

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041872.D
 Acq On : 09 Jan 2025 18:37
 Operator : SY/MD
 Sample : Q1037-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

Quant Time: Jan 10 01:44:46 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	2.797	49	119153	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	358497	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	322381	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	262755	10.165	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.502	85	7659	0.392	ppbv	99
3) Chlorodifluoromethane	1.470	51	13511	0.629	ppbv #	80
4) Chloromethane	1.538	50	3461	0.455	ppbv	94
5) Vinyl Chloride	1.576	62	35	0.004	ppbv #	45
6) Bromomethane	1.670	94	102	0.027	ppbv #	3
7) Chloroethane	1.712	64	36	0.011	ppbv #	23
8) Dichlorotetrafluoroethane	1.557	85	362	0.021	ppbv #	76
9) Propene	1.563	41	463446	46.226	ppbv	97
10) Heptane	5.001	43	715	0.027	ppbv #	27
11) Trichlorofluoromethane	1.884	101	4882	0.243	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.146	101	1188	0.073	ppbv	98
13) Ethanol	1.725	45	795184	1248.775	ppbv	87
14) Bromoethene	1.793	108	66	0.011	ppbv #	1
15) Acetone	1.842	43	74735	3.719	ppbv	96
16) 1,3-Butadiene	1.625	39	8418	0.975	ppbv #	23
17) tert-Butyl alcohol	2.049	59	3585	0.157	ppbv #	72
18) 1,1-Dichloroethene	2.052	96	32	0.004	ppbv #	1
19) Isopropyl Alcohol	1.894	45	23353	2.211	ppbv #	42
20) Methylene Chloride	2.068	84	2700	0.394	ppbv #	91
21) Allyl Chloride	2.088	41	955	0.074	ppbv #	1
22) trans-1,2-Dichloroethene	2.334	96	68	0.008	ppbv #	1
23) Vinyl Acetate	2.486	43	12203	1.198	ppbv #	41
24) 1,1-Dichloroethane	2.441	63	85	0.005	ppbv #	80
25) Ethyl Acetate	2.845	43	13700	0.274	ppbv #	93
26) Hexane	2.835	57	10287	0.501	ppbv #	56
27) Carbon Disulfide	2.162	76	438	0.022	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	157	0.010	ppbv #	1
29) Chloroform	2.865	83	1046	0.036	ppbv #	74
30) Cyclohexane	3.878	84	1791	0.102	ppbv #	12
31) cis-1,2-Dichloroethene	2.745	61	50	0.002	ppbv #	24
32) 1,1,1-Trichloroethane	3.389	97	61	0.002	ppbv #	22
34) 2-Butanone	2.573	43	4652	0.156	ppbv	98
35) Carbon Tetrachloride	3.781	117	577	0.021	ppbv #	90
36) Benzene	3.674	78	9375	0.225	ppbv #	85
37) 1,2-Dichloroethane	3.230	62	1792	0.082	ppbv	97
38) Trichloroethene	4.260	130	40	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.971	63	89780	6.068	ppbv #	24
40) 1,4-Dioxane	4.603	88	23	0.003	ppbv #	1
41) Tetrahydrofuran	3.065	42	154	0.009	ppbv #	37
42) Bromodichloromethane	4.515	83	186	0.006	ppbv #	26
43) Methyl Methacrylate	4.904	69	27	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.654	57	1673	0.024	ppbv #	23
45) t-1,3-Dichloropropene	6.587	75	29	0.002	ppbv #	45

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

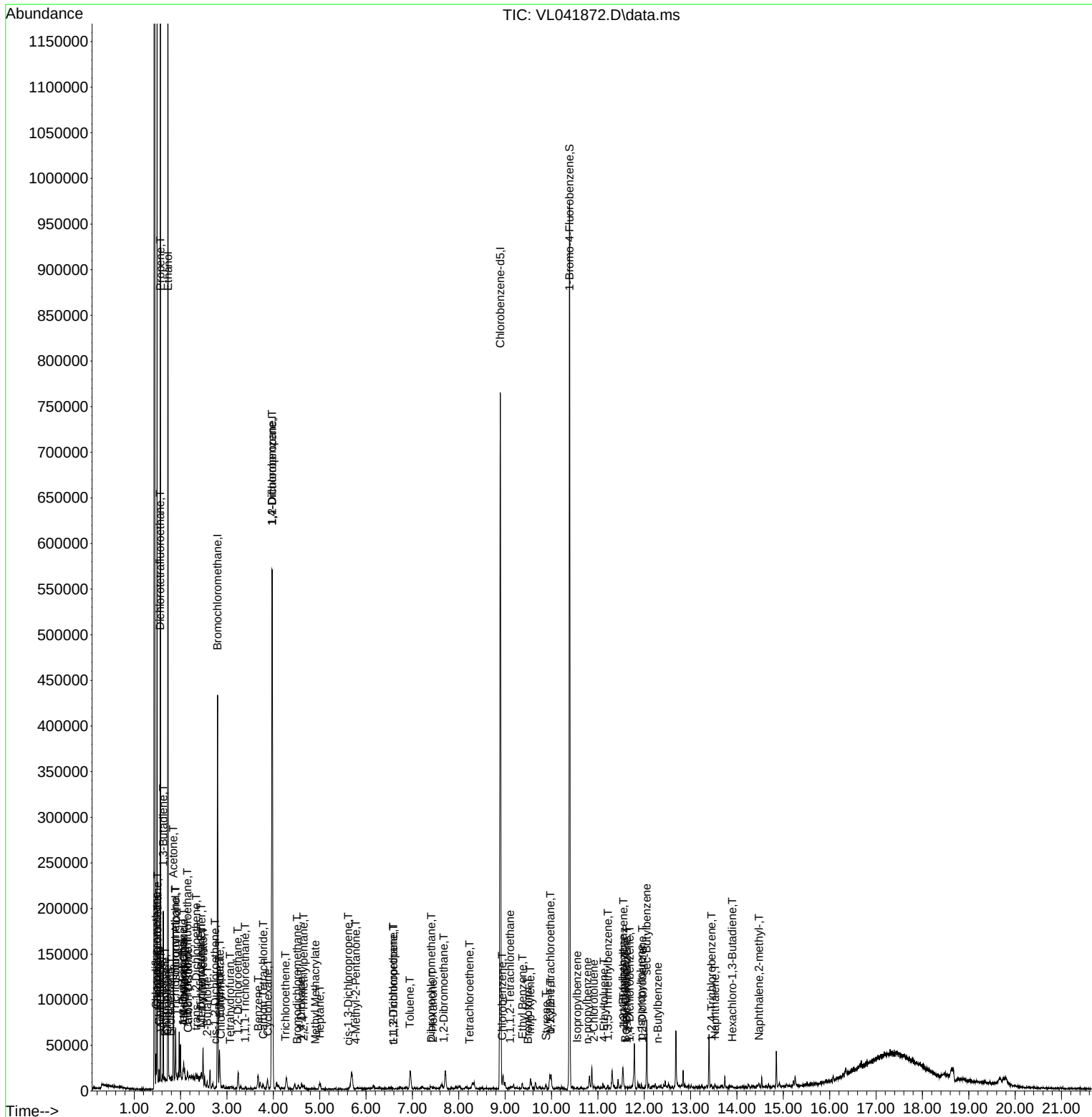
Instrument :
 MSVOA_L
 ClientSampleId :
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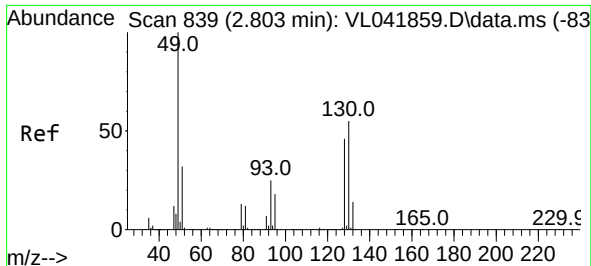
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.612	75	28	0.001	ppbv	#	1
47) 1,1,2-Trichloroethane	6.590	97	27	0.002	ppbv	#	15
48) Dibromochloromethane	7.406	129	51	0.002	ppbv	#	10
49) Bromoform	9.493	173	81	0.004	ppbv	#	42
50) 4-Methyl-2-Pentanone	5.781	43	61	0.001	ppbv	#	1
51) 2-Hexanone	7.444	43	139	0.004	ppbv	#	28
52) Tetrachloroethene	8.231	164	33	0.002	ppbv	#	1
53) Toluene	6.946	91	5818	0.118	ppbv	#	1
54) 1,2-Dibromoethane	7.674	107	26	0.001	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	9.108	131	27	0.001	ppbv	#	1
57) Chlorobenzene	8.933	112	172	0.005	ppbv	#	35
58) Ethyl Benzene	9.373	91	3068	0.046	ppbv		89
59) m/p-Xylene	9.545	91	5167	0.099	ppbv	#	100
60) o-Xylene	9.975	91	2991	0.057	ppbv		95
61) Styrene	9.885	104	570	0.022	ppbv	#	1
62) Isopropylbenzene	10.552	105	757	0.010	ppbv		95
63) 1,1,2,2-Tetrachloroethane	9.975	83	44	0.001	ppbv	#	25
64) n-propylbenzene	10.772	120	24	0.001	ppbv		84
65) tert-Butylbenzene	11.542	119	315	0.004	ppbv	#	1
66) Benzyl Chloride	11.591	91	68	0.009	ppbv	#	66
67) sec-Butylbenzene	12.053	105	791	0.008	ppbv		96
69) p-Isopropyltoluene	11.934	119	1303	0.016	ppbv	#	78
70) n-Butylbenzene	12.293	91	296	0.004	ppbv	#	52
71) 2-Chlorotoluene	10.914	91	130	0.002	ppbv		78
72) 4-Ethyltoluene	11.131	105	406	0.006	ppbv	#	56
73) 1,3,5-Trimethylbenzene	11.215	105	832	0.015	ppbv		89
74) 1,2,4-Trimethylbenzene	11.548	105	3461	0.059	ppbv	#	69
75) 1,3-Dichlorobenzene	11.623	146	72	0.002	ppbv	#	43
76) 1,4-Dichlorobenzene	11.684	146	357	0.010	ppbv	#	63
77) 1,2-Dichlorobenzene	11.960	146	260	0.008	ppbv	#	54
78) Hexachloro-1,3-Butadiene	13.895	225	89	0.003	ppbv	#	19
79) Naphthalene	13.526	128	2170	0.034	ppbv	#	77
80) Naphthalene,2-methyl-	14.474	142	1095	0.032	ppbv	#	91
81) 1,2,4-Trichlorobenzene	13.448	180	664	0.022	ppbv		98

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

Quant Time: Jan 10 01:44:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

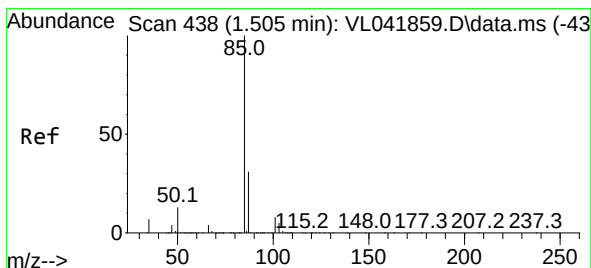
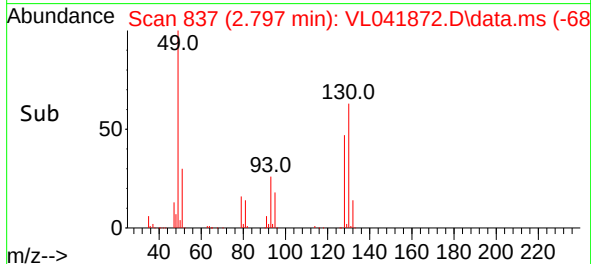
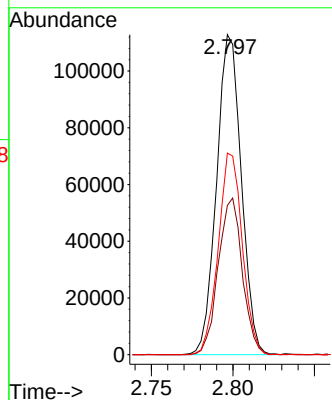
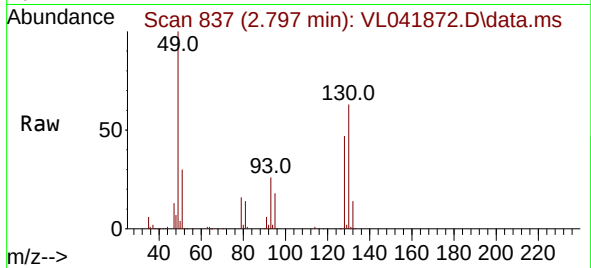




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

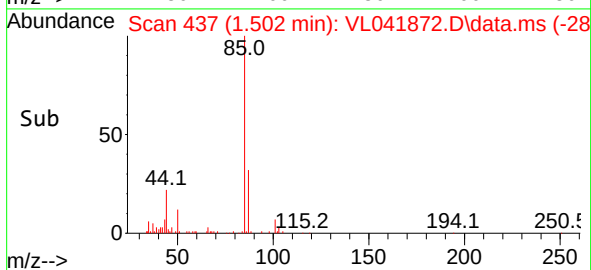
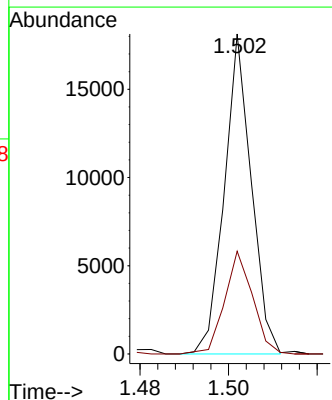
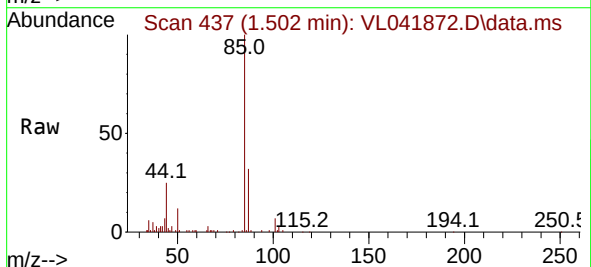
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

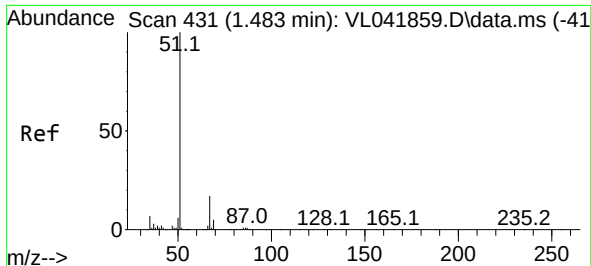
Tgt Ion: 49 Resp: 119153
Ion Ratio Lower Upper
49 100
128 47.7 23.2 69.5
130 61.2 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.392 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 85 Resp: 7659
Ion Ratio Lower Upper
85 100
87 32.1 25.2 37.8

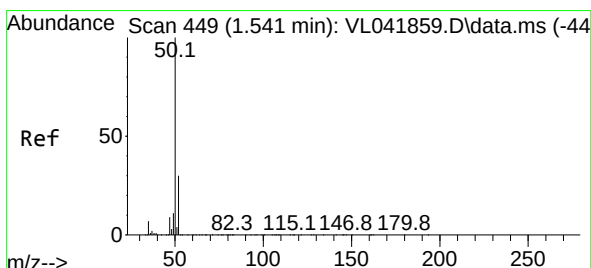
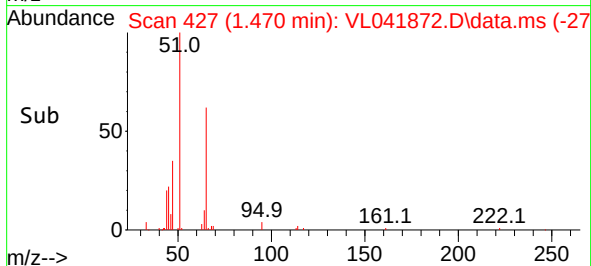
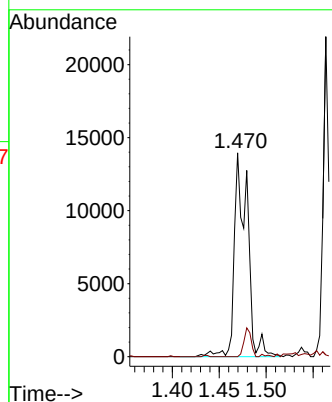
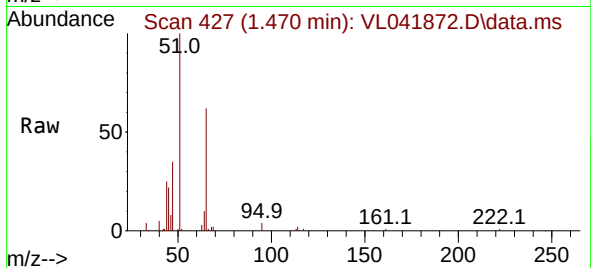




#3
Chlorodifluoromethane
Concen: 0.629 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

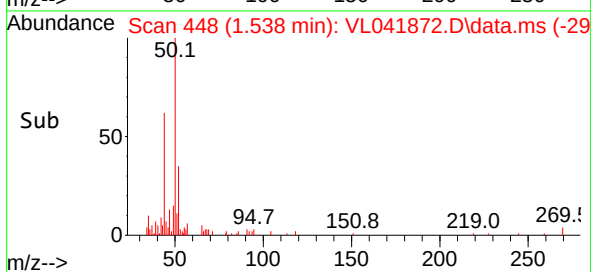
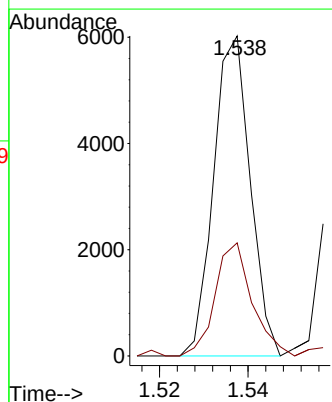
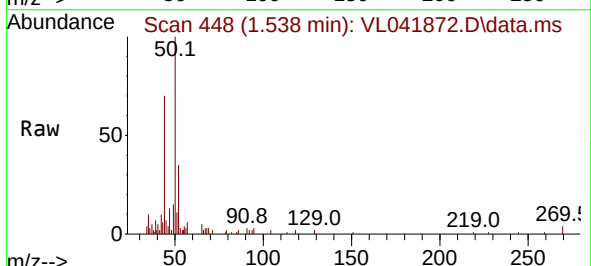
Instrument :
MSVOA_L
ClientSampleId :
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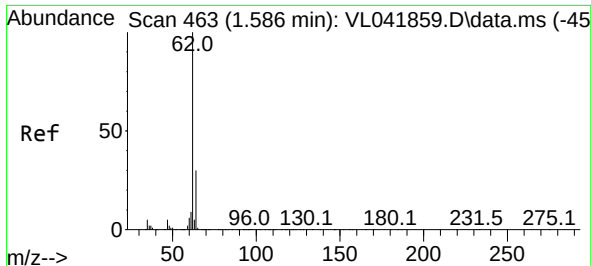
Tgt Ion: 51 Resp: 13511
Ion Ratio Lower Upper
51 100
67 8.5 13.8 20.8#



#4
Chloromethane
Concen: 0.455 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 50 Resp: 3461
Ion Ratio Lower Upper
50 100
52 33.0 23.9 35.9

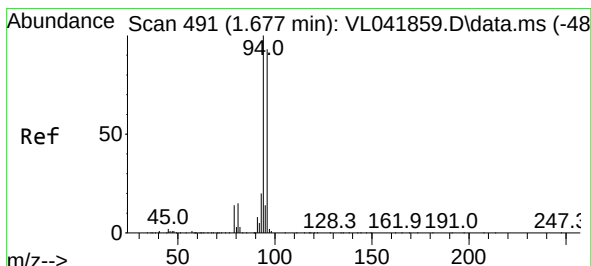
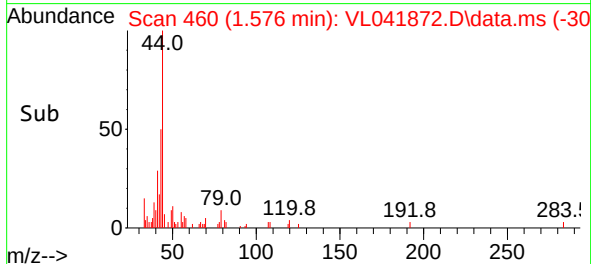
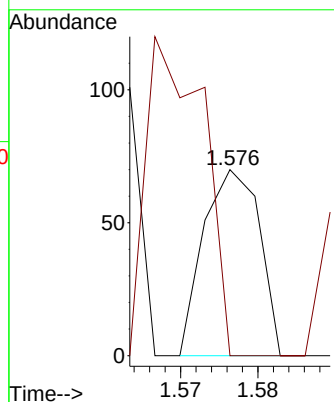
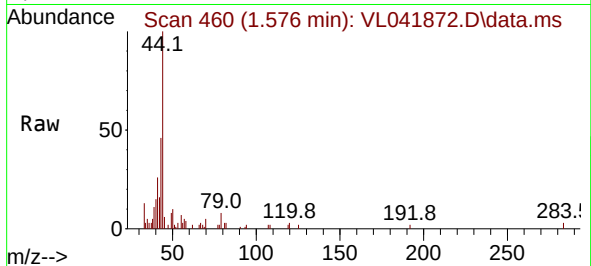




#5
 Vinyl Chloride
 Concen: 0.004 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.010 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

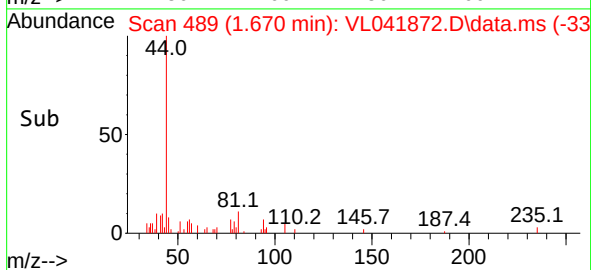
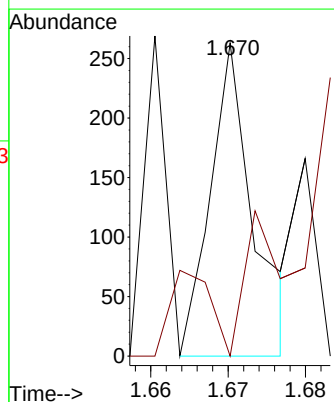
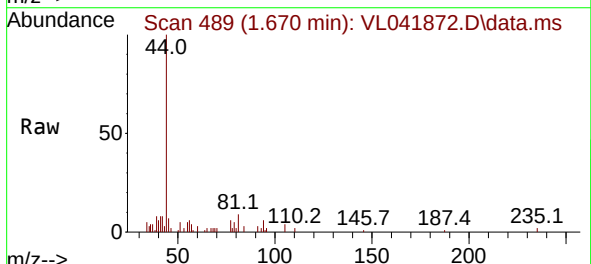
Instrument :
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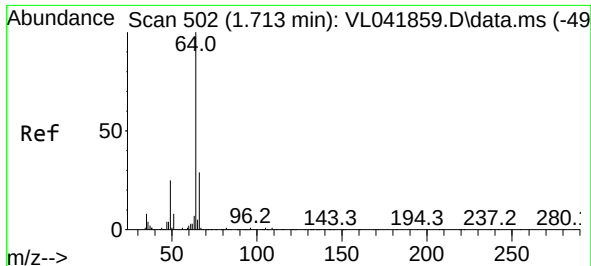
Tgt Ion: 62 Resp: 35
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.027 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.007 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion: 94 Resp: 102
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

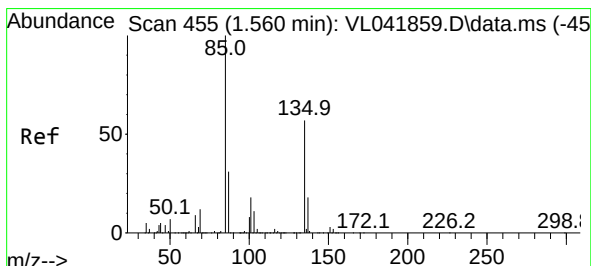
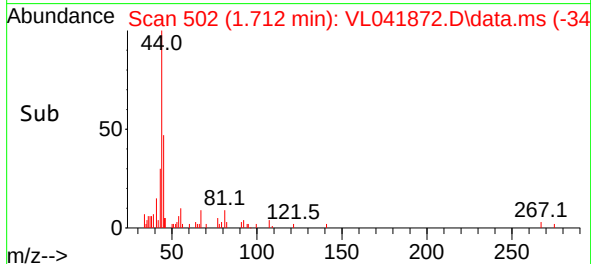
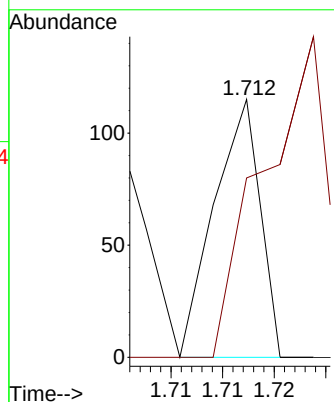
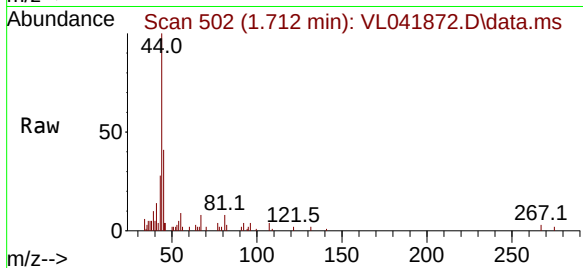




#7
Chloroethane
Concen: 0.011 ppbv
RT: 1.712 min Scan# 50
Delta R.T. -0.000 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

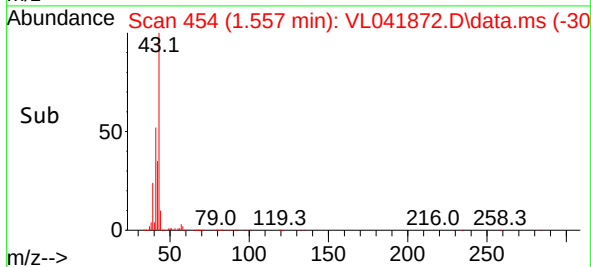
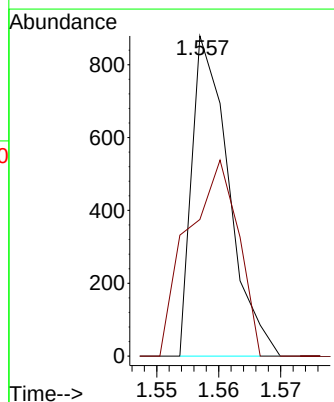
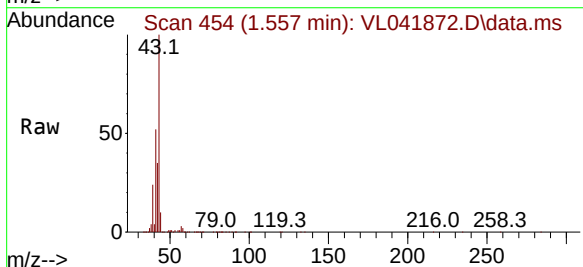
Instrument :
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ClientSampleId :
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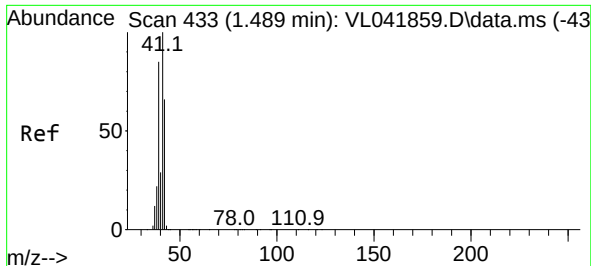
Tgt Ion: 64 Resp: 36
Ion Ratio Lower Upper
64 100
66 69.6 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.021 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 85 Resp: 362
Ion Ratio Lower Upper
85 100
135 84.3 52.2 78.4#





#9

Propene

Concen: 46.226 ppbv

RT: 1.563 min Scan# 41

Delta R.T. 0.074 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

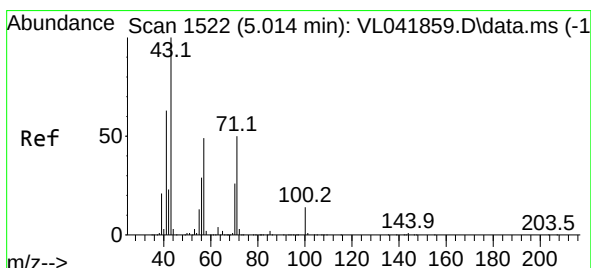
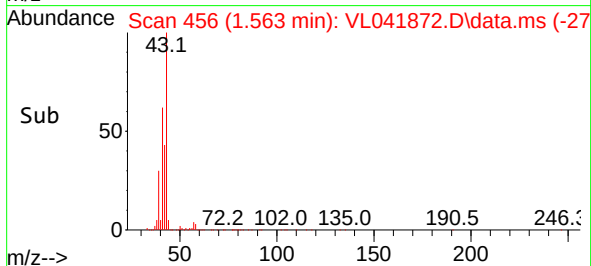
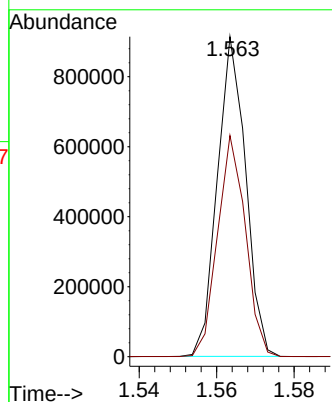
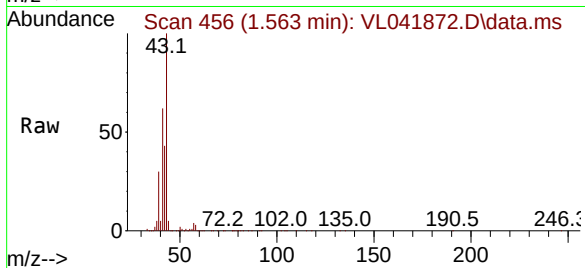
INDOOR

Tgt Ion: 41 Resp: 463446

Ion Ratio Lower Upper

41 100

42 68.4 53.0 79.6



#10

Heptane

Concen: 0.027 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. -0.013 min

Lab File: VL041872.D

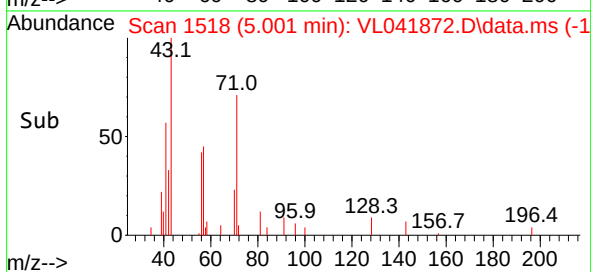
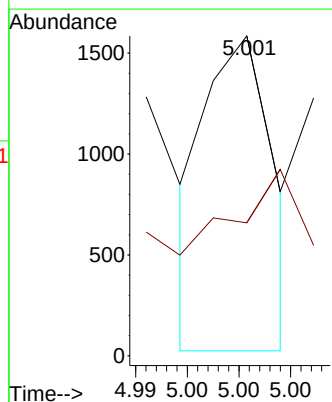
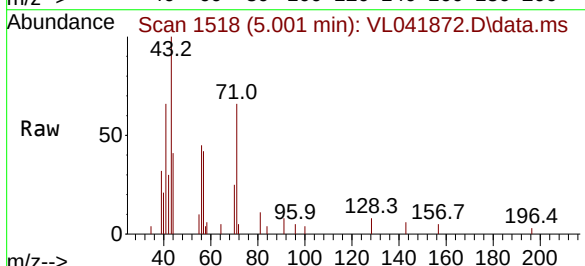
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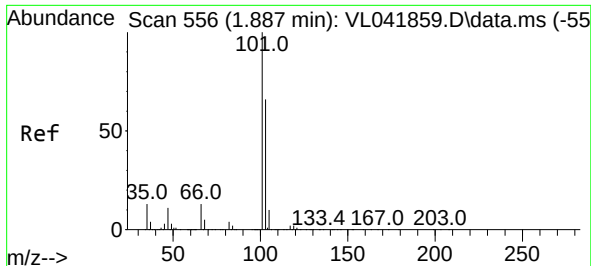
Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#

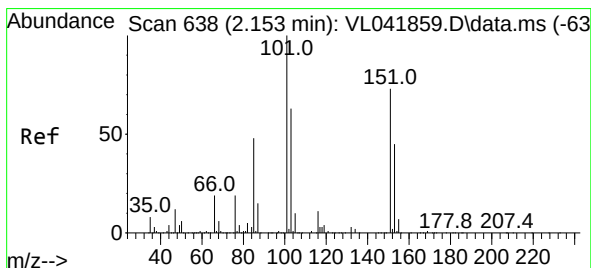
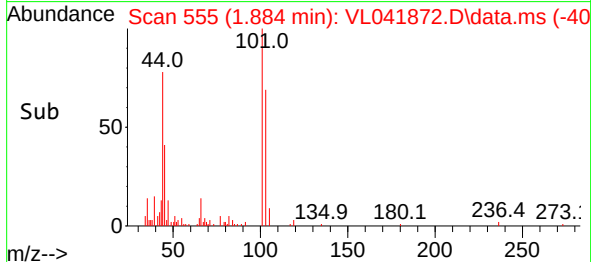
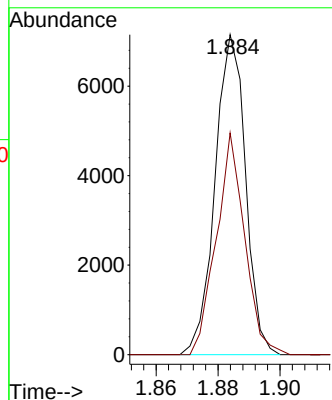
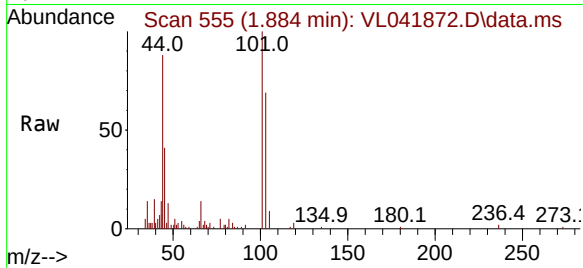




#11
 Trichlorofluoromethane
 Concen: 0.243 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

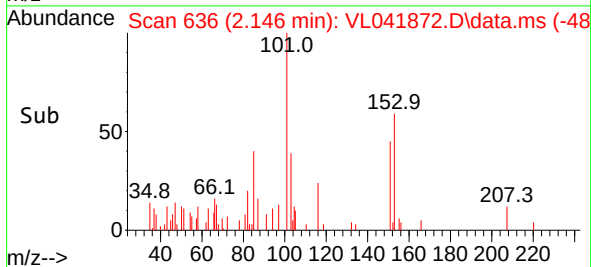
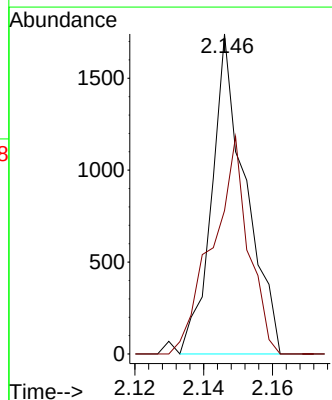
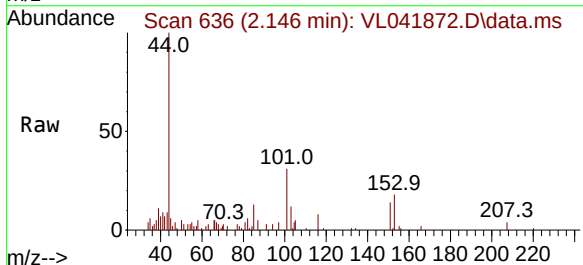
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

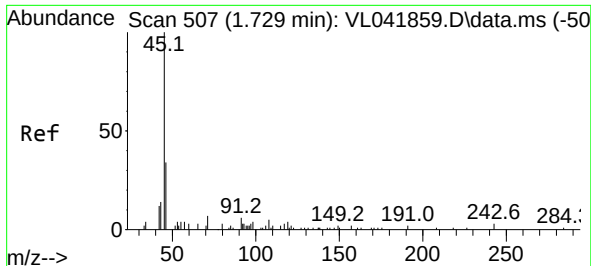
Tgt Ion:101 Resp: 4882
 Ion Ratio Lower Upper
 101 100
 103 69.3 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.073 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion:101 Resp: 1188
 Ion Ratio Lower Upper
 101 100
 151 72.5 59.4 89.0





#13

Ethanol

Concen: 1248.775 ppbv

RT: 1.725 min Scan# 507

Delta R.T. -0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

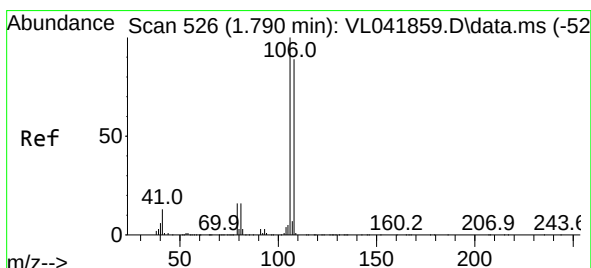
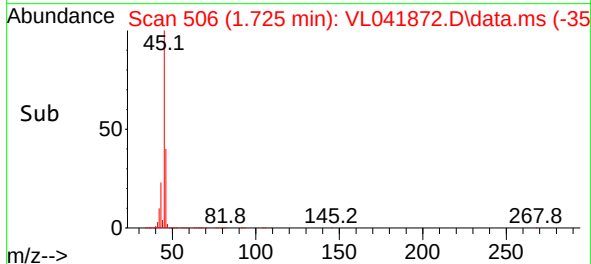
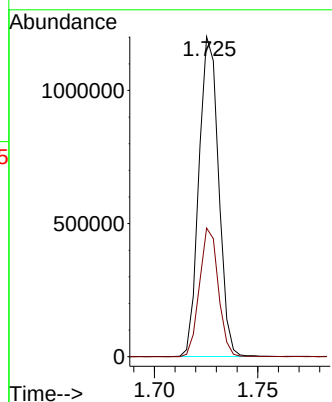
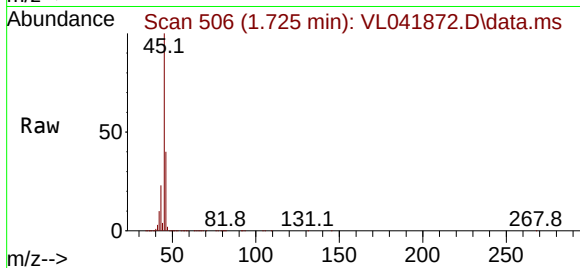
INDOOR

Tgt Ion: 45 Resp: 795184

Ion Ratio Lower Upper

45 100

46 38.6 19.0 76.0



#14

Bromoethene

Concen: 0.011 ppbv

RT: 1.793 min Scan# 527

Delta R.T. 0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

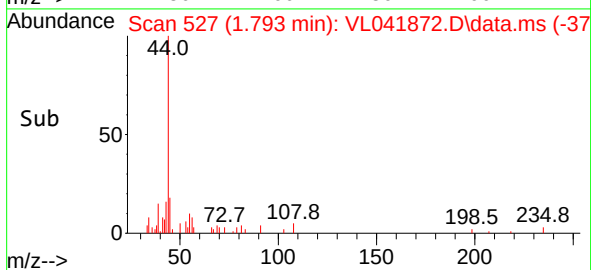
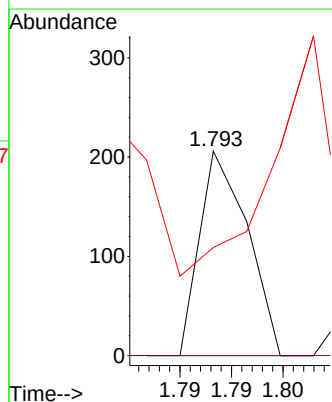
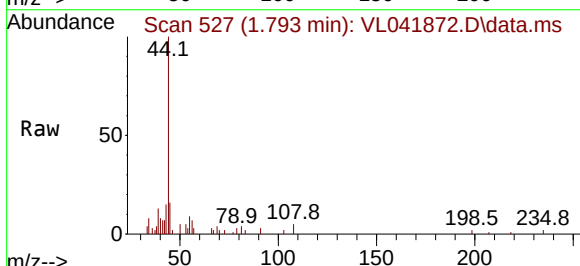
Tgt Ion: 108 Resp: 66

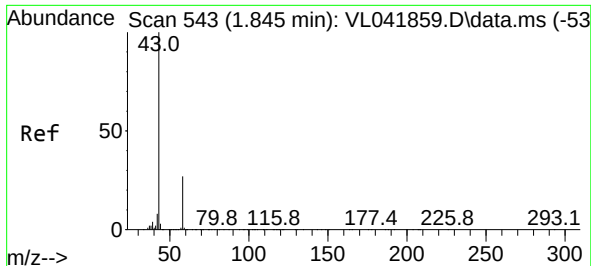
Ion Ratio Lower Upper

108 100

106 131.8 86.9 130.3#

79 824.2 15.6 23.4#

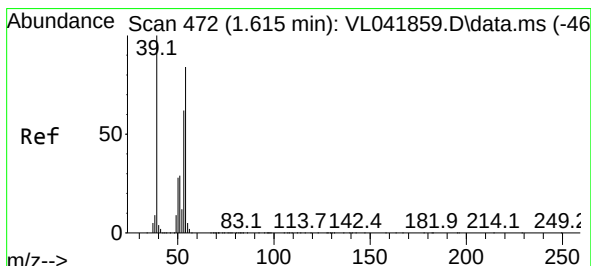
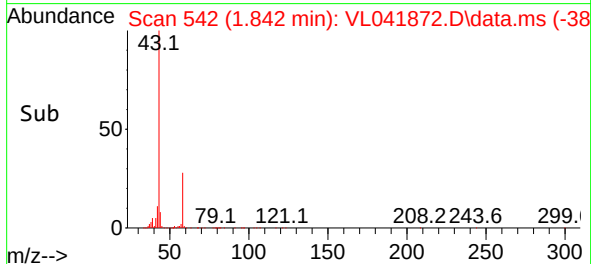
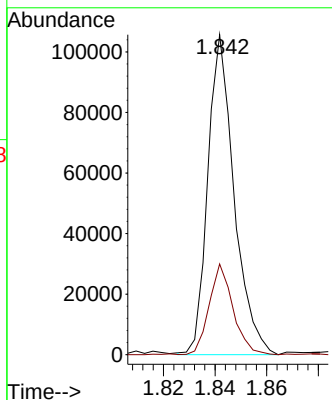
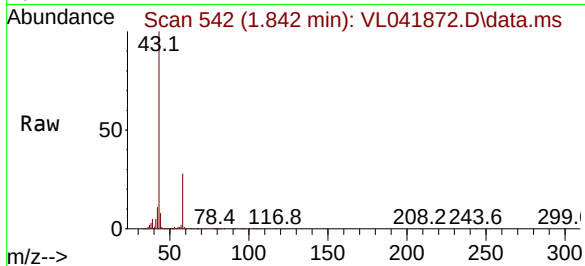




#15
Acetone
Concen: 3.719 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

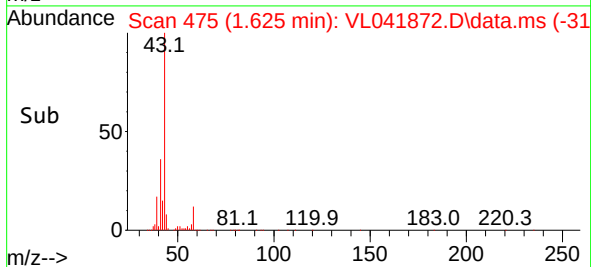
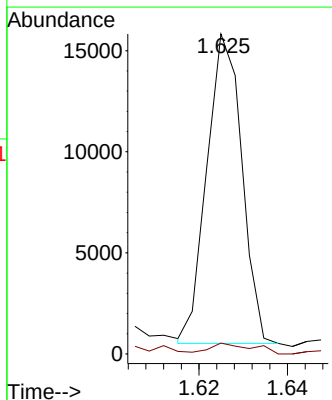
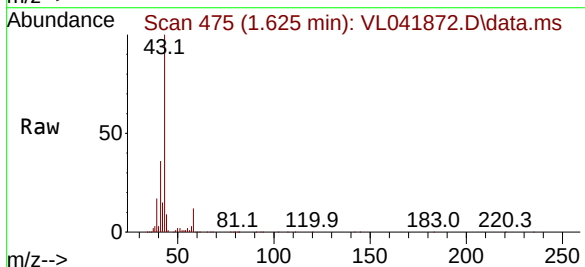
Instrument :
MSVOA_1
ClientSampleId :
INDOOR

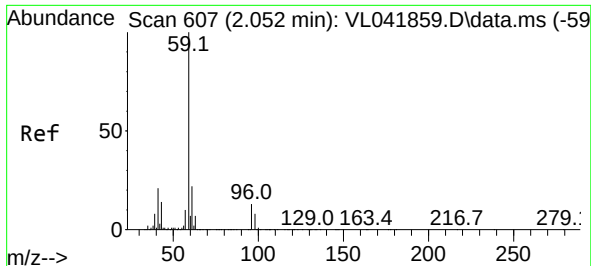
Tgt Ion: 43 Resp: 74735
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1



#16
1,3-Butadiene
Concen: 0.975 ppbv
RT: 1.625 min Scan# 475
Delta R.T. 0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 39 Resp: 8418
Ion Ratio Lower Upper
39 100
54 9.7 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.157 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_1

ClientSampleId :

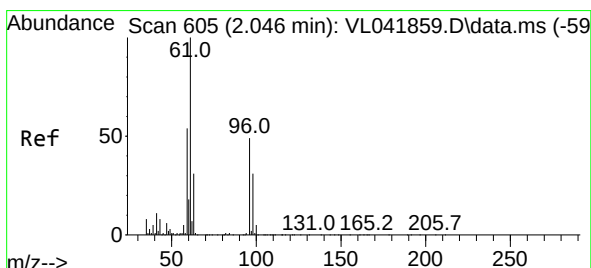
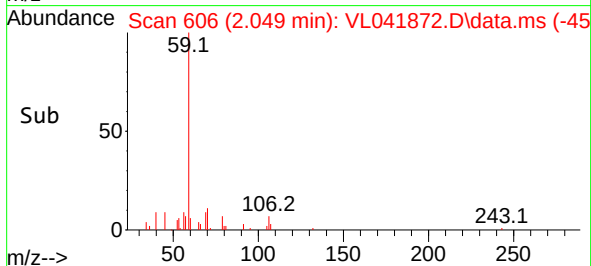
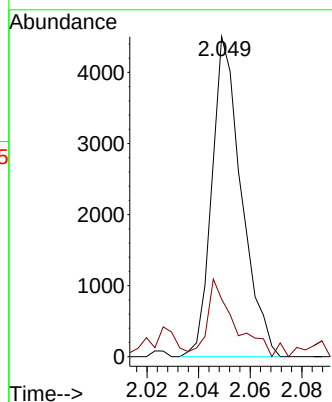
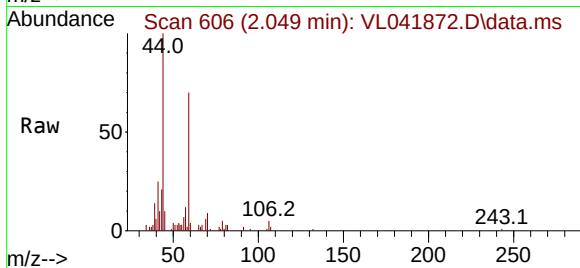
INDOOR

Tgt Ion: 59 Resp: 3585

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.004 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.006 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

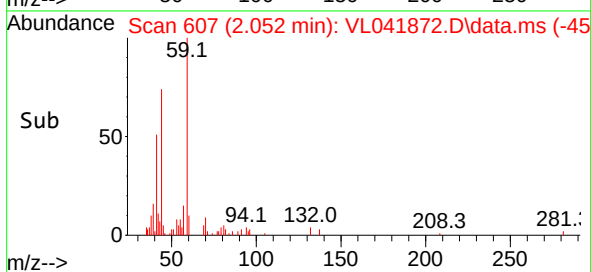
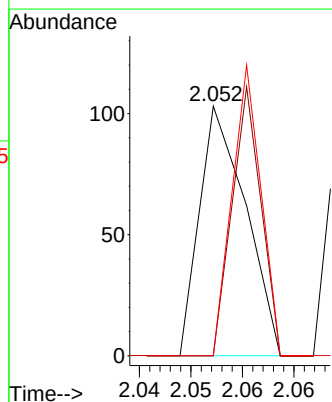
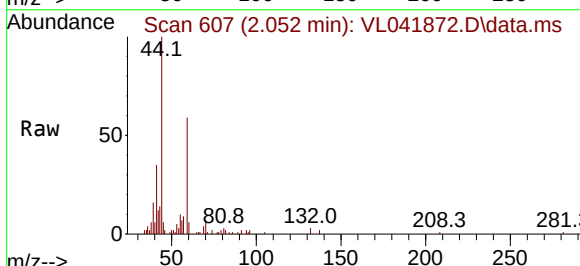
Tgt Ion: 96 Resp: 32

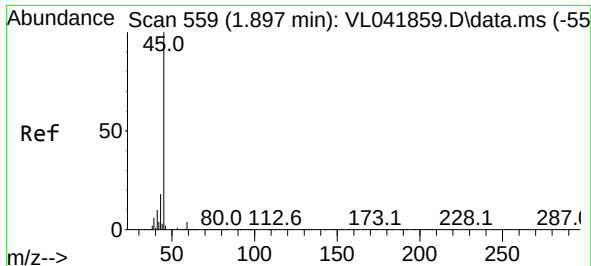
Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

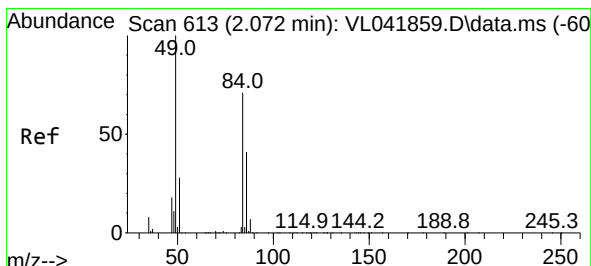
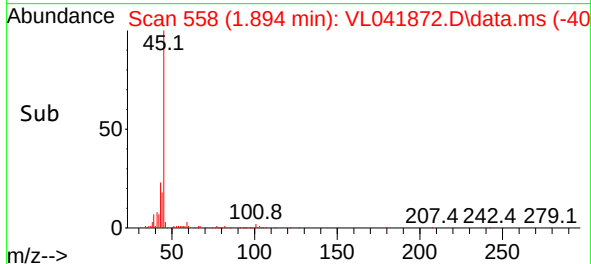
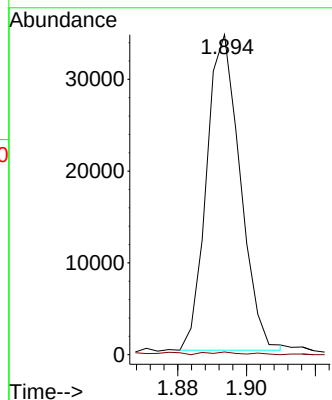
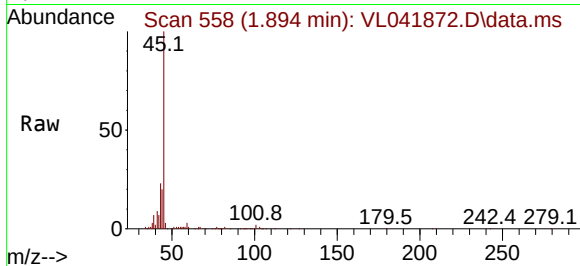




#19
Isopropyl Alcohol
Concen: 2.211 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

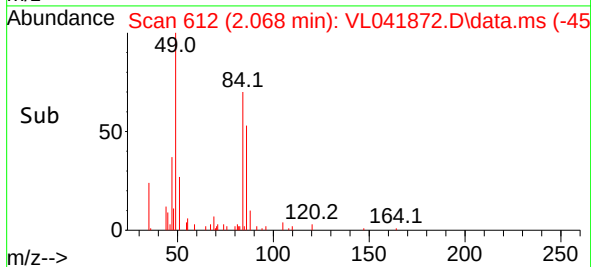
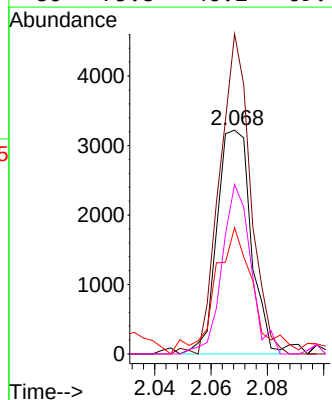
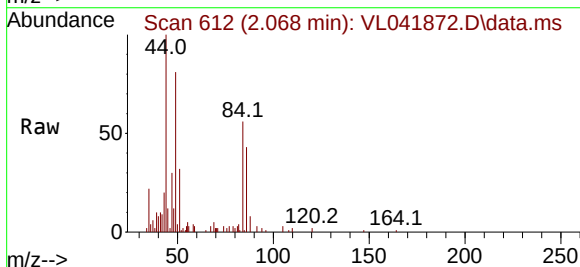
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

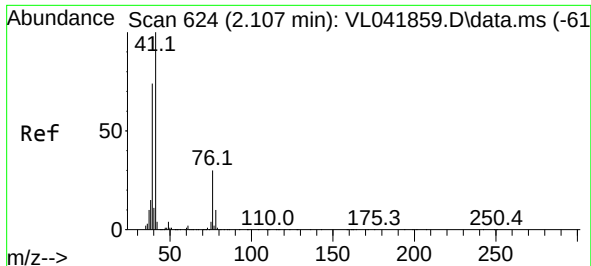
Tgt Ion: 45 Resp: 23353
Ion Ratio Lower Upper
45 100
58 84.9 37.0 55.6#



#20
Methylene Chloride
Concen: 0.394 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 84 Resp: 2700
Ion Ratio Lower Upper
84 100
49 140.4 113.8 170.8
51 50.1 33.5 50.3
86 75.8 46.2 69.4#

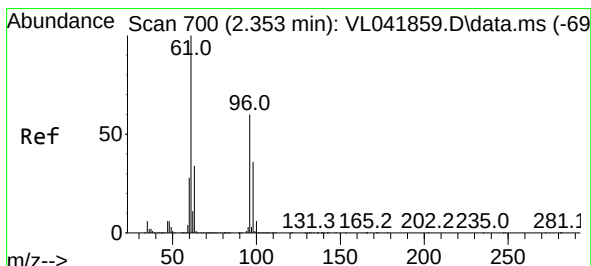
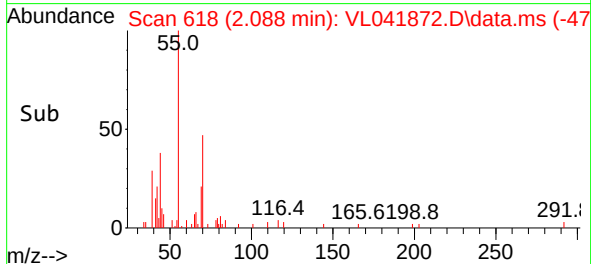
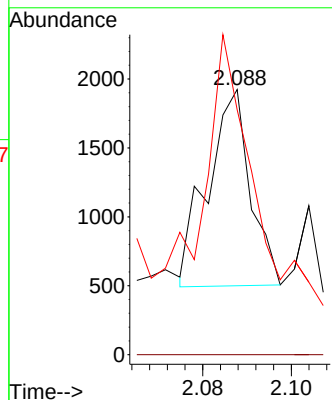
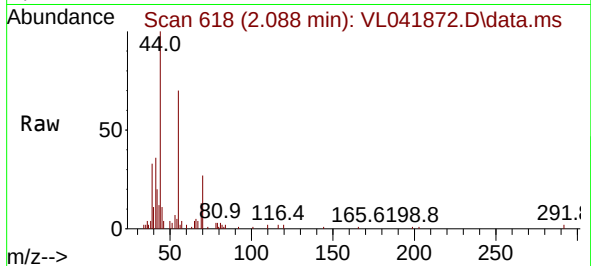




#21
 Allyl Chloride
 Concen: 0.074 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

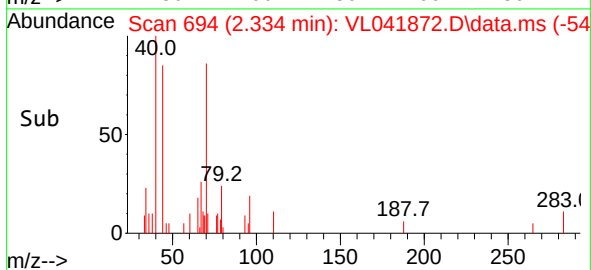
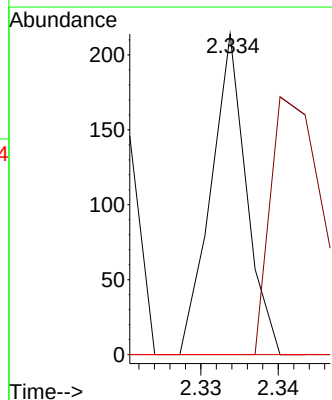
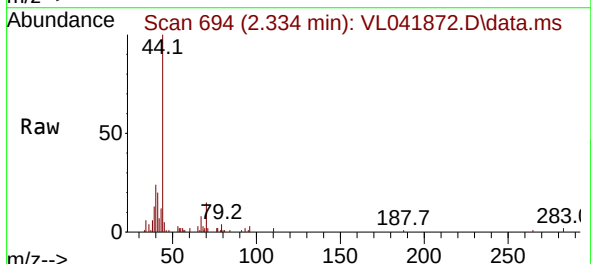
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

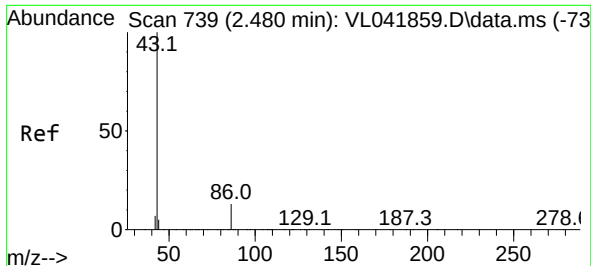
Tgt Ion: 41 Resp: 955
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.6 36.8#
 39 203.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.008 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.020 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion: 96 Resp: 68
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.2 201.4#
 98 0.0 49.0 73.4#

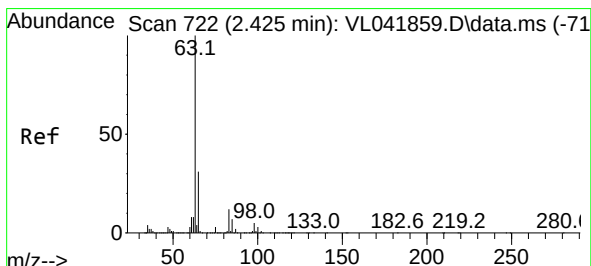
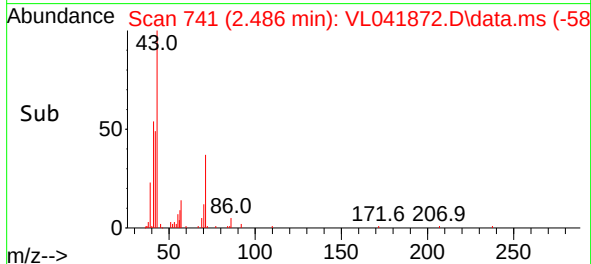
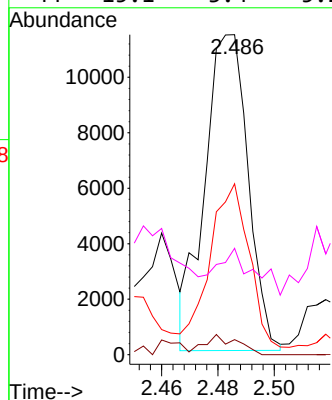
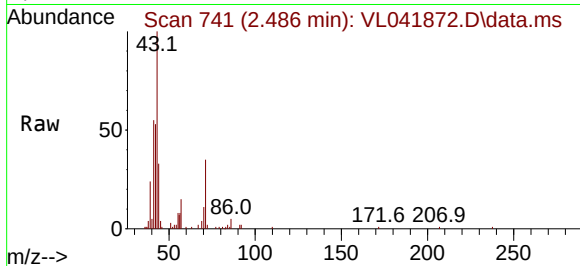




#23
 Vinyl Acetate
 Concen: 1.198 ppbv
 RT: 2.486 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

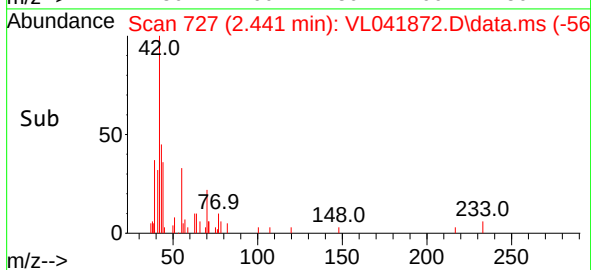
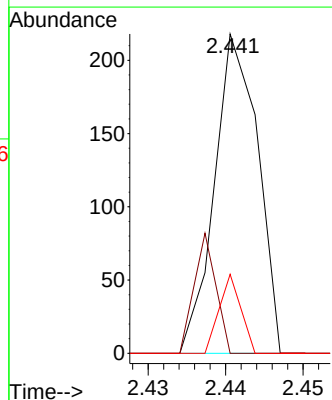
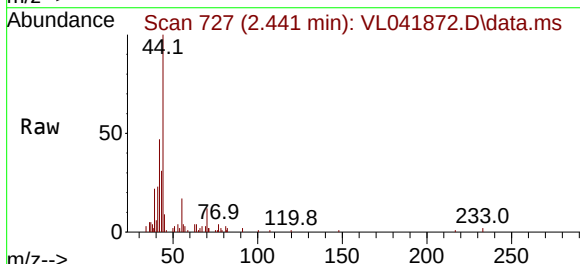
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

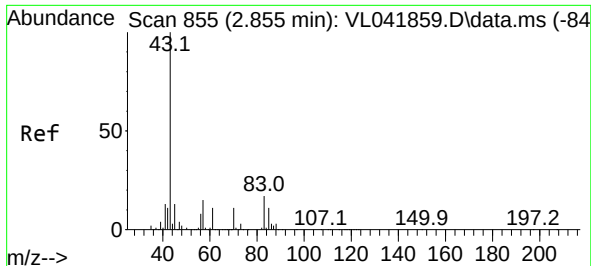
Tgt Ion:	43	Resp:	12203
Ion	Ratio	Lower	Upper
43	100		
86	4.9	7.8	11.6#
42	52.7	7.0	10.4#
44	15.1	3.4	5.2#



#24
 1,1-Dichloroethane
 Concen: 0.005 ppbv
 RT: 2.441 min Scan# 727
 Delta R.T. 0.016 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion:	63	Resp:	85
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	12.9	1.3	3.8#

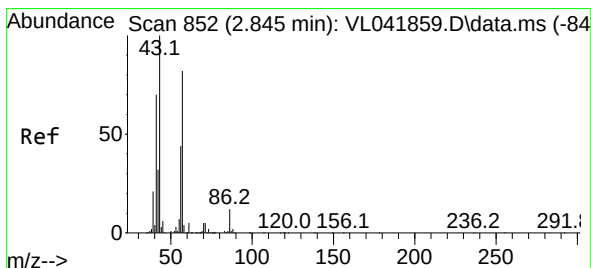
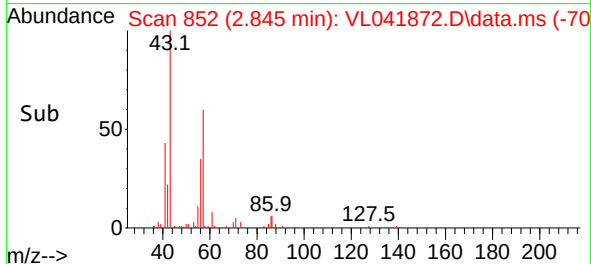
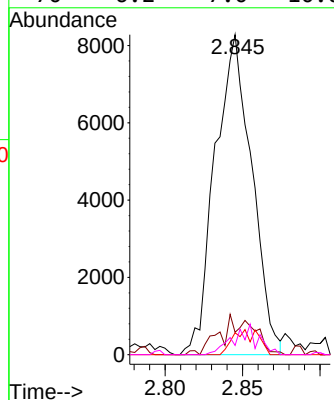
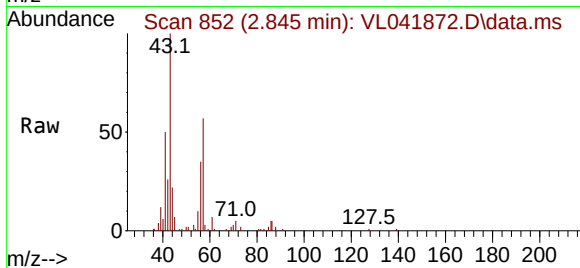




#25
Ethyl Acetate
Concen: 0.274 ppbv
RT: 2.845 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

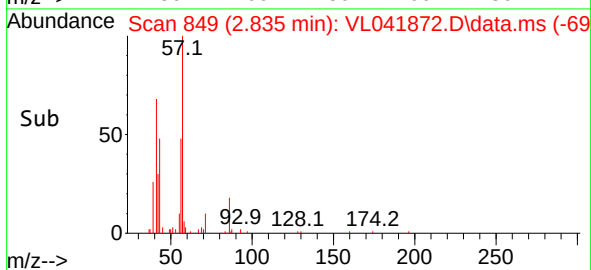
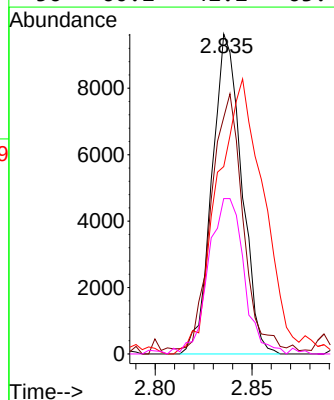
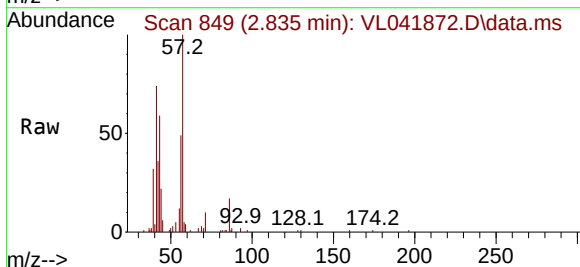
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

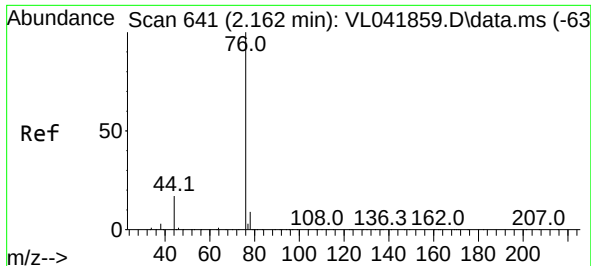
Tgt Ion:	43	Resp:	13700
Ion	Ratio	Lower	Upper
43	100		
45	12.2	8.4	12.6
61	5.4	7.3	10.9#
70	6.2	7.0	10.6#



#26
Hexane
Concen: 0.501 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion:	57	Resp:	10287
Ion	Ratio	Lower	Upper
57	100		
41	90.9	71.5	107.3
43	135.4	200.2	300.4#
56	60.2	42.2	63.4

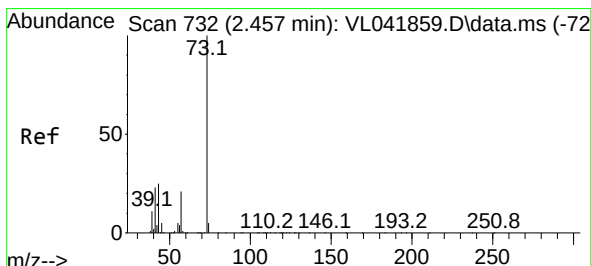
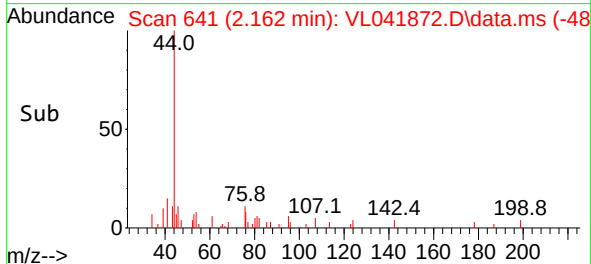
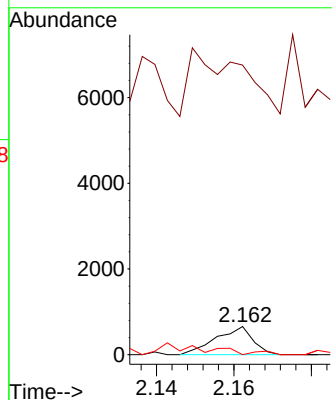
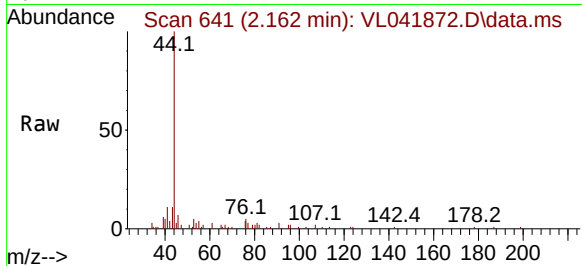




#27
Carbon Disulfide
Concen: 0.022 ppbv
RT: 2.162 min Scan# 641
Delta R.T. -0.000 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

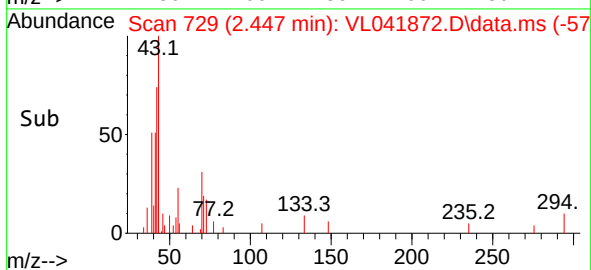
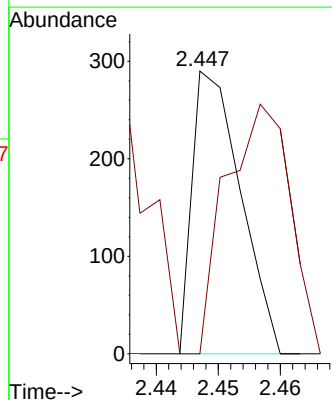
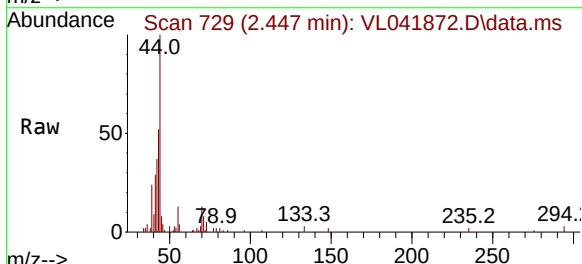
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

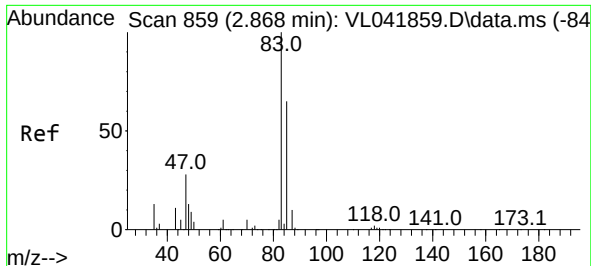
Tgt Ion: 76 Resp: 438
Ion Ratio Lower Upper
76 100
44 2000.2 13.1 19.7#
78 60.5 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.010 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 73 Resp: 157
Ion Ratio Lower Upper
73 100
57 198.7 17.5 26.3#





#29

Chloroform

Concen: 0.036 ppbv

RT: 2.865 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

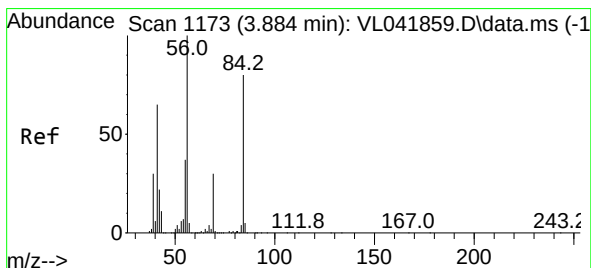
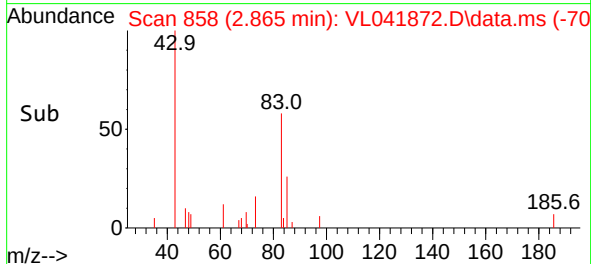
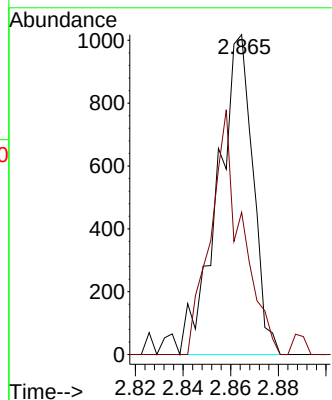
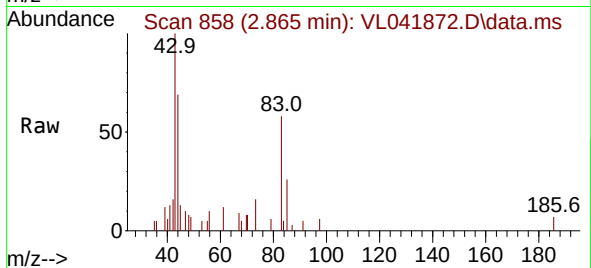
INDOOR

Tgt Ion: 83 Resp: 1046

Ion Ratio Lower Upper

83 100

85 44.5 51.7 77.5#



#30

Cyclohexane

Concen: 0.102 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. -0.007 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

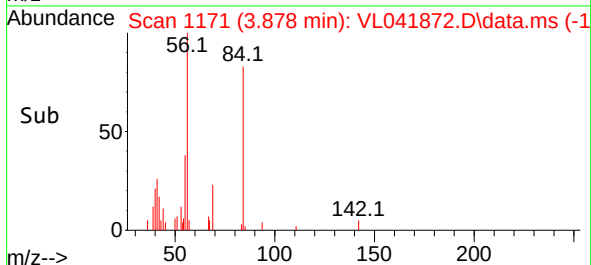
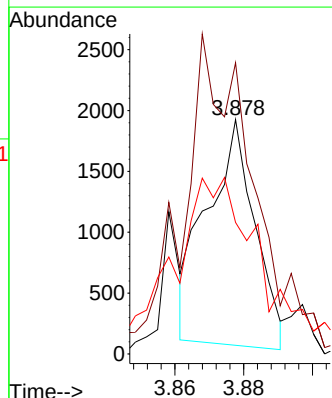
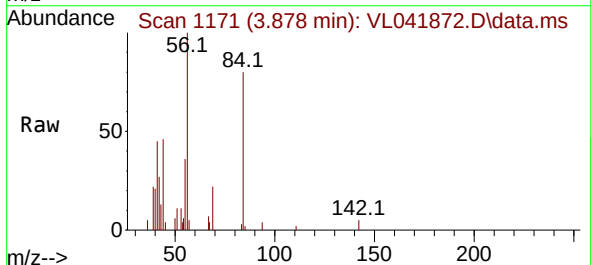
Tgt Ion: 84 Resp: 1791

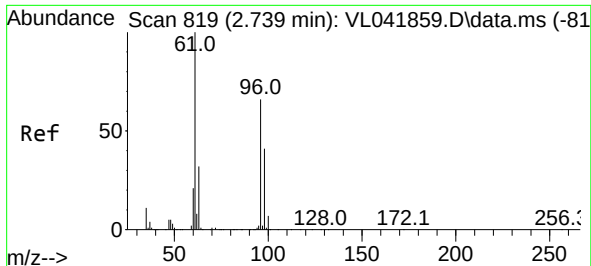
Ion Ratio Lower Upper

84 100

56 211.2 100.7 151.1#

41 175.2 62.8 94.2#

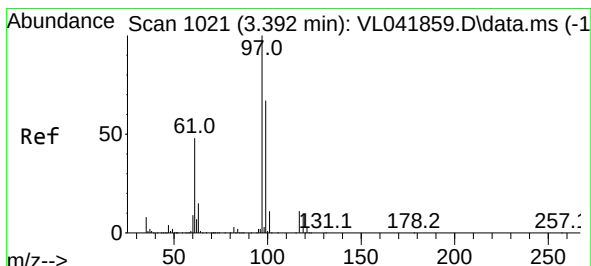
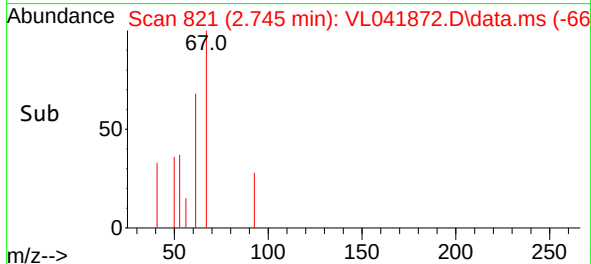
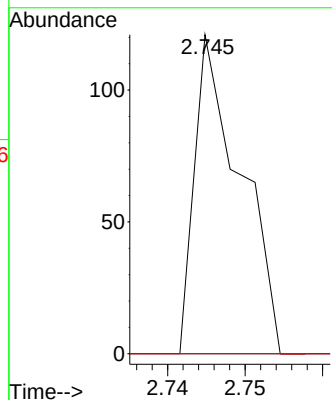
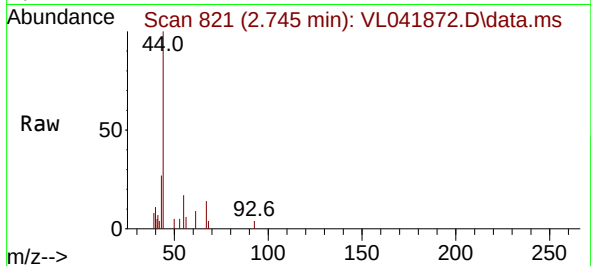




#31
 cis-1,2-Dichloroethene
 Concen: 0.002 ppbv
 RT: 2.745 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

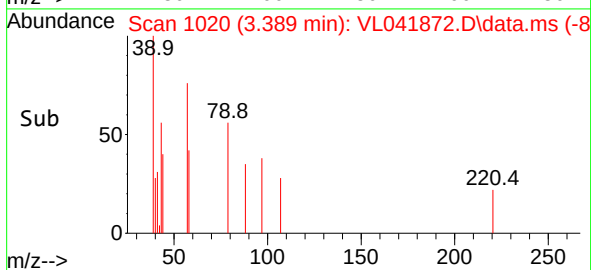
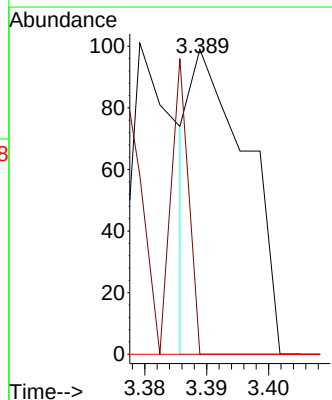
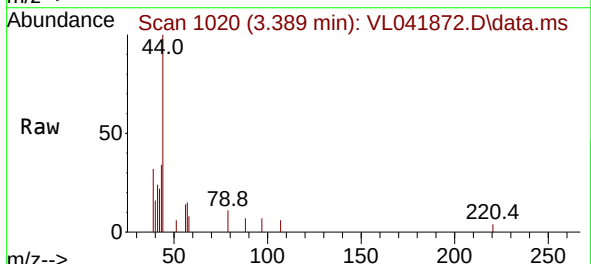
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

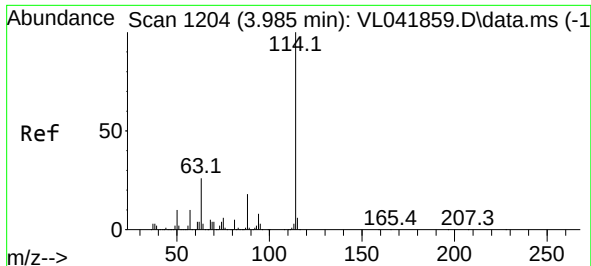
Tgt Ion:	61	Resp:	50
Ion	Ratio	Lower	Upper
61	100		
96	0.0	53.2	79.8#
98	0.0	32.5	48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.002 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion:	97	Resp:	61
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	0.0	38.8	58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR

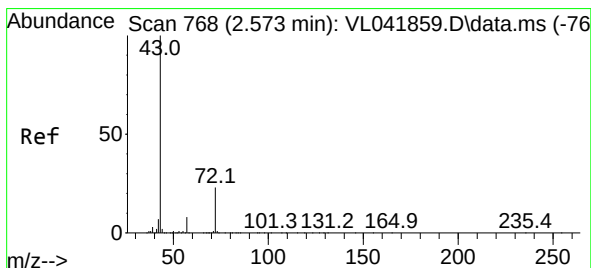
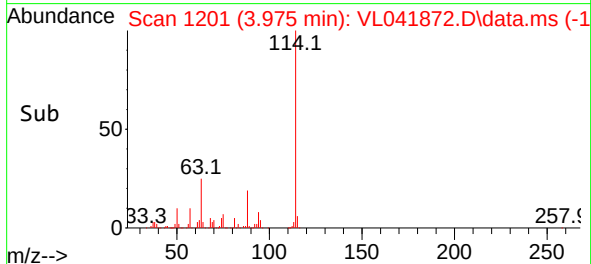
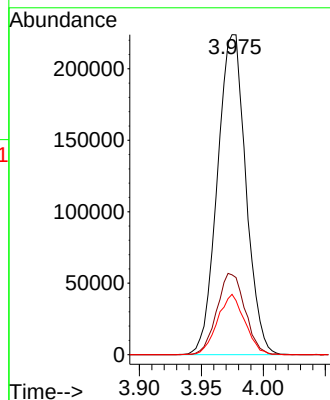
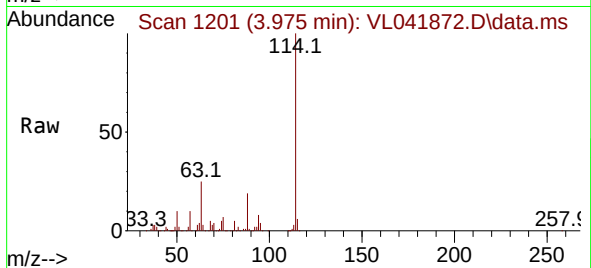
Tgt Ion:114 Resp: 358497

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 18.1 14.6 21.8



#34

2-Butanone

Concen: 0.156 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041872.D

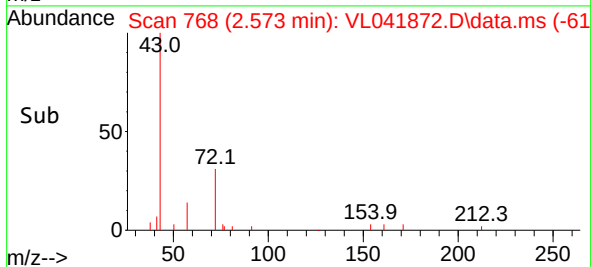
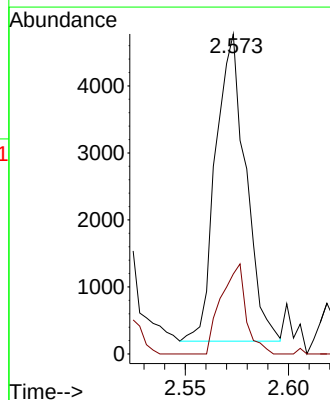
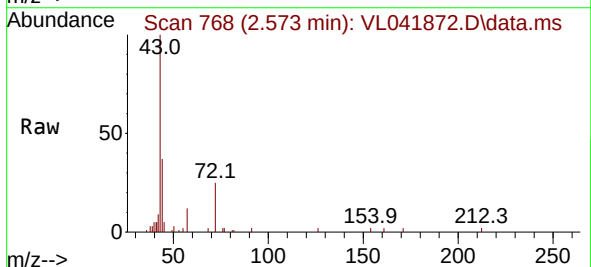
Acq: 09 Jan 2025 18:37

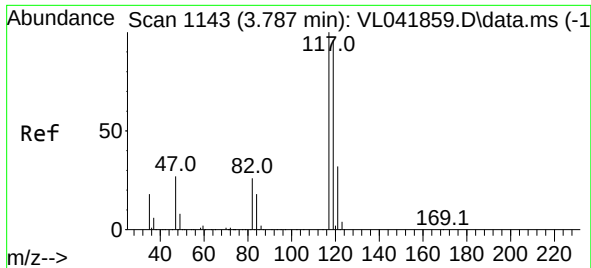
Tgt Ion: 43 Resp: 4652

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7

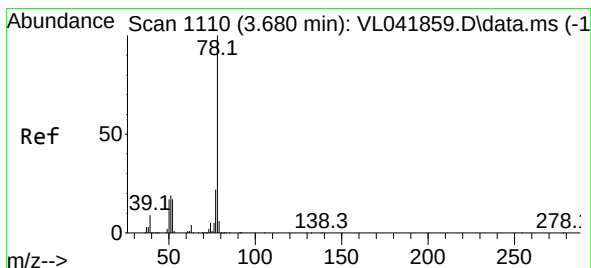
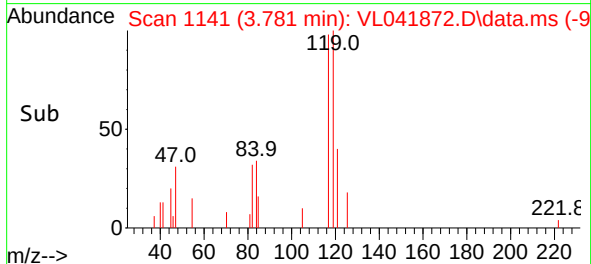
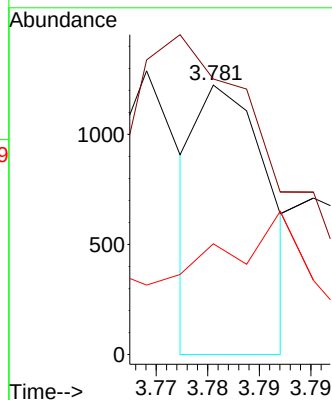
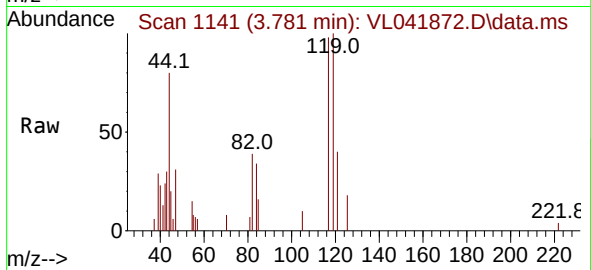




#35
Carbon Tetrachloride
Concen: 0.021 ppbv
RT: 3.781 min Scan# 1141
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

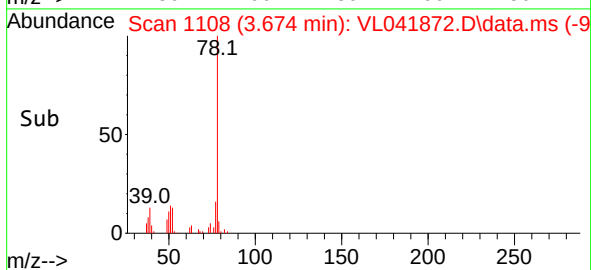
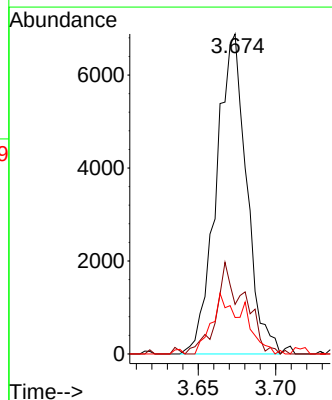
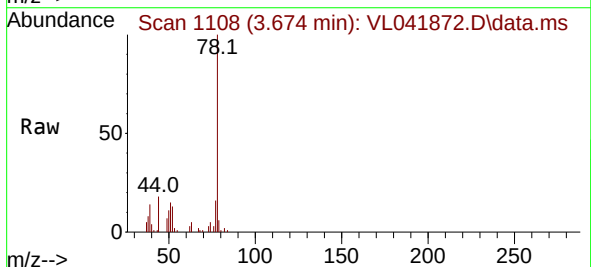
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

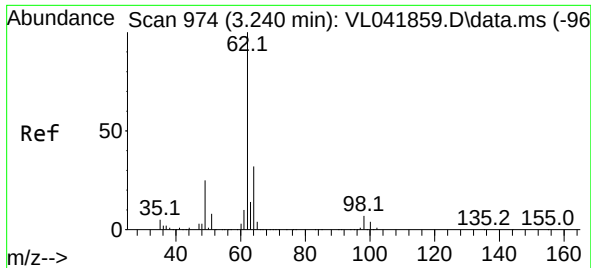
Tgt Ion:117 Resp: 577
Ion Ratio Lower Upper
117 100
119 87.7 76.9 115.3
121 23.8 25.9 38.9#



#36
Benzene
Concen: 0.225 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 78 Resp: 9375
Ion Ratio Lower Upper
78 100
77 15.5 17.9 26.9#
50 10.3 13.7 20.5#

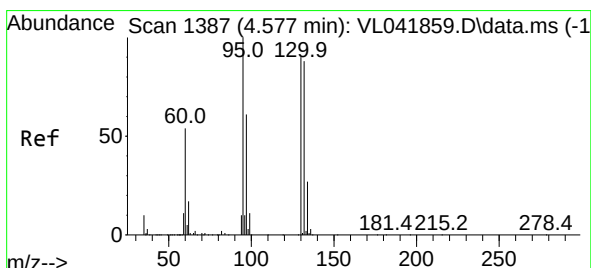
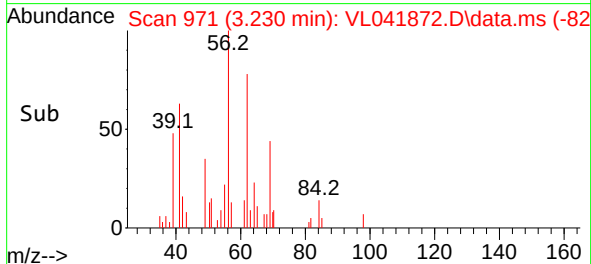
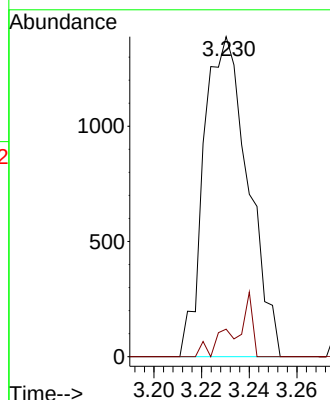
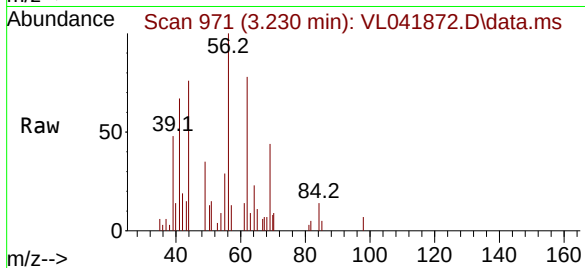




#37
1,2-Dichloroethane
Concen: 0.082 ppbv
RT: 3.230 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

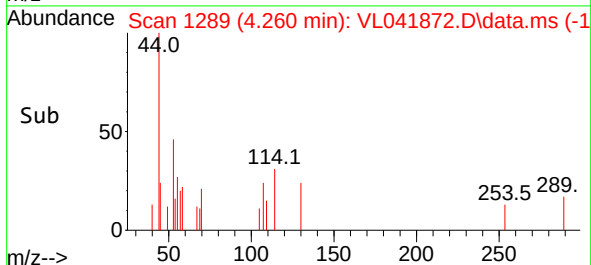
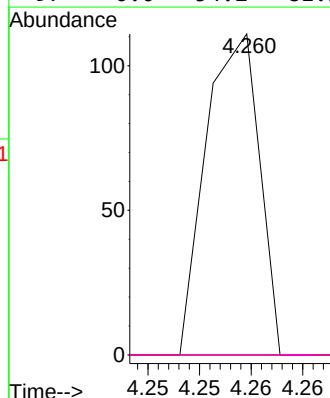
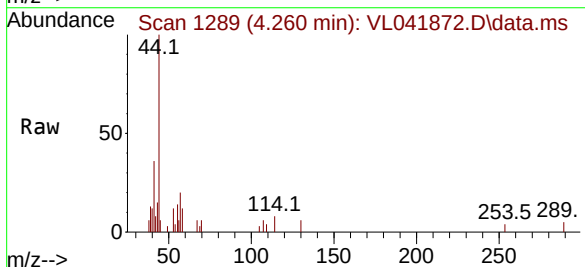
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

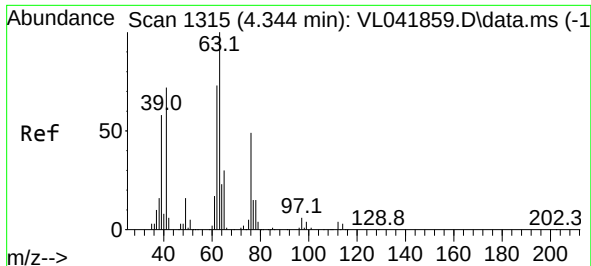
Tgt Ion: 62 Resp: 1792
Ion Ratio Lower Upper
62 100
98 8.0 5.6 8.4



#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.260 min Scan# 1289
Delta R.T. -0.317 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion:130 Resp: 40
Ion Ratio Lower Upper
130 100
95 0.0 88.5 132.7#
132 0.0 78.2 117.2#
97 0.0 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 6.068 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.372 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR

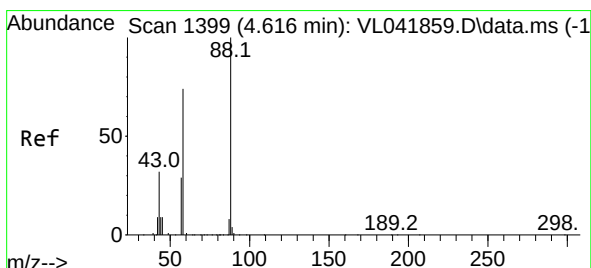
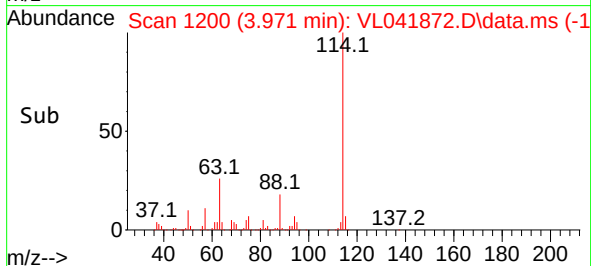
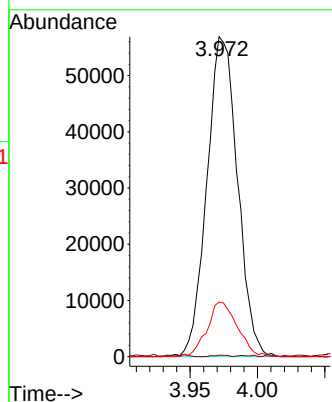
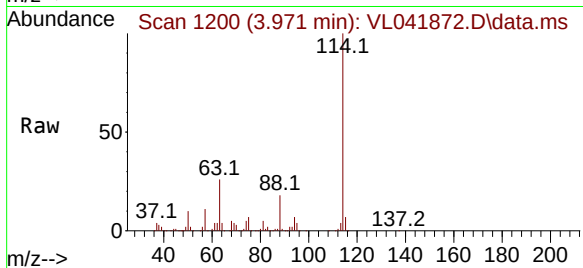
Tgt Ion: 63 Resp: 89780

Ion Ratio Lower Upper

63 100

41 0.3 58.0 87.0#

62 17.1 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. -0.013 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Tgt Ion: 88 Resp: 23

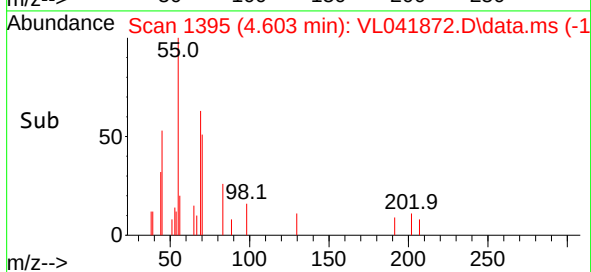
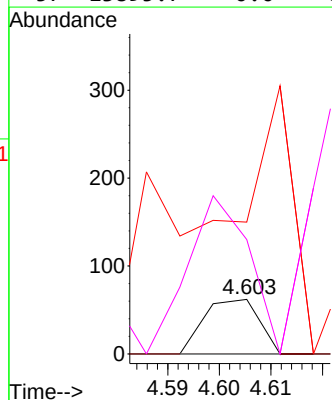
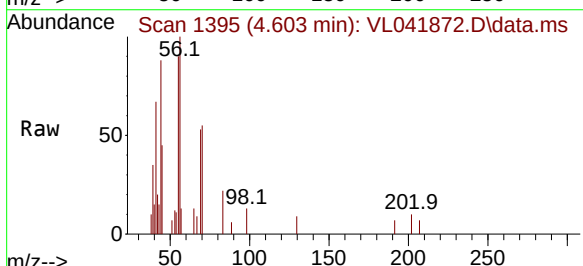
Ion Ratio Lower Upper

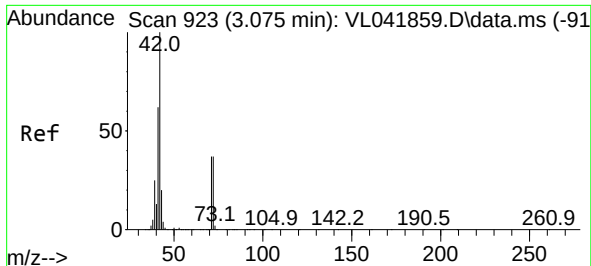
88 100

58 626.1 52.2 78.4#

43 4939.1 0.0 0.0#

57 13895.7 0.0 0.0#

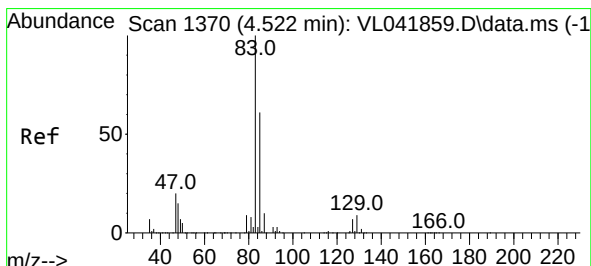
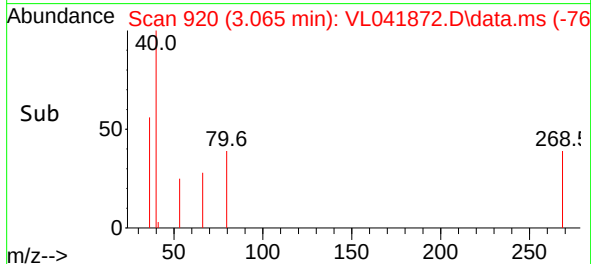
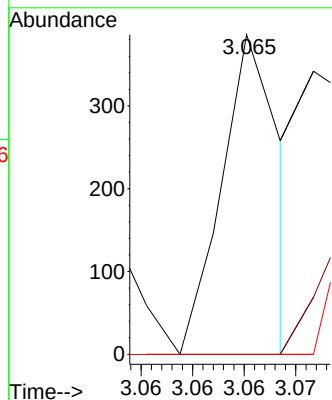
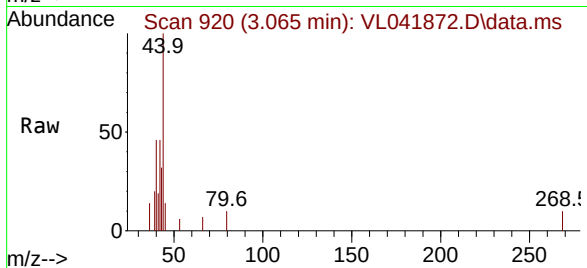




#41
Tetrahydrofuran
Concen: 0.009 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

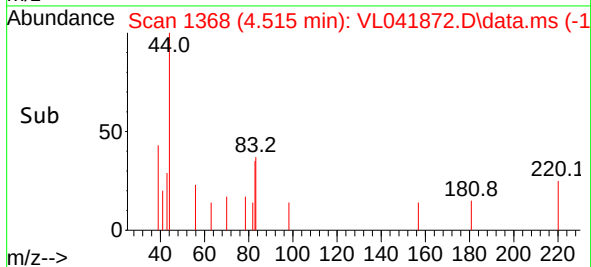
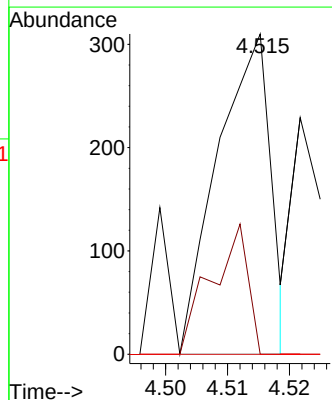
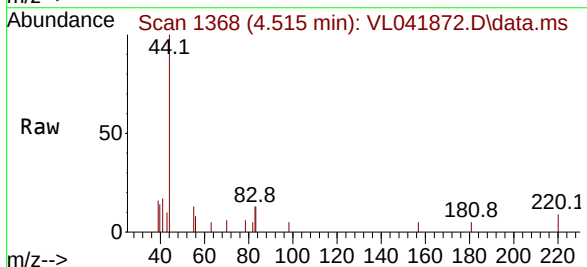
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

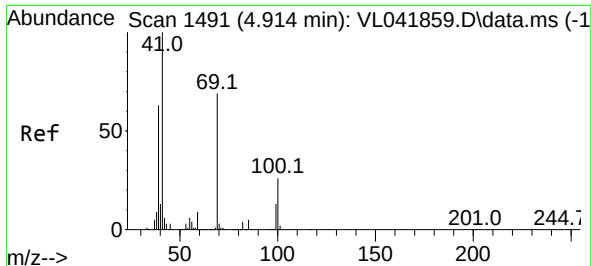
Tgt Ion: 42 Resp: 154
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.006 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 83 Resp: 186
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#

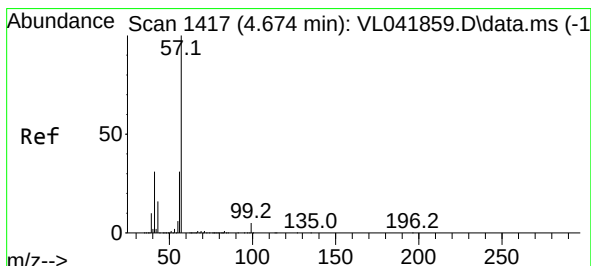
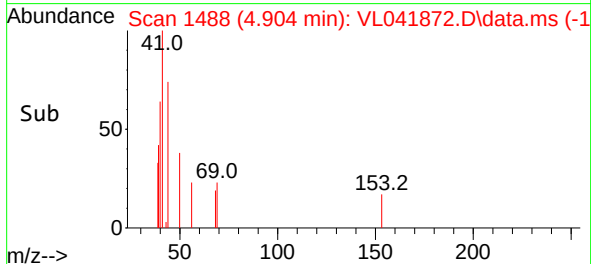
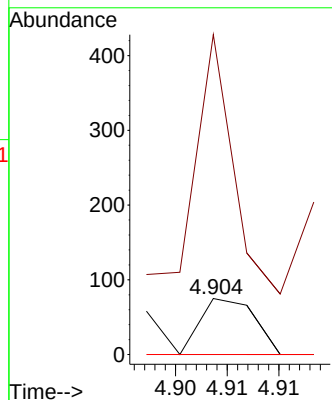
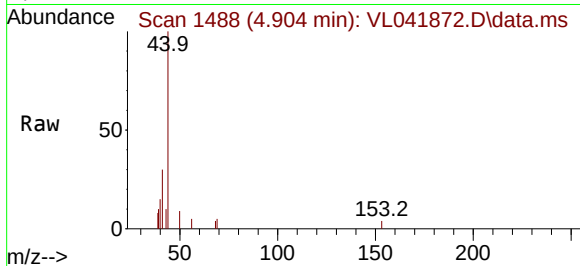




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.904 min Scan# 1411
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

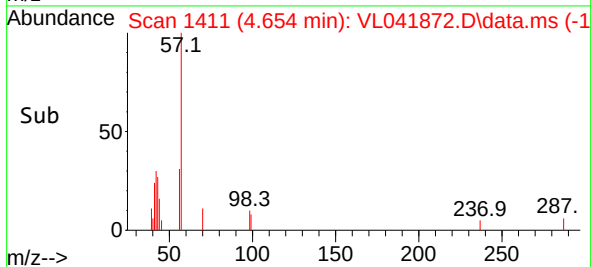
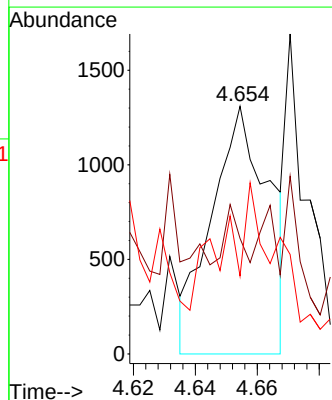
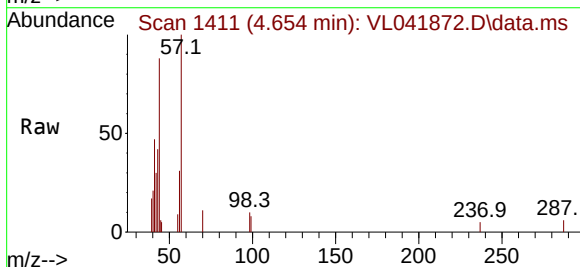
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

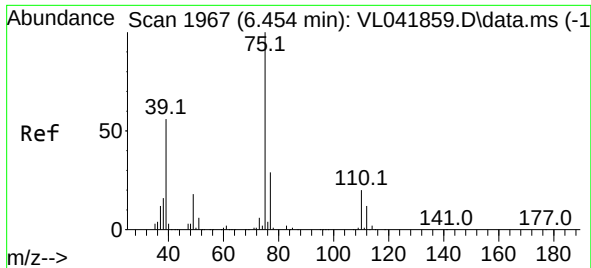
Tgt Ion: 69 Resp: 27
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.024 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. -0.020 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 57 Resp: 1673
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 86.4 25.6 38.4#

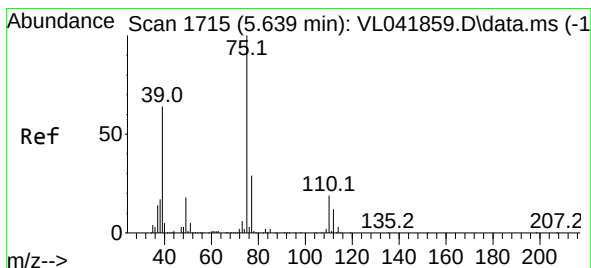
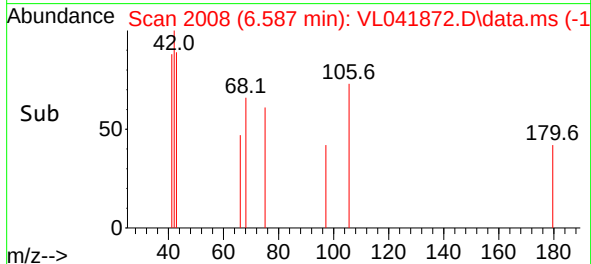
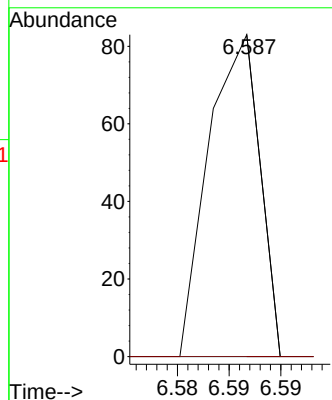
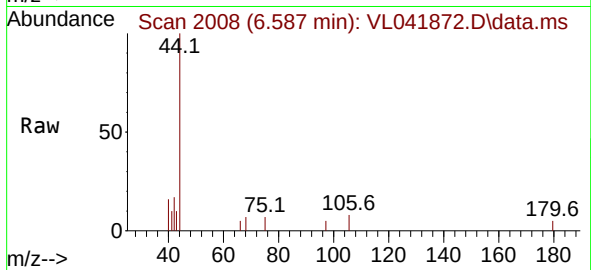




#45
 t-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 6.587 min Scan# 20
 Delta R.T. 0.133 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

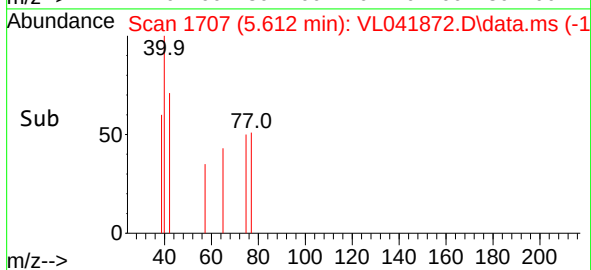
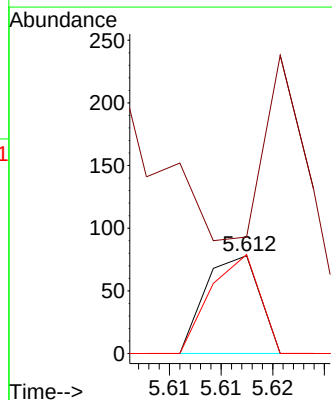
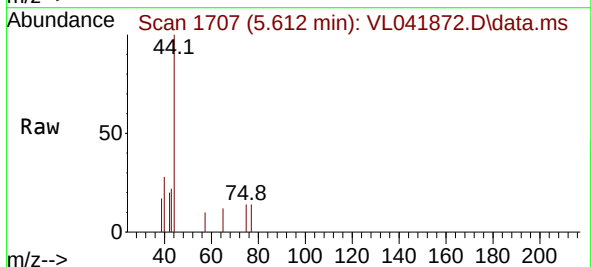
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

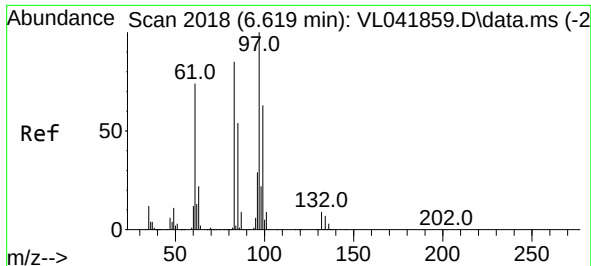
Tgt Ion: 75 Resp: 29
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.4 35.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 5.612 min Scan# 1707
 Delta R.T. -0.026 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 39 0.0 51.4 77.2#
 77 101.3 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.002 ppbv

RT: 6.590 min Scan# 2018

Delta R.T. -0.029 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR

Tgt Ion: 97 Resp: 27

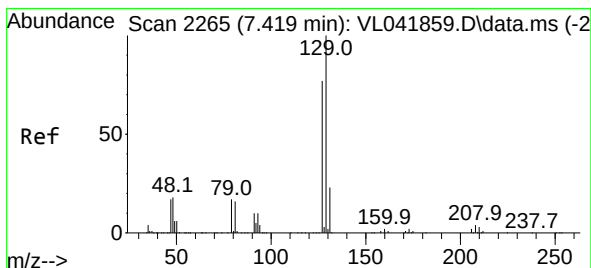
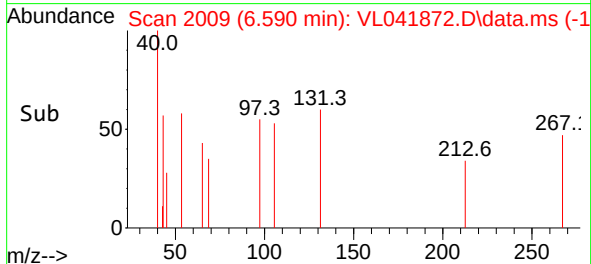
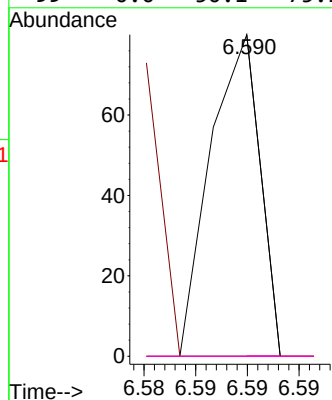
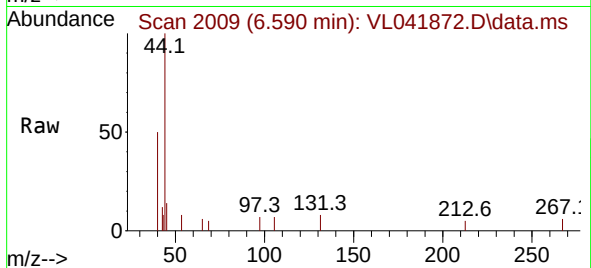
Ion Ratio Lower Upper

97 100

83 0.0 68.1 102.1#

85 0.0 43.4 65.2#

99 0.0 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.002 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.013 min

Lab File: VL041872.D

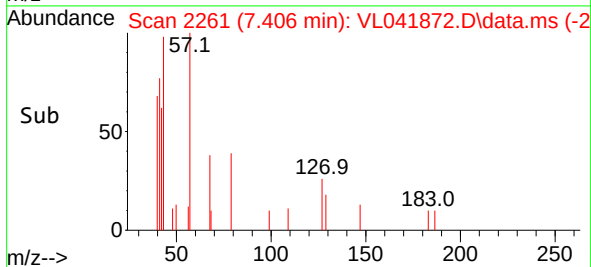
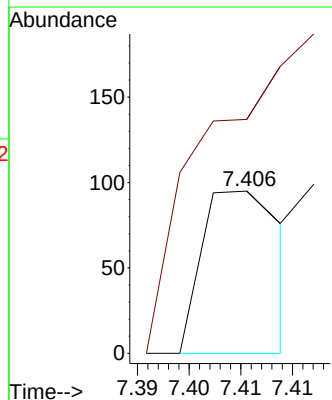
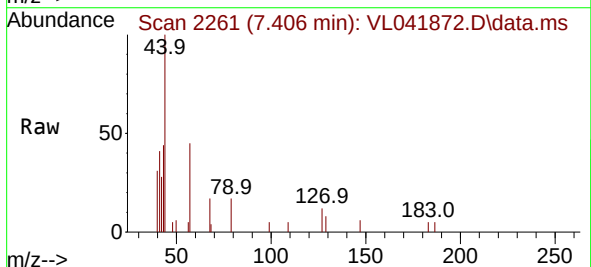
Acq: 09 Jan 2025 18:37

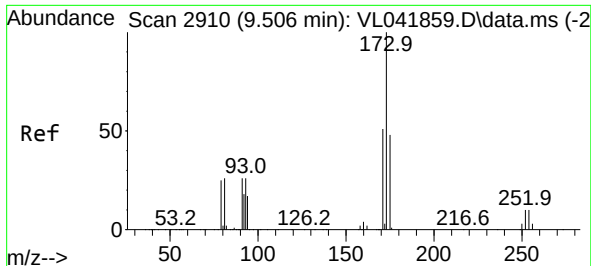
Tgt Ion: 129 Resp: 51

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#

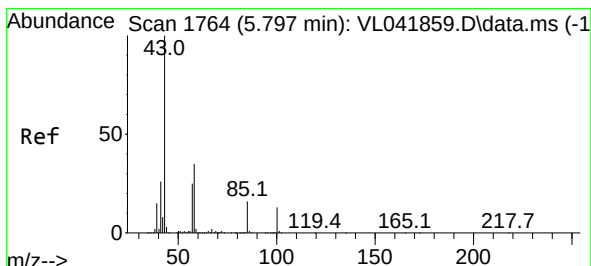
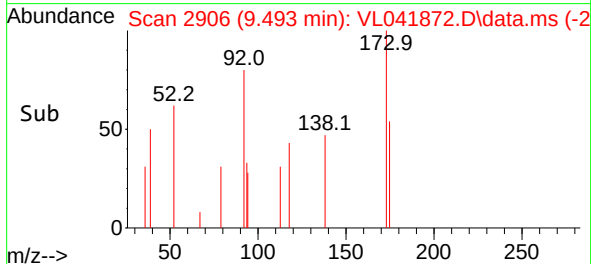
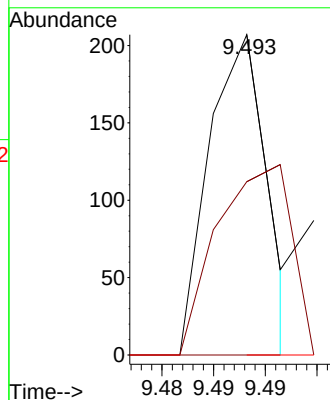
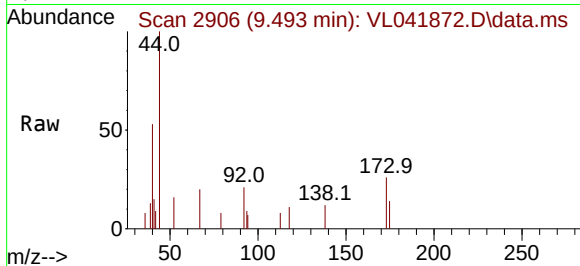




#49
Bromoform
Concen: 0.004 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

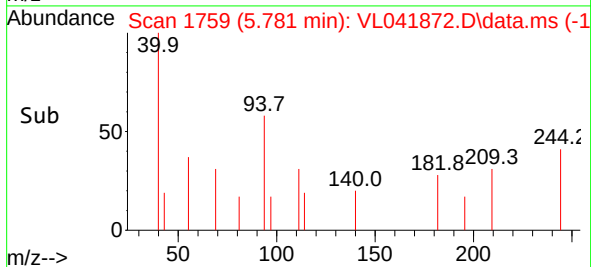
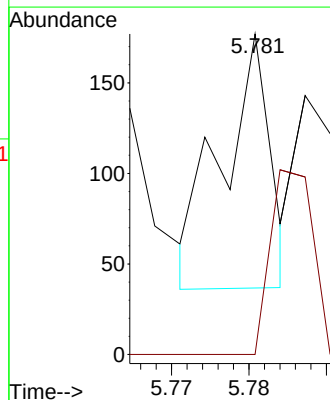
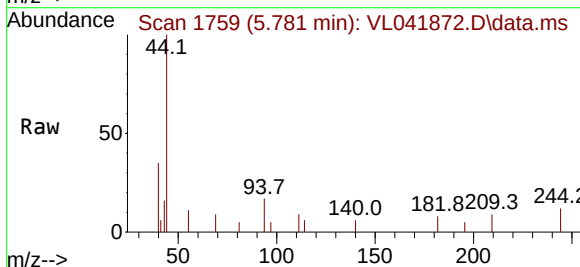
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

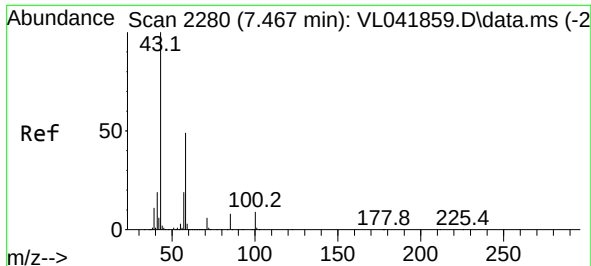
Tgt Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 75.3 38.2 57.2#
171 0.0 41.3 61.9#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.781 min Scan# 1759
Delta R.T. -0.016 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 111.5 29.4 44.2#

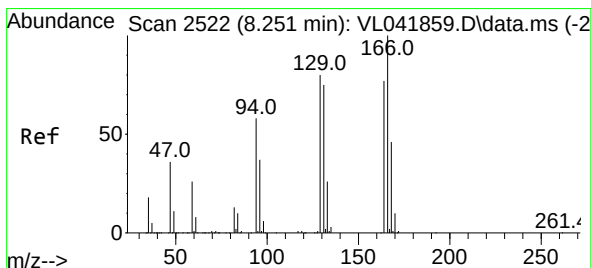
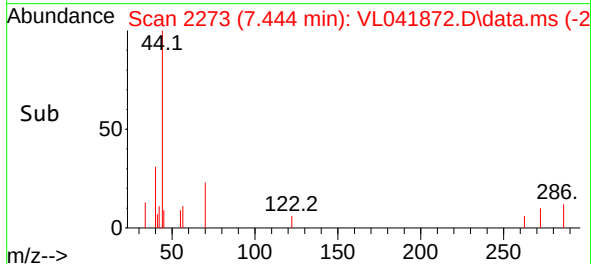
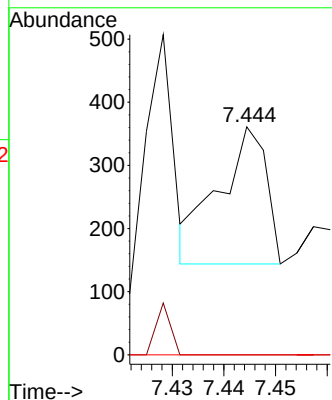
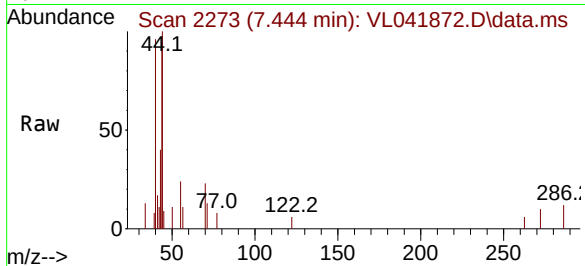




#51
2-Hexanone
Concen: 0.004 ppbv
RT: 7.444 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

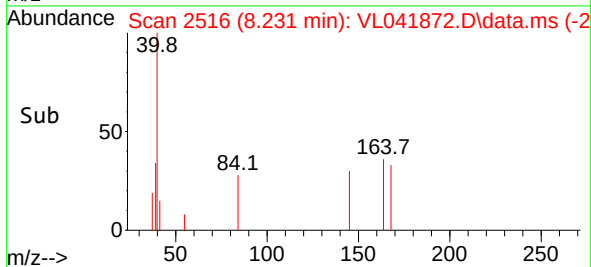
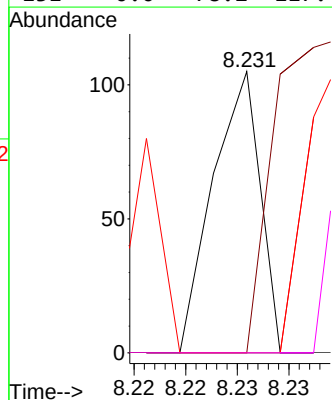
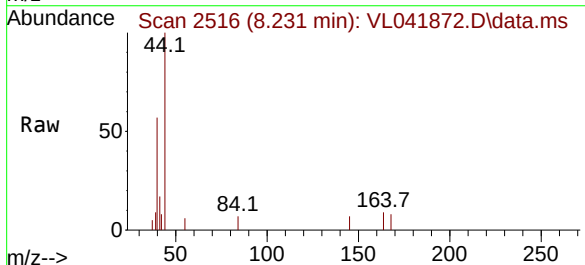
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

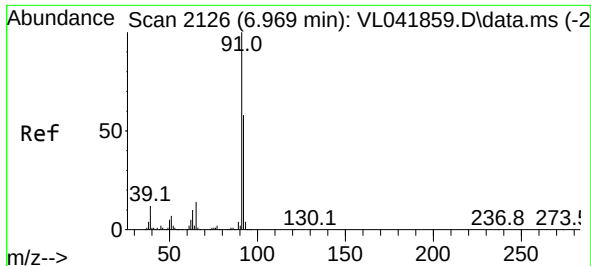
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.020 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 164 Resp: 33
Ion Ratio Lower Upper
164 100
166 0.0 103.6 155.4#
129 0.0 82.6 123.8#
131 0.0 78.2 117.4#

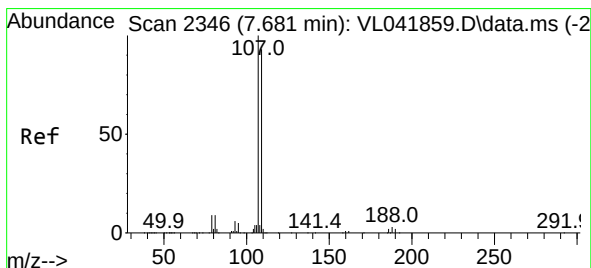
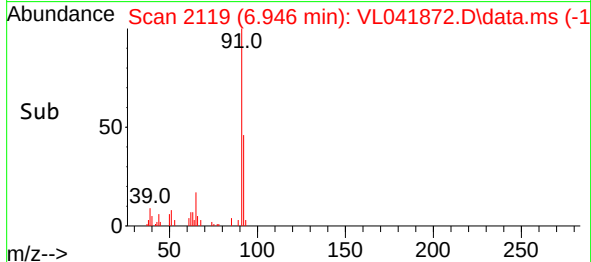
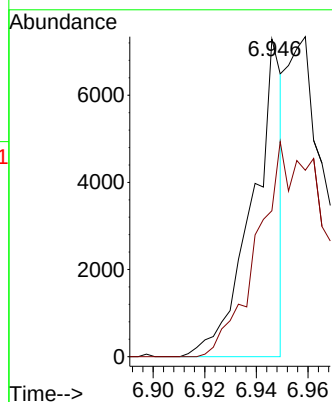
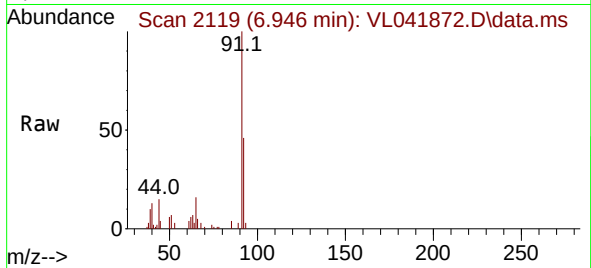




#53
Toluene
Concen: 0.118 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.023 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

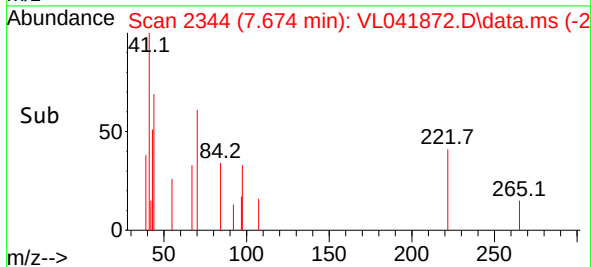
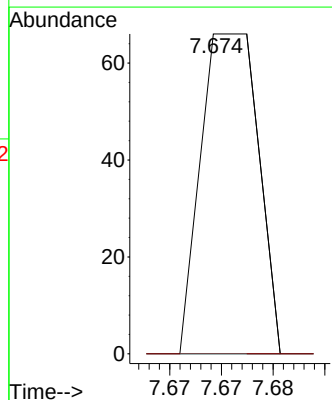
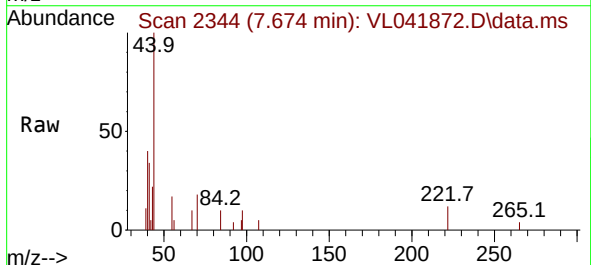
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

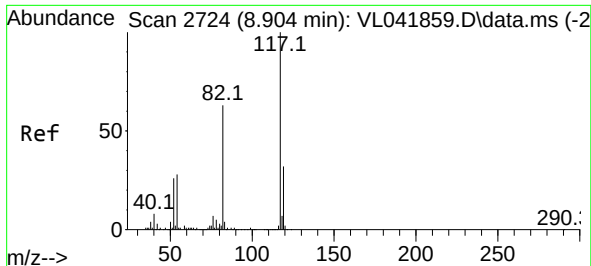
Tgt Ion: 91 Resp: 5818
Ion Ratio Lower Upper
91 100
92 155.3 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 107 Resp: 26
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#

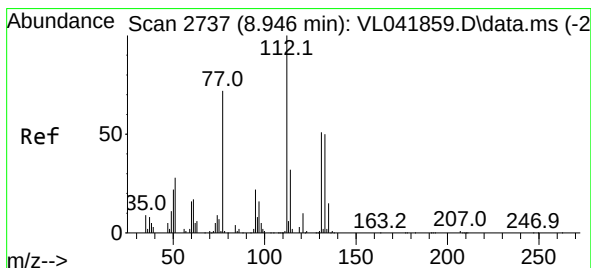
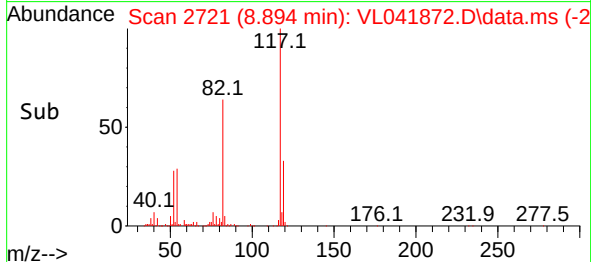
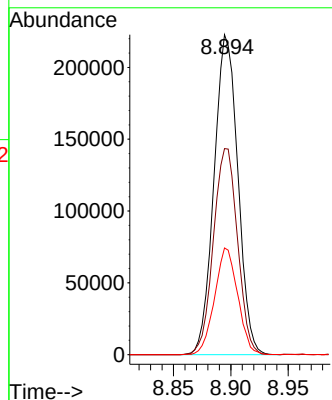
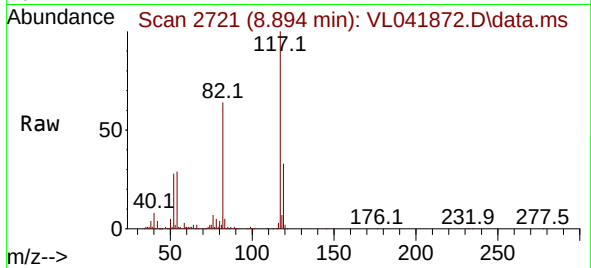




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

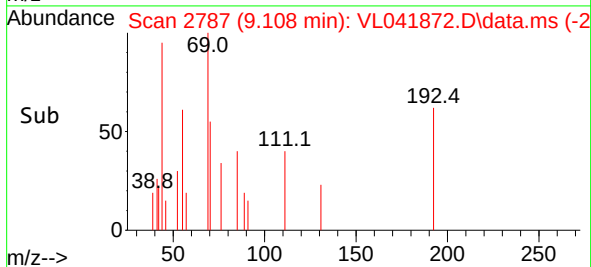
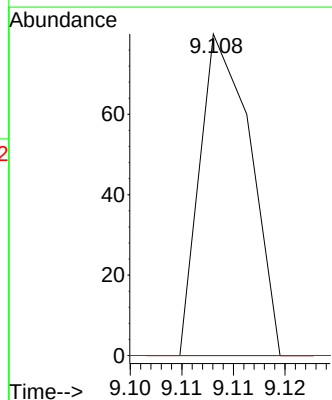
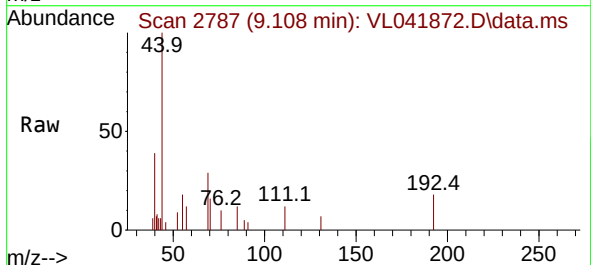
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

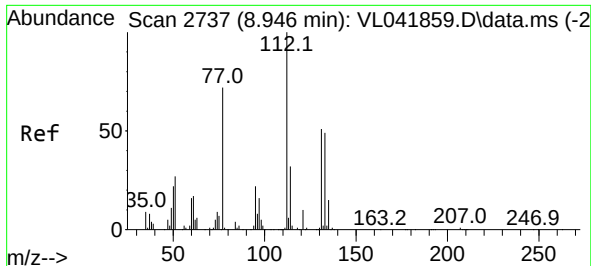
Tgt Ion:117 Resp: 322381
Ion Ratio Lower Upper
117 100
82 65.1 54.5 81.7
119 32.5 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 9.108 min Scan# 2787
Delta R.T. 0.162 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion:131 Resp: 27
Ion Ratio Lower Upper
131 100
133 4192.6 77.4 116.2#
119 386048.1 49.4 74.0#

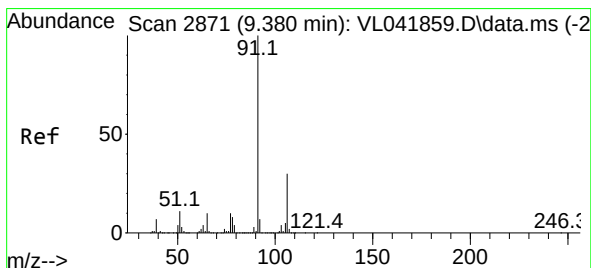
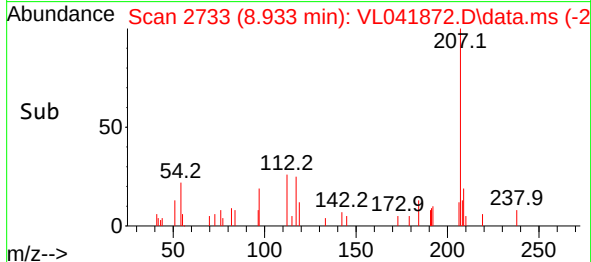
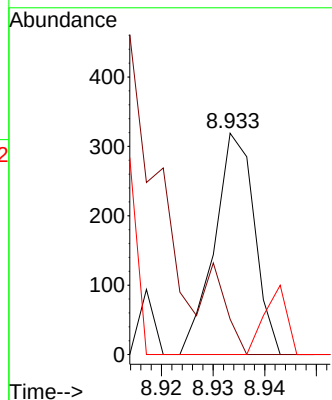
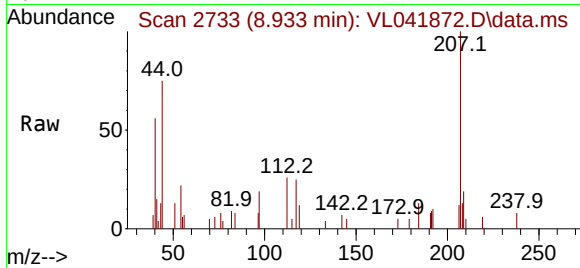




#57
Chlorobenzene
Concen: 0.005 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

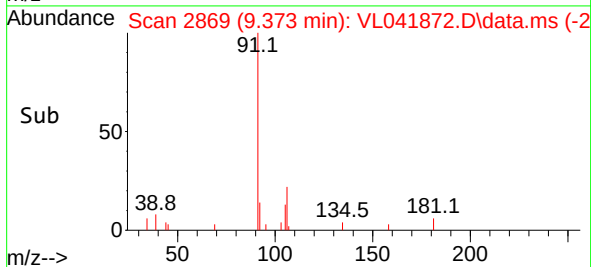
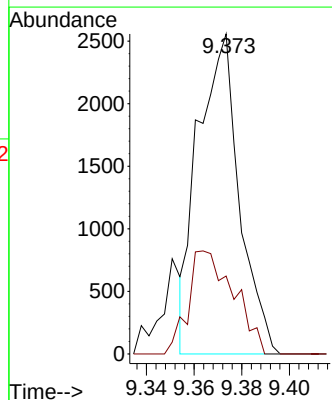
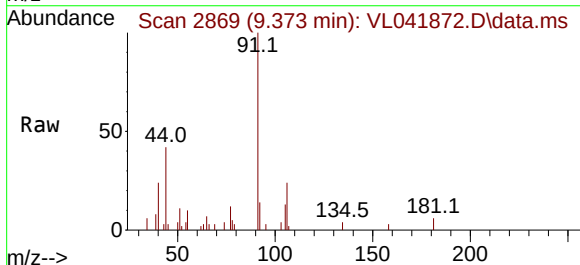
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

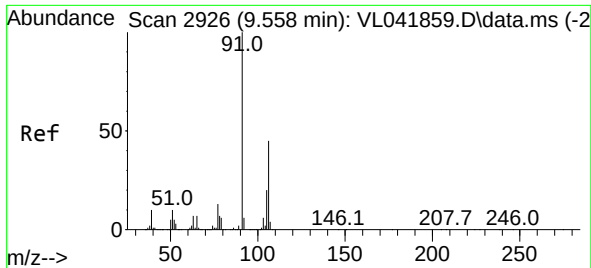
Tgt Ion:112 Resp: 172
Ion Ratio Lower Upper
112 100
77 16.0 58.3 87.5#
114 0.0 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.046 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 91 Resp: 3068
Ion Ratio Lower Upper
91 100
106 24.3 24.2 36.2

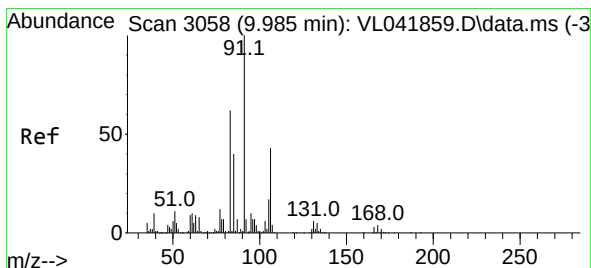
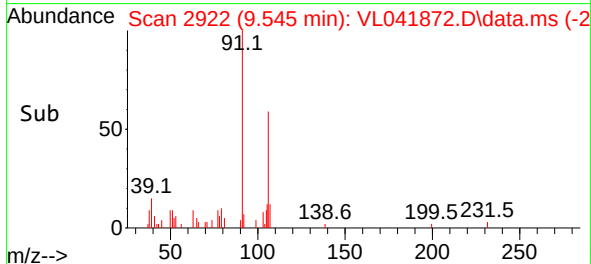
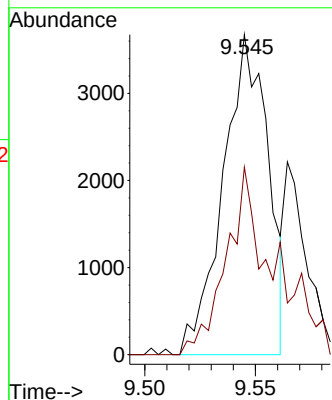
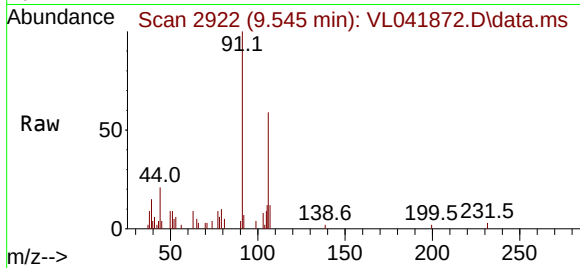




#59
m/p-Xylene
Concen: 0.099 ppbv
RT: 9.545 min Scan# 2926
Delta R.T. -0.013 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

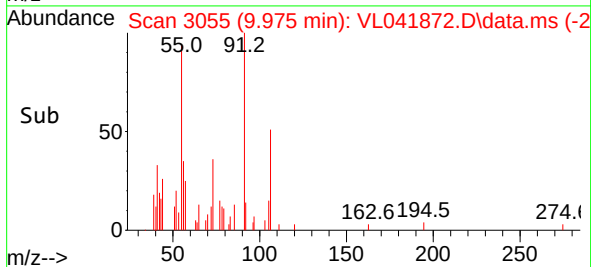
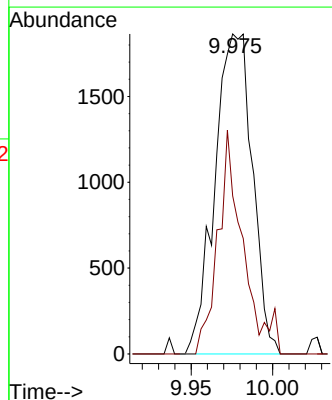
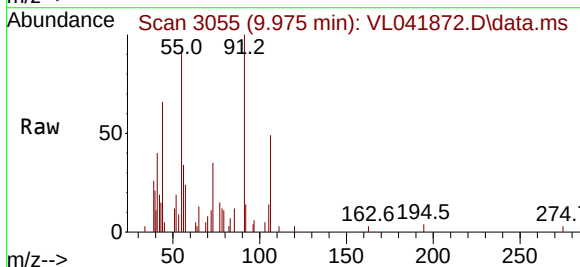
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

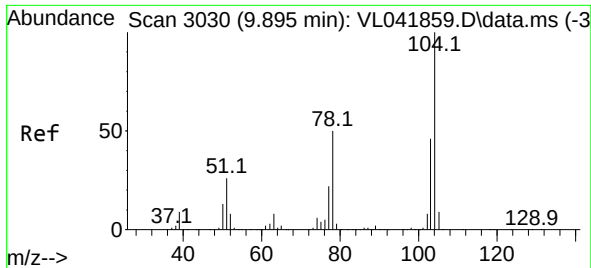
Tgt Ion: 91 Resp: 5167
Ion Ratio Lower Upper
91 100
106 63.4 0.0 0.0#



#60
o-Xylene
Concen: 0.057 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 91 Resp: 2991
Ion Ratio Lower Upper
91 100
106 46.3 21.4 64.3





#61

Styrene

Concen: 0.022 ppbv

RT: 9.885 min Scan# 3030

Delta R.T. -0.010 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

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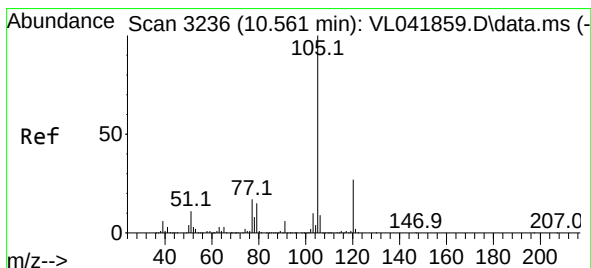
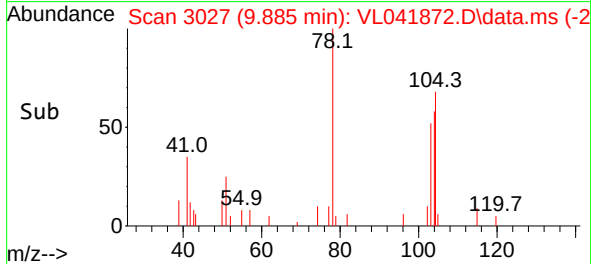
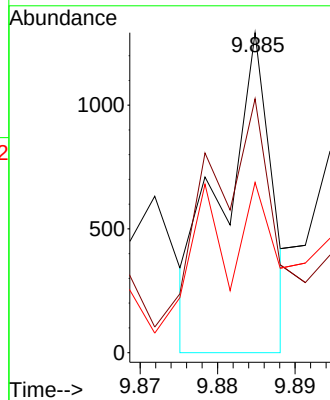
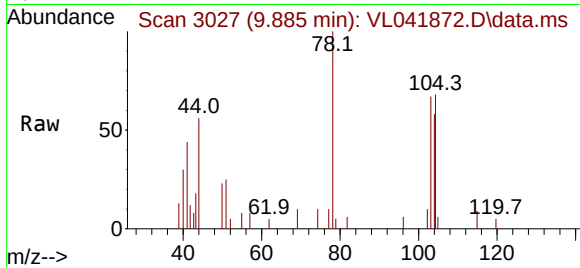
Tgt Ion:104 Resp: 570

Ion Ratio Lower Upper

104 100

78 166.1 40.7 61.1#

103 130.2 37.0 55.6#



#62

Isopropylbenzene

Concen: 0.010 ppbv

RT: 10.552 min Scan# 3233

Delta R.T. -0.010 min

Lab File: VL041872.D

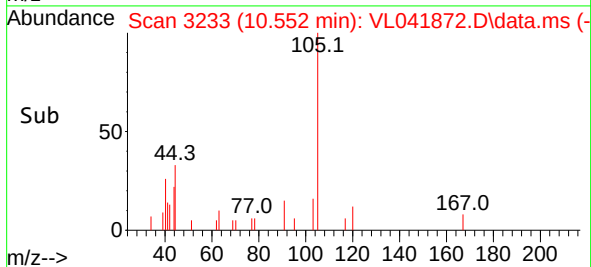
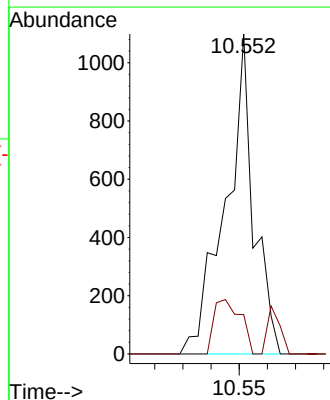
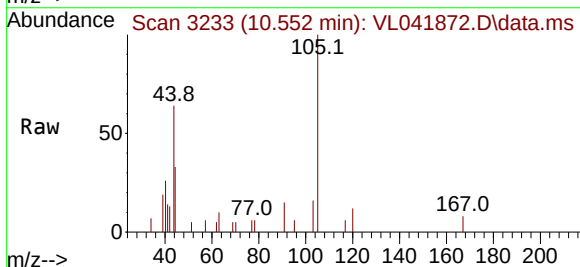
Acq: 09 Jan 2025 18:37

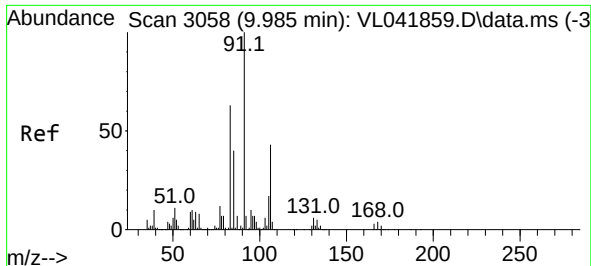
Tgt Ion:105 Resp: 757

Ion Ratio Lower Upper

105 100

120 23.0 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 9.975 min Scan# 3058

Delta R.T. -0.010 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

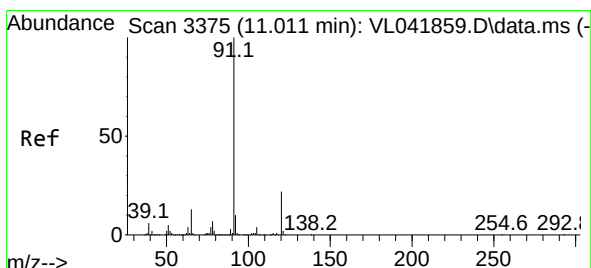
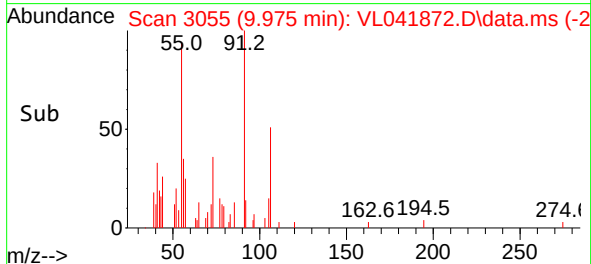
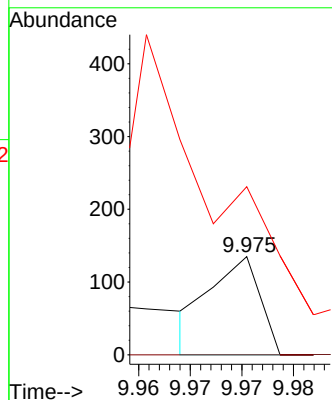
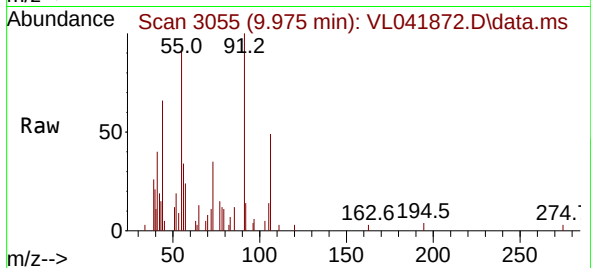
Instrument :

MSVOA_L

ClientSampleId :

INDOOR

Tgt Ion:	83	Resp:	44
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.1	96.3#



#64

n-propylbenzene

Concen: 0.001 ppbv

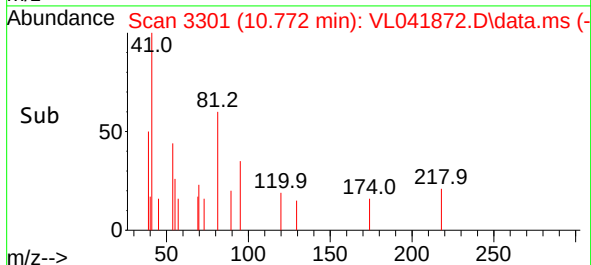
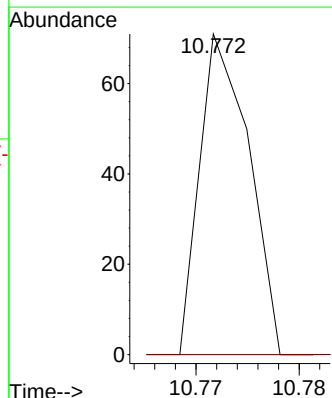
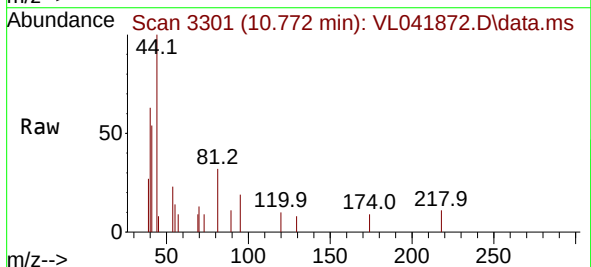
RT: 10.772 min Scan# 3301

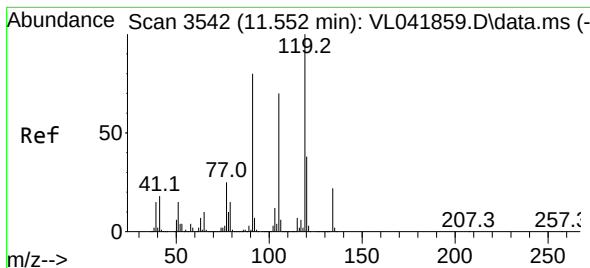
Delta R.T. -0.240 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Tgt Ion:	120	Resp:	24
Ion	Ratio	Lower	Upper
120	100		
91	429.2	376.9	565.3

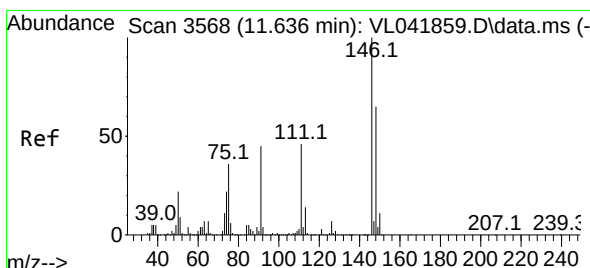
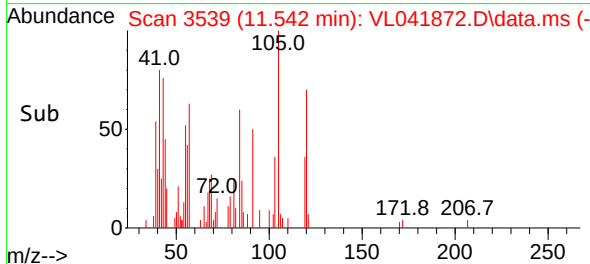
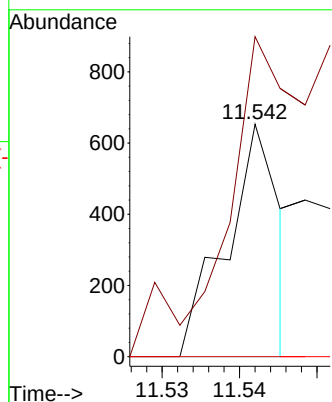
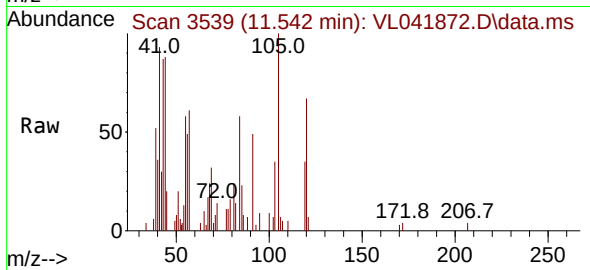




#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 11.542 min Scan# 315
Delta R.T. -0.010 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

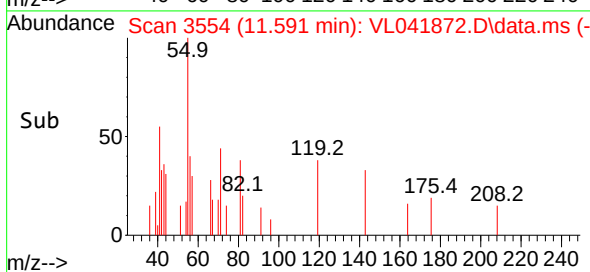
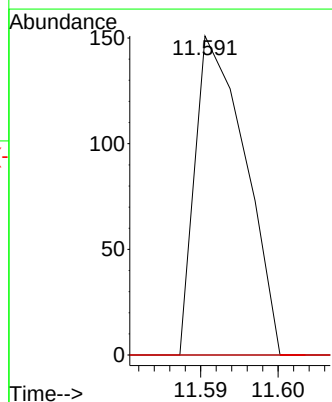
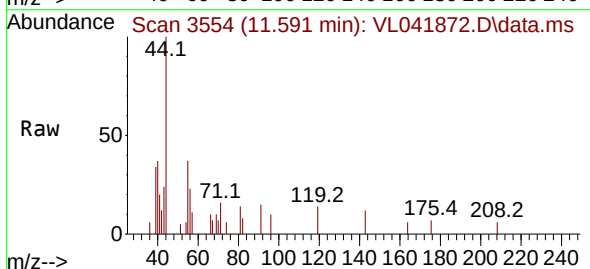
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

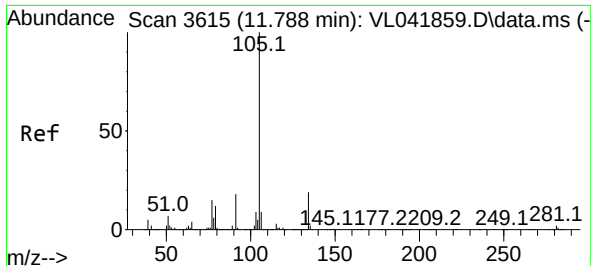
Tgt Ion:119 Resp: 315
Ion Ratio Lower Upper
119 100
91 306.3 64.6 97.0#
134 0.0 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.009 ppbv
RT: 11.591 min Scan# 3554
Delta R.T. -0.045 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion: 91 Resp: 68
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

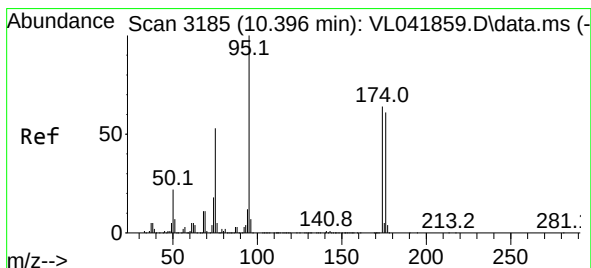
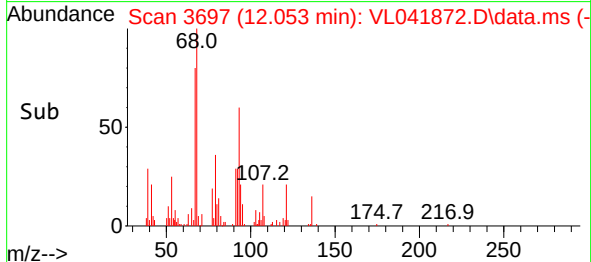
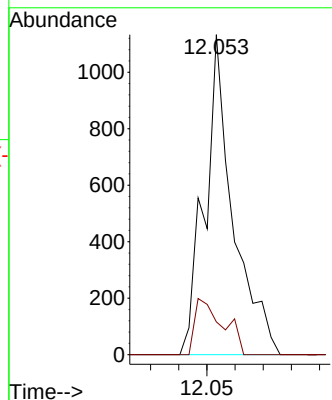
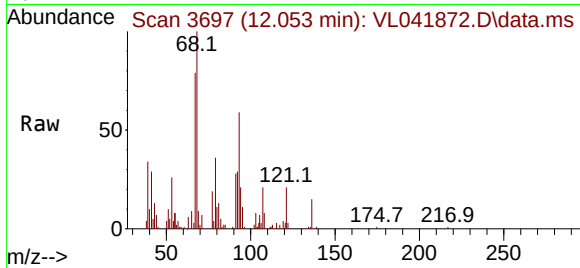




#67
 sec-Butylbenzene
 Concen: 0.008 ppbv
 RT: 12.053 min Scan# 30
 Delta R.T. 0.265 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

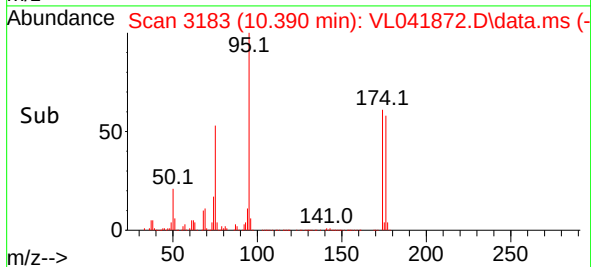
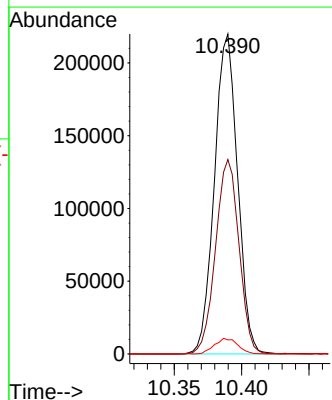
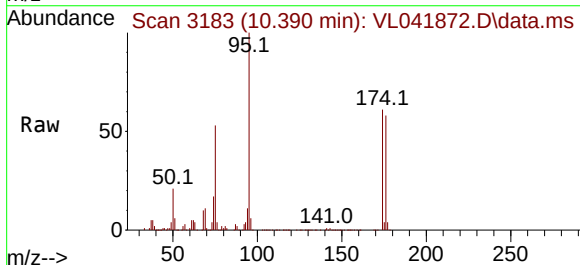
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

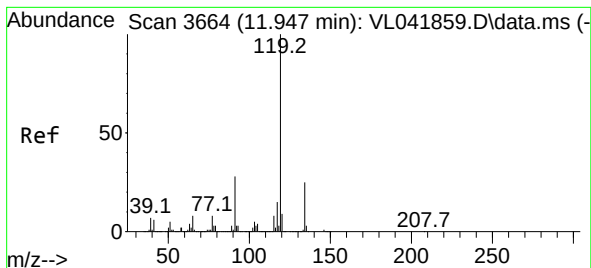
Tgt Ion:105 Resp: 791
 Ion Ratio Lower Upper
 105 100
 134 17.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.165 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion: 95 Resp: 262755
 Ion Ratio Lower Upper
 95 100
 174 61.4 51.1 76.7
 175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.016 ppbv

RT: 11.934 min Scan# 3

Delta R.T. -0.013 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR

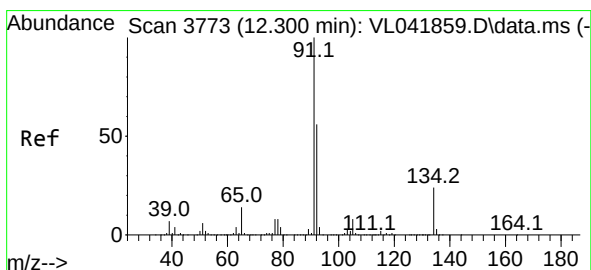
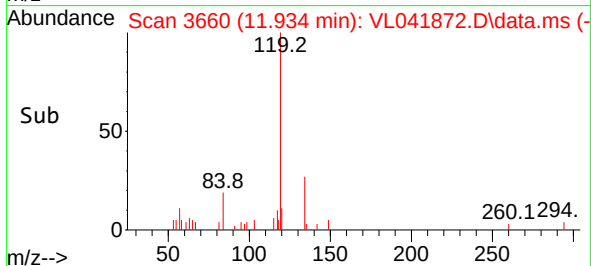
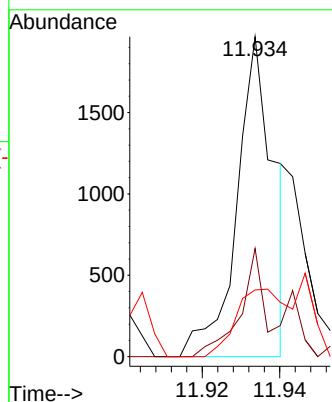
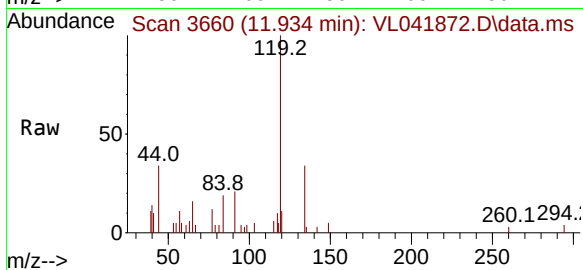
Tgt Ion:119 Resp: 1303

Ion Ratio Lower Upper

119 100

134 35.6 20.3 30.5#

91 40.5 22.6 34.0#



#70

n-Butylbenzene

Concen: 0.004 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.007 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

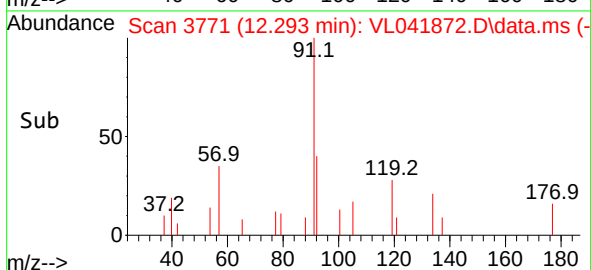
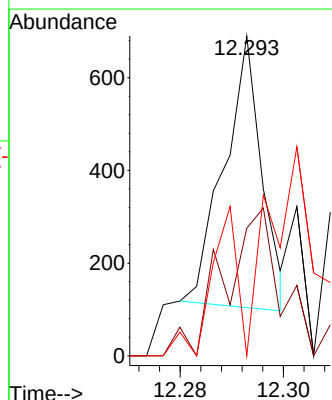
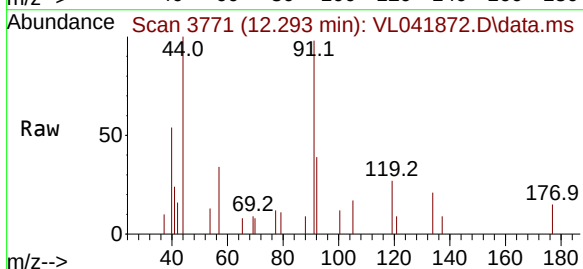
Tgt Ion: 91 Resp: 296

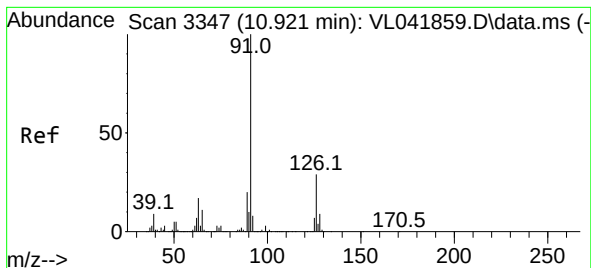
Ion Ratio Lower Upper

91 100

92 88.9 43.8 65.8#

134 0.0 19.3 28.9#

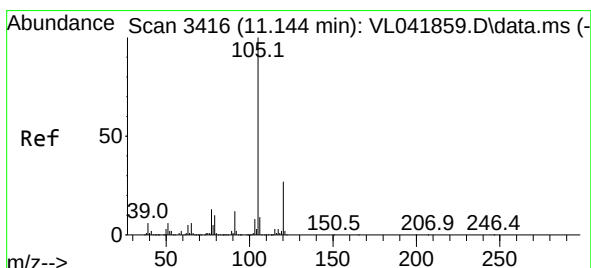
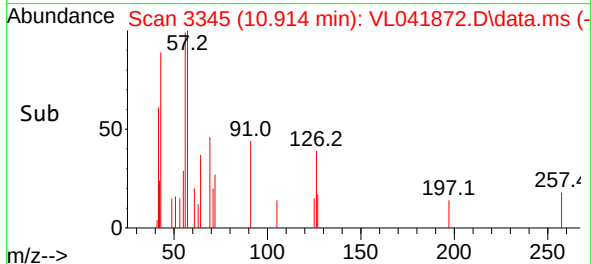
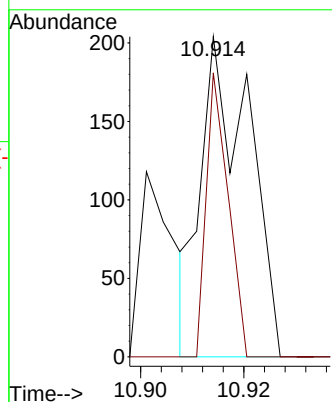
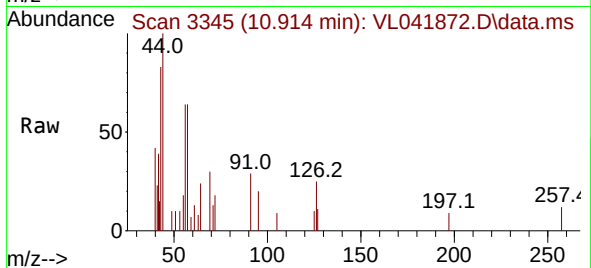




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

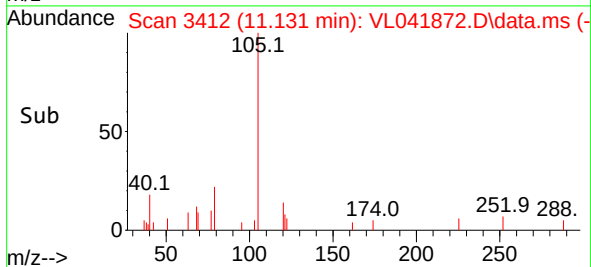
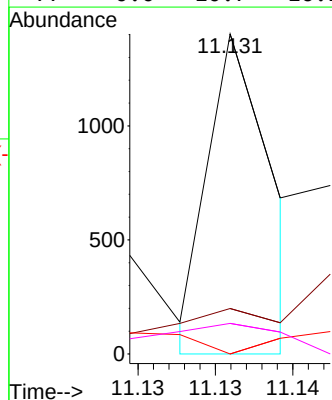
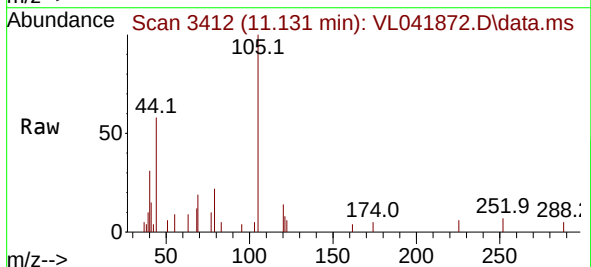
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

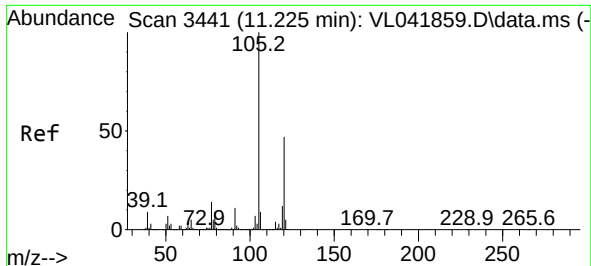
Tgt Ion: 91 Resp: 130
Ion Ratio Lower Upper
91 100
126 40.8 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion:105 Resp: 406
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 0.0 9.8 14.8#
77 0.0 10.7 16.1#

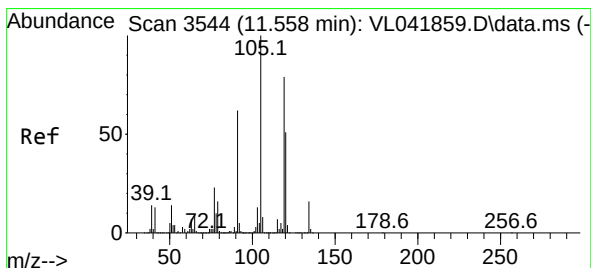
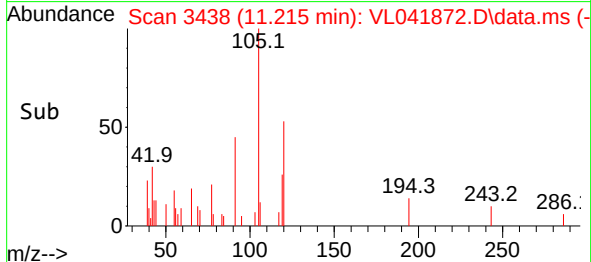
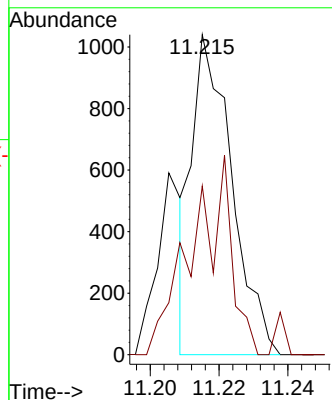
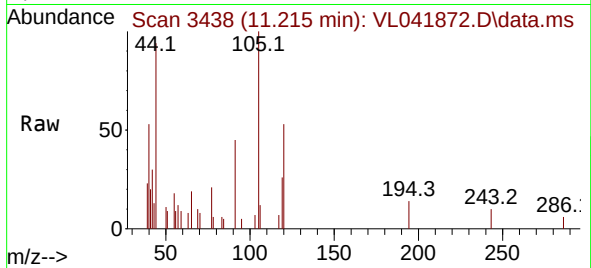




#73
 1,3,5-Trimethylbenzene
 Concen: 0.015 ppbv
 RT: 11.215 min Scan# 3441
 Delta R.T. -0.010 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

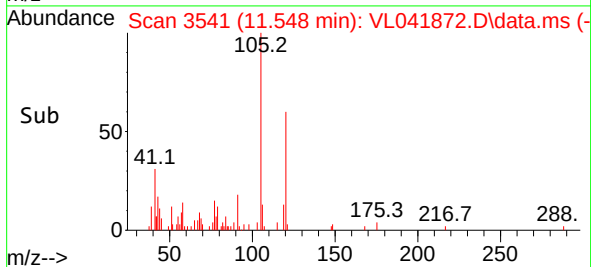
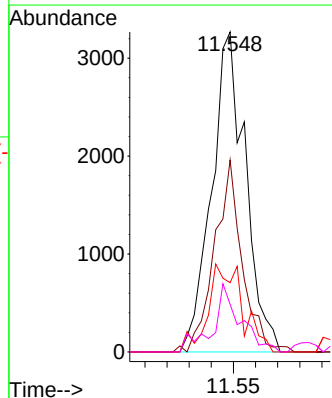
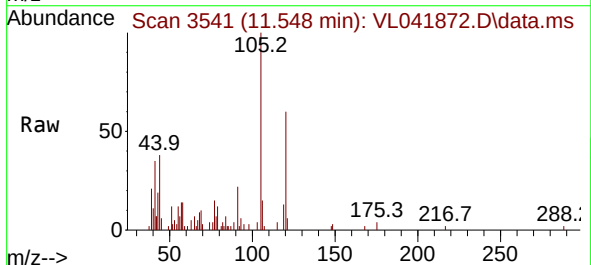
Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR

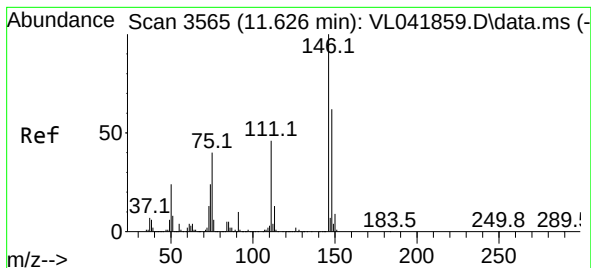
Tgt Ion:105 Resp: 832
 Ion Ratio Lower Upper
 105 100
 120 39.4 37.2 55.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.059 ppbv
 RT: 11.548 min Scan# 3541
 Delta R.T. -0.010 min
 Lab File: VL041872.D
 Acq: 09 Jan 2025 18:37

Tgt Ion:105 Resp: 3461
 Ion Ratio Lower Upper
 105 100
 120 58.3 41.1 61.7
 91 21.6 50.0 75.0#
 77 14.9 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.002 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

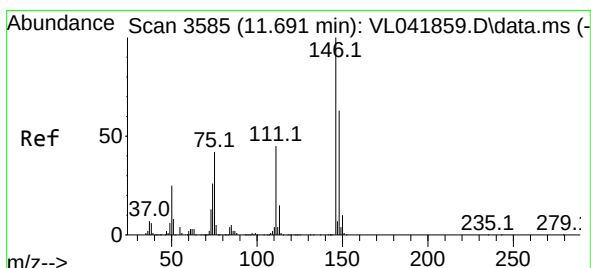
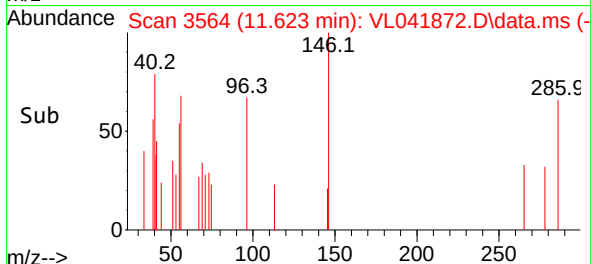
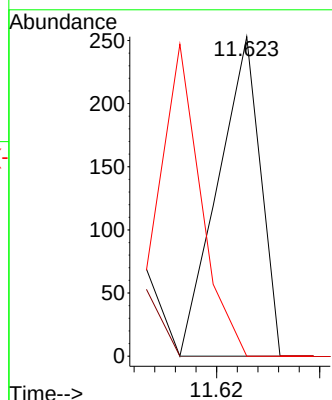
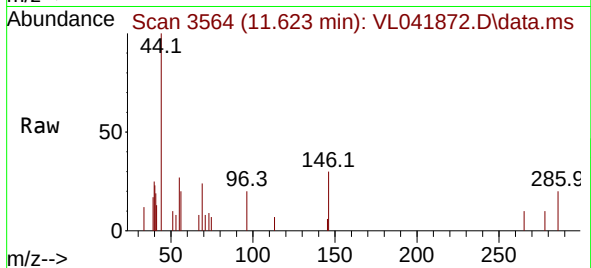
Instrument :

MSVOA_L

ClientSampleId :

INDOOR

Tgt Ion:146	Resp:	72
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.2 69.5#
148	100.0	31.6 94.7#



#76

1,4-Dichlorobenzene

Concen: 0.010 ppbv

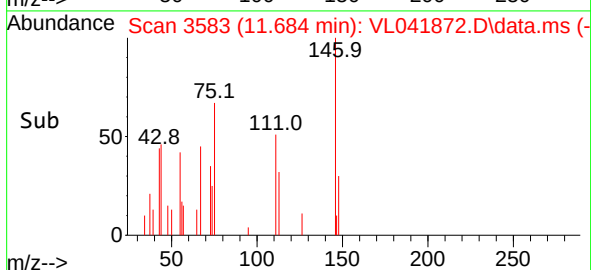
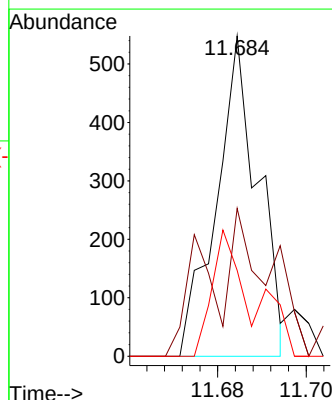
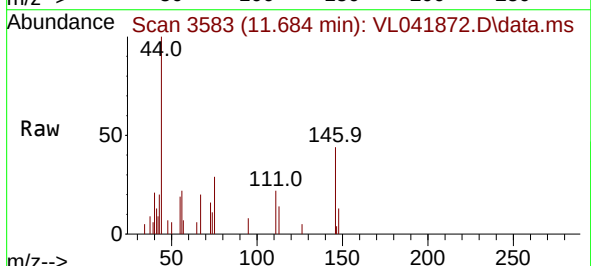
RT: 11.684 min Scan# 3583

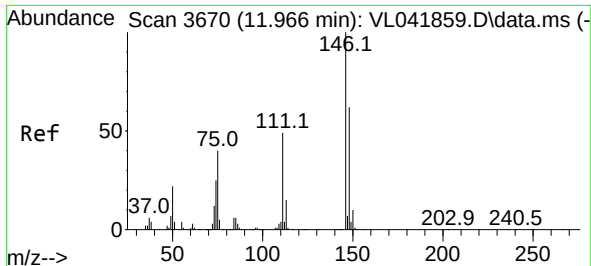
Delta R.T. -0.007 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Tgt Ion:146	Resp:	357
Ion Ratio	Lower	Upper
146	100	
111	73.1	22.1 66.1#
148	38.4	31.2 93.6

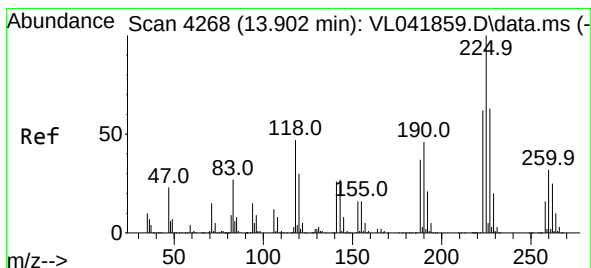
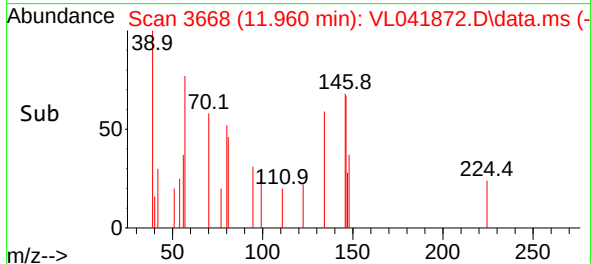
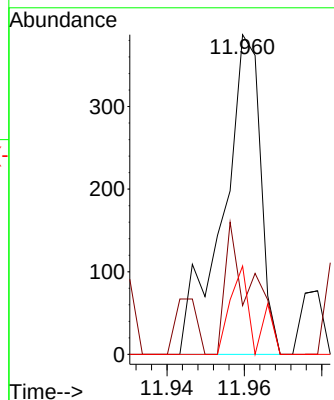
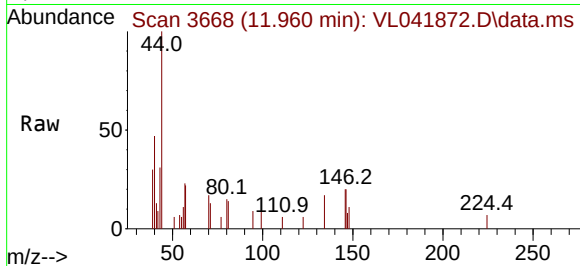




#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 11.960 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

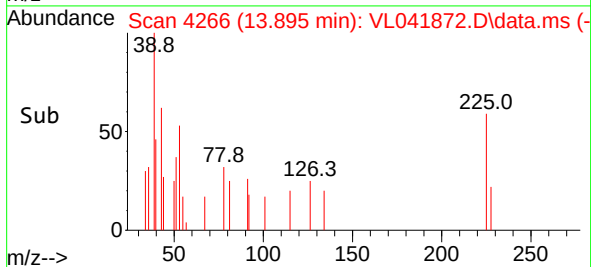
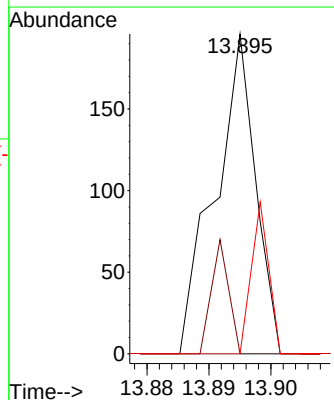
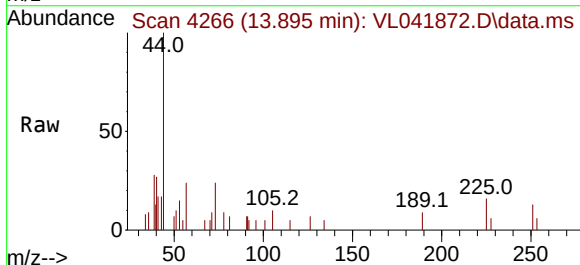
Instrument :
MSVOA_L
ClientSampleId :
INDOOR

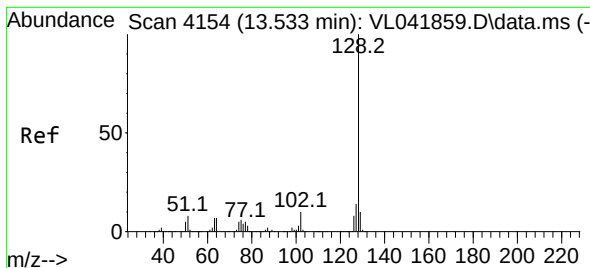
Tgt Ion:146 Resp: 260
Ion Ratio Lower Upper
146 100
111 28.5 24.1 72.3
148 17.3 31.5 94.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.003 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.007 min
Lab File: VL041872.D
Acq: 09 Jan 2025 18:37

Tgt Ion:225 Resp: 89
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 0.034 ppbv

RT: 13.526 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR

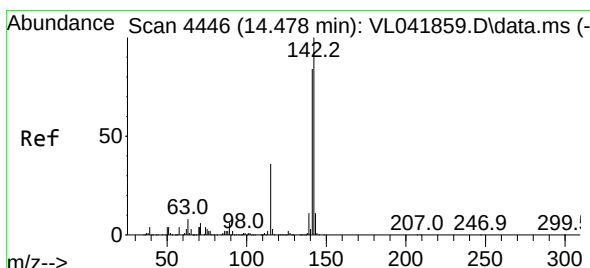
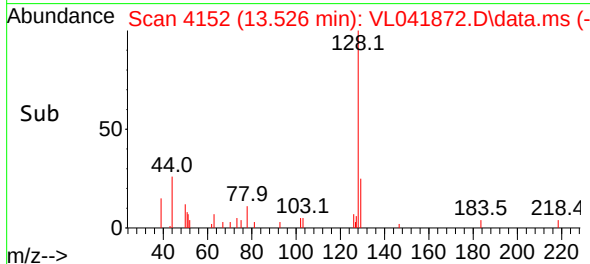
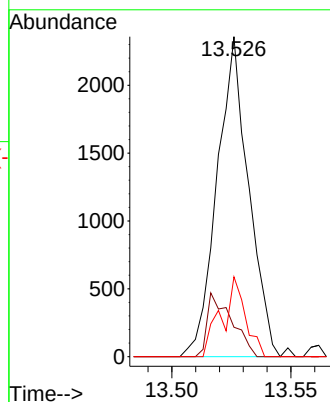
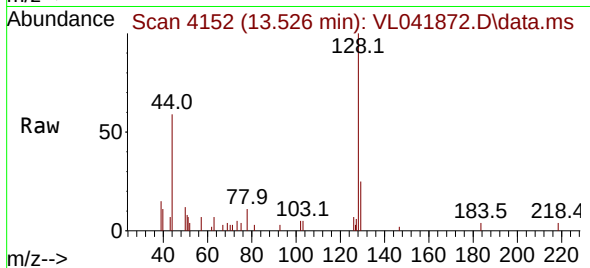
Tgt Ion:128 Resp: 2170

Ion Ratio Lower Upper

128 100

127 9.2 10.8 16.2#

129 24.9 8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.032 ppbv

RT: 14.474 min Scan# 4445

Delta R.T. -0.003 min

Lab File: VL041872.D

Acq: 09 Jan 2025 18:37

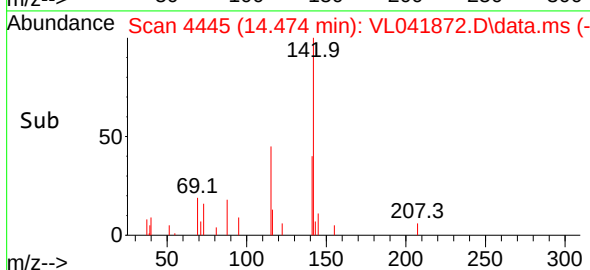
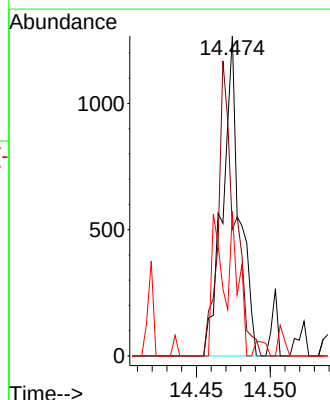
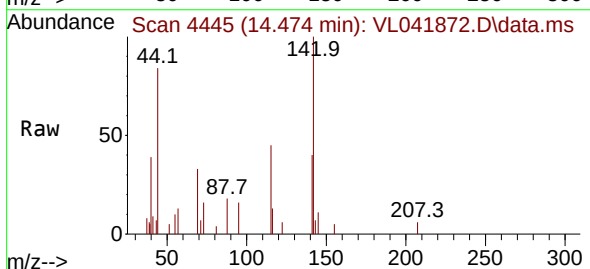
Tgt Ion:142 Resp: 1095

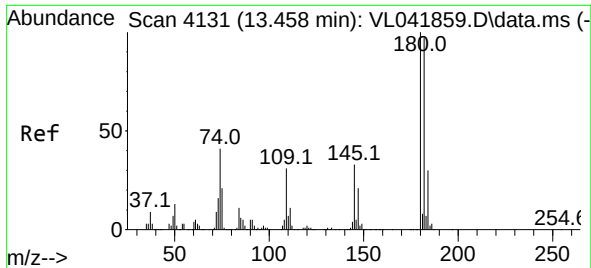
Ion Ratio Lower Upper

142 100

141 82.4 68.2 102.4

115 49.5 29.4 44.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.022 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041872.D

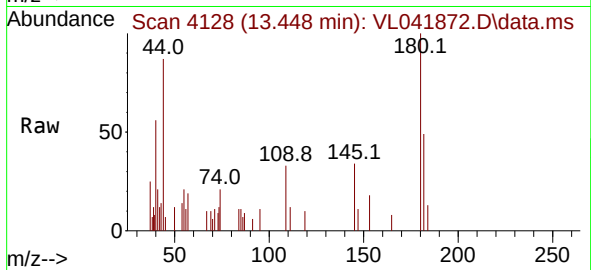
Acq: 09 Jan 2025 18:37

Instrument :

MSVOA_L

ClientSampleId :

INDOOR



Tgt Ion:	180	Resp:	664
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.8
184	28.2	24.1	36.1

