

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041879.D
 Acq On : 09 Jan 2025 22:17
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 10 01:52:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	121142	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	366226	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	329631	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	263876	9.983	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	11233	0.565	ppbv	98
3) Chlorodifluoromethane	1.479	51	11207	0.513	ppbv #	91
4) Chloromethane	1.538	50	4077	0.527	ppbv #	81
5) Vinyl Chloride	1.586	62	3997	0.486	ppbv #	86
6) Bromomethane	1.677	94	2061	0.532	ppbv	91
7) Chloroethane	1.709	64	1659	0.521	ppbv #	82
8) Dichlorotetrafluoroethane	1.560	85	9599	0.555	ppbv	93
9) Propene	1.489	41	5254	0.515	ppbv	85
10) Heptane	5.007	43	9121	0.339	ppbv #	82
11) Trichlorofluoromethane	1.884	101	10995	0.538	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	9039	0.547	ppbv	98
13) Ethanol	1.729	45	1507	2.328	ppbv	87
14) Bromoethene	1.790	108	3238	0.547	ppbv #	95
15) Acetone	1.842	43	13816	0.676	ppbv	98
16) 1,3-Butadiene	1.615	39	4458	0.508	ppbv	93
17) tert-Butyl alcohol	2.052	59	12123	0.523	ppbv #	89
18) 1,1-Dichloroethene	2.039	96	4350	0.581	ppbv	95
19) Isopropyl Alcohol	1.897	45	6814	0.635	ppbv	87
20) Methylene Chloride	2.069	84	4388	0.630	ppbv #	90
21) Allyl Chloride	2.104	41	6531	0.500	ppbv #	84
22) trans-1,2-Dichloroethene	2.353	96	4697	0.542	ppbv	93
23) Vinyl Acetate	2.473	43	5814	0.562	ppbv #	80
24) 1,1-Dichloroethane	2.418	63	9364	0.571	ppbv #	93
25) Ethyl Acetate	2.855	43	23966	0.472	ppbv	99
26) Hexane	2.839	57	10202	0.488	ppbv	92
27) Carbon Disulfide	2.159	76	8656	0.433	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	6661	0.418	ppbv #	88
29) Chloroform	2.858	83	15434	0.528	ppbv	99
30) Cyclohexane	3.875	84	8999	0.502	ppbv	97
31) cis-1,2-Dichloroethene	2.353	61	7749	0.380	ppbv	88
32) 1,1,1-Trichloroethane	3.386	97	13839	0.477	ppbv	99
34) 2-Butanone	2.573	43	14922	0.490	ppbv	100
35) Carbon Tetrachloride	3.392	117	442	0.016	ppbv	93
36) Benzene	3.677	78	19420	0.457	ppbv #	92
37) 1,2-Dichloroethane	3.234	62	11074	0.497	ppbv #	92
38) Trichloroethene	4.570	130	7999	0.477	ppbv	86
39) 1,2-Dichloropropane	4.337	63	7491	0.496	ppbv	90
40) 1,4-Dioxane	4.629	88	562	0.074	ppbv #	17
41) Tetrahydrofuran	3.078	42	7317	0.409	ppbv	89
42) Bromodichloromethane	4.515	83	13624	0.445	ppbv #	97
43) Methyl Methacrylate	4.917	69	5138	0.295	ppbv #	49
44) 2,2,4-Trimethylpentane	4.661	57	32989	0.460	ppbv	94
45) t-1,3-Dichloropropene	6.441	75	3241	0.182	ppbv	91

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

Instrument :
 MSVOA_L
 ClientSampleId :

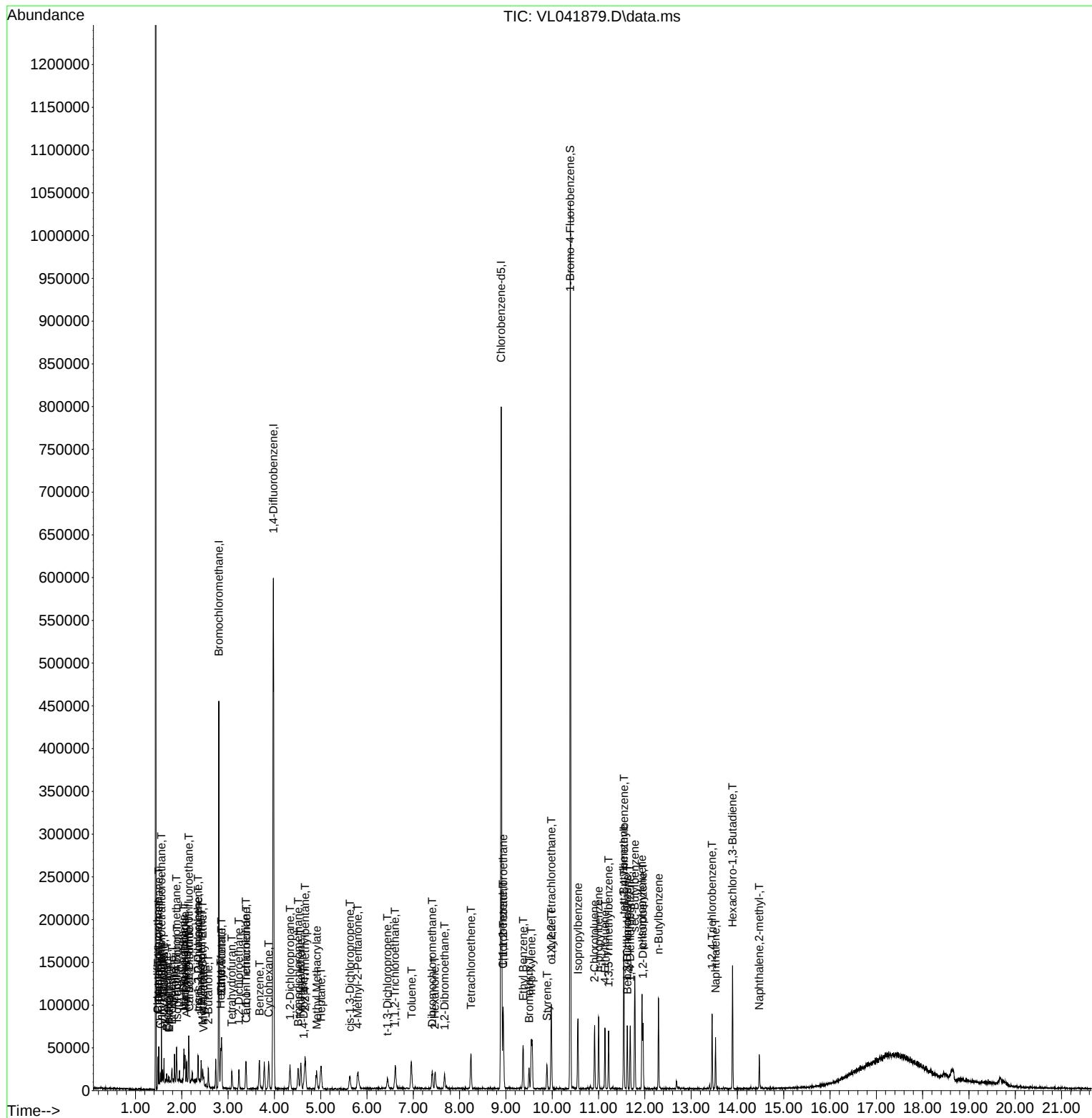
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

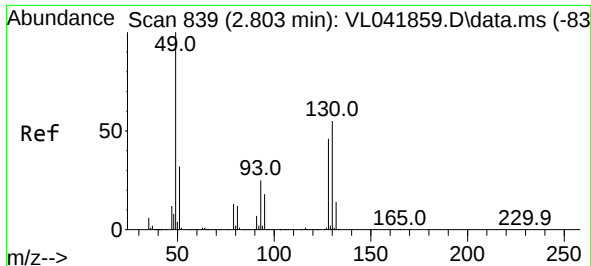
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	3037	0.133	ppbv #	73
47) 1,1,2-Trichloroethane	6.603	97	1992	0.125	ppbv #	52
48) Dibromochloromethane	7.406	129	6478	0.269	ppbv	63
49) Bromoform	9.500	173	7759	0.369	ppbv	99
50) 4-Methyl-2-Pentanone	5.800	43	9431	0.217	ppbv #	55
51) 2-Hexanone	7.464	43	5449	0.152	ppbv #	28
52) Tetrachloroethene	8.244	164	3712	0.228	ppbv	87
53) Toluene	6.962	91	22390	0.443	ppbv	99
54) 1,2-Dibromoethane	7.678	107	10163	0.470	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.943	131	8421	0.429	ppbv	83
57) Chlorobenzene	8.937	112	18928	0.515	ppbv	94
58) Ethyl Benzene	9.370	91	29858	0.441	ppbv	98
59) m/p-Xylene	9.548	91	23765	0.444	ppbv #	100
60) o-Xylene	9.982	91	24990	0.468	ppbv	97
61) Styrene	9.888	104	10124	0.379	ppbv	94
62) Isopropylbenzene	10.555	105	37087	0.461	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	15575	0.485	ppbv	99
64) n-propylbenzene	11.002	120	9013	0.430	ppbv	95
65) tert-Butylbenzene	11.542	119	33710	0.463	ppbv	99
66) Benzyl Chloride	11.626	91	2114	0.280	ppbv #	90
67) sec-Butylbenzene	11.782	105	45602	0.455	ppbv	98
69) p-Isopropyltoluene	11.940	119	37694	0.440	ppbv	95
70) n-Butylbenzene	12.296	91	36383	0.424	ppbv	97
71) 2-Chlorotoluene	10.914	91	28385	0.456	ppbv	100
72) 4-Ethyltoluene	11.138	105	29045	0.443	ppbv	97
73) 1,3,5-Trimethylbenzene	11.215	105	23820	0.428	ppbv	95
74) 1,2,4-Trimethylbenzene	11.549	105	28511	0.472	ppbv #	90
75) 1,3-Dichlorobenzene	11.620	146	17437	0.481	ppbv	97
76) 1,4-Dichlorobenzene	11.685	146	18243	0.509	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	17986	0.525	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	15115	0.514	ppbv	95
79) Naphthalene	13.526	128	26258	0.403	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	11408	0.325	ppbv	94
81) 1,2,4-Trichlorobenzene	13.452	180	14876	0.480	ppbv	97

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

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MSVOA_L
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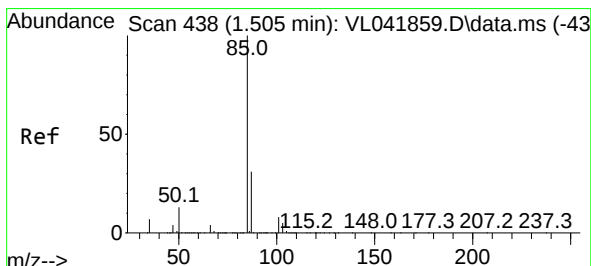
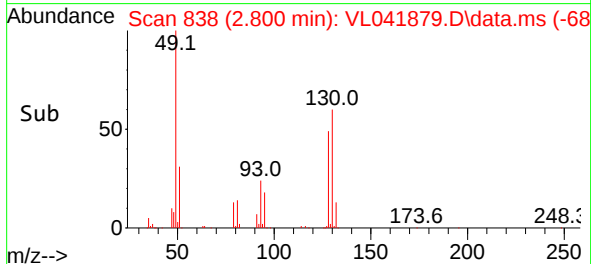
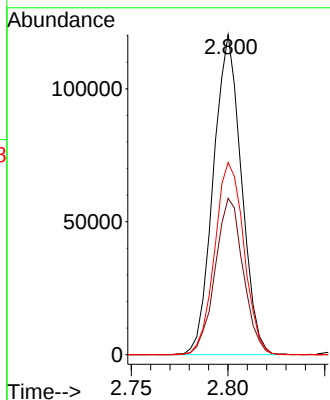
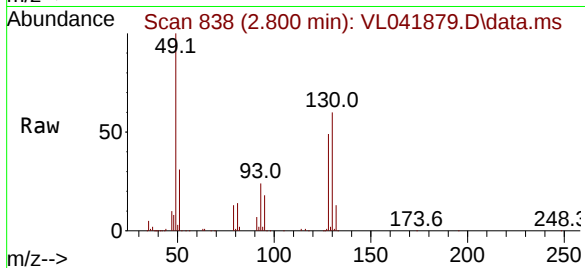




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

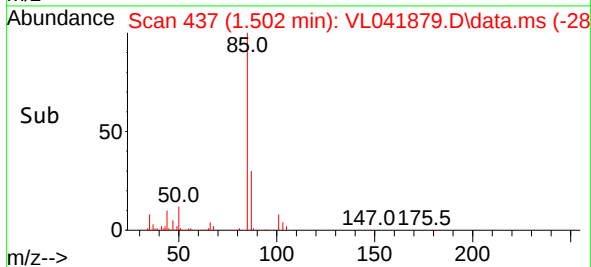
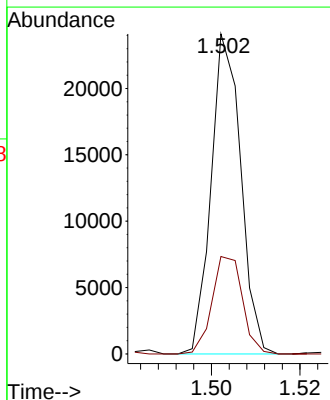
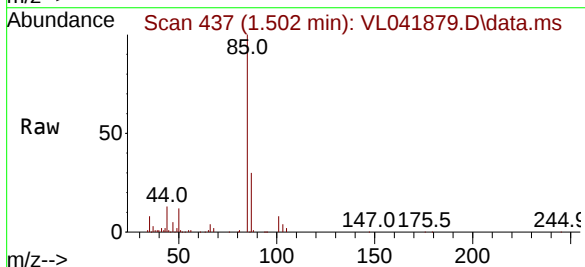
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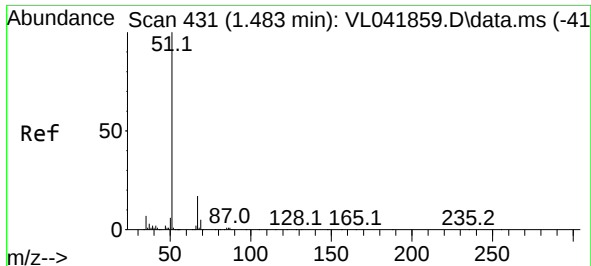
Tgt Ion: 49 Resp: 121142
 Ion Ratio Lower Upper
 49 100
 128 49.1 23.2 69.5
 130 62.7 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.565 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 85 Resp: 11233
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.2 37.8

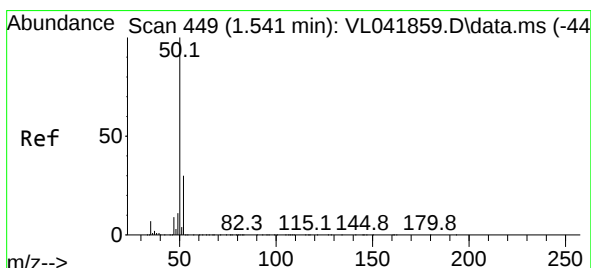
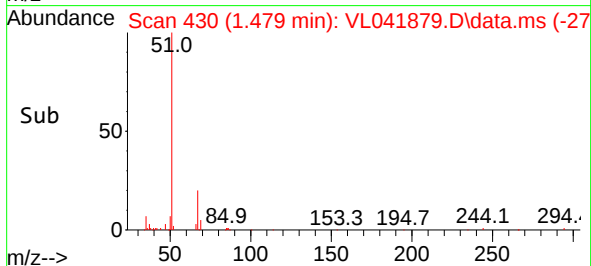
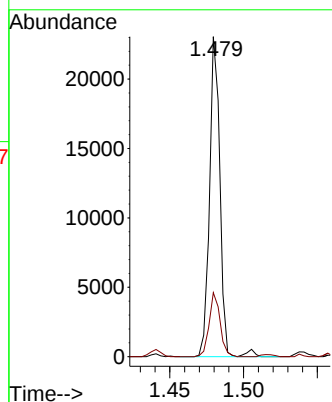
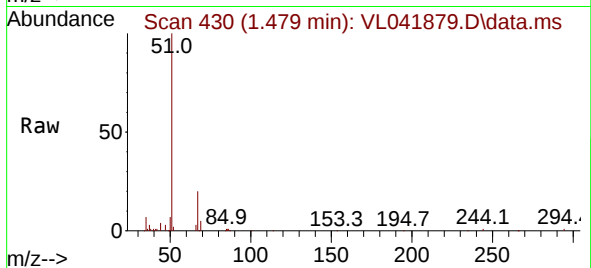




#3
Chlorodifluoromethane
Concen: 0.513 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

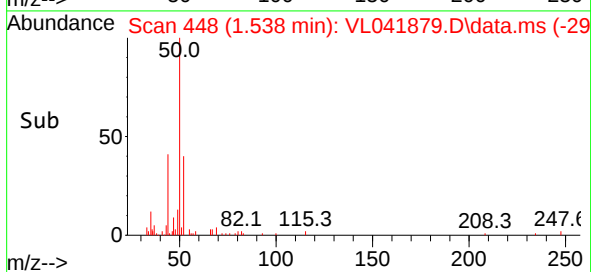
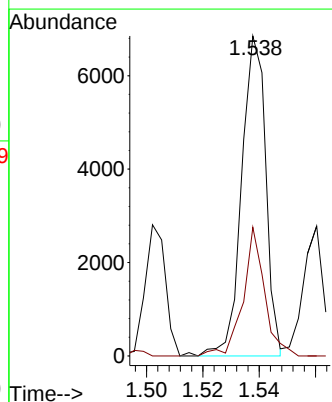
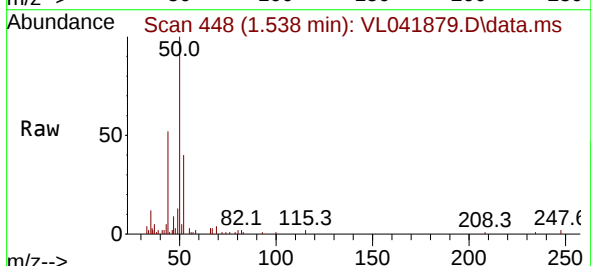
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ClientSampleId :

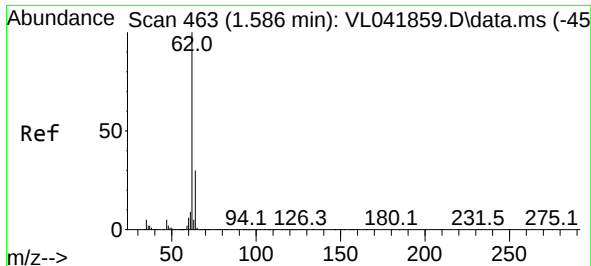
Tgt Ion: 51 Resp: 11207
Ion Ratio Lower Upper
51 100
67 21.2 13.8 20.8#



#4
Chloromethane
Concen: 0.527 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 50 Resp: 4077
Ion Ratio Lower Upper
50 100
52 40.2 23.9 35.9#

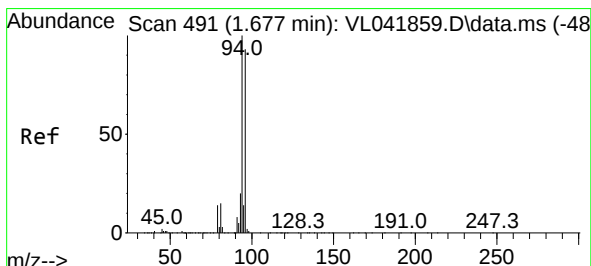
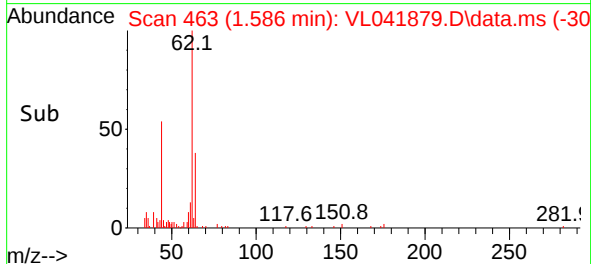
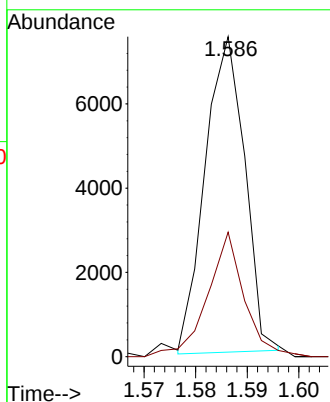
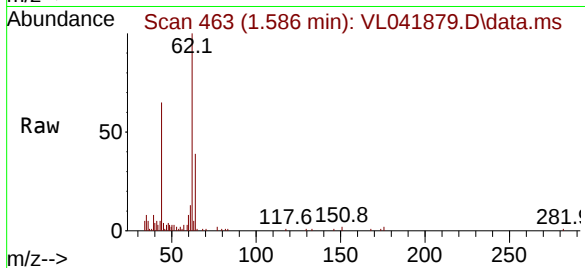




#5
 Vinyl Chloride
 Concen: 0.486 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

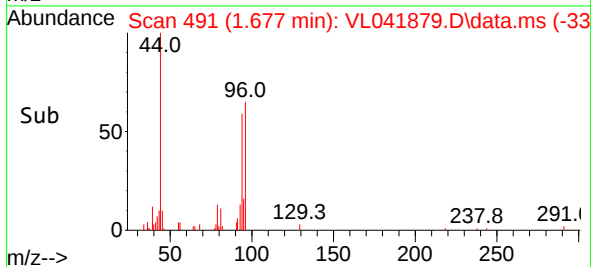
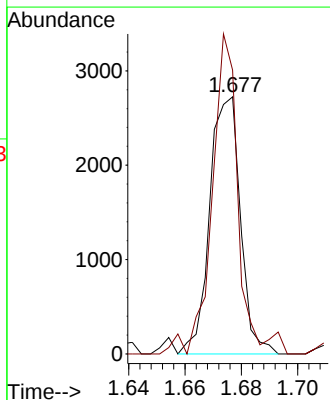
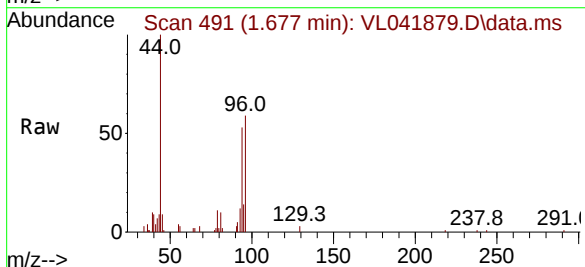
Instrument :
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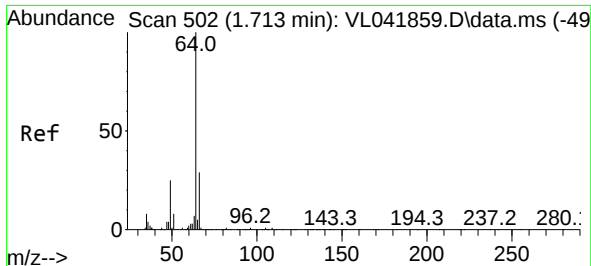
Tgt Ion: 62 Resp: 3997
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.1 36.1#



#6
 Bromomethane
 Concen: 0.532 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 94 Resp: 2061
 Ion Ratio Lower Upper
 94 100
 96 102.6 74.8 112.2

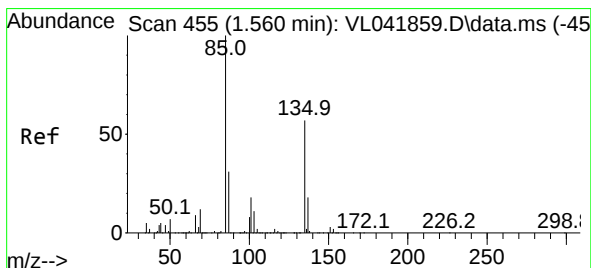
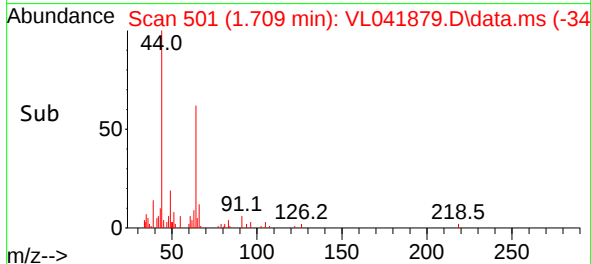
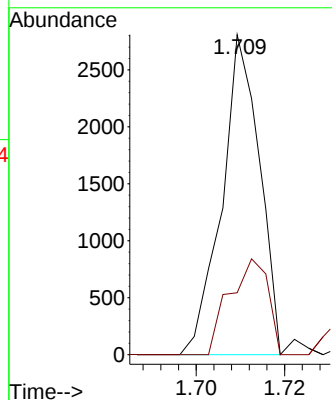
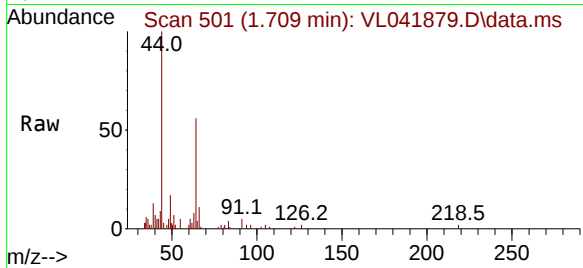




#7
Chloroethane
Concen: 0.521 ppbv
RT: 1.709 min Scan# 502
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

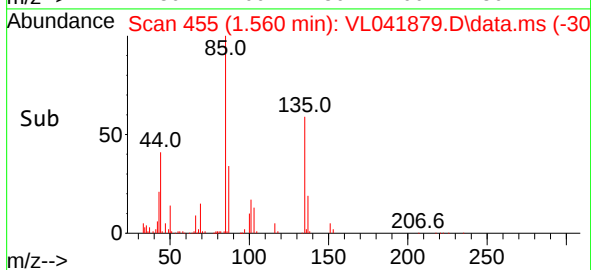
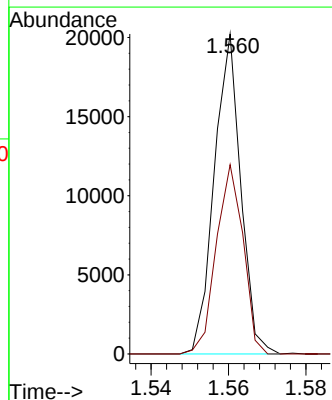
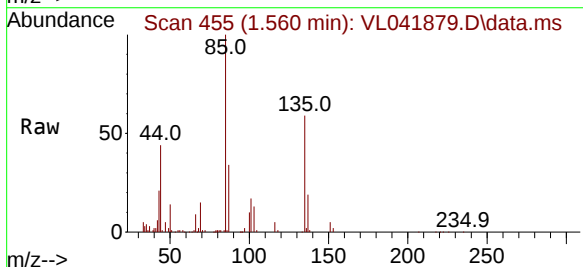
Instrument :
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ClientSampleId :

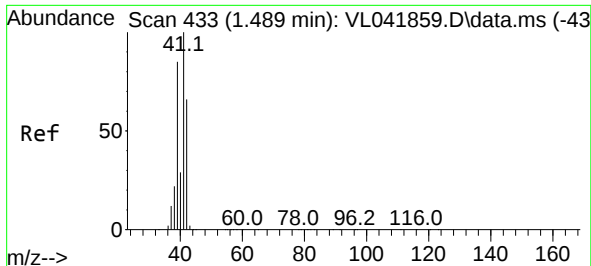
Tgt Ion: 64 Resp: 1659
Ion Ratio Lower Upper
64 100
66 19.4 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.555 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 85 Resp: 9599
Ion Ratio Lower Upper
85 100
135 60.1 52.2 78.4





#9

Propene

Concen: 0.515 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

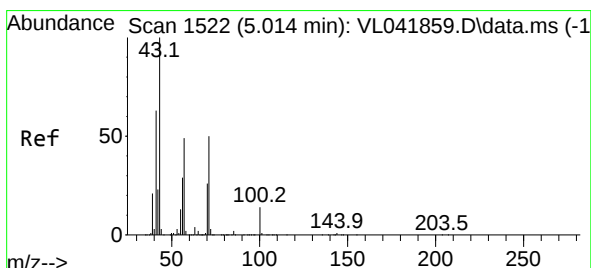
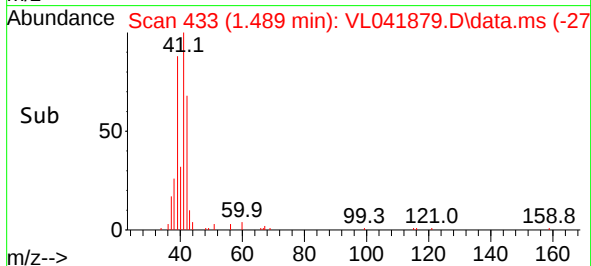
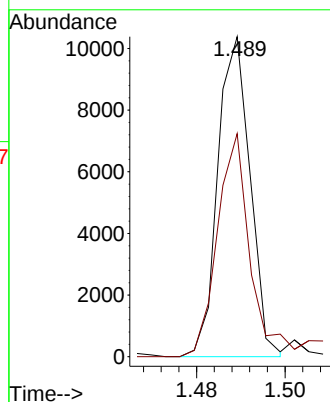
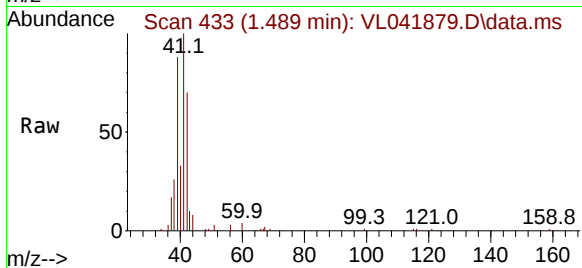
ClientSampleId :

Tgt Ion: 41 Resp: 5254

Ion Ratio Lower Upper

41 100

42 78.1 53.0 79.6



#10

Heptane

Concen: 0.339 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VL041879.D

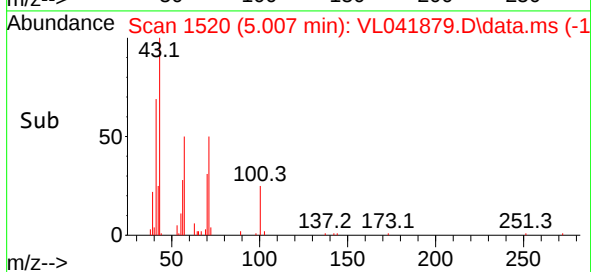
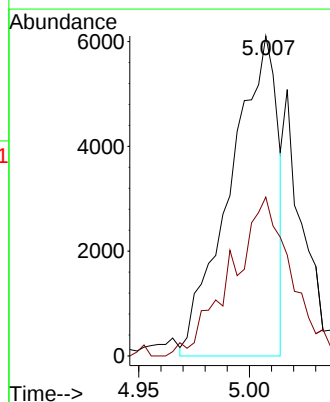
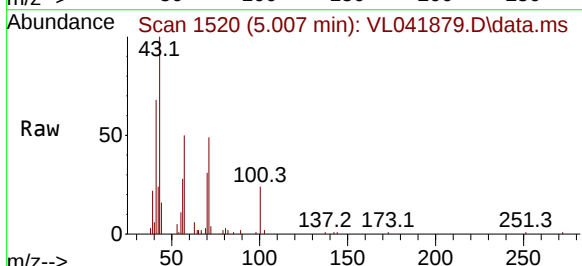
Acq: 09 Jan 2025 22:17

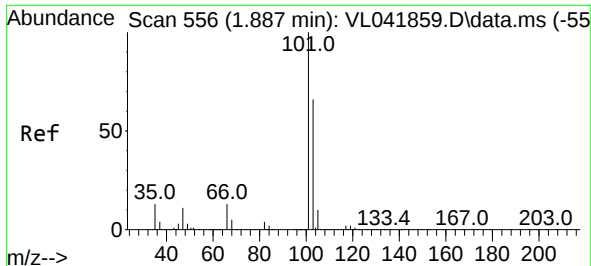
Tgt Ion: 43 Resp: 9121

Ion Ratio Lower Upper

43 100

57 62.5 40.2 60.2#

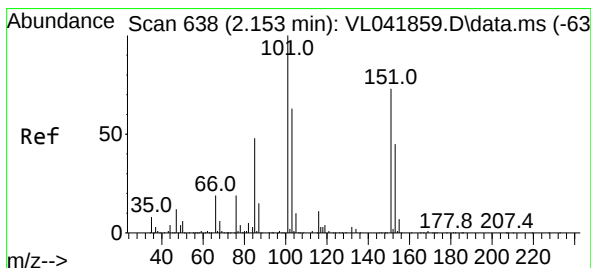
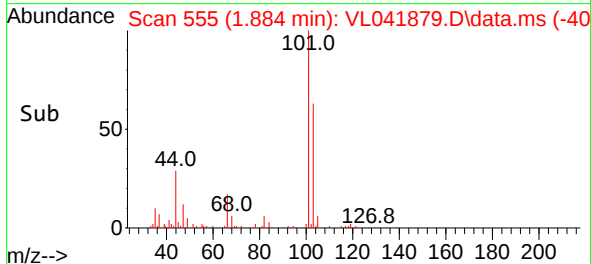
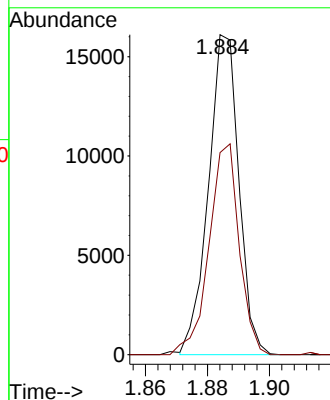
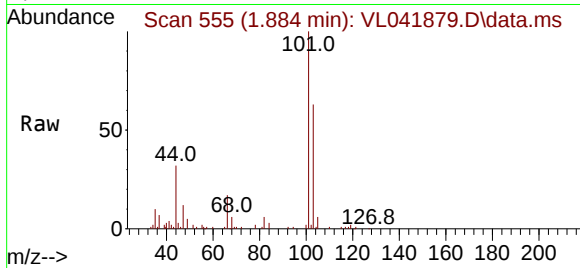




#11
 Trichlorofluoromethane
 Concen: 0.538 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

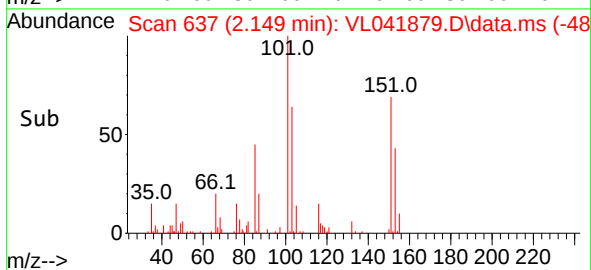
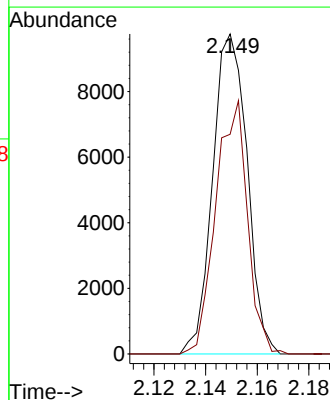
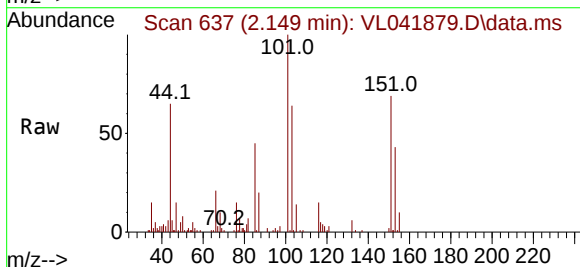
Instrument :
 MSVOA_L
 ClientSampleId :

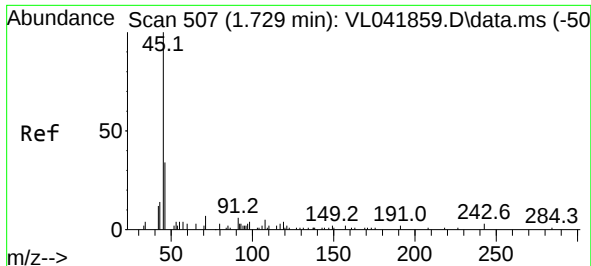
Tgt Ion:101 Resp: 10995
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.547 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion:101 Resp: 9039
 Ion Ratio Lower Upper
 101 100
 151 72.8 59.4 89.0

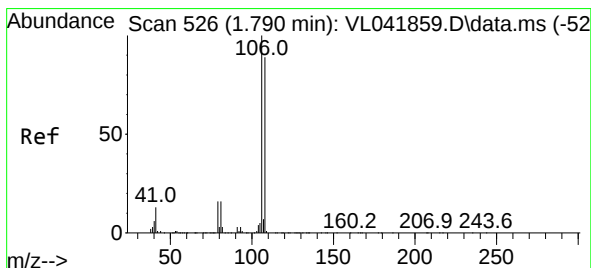
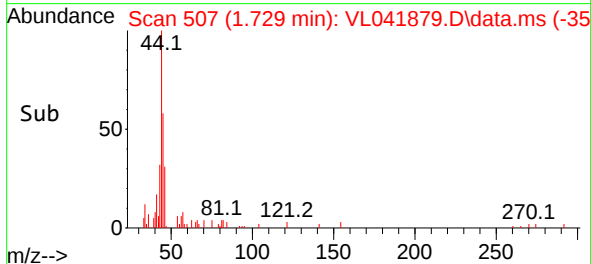
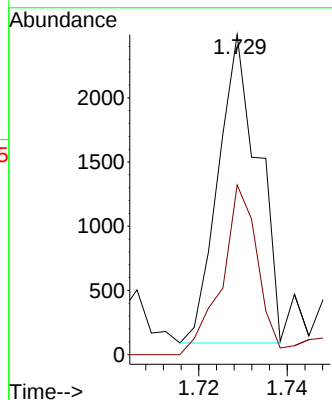
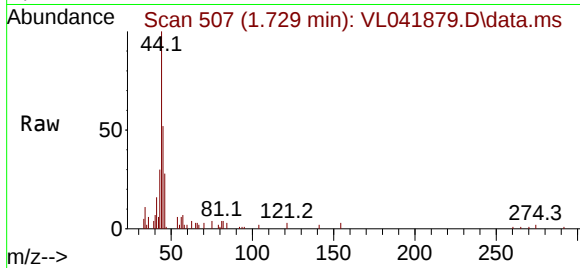




#13
Ethanol
Concen: 2.328 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

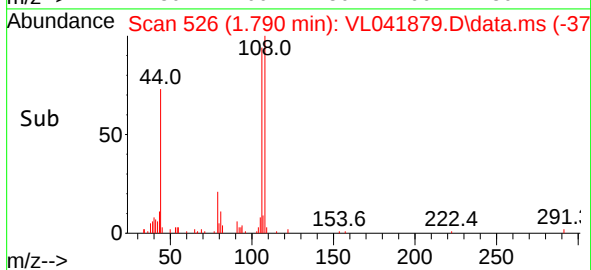
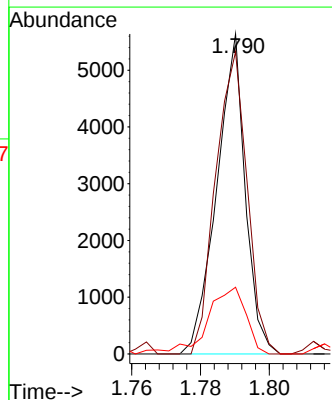
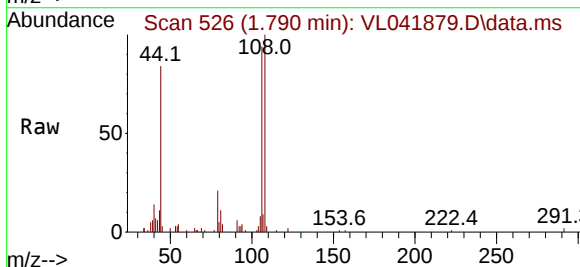
Instrument :
MSVOA_L
ClientSampleId :

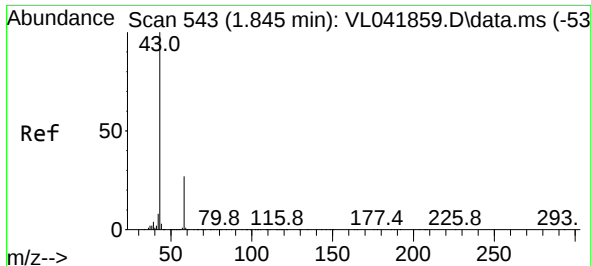
Tgt Ion: 45 Resp: 1507
Ion Ratio Lower Upper
45 100
46 56.1 19.0 76.0



#14
Bromoethene
Concen: 0.547 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

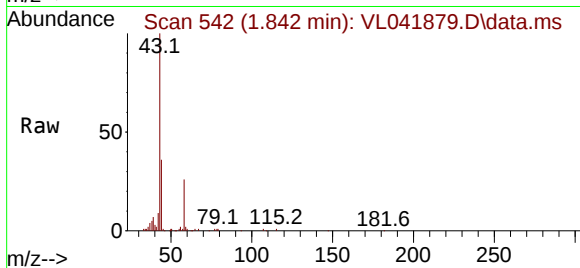
Tgt Ion: 108 Resp: 3238
Ion Ratio Lower Upper
108 100
106 108.4 86.9 130.3
79 35.4 15.6 23.4#



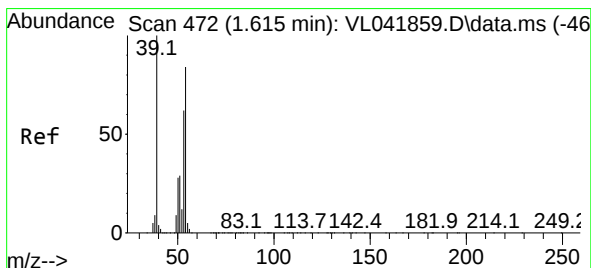
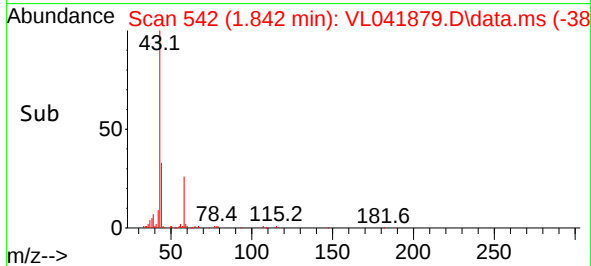
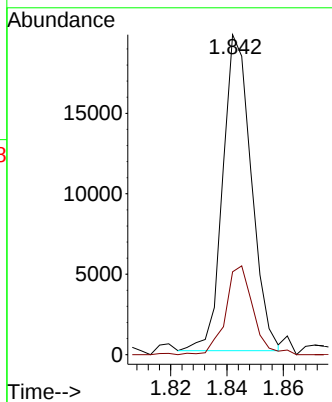


#15
Acetone
Concen: 0.676 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :

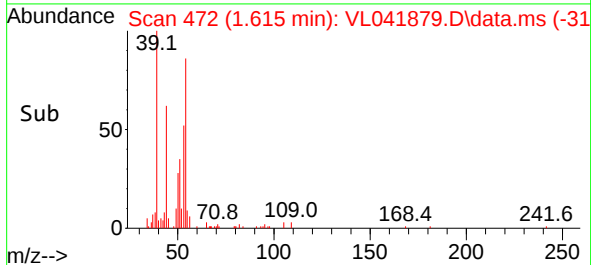
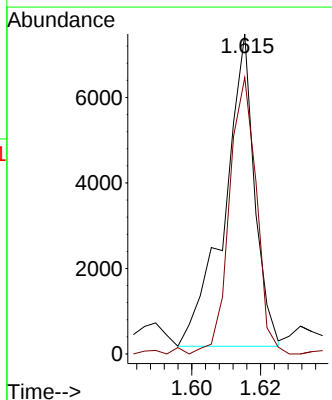
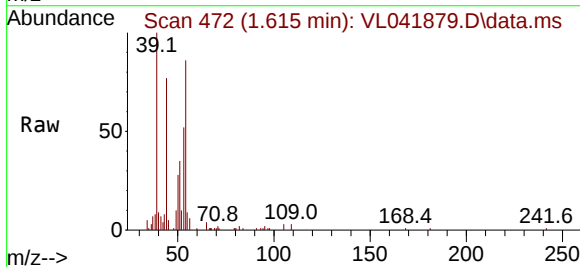


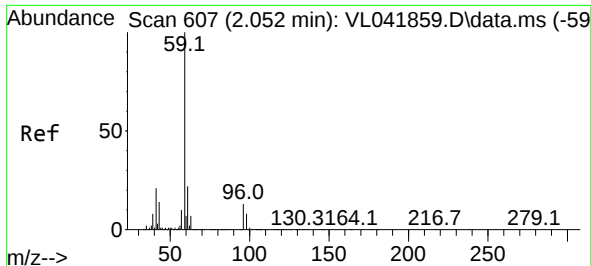
Tgt Ion: 43 Resp: 13816
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1



#16
1,3-Butadiene
Concen: 0.508 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 39 Resp: 4458
Ion Ratio Lower Upper
39 100
54 81.5 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.523 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

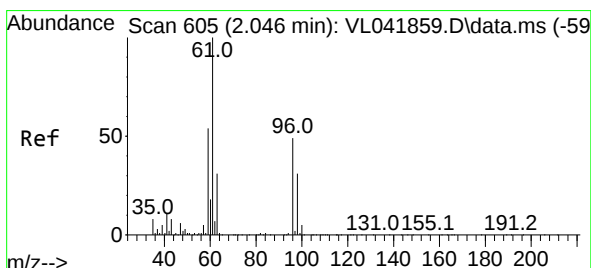
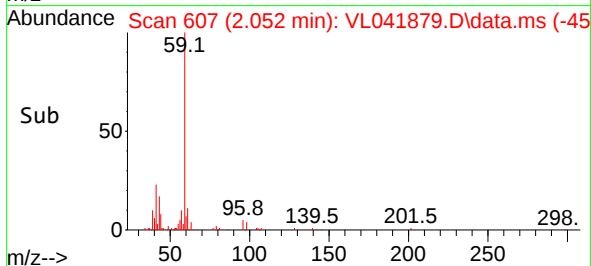
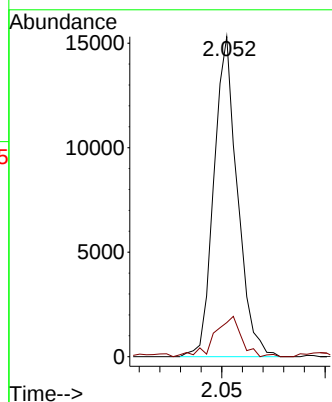
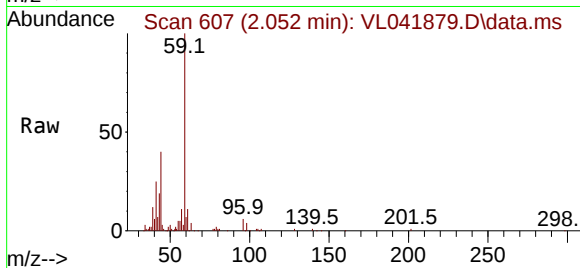
ClientSampleId :

Tgt Ion: 59 Resp: 12123

Ion Ratio Lower Upper

59 100

57 14.4 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.581 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

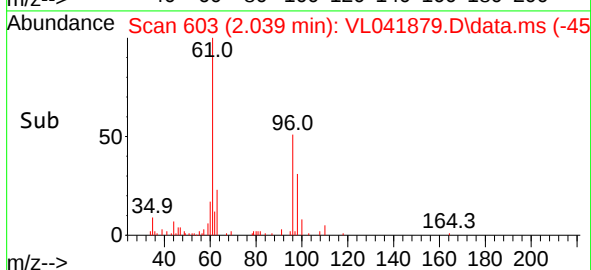
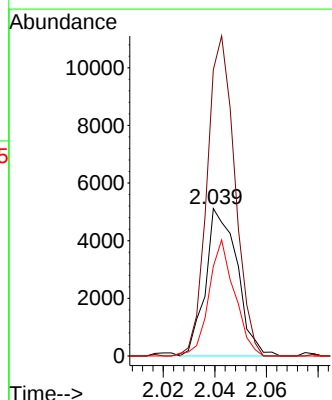
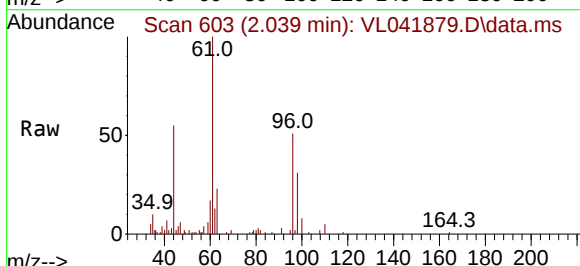
Tgt Ion: 96 Resp: 4350

Ion Ratio Lower Upper

96 100

61 194.2 161.7 242.5

98 60.8 51.0 76.4

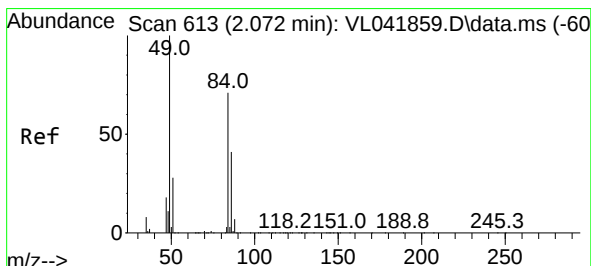
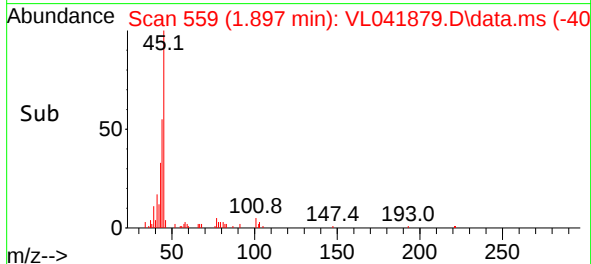
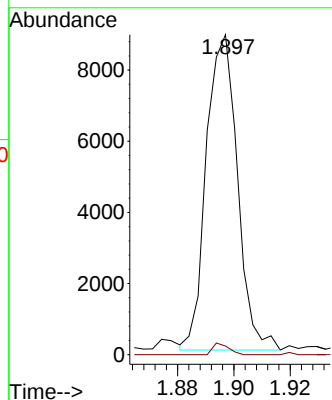
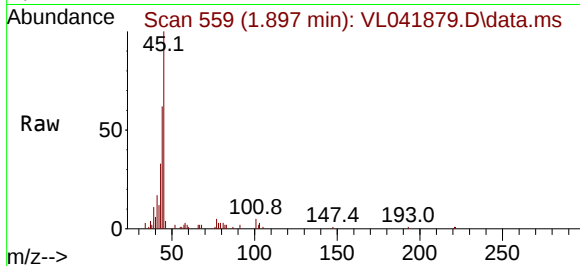




#19
Isopropyl Alcohol
Concen: 0.635 ppbv
RT: 1.897 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

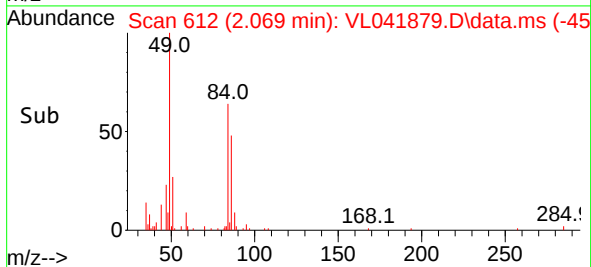
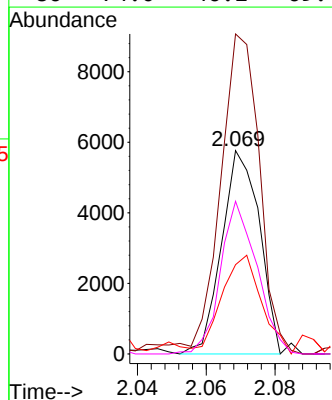
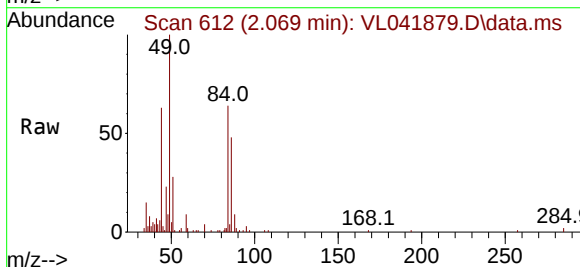
Instrument :
MSVOA_L
ClientSampleId :

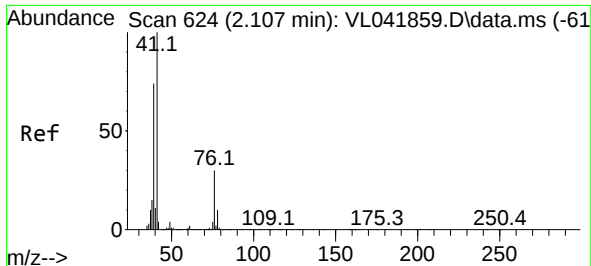
Tgt Ion: 45 Resp: 6814
Ion Ratio Lower Upper
45 100
58 55.2 37.0 55.6



#20
Methylene Chloride
Concen: 0.630 ppbv
RT: 2.069 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 84 Resp: 4388
Ion Ratio Lower Upper
84 100
49 152.1 113.8 170.8
51 40.3 33.5 50.3
86 74.0 46.2 69.4#

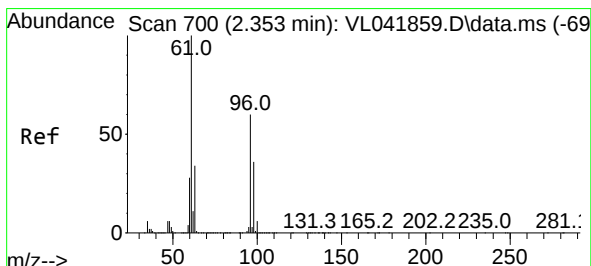
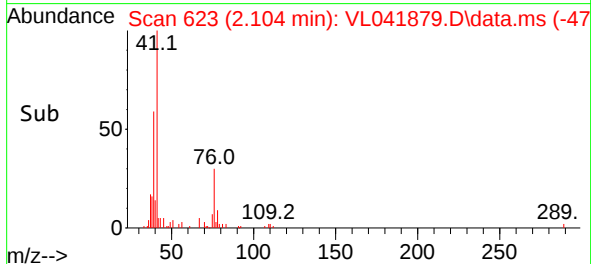
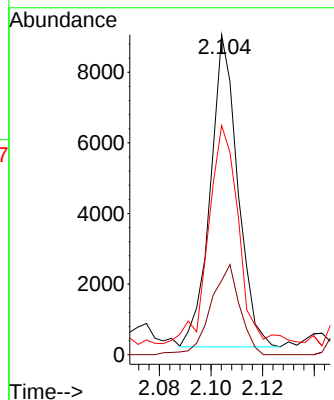
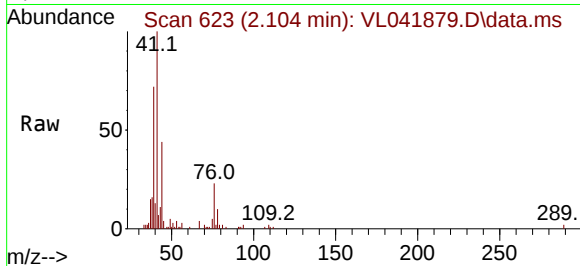




#21
 Allyl Chloride
 Concen: 0.500 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

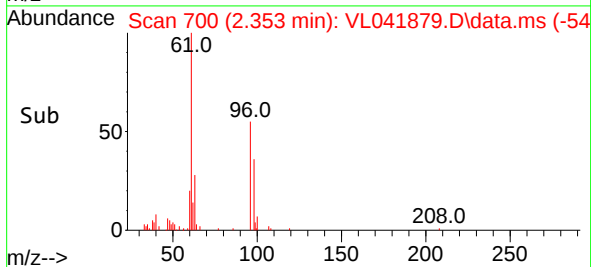
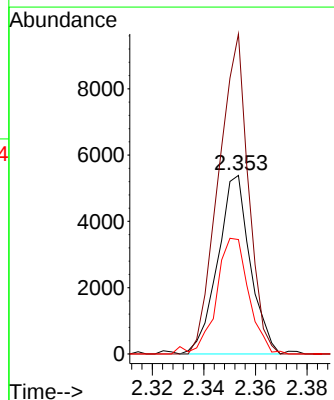
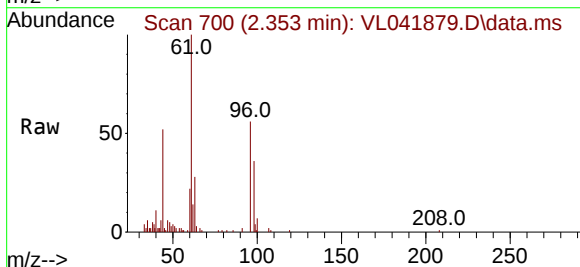
Instrument :
 MSVOA_L
 ClientSampleId :

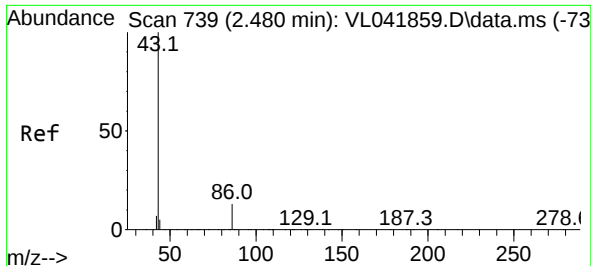
Tgt Ion: 41 Resp: 6531
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.6 36.8
 39 94.6 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.542 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 96 Resp: 4697
 Ion Ratio Lower Upper
 96 100
 61 179.2 134.2 201.4
 98 62.5 49.0 73.4

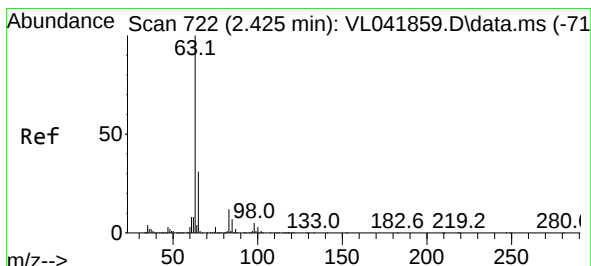
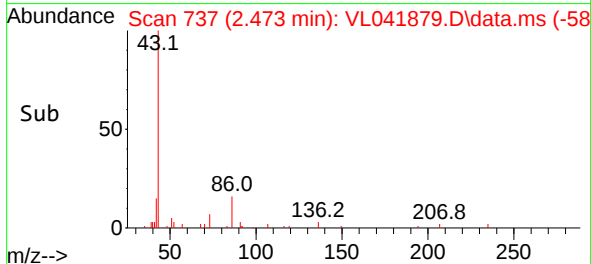
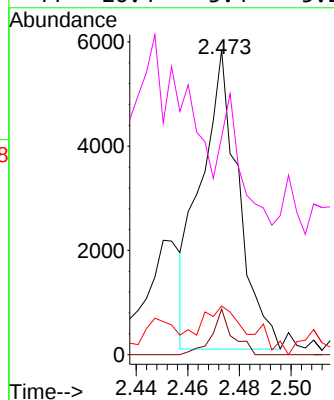
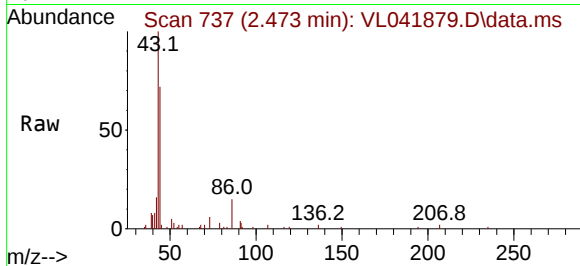




#23
 Vinyl Acetate
 Concen: 0.562 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

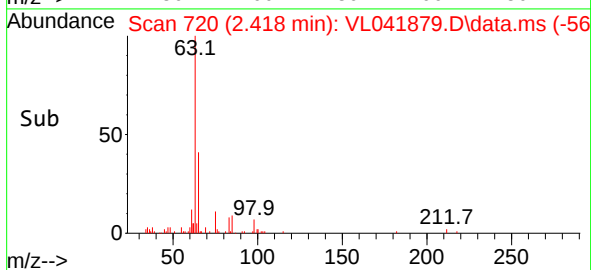
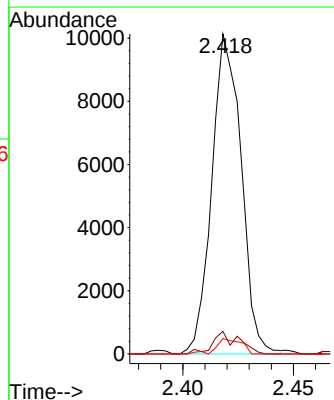
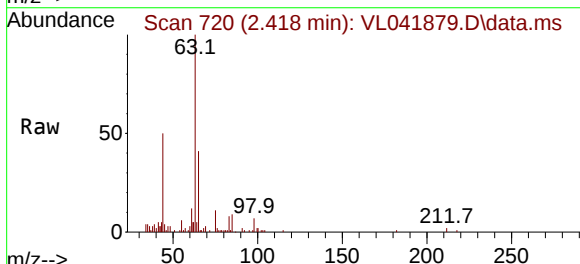
Instrument :
 MSVOA_L
 ClientSampleId :

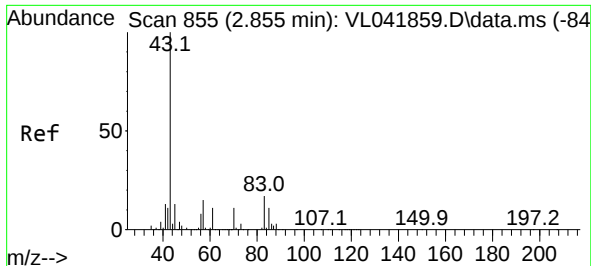
Tgt Ion: 43	Resp: 5814
Ion Ratio	Lower Upper
43 100	
86 15.2	7.8 11.6#
42 9.8	7.0 10.4
44 26.4	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.571 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 63	Resp: 9364
Ion Ratio	Lower Upper
63 100	
98 7.0	2.3 6.9#
100 4.8	1.3 3.8#

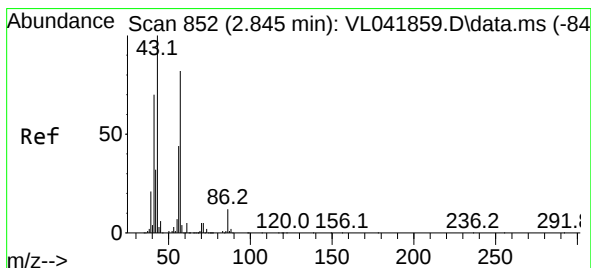
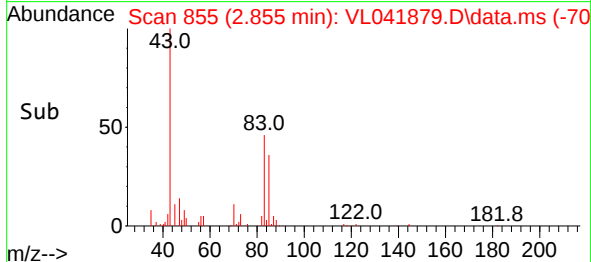
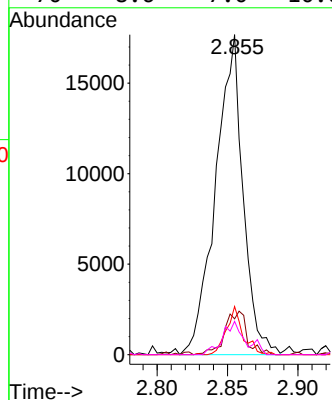
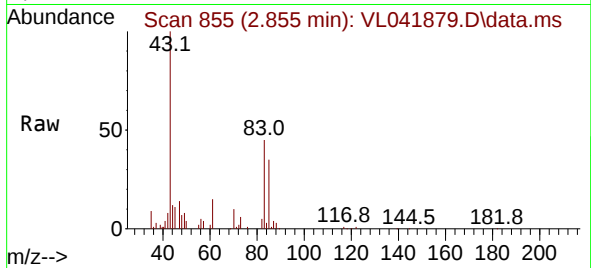




#25
Ethyl Acetate
Concen: 0.472 ppbv
RT: 2.855 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

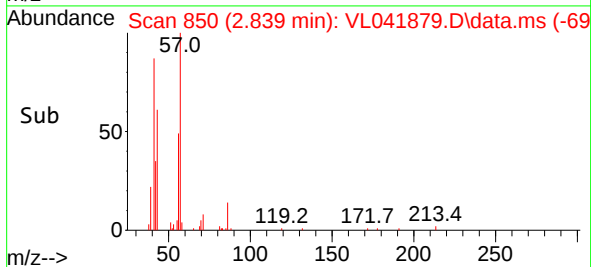
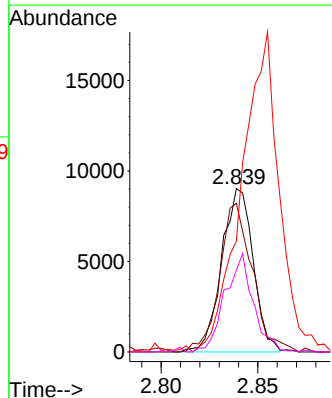
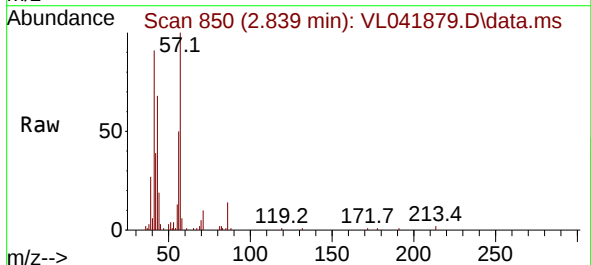
Instrument :
MSVOA_L
ClientSampleId :

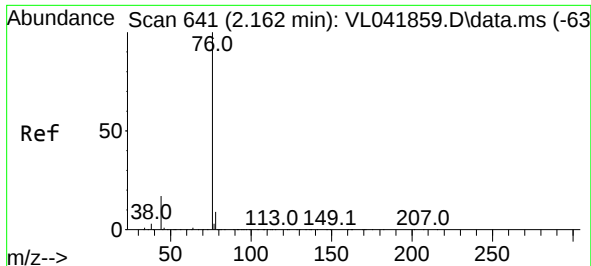
Tgt Ion: 43	Resp: 23966
Ion Ratio	Lower Upper
43 100	
45 11.7	8.4 12.6
61 9.1	7.3 10.9
70 8.6	7.0 10.6



#26
Hexane
Concen: 0.488 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 57	Resp: 10202
Ion Ratio	Lower Upper
57 100	
41 97.2	71.5 107.3
43 235.8	200.2 300.4
56 55.7	42.2 63.4

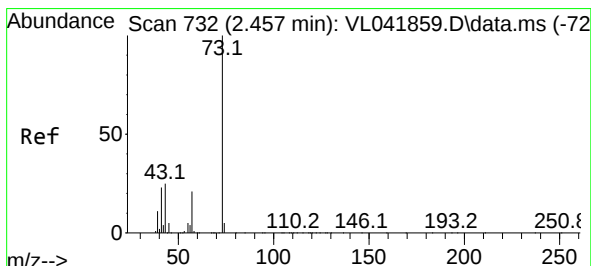
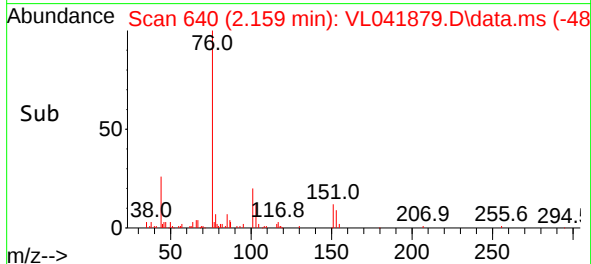
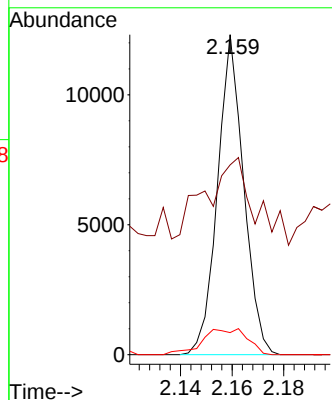
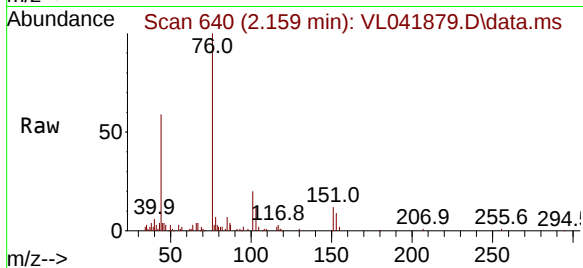




#27
Carbon Disulfide
Concen: 0.433 ppbv
RT: 2.159 min Scan# 641
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

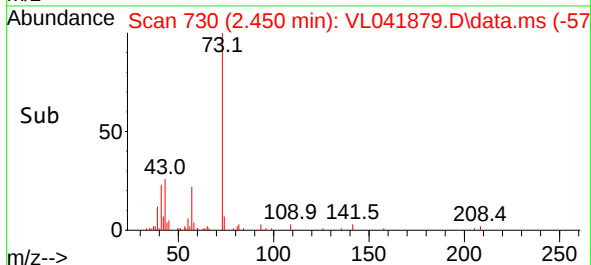
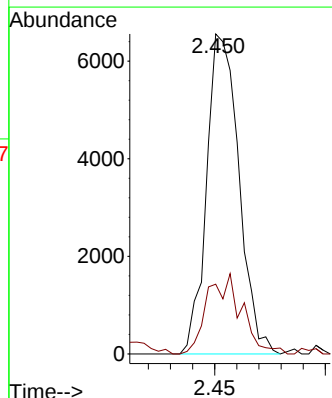
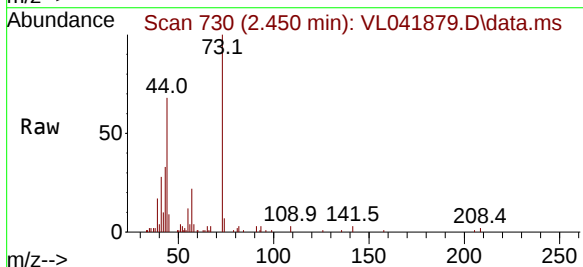
Instrument :
MSVOA_L
ClientSampleId :

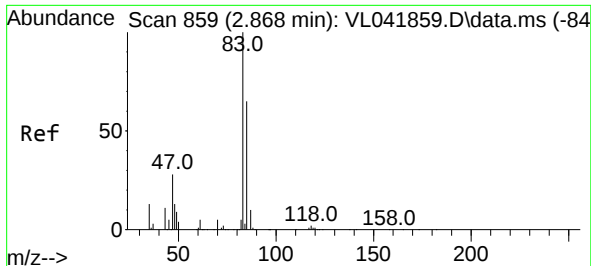
Tgt Ion: 76 Resp: 8656
Ion Ratio Lower Upper
76 100
44 105.2 13.1 19.7#
78 13.9 9.5 14.3



#28
Methyl tert-Butyl Ether
Concen: 0.418 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 73 Resp: 6661
Ion Ratio Lower Upper
73 100
57 27.6 17.5 26.3#





#29

Chloroform

Concen: 0.528 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

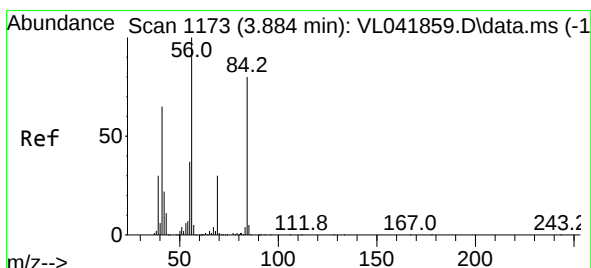
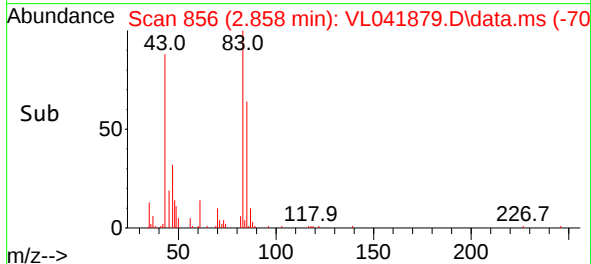
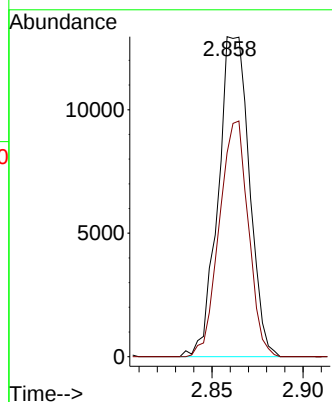
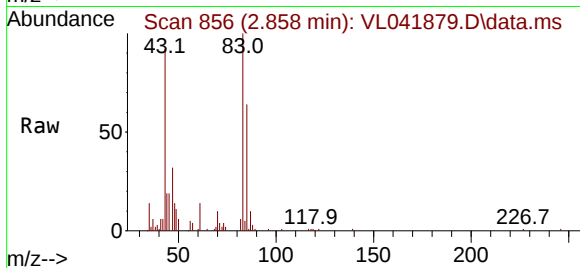
ClientSampleId :

Tgt Ion: 83 Resp: 15434

Ion Ratio Lower Upper

83 100

85 63.7 51.7 77.5



#30

Cyclohexane

Concen: 0.502 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

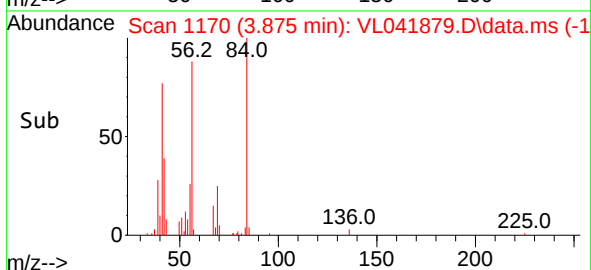
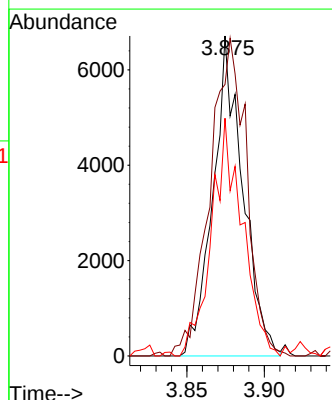
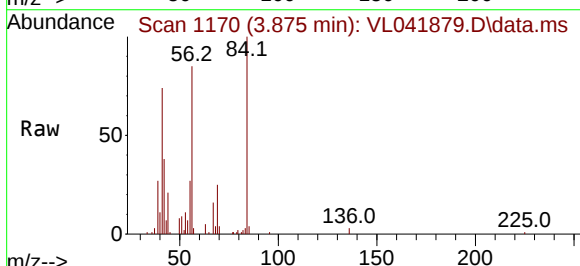
Tgt Ion: 84 Resp: 8999

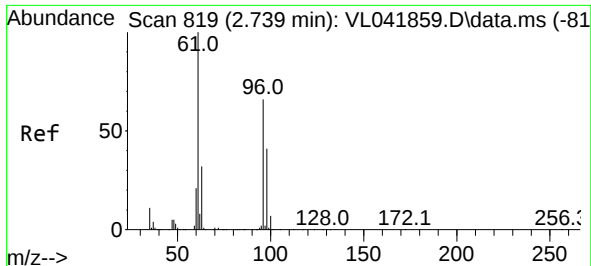
Ion Ratio Lower Upper

84 100

56 121.3 100.7 151.1

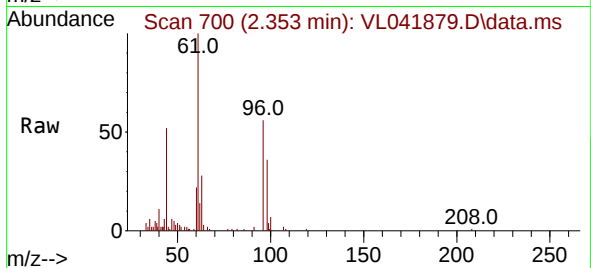
41 79.7 62.8 94.2



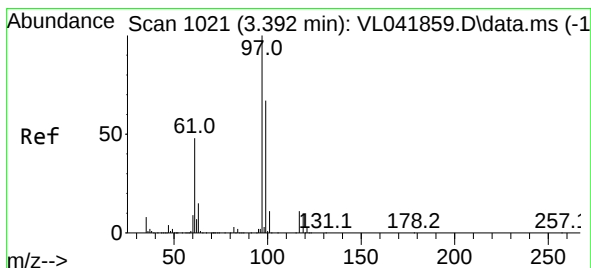
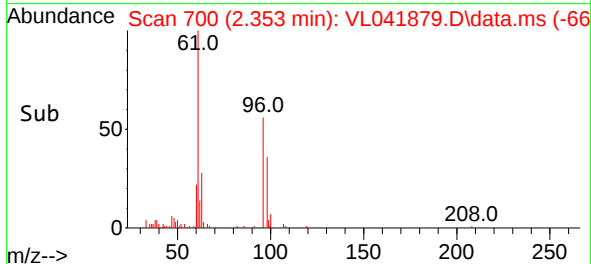
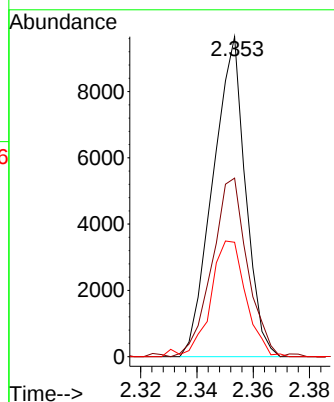


#31
 cis-1,2-Dichloroethene
 Concen: 0.380 ppbv
 RT: 2.353 min Scan# 70
 Delta R.T. -0.385 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Instrument :
 MSVOA_L
 ClientSampleId :

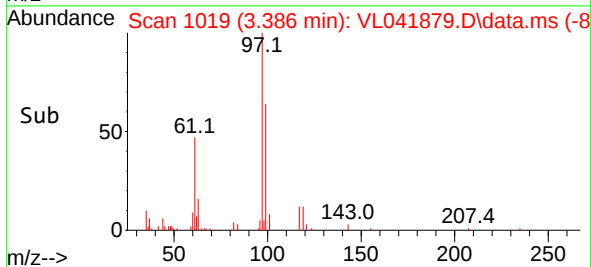
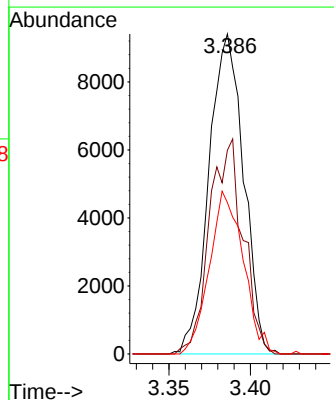
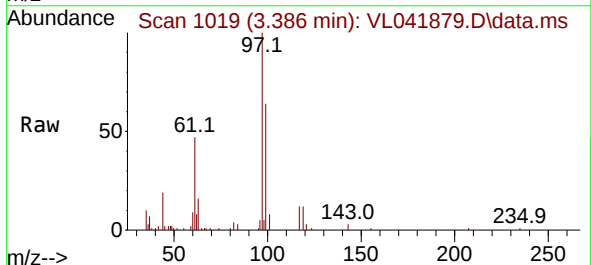


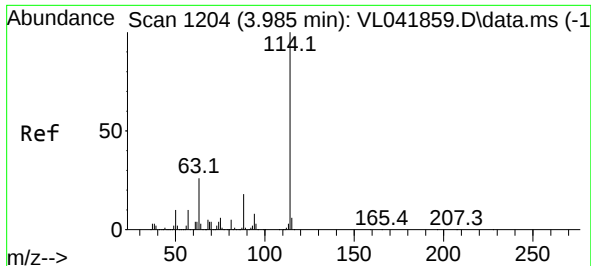
Tgt Ion: 61 Resp: 7749
 Ion Ratio Lower Upper
 61 100
 96 55.8 53.2 79.8
 98 35.0 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.477 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 97 Resp: 13839
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.0 78.0
 61 50.1 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

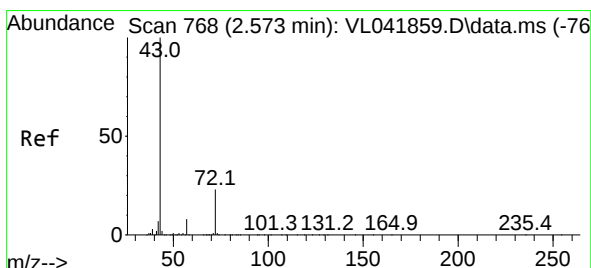
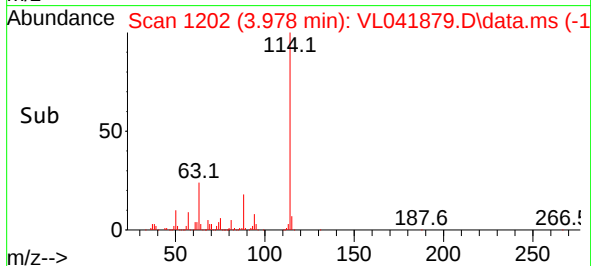
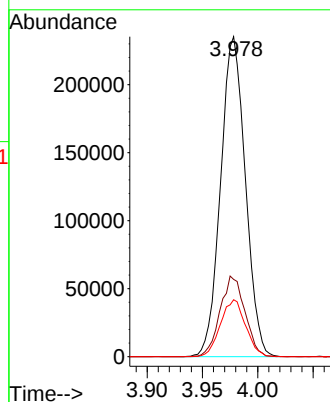
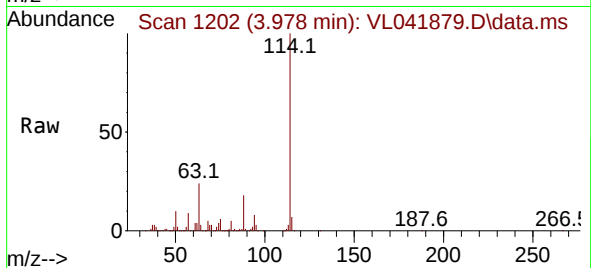
Tgt Ion:114 Resp: 366226

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 0.490 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041879.D

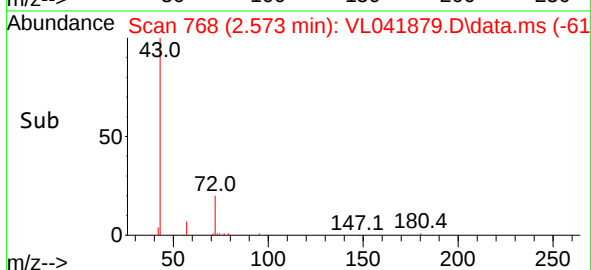
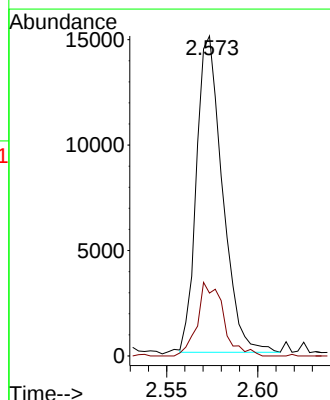
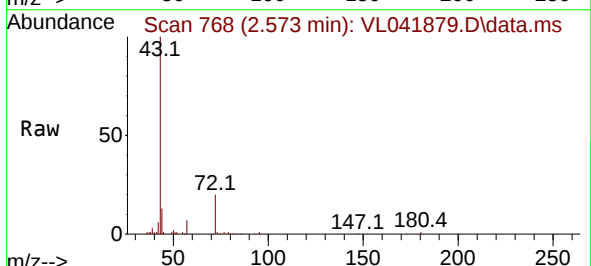
Acq: 09 Jan 2025 22:17

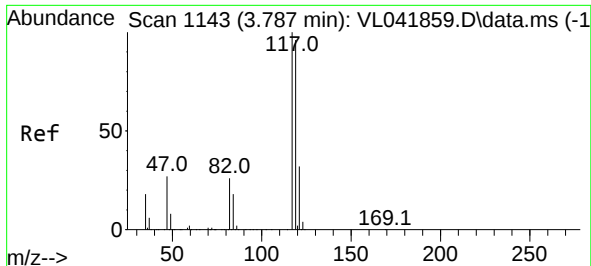
Tgt Ion: 43 Resp: 14922

Ion Ratio Lower Upper

43 100

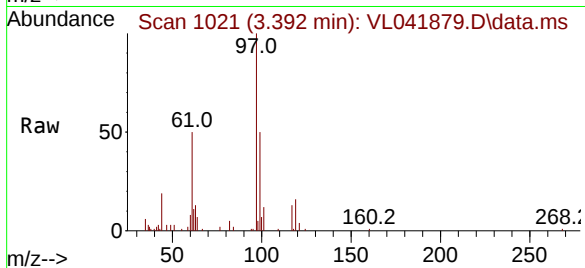
72 23.1 18.5 27.7



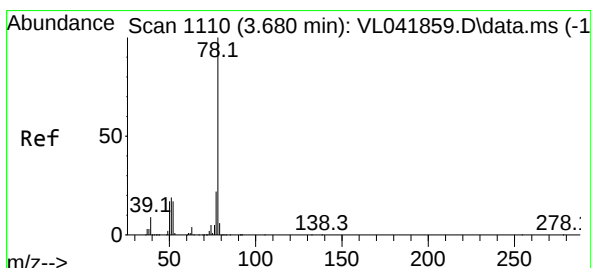
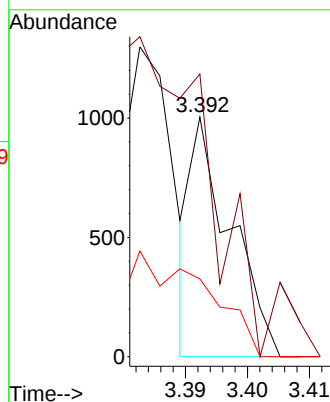
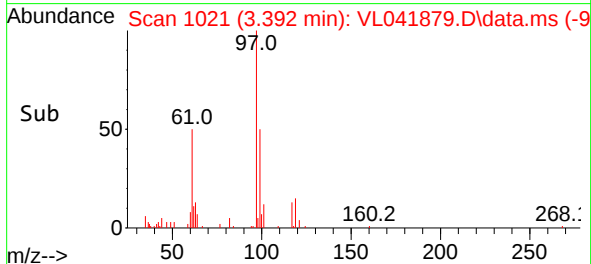


#35
Carbon Tetrachloride
Concen: 0.016 ppbv
RT: 3.392 min Scan# 1143
Delta R.T. -0.395 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

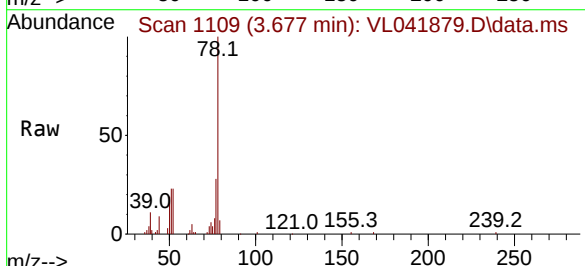
Instrument :
MSVOA_L
ClientSampleId :



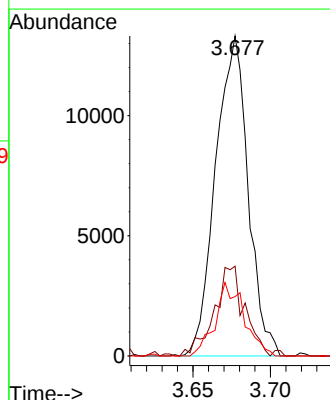
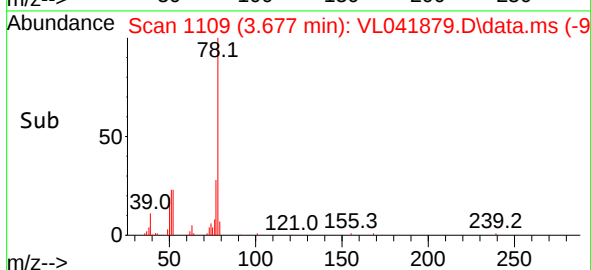
Tgt Ion:117 Resp: 442
Ion Ratio Lower Upper
117 100
119 87.0 76.9 115.3
121 32.5 25.9 38.9

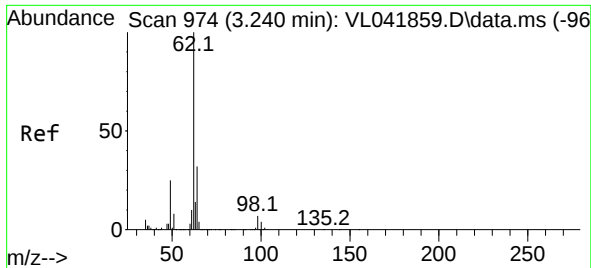


#36
Benzene
Concen: 0.457 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17



Tgt Ion: 78 Resp: 19420
Ion Ratio Lower Upper
78 100
77 28.1 17.9 26.9#
50 18.6 13.7 20.5

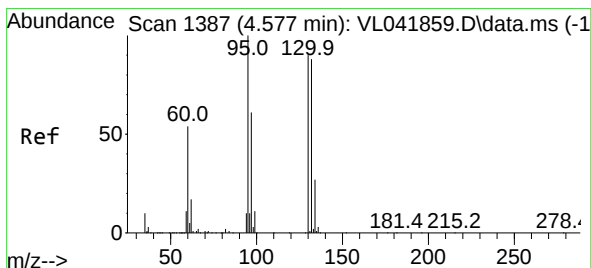
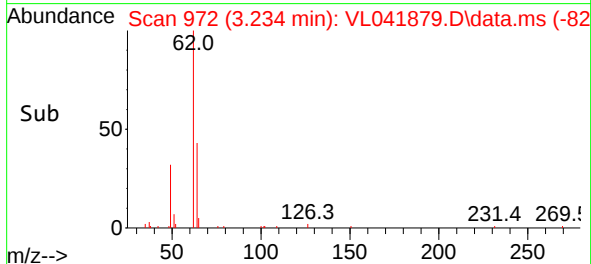
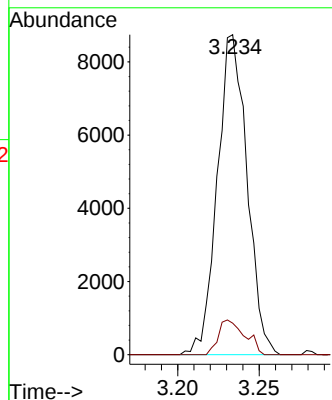
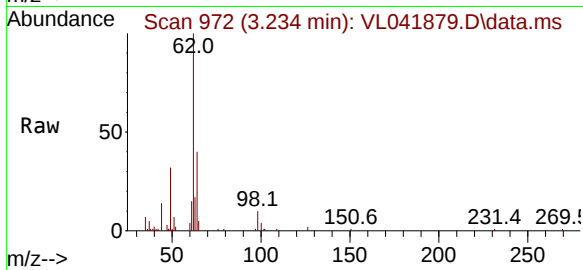




#37
1,2-Dichloroethane
Concen: 0.497 ppbv
RT: 3.234 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

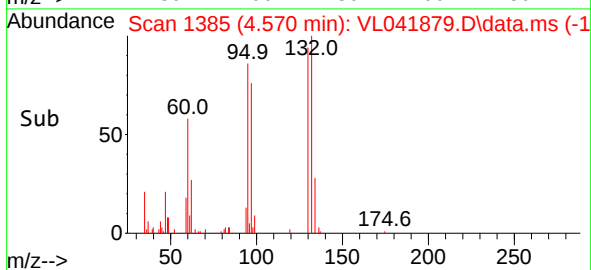
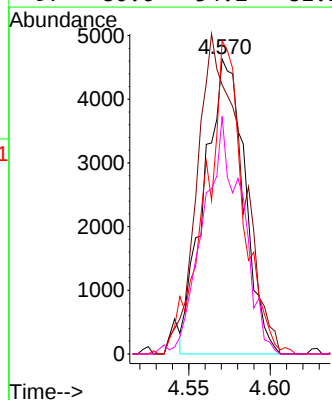
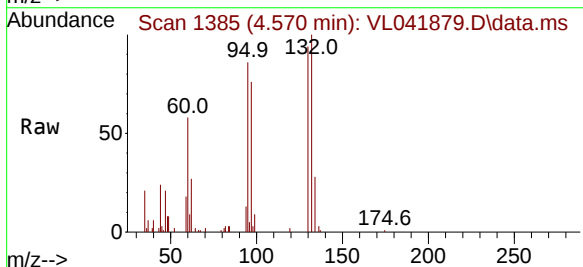
Instrument :
MSVOA_L
ClientSampleId :

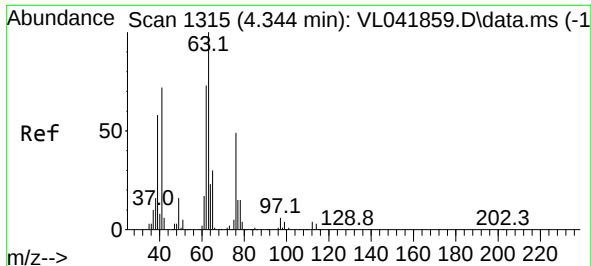
Tgt Ion: 62 Resp: 11074
Ion Ratio Lower Upper
62 100
98 9.7 5.6 8.4#



#38
Trichloroethene
Concen: 0.477 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:130 Resp: 7999
Ion Ratio Lower Upper
130 100
95 91.2 88.5 132.7
132 104.8 78.2 117.2
97 80.6 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.496 ppbv

RT: 4.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041879.D

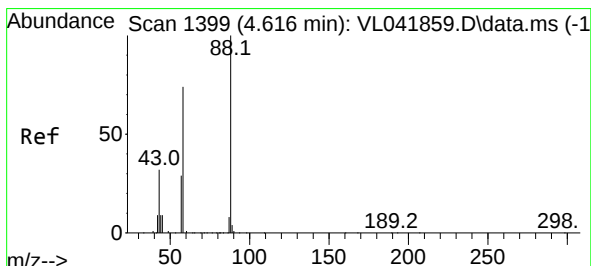
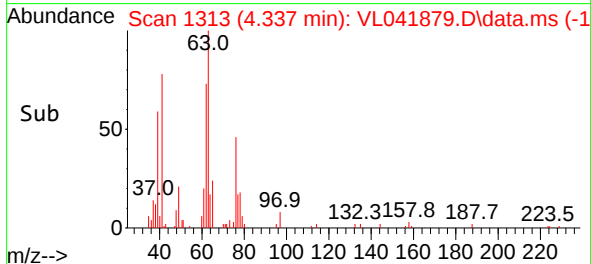
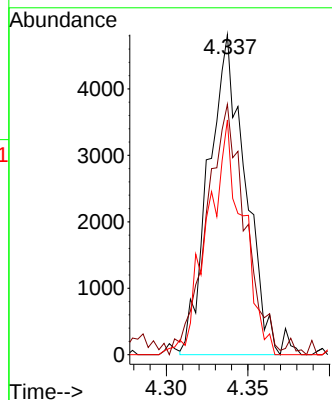
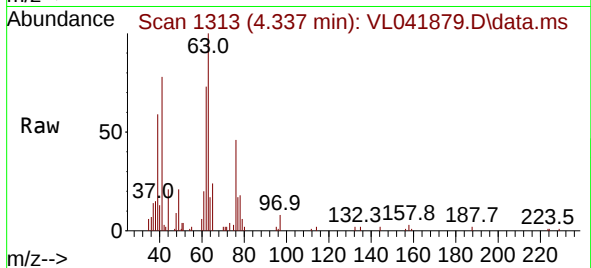
Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63	Resp: 7491
Ion Ratio	Lower Upper
63 100	
41 65.6	58.0 87.0
62 62.6	58.6 87.8



#40

1,4-Dioxane

Concen: 0.074 ppbv

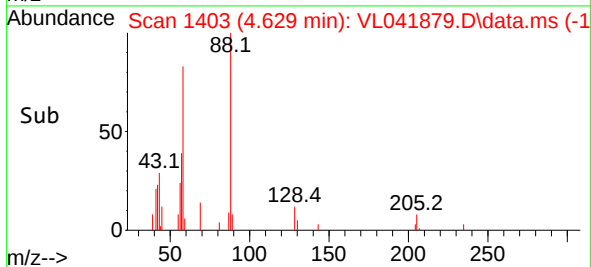
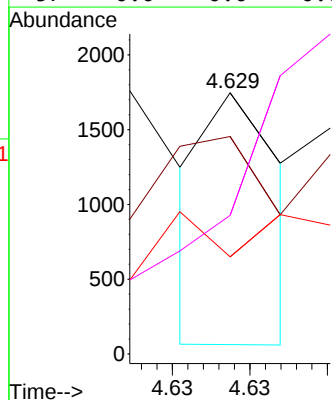
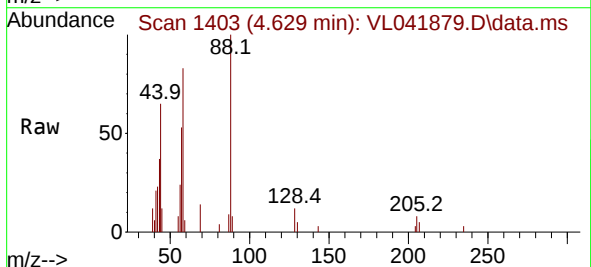
RT: 4.629 min Scan# 1403

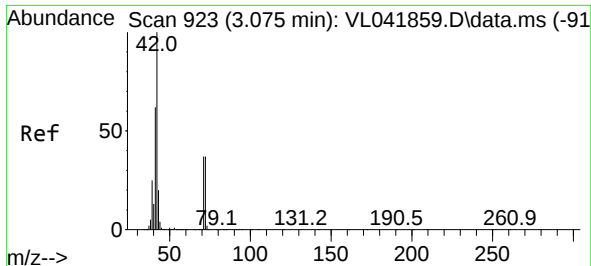
Delta R.T. 0.013 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Tgt Ion: 88	Resp: 562
Ion Ratio	Lower Upper
88 100	
58 0.0	52.2 78.4#
43 0.0	0.0 0.0
57 0.0	0.0 0.0

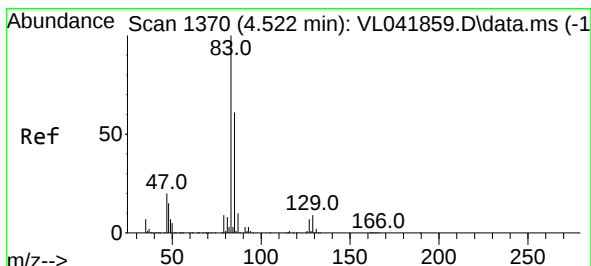
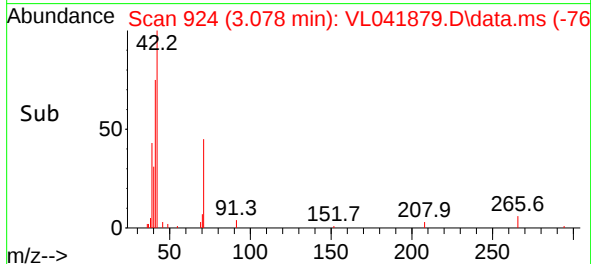
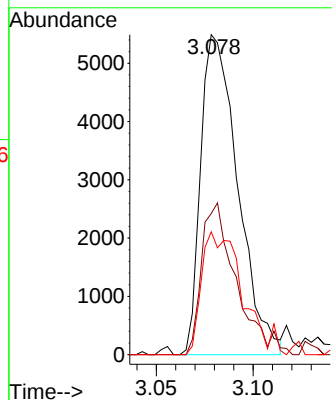
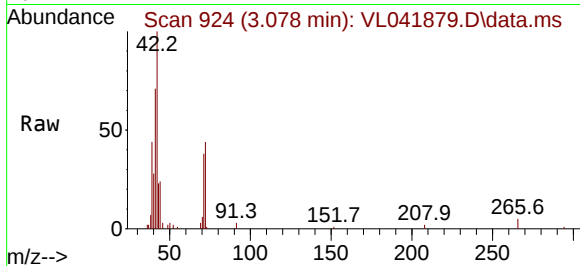




#41
Tetrahydrofuran
Concen: 0.409 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

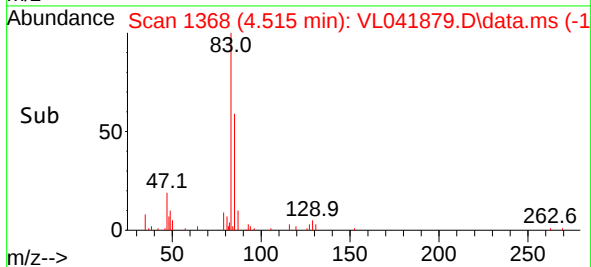
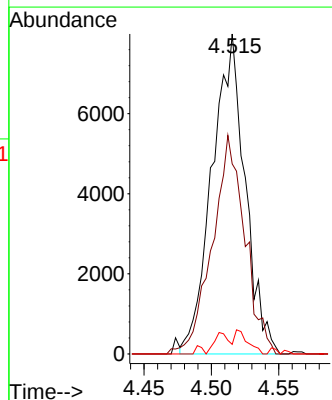
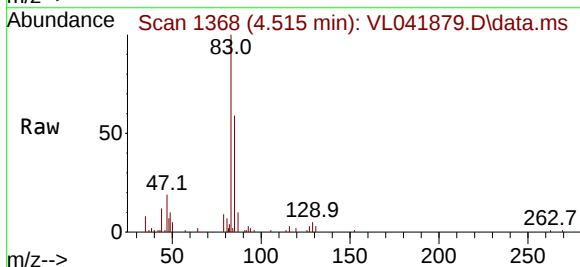
Instrument :
MSVOA_L
ClientSampleId :

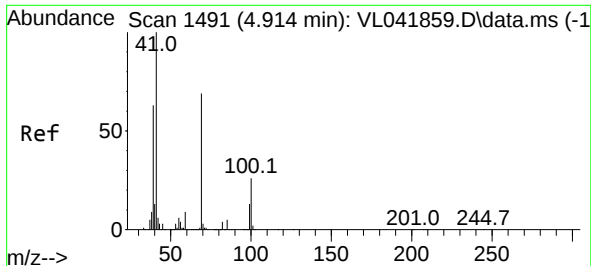
Tgt Ion: 42 Resp: 7317
Ion Ratio Lower Upper
42 100
72 45.4 30.8 46.2
71 43.4 30.1 45.1



#42
Bromodichloromethane
Concen: 0.445 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 83 Resp: 13624
Ion Ratio Lower Upper
83 100
85 59.4 48.9 73.3
127 3.0 5.4 8.2#

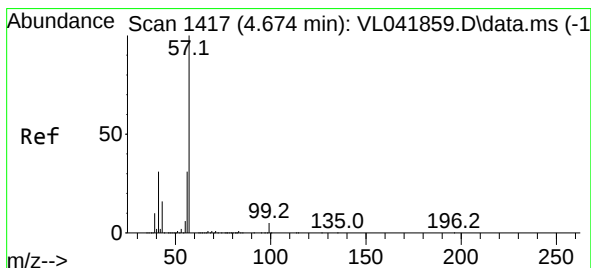
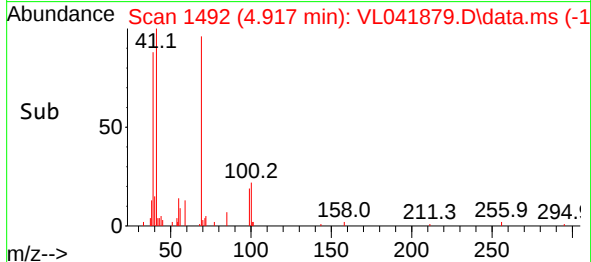
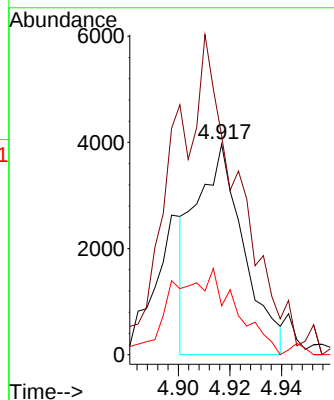
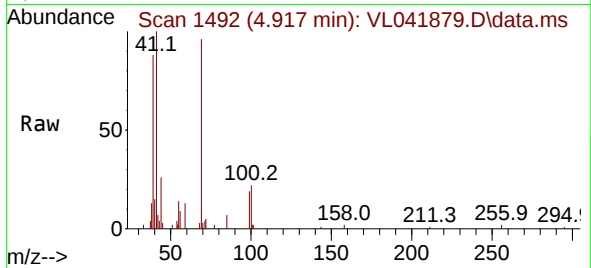




#43
Methyl Methacrylate
Concen: 0.295 ppbv
RT: 4.917 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

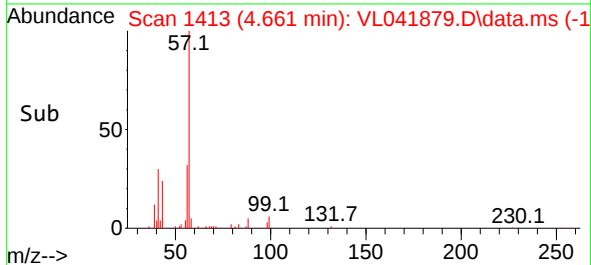
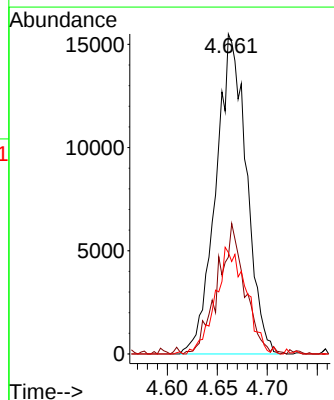
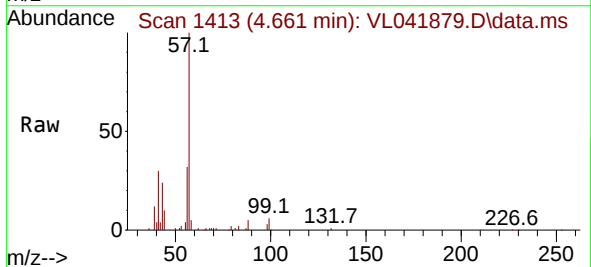
Instrument :
MSVOA_L
ClientSampleId :

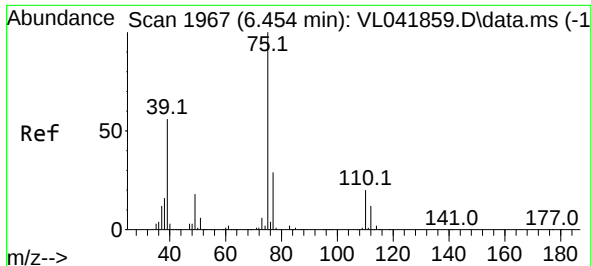
Tgt Ion: 69 Resp: 5138
Ion Ratio Lower Upper
69 100
41 214.3 116.2 174.4#
100 58.1 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.460 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 57 Resp: 32989
Ion Ratio Lower Upper
57 100
41 36.9 25.5 38.3
56 33.7 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 0.182 ppbv

RT: 6.441 min Scan# 1963

Delta R.T. -0.013 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

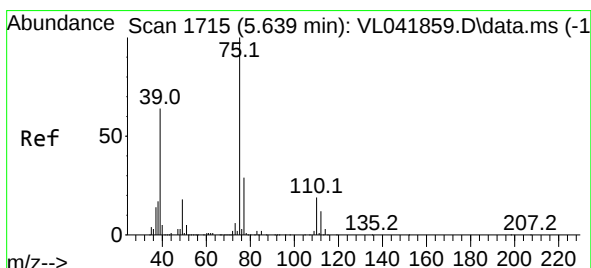
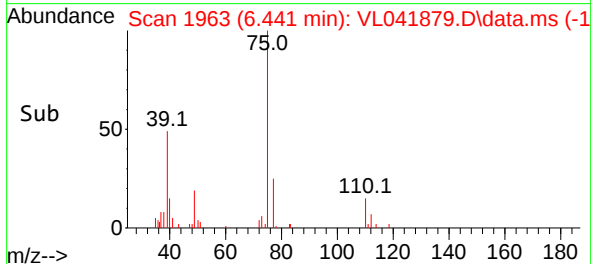
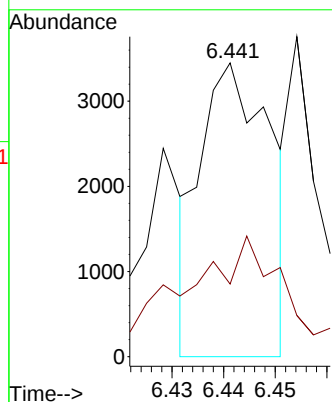
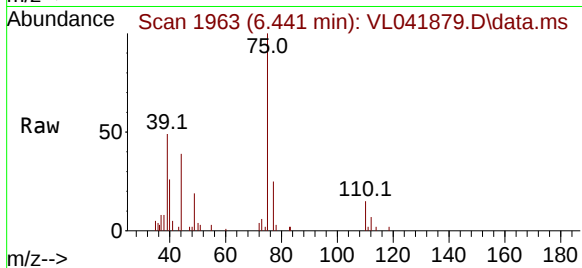
ClientSampleId :

Tgt Ion: 75 Resp: 3241

Ion Ratio Lower Upper

75 100

77 24.7 23.4 35.2



#46

cis-1,3-Dichloropropene

Concen: 0.133 ppbv

RT: 5.632 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

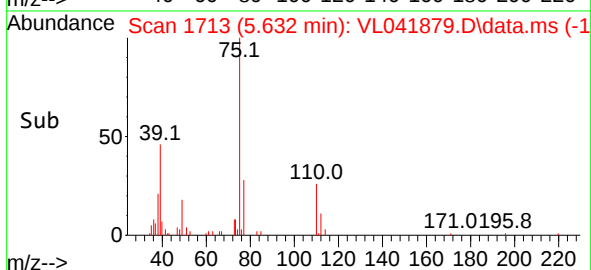
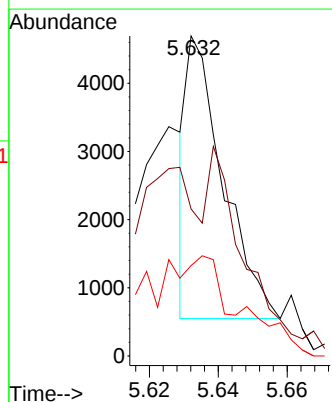
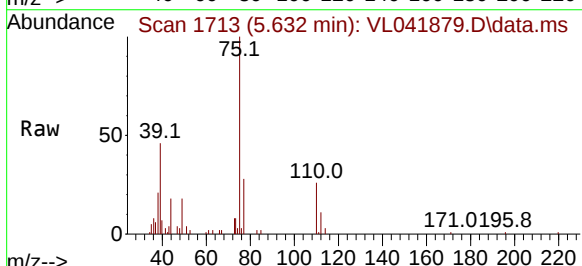
Tgt Ion: 75 Resp: 3037

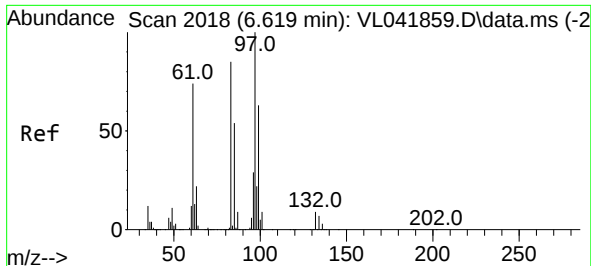
Ion Ratio Lower Upper

75 100

39 39.3 51.4 77.2#

77 20.3 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.125 ppbv

RT: 6.603 min Scan# 2018

Delta R.T. -0.016 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1992

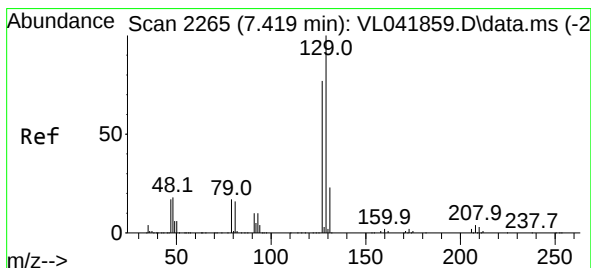
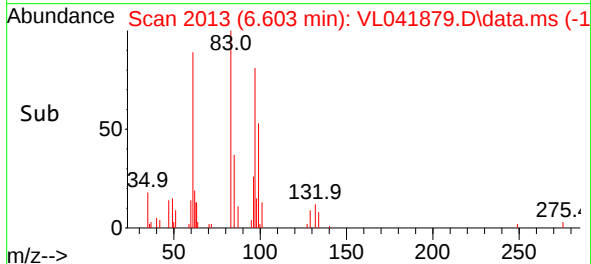
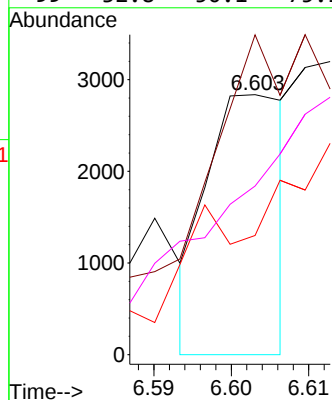
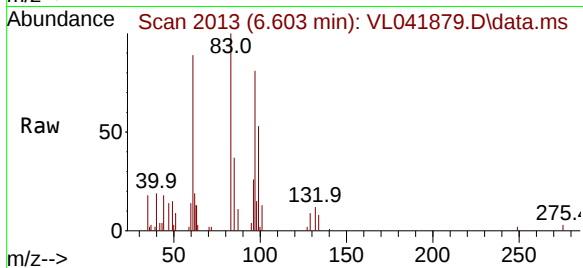
Ion Ratio Lower Upper

97 100

83 133.0 68.1 102.1#

85 17.3 43.4 65.2#

99 32.8 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.269 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.013 min

Lab File: VL041879.D

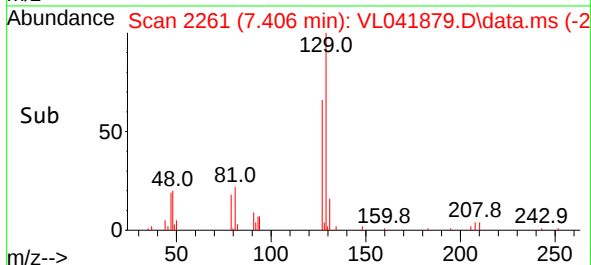
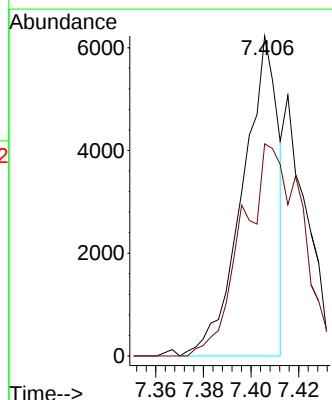
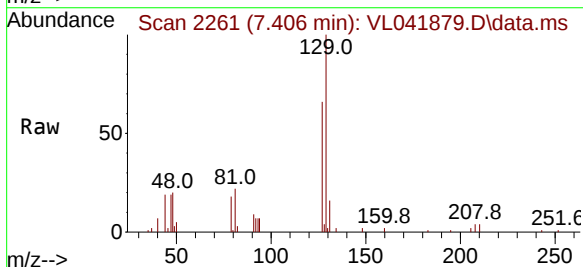
Acq: 09 Jan 2025 22:17

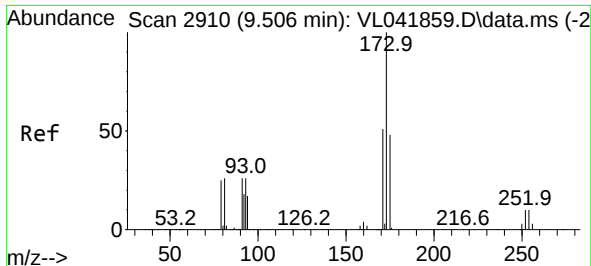
Tgt Ion: 129 Resp: 6478

Ion Ratio Lower Upper

129 100

127 111.2 39.4 118.1

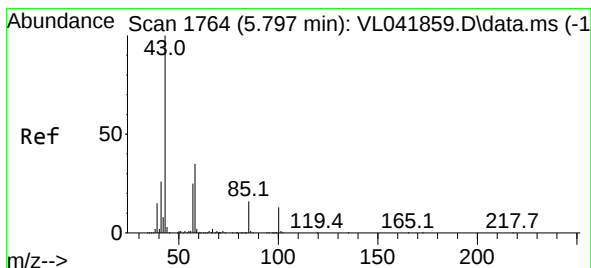
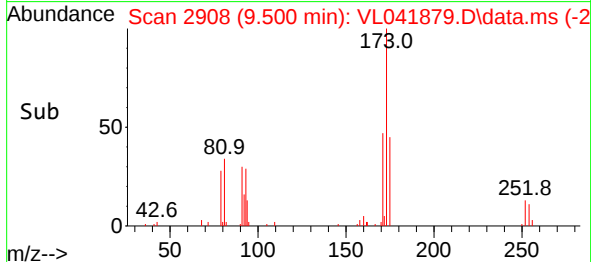
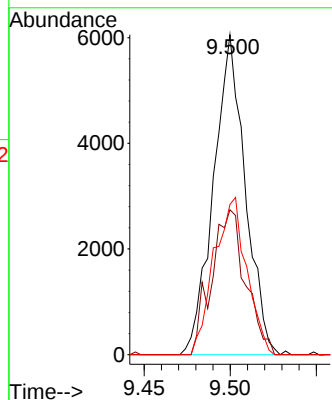
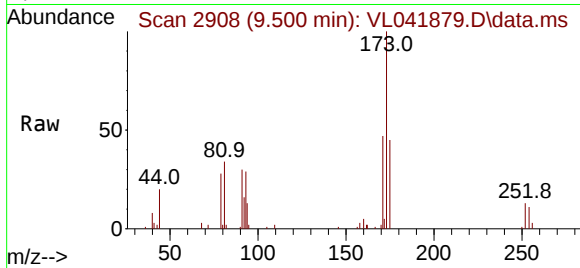




#49
Bromoform
Concen: 0.369 ppbv
RT: 9.500 min Scan# 2910
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

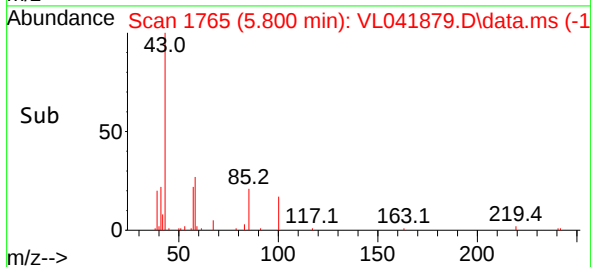
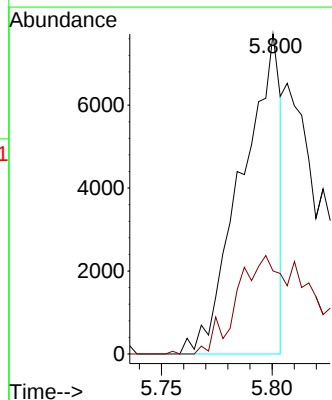
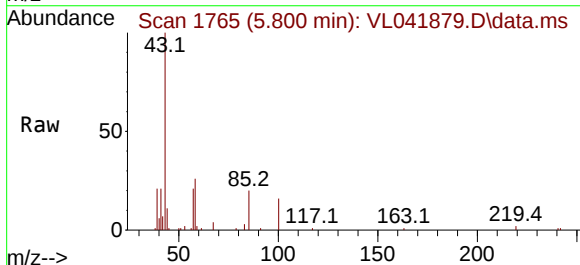
Instrument :
MSVOA_L
ClientSampleId :

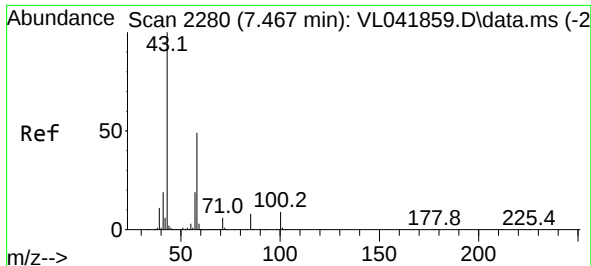
Tgt Ion:173 Resp: 7759
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
171 50.5 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 0.217 ppbv
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 43 Resp: 9431
Ion Ratio Lower Upper
43 100
58 63.8 29.4 44.2#

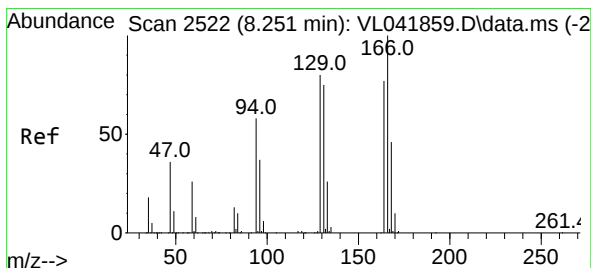
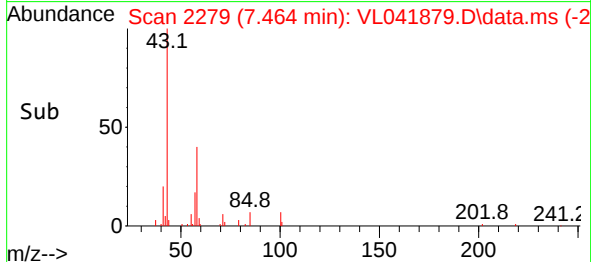
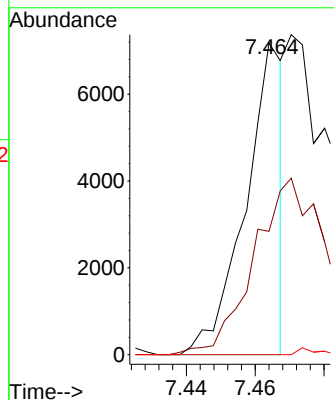
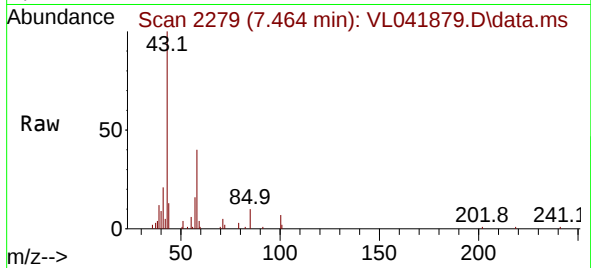




#51
2-Hexanone
Concen: 0.152 ppbv
RT: 7.464 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

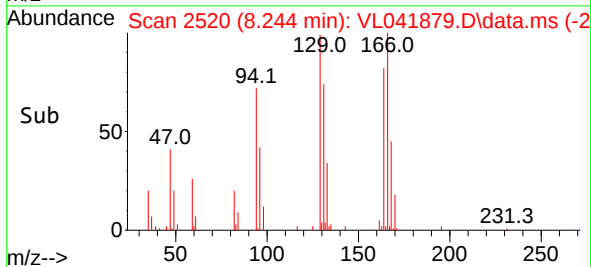
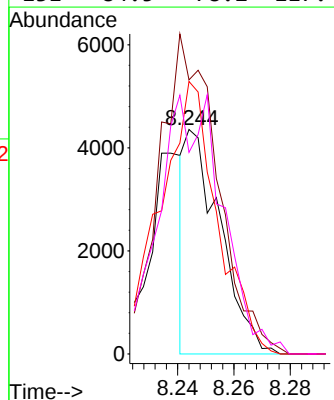
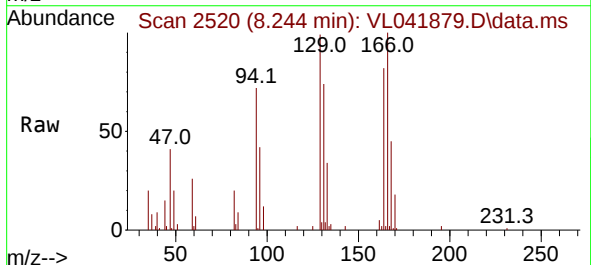
Instrument :
MSVOA_L
ClientSampleId :

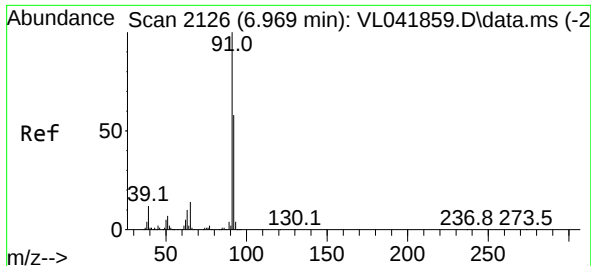
Tgt Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.228 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 164 Resp: 3712
Ion Ratio Lower Upper
164 100
166 119.6 103.6 155.4
129 121.4 82.6 123.8
131 84.5 78.2 117.4

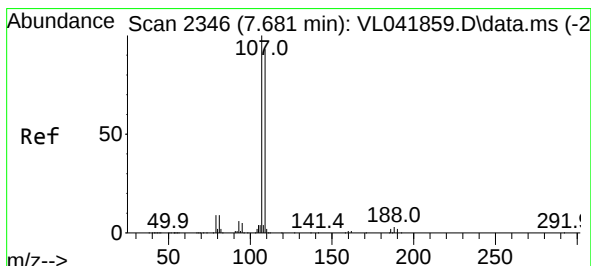
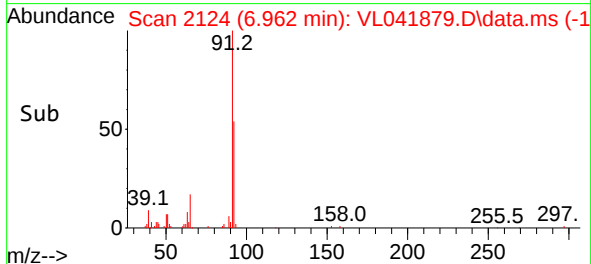
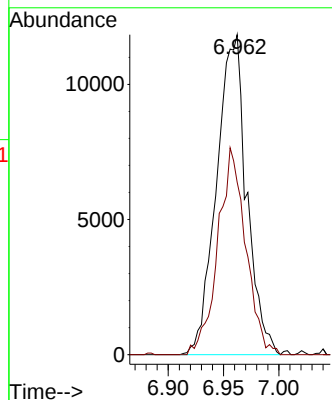
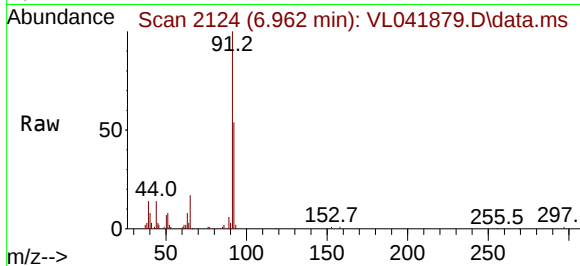




#53
Toluene
Concen: 0.443 ppbv
RT: 6.962 min Scan# 2126
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

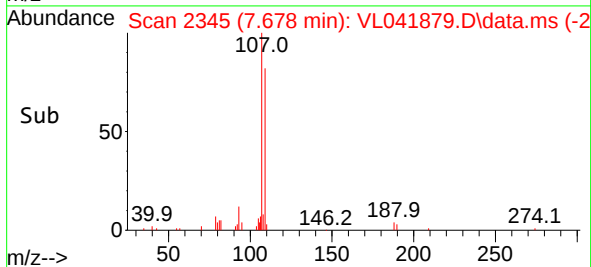
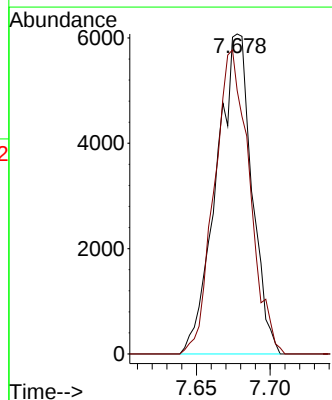
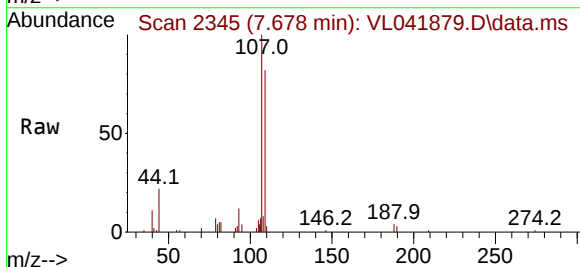
Instrument :
MSVOA_L
ClientSampleId :

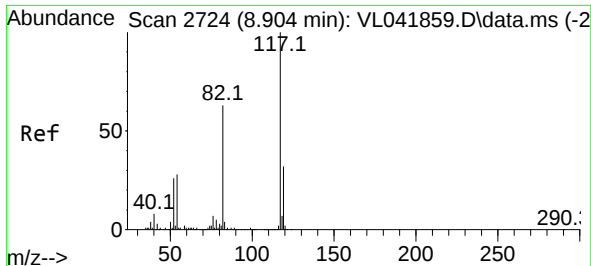
Tgt Ion: 91 Resp: 22390
Ion Ratio Lower Upper
91 100
92 59.8 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.470 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 107 Resp: 10163
Ion Ratio Lower Upper
107 100
109 82.4 74.6 112.0

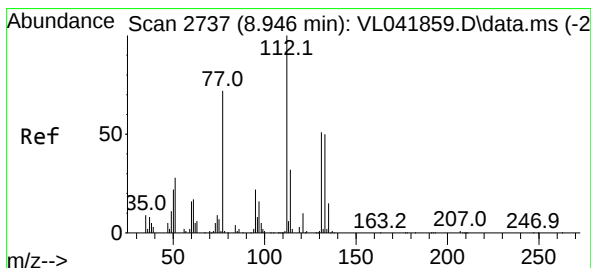
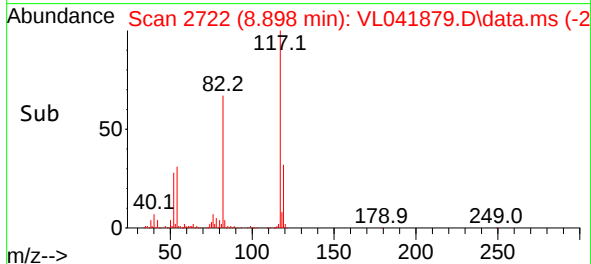
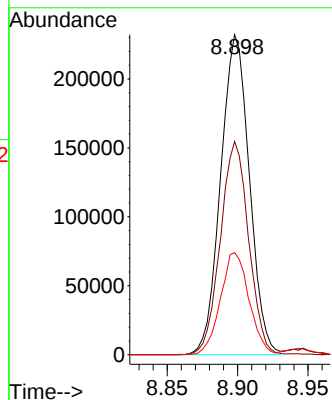
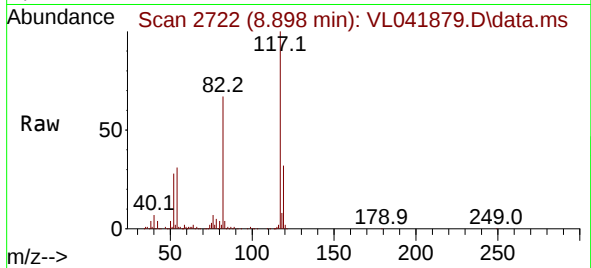




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

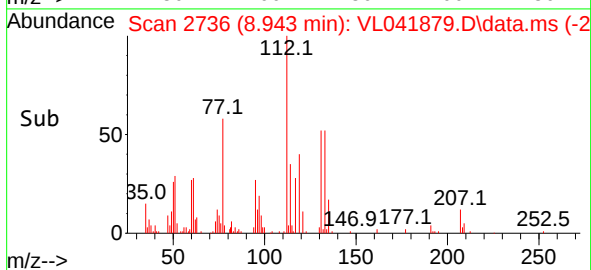
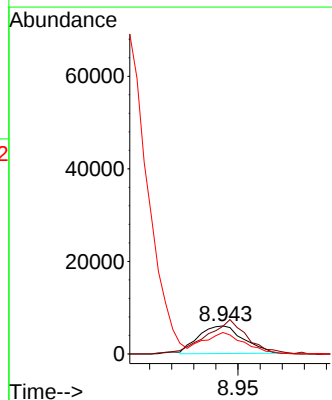
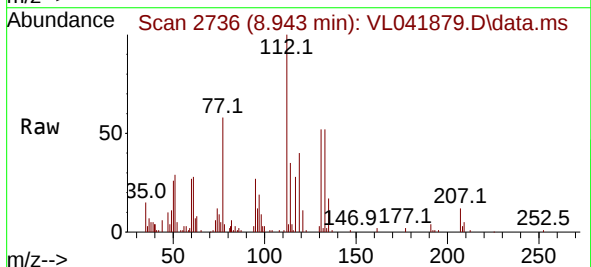
Instrument :
MSVOA_L
ClientSampleId :

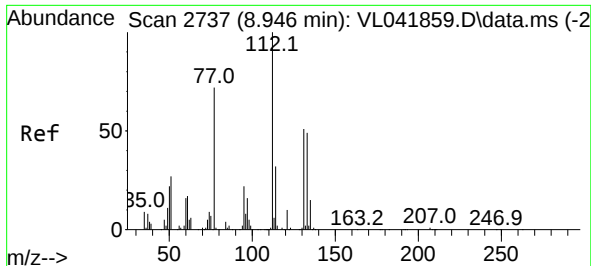
Tgt Ion:117 Resp: 329631
Ion Ratio Lower Upper
117 100
82 65.7 54.5 81.7
119 32.1 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.429 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:131 Resp: 8421
Ion Ratio Lower Upper
131 100
133 114.8 77.4 116.2
119 50.5 49.4 74.0





#57

Chlorobenzene

Concen: 0.515 ppbv

RT: 8.937 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL041879.D

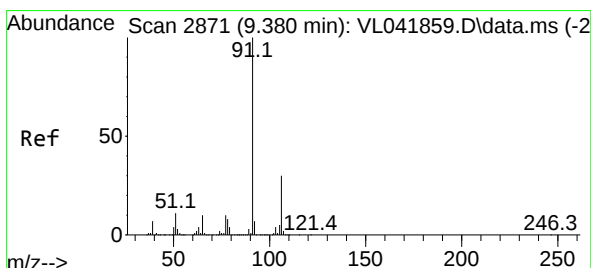
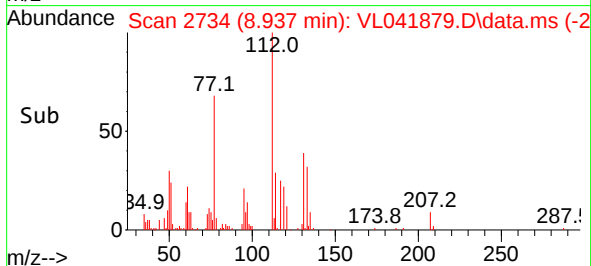
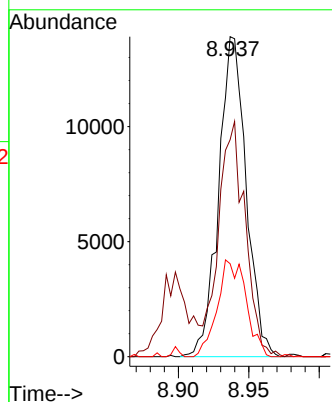
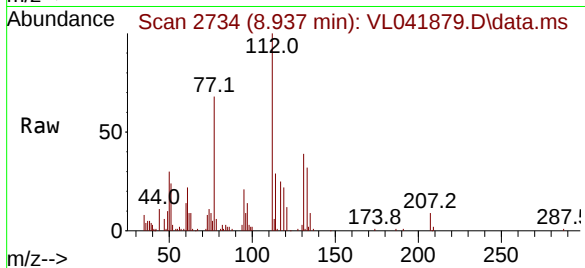
Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	18928
Ion Ratio	Lower	Upper	
112	100		
77	67.2	58.3	87.5
114	29.0	28.9	35.3



#58

Ethyl Benzene

Concen: 0.441 ppbv

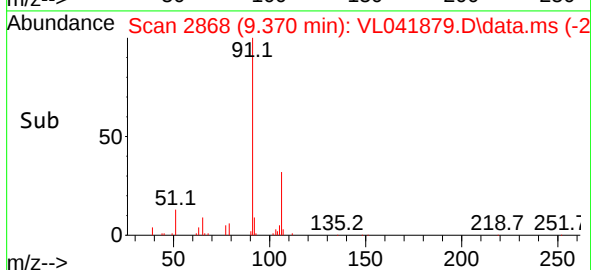
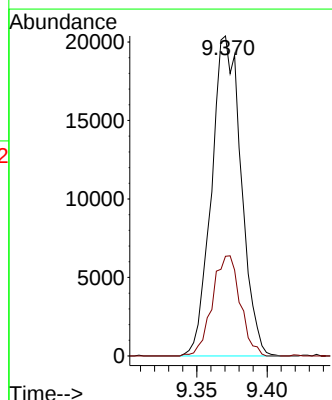
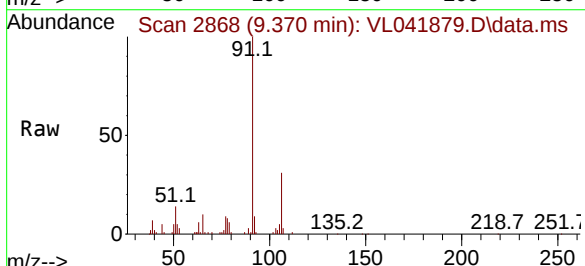
RT: 9.370 min Scan# 2868

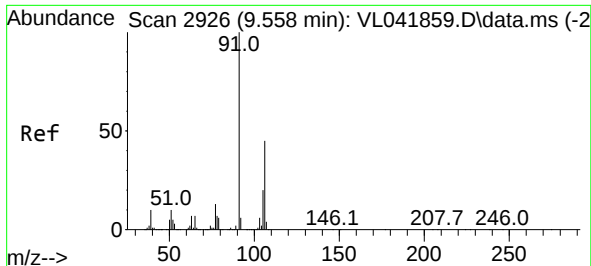
Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Tgt Ion:	91	Resp:	29858
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.2	36.2





#59

m/p-Xylene

Concen: 0.444 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

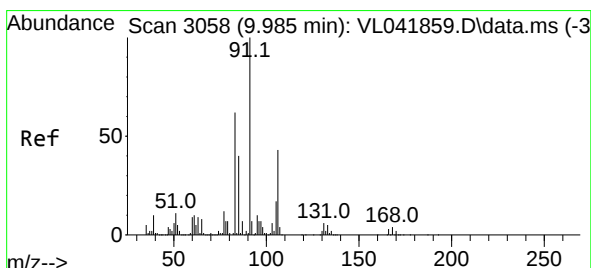
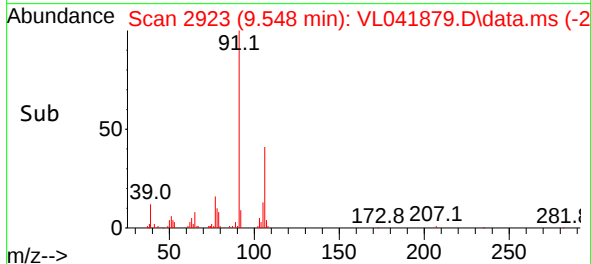
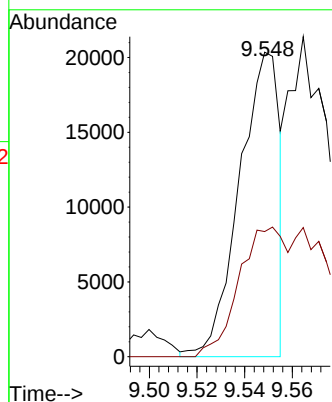
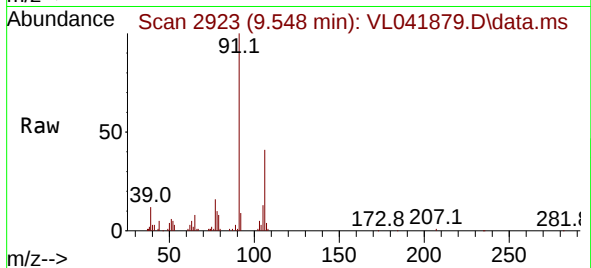
ClientSampleId :

Tgt Ion: 91 Resp: 23765

Ion Ratio Lower Upper

91 100

106 91.0 0.0 0.0#



#60

o-Xylene

Concen: 0.468 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. -0.003 min

Lab File: VL041879.D

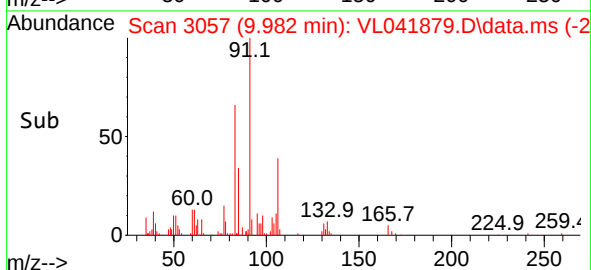
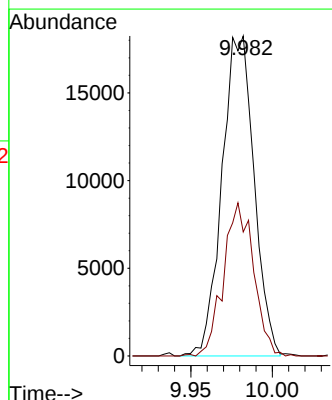
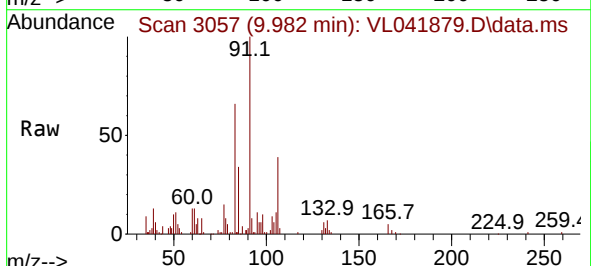
Acq: 09 Jan 2025 22:17

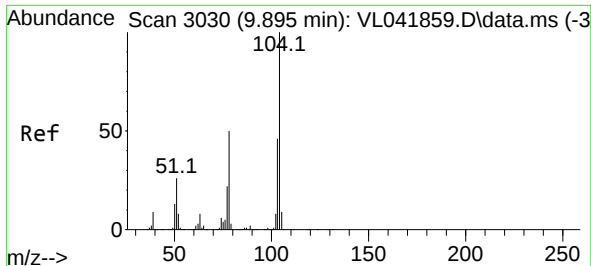
Tgt Ion: 91 Resp: 24990

Ion Ratio Lower Upper

91 100

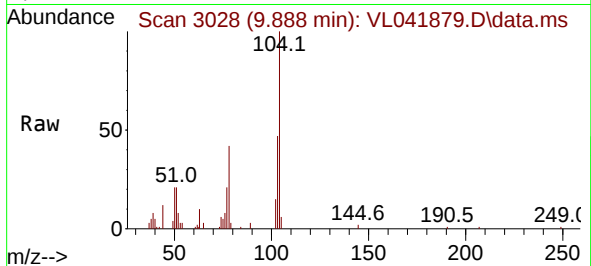
106 44.8 21.4 64.3



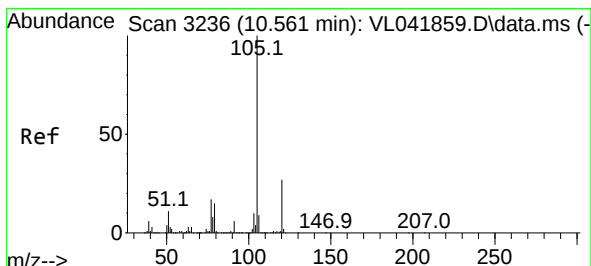
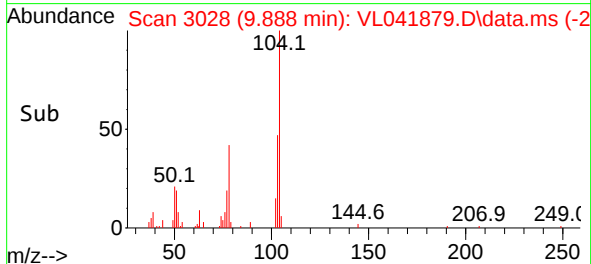
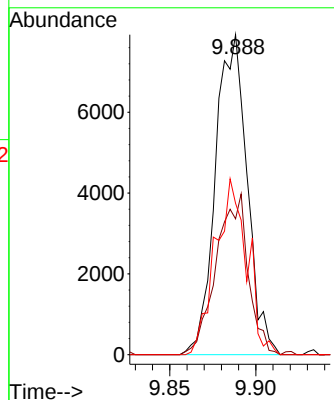


#61
Styrene
Concen: 0.379 ppbv
RT: 9.888 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Instrument :
MSVOA_L
ClientSampleId :

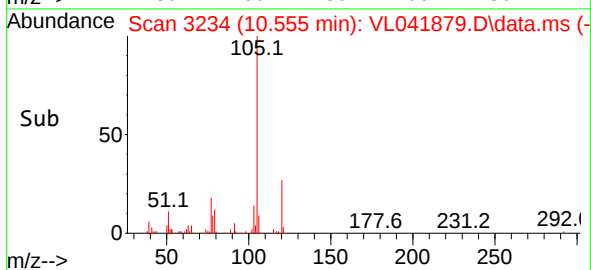
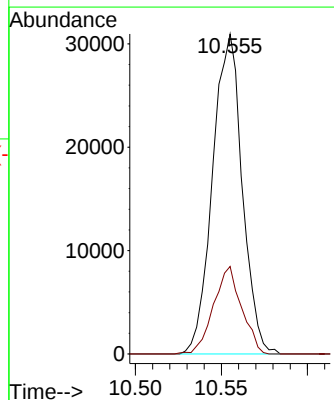
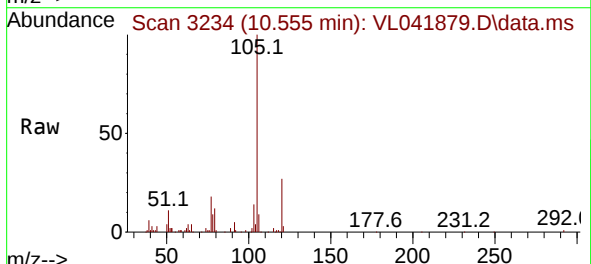


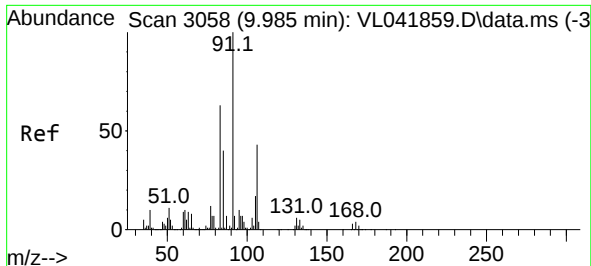
Tgt Ion:104 Resp: 10124
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.9 37.0 55.6



#62
Isopropylbenzene
Concen: 0.461 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:105 Resp: 37087
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.485 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

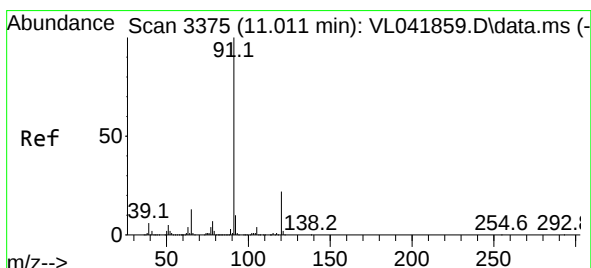
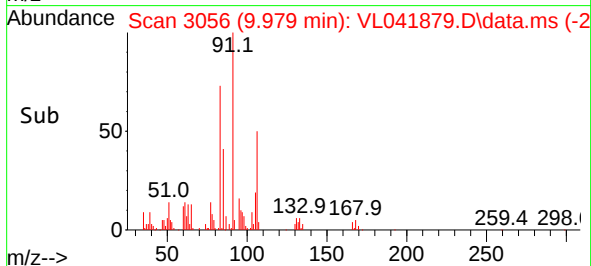
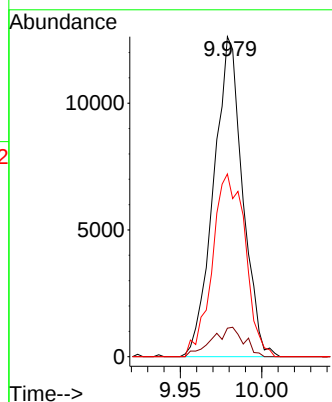
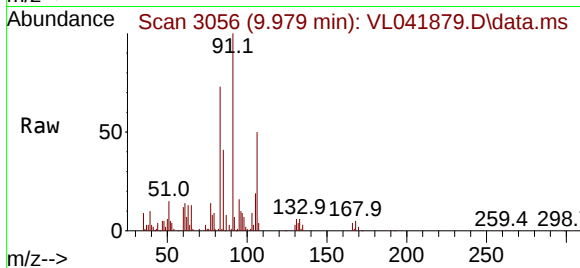
Tgt Ion: 83 Resp: 15575

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.3

85 64.8 32.1 96.3



#64

n-propylbenzene

Concen: 0.430 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. -0.010 min

Lab File: VL041879.D

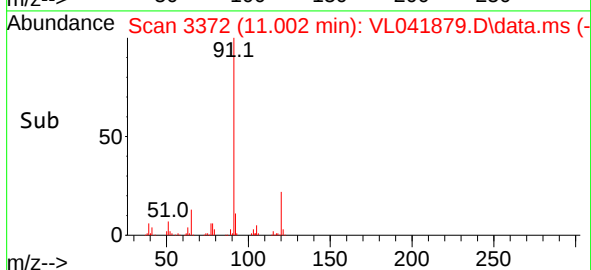
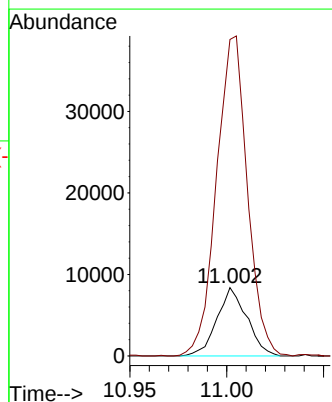
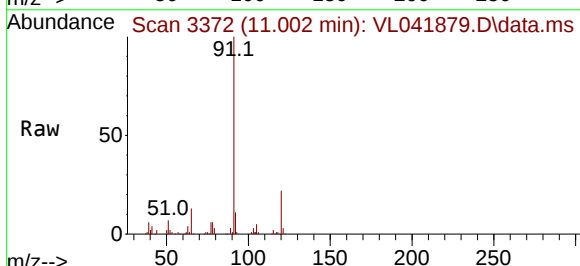
Acq: 09 Jan 2025 22:17

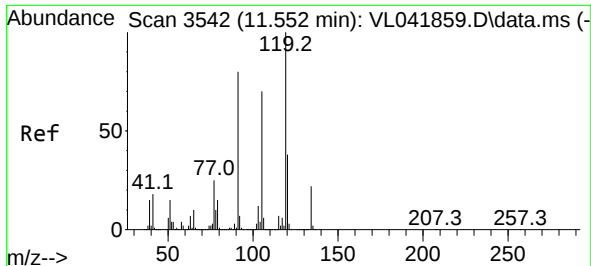
Tgt Ion: 120 Resp: 9013

Ion Ratio Lower Upper

120 100

91 485.0 376.9 565.3

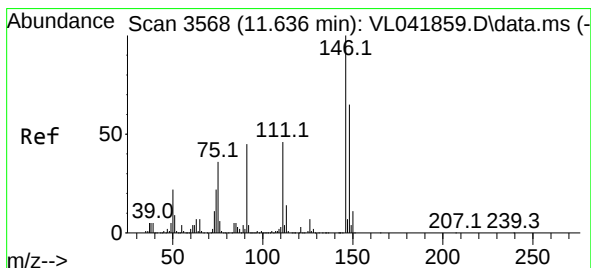
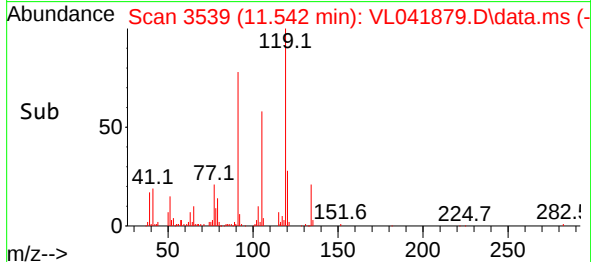
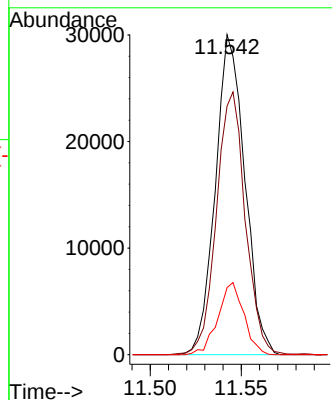
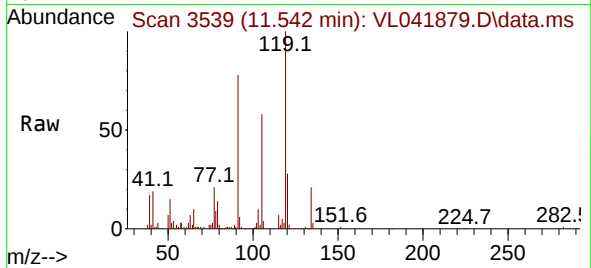




#65
tert-Butylbenzene
Concen: 0.463 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

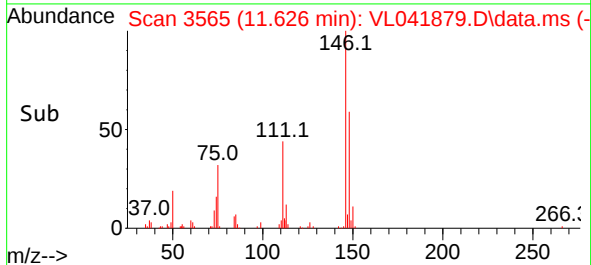
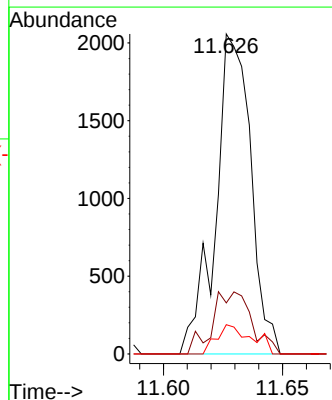
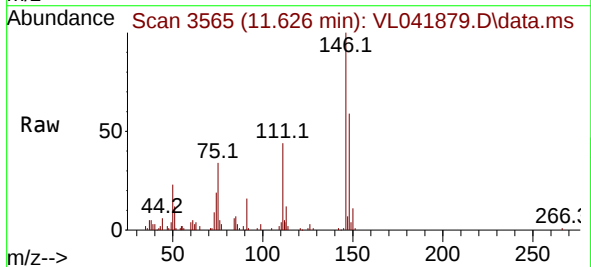
Instrument :
MSVOA_L
ClientSampleId :

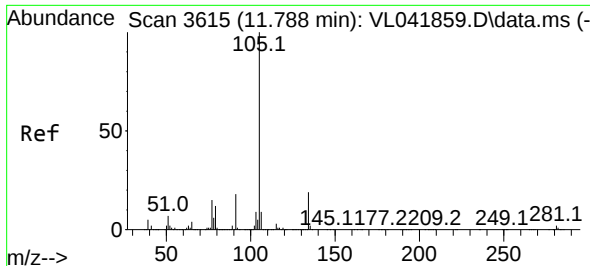
Tgt Ion:119 Resp: 33710
Ion Ratio Lower Upper
119 100
91 80.5 64.6 97.0
134 19.9 16.9 25.3



#66
Benzyl Chloride
Concen: 0.280 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 91 Resp: 2114
Ion Ratio Lower Upper
91 100
126 21.8 13.9 20.9#
128 9.0 4.8 7.2#

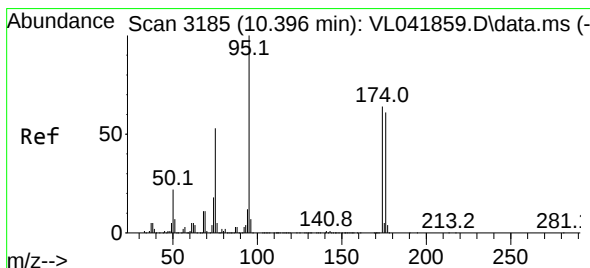
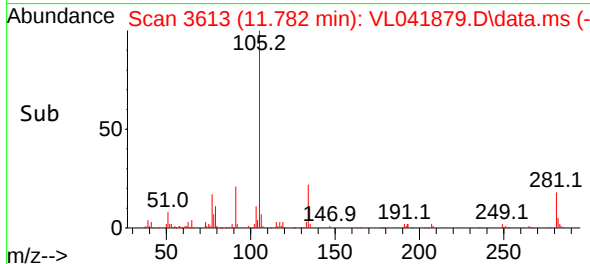
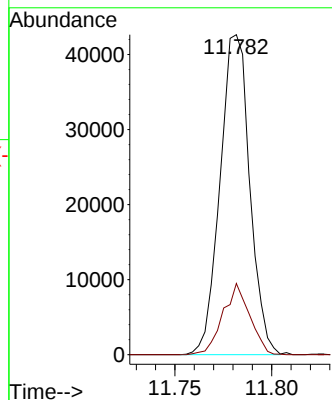
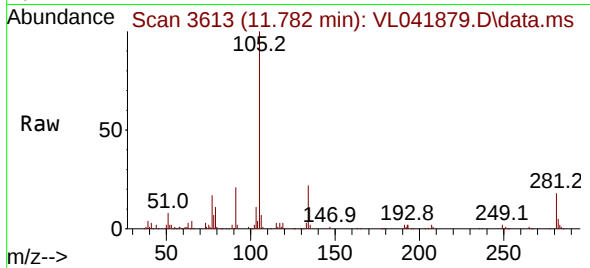




#67
 sec-Butylbenzene
 Concen: 0.455 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

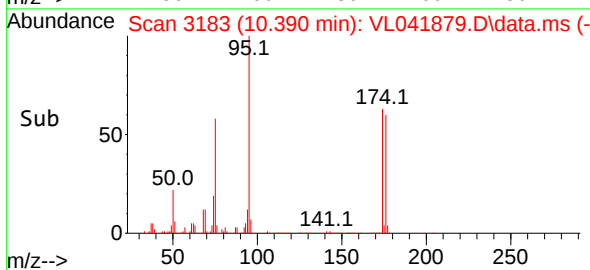
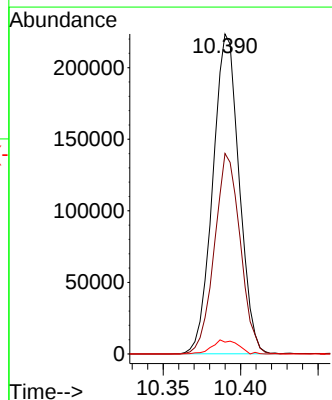
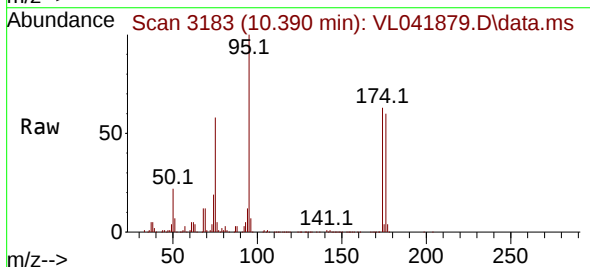
Instrument :
 MSVOA_L
 ClientSampleId :

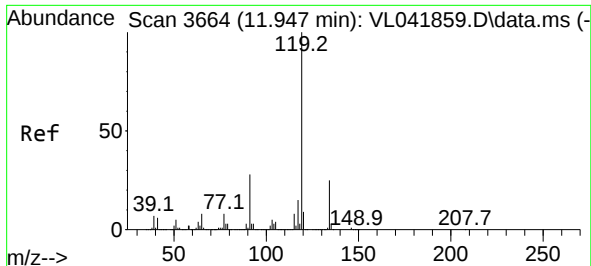
Tgt Ion:105 Resp: 45602
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.983 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: VL041879.D
 Acq: 09 Jan 2025 22:17

Tgt Ion: 95 Resp: 263876
 Ion Ratio Lower Upper
 95 100
 174 61.7 51.1 76.7
 175 4.3 3.8 5.8

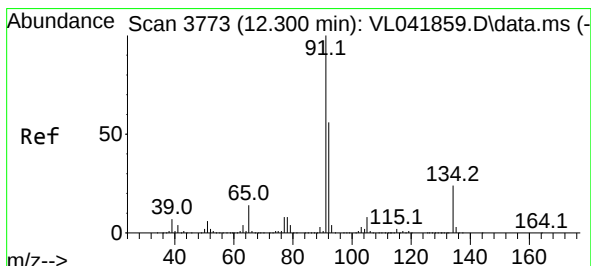
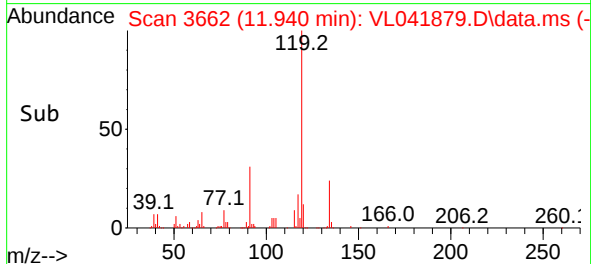
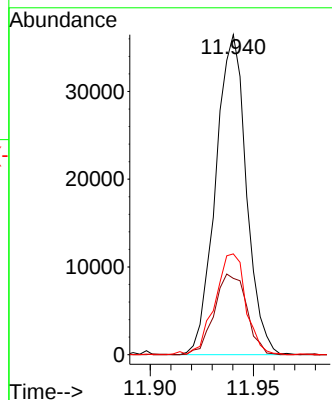
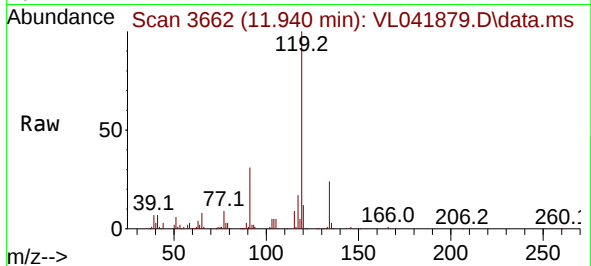




#69
p-Isopropyltoluene
Concen: 0.440 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

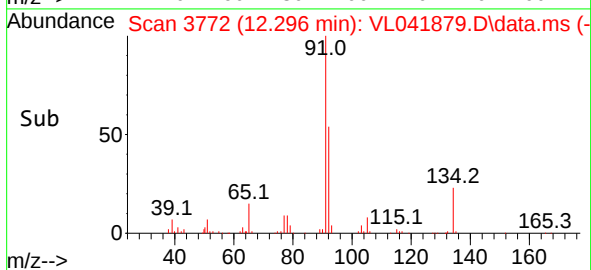
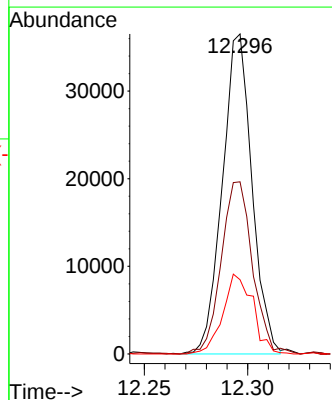
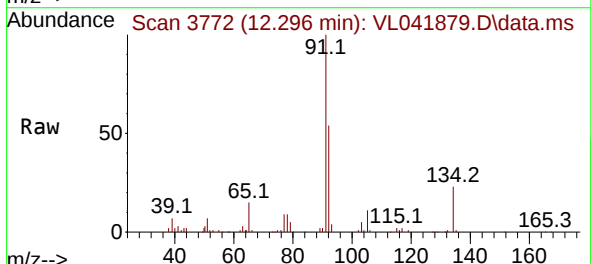
Instrument :
MSVOA_L
ClientSampleId :

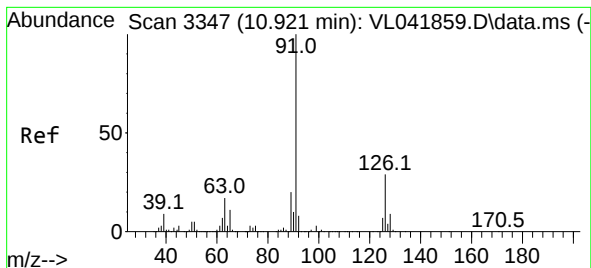
Tgt Ion:119 Resp: 37694
Ion Ratio Lower Upper
119 100
134 26.6 20.3 30.5
91 32.0 22.6 34.0



#70
n-Butylbenzene
Concen: 0.424 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.003 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion: 91 Resp: 36383
Ion Ratio Lower Upper
91 100
92 57.5 43.8 65.8
134 25.4 19.3 28.9

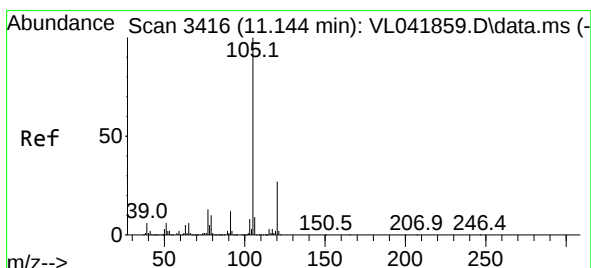
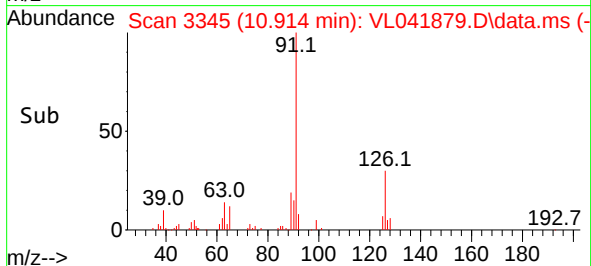
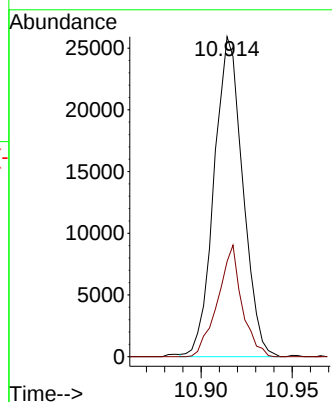
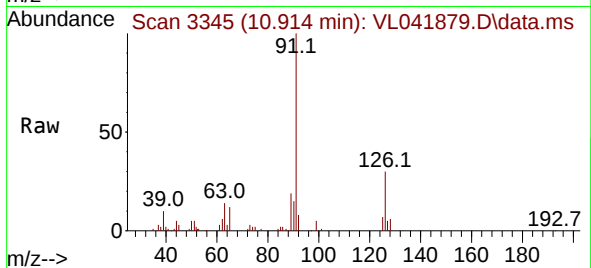




#71
2-Chlorotoluene
Concen: 0.456 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

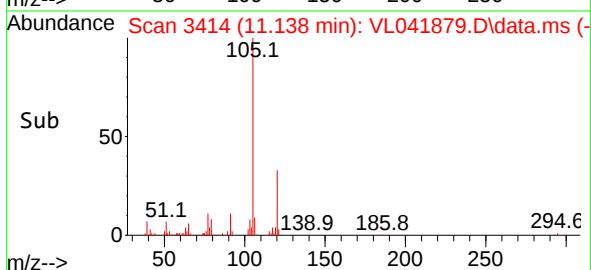
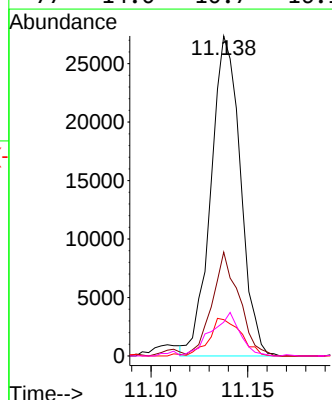
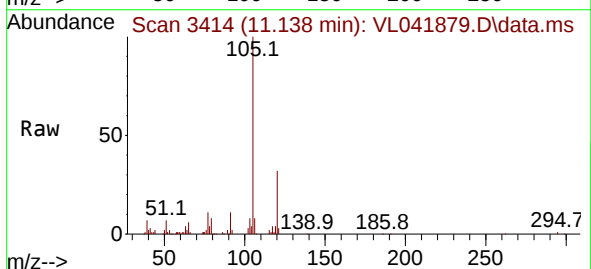
Instrument :
MSVOA_L
ClientSampleId :

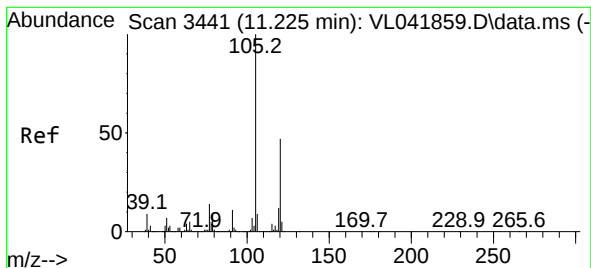
Tgt Ion: 91 Resp: 28385
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.443 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:105 Resp: 29045
Ion Ratio Lower Upper
105 100
120 31.1 23.5 35.3
91 13.1 9.8 14.8
77 14.0 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.428 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

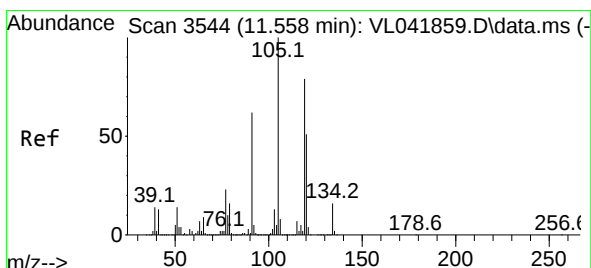
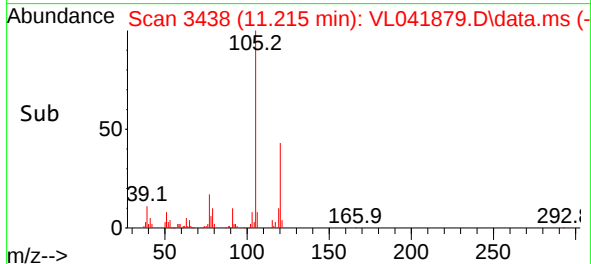
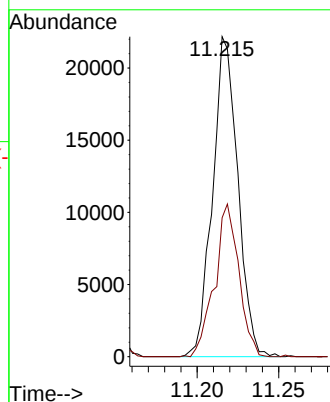
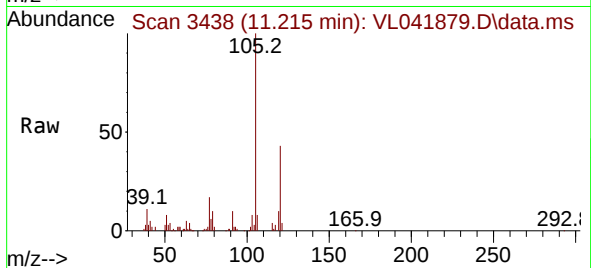
ClientSampleId :

Tgt Ion:105 Resp: 23820

Ion Ratio Lower Upper

105 100

120 43.4 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.472 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Tgt Ion:105 Resp: 28511

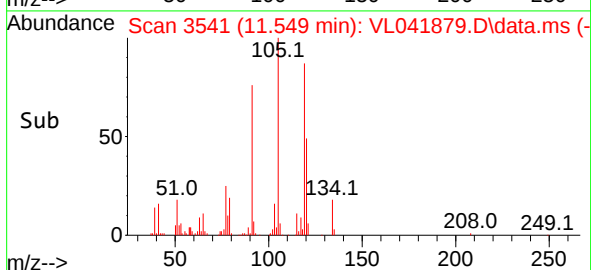
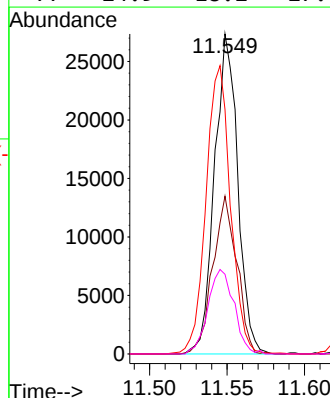
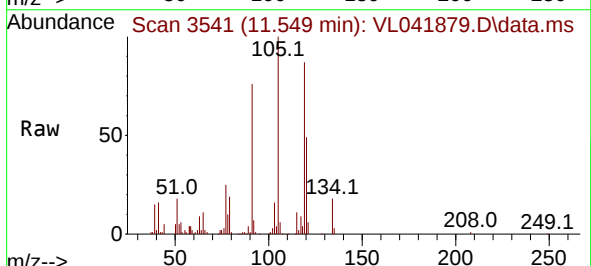
Ion Ratio Lower Upper

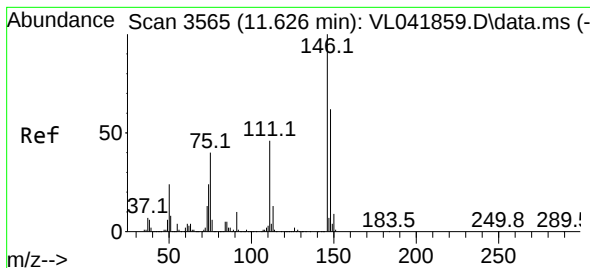
105 100

120 49.3 41.1 61.7

91 76.1 50.0 75.0#

77 24.9 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 0.481 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

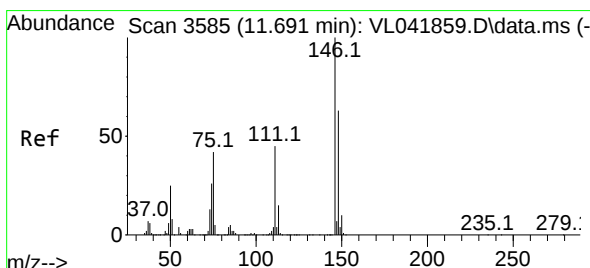
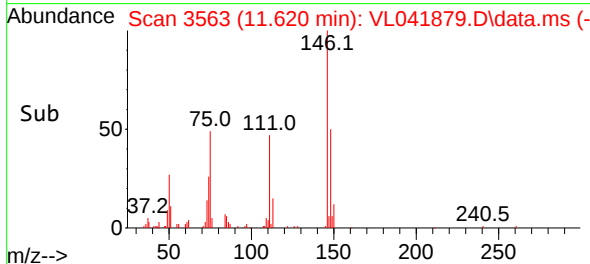
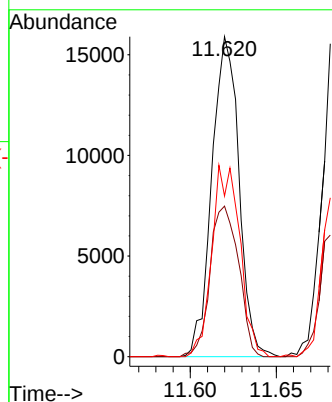
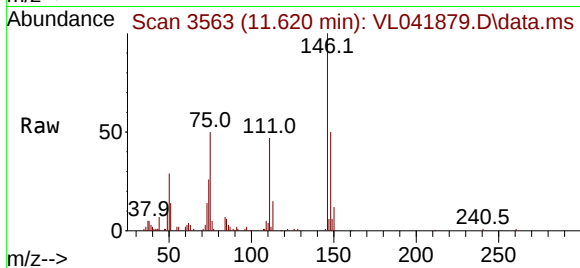
Tgt Ion:146 Resp: 17437

Ion Ratio Lower Upper

146 100

111 49.6 23.2 69.5

148 61.5 31.6 94.7



#76

1,4-Dichlorobenzene

Concen: 0.509 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

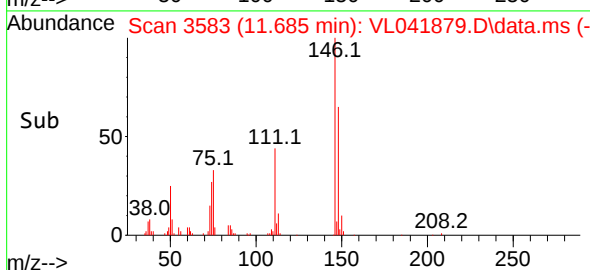
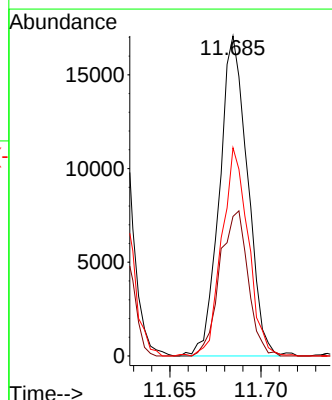
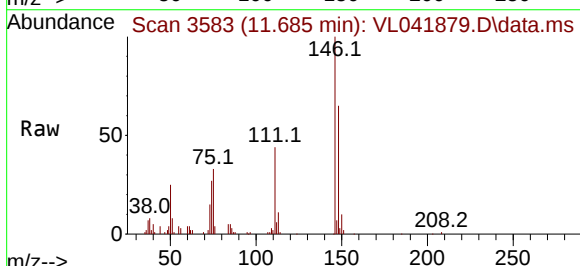
Tgt Ion:146 Resp: 18243

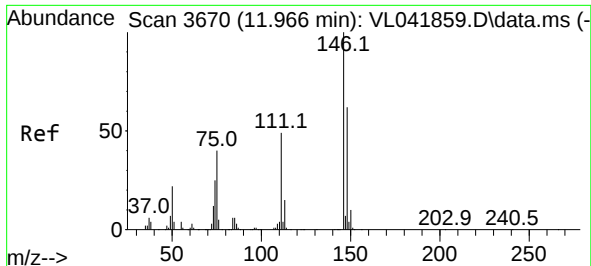
Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.1

148 61.4 31.2 93.6

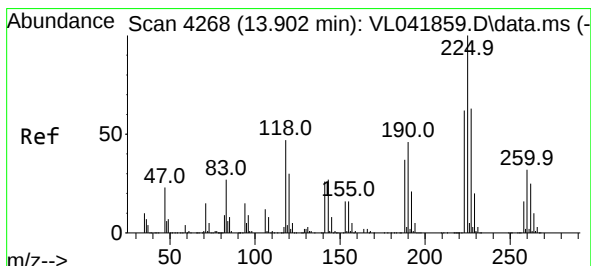
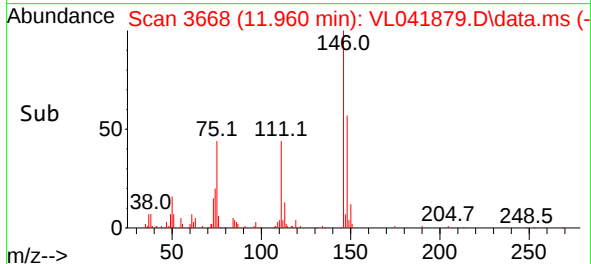
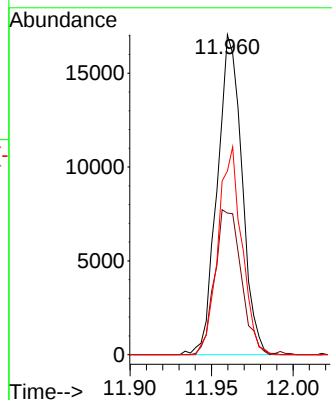
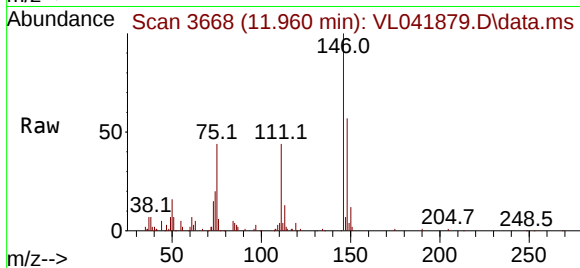




#77
1,2-Dichlorobenzene
Concen: 0.525 ppbv
RT: 11.960 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

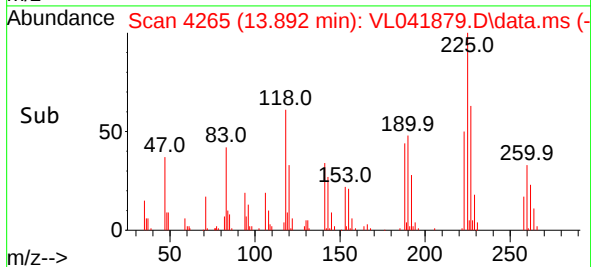
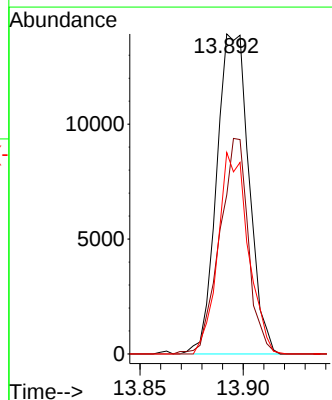
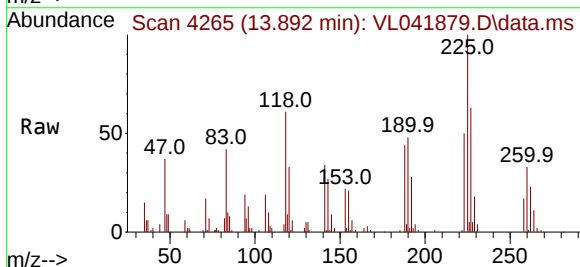
Instrument :
MSVOA_L
ClientSampleId :

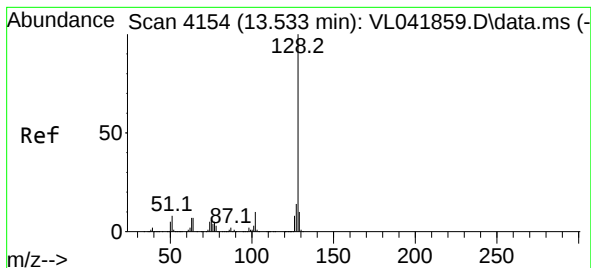
Tgt Ion:146 Resp: 17986
Ion Ratio Lower Upper
146 100
111 48.9 24.1 72.3
148 62.2 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.514 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041879.D
Acq: 09 Jan 2025 22:17

Tgt Ion:225 Resp: 15115
Ion Ratio Lower Upper
225 100
223 59.8 50.6 75.8
227 59.1 50.9 76.3





#79

Naphthalene

Concen: 0.403 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :

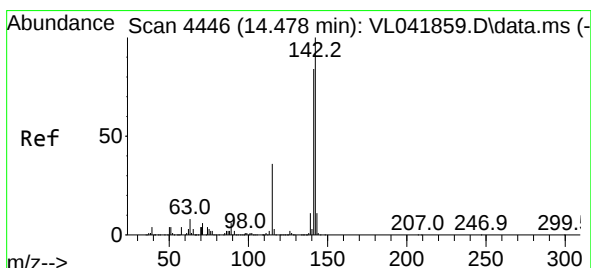
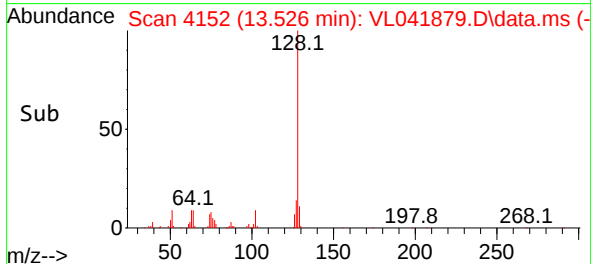
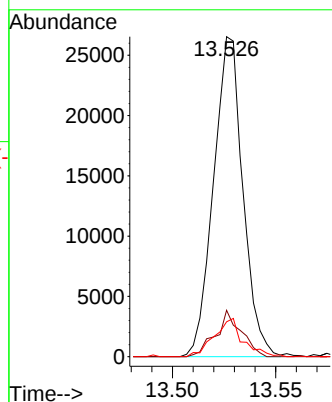
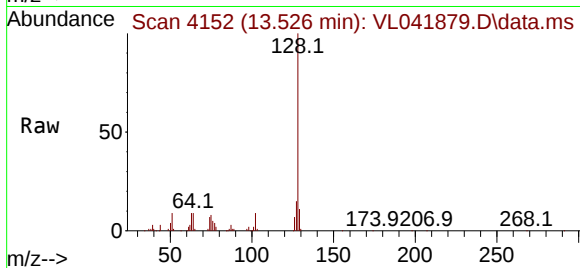
Tgt Ion:128 Resp: 26258

Ion Ratio Lower Upper

128 100

127 14.5 10.8 16.2

129 10.9 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 0.325 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. -0.006 min

Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

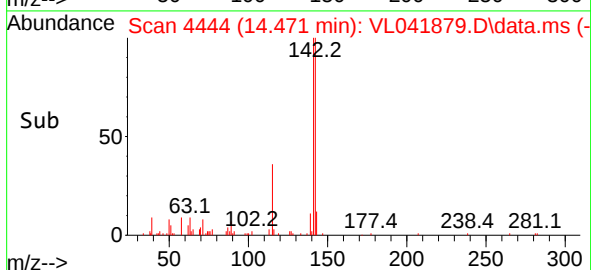
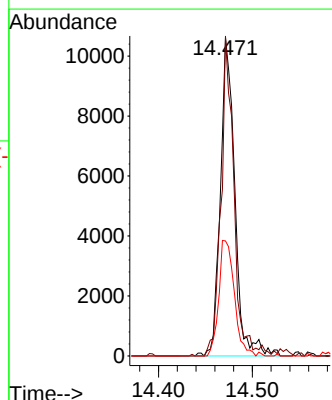
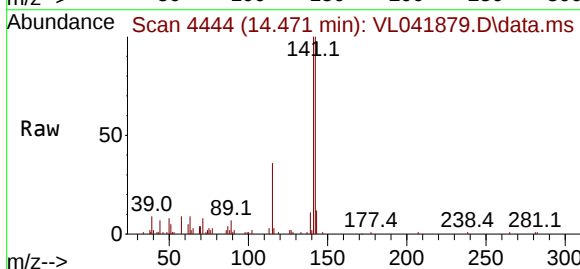
Tgt Ion:142 Resp: 11408

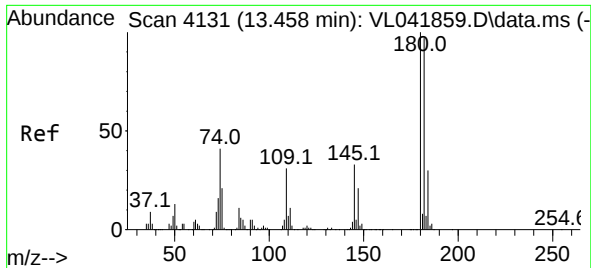
Ion Ratio Lower Upper

142 100

141 91.7 68.2 102.4

115 39.2 29.4 44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.480 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.006 min

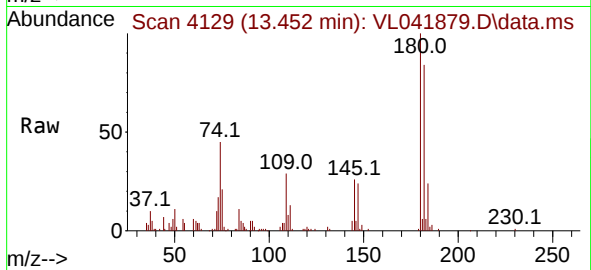
Lab File: VL041879.D

Acq: 09 Jan 2025 22:17

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 14876

Ion Ratio Lower Upper

180 100

182 91.8 75.8 113.8

184 28.6 24.1 36.1

