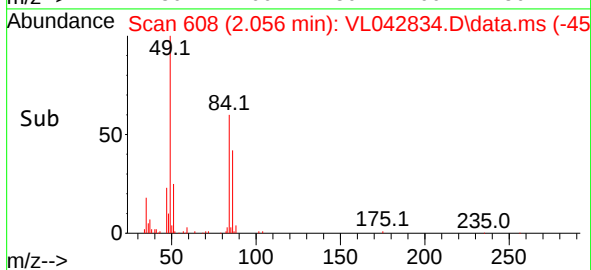
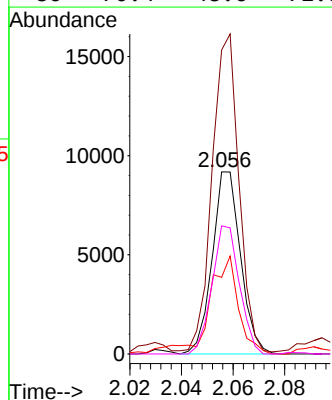
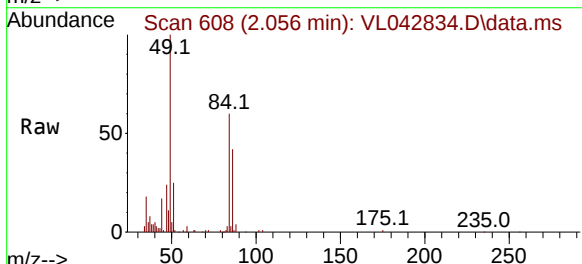
Instrument :
MSVOA_L
ClientSampleId :

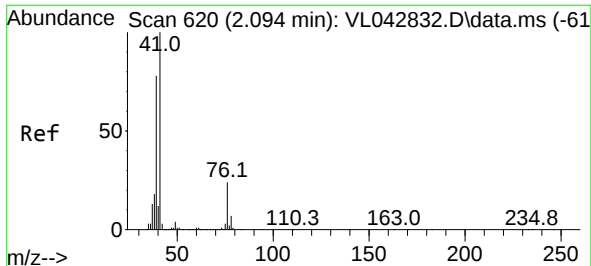
Tgt Ion: 45 Resp: 10713
Ion Ratio Lower Upper
45 100
58 4.6 1.6 2.4#



#20
Methylene Chloride
Concen: 0.984 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 84 Resp: 7006
Ion Ratio Lower Upper
84 100
49 165.4 129.3 193.9
51 42.1 41.1 61.7
86 70.4 48.6 72.8

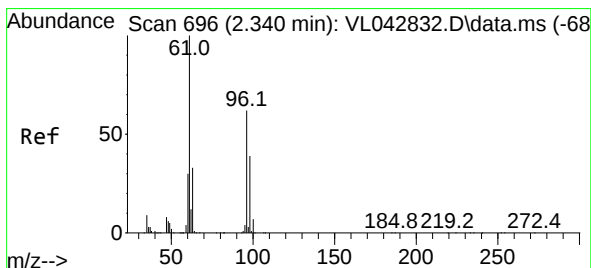
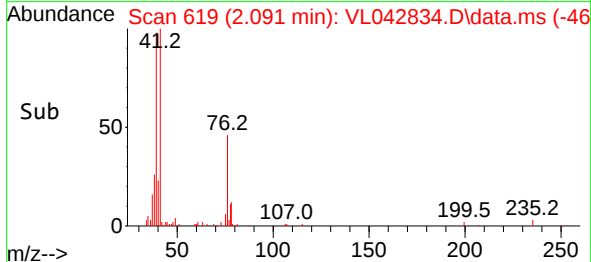
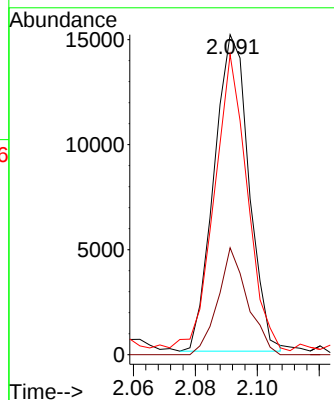
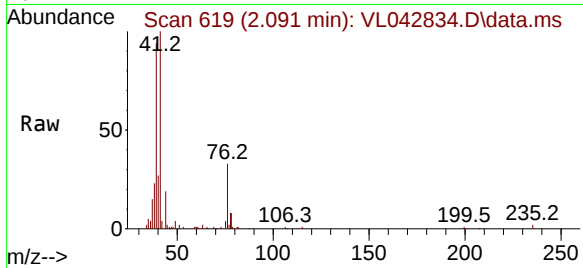




#21
 Allyl Chloride
 Concen: 0.984 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

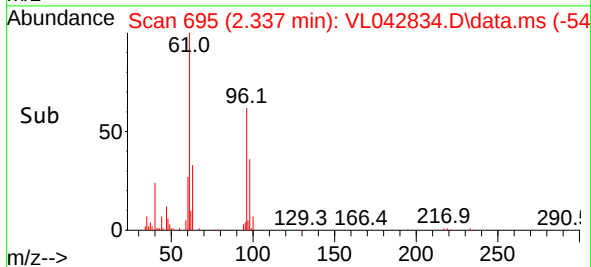
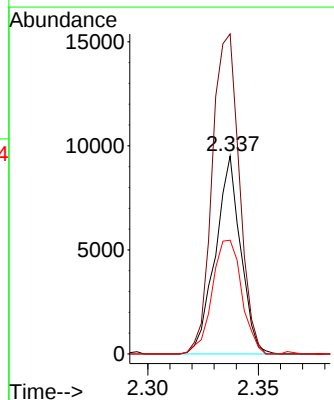
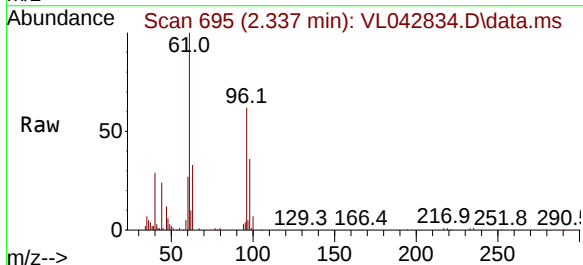
Instrument :
 MSVOA_L
 ClientSampleId :

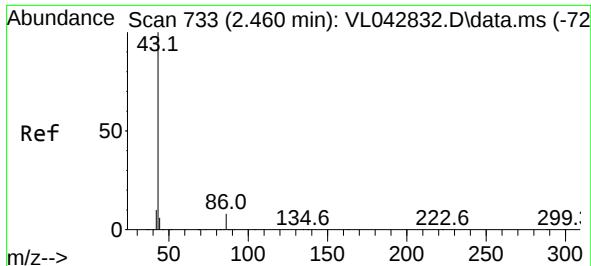
Tgt Ion: 41 Resp: 11810
 Ion Ratio Lower Upper
 41 100
 76 28.8 20.4 30.6
 39 86.7 66.2 99.2



#22
 trans-1,2-Dichloroethene
 Concen: 1.050 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion: 96 Resp: 7544
 Ion Ratio Lower Upper
 96 100
 61 161.7 128.1 192.1
 98 57.5 50.2 75.4

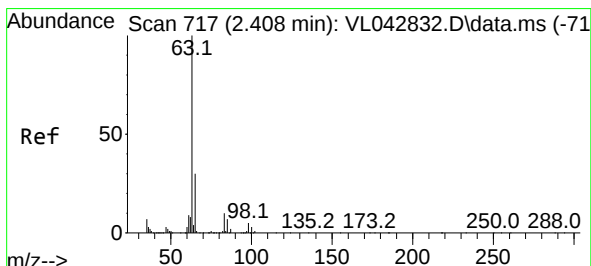
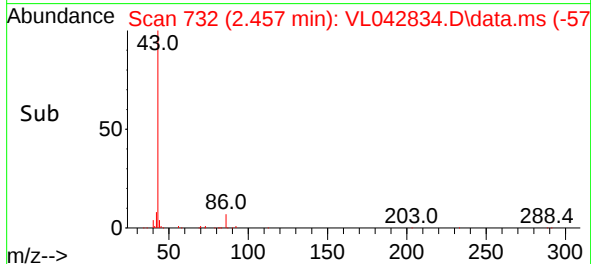
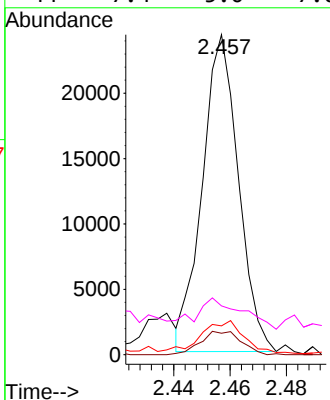
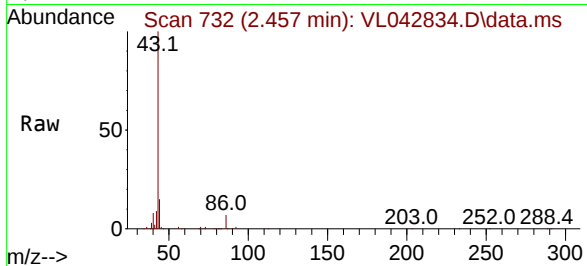




#23
 Vinyl Acetate
 Concen: 0.888 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

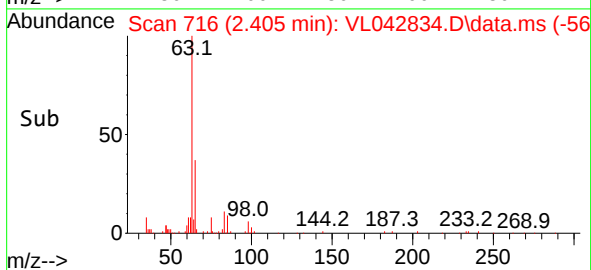
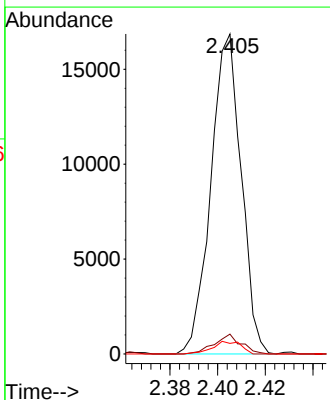
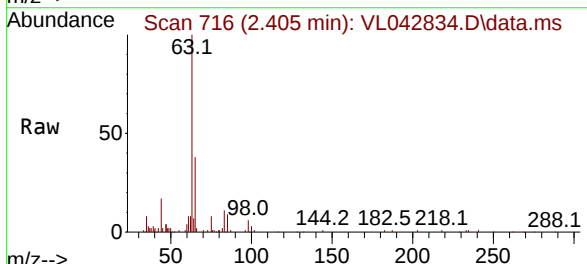
Instrument :
 MSVOA_L
 ClientSampleId :

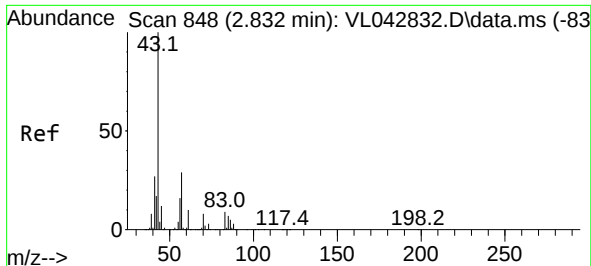
Tgt Ion:	43	Resp:	21576
Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.0	9.0
42	8.4	8.5	12.7#
44	7.4	5.0	7.6



#24
 1,1-Dichloroethane
 Concen: 1.003 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion:	63	Resp:	14899
Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.4	7.1
100	3.3	1.6	4.7

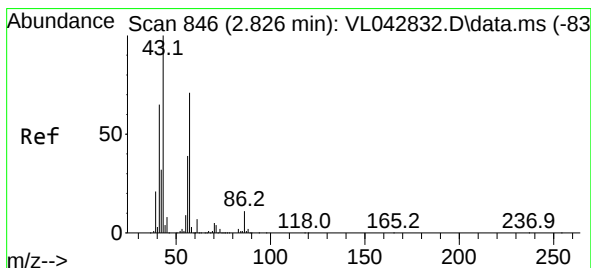
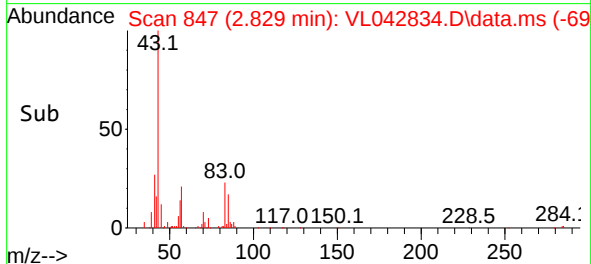
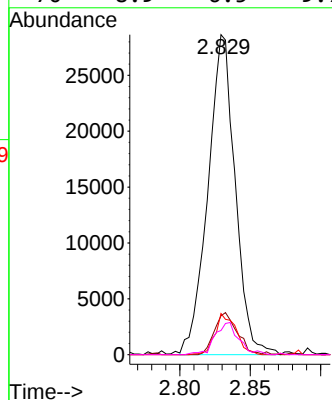
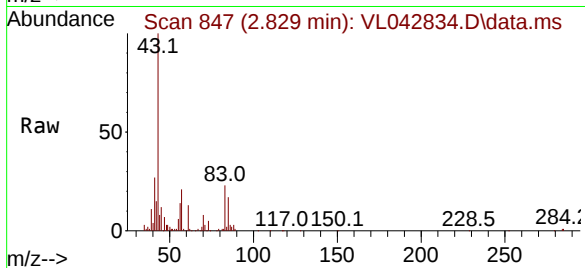




#25
Ethyl Acetate
Concen: 0.904 ppbv
RT: 2.829 min Scan# 844
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

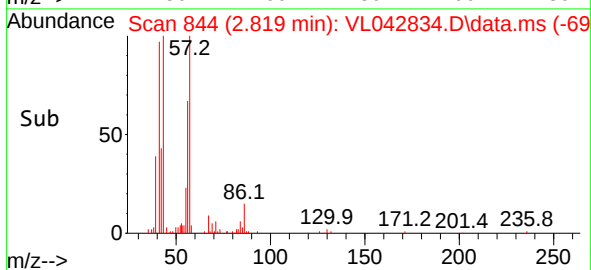
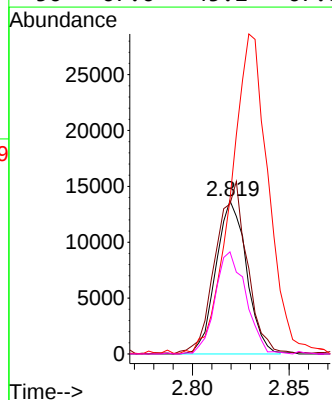
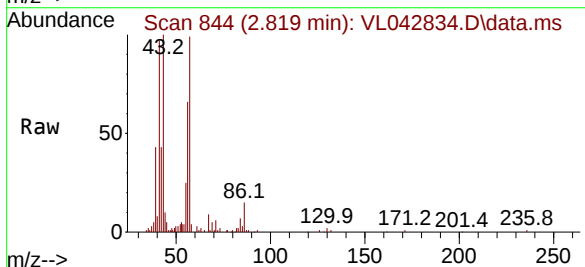
Instrument :
MSVOA_L
ClientSampleId :

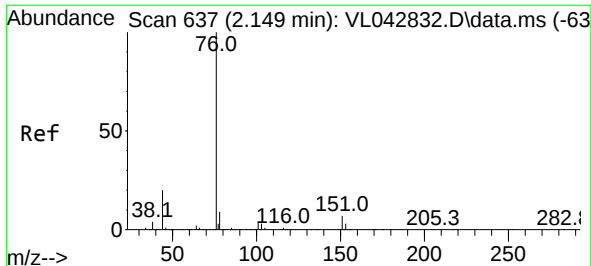
Tgt Ion: 43	Resp: 38557
Ion Ratio	Lower Upper
43 100	
45 11.2	7.8 11.8
61 10.2	7.0 10.6
70 8.9	6.5 9.7



#26
Hexane
Concen: 0.803 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 57	Resp: 15093
Ion Ratio	Lower Upper
57 100	
41 116.2	76.8 115.2#
43 254.7	185.4 278.2
56 67.6	45.2 67.8





#27

Carbon Disulfide

Concen: 0.984 ppbv

RT: 2.146 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

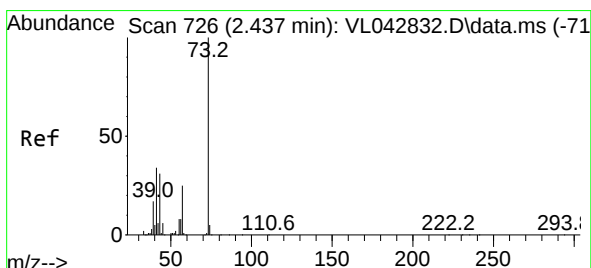
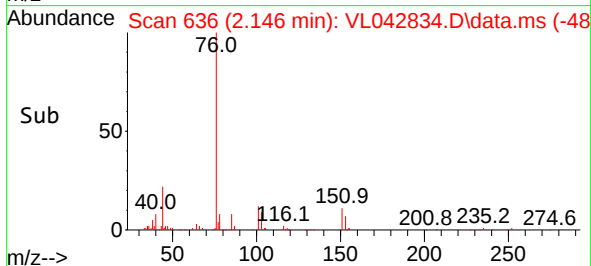
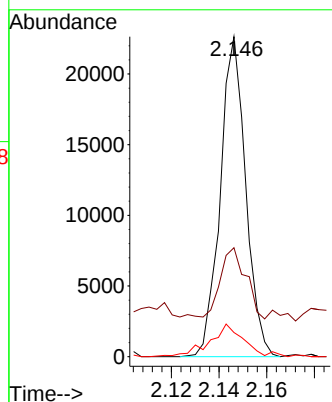
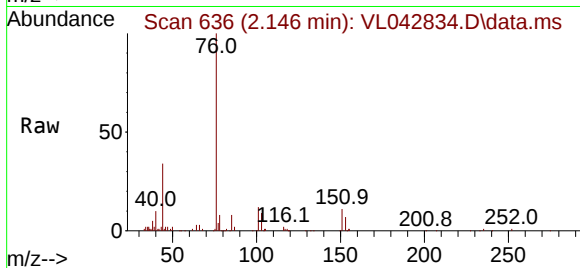
Tgt Ion: 76 Resp: 16782

Ion Ratio Lower Upper

76 100

44 60.2 19.4 29.0#

78 13.7 9.3 13.9



#28

Methyl tert-Butyl Ether

Concen: 0.983 ppbv

RT: 2.434 min Scan# 725

Delta R.T. -0.003 min

Lab File: VL042834.D

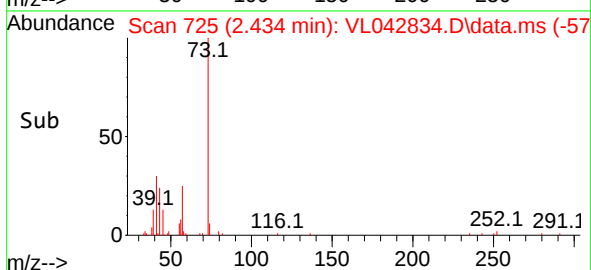
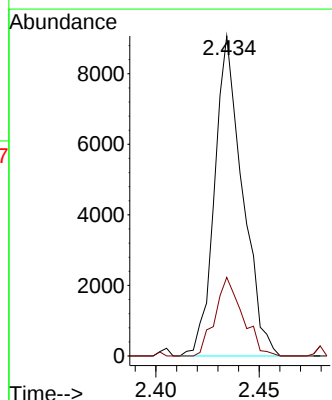
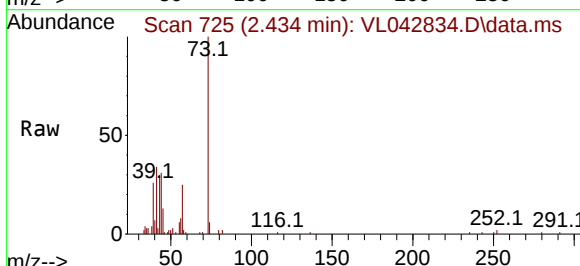
Acq: 11 Aug 2025 09:26

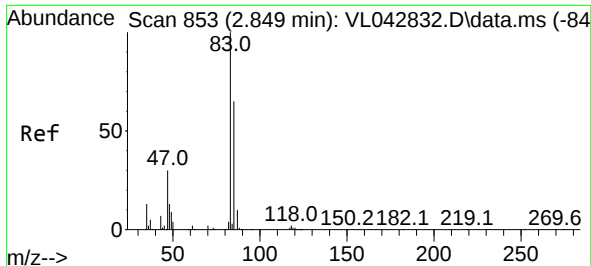
Tgt Ion: 73 Resp: 8550

Ion Ratio Lower Upper

73 100

57 25.0 18.9 28.3





#29

Chloroform

Concen: 0.996 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

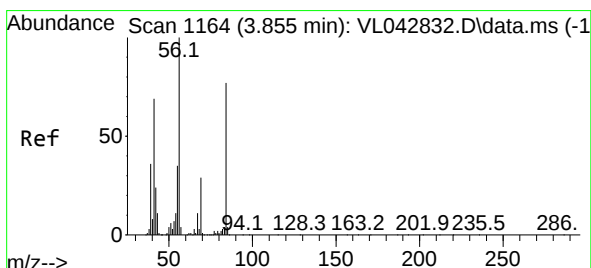
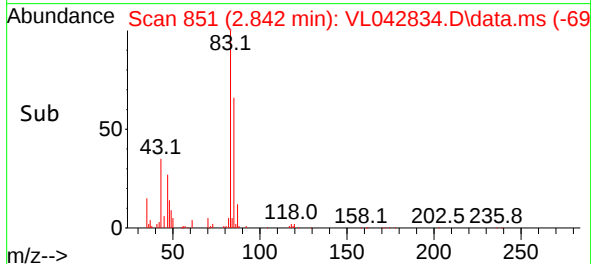
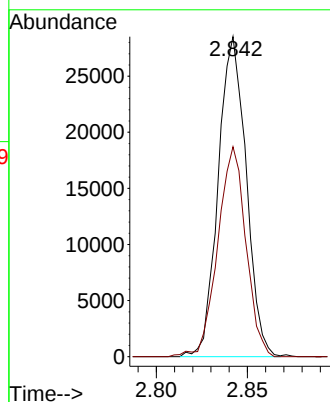
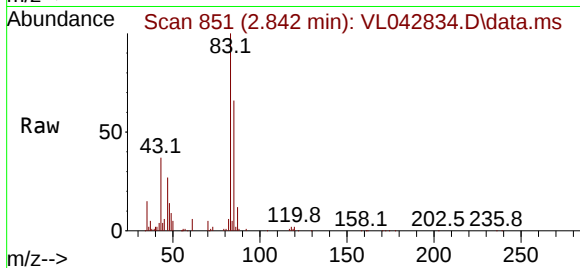
ClientSampleId :

Tgt Ion: 83 Resp: 30449

Ion Ratio Lower Upper

83 100

85 65.6 51.9 77.9



#30

Cyclohexane

Concen: 0.485 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.010 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

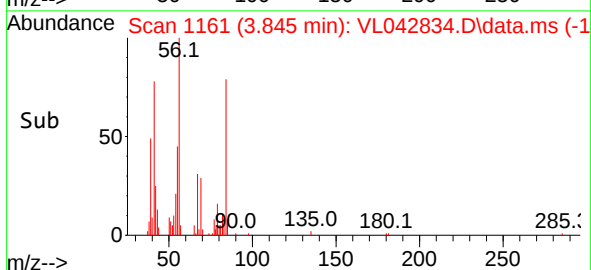
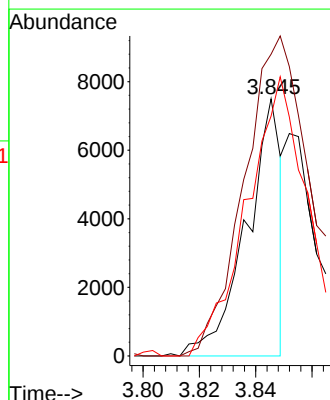
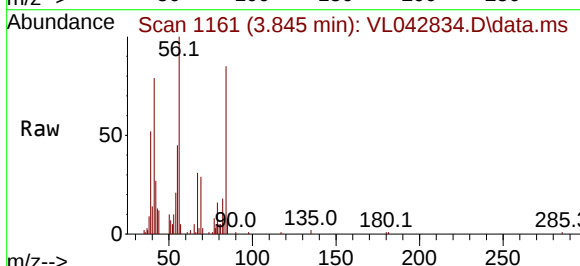
Tgt Ion: 84 Resp: 6384

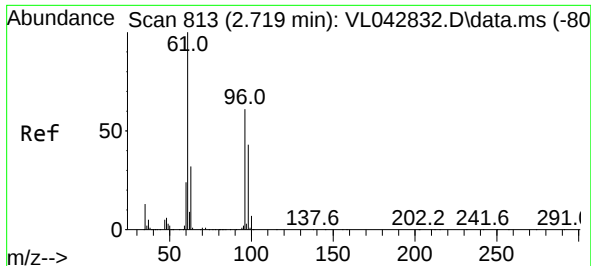
Ion Ratio Lower Upper

84 100

56 238.7 102.9 154.3#

41 194.6 72.2 108.4#

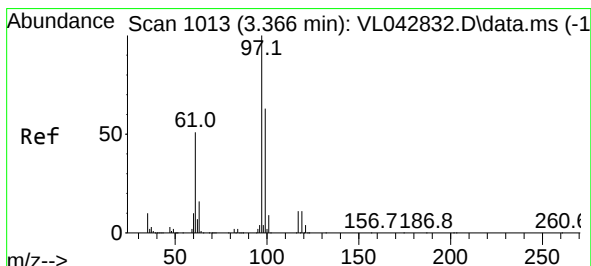
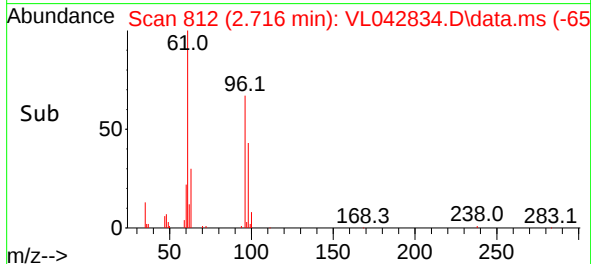
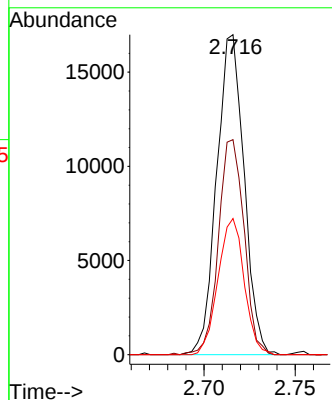
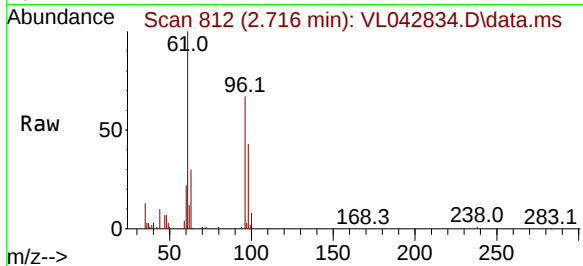




#31
 cis-1,2-Dichloroethene
 Concen: 0.996 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

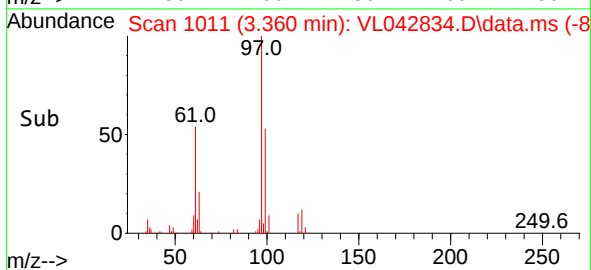
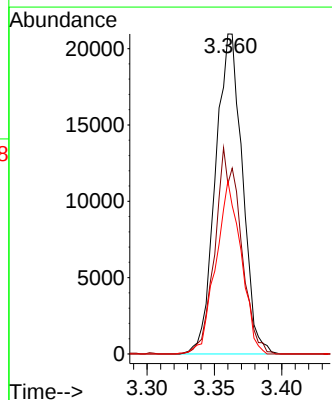
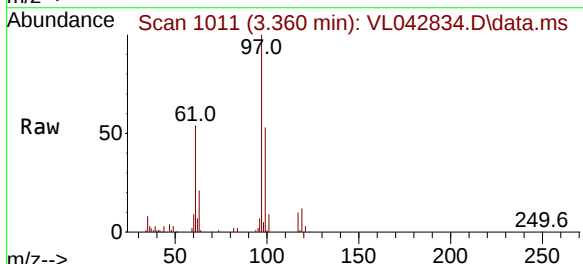
Instrument :
 MSVOA_L
 ClientSampleId :

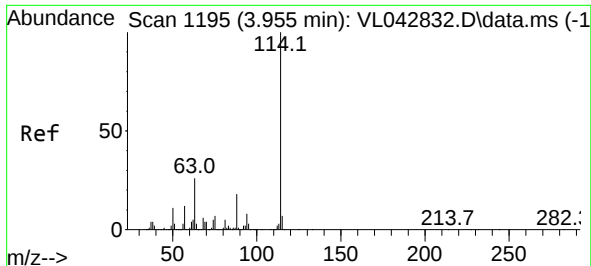
Tgt Ion: 61 Resp: 17751
 Ion Ratio Lower Upper
 61 100
 96 67.2 49.1 73.7
 98 42.6 34.2 51.4



#32
 1,1,1-Trichloroethane
 Concen: 1.007 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.006 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion: 97 Resp: 29094
 Ion Ratio Lower Upper
 97 100
 99 61.7 50.7 76.1
 61 51.2 42.0 63.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

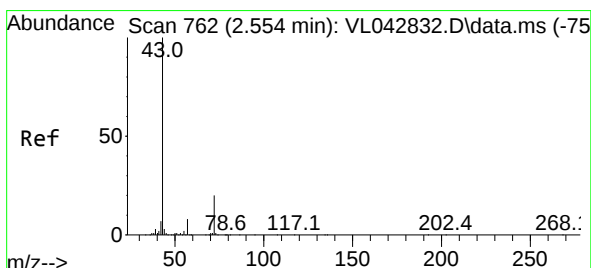
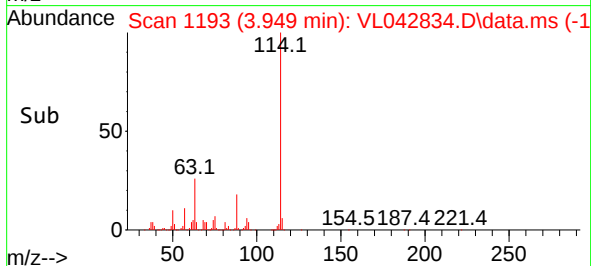
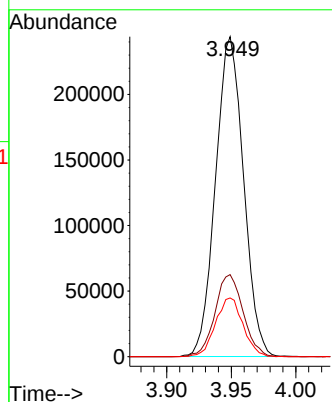
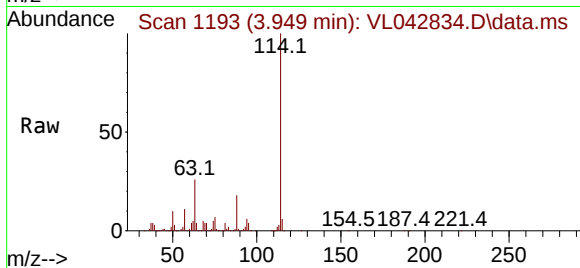
Tgt Ion:114 Resp: 368019

Ion Ratio Lower Upper

114 100

63 25.8 21.0 31.6

88 18.0 13.8 20.8



#34

2-Butanone

Concen: 0.967 ppbv

RT: 2.551 min Scan# 761

Delta R.T. -0.003 min

Lab File: VL042834.D

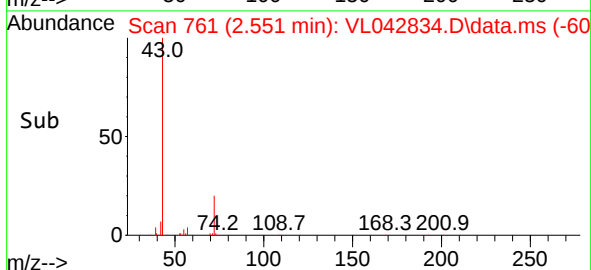
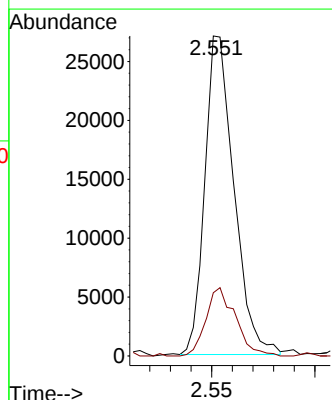
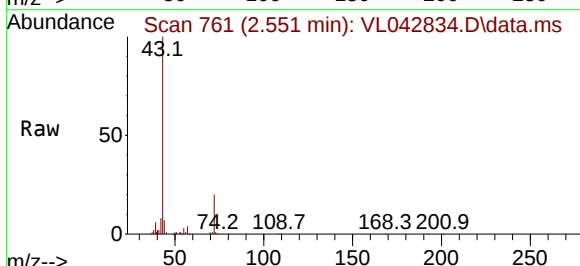
Acq: 11 Aug 2025 09:26

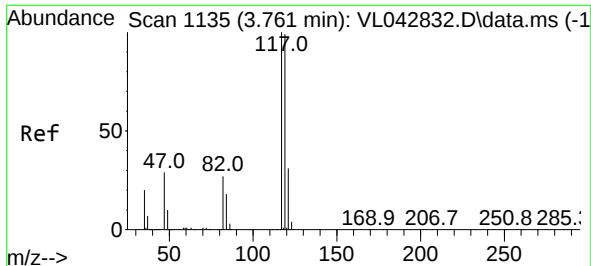
Tgt Ion: 43 Resp: 26513

Ion Ratio Lower Upper

43 100

72 22.3 17.2 25.8

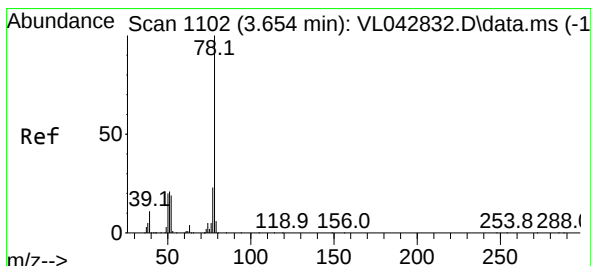
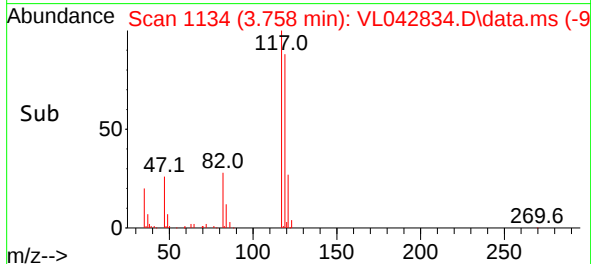
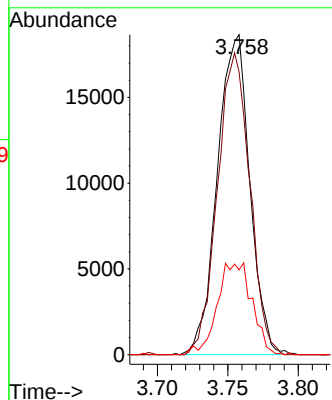
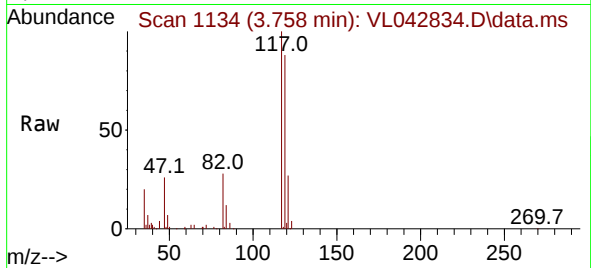




#35
Carbon Tetrachloride
Concen: 0.939 ppbv
RT: 3.758 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

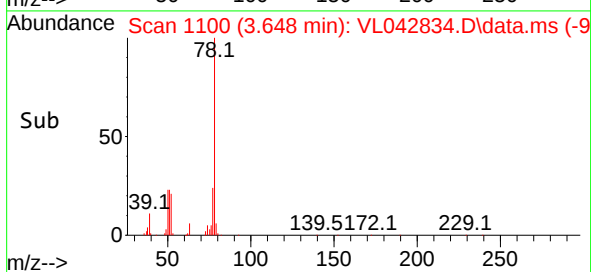
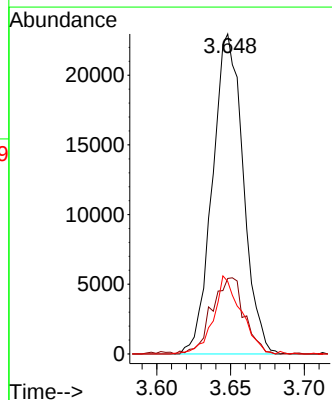
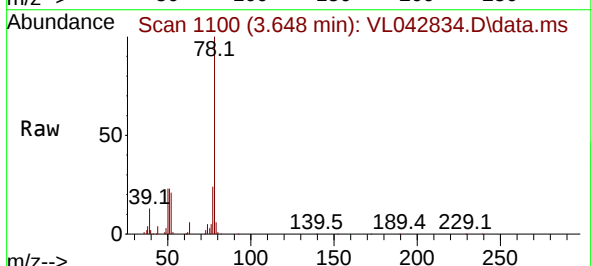
Instrument :
MSVOA_L
ClientSampleId :

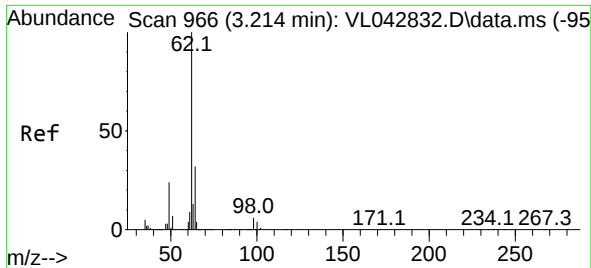
Tgt Ion:117 Resp: 29903
Ion Ratio Lower Upper
117 100
119 88.3 79.3 118.9
121 26.5 25.0 37.4



#36
Benzene
Concen: 0.944 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 78 Resp: 33304
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7
50 22.4 15.8 23.8

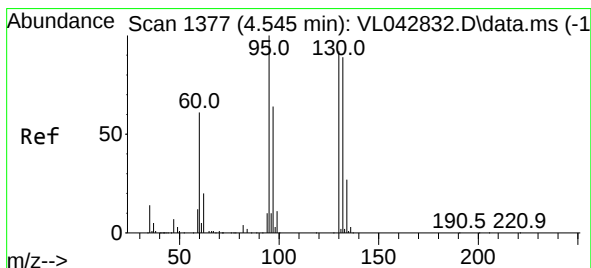
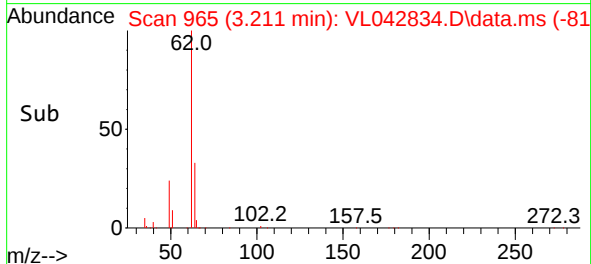
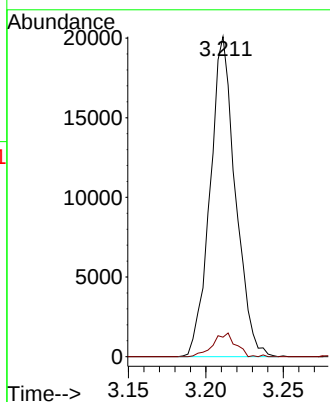
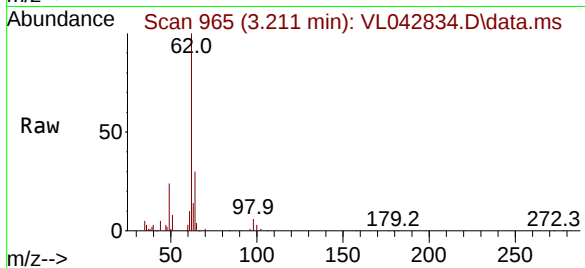




#37
1,2-Dichloroethane
Concen: 0.997 ppbv
RT: 3.211 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

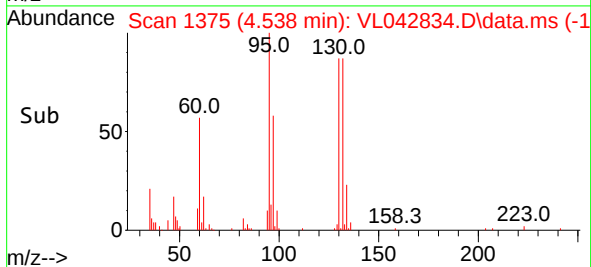
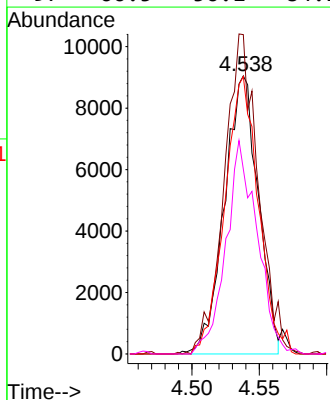
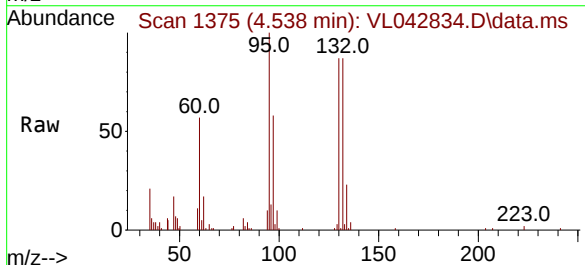
Instrument :
MSVOA_L
ClientSampleId :

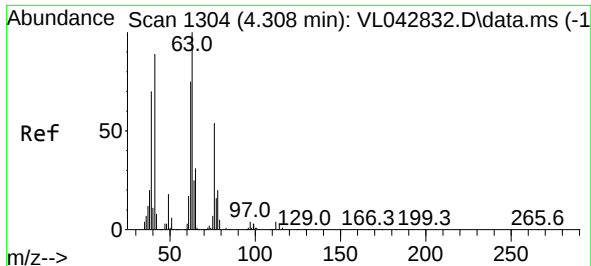
Tgt Ion: 62 Resp: 22863
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7



#38
Trichloroethene
Concen: 0.893 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion:130 Resp: 15851
Ion Ratio Lower Upper
130 100
95 114.2 87.4 131.2
132 99.8 77.8 116.6
97 66.5 56.1 84.1





#39

1,2-Dichloropropane

Concen: 0.995 ppbv

RT: 4.305 min Scan# 1304

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

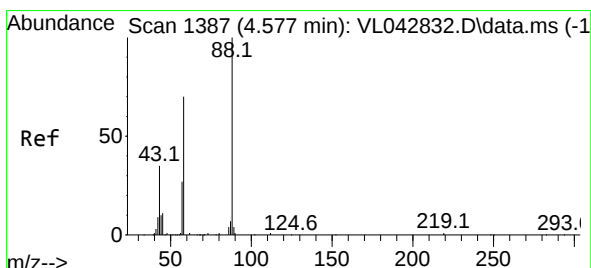
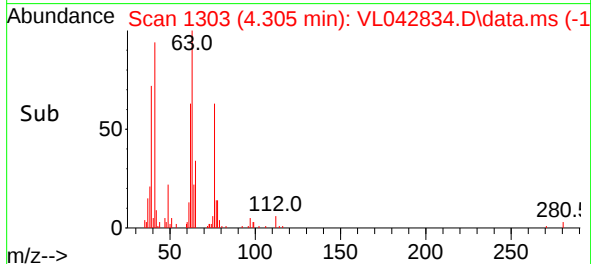
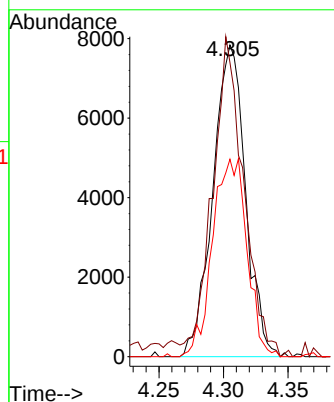
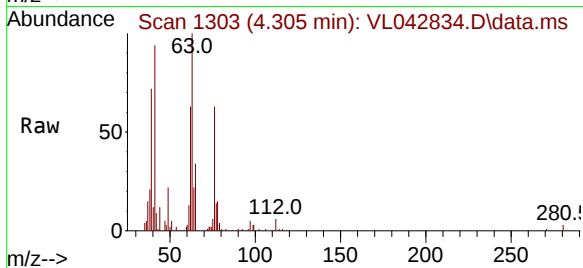
Tgt Ion: 63 Resp: 13784

Ion Ratio Lower Upper

63 100

41 94.4 71.8 107.8

62 63.4 60.0 90.0



#40

1,4-Dioxane

Concen: 0.346 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Tgt Ion: 88 Resp: 1835

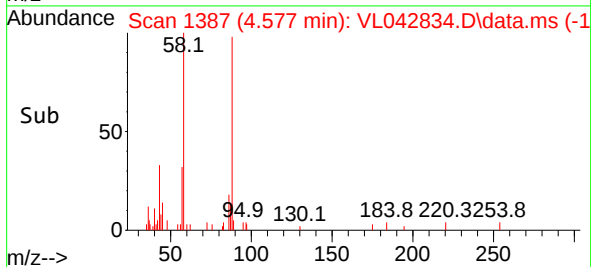
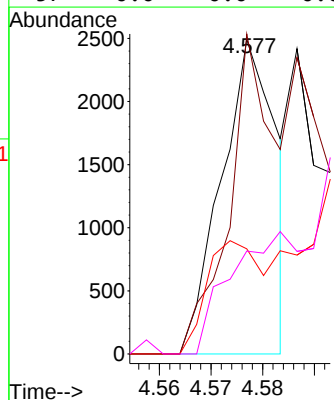
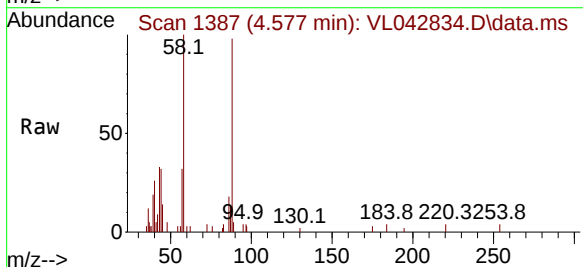
Ion Ratio Lower Upper

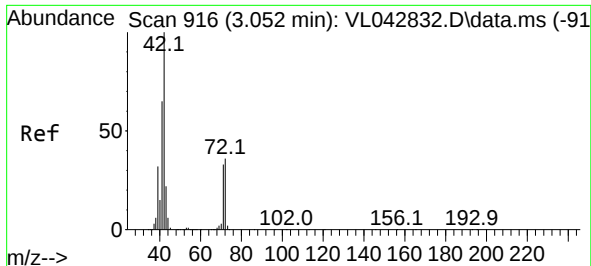
88 100

58 364.0 61.4 92.2#

43 0.0 28.6 43.0#

57 0.0 0.0 0.0

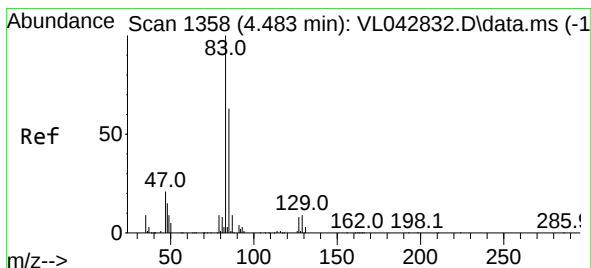
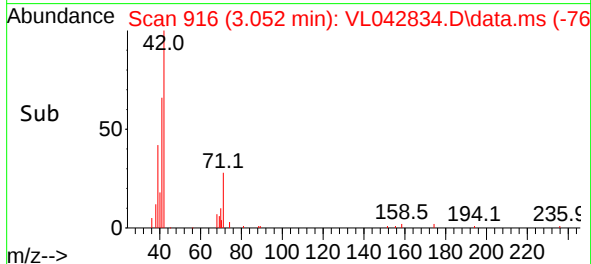
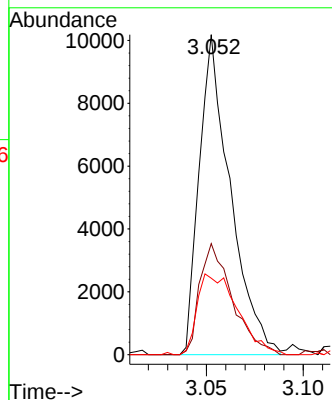
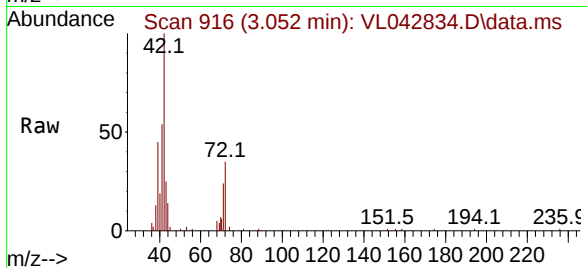




#41
Tetrahydrofuran
Concen: 0.870 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

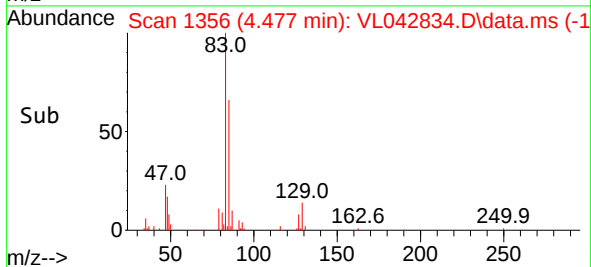
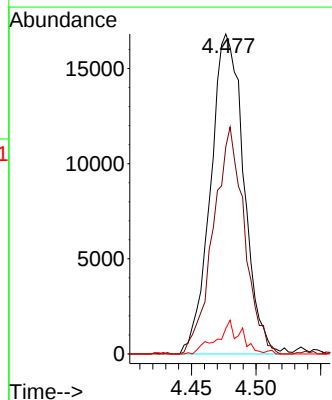
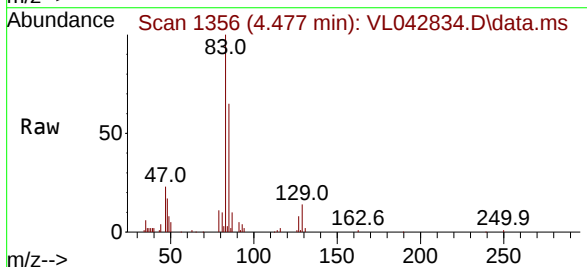
Instrument :
MSVOA_L
ClientSampleId :

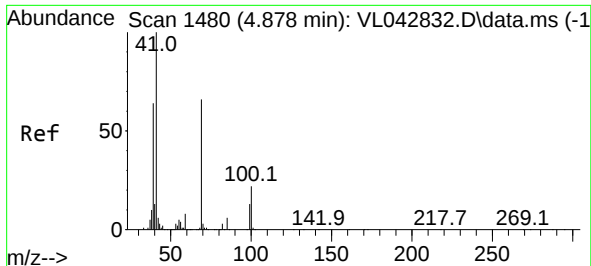
Tgt Ion: 42 Resp: 11416
Ion Ratio Lower Upper
42 100
72 37.2 29.4 44.2
71 32.7 27.4 41.0



#42
Bromodichloromethane
Concen: 0.972 ppbv
RT: 4.477 min Scan# 1356
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 83 Resp: 29990
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 7.9 6.2 9.4

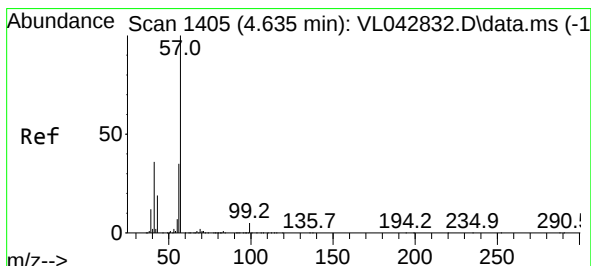
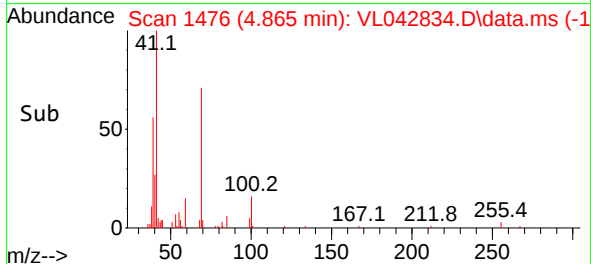
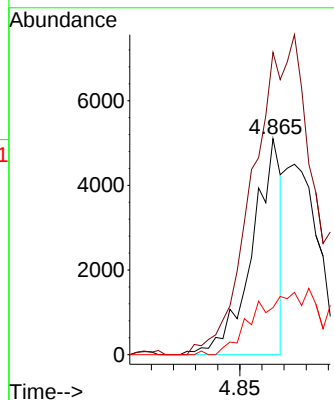
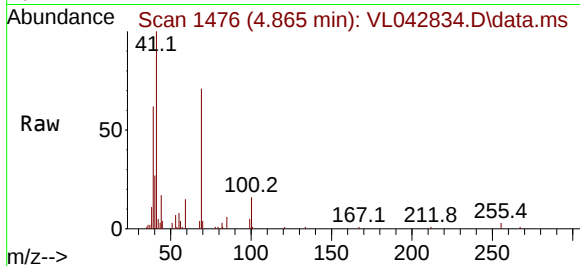




#43
Methyl Methacrylate
Concen: 0.403 ppbv
RT: 4.865 min Scan# 1476
Delta R.T. -0.013 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

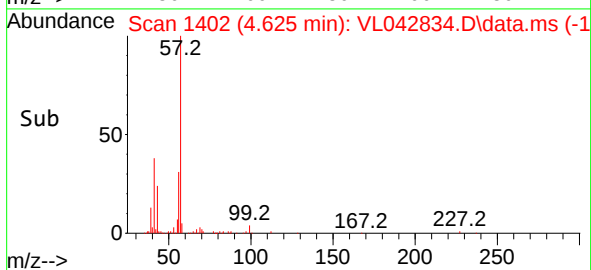
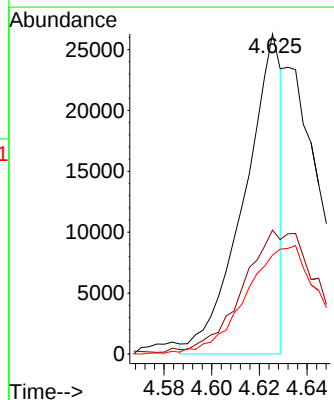
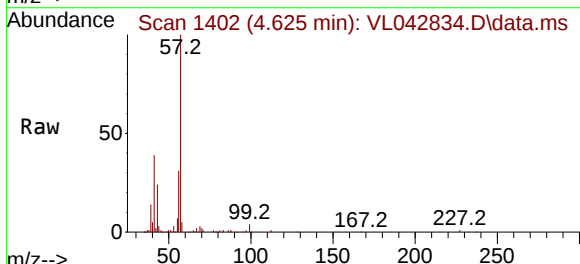
Instrument :
MSVOA_L
ClientSampleId :

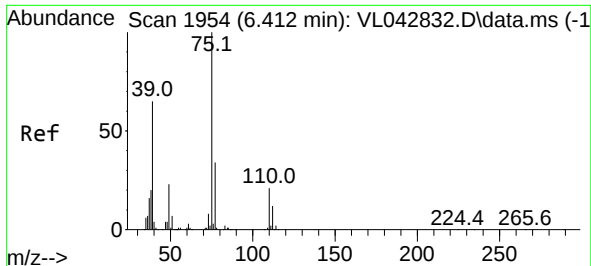
Tgt Ion: 69 Resp: 4640
Ion Ratio Lower Upper
69 100
41 0.0 125.6 188.4#
100 0.0 27.4 41.2#



#44
2,2,4-Trimethylpentane
Concen: 0.480 ppbv
RT: 4.625 min Scan# 1402
Delta R.T. -0.010 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 57 Resp: 28423
Ion Ratio Lower Upper
57 100
41 80.6 28.7 43.1#
56 0.0 26.6 39.8#





#45

t-1,3-Dichloropropene

Concen: 0.656 ppbv

RT: 6.402 min Scan# 1951

Delta R.T. -0.010 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

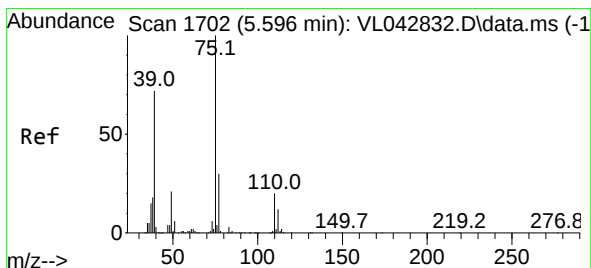
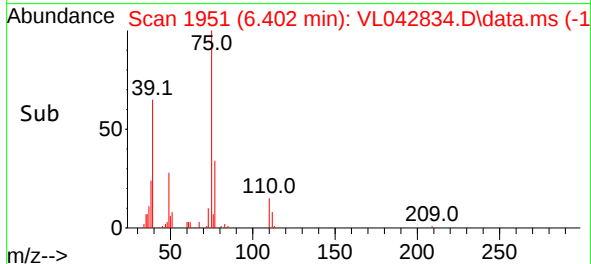
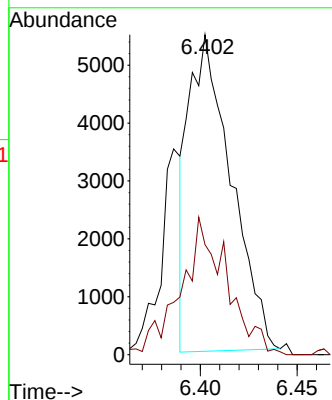
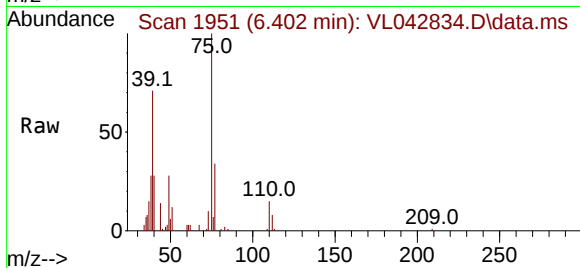
ClientSampleId :

Tgt Ion: 75 Resp: 8357

Ion Ratio Lower Upper

75 100

77 34.4 26.9 40.3



#46

cis-1,3-Dichloropropene

Concen: 0.382 ppbv

RT: 5.580 min Scan# 1697

Delta R.T. -0.016 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

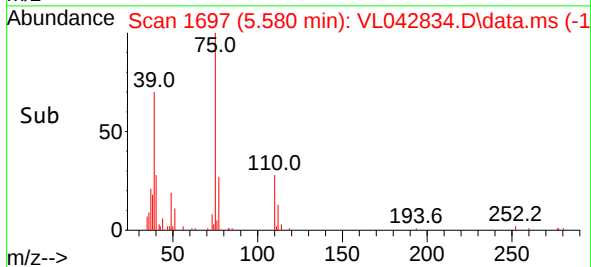
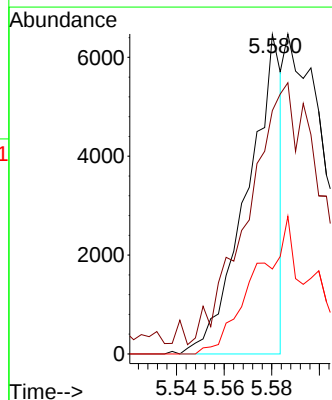
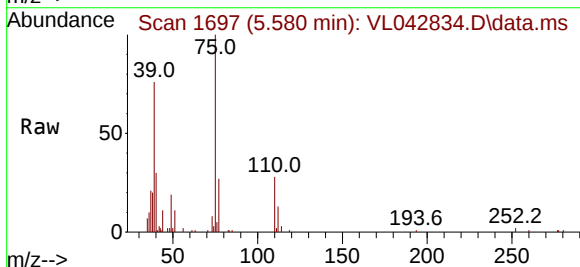
Tgt Ion: 75 Resp: 6509

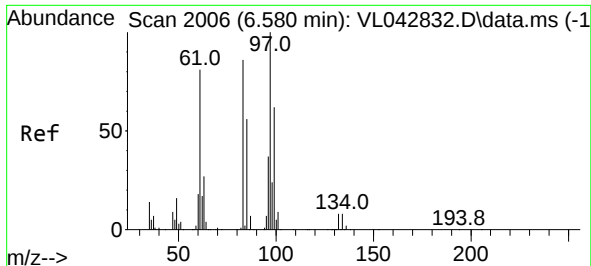
Ion Ratio Lower Upper

75 100

39 65.6 57.6 86.4

77 26.6 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 1.027 ppbv

RT: 6.571 min Scan# 2006

Delta R.T. -0.010 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 15420

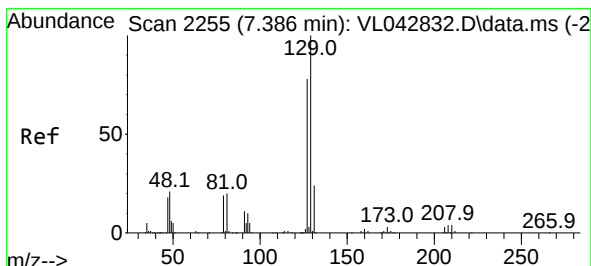
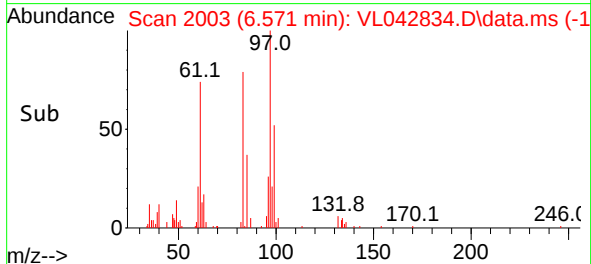
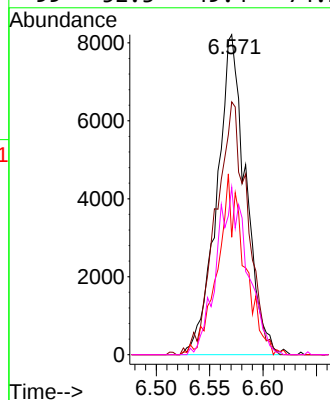
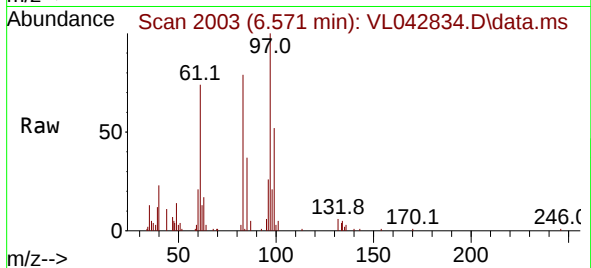
Ion Ratio Lower Upper

97 100

83 79.0 68.5 102.7

85 36.7 44.4 66.6#

99 52.3 49.4 74.2



#48

Dibromochloromethane

Concen: 0.966 ppbv

RT: 7.377 min Scan# 2252

Delta R.T. -0.010 min

Lab File: VL042834.D

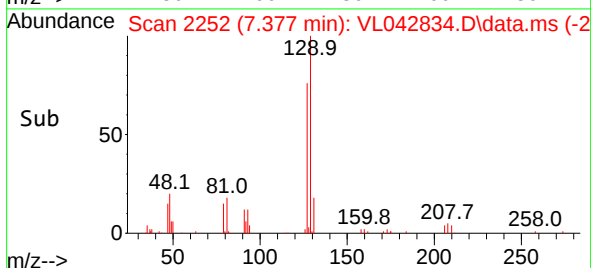
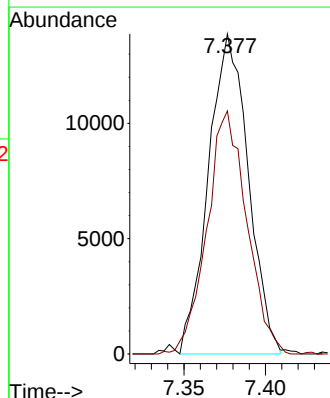
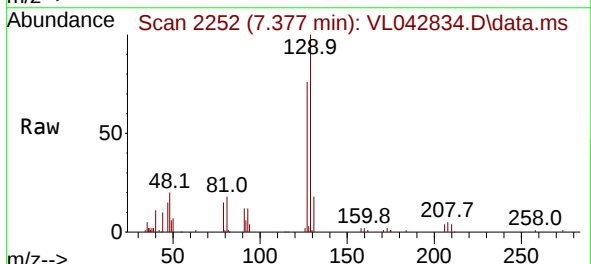
Acq: 11 Aug 2025 09:26

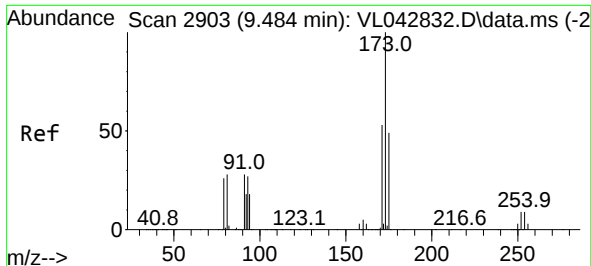
Tgt Ion: 129 Resp: 23579

Ion Ratio Lower Upper

129 100

127 76.0 39.8 119.3

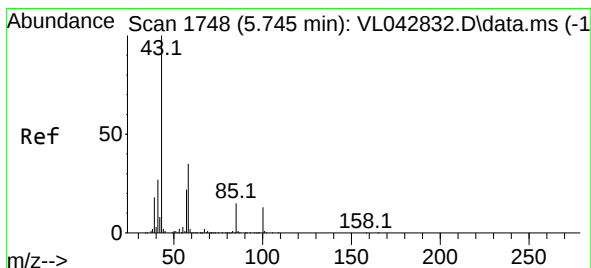
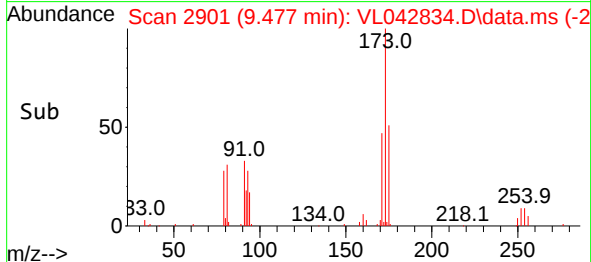
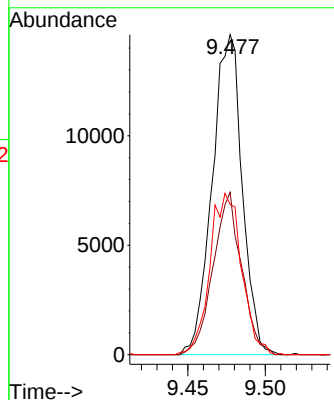
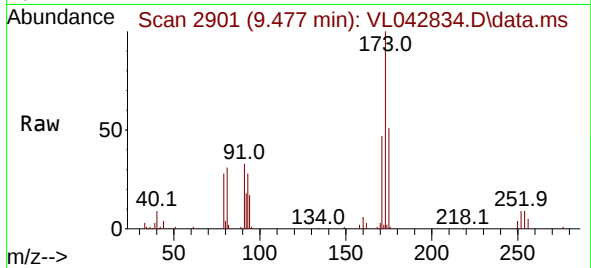




#49
Bromoform
Concen: 0.921 ppbv
RT: 9.477 min Scan# 2901
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

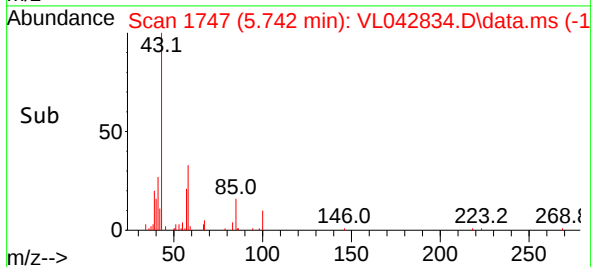
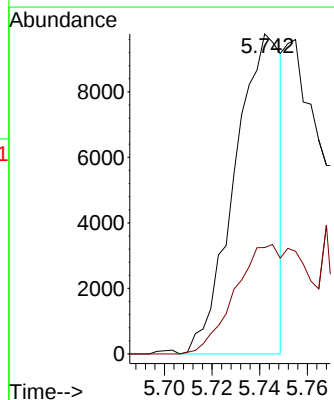
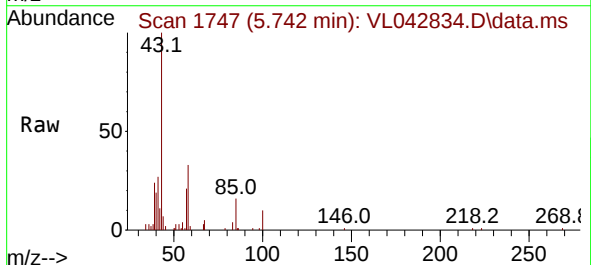
Instrument :
MSVOA_L
ClientSampleId :

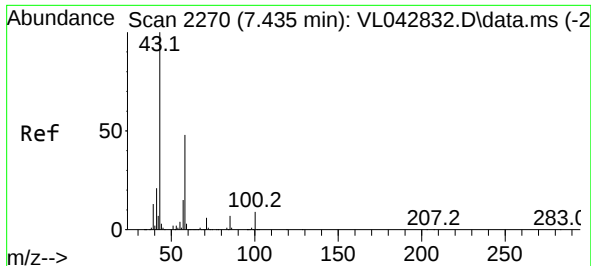
Tgt Ion:173 Resp: 19713
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.0
171 53.1 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 0.413 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 43 Resp: 13070
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

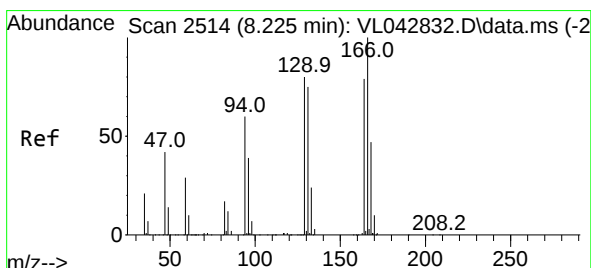
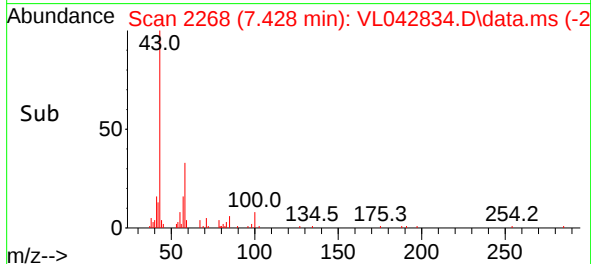
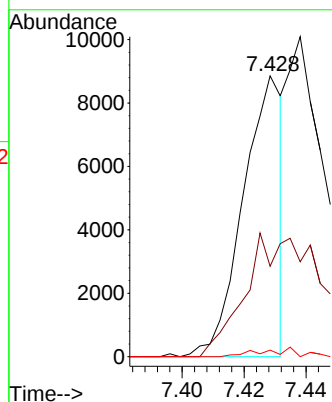
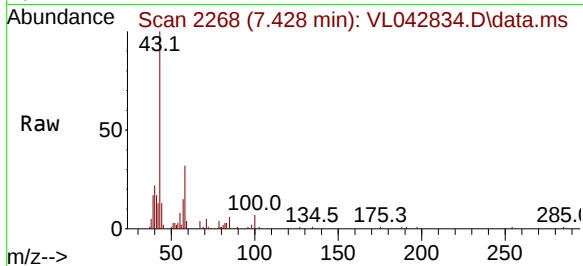




#51
2-Hexanone
Concen: 0.331 ppbv
RT: 7.428 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

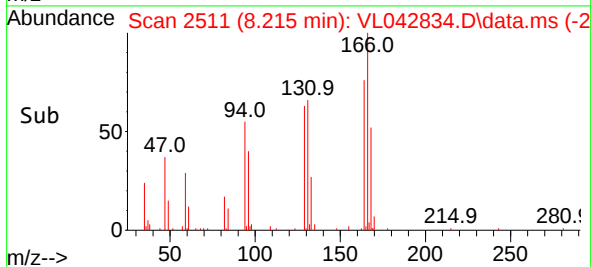
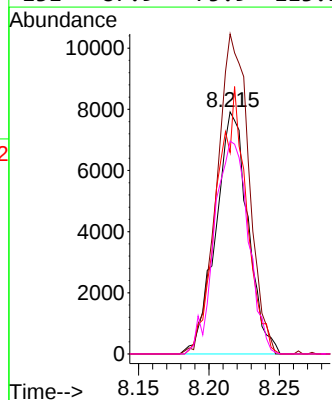
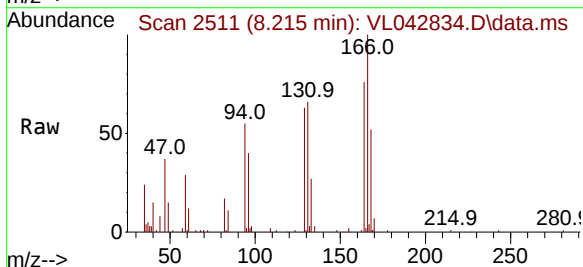
Instrument :
MSVOA_L
ClientSampleId :

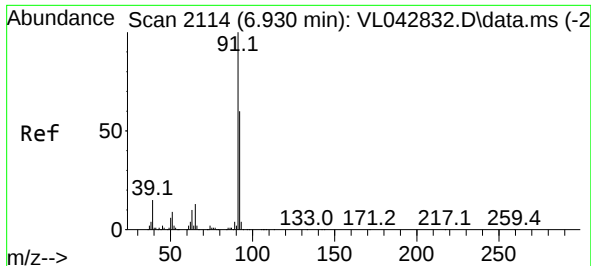
Tgt Ion: 43 Resp: 7768
Ion Ratio Lower Upper
43 100
58 92.0 36.6 54.8#
98 0.0 0.8 1.2#



#52
Tetrachloroethene
Concen: 0.953 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.010 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 164 Resp: 12580
Ion Ratio Lower Upper
164 100
166 132.2 101.0 151.4
129 83.2 80.9 121.3
131 87.9 75.9 113.9

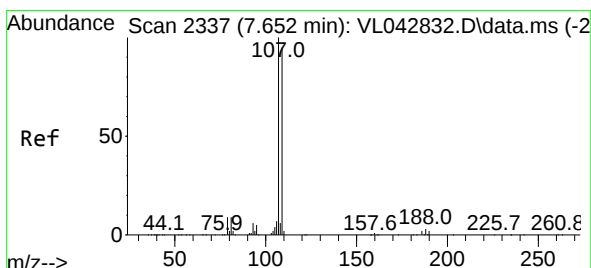
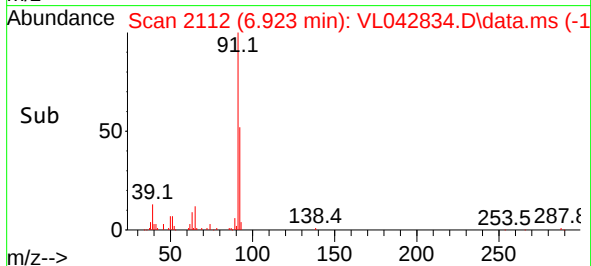
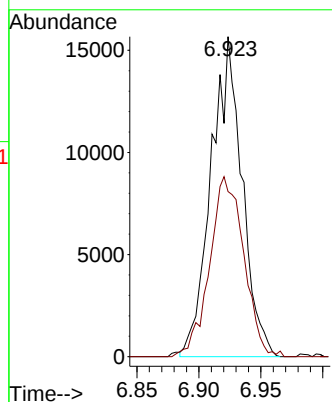
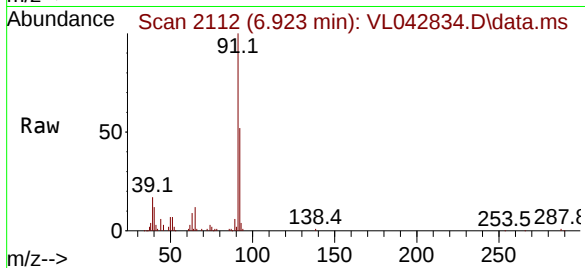




#53
Toluene
Concen: 0.817 ppbv
RT: 6.923 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

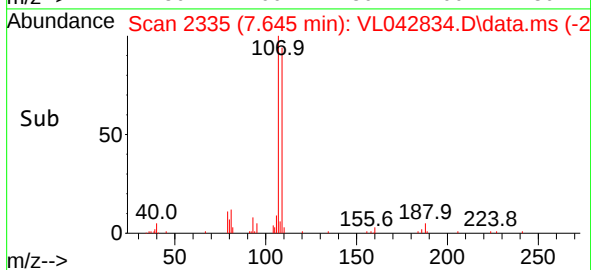
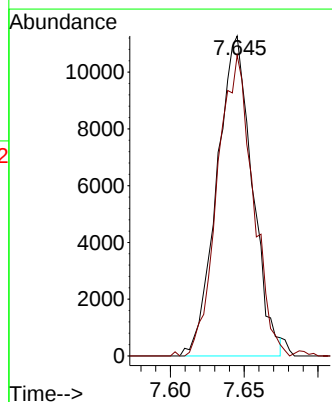
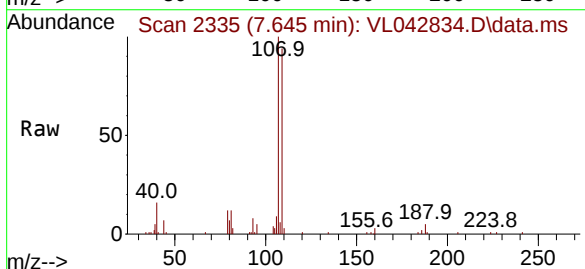
Instrument :
MSVOA_L
ClientSampleId :

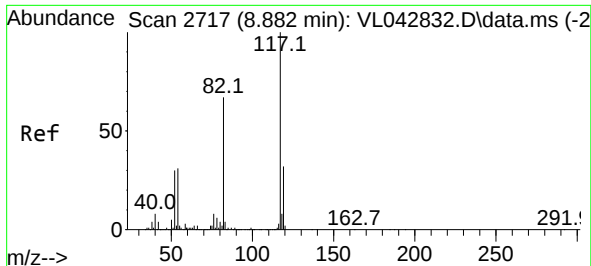
Tgt Ion: 91 Resp: 27321
Ion Ratio Lower Upper
91 100
92 61.9 47.8 71.8



#54
1,2-Dibromoethane
Concen: 0.931 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 107 Resp: 18786
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

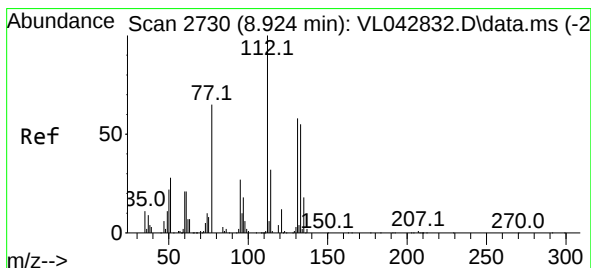
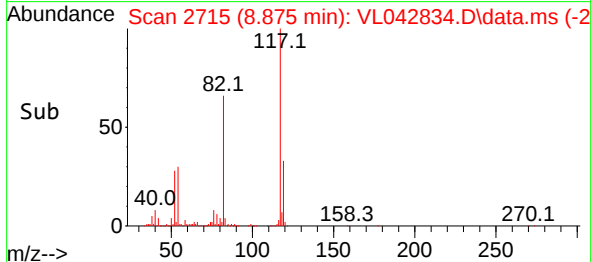
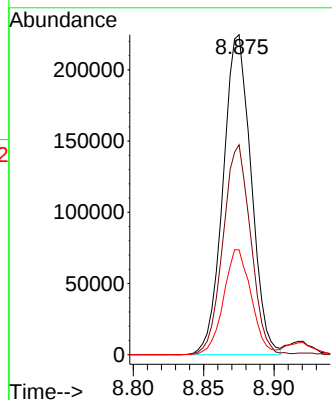
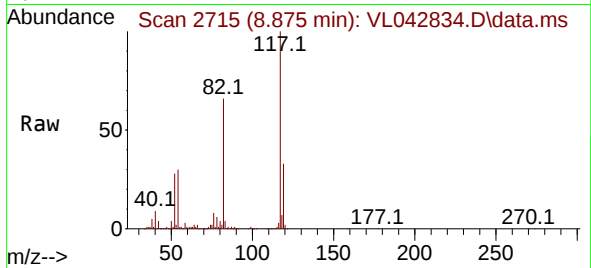




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

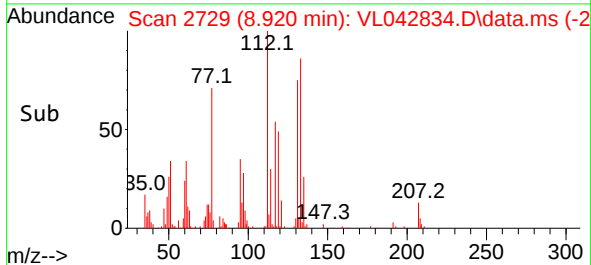
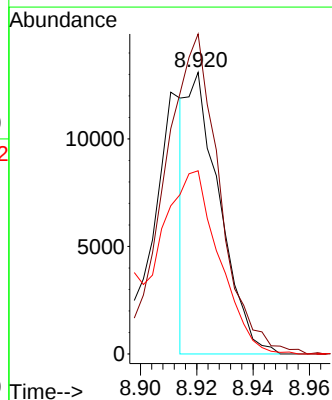
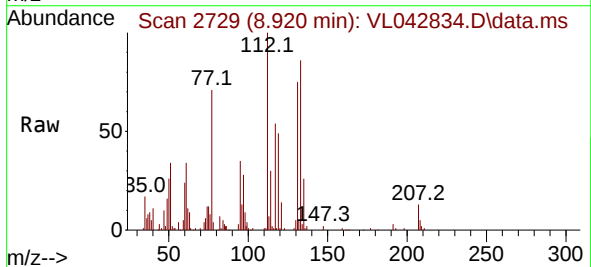
Instrument :
MSVOA_L
ClientSampleId :

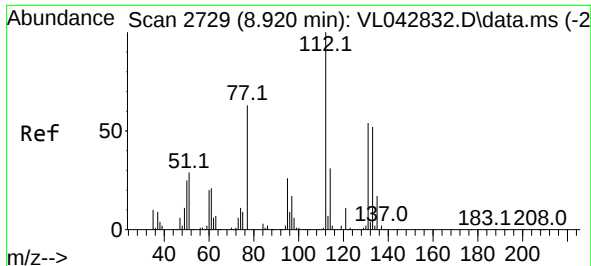
Tgt Ion:117 Resp: 311395
Ion Ratio Lower Upper
117 100
82 65.3 55.7 83.5
119 36.2 26.7 40.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.559 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

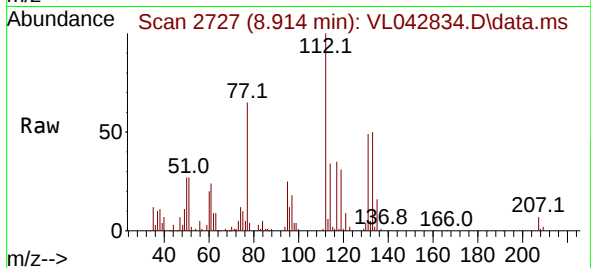
Tgt Ion:131 Resp: 10706
Ion Ratio Lower Upper
131 100
133 190.2 77.0 115.6#
119 103.4 50.5 75.7#



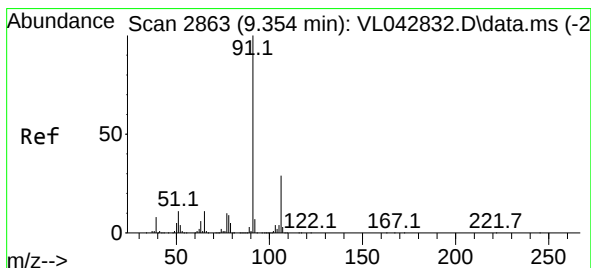
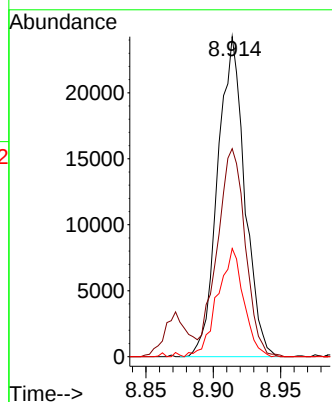
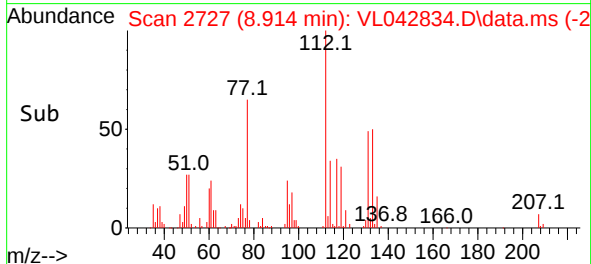


#57
Chlorobenzene
Concen: 1.021 ppbv
RT: 8.914 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Instrument :
MSVOA_L
ClientSampleId :

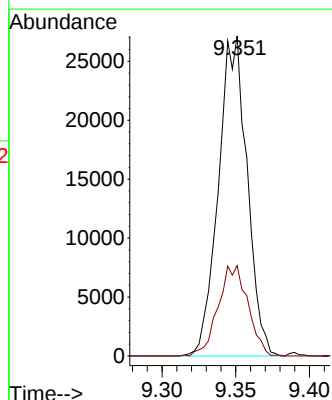
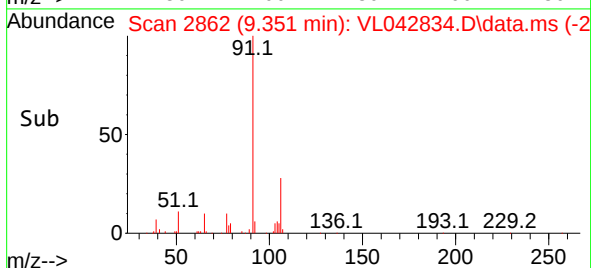
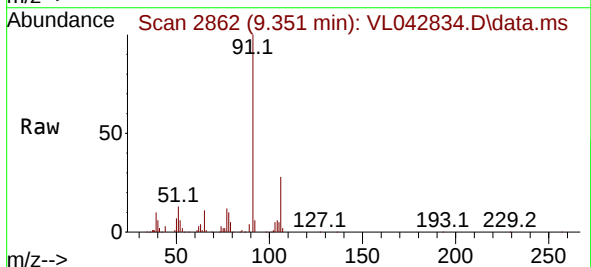


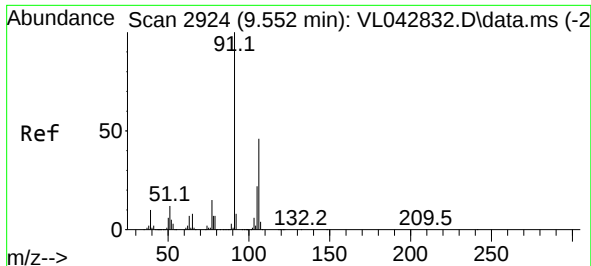
Tgt Ion: 112 Resp: 33832
Ion Ratio Lower Upper
112 100
77 64.5 51.5 77.3
114 33.8 28.3 34.5



#58
Ethyl Benzene
Concen: 0.812 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 91 Resp: 36759
Ion Ratio Lower Upper
91 100
106 28.2 23.4 35.2





#59

m/p-Xylene

Concen: 1.058 ppbv

RT: 9.545 min Scan# 2924

Delta R.T. -0.006 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

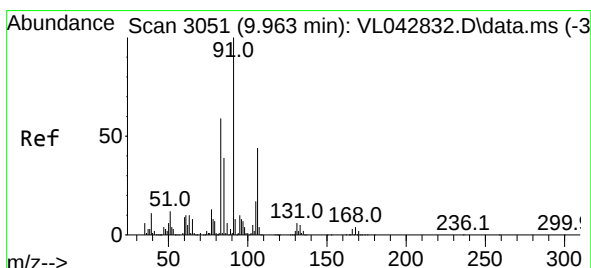
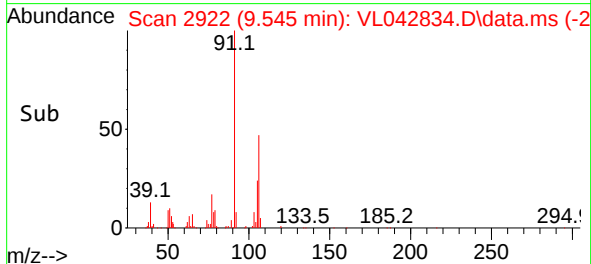
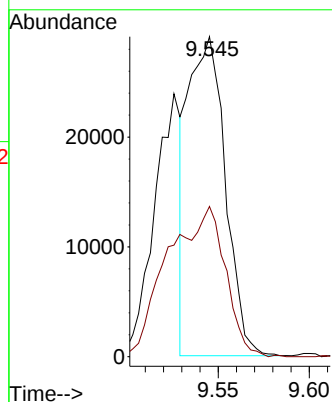
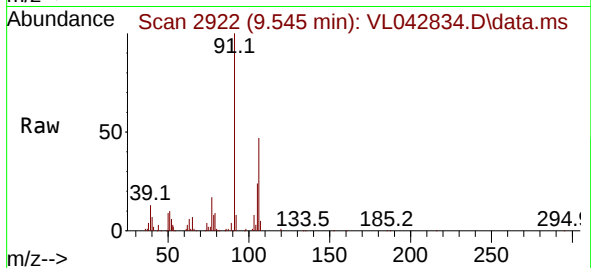
ClientSampleId :

Tgt Ion: 91 Resp: 41276

Ion Ratio Lower Upper

91 100

106 73.2 0.0 0.0#



#60

o-Xylene

Concen: 0.837 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.006 min

Lab File: VL042834.D

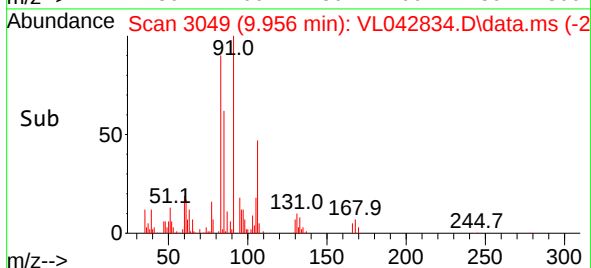
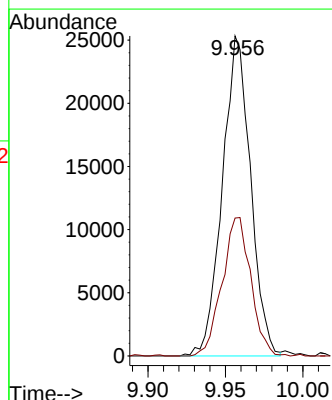
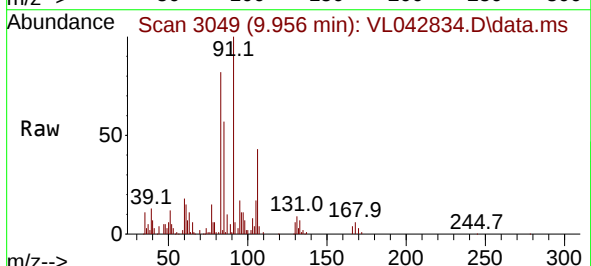
Acq: 11 Aug 2025 09:26

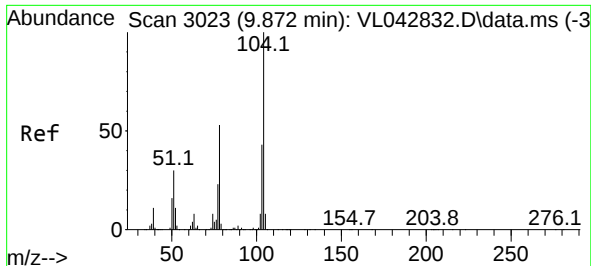
Tgt Ion: 91 Resp: 32061

Ion Ratio Lower Upper

91 100

106 44.1 21.9 65.7

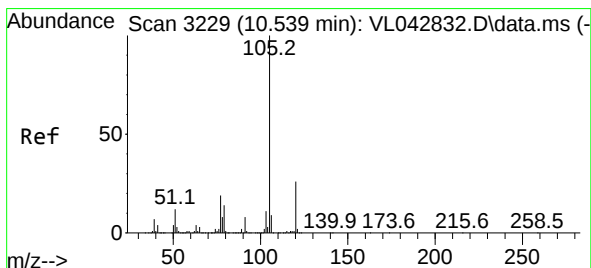
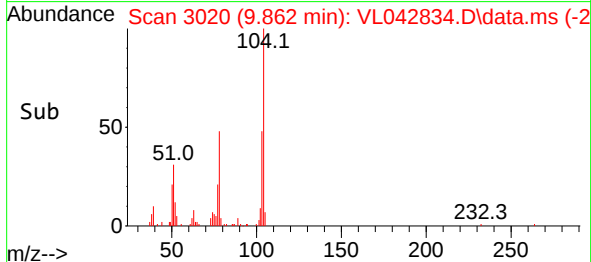
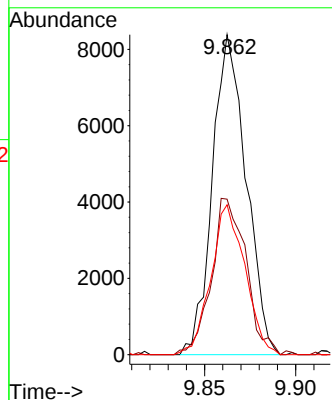
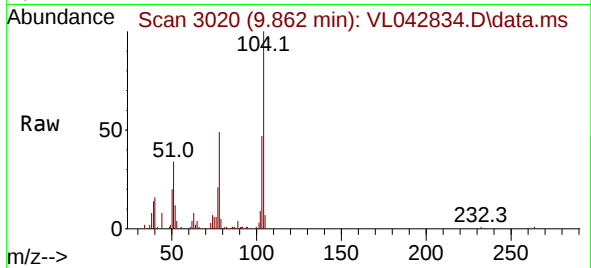




#61
Styrene
Concen: 1.147 ppbv
RT: 9.862 min Scan# 3023
Delta R.T. -0.010 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

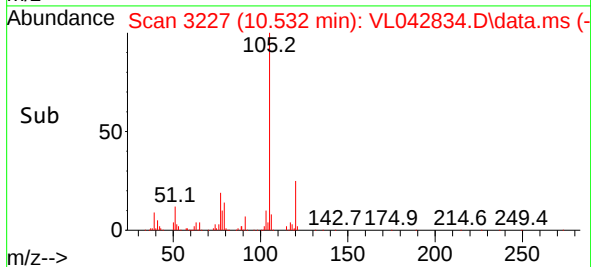
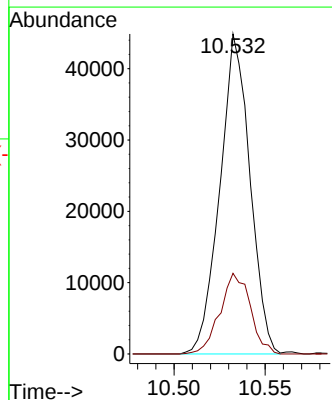
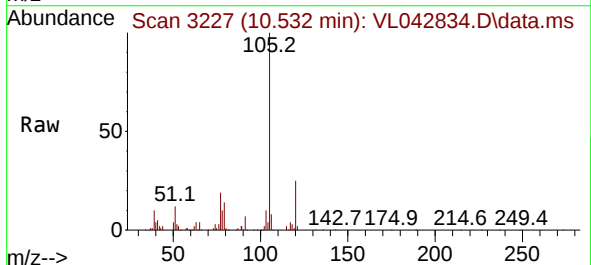
Instrument :
MSVOA_L
ClientSampleId :

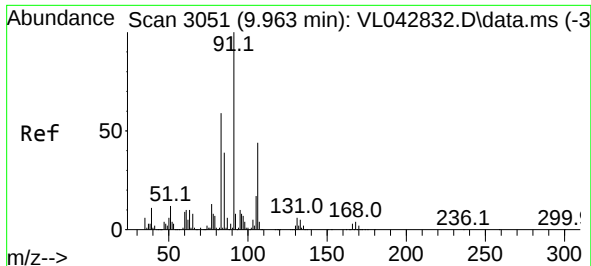
Tgt Ion:104 Resp: 10802
Ion Ratio Lower Upper
104 100
78 50.1 41.4 62.2
103 47.2 36.9 55.3



#62
Isopropylbenzene
Concen: 0.888 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion:105 Resp: 51490
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6





#63

1,1,2,2-Tetrachloroethane

Concen: 0.982 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

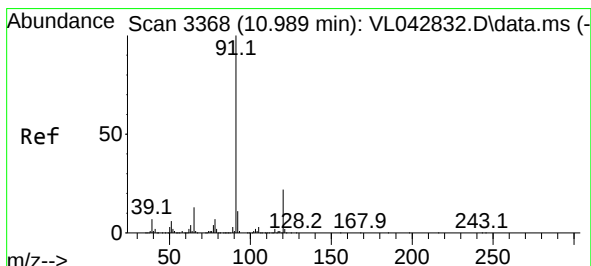
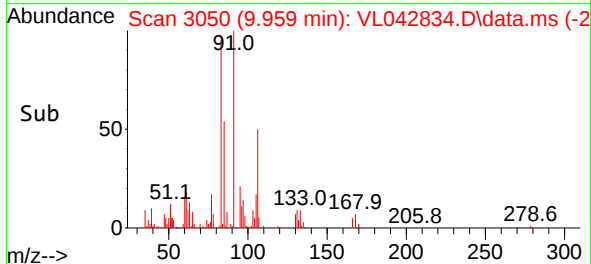
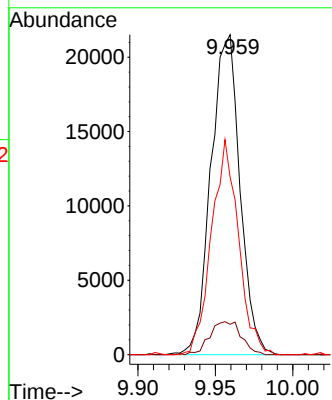
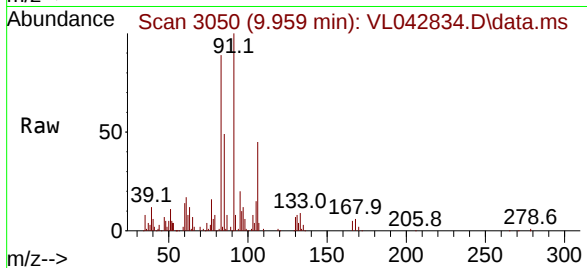
Tgt Ion: 83 Resp: 28022

Ion Ratio Lower Upper

83 100

131 11.3 4.9 14.6

85 62.5 32.6 97.8



#64

n-propylbenzene

Concen: 0.863 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.003 min

Lab File: VL042834.D

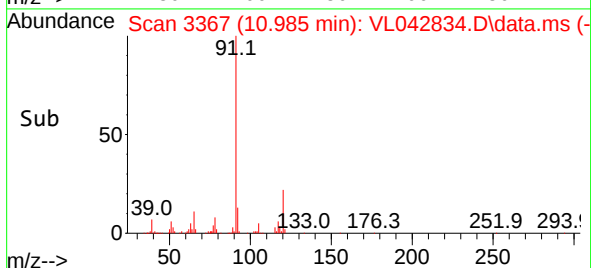
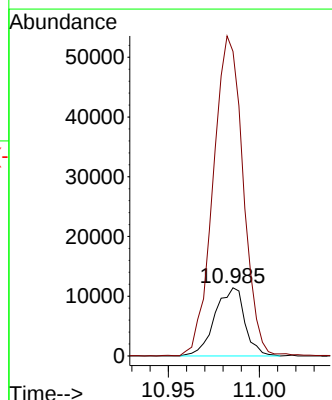
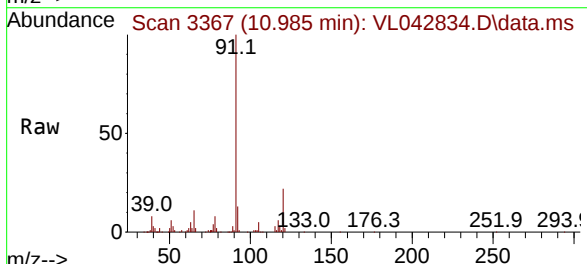
Acq: 11 Aug 2025 09:26

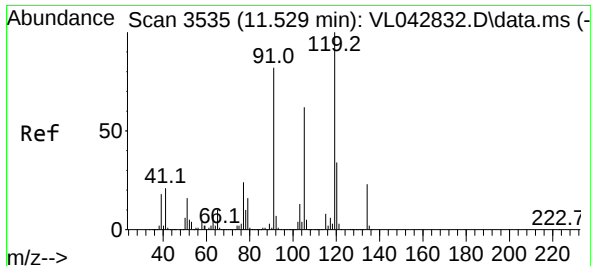
Tgt Ion: 120 Resp: 12979

Ion Ratio Lower Upper

120 100

91 474.3 379.2 568.8

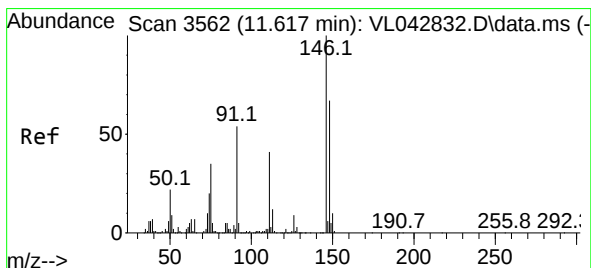
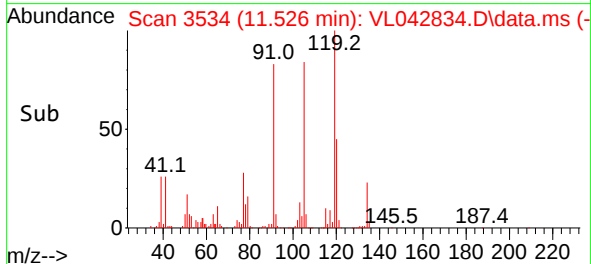
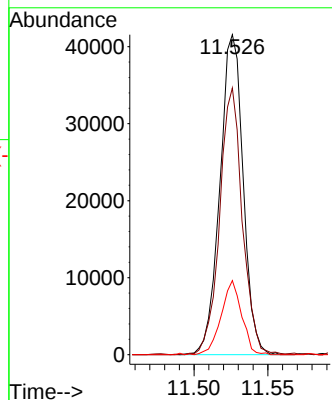
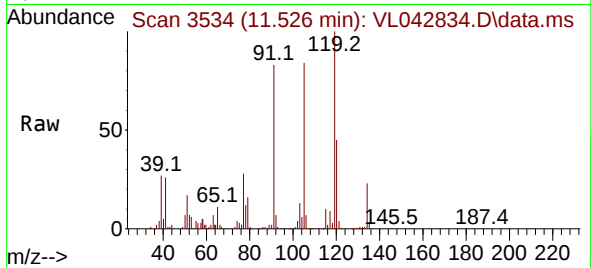




#65
tert-Butylbenzene
Concen: 0.887 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

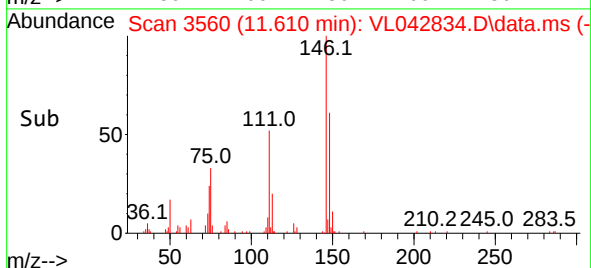
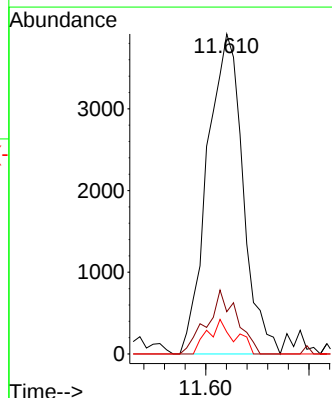
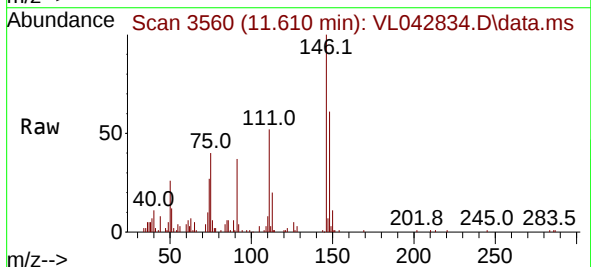
Instrument :
MSVOA_L
ClientSampleId :

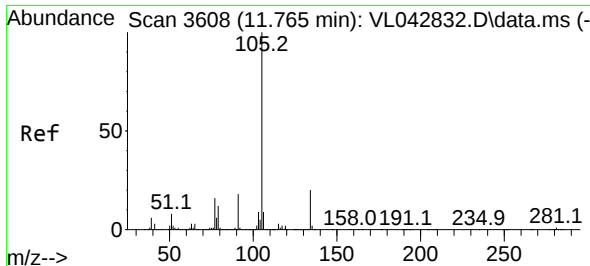
Tgt Ion:119 Resp: 45531
Ion Ratio Lower Upper
119 100
91 81.9 64.6 96.8
134 20.6 17.1 25.7



#66
Benzyl Chloride
Concen: 0.853 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 91 Resp: 4687
Ion Ratio Lower Upper
91 100
126 16.9 13.6 20.4
128 8.2 4.7 7.1#

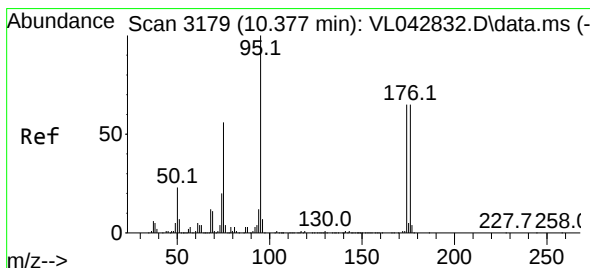
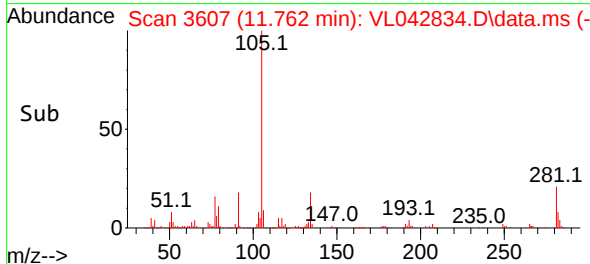
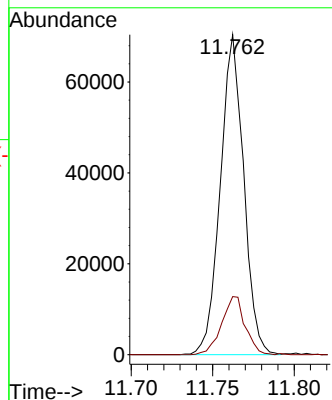
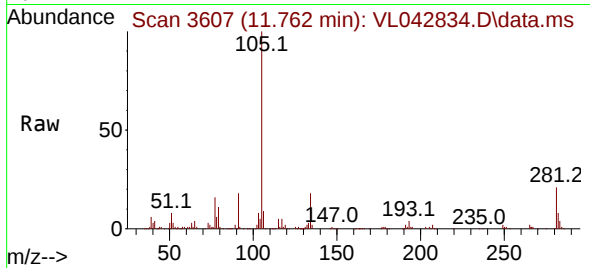




#67
 sec-Butylbenzene
 Concen: 0.926 ppbv
 RT: 11.762 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

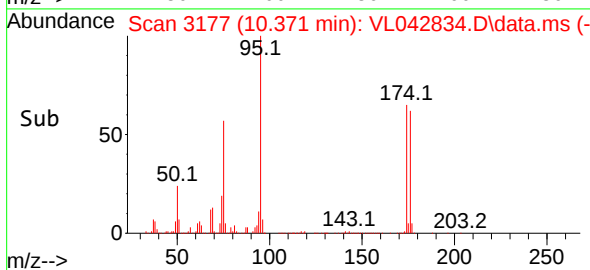
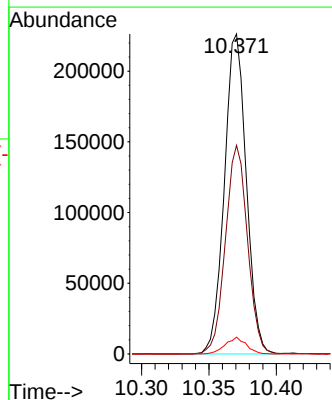
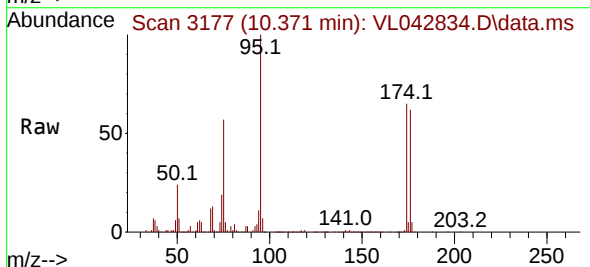
Instrument :
 MSVOA_L
 ClientSampleId :

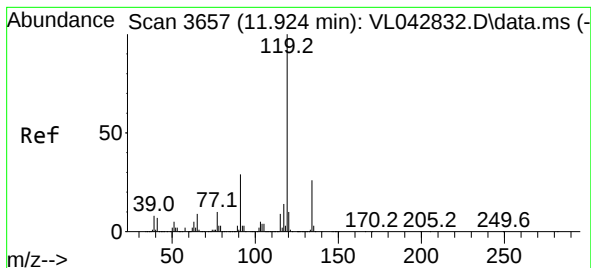
Tgt Ion:105 Resp: 70158
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.7 23.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.189 ppbv
 RT: 10.371 min Scan# 3177
 Delta R.T. -0.006 min
 Lab File: VL042834.D
 Acq: 11 Aug 2025 09:26

Tgt Ion: 95 Resp: 255696
 Ion Ratio Lower Upper
 95 100
 174 65.8 52.6 78.8
 175 5.0 3.9 5.9

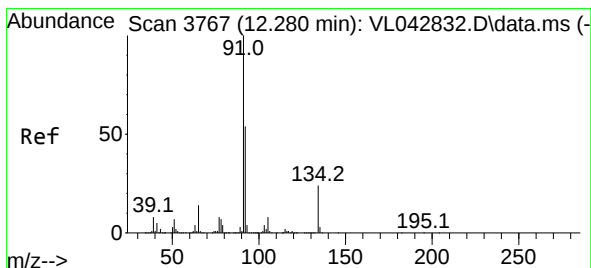
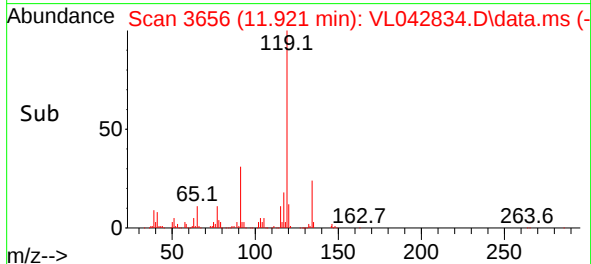
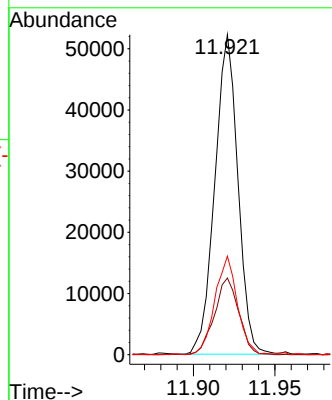
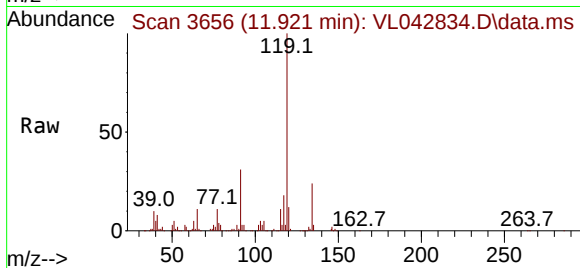




#69
p-Isopropyltoluene
Concen: 0.853 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

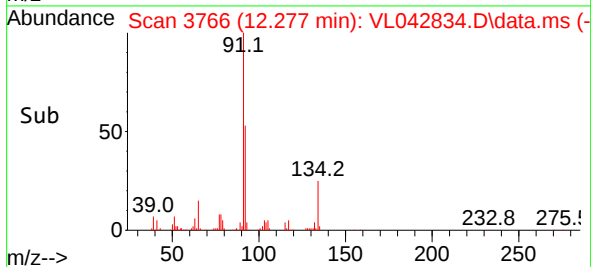
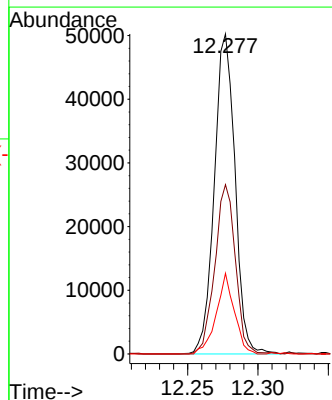
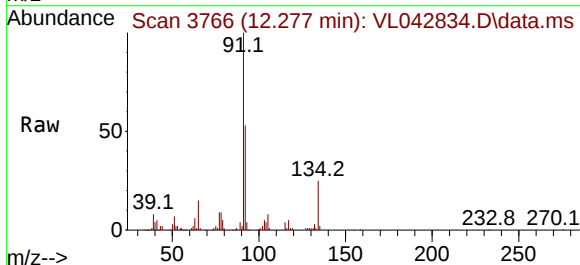
Instrument :
MSVOA_L
ClientSampleId :

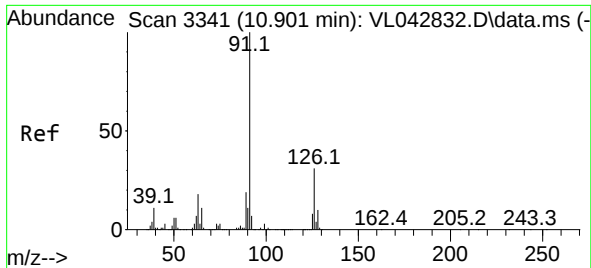
Tgt Ion:119 Resp: 51365
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 30.5 23.2 34.8



#70
n-Butylbenzene
Concen: 0.854 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.003 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 91 Resp: 51298
Ion Ratio Lower Upper
91 100
92 52.8 43.2 64.8
134 22.4 19.0 28.6

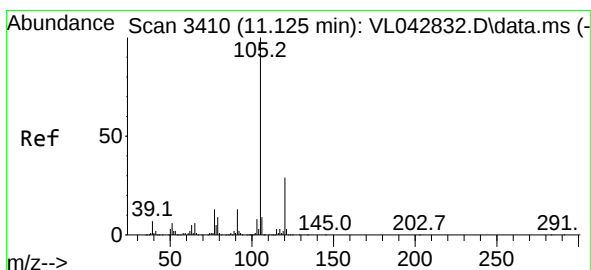
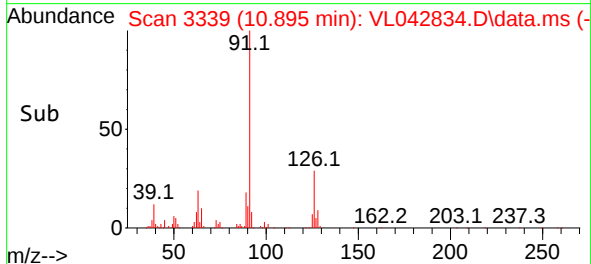
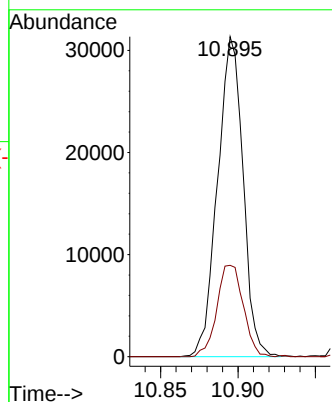
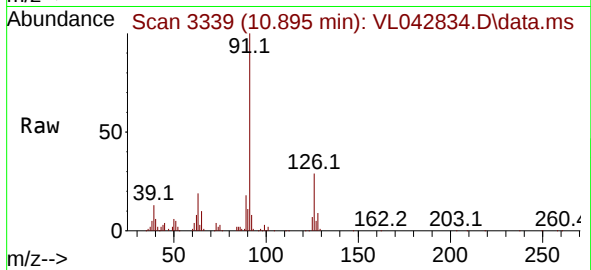




#71
2-Chlorotoluene
Concen: 0.841 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

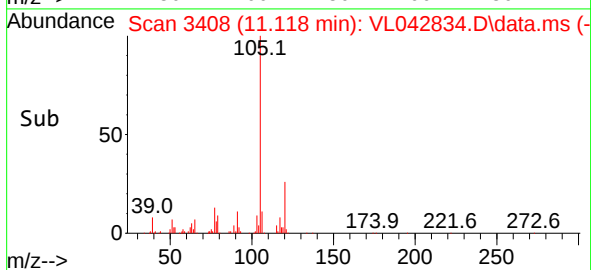
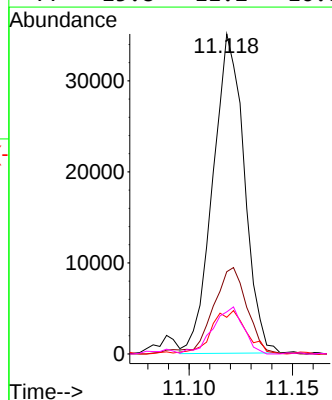
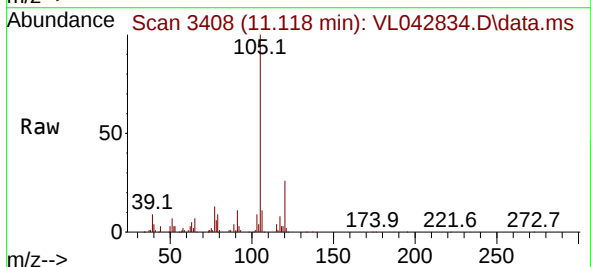
Instrument :
MSVOA_L
ClientSampleId :

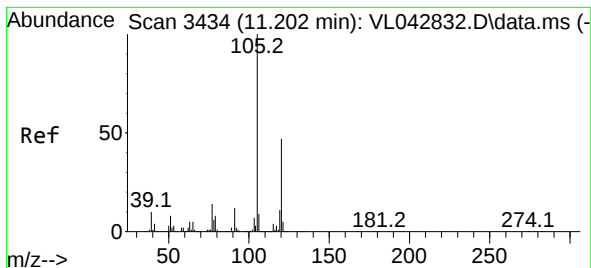
Tgt Ion: 91 Resp: 35795
Ion Ratio Lower Upper
91 100
126 29.7 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.806 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

Tgt Ion: 105 Resp: 37000
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 15.1 10.7 16.1
77 15.8 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 0.847 ppbv

RT: 11.199 min Scan# 3434

Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

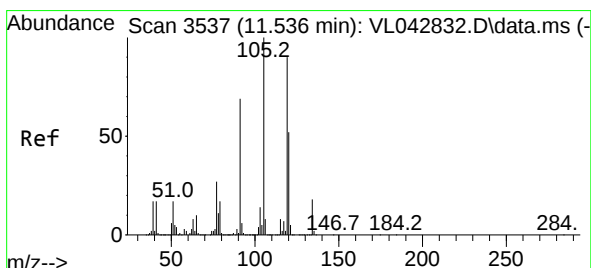
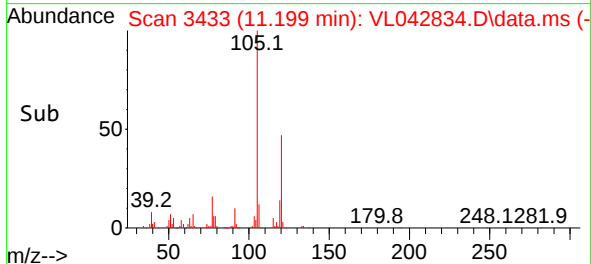
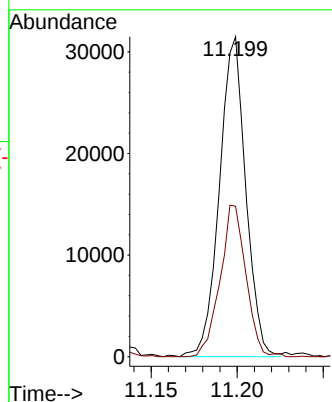
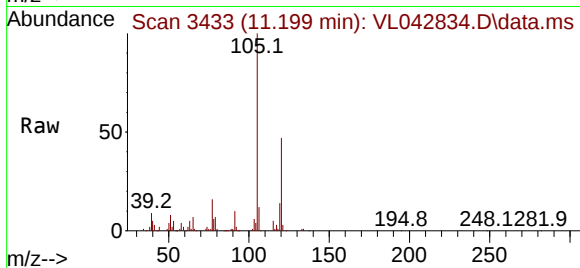
ClientSampleId :

Tgt Ion:105 Resp: 33491

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 0.912 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.006 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Tgt Ion:105 Resp: 42319

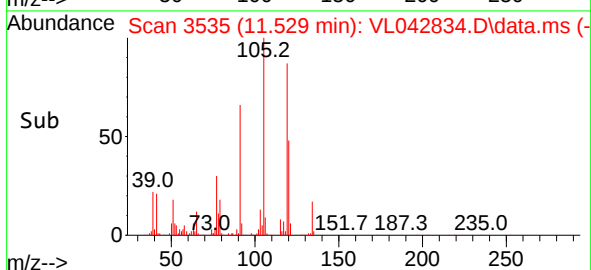
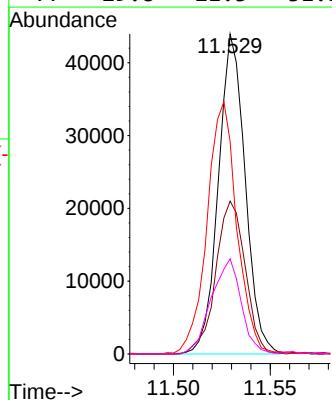
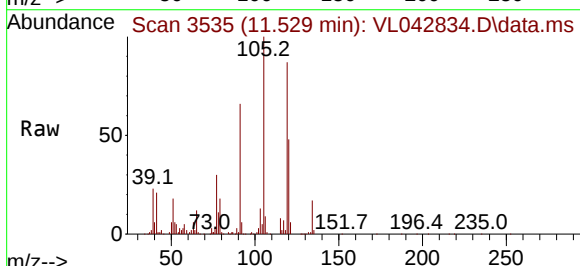
Ion Ratio Lower Upper

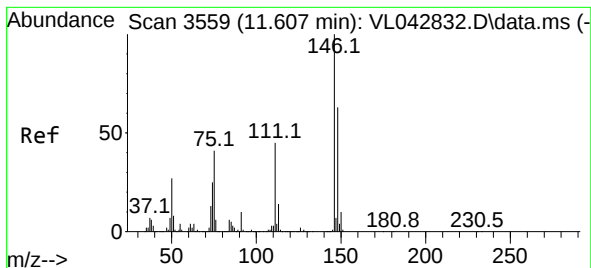
105 100

120 47.5 41.9 62.9

91 65.7 55.5 83.3

77 29.8 21.3 31.9





#75

1,3-Dichlorobenzene

Concen: 0.974 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. -0.010 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

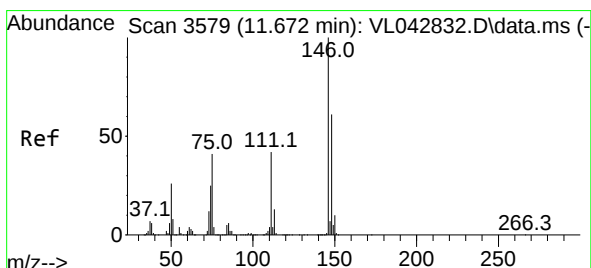
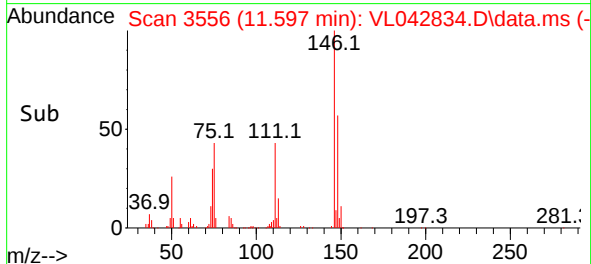
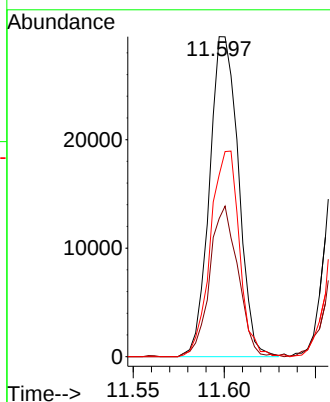
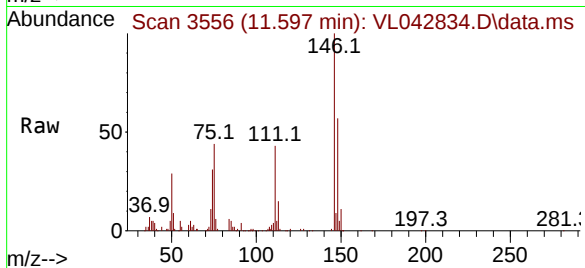
Tgt Ion:146 Resp: 32473

Ion Ratio Lower Upper

146 100

111 46.0 22.4 67.0

148 64.3 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 0.936 ppbv

RT: 11.665 min Scan# 3577

Delta R.T. -0.006 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

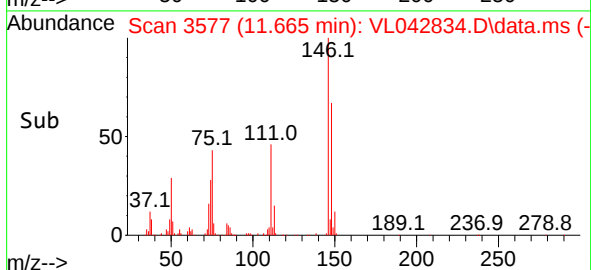
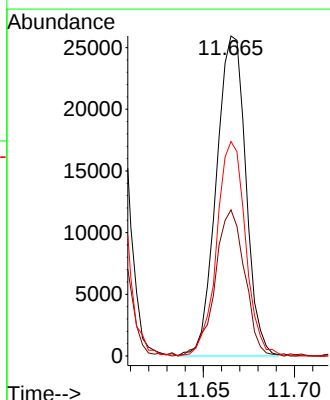
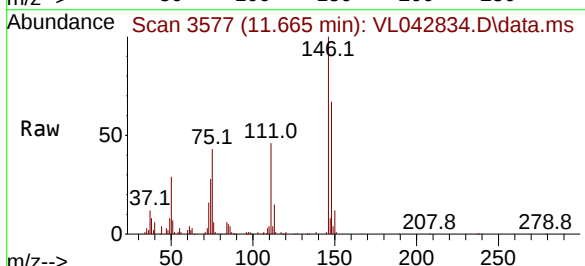
Tgt Ion:146 Resp: 29190

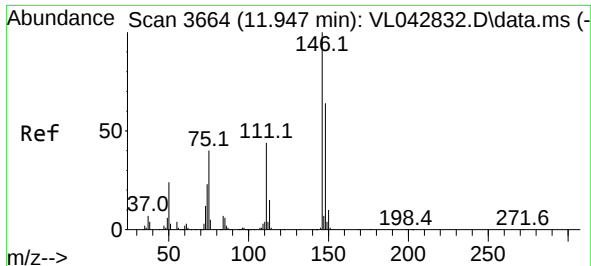
Ion Ratio Lower Upper

146 100

111 45.9 21.1 63.1

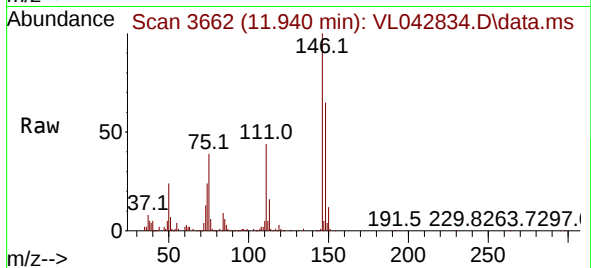
148 65.4 31.3 93.8



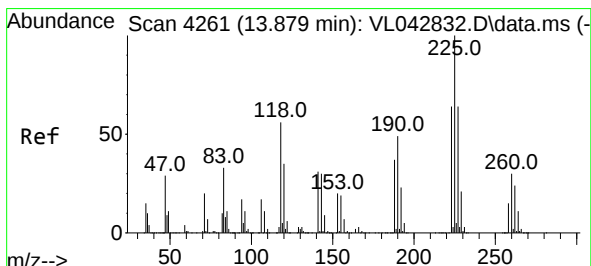
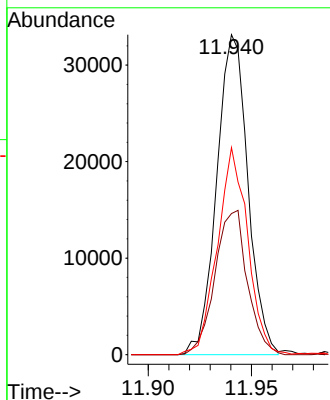
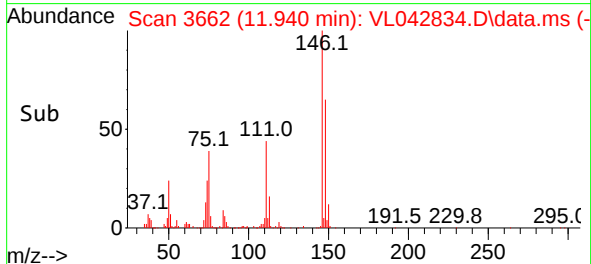


#77
1,2-Dichlorobenzene
Concen: 1.027 ppbv
RT: 11.940 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26

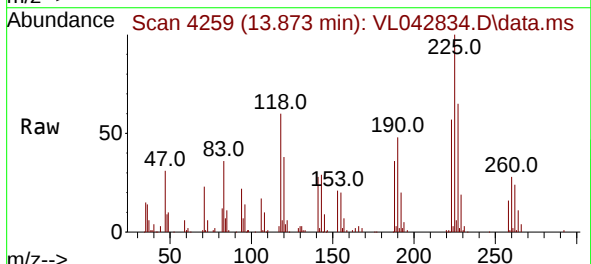
Instrument :
MSVOA_L
ClientSampleId :



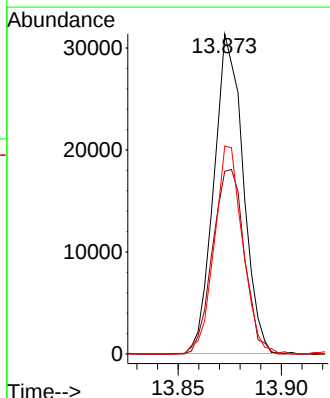
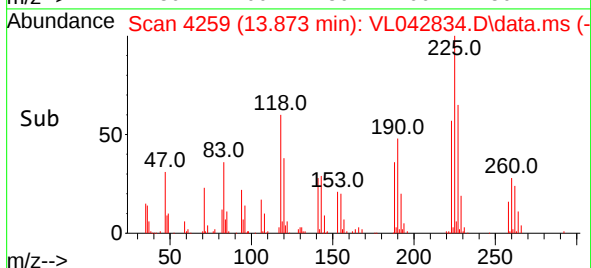
Tgt Ion:146 Resp: 34834
Ion Ratio Lower Upper
146 100
111 46.8 23.2 69.6
148 63.2 31.6 95.0

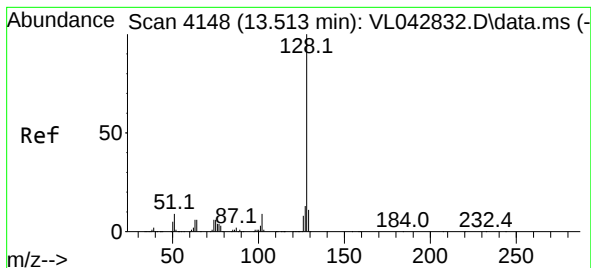


#78
Hexachloro-1,3-Butadiene
Concen: 1.061 ppbv
RT: 13.873 min Scan# 4259
Delta R.T. -0.006 min
Lab File: VL042834.D
Acq: 11 Aug 2025 09:26



Tgt Ion:225 Resp: 30759
Ion Ratio Lower Upper
225 100
223 62.9 51.1 76.7
227 63.9 50.9 76.3





#79

Naphthalene

Concen: 0.821 ppbv

RT: 13.507 min Scan# 4146

Delta R.T. -0.006 min

Lab File: VL042834.D

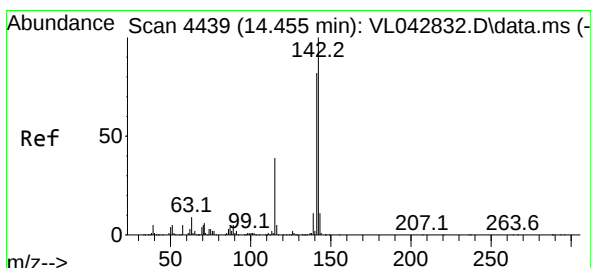
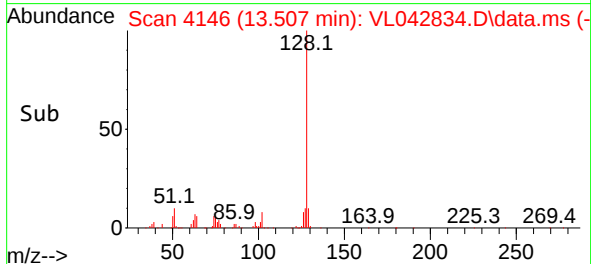
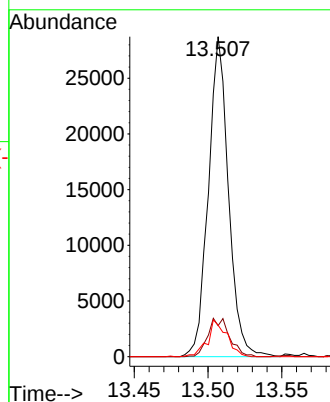
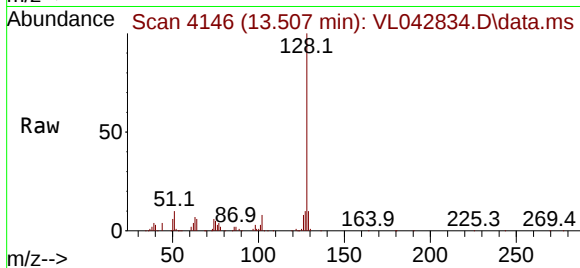
Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	27193
Ion Ratio	Lower	Upper
128	100	
127	9.7	10.6 15.8#
129	9.8	8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 0.576 ppbv

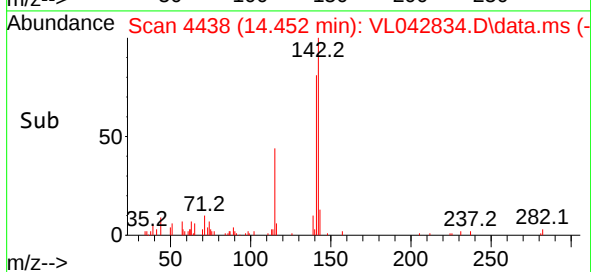
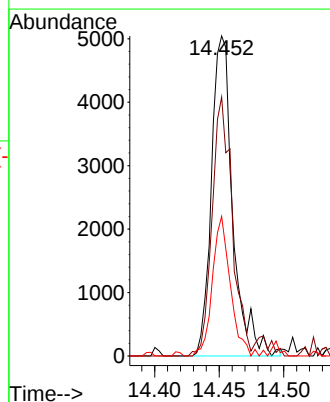
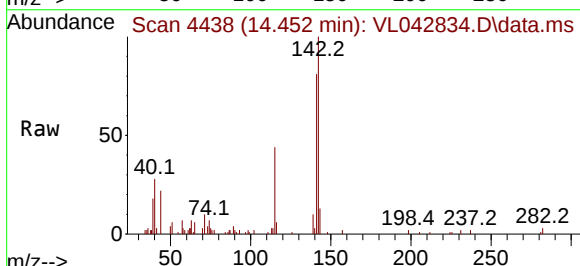
RT: 14.452 min Scan# 4438

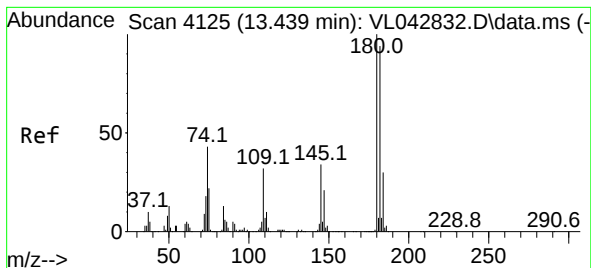
Delta R.T. -0.003 min

Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Tgt Ion:142	Resp:	5822
Ion Ratio	Lower	Upper
142	100	
141	80.2	66.4 99.6
115	39.0	30.8 46.2





#81

1,2,4-Trichlorobenzene

Concen: 0.876 ppbv

RT: 13.432 min Scan# 41

Delta R.T. -0.006 min

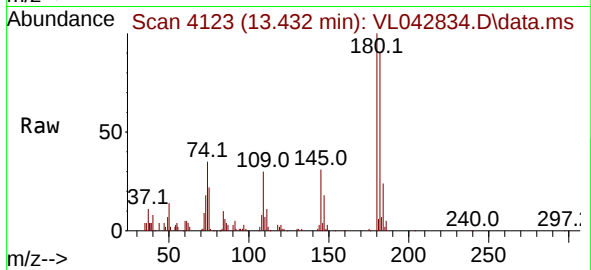
Lab File: VL042834.D

Acq: 11 Aug 2025 09:26

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 19353

Ion Ratio Lower Upper

180 100

182 90.0 76.4 114.6

184 29.3 24.0 36.0

