

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041841.D
 Acq On : 07 Jan 2025 10:52
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 00:56:40 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	90228	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	210692	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	175693	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	149231	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8282	0.559	ppbv	99
3) Chlorodifluoromethane	1.479	51	7858	0.555	ppbv	97
4) Chloromethane	1.538	50	3343	0.549	ppbv	92
5) Vinyl Chloride	1.583	62	3086	0.503	ppbv	90
6) Bromomethane	1.673	94	1453	0.552	ppbv	96
7) Chloroethane	1.709	64	1413	0.598	ppbv	93
8) Dichlorotetrafluoroethane	1.560	85	6936	0.543	ppbv	99
9) Propene	1.489	41	2570	0.522	ppbv	88
10) Heptane	5.004	43	2789	0.229	ppbv #	49
11) Trichlorofluoromethane	1.884	101	8242	0.547	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	6155	0.549	ppbv	96
13) Ethanol	1.725	45	662	1.182	ppbv	89
14) Bromoethene	1.787	108	1897	0.517	ppbv #	84
15) Acetone	1.842	43	10484	0.631	ppbv	98
16) 1,3-Butadiene	1.615	39	3795	0.583	ppbv	86
17) tert-Butyl alcohol	2.052	59	7735	0.537	ppbv	98
18) 1,1-Dichloroethene	2.042	96	2555	0.544	ppbv	92
19) Isopropyl Alcohol	1.894	45	5026	0.645	ppbv #	95
20) Methylene Chloride	2.068	84	3053	0.643	ppbv	92
21) Allyl Chloride	2.104	41	4272	0.499	ppbv	86
22) trans-1,2-Dichloroethene	2.350	96	2791	0.532	ppbv #	79
23) Vinyl Acetate	2.470	43	2104	0.395	ppbv #	89
24) 1,1-Dichloroethane	2.418	63	6246	0.544	ppbv	96
25) Ethyl Acetate	2.852	43	12851	0.461	ppbv	97
26) Hexane	2.835	57	4350	0.450	ppbv	86
27) Carbon Disulfide	2.159	76	4312	0.470	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	4116	0.565	ppbv	91
29) Chloroform	2.858	83	9887	0.550	ppbv	92
30) Cyclohexane	3.871	84	1262	0.172	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	4773	0.480	ppbv	94
32) 1,1,1-Trichloroethane	3.382	97	8151	0.501	ppbv	97
34) 2-Butanone	2.570	43	8647	0.521	ppbv	97
35) Carbon Tetrachloride	3.784	117	7956	0.500	ppbv	88
36) Benzene	3.674	78	9795	0.487	ppbv	95
37) 1,2-Dichloroethane	3.230	62	6918	0.523	ppbv #	95
38) Trichloroethene	4.570	130	3763	0.477	ppbv #	85
39) 1,2-Dichloropropane	4.331	63	4076	0.524	ppbv	97
40) 1,4-Dioxane	4.619	88	213	0.071	ppbv #	17
41) Tetrahydrofuran	3.075	42	3154	0.403	ppbv	97
42) Bromodichloromethane	4.502	83	3346	0.216	ppbv	91
43) Methyl Methacrylate	4.900	69	1320	0.209	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	13710	0.413	ppbv #	89
45) t-1,3-Dichloropropene	6.438	75	2305	0.374	ppbv	98

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 QLast Update : Tue Jan 07 13:48:55 2025
 Response via : Initial Calibration

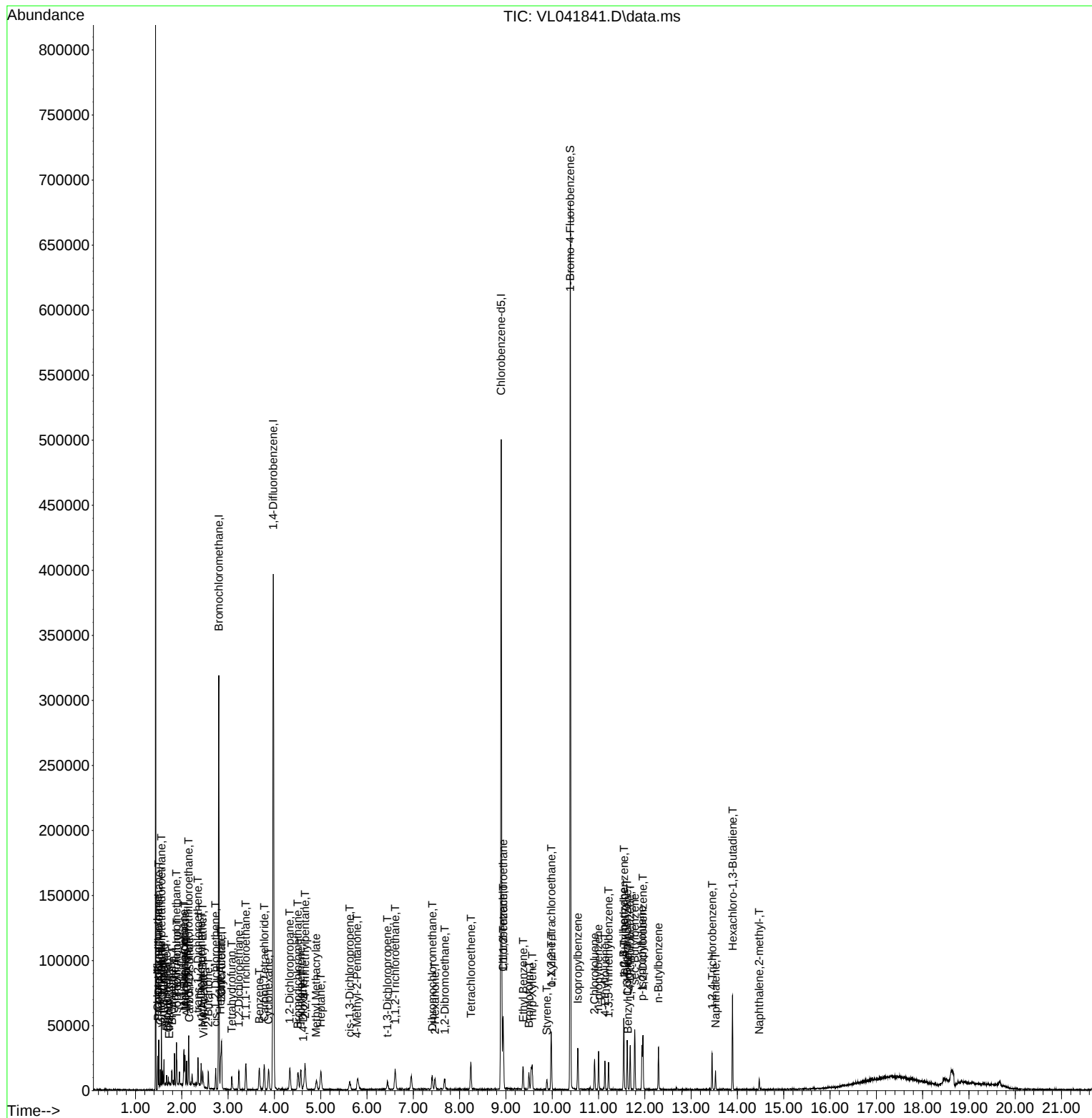
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.629	75	1076	0.133	ppbv	#	49
47) 1,1,2-Trichloroethane	6.606	97	2774	0.337	ppbv	#	82
48) Dibromochloromethane	7.409	129	2963	0.283	ppbv	#	48
49) Bromoform	9.496	173	3639	0.433	ppbv		99
50) 4-Methyl-2-Pentanone	5.784	43	1689	0.088	ppbv	#	43
51) 2-Hexanone	7.467	43	5055	0.348	ppbv	#	98
52) Tetrachloroethene	8.244	164	2601	0.436	ppbv	#	83
54) 1,2-Dibromoethane	7.681	107	1522	0.151	ppbv		95
56) 1,1,1,2-Tetrachloroethane	8.940	131	5115	0.511	ppbv	#	1
57) Chlorobenzene	8.940	112	4349	0.237	ppbv		95
58) Ethyl Benzene	9.373	91	8814	0.368	ppbv		93
59) m/p-Xylene	9.568	91	6202	0.293	ppbv	#	13
60) o-Xylene	9.979	91	6551	0.319	ppbv		100
61) Styrene	9.885	104	2777	0.348	ppbv		98
62) Isopropylbenzene	10.552	105	12528	0.388	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.979	83	8924	0.495	ppbv		97
64) n-propylbenzene	10.998	120	1529	0.185	ppbv		80
65) tert-Butylbenzene	11.542	119	9315	0.320	ppbv		100
66) Benzyl Chloride	11.633	91	1242	0.511	ppbv	#	91
67) sec-Butylbenzene	11.782	105	14329	0.337	ppbv		100
69) p-Isopropyltoluene	11.940	119	10167	0.305	ppbv		94
70) n-Butylbenzene	12.293	91	10226	0.305	ppbv		98
71) 2-Chlorotoluene	10.914	91	8114	0.346	ppbv		98
72) 4-Ethyltoluene	11.137	105	8065	0.324	ppbv	#	97
73) 1,3,5-Trimethylbenzene	11.215	105	7174	0.329	ppbv		89
74) 1,2,4-Trimethylbenzene	11.548	105	7816	0.310	ppbv	#	87
75) 1,3-Dichlorobenzene	11.620	146	7704	0.456	ppbv		98
76) 1,4-Dichlorobenzene	11.684	146	7404	0.456	ppbv		99
77) 1,2-Dichlorobenzene	11.960	146	8725	0.496	ppbv		98
78) Hexachloro-1,3-Butadiene	13.895	225	6344	0.508	ppbv		95
79) Naphthalene	13.529	128	6035	0.325	ppbv	#	93
80) Naphthalene,2-methyl-	14.471	142	2415	0.351	ppbv		98
81) 1,2,4-Trichlorobenzene	13.455	180	4239	0.412	ppbv		99

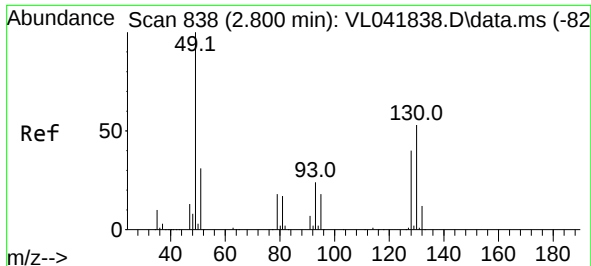
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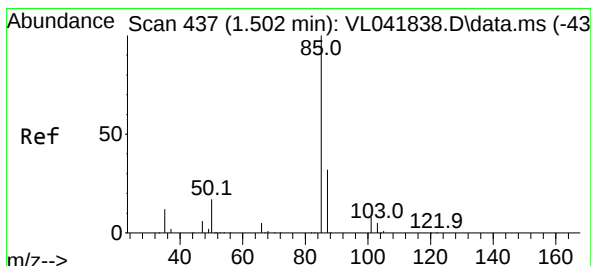
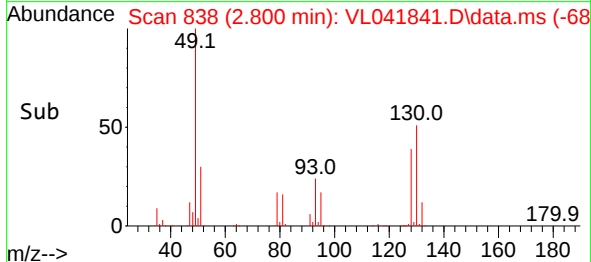
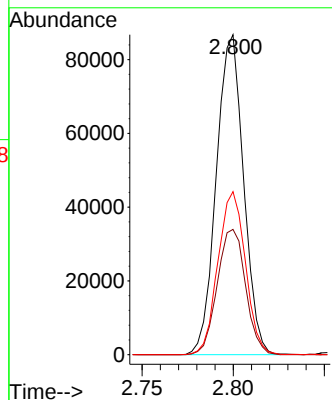
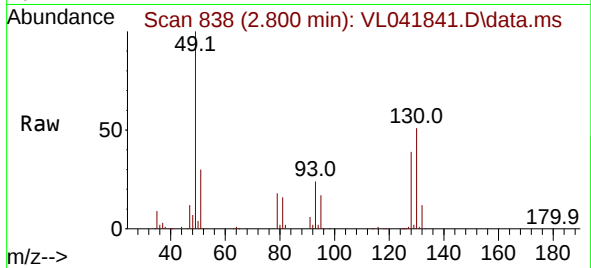




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL041841.D
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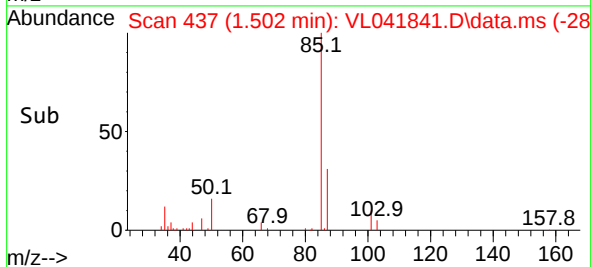
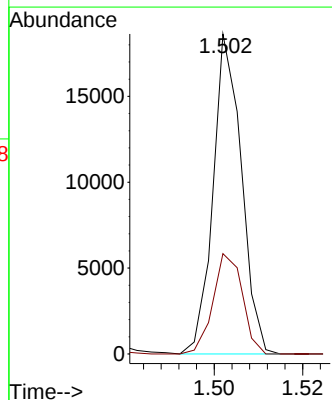
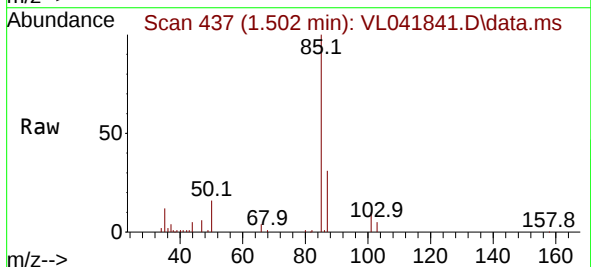
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 ClientSampleId :

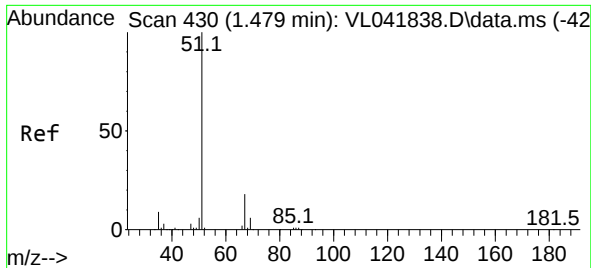
Tgt Ion: 49 Resp: 90228
 Ion Ratio Lower Upper
 49 100
 128 40.6 19.7 59.1
 130 51.4 26.4 79.2



#2
 Dichlorodifluoromethane
 Concen: 0.559 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 85 Resp: 8282
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.6 38.4

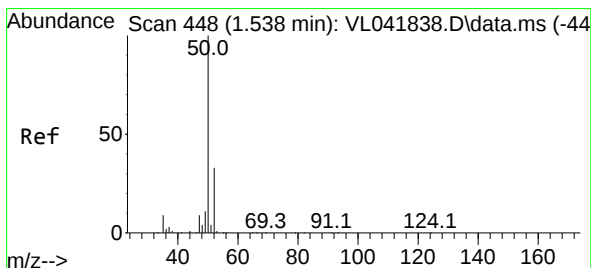
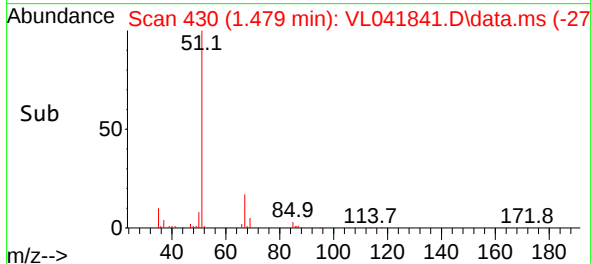
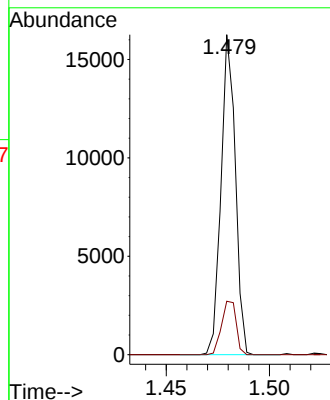
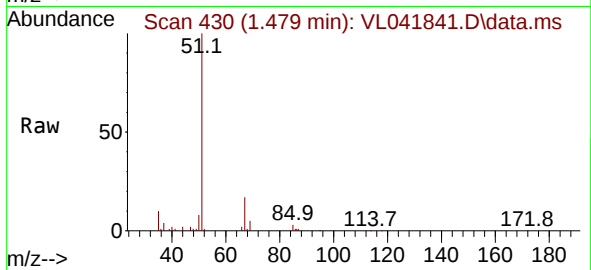




#3
Chlorodifluoromethane
Concen: 0.555 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

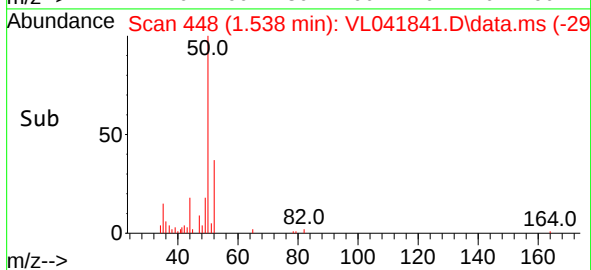
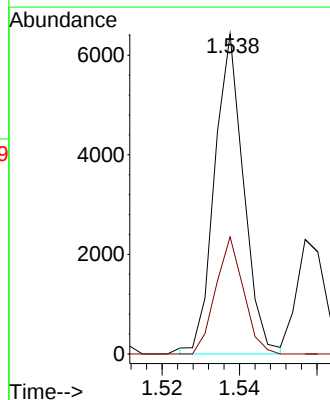
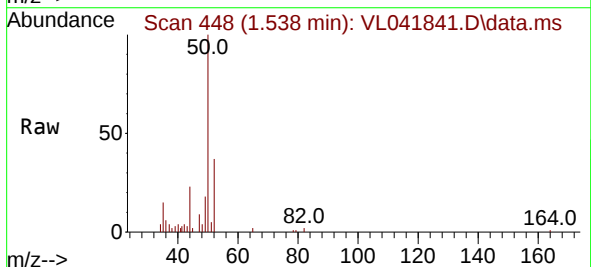
Instrument :
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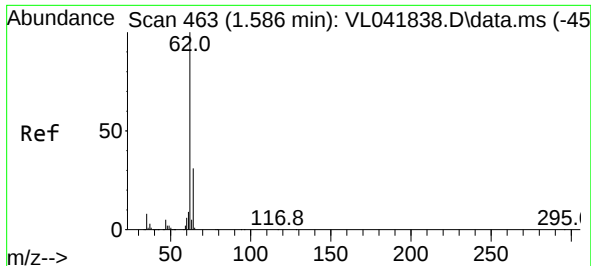
Tgt Ion: 51 Resp: 7858
Ion Ratio Lower Upper
51 100
67 17.0 14.6 22.0



#4
Chloromethane
Concen: 0.549 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 50 Resp: 3343
Ion Ratio Lower Upper
50 100
52 37.3 26.1 39.1

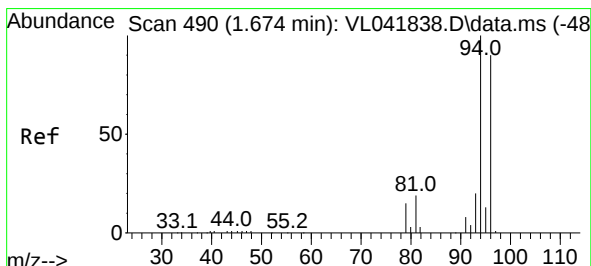
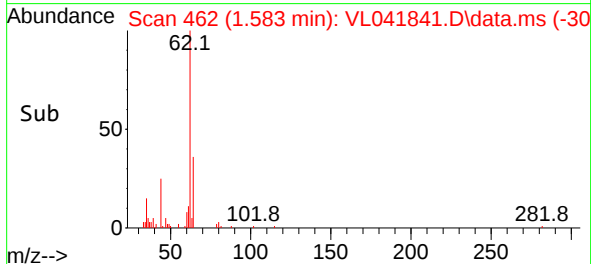
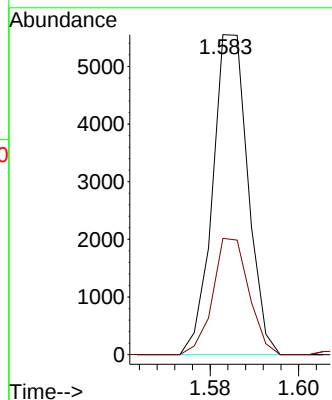
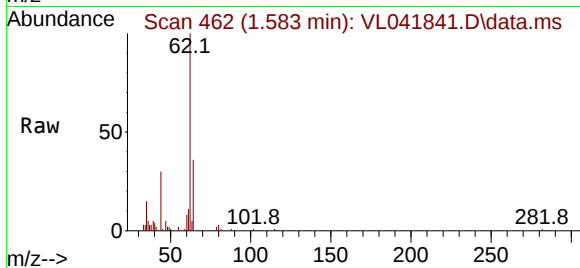




#5
 Vinyl Chloride
 Concen: 0.503 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

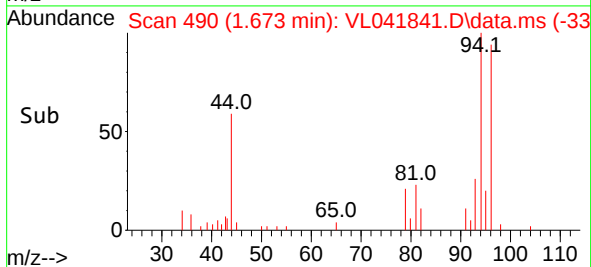
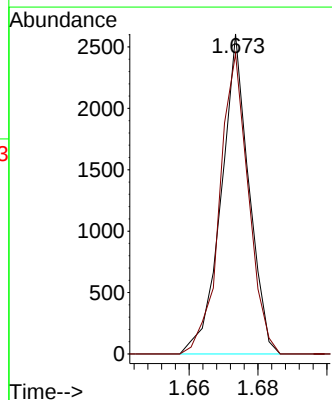
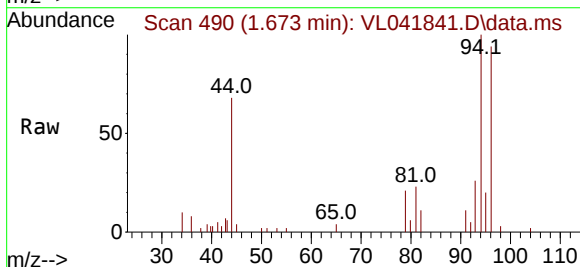
Instrument :
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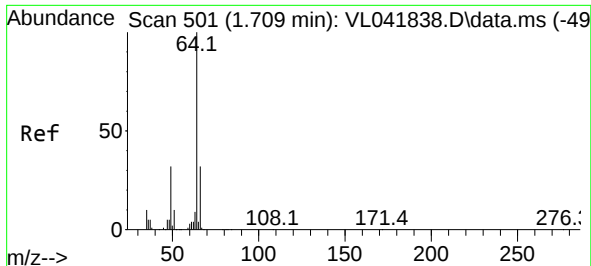
Tgt Ion: 62 Resp: 3086
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.9 37.3



#6
 Bromomethane
 Concen: 0.552 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 94 Resp: 1453
 Ion Ratio Lower Upper
 94 100
 96 93.8 72.0 108.0

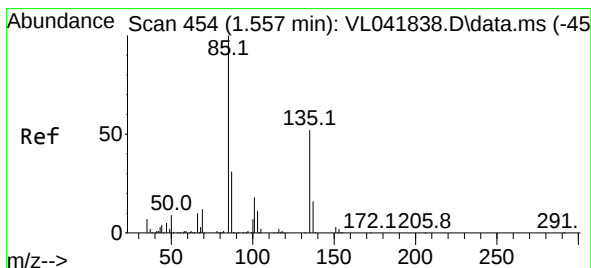
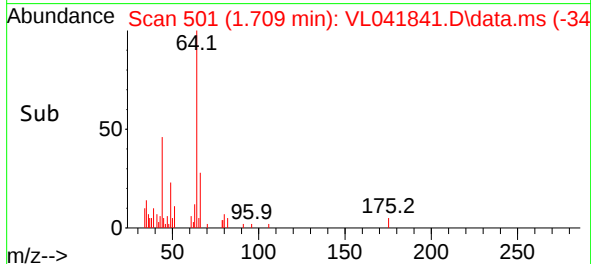
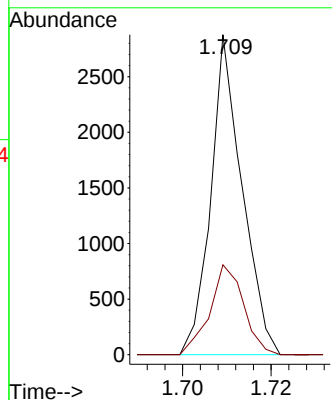
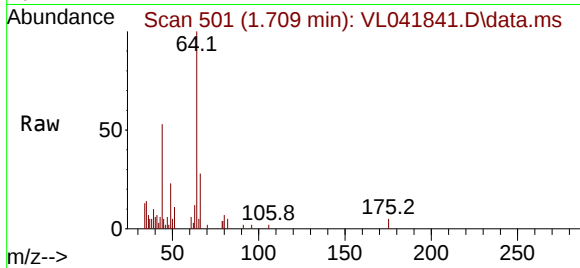




#7
Chloroethane
Concen: 0.598 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

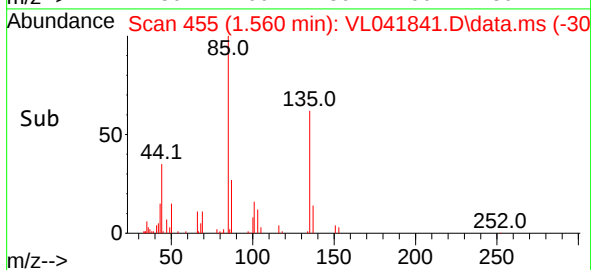
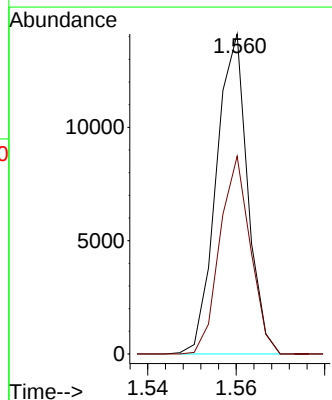
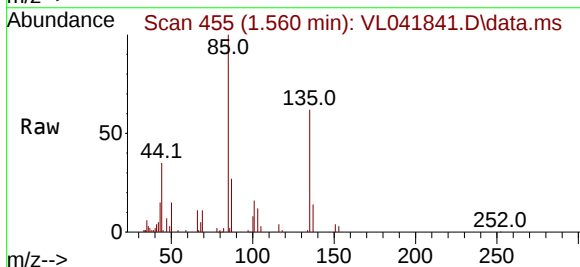
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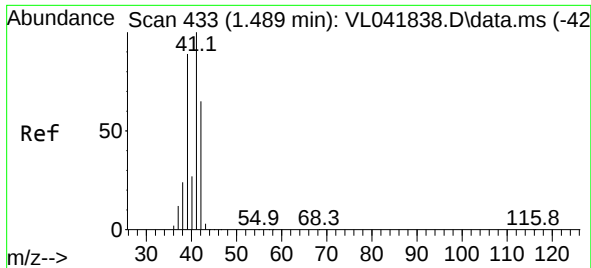
Tgt Ion: 64 Resp: 1413
Ion Ratio Lower Upper
64 100
66 28.1 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 85 Resp: 6936
Ion Ratio Lower Upper
85 100
135 60.4 47.9 71.9

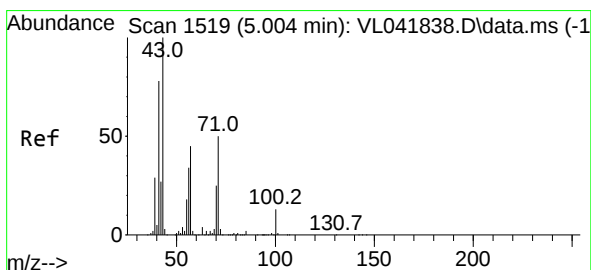
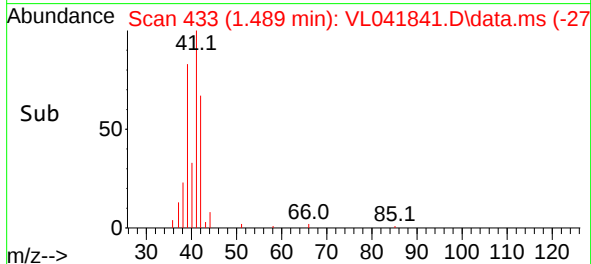
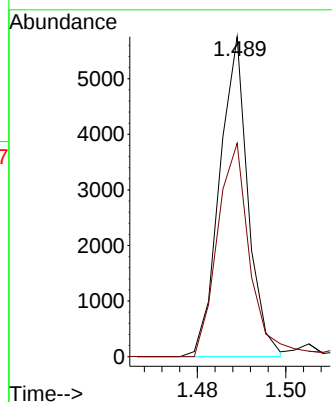
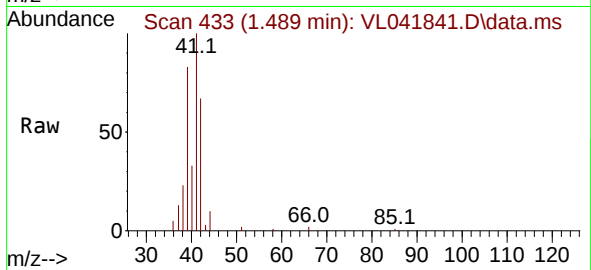




#9
 Propene
 Concen: 0.522 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

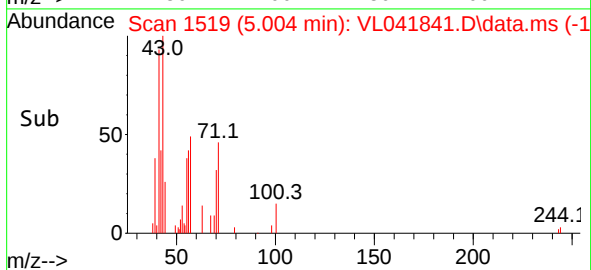
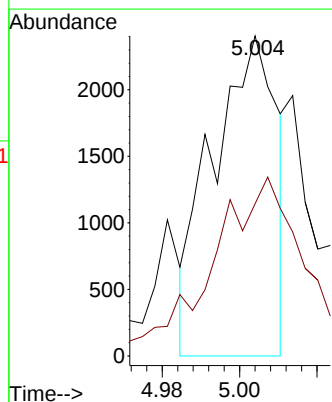
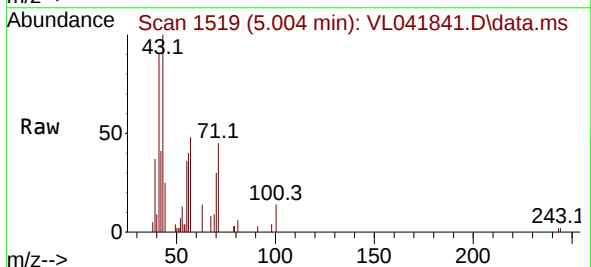
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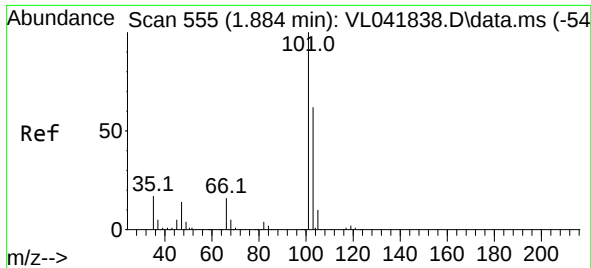
Tgt Ion: 41 Resp: 2570
 Ion Ratio Lower Upper
 41 100
 42 77.9 54.4 81.6



#10
 Heptane
 Concen: 0.229 ppbv
 RT: 5.004 min Scan# 1519
 Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 2789
 Ion Ratio Lower Upper
 43 100
 57 81.4 37.8 56.6#

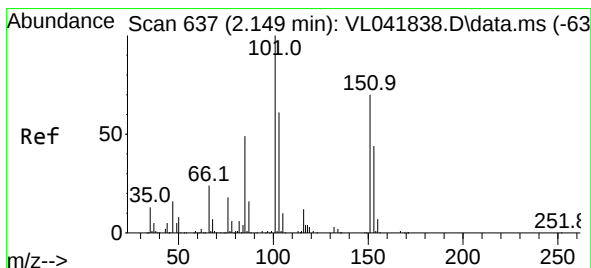
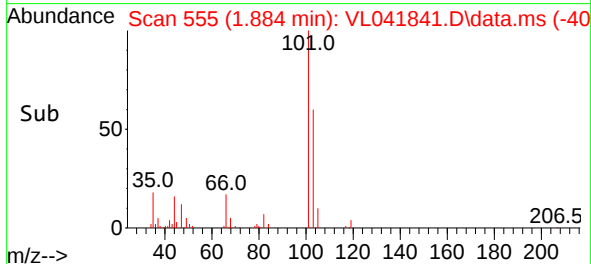
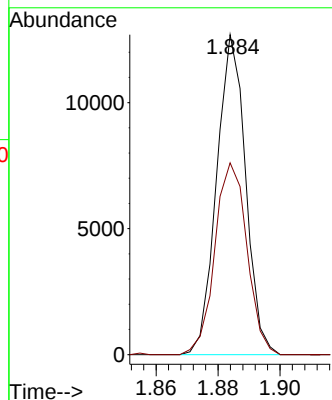
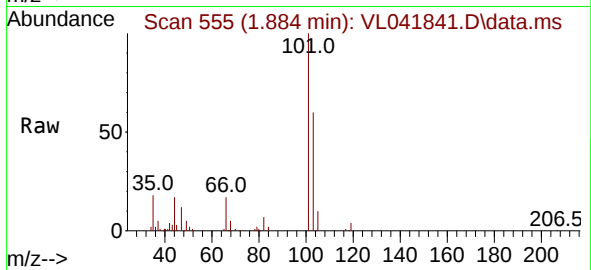




#11
 Trichlorofluoromethane
 Concen: 0.547 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

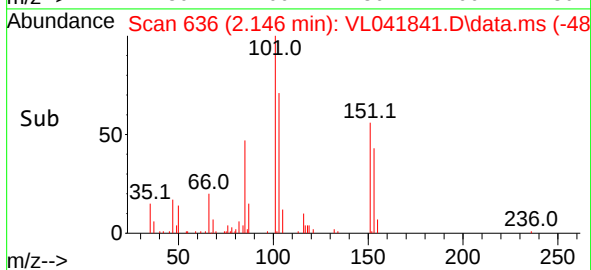
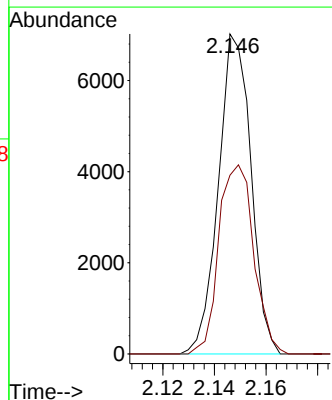
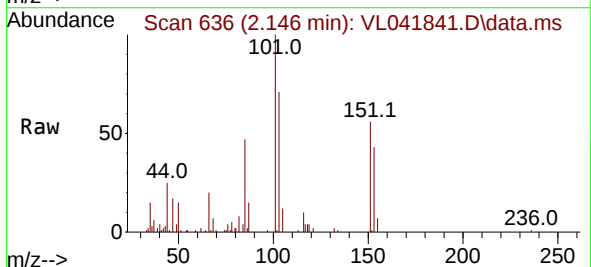
Instrument :
 MSVOA_L
 ClientSampleId :

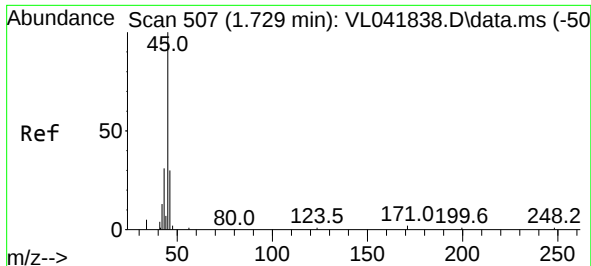
Tgt Ion:101 Resp: 8242
 Ion Ratio Lower Upper
 101 100
 103 60.0 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.549 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion:101 Resp: 6155
 Ion Ratio Lower Upper
 101 100
 151 63.4 53.2 79.8

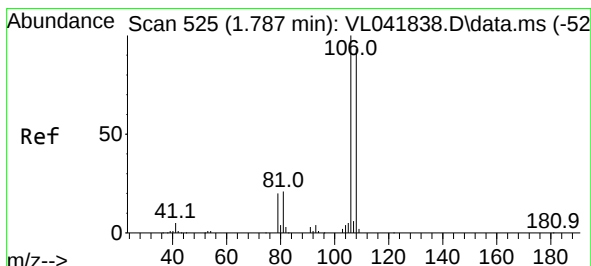
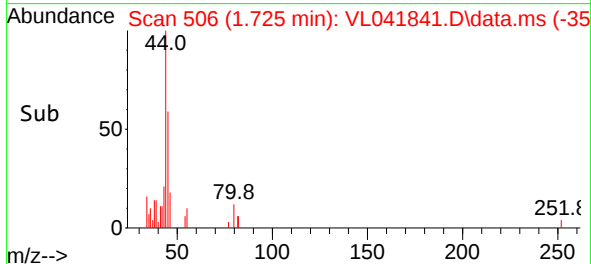
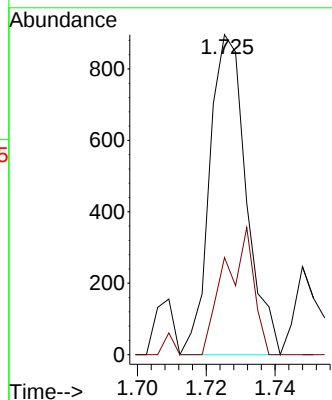
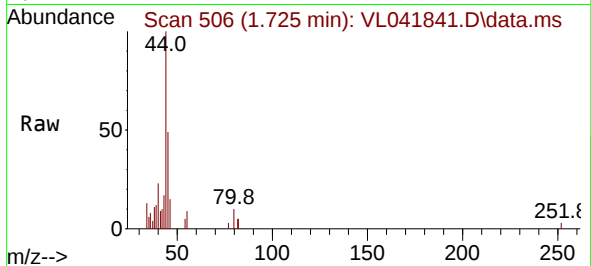




#13
 Ethanol
 Concen: 1.182 ppbv
 RT: 1.725 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

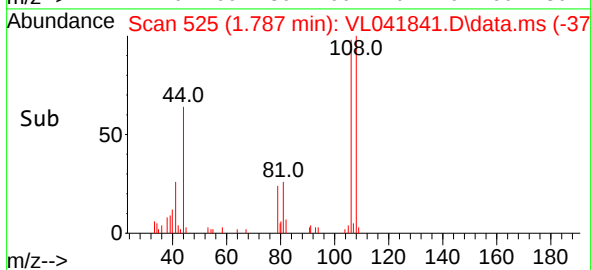
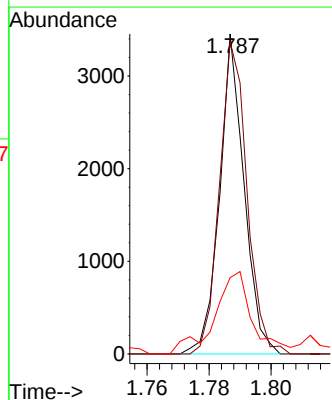
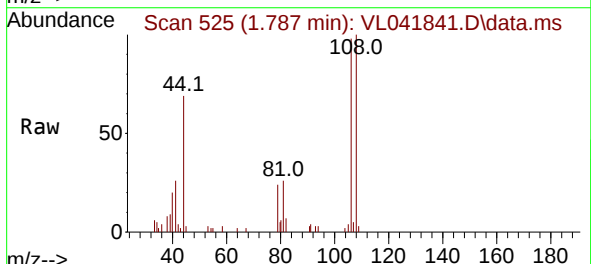
Instrument :
 MSVOA_L
 ClientSampleId :

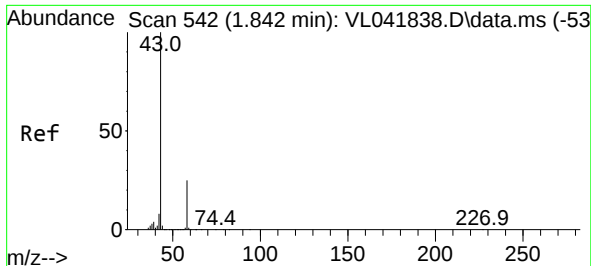
Tgt Ion: 45 Resp: 662
 Ion Ratio Lower Upper
 45 100
 46 33.4 16.1 64.5



#14
 Bromoethene
 Concen: 0.517 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

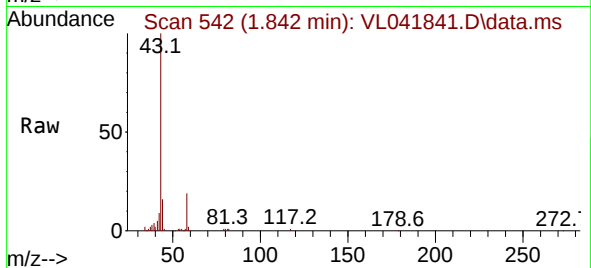
Tgt Ion: 108 Resp: 1897
 Ion Ratio Lower Upper
 108 100
 106 109.0 84.6 126.8
 79 58.5 18.3 27.5#



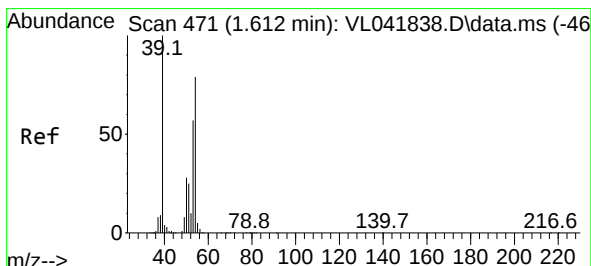
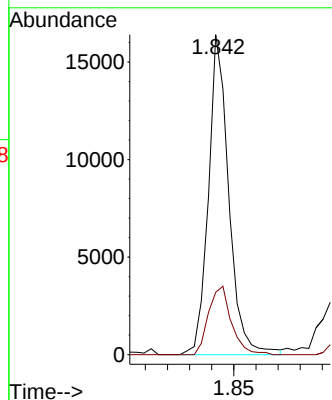
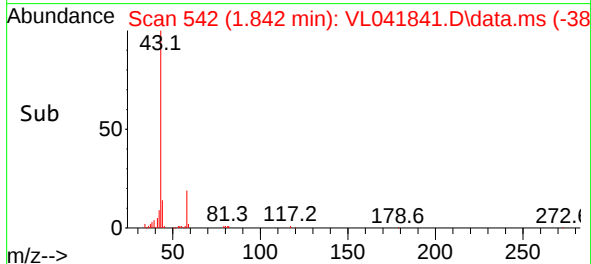


#15
Acetone
Concen: 0.631 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

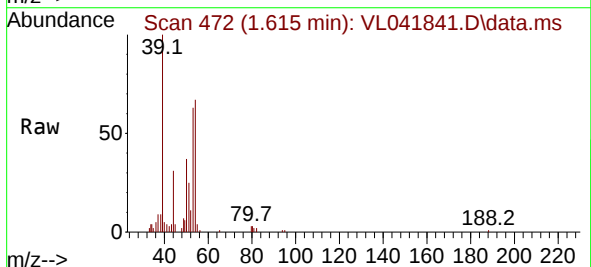
Instrument :
MSVOA_L
ClientSampleId :



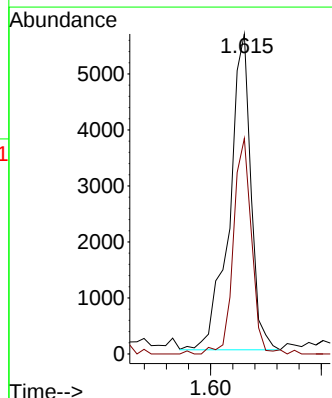
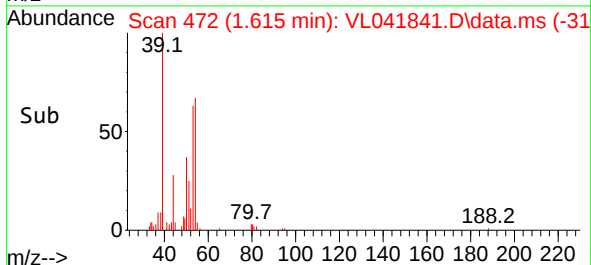
Tgt Ion: 43 Resp: 10484
Ion Ratio Lower Upper
43 100
58 24.0 20.2 30.2

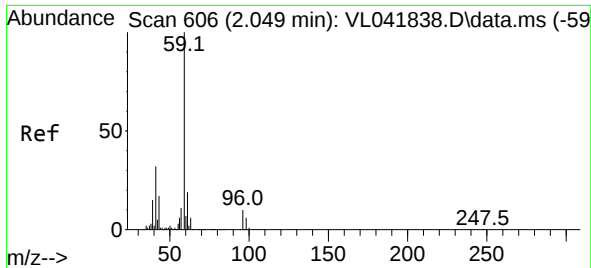


#16
1,3-Butadiene
Concen: 0.583 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52



Tgt Ion: 39 Resp: 3795
Ion Ratio Lower Upper
39 100
54 58.7 56.2 84.4

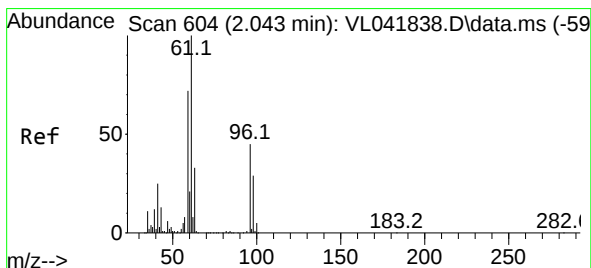
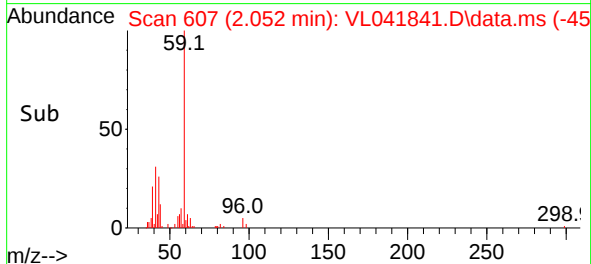
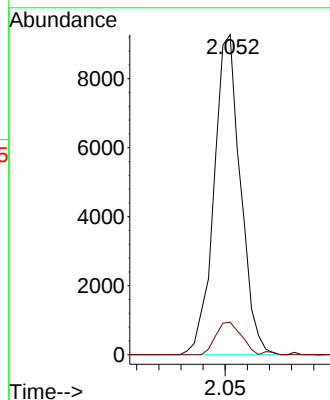
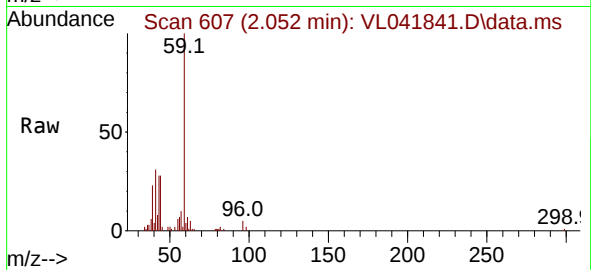




#17
tert-Butyl alcohol
Concen: 0.537 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

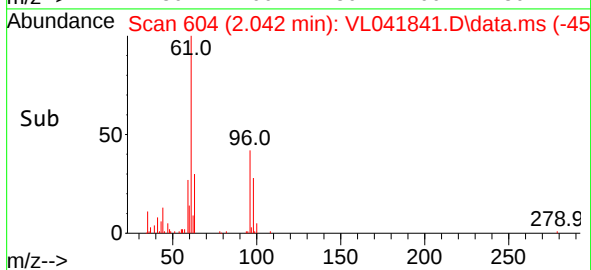
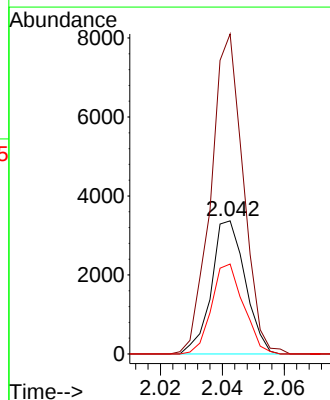
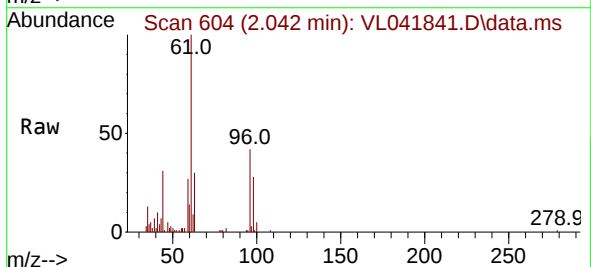
Instrument :
MSVOA_L
ClientSampleId :

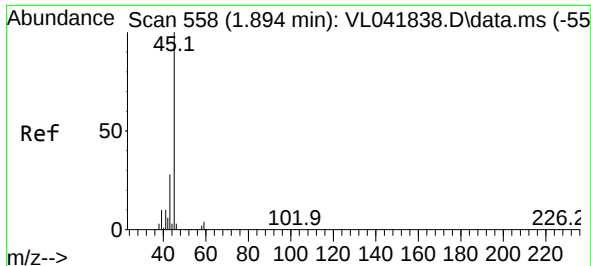
Tgt Ion: 59 Resp: 7735
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0



#18
1,1-Dichloroethene
Concen: 0.544 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 96 Resp: 2555
Ion Ratio Lower Upper
96 100
61 238.8 179.2 268.8
98 67.5 51.6 77.4

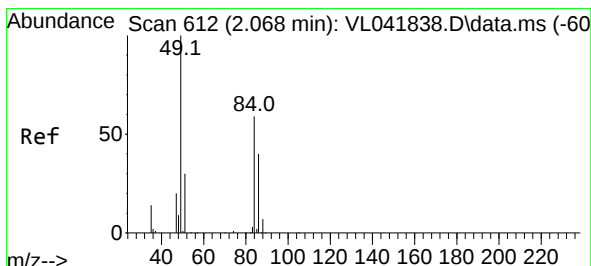
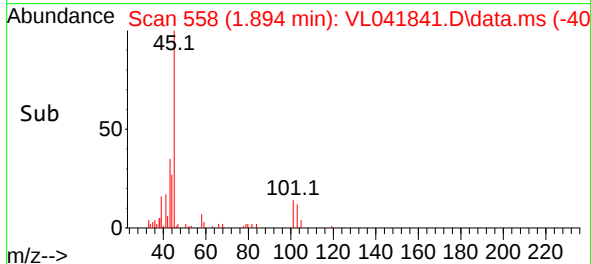
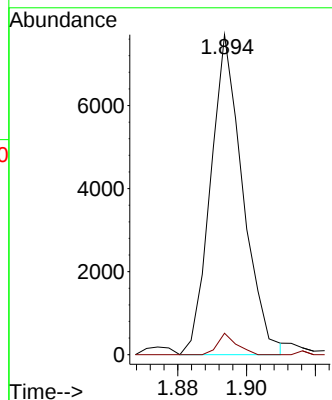
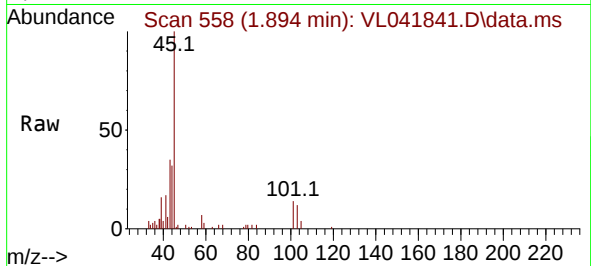




#19
Isopropyl Alcohol
Concen: 0.645 ppbv
RT: 1.894 min Scan# 519
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

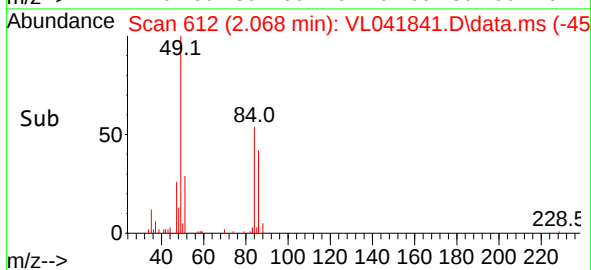
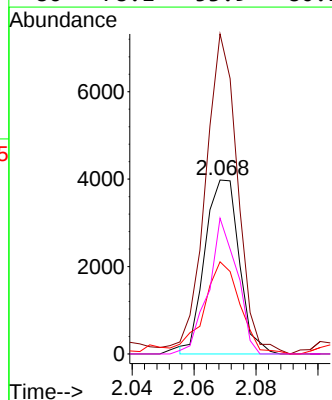
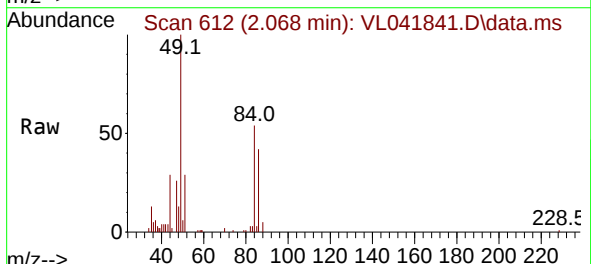
Instrument :
MSVOA_L
ClientSampleId :

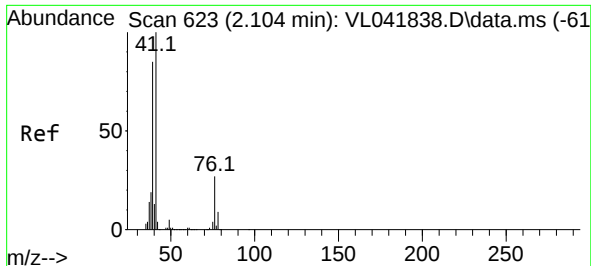
Tgt Ion: 45 Resp: 5026
Ion Ratio Lower Upper
45 100
58 4.3 2.0 3.0#



#20
Methylene Chloride
Concen: 0.643 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

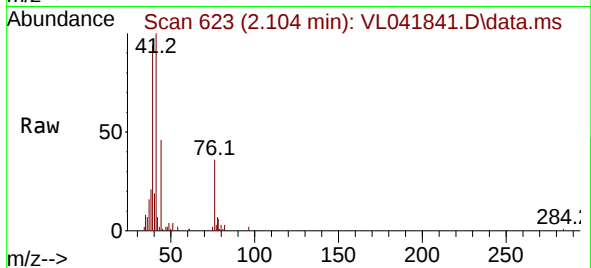
Tgt Ion: 84 Resp: 3053
Ion Ratio Lower Upper
84 100
49 181.7 137.8 206.8
51 51.6 43.9 65.9
86 78.1 53.9 80.9



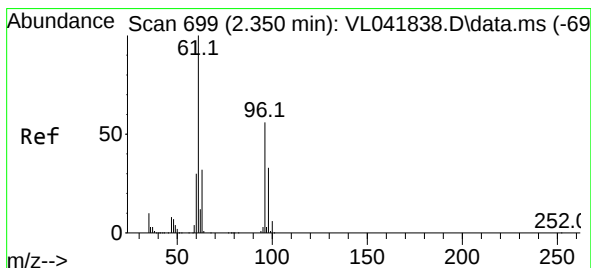
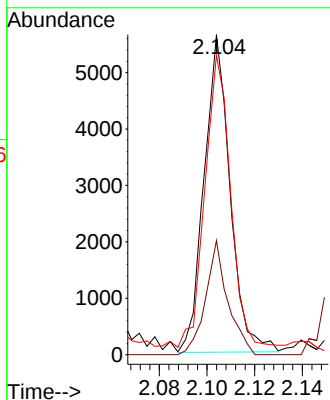
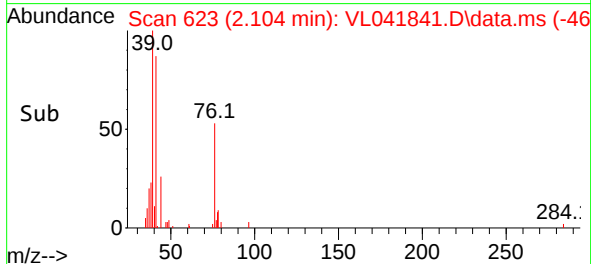


#21
 Allyl Chloride
 Concen: 0.499 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument :
 MSVOA_L
 ClientSampleId :

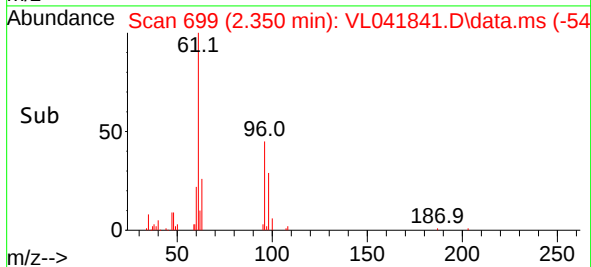
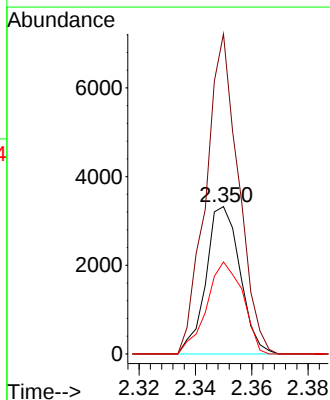
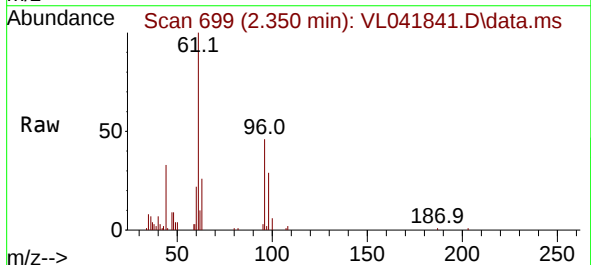


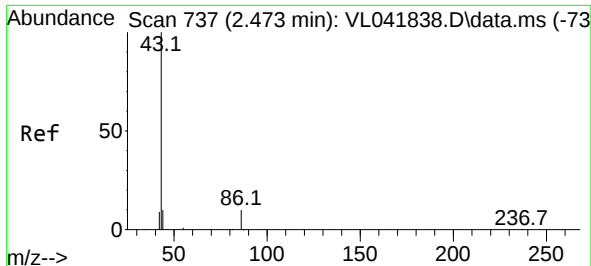
Tgt Ion: 41 Resp: 4272
 Ion Ratio Lower Upper
 41 100
 76 30.8 20.6 31.0
 39 98.2 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.532 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

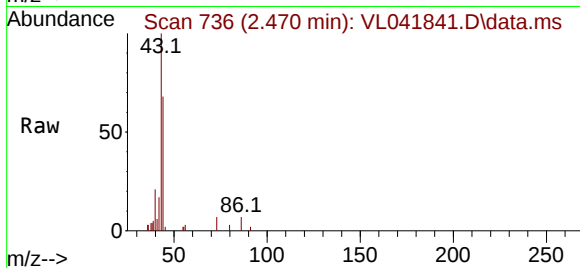
Tgt Ion: 96 Resp: 2791
 Ion Ratio Lower Upper
 96 100
 61 217.1 144.0 216.0#
 98 62.4 46.9 70.3



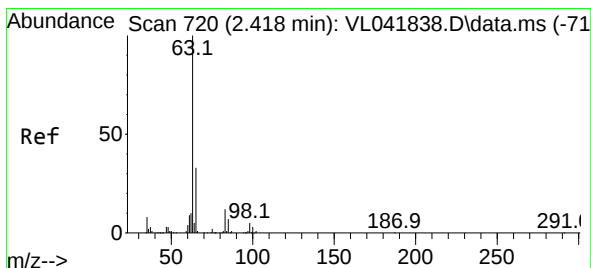
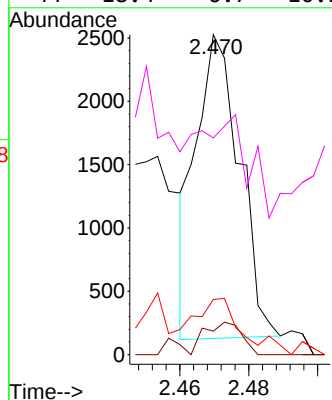
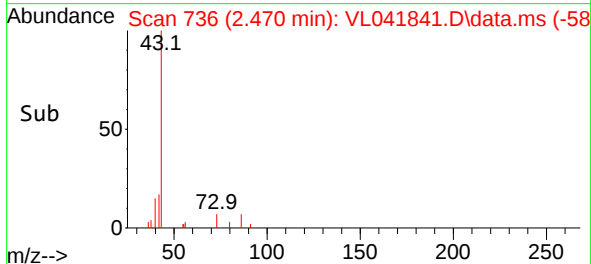


#23
 Vinyl Acetate
 Concen: 0.395 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument :
 MSVOA_L
 ClientSampleId :

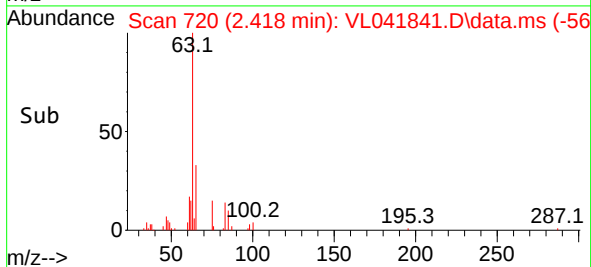
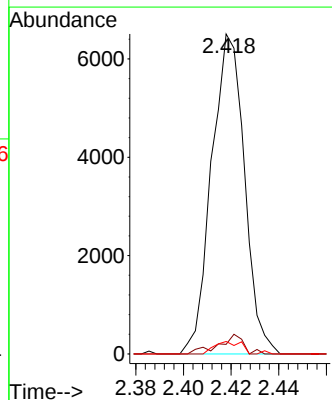
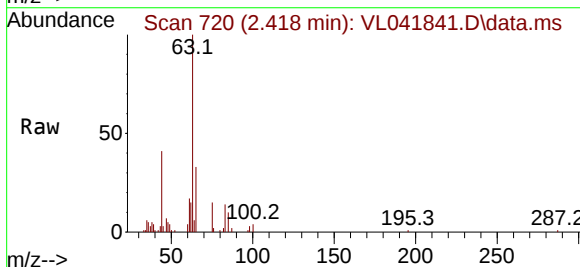


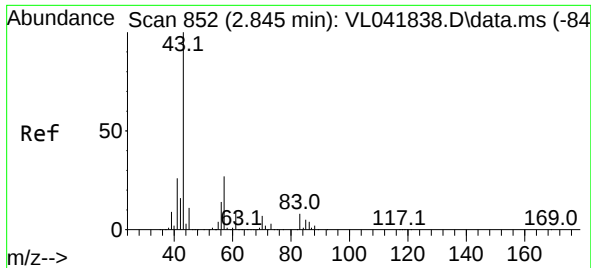
Tgt Ion:	43	Resp:	2104
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.4	9.6
42	10.0	9.5	14.3
44	18.4	6.7	10.1



#24
 1,1-Dichloroethane
 Concen: 0.544 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion:	63	Resp:	6246
Ion	Ratio	Lower	Upper
63	100		
98	3.0	2.3	6.9
100	3.9	1.4	4.0



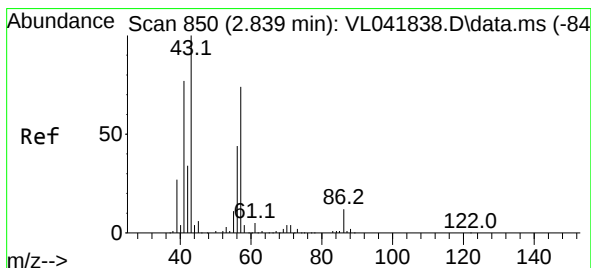
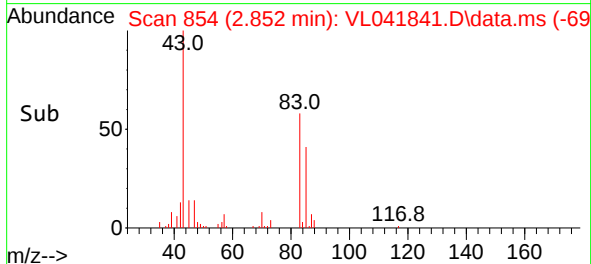
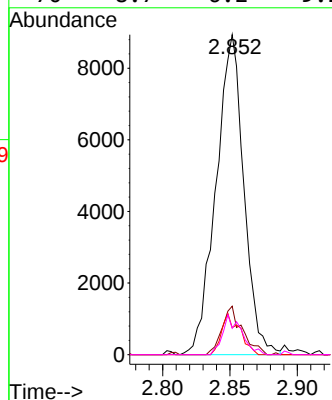
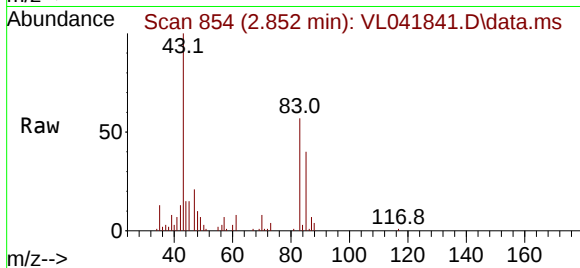


#25
Ethyl Acetate
Concen: 0.461 ppbv
RT: 2.852 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 12851

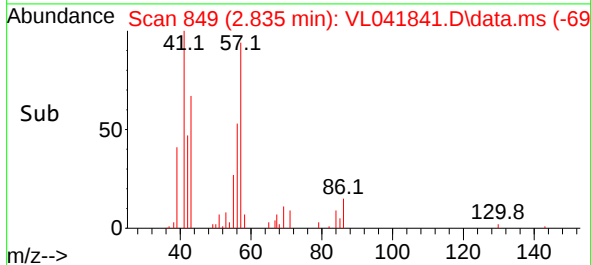
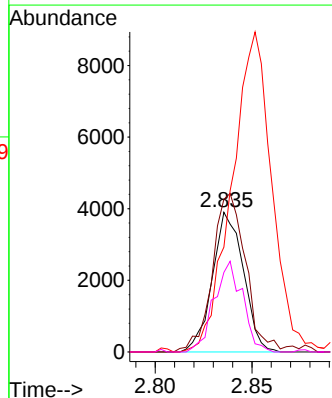
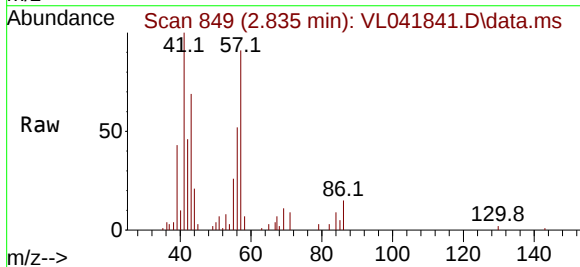
Ion	Ratio	Lower	Upper
43	100		
45	11.2	7.8	11.8
61	8.3	7.0	10.6
70	8.7	6.2	9.2

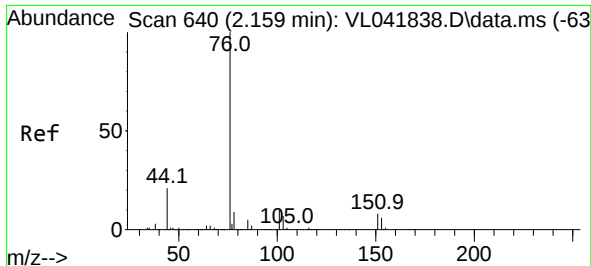


#26
Hexane
Concen: 0.450 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 57 Resp: 4350

Ion	Ratio	Lower	Upper
57	100		
41	123.6	84.1	126.1
43	300.7	218.4	327.6
56	59.9	45.7	68.5





#27

Carbon Disulfide

Concen: 0.470 ppbv

RT: 2.159 min Scan# 640

Delta R.T. -0.000 min

Lab File: VL041841.D

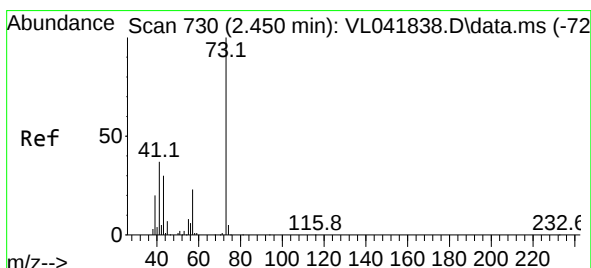
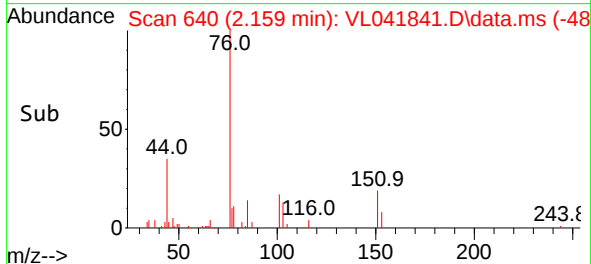
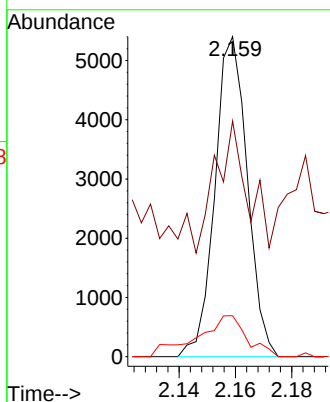
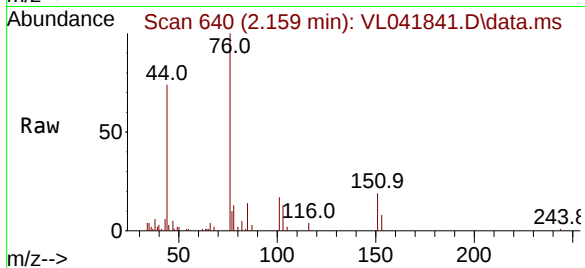
Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 4312
Ion Ratio	Lower Upper
76	100
44	145.3 19.8 29.8#
78	19.9 9.8 14.8#



#28

Methyl tert-Butyl Ether

Concen: 0.565 ppbv

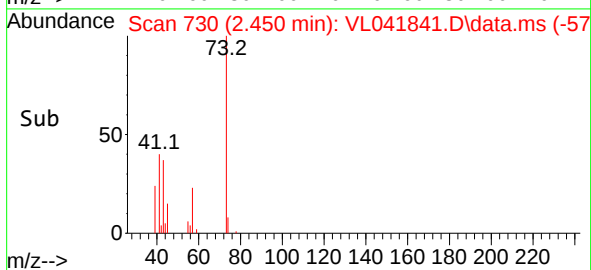
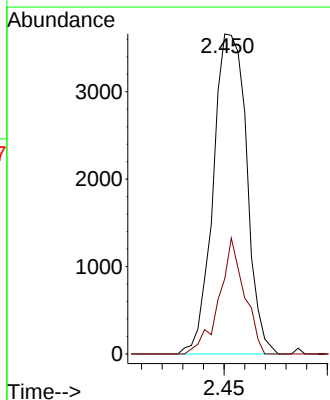
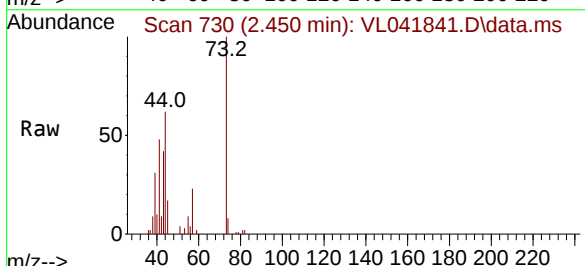
RT: 2.450 min Scan# 730

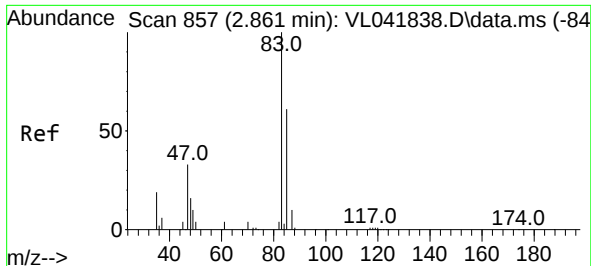
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion: 73	Resp: 4116
Ion Ratio	Lower Upper
73	100
57	27.3 18.4 27.6





#29

Chloroform

Concen: 0.550 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

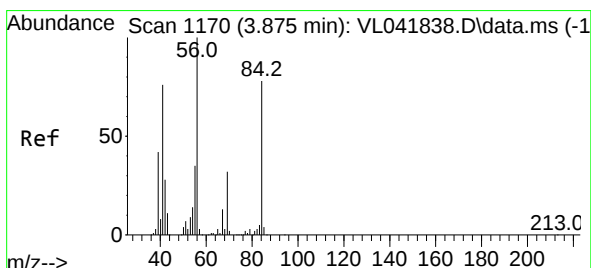
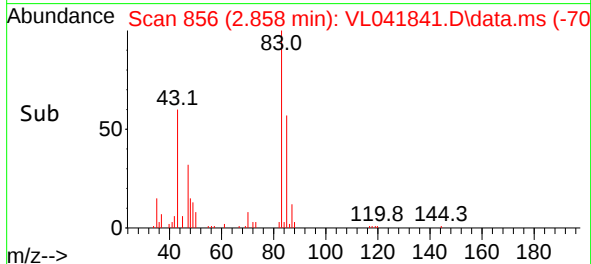
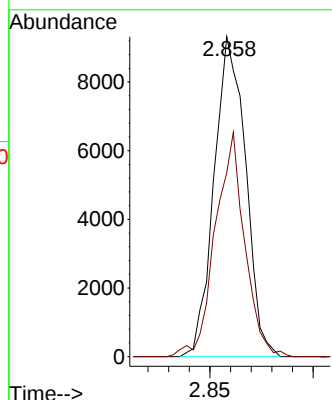
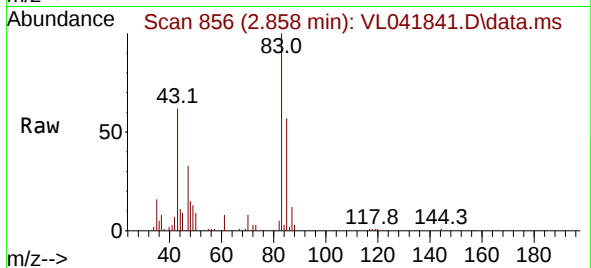
ClientSampleId :

Tgt Ion: 83 Resp: 9887

Ion Ratio Lower Upper

83 100

85 55.8 49.6 74.4



#30

Cyclohexane

Concen: 0.172 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

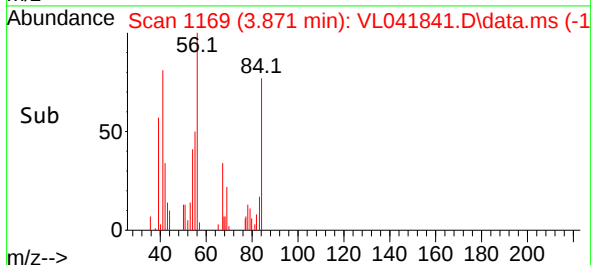
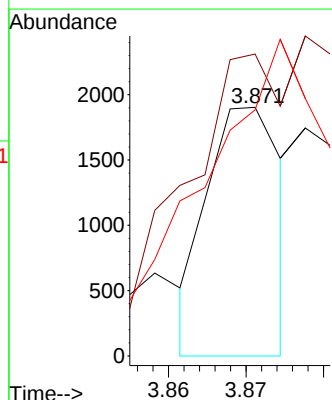
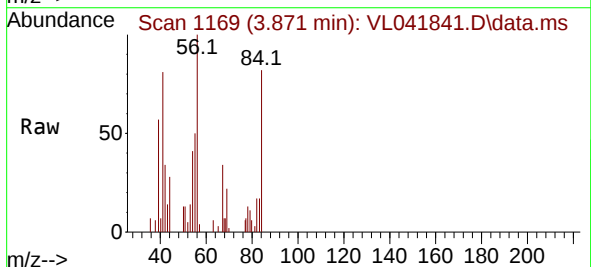
Tgt Ion: 84 Resp: 1262

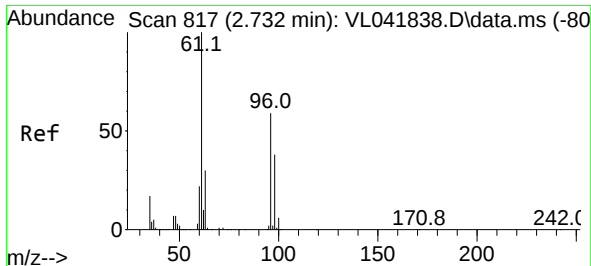
Ion Ratio Lower Upper

84 100

56 0.0 105.0 157.6#

41 271.8 78.9 118.3#

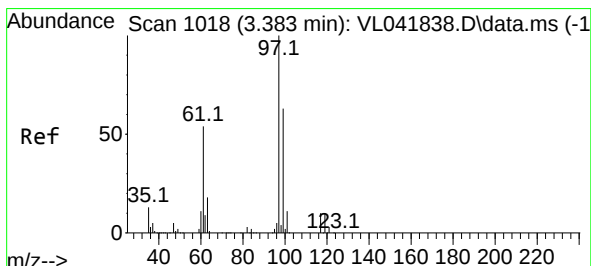
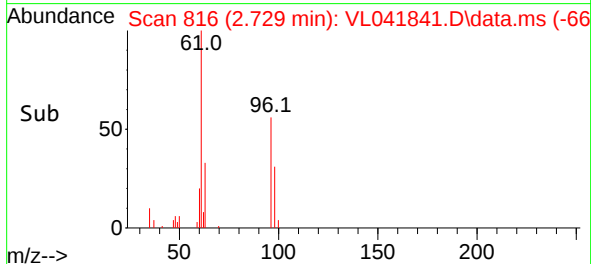
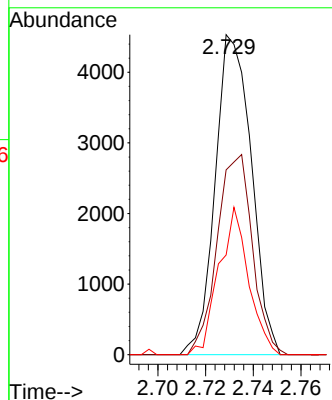
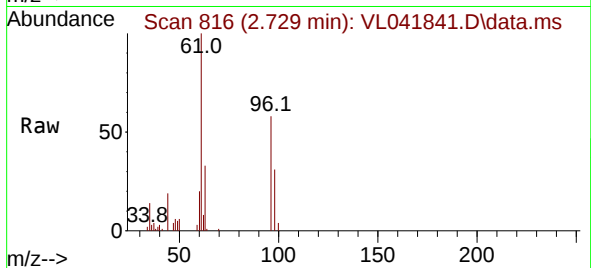




#31
 cis-1,2-Dichloroethene
 Concen: 0.480 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

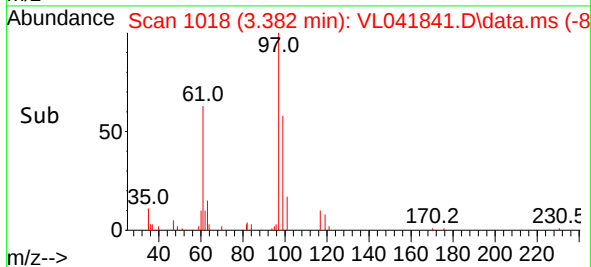
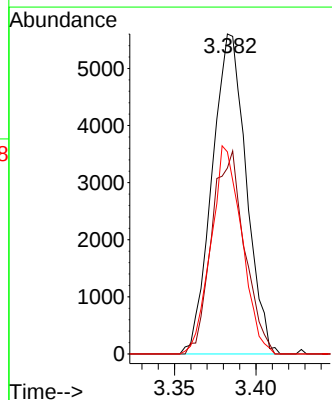
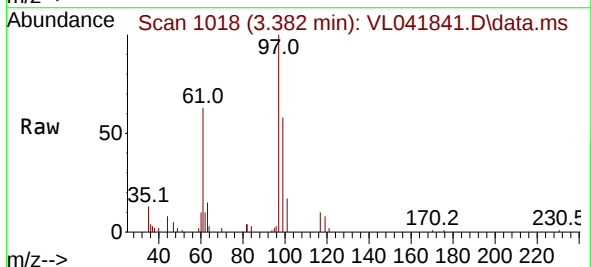
Instrument :
 MSVOA_L
 ClientSampleId :

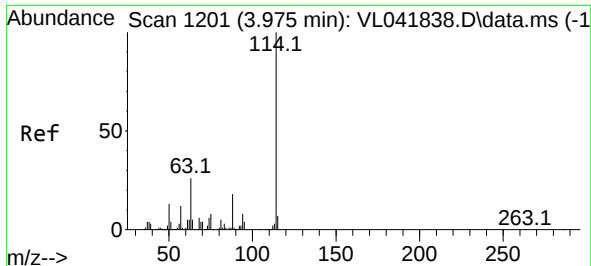
Tgt Ion: 61 Resp: 4773
 Ion Ratio Lower Upper
 61 100
 96 57.8 47.6 71.4
 98 31.2 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 0.501 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 97 Resp: 8151
 Ion Ratio Lower Upper
 97 100
 99 61.2 50.6 76.0
 61 58.8 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

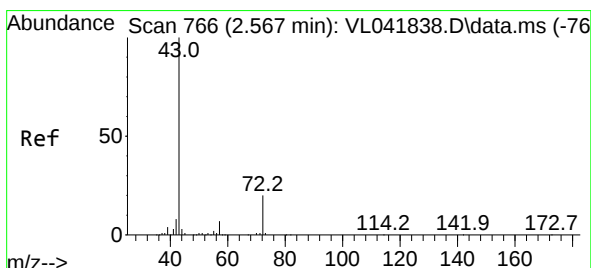
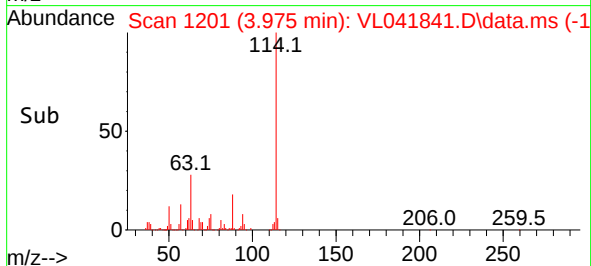
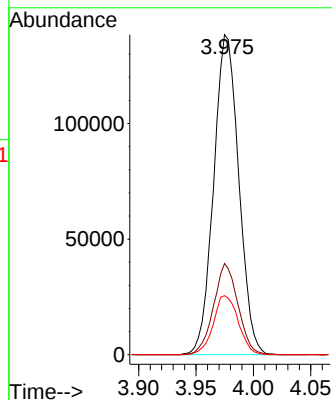
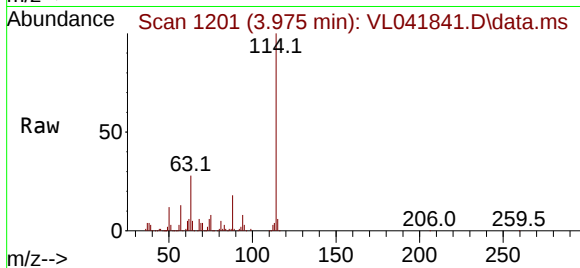
Tgt Ion:114 Resp: 210692

Ion Ratio Lower Upper

114 100

63 27.7 22.3 33.5

88 18.4 14.9 22.3



#34

2-Butanone

Concen: 0.521 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL041841.D

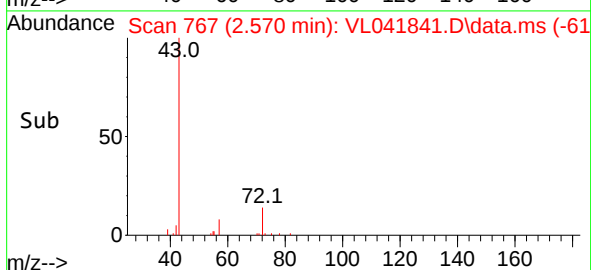
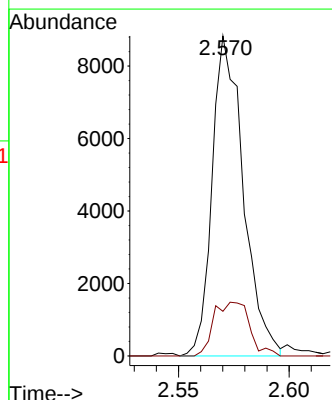
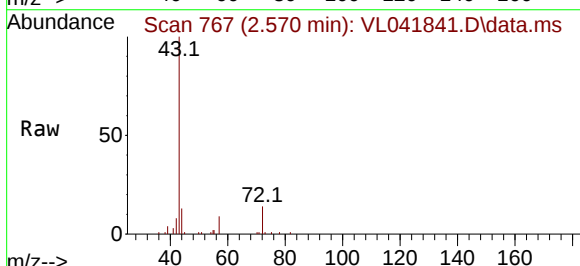
Acq: 07 Jan 2025 10:52

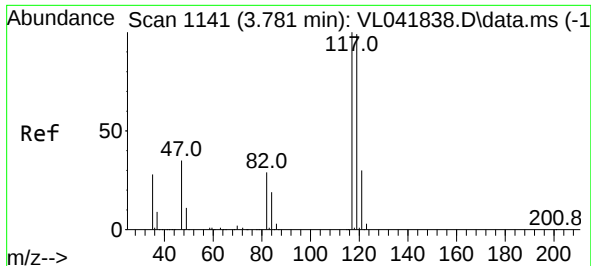
Tgt Ion: 43 Resp: 8647

Ion Ratio Lower Upper

43 100

72 19.3 16.6 25.0

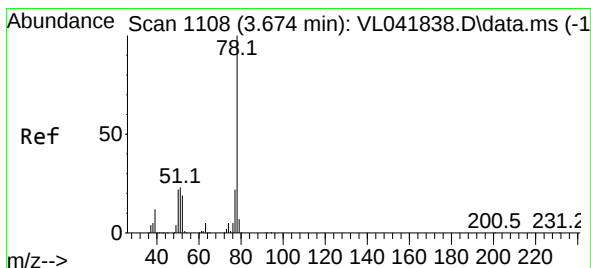
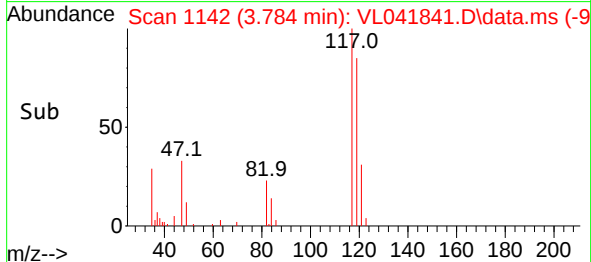
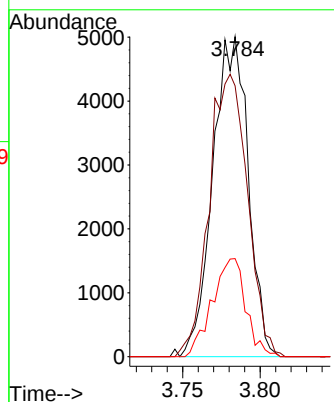
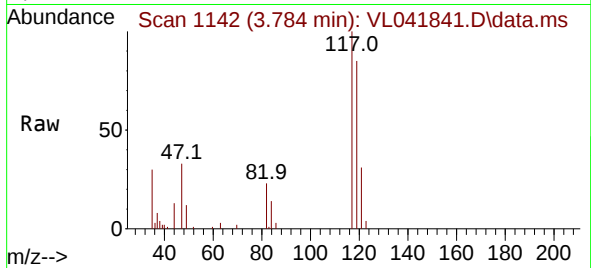




#35
Carbon Tetrachloride
Concen: 0.500 ppbv
RT: 3.784 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

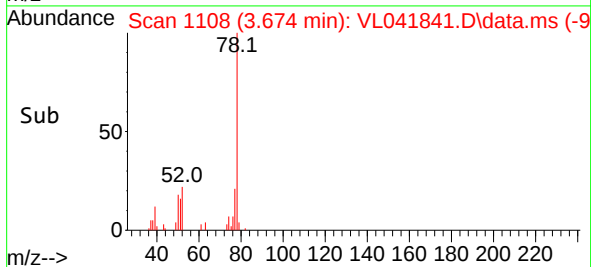
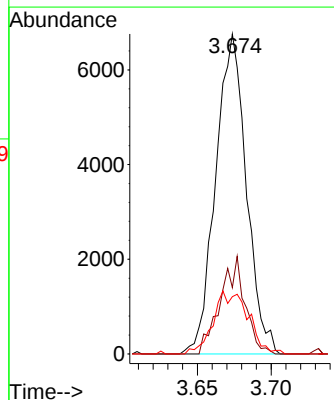
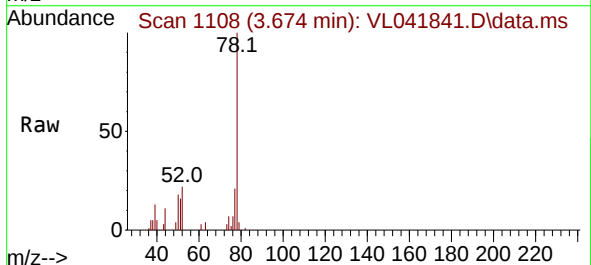
Instrument :
MSVOA_L
ClientSampleId :

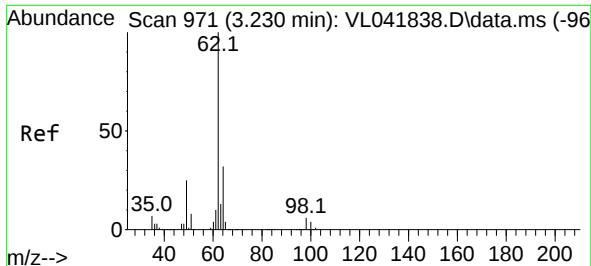
Tgt Ion:117 Resp: 7956
Ion Ratio Lower Upper
117 100
119 83.5 79.1 118.7
121 30.6 24.2 36.2



#36
Benzene
Concen: 0.487 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 78 Resp: 9795
Ion Ratio Lower Upper
78 100
77 20.7 17.4 26.0
50 17.9 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.523 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

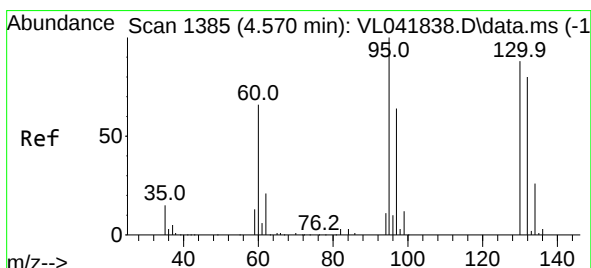
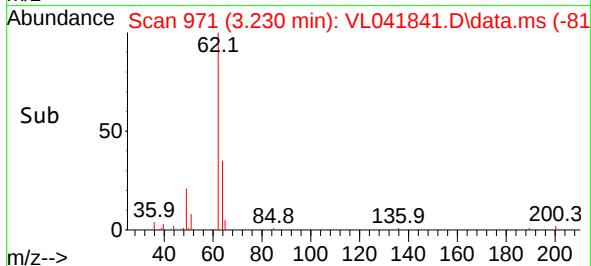
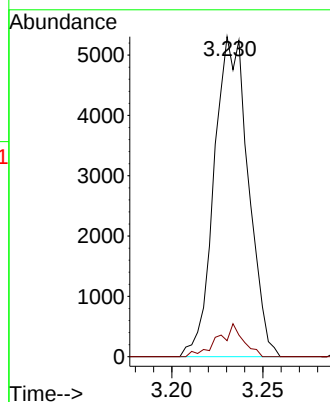
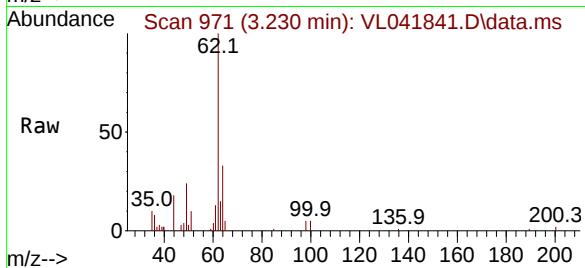
ClientSampleId :

Tgt Ion: 62 Resp: 6918

Ion Ratio Lower Upper

62 100

98 7.6 4.8 7.2#



#38

Trichloroethene

Concen: 0.477 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:130 Resp: 3763

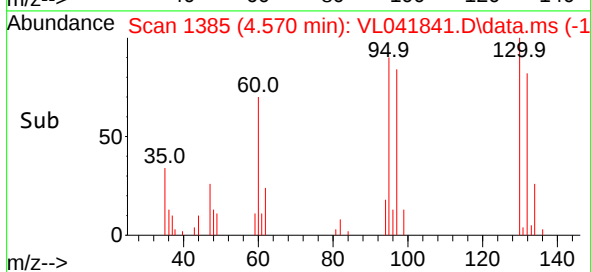
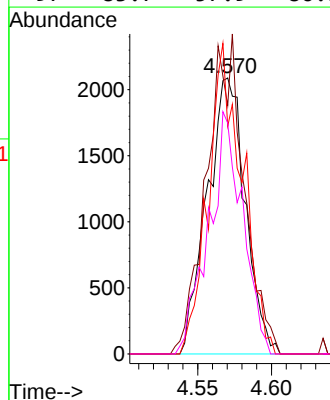
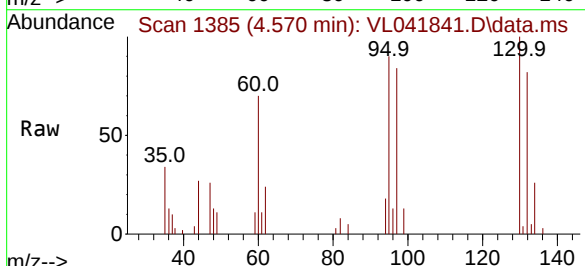
Ion Ratio Lower Upper

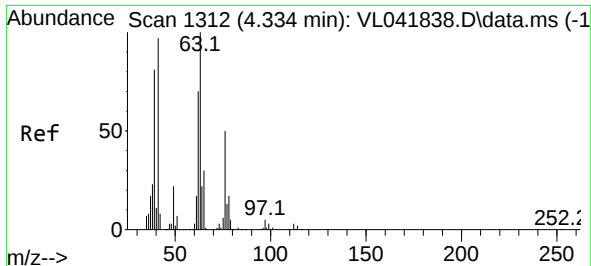
130 100

95 90.0 90.1 135.1#

132 82.5 71.8 107.8

97 83.7 57.9 86.9





#39

1,2-Dichloropropane

Concen: 0.524 ppbv

RT: 4.331 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

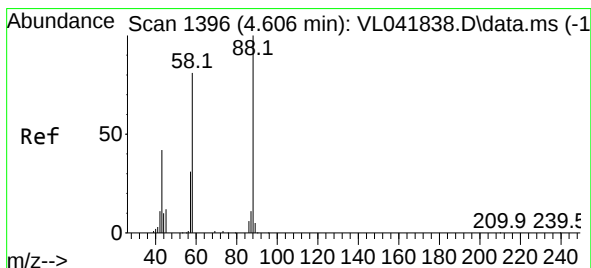
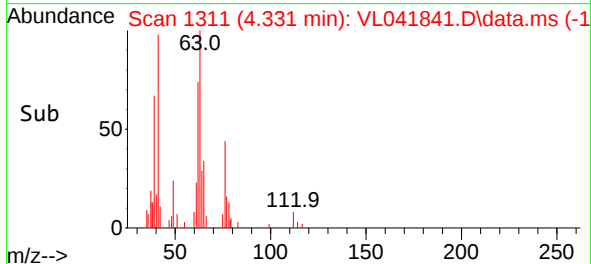
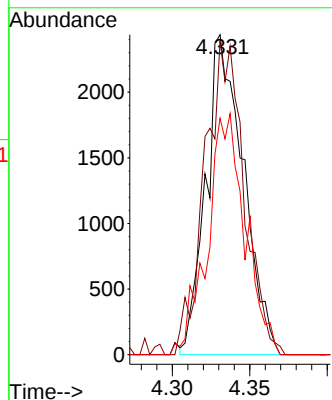
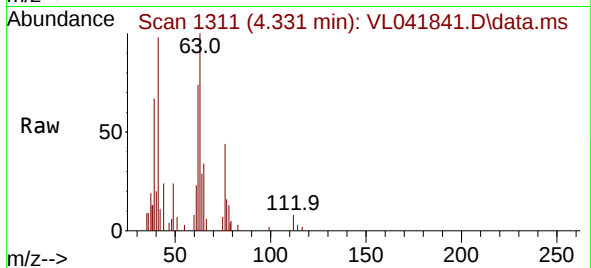
Tgt Ion: 63 Resp: 4076

Ion Ratio Lower Upper

63 100

41 95.5 77.7 116.5

62 73.9 56.2 84.2



#40

1,4-Dioxane

Concen: 0.071 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion: 88 Resp: 213

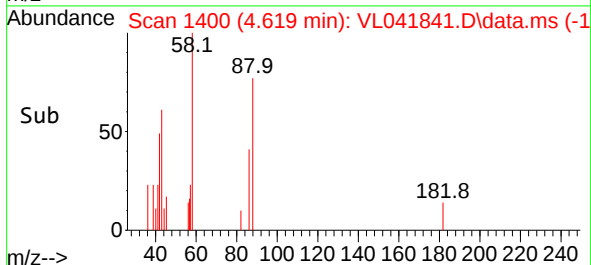
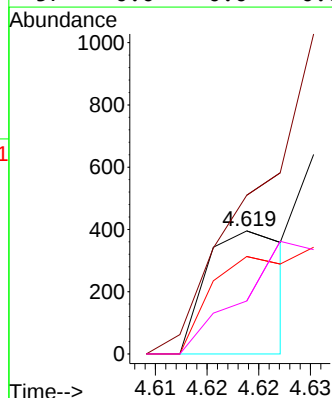
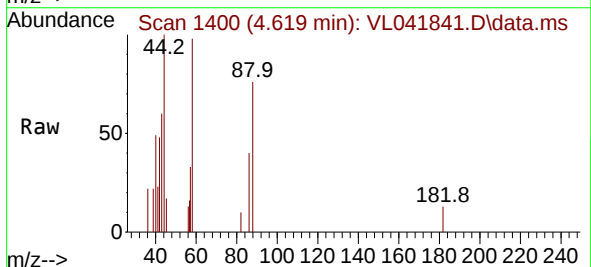
Ion Ratio Lower Upper

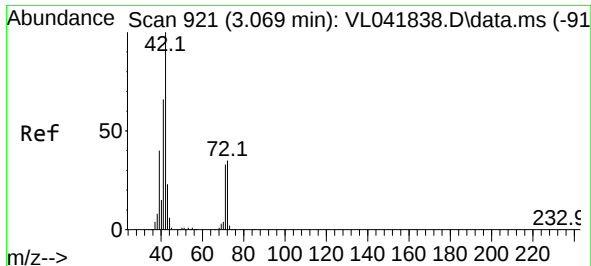
88 100

58 0.0 65.1 97.7#

43 0.0 32.1 48.1#

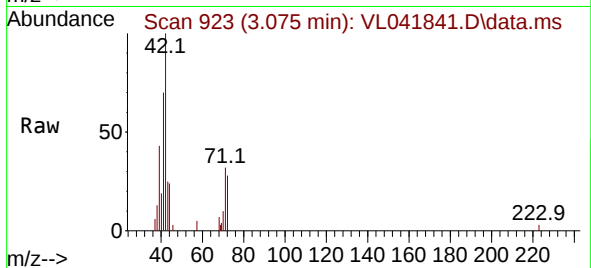
57 0.0 0.0 0.0



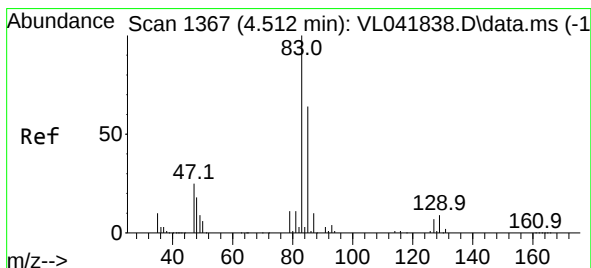
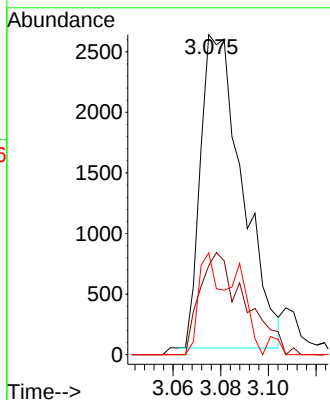
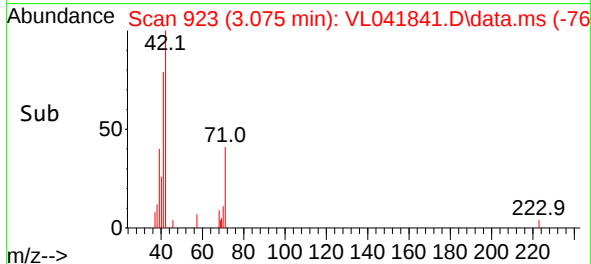


#41
Tetrahydrofuran
Concen: 0.403 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :

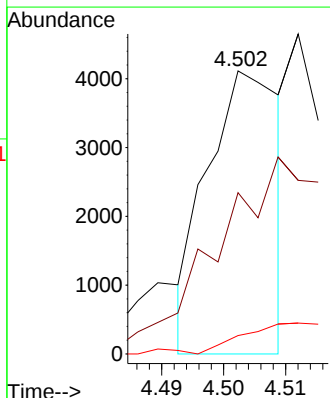
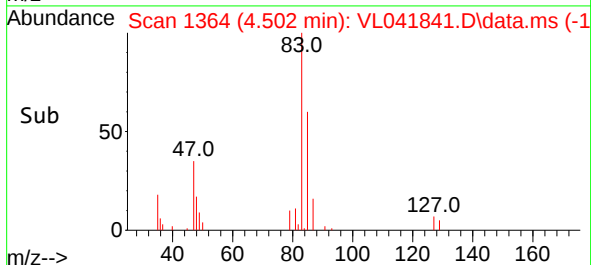
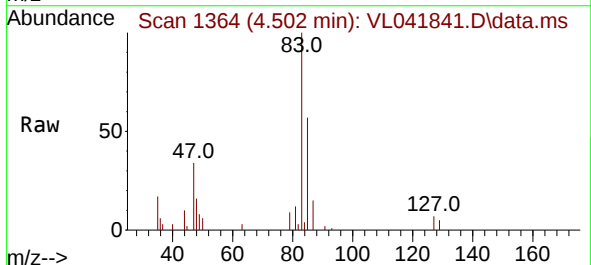


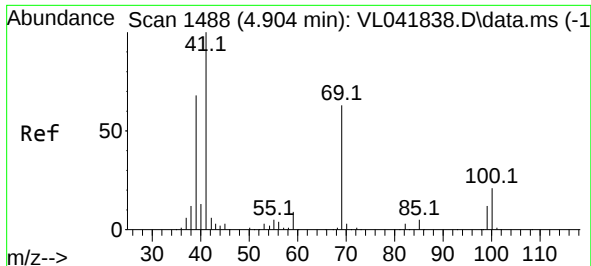
Tgt Ion:	42	Resp:	3154
Ion	Ratio	Lower	Upper
42	100		
72	35.5	27.9	41.9
71	30.4	26.5	39.7



#42
Bromodichloromethane
Concen: 0.216 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:	83	Resp:	3346
Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.3	76.9
127	7.0	5.6	8.4

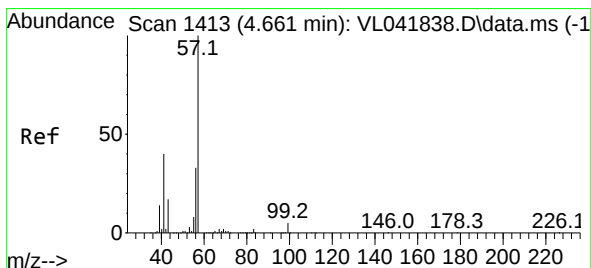
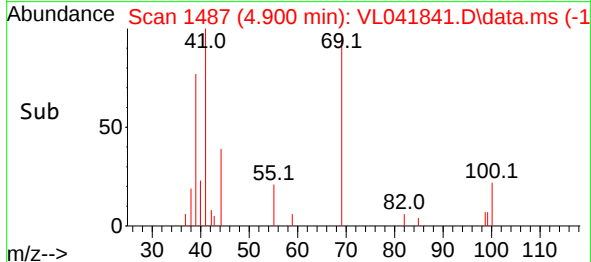
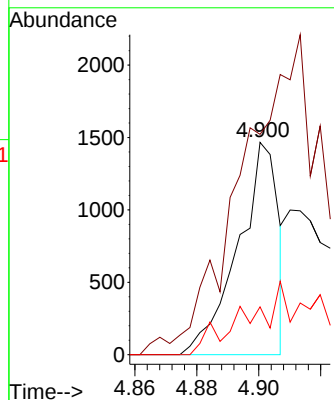
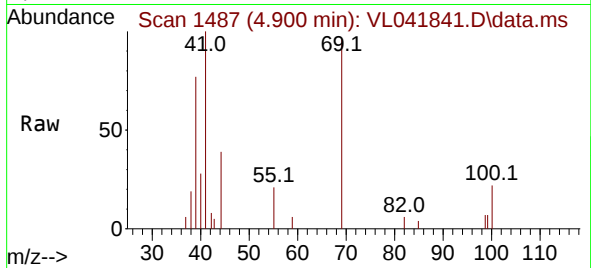




#43
Methyl Methacrylate
Concen: 0.209 ppbv
RT: 4.900 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

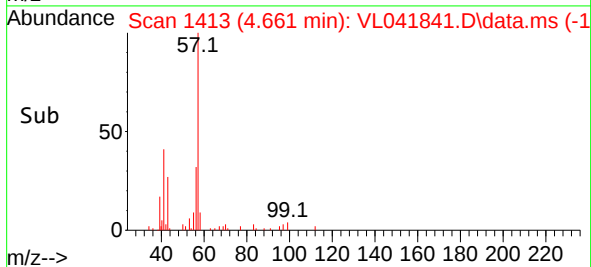
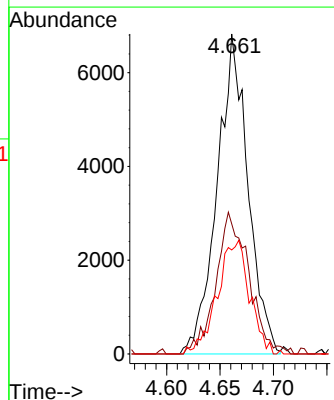
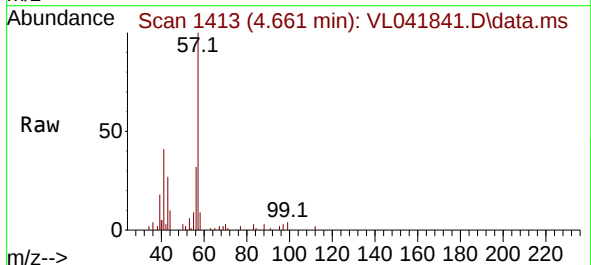
Instrument :
MSVOA_L
ClientSampleId :

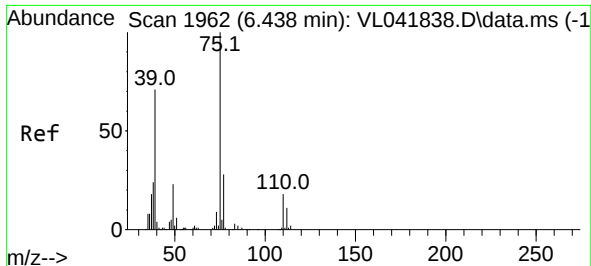
Tgt Ion: 69 Resp: 1320
Ion Ratio Lower Upper
69 100
41 0.0 132.3 198.5#
100 0.0 28.2 42.4#



#44
2,2,4-Trimethylpentane
Concen: 0.413 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 57 Resp: 13710
Ion Ratio Lower Upper
57 100
41 47.8 31.4 47.2#
56 37.3 26.6 39.8

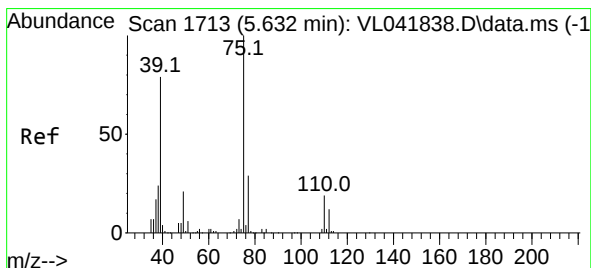
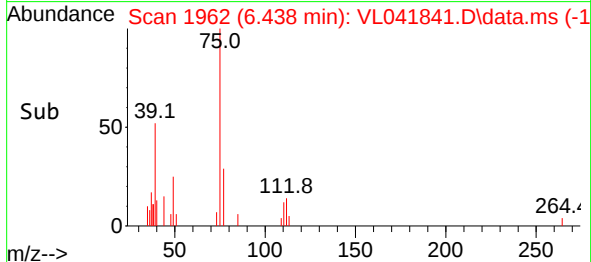
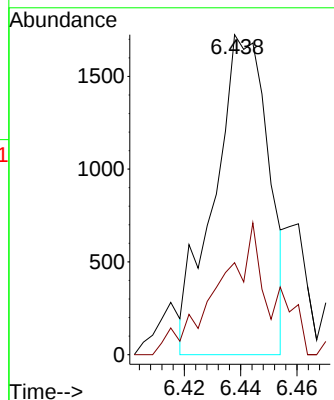
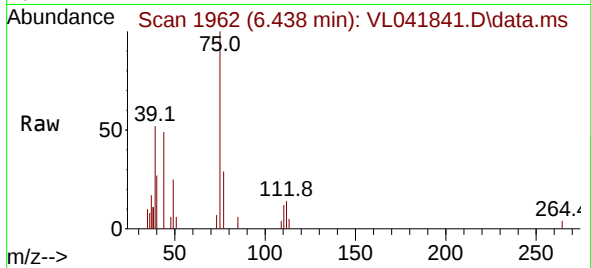




#45
 t-1,3-Dichloropropene
 Concen: 0.374 ppbv
 RT: 6.438 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

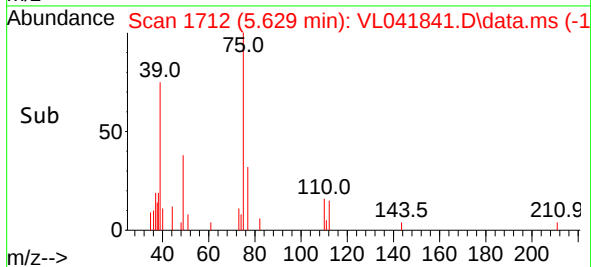
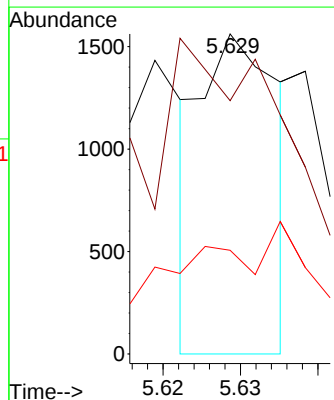
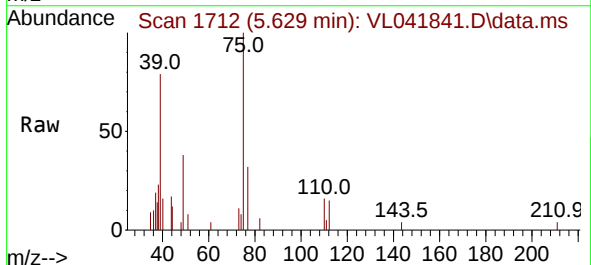
Instrument :
 MSVOA_L
 ClientSampleId :

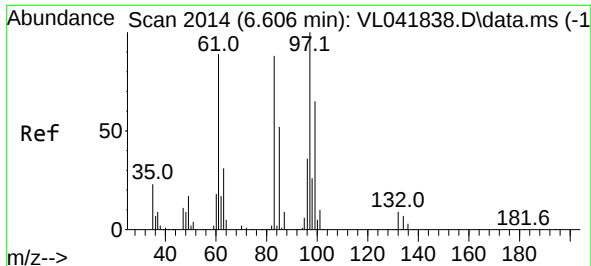
Tgt Ion: 75 Resp: 2305
 Ion Ratio Lower Upper
 75 100
 77 28.8 22.2 33.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.133 ppbv
 RT: 5.629 min Scan# 1712
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 75 Resp: 1076
 Ion Ratio Lower Upper
 75 100
 39 21.6 63.3 94.9#
 77 35.3 23.5 35.3#

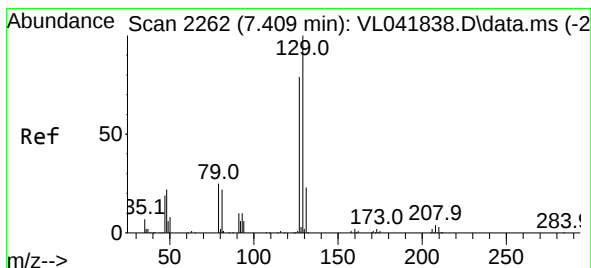
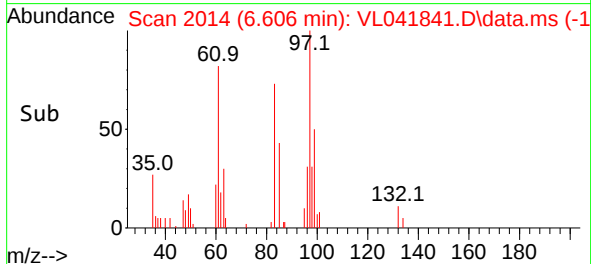
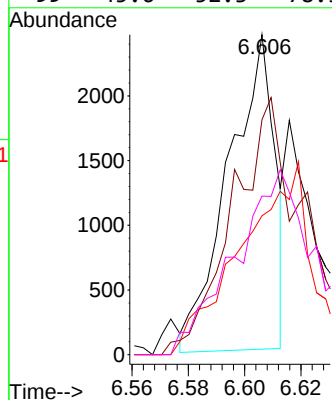
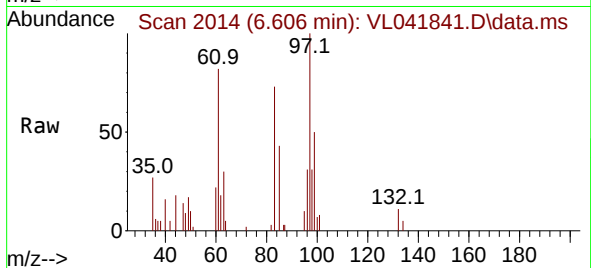




#47
1,1,2-Trichloroethane
Concen: 0.337 ppbv
RT: 6.606 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

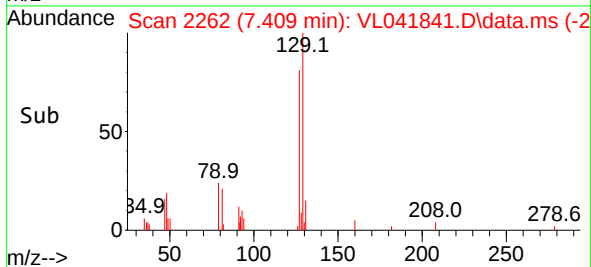
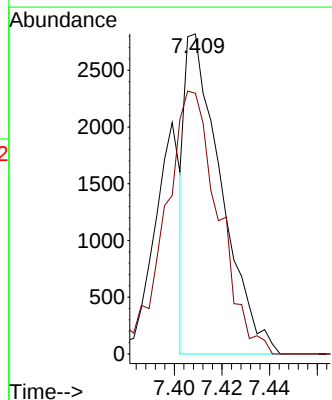
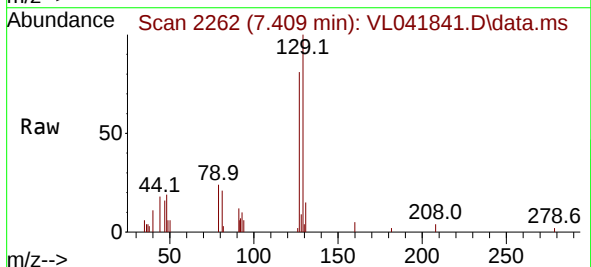
Instrument :
MSVOA_L
ClientSampleId :

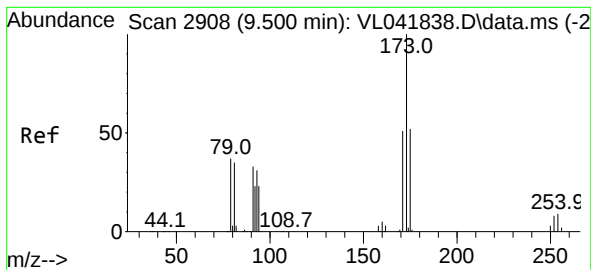
Tgt Ion: 97 Resp: 2774
Ion Ratio Lower Upper
97 100
83 73.8 70.3 105.5
85 42.1 41.5 62.3
99 45.6 52.3 78.5#



#48
Dibromochloromethane
Concen: 0.283 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 129 Resp: 2963
Ion Ratio Lower Upper
129 100
127 122.0 38.7 116.1#





#49

Bromoform

Concen: 0.433 ppbv

RT: 9.496 min Scan# 2908

Delta R.T. -0.003 min

Lab File: VL041841.D

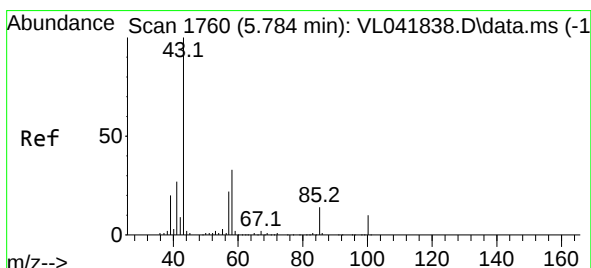
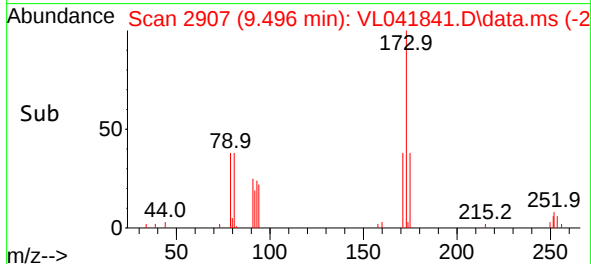
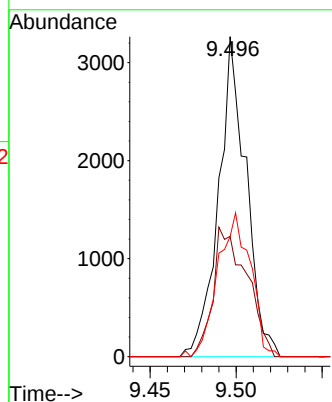
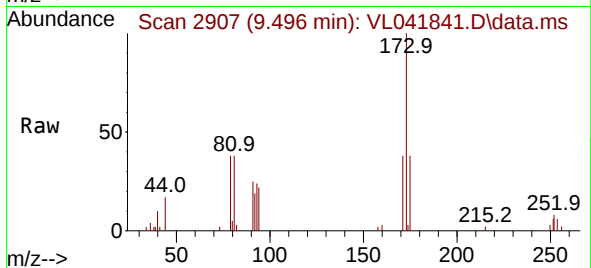
Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	3639
Ion	Ratio	Lower Upper
173	100	
175	49.4	39.5 59.3
171	53.3	41.5 62.3



#50

4-Methyl-2-Pentanone

Concen: 0.088 ppbv

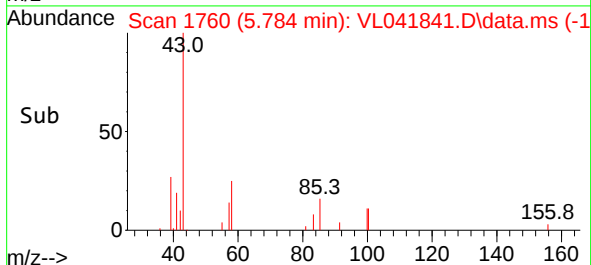
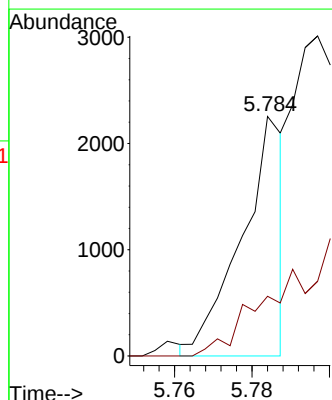
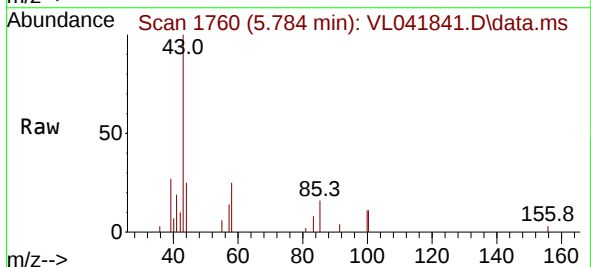
RT: 5.784 min Scan# 1760

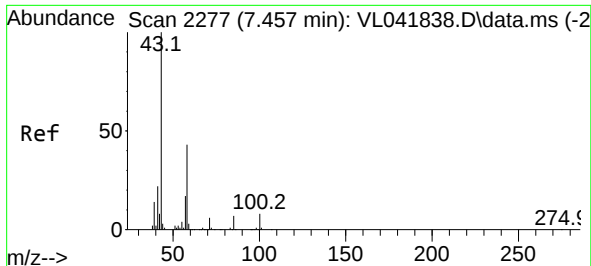
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion: 43	Resp:	1689
Ion	Ratio	Lower Upper
43	100	
58	0.0	25.7 38.5#

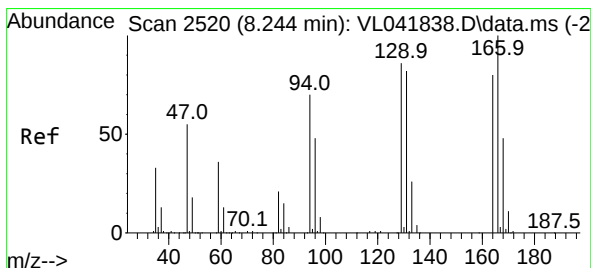
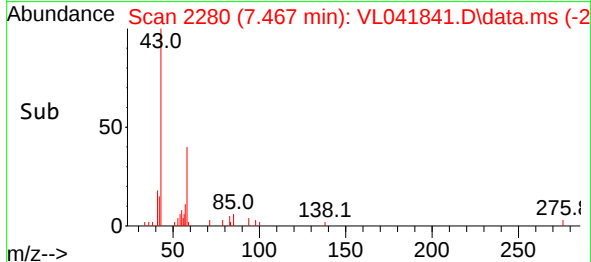
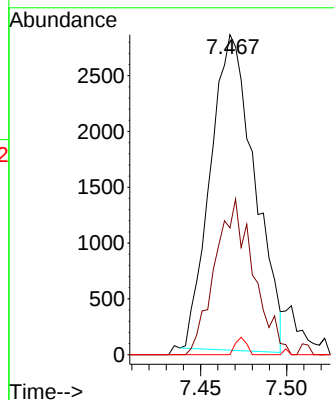
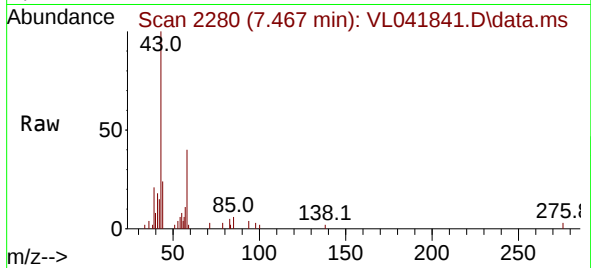




#51
2-Hexanone
Concen: 0.348 ppbv
RT: 7.467 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

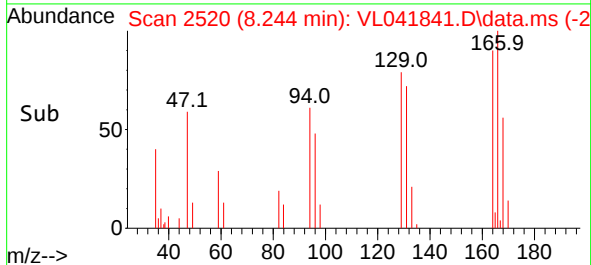
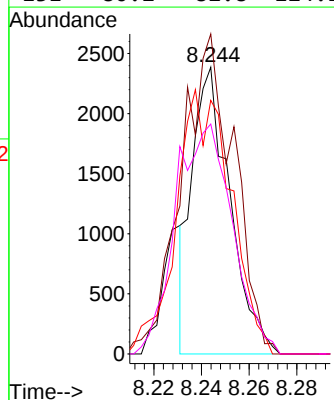
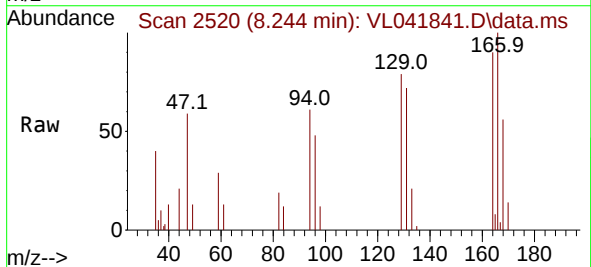
Instrument :
MSVOA_L
ClientSampleId :

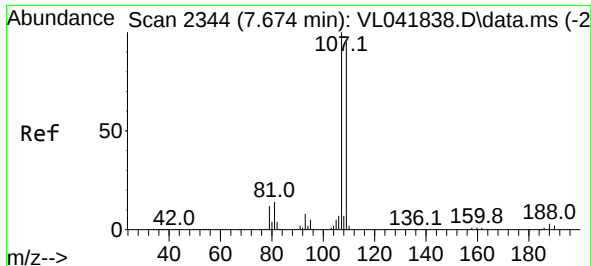
Tgt Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
58 43.6 33.8 50.8
98 1.4 0.7 1.1#



#52
Tetrachloroethene
Concen: 0.436 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 164 Resp: 2601
Ion Ratio Lower Upper
164 100
166 111.6 100.4 150.6
129 88.4 85.9 128.9
131 80.2 82.8 124.2#

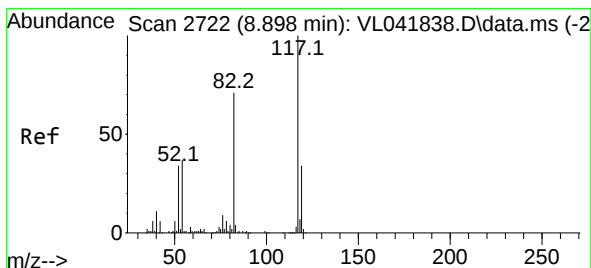
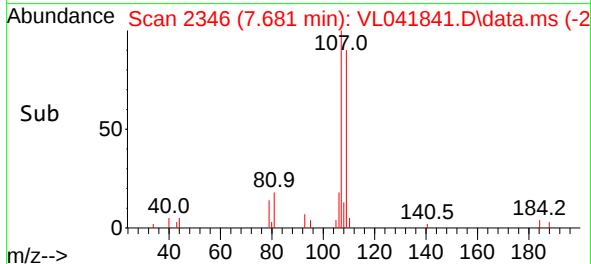
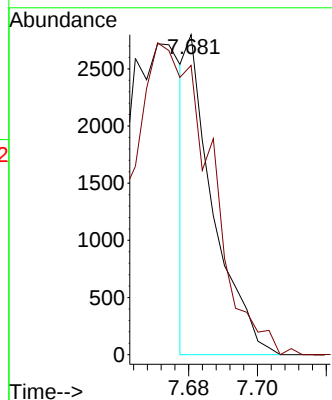
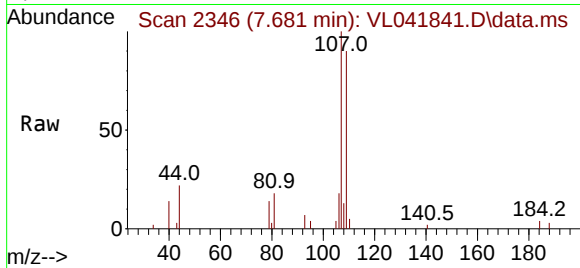




#54
 1,2-Dibromoethane
 Concen: 0.151 ppbv
 RT: 7.681 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

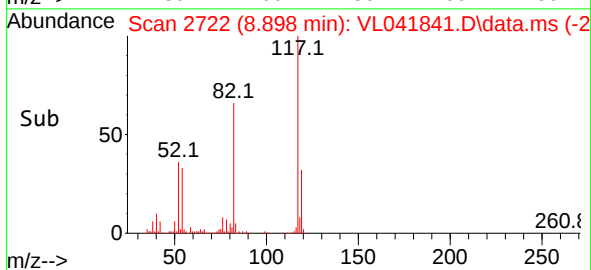
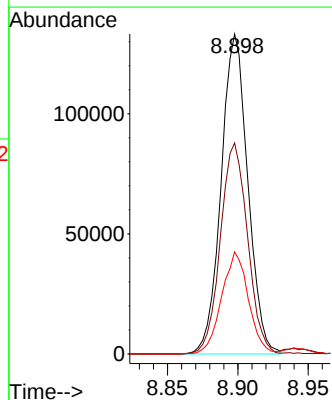
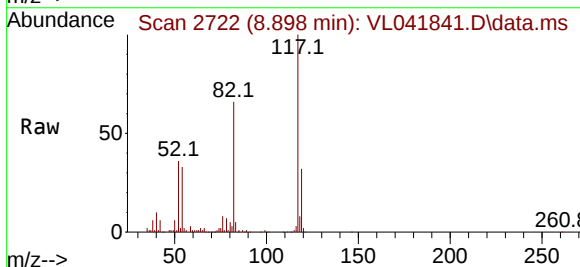
Instrument :
 MSVOA_L
 ClientSampleId :

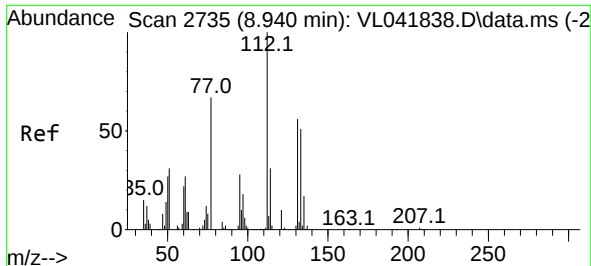
Tgt Ion:107 Resp: 1522
 Ion Ratio Lower Upper
 107 100
 109 90.4 75.9 113.9



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.898 min Scan# 2722
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion:117 Resp: 175693
 Ion Ratio Lower Upper
 117 100
 82 67.4 59.1 88.7
 119 33.8 27.3 40.9

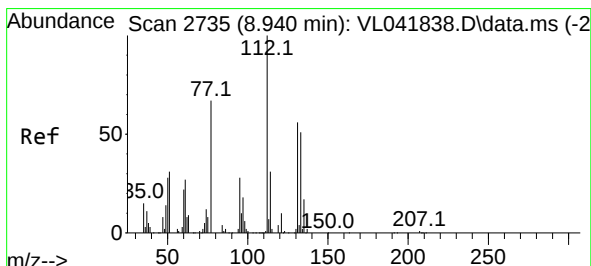
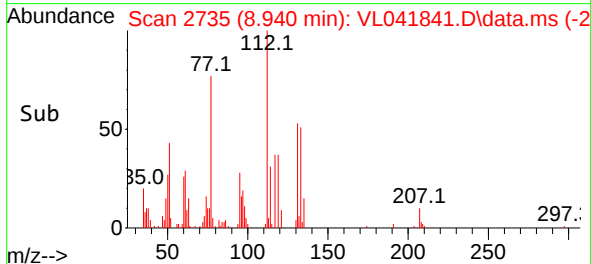
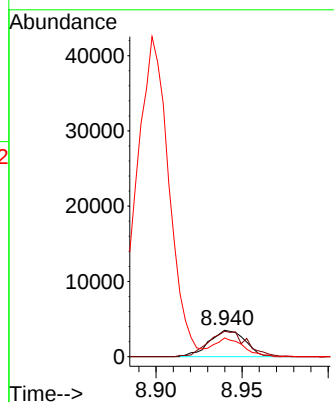
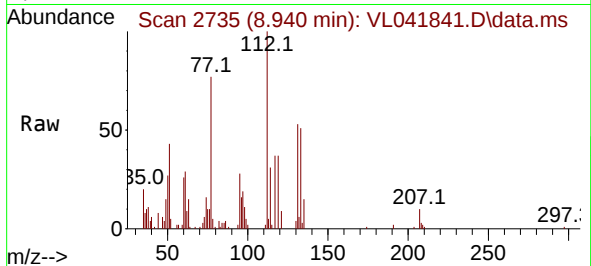




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.511 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

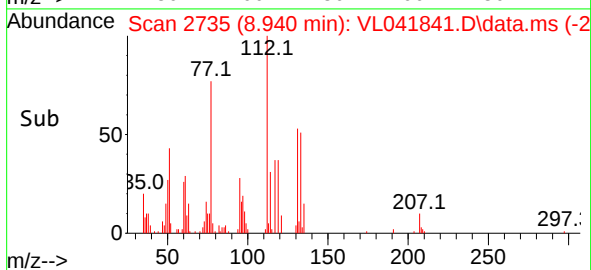
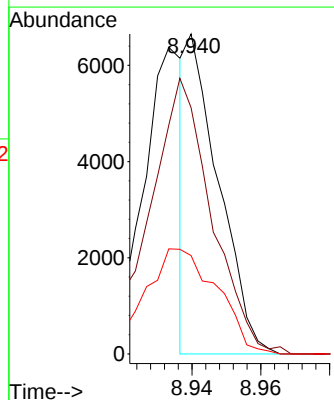
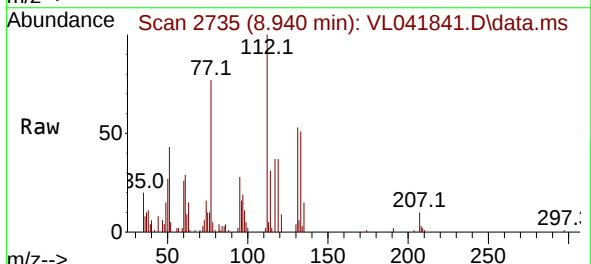
Instrument :
 MSVOA_L
 ClientSampleId :

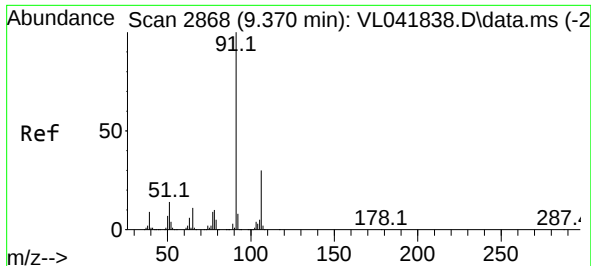
Tgt Ion:131 Resp: 5115
 Ion Ratio Lower Upper
 131 100
 133 103.2 77.3 115.9
 119 1159.7 50.6 76.0#



#57
 Chlorobenzene
 Concen: 0.237 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion:112 Resp: 4349
 Ion Ratio Lower Upper
 112 100
 77 74.7 55.1 82.7
 114 30.7 28.3 34.5

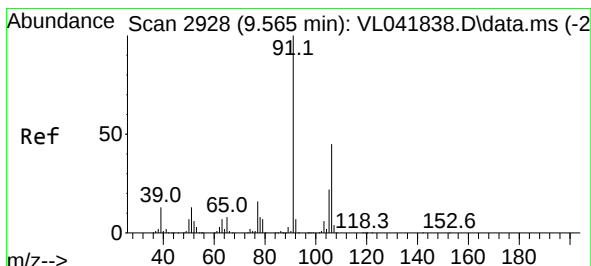
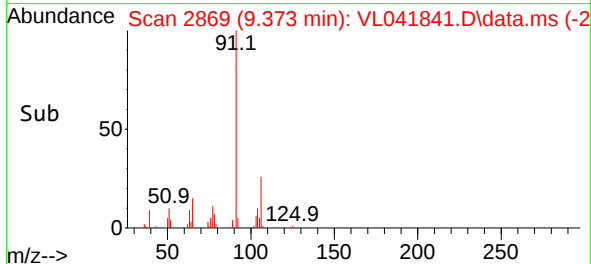
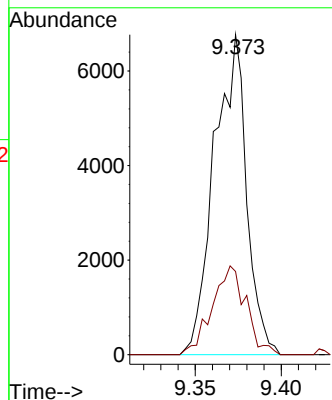
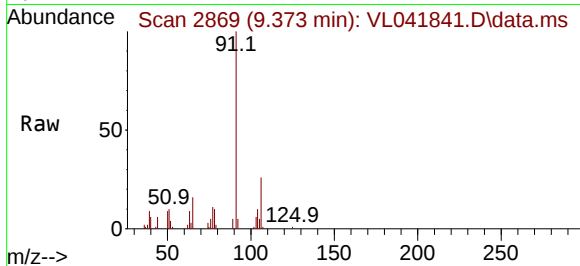




#58
Ethyl Benzene
Concen: 0.368 ppbv
RT: 9.373 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

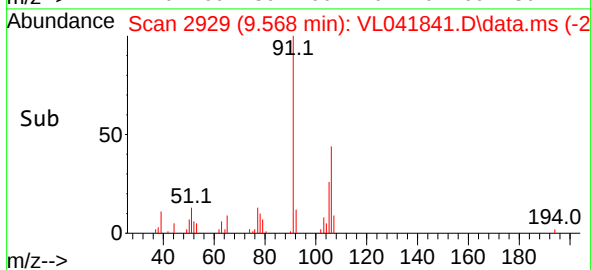
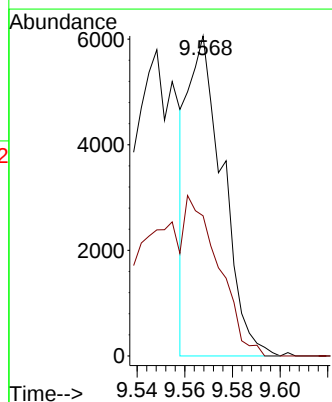
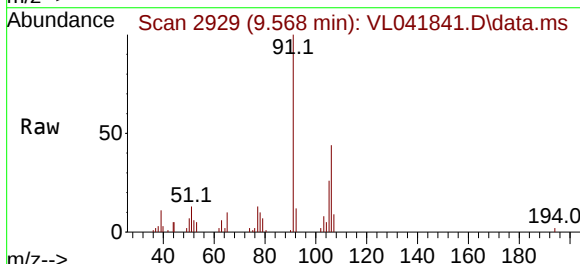
Instrument :
MSVOA_L
ClientSampleId :

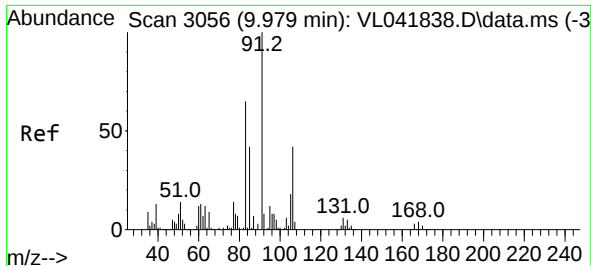
Tgt Ion: 91 Resp: 8814
Ion Ratio Lower Upper
91 100
106 26.0 23.8 35.8



#59
m/p-Xylene
Concen: 0.293 ppbv
RT: 9.568 min Scan# 2929
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 91 Resp: 6202
Ion Ratio Lower Upper
91 100
106 103.2 36.8 55.2#

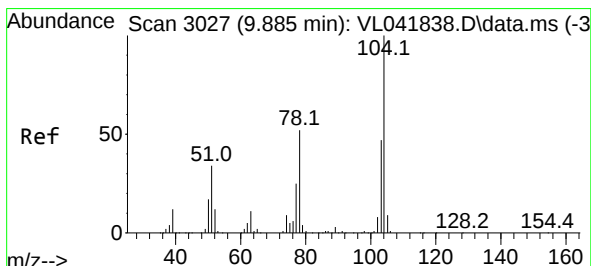
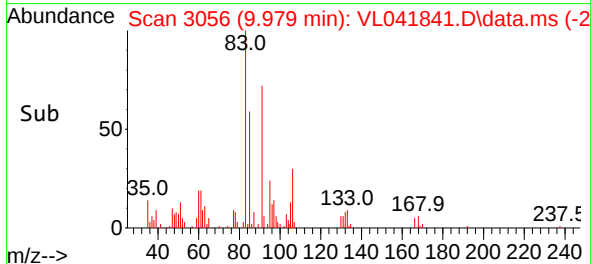
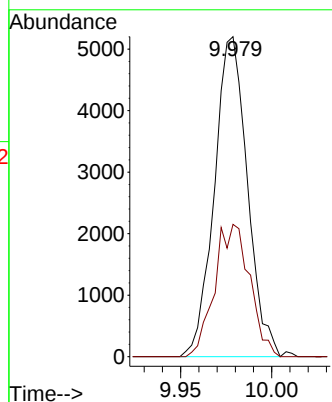
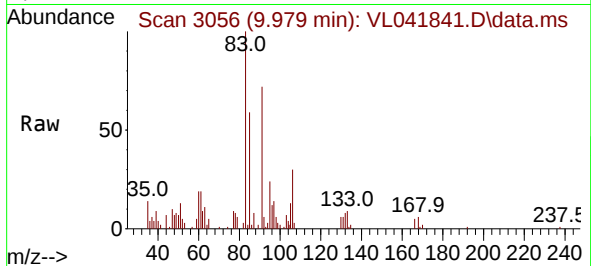




#60
o-Xylene
Concen: 0.319 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

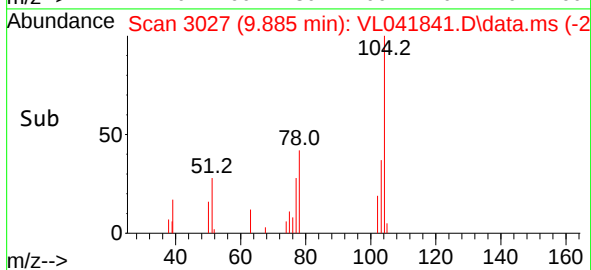
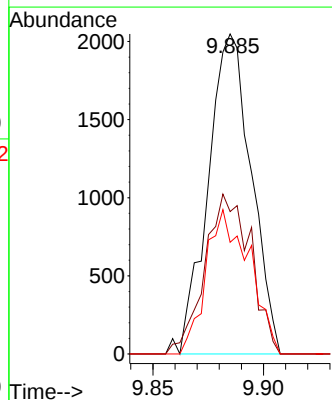
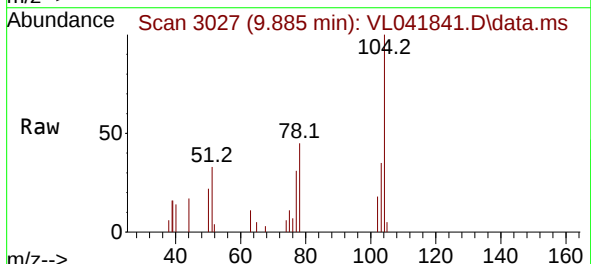
Instrument :
MSVOA_L
ClientSampleId :

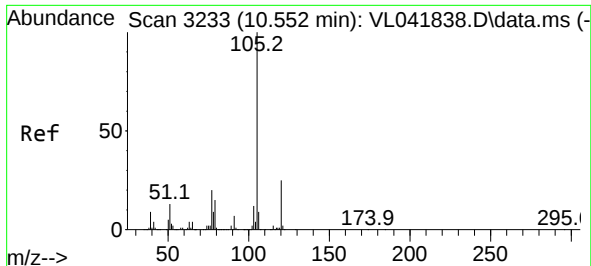
Tgt Ion: 91 Resp: 6551
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.5



#61
Styrene
Concen: 0.348 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 104 Resp: 2777
Ion Ratio Lower Upper
104 100
78 52.9 42.8 64.2
103 45.3 37.8 56.6

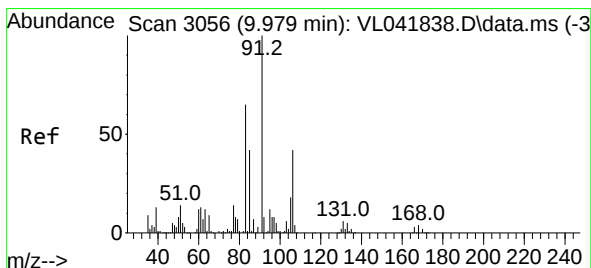
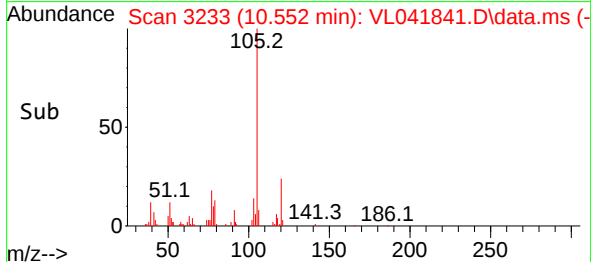
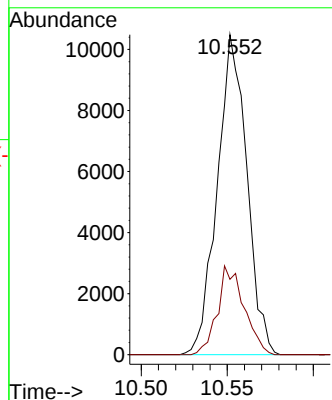
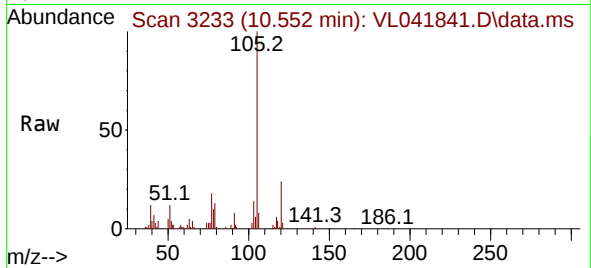




#62
Isopropylbenzene
Concen: 0.388 ppbv
RT: 10.552 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

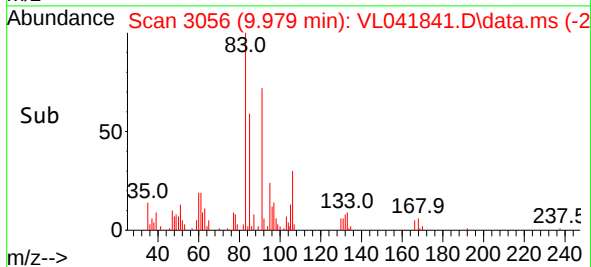
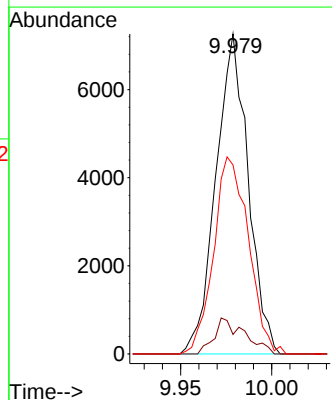
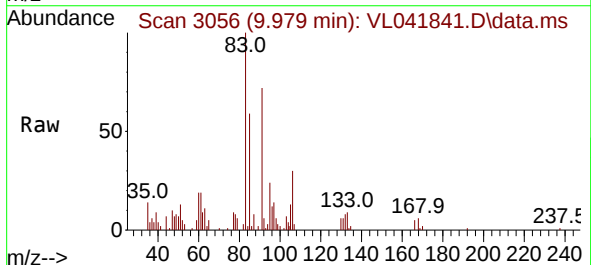
Instrument :
MSVOA_L
ClientSampleId :

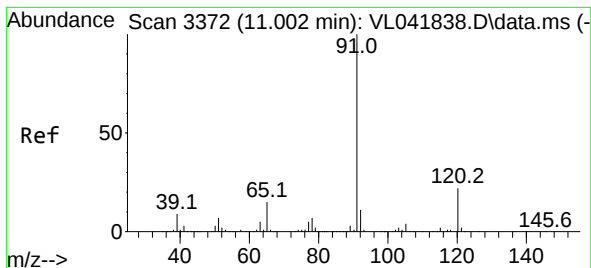
Tgt Ion:105 Resp: 12528
Ion Ratio Lower Upper
105 100
120 25.0 20.4 30.6



#63
1,1,2,2-Tetrachloroethane
Concen: 0.495 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 83 Resp: 8924
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.3
85 66.4 31.9 95.9

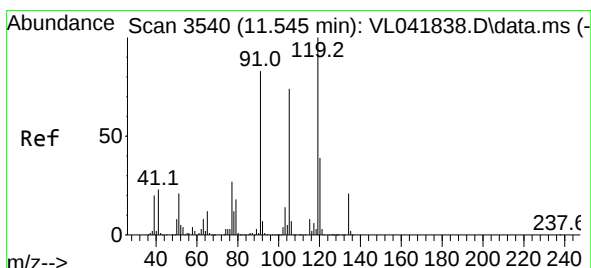
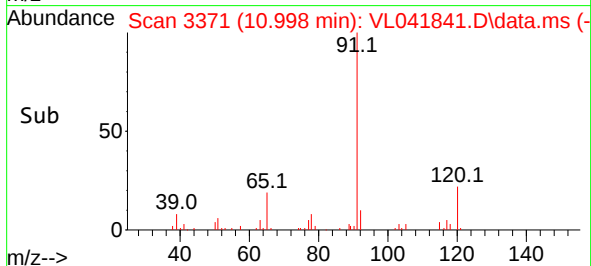
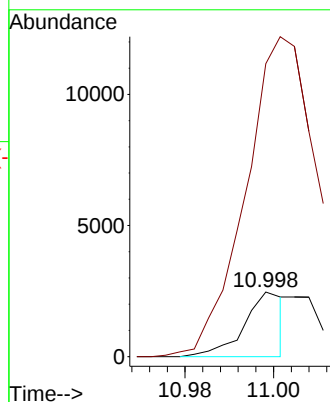
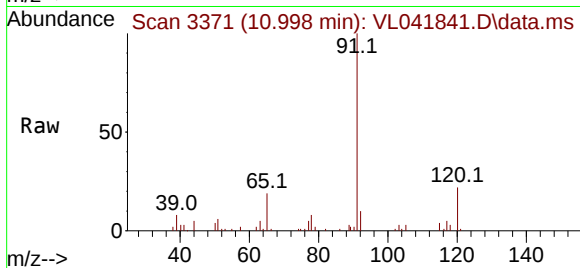




#64
n-propylbenzene
Concen: 0.185 ppbv
RT: 10.998 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

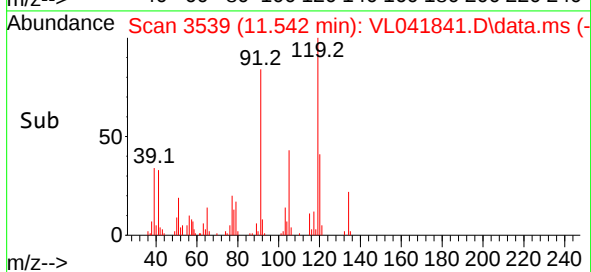
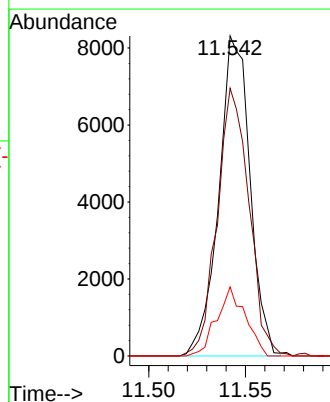
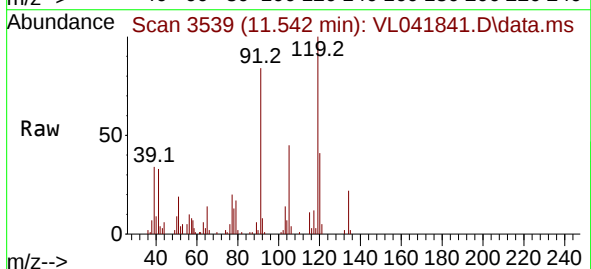
Instrument :
MSVOA_L
ClientSampleId :

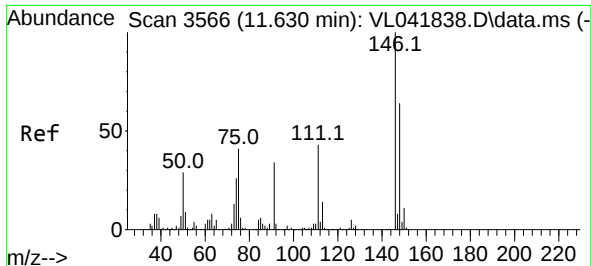
Tgt Ion:120 Resp: 1529
Ion Ratio Lower Upper
120 100
91 530.7 382.1 573.1



#65
tert-Butylbenzene
Concen: 0.320 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:119 Resp: 9315
Ion Ratio Lower Upper
119 100
91 85.0 68.0 102.0
134 19.8 16.2 24.4

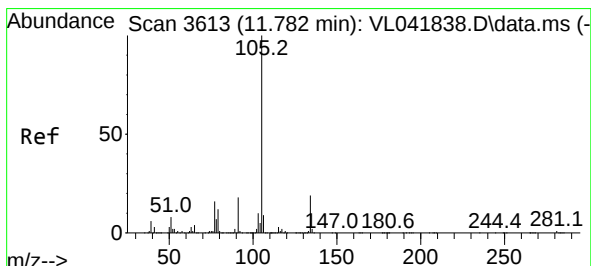
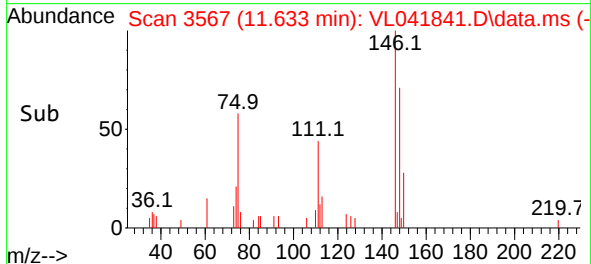
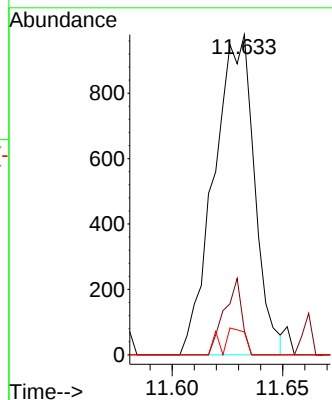
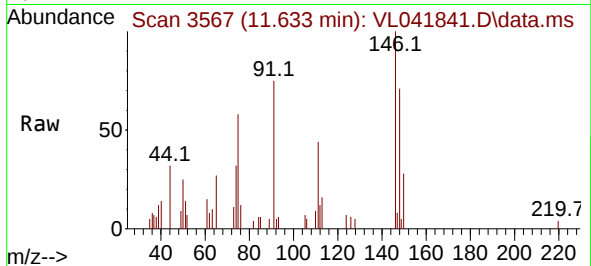




#66
Benzyl Chloride
Concen: 0.511 ppbv
RT: 11.633 min Scan# 3566
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

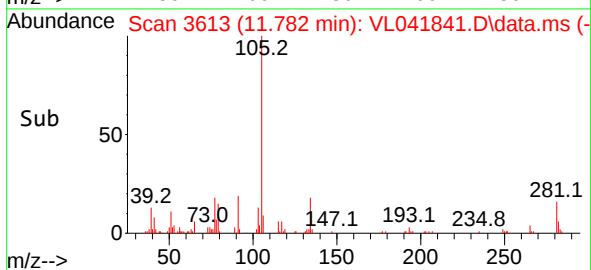
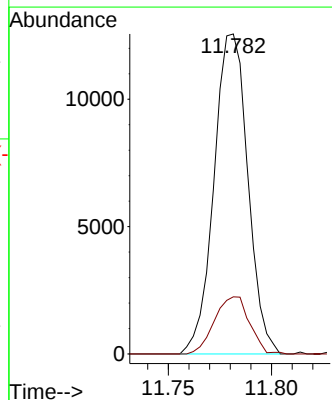
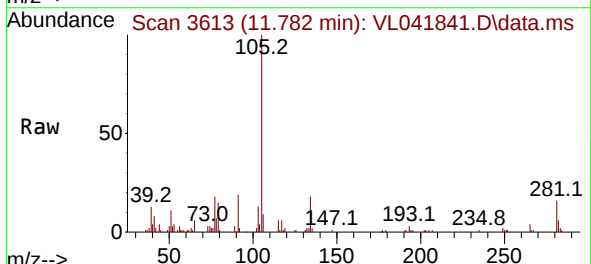
Instrument :
MSVOA_L
ClientSampleId :

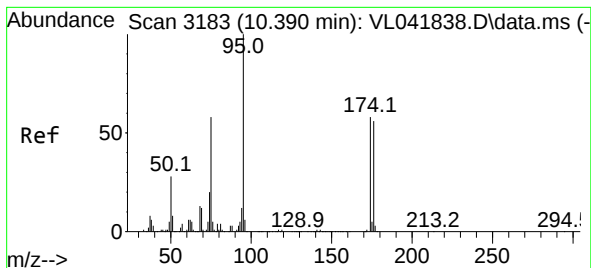
Tgt Ion: 91 Resp: 1242
Ion Ratio Lower Upper
91 100
126 10.3 12.1 18.1#
128 4.7 4.3 6.5



#67
sec-Butylbenzene
Concen: 0.337 ppbv
RT: 11.782 min Scan# 3613
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 105 Resp: 14329
Ion Ratio Lower Upper
105 100
134 18.4 14.6 22.0

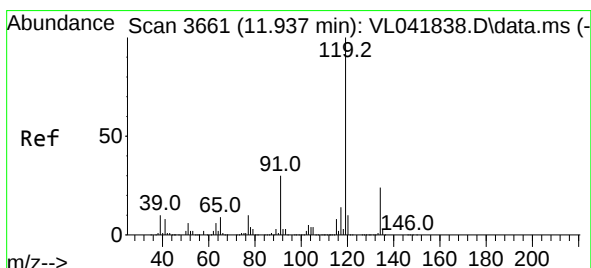
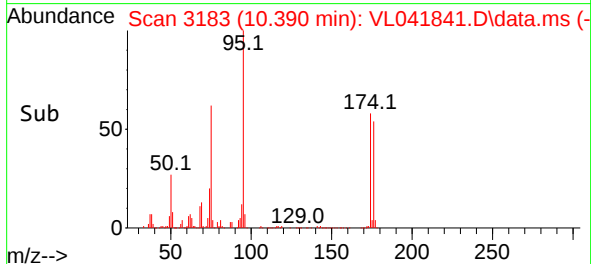
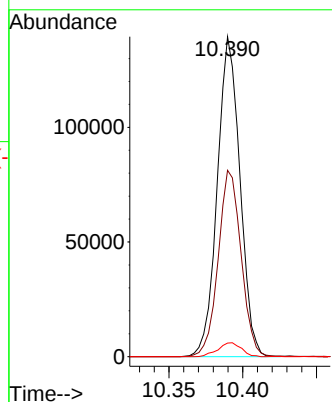
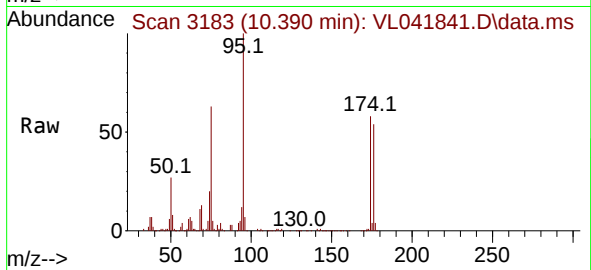




#68
1-Bromo-4-Fluorobenzene
Concen: 9.917 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

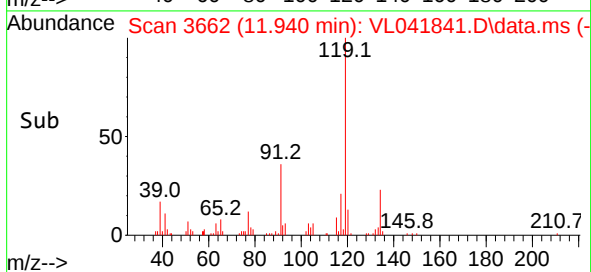
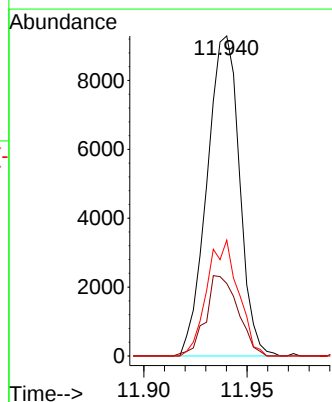
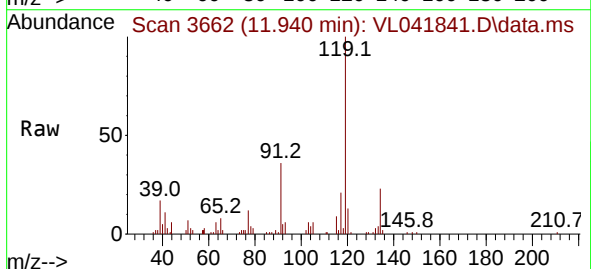
Instrument :
MSVOA_L
ClientSampleId :

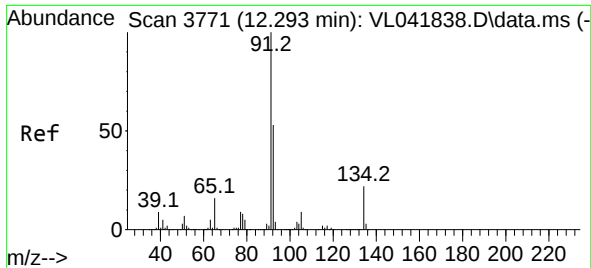
Tgt Ion: 95 Resp: 149231
Ion Ratio Lower Upper
95 100
174 59.0 47.6 71.4
175 4.6 3.8 5.6



#69
p-Isopropyltoluene
Concen: 0.305 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 119 Resp: 10167
Ion Ratio Lower Upper
119 100
134 24.9 19.4 29.2
91 35.0 24.0 36.0

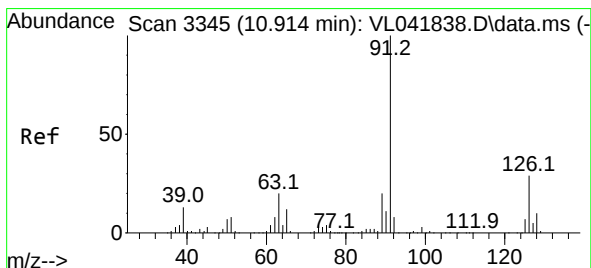
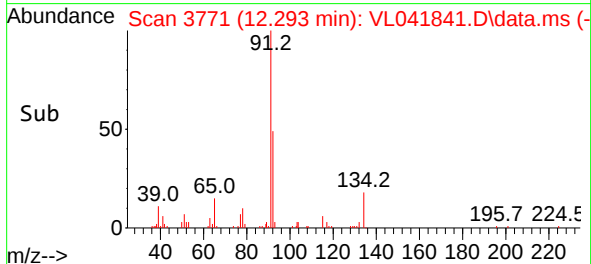
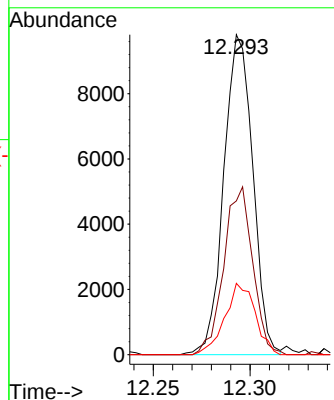
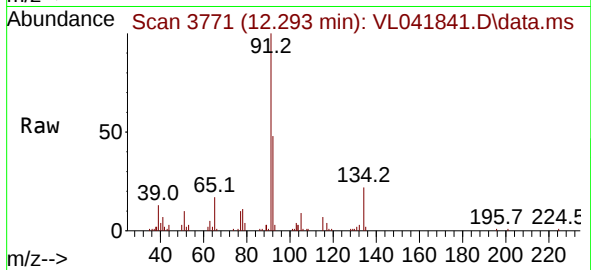




#70
n-Butylbenzene
Concen: 0.305 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

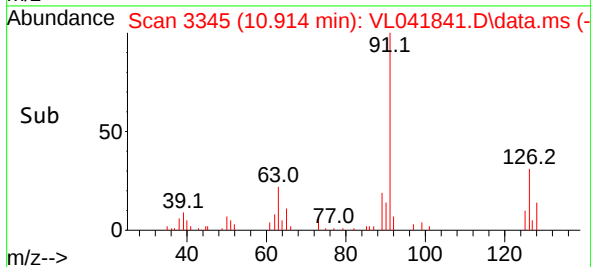
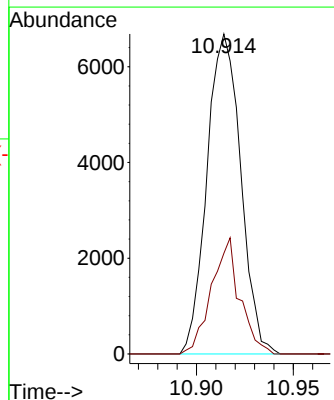
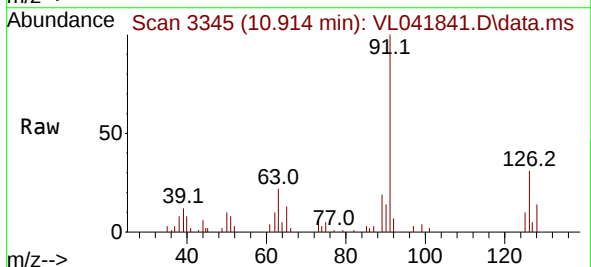
Instrument :
MSVOA_L
ClientSampleId :

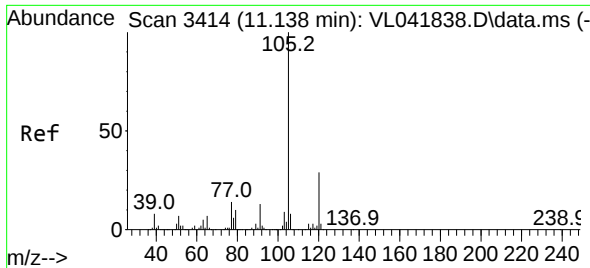
Tgt Ion: 91 Resp: 10226
Ion Ratio Lower Upper
91 100
92 52.2 42.8 64.2
134 23.4 17.8 26.6



#71
2-Chlorotoluene
Concen: 0.346 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 91 Resp: 8114
Ion Ratio Lower Upper
91 100
126 30.4 11.6 46.6

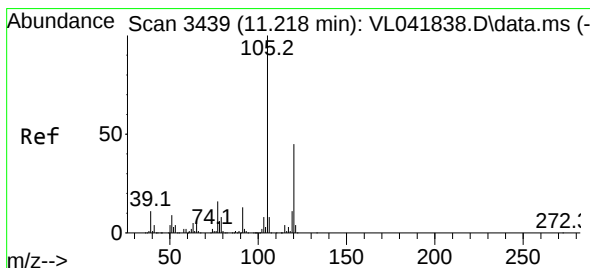
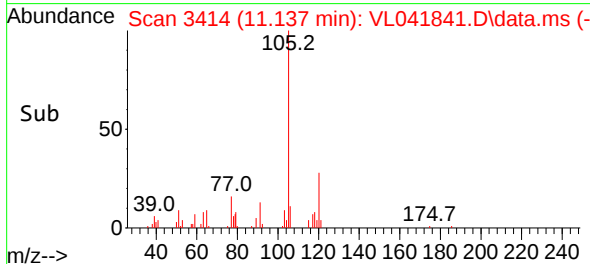
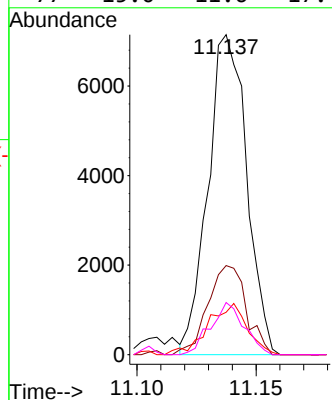
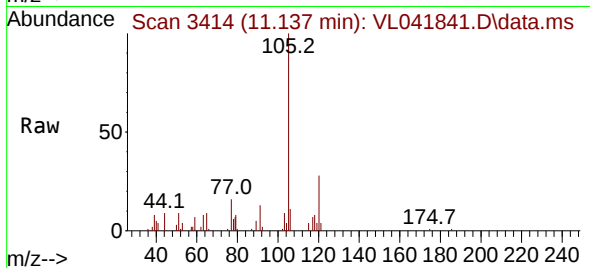




#72
4-Ethyltoluene
Concen: 0.324 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

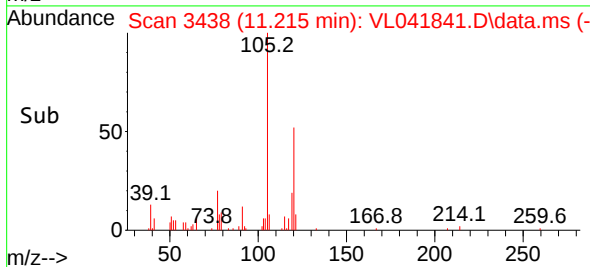
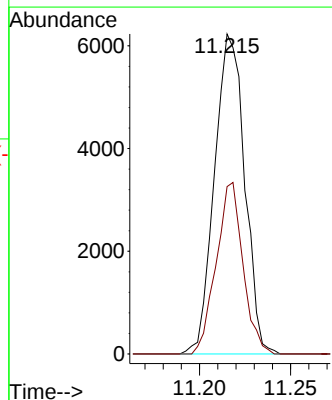
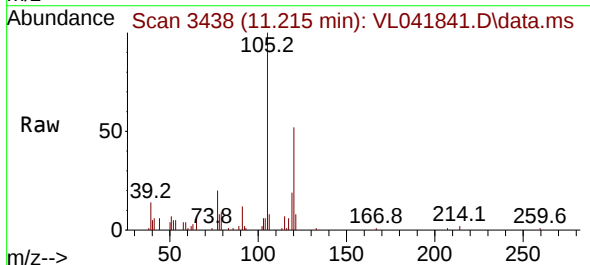
Instrument :
MSVOA_L
ClientSampleId :

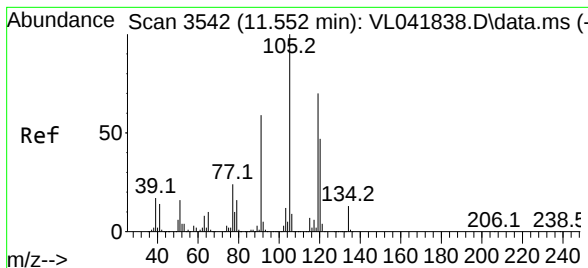
Tgt Ion:	105	Resp:	8065
Ion Ratio	Lower	Upper	
105	100		
120	28.0	23.4	35.2
91	16.7	10.8	16.2#
77	15.0	11.6	17.4



#73
1,3,5-Trimethylbenzene
Concen: 0.329 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:	105	Resp:	7174
Ion Ratio	Lower	Upper	
105	100		
120	52.3	35.9	53.9





#74

1,2,4-Trimethylbenzene

Concen: 0.310 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 7816

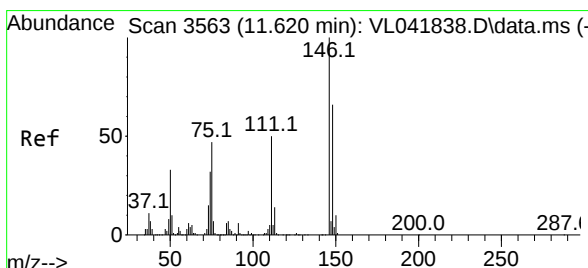
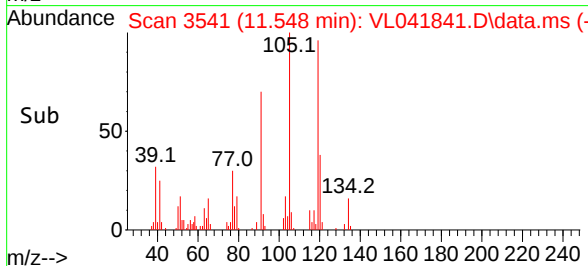
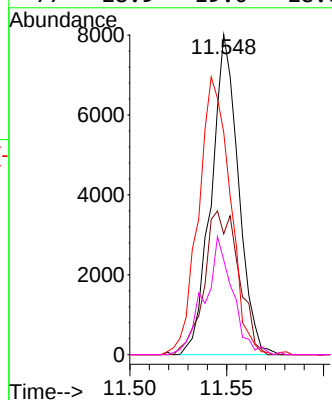
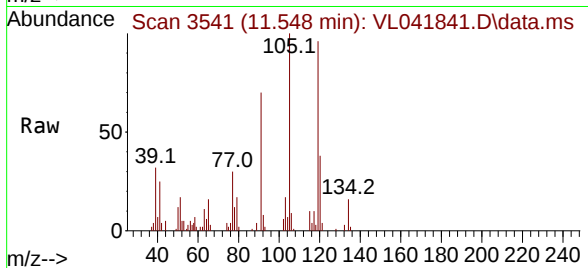
Ion Ratio Lower Upper

105 100

120 37.7 37.4 56.0

91 68.8 47.4 71.2

77 28.9 19.0 28.6#



#75

1,3-Dichlorobenzene

Concen: 0.456 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

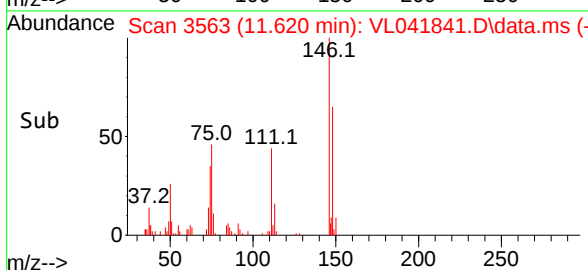
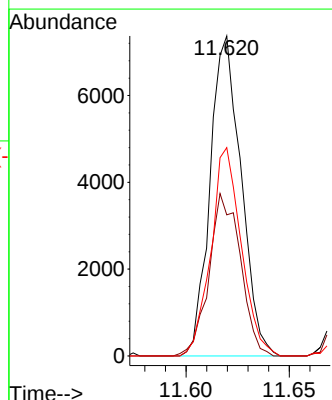
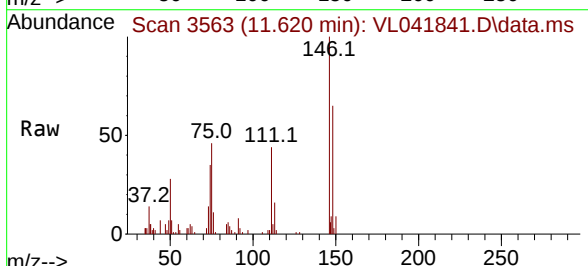
Tgt Ion:146 Resp: 7704

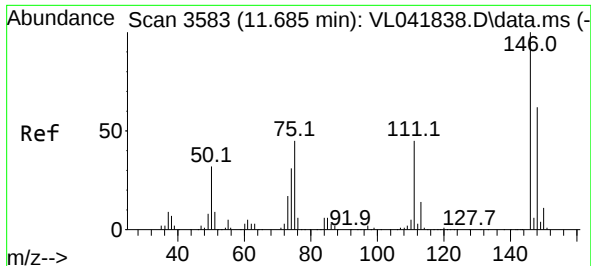
Ion Ratio Lower Upper

146 100

111 51.2 24.1 72.2

148 63.8 32.0 96.0

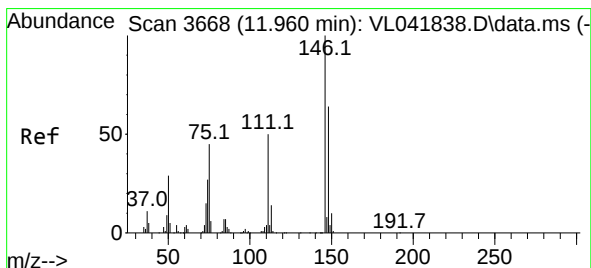
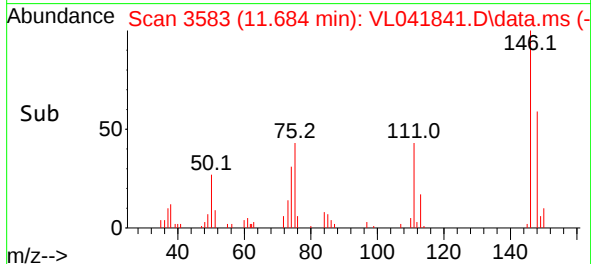
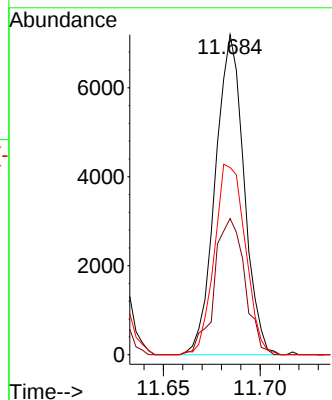
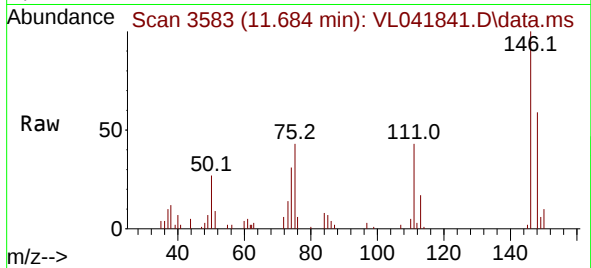




#76
1,4-Dichlorobenzene
Concen: 0.456 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

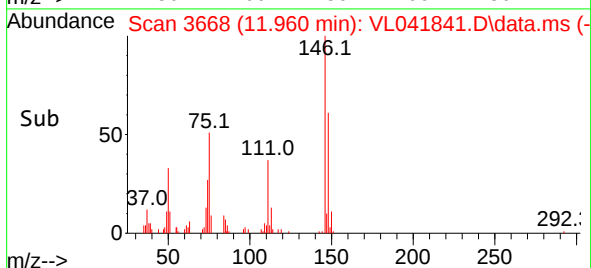
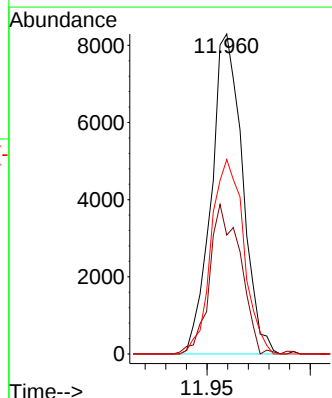
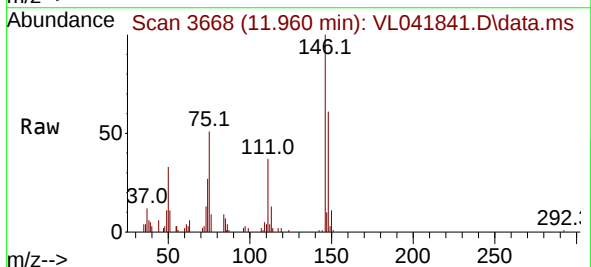
Instrument :
MSVOA_L
ClientSampleId :

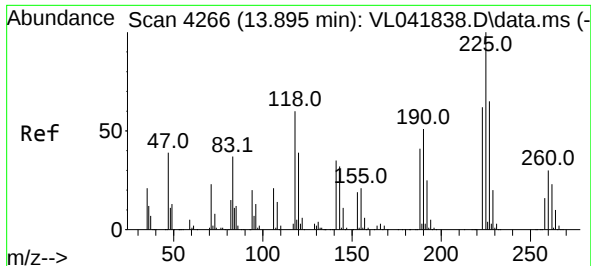
Tgt Ion:146 Resp: 7404
Ion Ratio Lower Upper
146 100
111 45.1 23.2 69.6
148 64.2 32.1 96.3



#77
1,2-Dichlorobenzene
Concen: 0.496 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:146 Resp: 8725
Ion Ratio Lower Upper
146 100
111 46.1 24.7 74.1
148 63.0 31.5 94.5

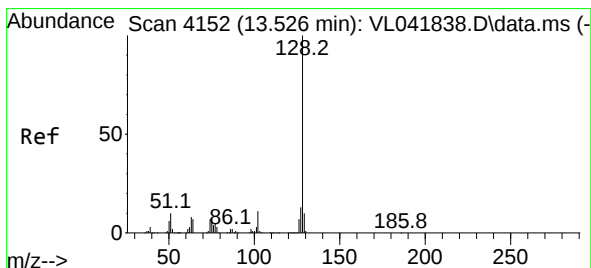
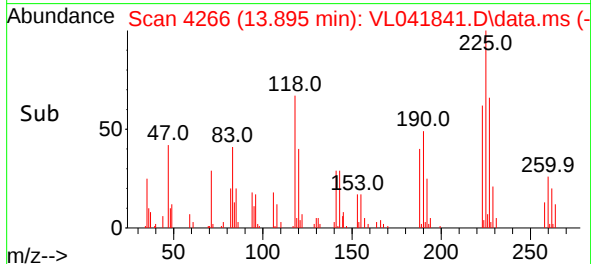
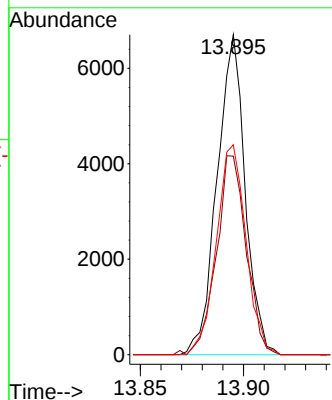
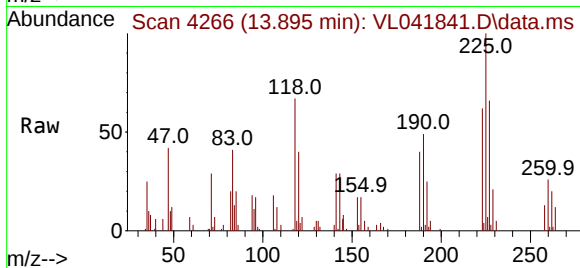




#78
Hexachloro-1,3-Butadiene
Concen: 0.508 ppbv
RT: 13.895 min Scan# 4153
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

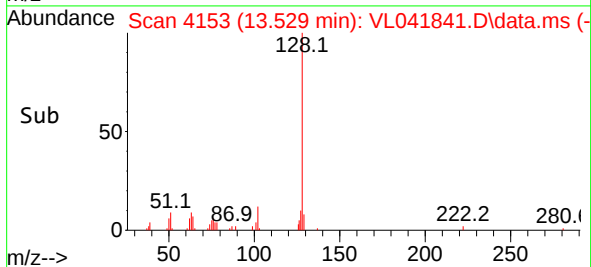
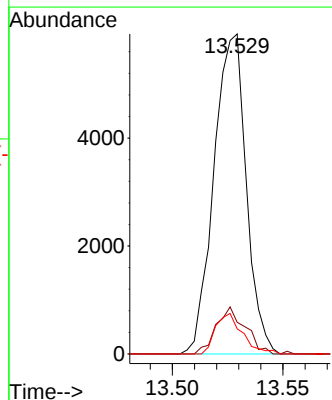
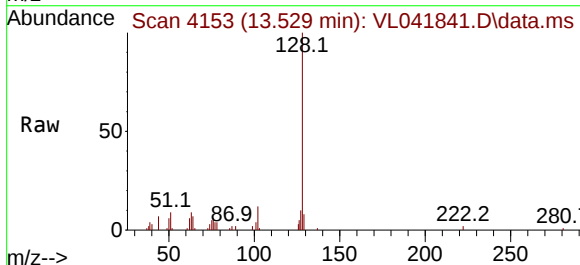
Instrument :
MSVOA_L
ClientSampleId :

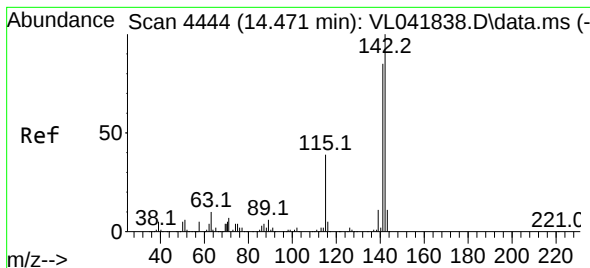
Tgt Ion:225 Resp: 6344
Ion Ratio Lower Upper
225 100
223 66.0 50.4 75.6
227 69.1 51.2 76.8



#79
Naphthalene
Concen: 0.325 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:128 Resp: 6035
Ion Ratio Lower Upper
128 100
127 9.9 10.5 15.7#
129 7.9 8.2 12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.351 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. -0.000 min

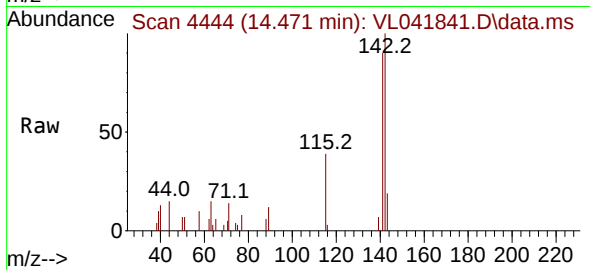
Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :



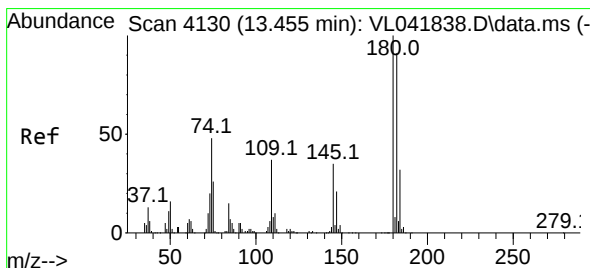
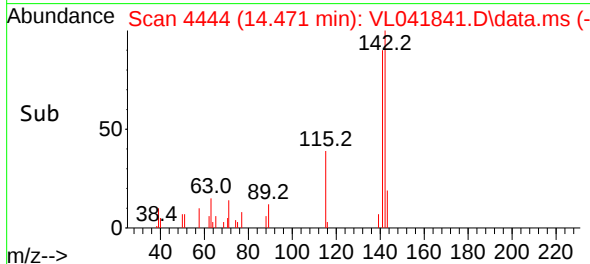
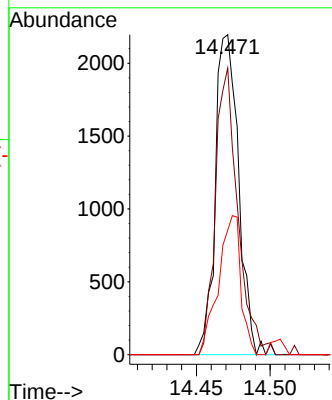
Tgt Ion:142 Resp: 2415

Ion Ratio Lower Upper

142 100

141 86.2 67.8 101.6

115 41.9 32.7 49.1



#81

1,2,4-Trichlorobenzene

Concen: 0.412 ppbv

RT: 13.455 min Scan# 4130

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:180 Resp: 4239

Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

184 32.9 24.8 37.2

