

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041874.D
 Acq On : 09 Jan 2025 19:43
 Operator : SY/MD
 Sample : Q1037-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

Quant Time: Jan 10 01:46:45 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	120904	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	358423	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	318762	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	256988	10.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	9059	0.456	ppbv #	81
3) Chlorodifluoromethane	1.480	51	8248	0.378	ppbv	96
4) Chloromethane	1.538	50	3678	0.477	ppbv #	88
5) Vinyl Chloride	1.580	62	100	0.012	ppbv #	45
6) Bromomethane	1.671	94	79	0.020	ppbv #	74
7) Chloroethane	1.706	64	24	0.008	ppbv #	46
8) Dichlorotetrafluoroethane	1.560	85	384	0.022	ppbv #	79
9) Propene	1.441	41	501	0.049	ppbv	92
10) Heptane	5.011	43	217	0.008	ppbv #	27
11) Trichlorofluoromethane	1.884	101	5040	0.247	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.150	101	1387	0.084	ppbv #	80
13) Ethanol	1.729	45	43747	67.706	ppbv	85
14) Bromoethene	1.810	108	32	0.005	ppbv #	1
15) Acetone	1.842	43	37181	1.823	ppbv	95
16) 1,3-Butadiene	1.606	39	608	0.069	ppbv #	32
17) tert-Butyl alcohol	2.046	59	317	0.014	ppbv #	1
18) 1,1-Dichloroethene	2.056	96	61	0.008	ppbv #	1
19) Isopropyl Alcohol	1.729	45	43747	4.082	ppbv #	42
20) Methylene Chloride	2.069	84	8101	1.165	ppbv #	92
21) Allyl Chloride	2.111	41	421	0.032	ppbv #	21
22) trans-1,2-Dichloroethene	2.344	96	32	0.004	ppbv #	52
23) Vinyl Acetate	2.486	43	3861	0.374	ppbv #	39
24) 1,1-Dichloroethane	2.418	63	110	0.007	ppbv #	88
25) Ethyl Acetate	2.862	43	298	0.006	ppbv #	1
26) Hexane	2.842	57	6013	0.288	ppbv #	40
27) Carbon Disulfide	2.162	76	65	0.003	ppbv #	65
28) Methyl tert-Butyl Ether	2.444	73	29	0.002	ppbv #	1
29) Chloroform	2.865	83	1963	0.067	ppbv #	69
30) Cyclohexane	3.881	84	190	0.011	ppbv #	1
31) cis-1,2-Dichloroethene	2.849	61	142	0.007	ppbv #	24
32) 1,1,1-Trichloroethane	3.548	97	24	0.001	ppbv #	53
34) 2-Butanone	2.574	43	3248	0.109	ppbv	96
35) Carbon Tetrachloride	3.784	117	1225	0.044	ppbv #	76
36) Benzene	3.671	78	5509	0.132	ppbv #	86
37) 1,2-Dichloroethane	3.234	62	416	0.019	ppbv	97
39) 1,2-Dichloropropane	3.978	63	89414	6.045	ppbv #	24
40) 1,4-Dioxane	4.571	88	25	0.003	ppbv #	17
41) Tetrahydrofuran	3.062	42	53	0.003	ppbv #	37
42) Bromodichloromethane	4.464	83	25	0.001	ppbv #	26
43) Methyl Methacrylate	4.904	69	36	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.668	57	491	0.007	ppbv #	43
45) t-1,3-Dichloropropene	6.351	75	26	0.001	ppbv #	1
46) cis-1,3-Dichloropropene	5.694	75	22	0.001	ppbv #	27

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

Instrument :
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 AMBIENT AIR

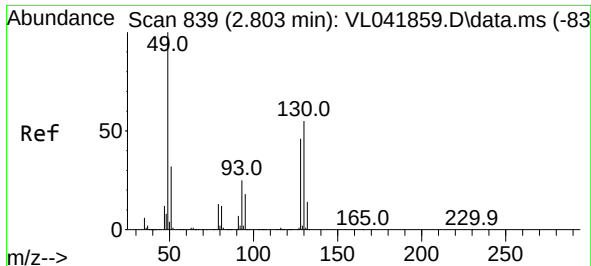
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.584	97	51	0.003	ppbv #	15
48) Dibromochloromethane	7.338	129	24	0.001	ppbv #	10
49) Bromoform	9.662	173	42	0.002	ppbv #	18
50) 4-Methyl-2-Pentanone	5.800	43	109	0.003	ppbv #	38
51) 2-Hexanone	7.454	43	76	0.002	ppbv #	28
52) Tetrachloroethene	8.458	164	32	0.002	ppbv #	1
53) Toluene	6.959	91	1322	0.027	ppbv #	1
54) 1,2-Dibromoethane	7.658	107	45	0.002	ppbv #	3
56) 1,1,1,2-Tetrachloroethane	8.959	131	32	0.002	ppbv #	1
57) Chlorobenzene	8.885	112	28	0.001	ppbv #	79
58) Ethyl Benzene	9.374	91	833	0.013	ppbv	96
59) m/p-Xylene	9.545	91	1191	0.023	ppbv #	100
60) o-Xylene	9.982	91	606	0.012	ppbv #	33
61) Styrene	9.892	104	161	0.006	ppbv #	70
62) Isopropylbenzene	10.558	105	155	0.002	ppbv #	71
63) 1,1,2,2-Tetrachloroethane	9.953	83	33	0.001	ppbv #	1
64) n-propylbenzene	11.015	120	37	0.002	ppbv #	1
65) tert-Butylbenzene	11.549	119	162	0.002	ppbv #	10
66) Benzyl Chloride	11.555	91	100	0.014	ppbv #	52
67) sec-Butylbenzene	11.779	105	97	0.001	ppbv #	57
69) p-Isopropyltoluene	11.931	119	78	0.001	ppbv #	3
70) n-Butylbenzene	12.290	91	85	0.001	ppbv #	1
71) 2-Chlorotoluene	10.921	91	42	0.001	ppbv #	46
72) 4-Ethyltoluene	11.134	105	180	0.003	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.222	105	301	0.006	ppbv #	60
74) 1,2,4-Trimethylbenzene	11.549	105	1544	0.026	ppbv #	61
75) 1,3-Dichlorobenzene	11.675	146	83	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	11.675	146	83	0.002	ppbv #	24
77) 1,2-Dichlorobenzene	11.688	146	26	0.001	ppbv #	1
78) Hexachloro-1,3-Butadiene	14.225	225	34	0.001	ppbv #	58
79) Naphthalene	13.526	128	767	0.012	ppbv #	82
80) Naphthalene,2-methyl-	14.484	142	202	0.006	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.442	180	62	0.002	ppbv #	12

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

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

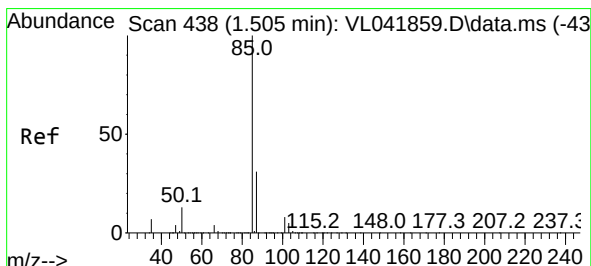
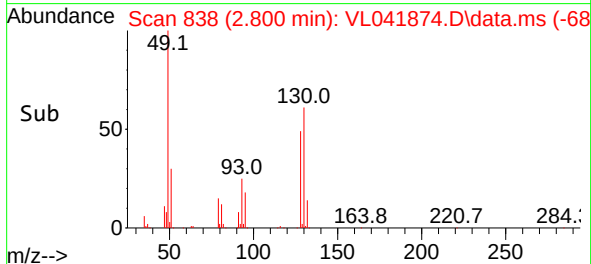
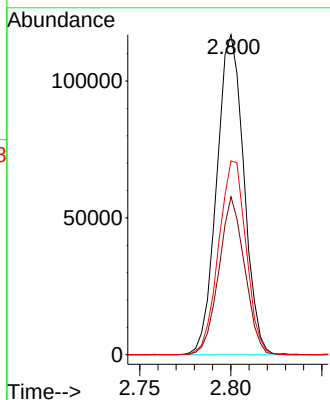
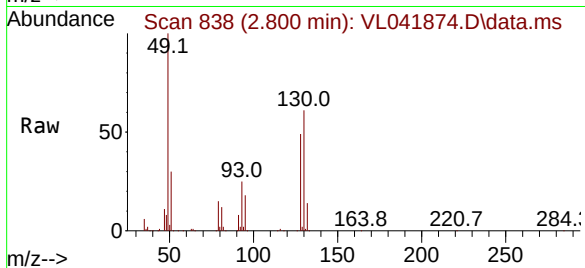




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

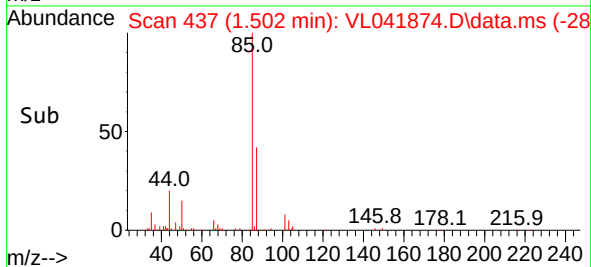
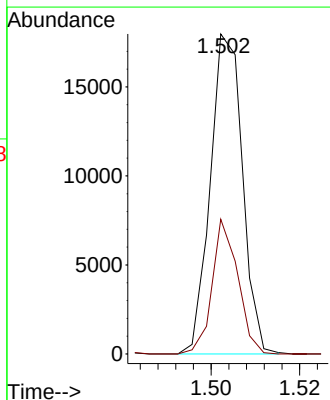
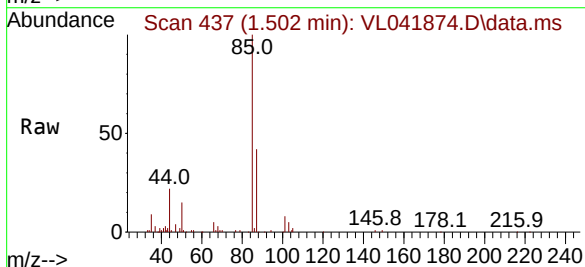
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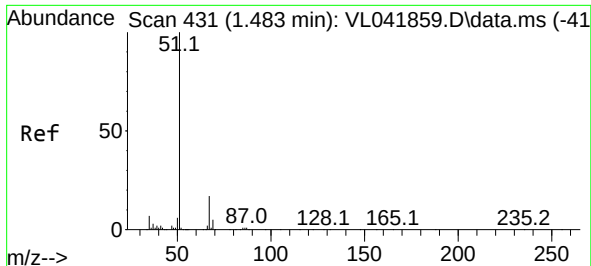
Tgt Ion: 49 Resp: 120904
 Ion Ratio Lower Upper
 49 100
 128 46.8 23.2 69.5
 130 61.4 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.456 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 85 Resp: 9059
 Ion Ratio Lower Upper
 85 100
 87 42.1 25.2 37.8#

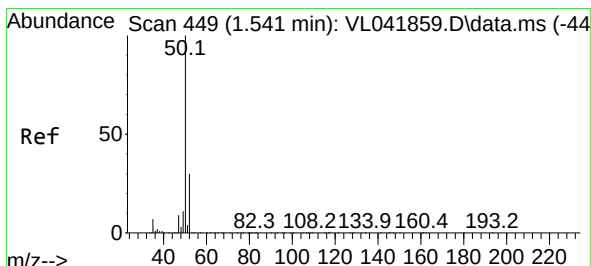
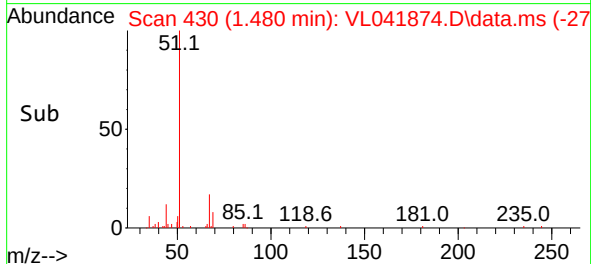
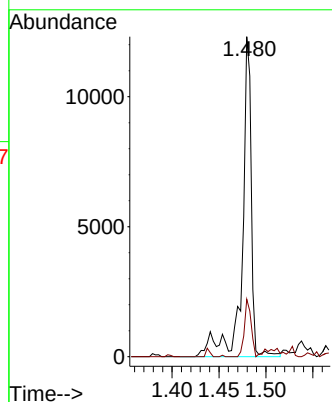
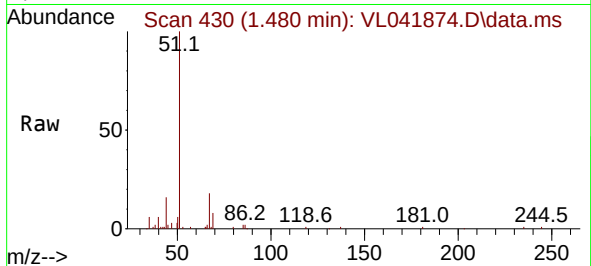




#3
Chlorodifluoromethane
Concen: 0.378 ppbv
RT: 1.480 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

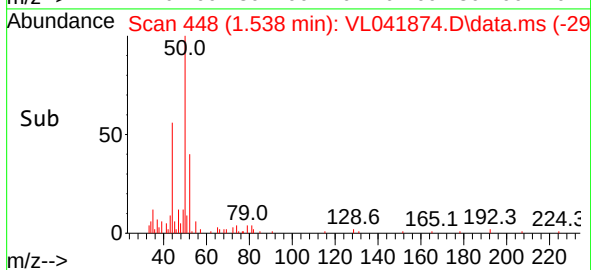
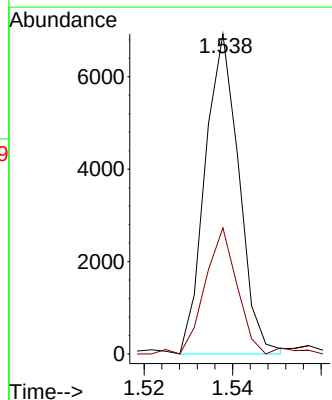
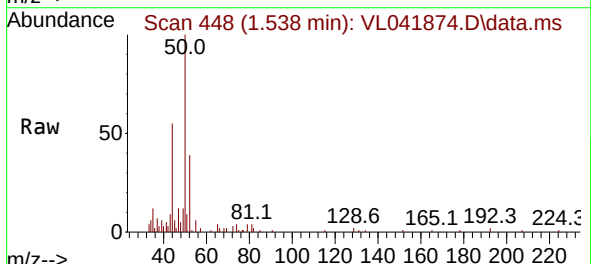
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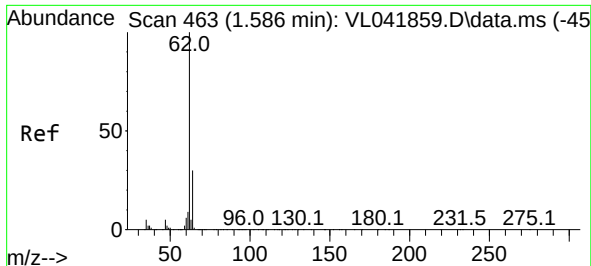
Tgt Ion: 51 Resp: 8248
Ion Ratio Lower Upper
51 100
67 19.3 13.8 20.8



#4
Chloromethane
Concen: 0.477 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 50 Resp: 3678
Ion Ratio Lower Upper
50 100
52 36.3 23.9 35.9#

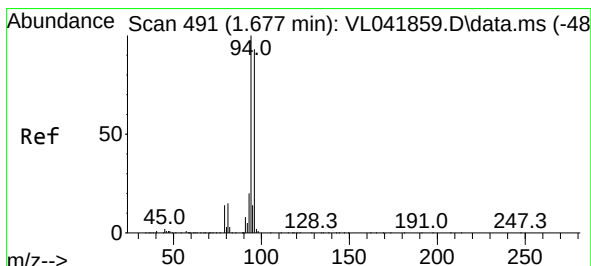
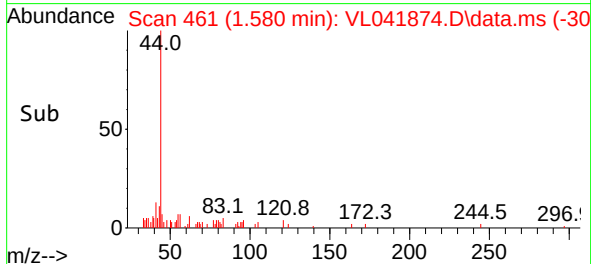
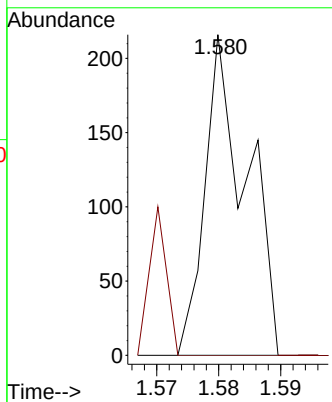
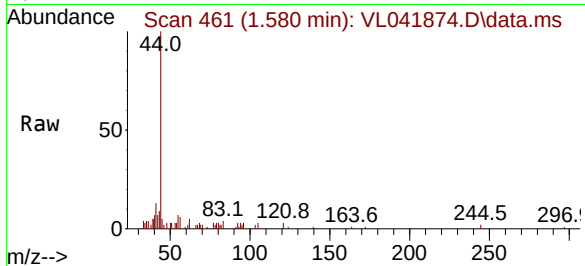




#5
 Vinyl Chloride
 Concen: 0.012 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

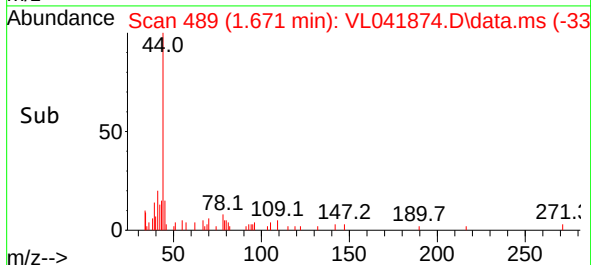
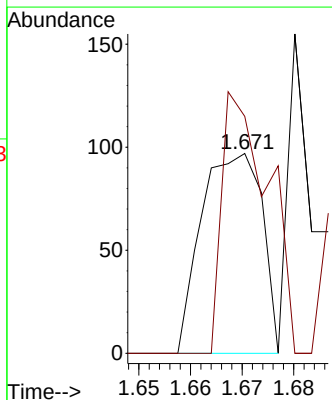
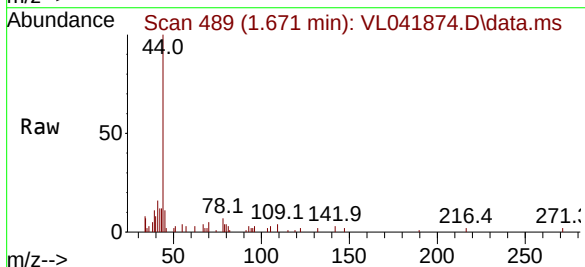
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 ClientSampleId :
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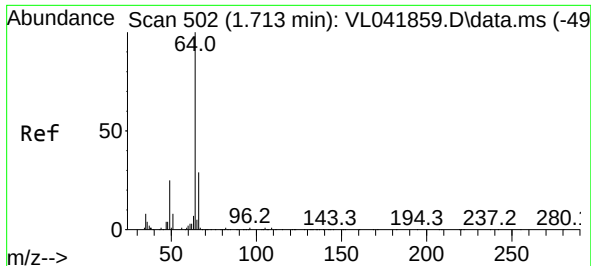
Tgt Ion: 62 Resp: 100
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.020 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. -0.006 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 94 Resp: 79
 Ion Ratio Lower Upper
 94 100
 96 118.6 74.8 112.2#

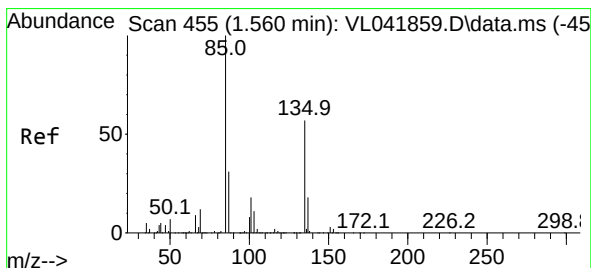
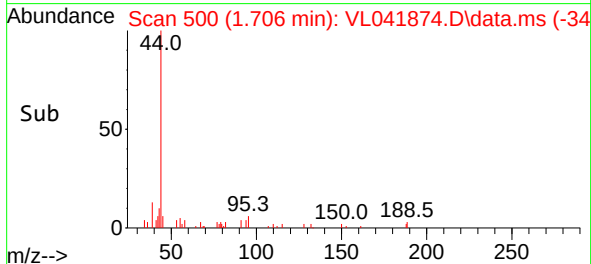
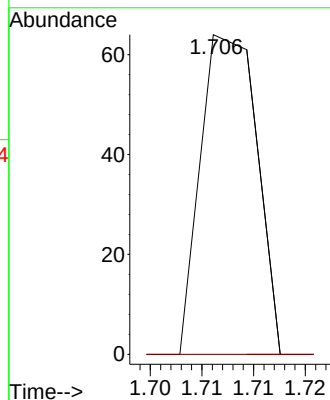
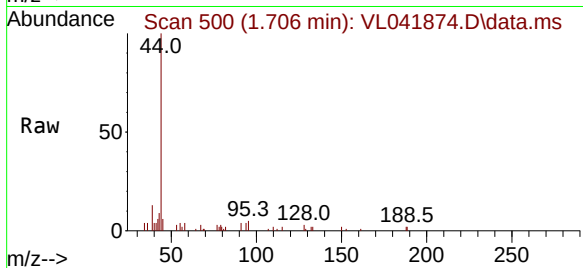




#7
Chloroethane
Concen: 0.008 ppbv
RT: 1.706 min Scan# 50
Delta R.T. -0.006 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

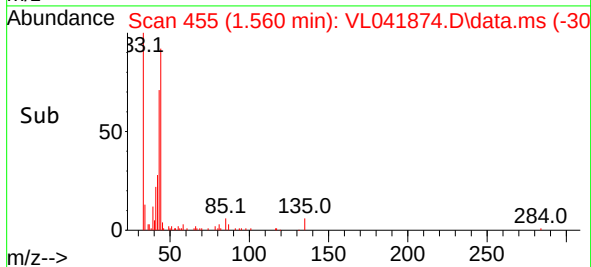
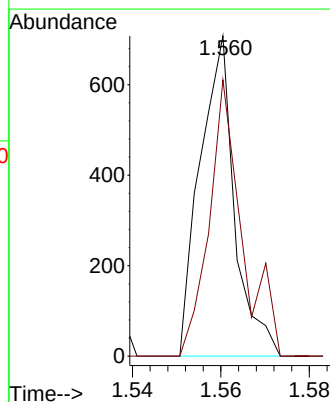
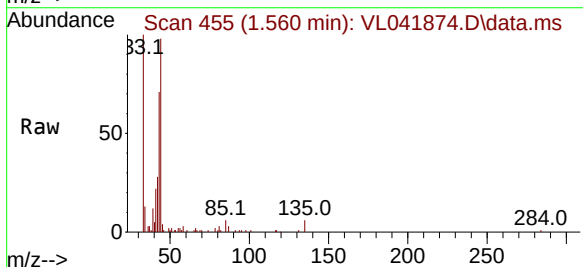
Instrument :
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ClientSampleId :
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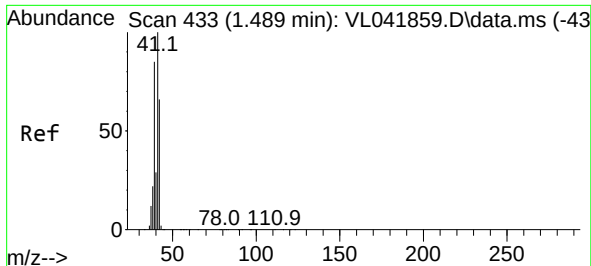
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.022 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 85 Resp: 384
Ion Ratio Lower Upper
85 100
135 82.0 52.2 78.4#

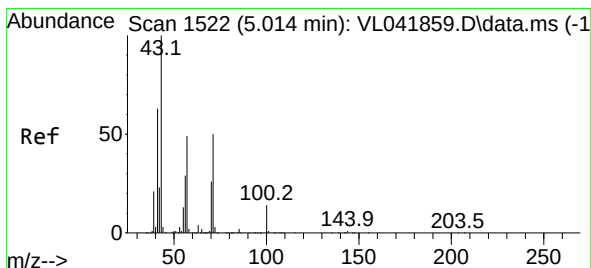
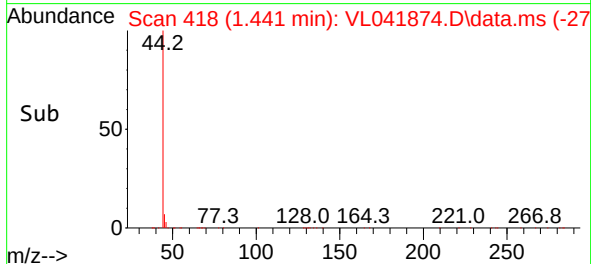
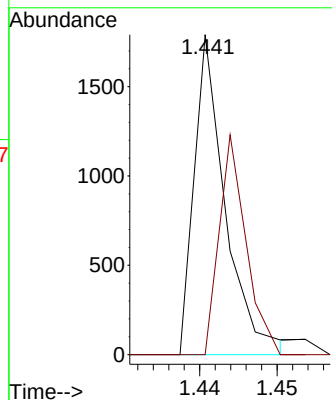
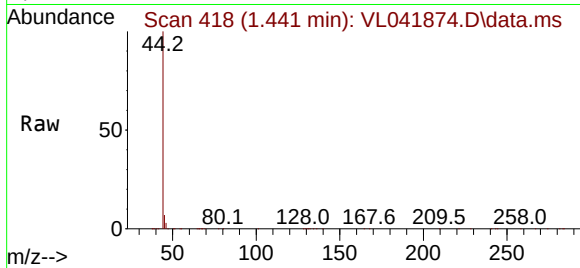




#9
 Propene
 Concen: 0.049 ppbv
 RT: 1.441 min Scan# 41
 Delta R.T. -0.048 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

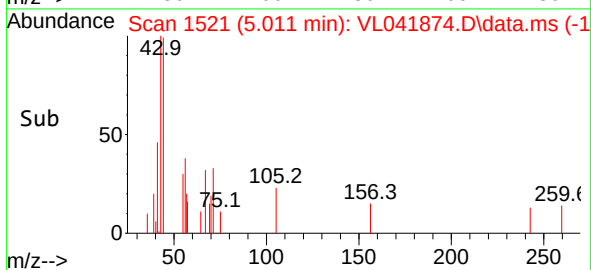
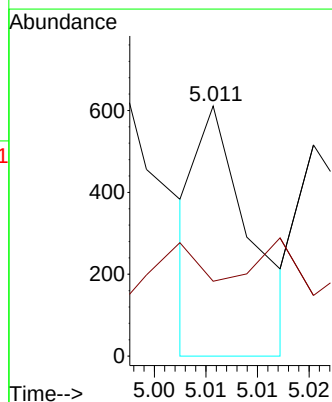
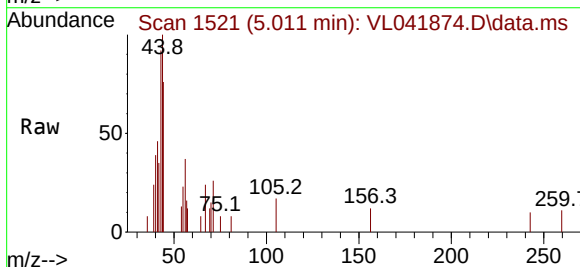
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 AMBIENT AIR

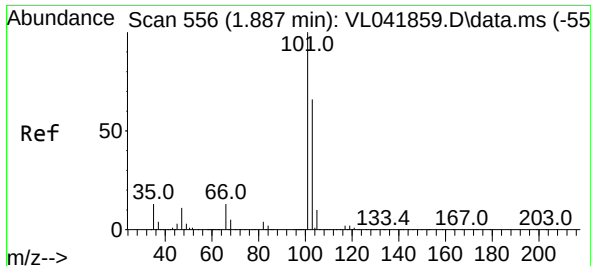
Tgt Ion: 41 Resp: 501
 Ion Ratio Lower Upper
 41 100
 42 73.1 53.0 79.6



#10
 Heptane
 Concen: 0.008 ppbv
 RT: 5.011 min Scan# 1521
 Delta R.T. -0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 43 Resp: 217
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.2 60.2#

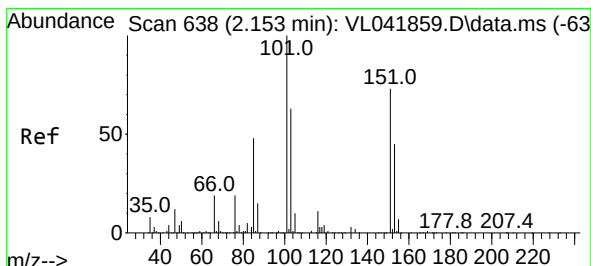
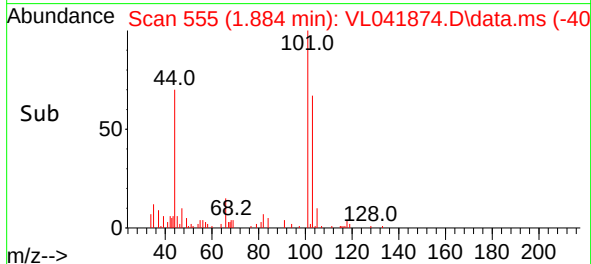
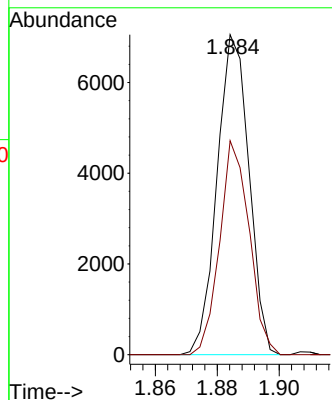
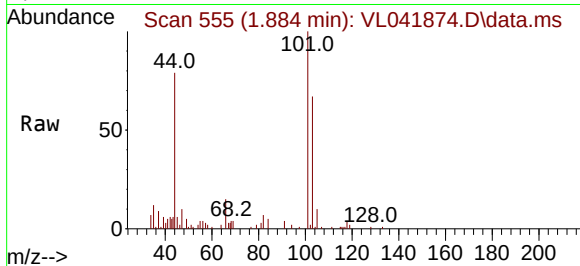




#11
 Trichlorofluoromethane
 Concen: 0.247 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

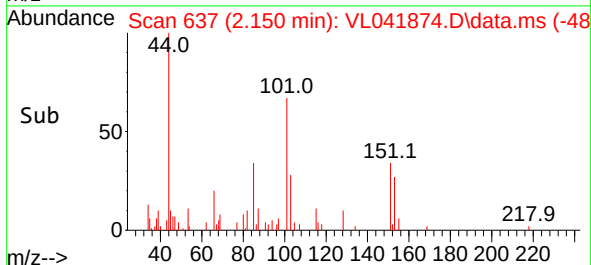
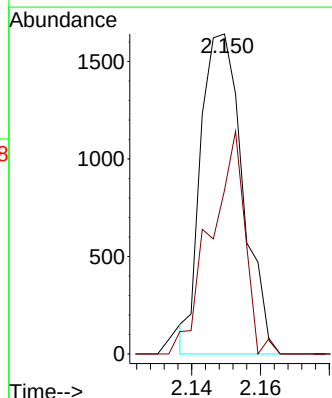
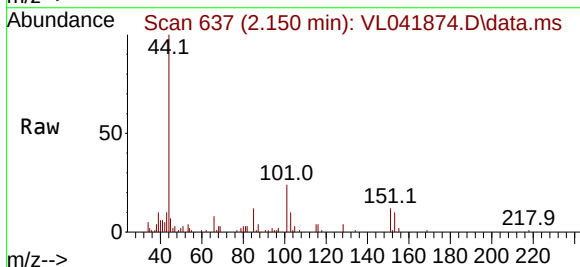
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 ClientSampleId :
 AMBIENT AIR

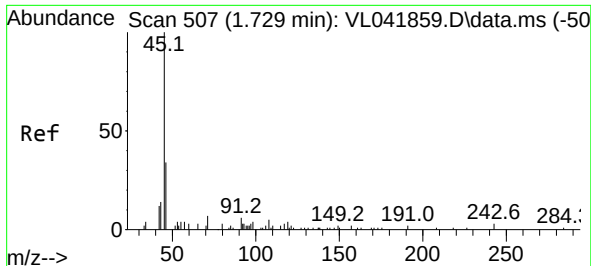
Tgt Ion:101 Resp: 5040
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.084 ppbv
 RT: 2.150 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion:101 Resp: 1387
 Ion Ratio Lower Upper
 101 100
 151 57.1 59.4 89.0#

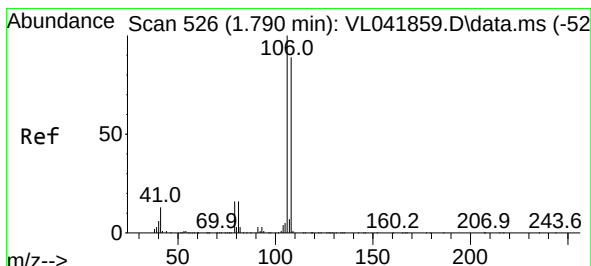
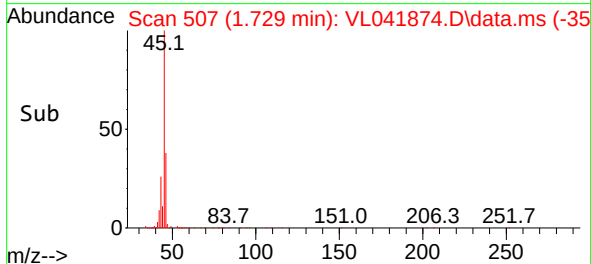
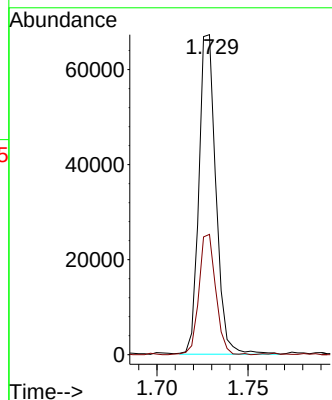
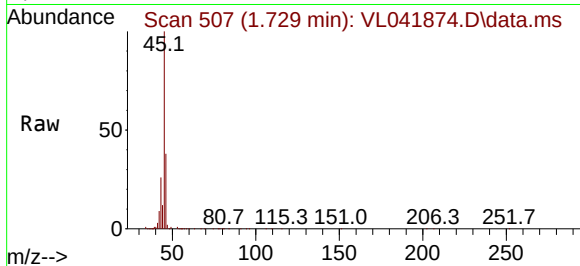




#13
Ethanol
Concen: 67.706 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

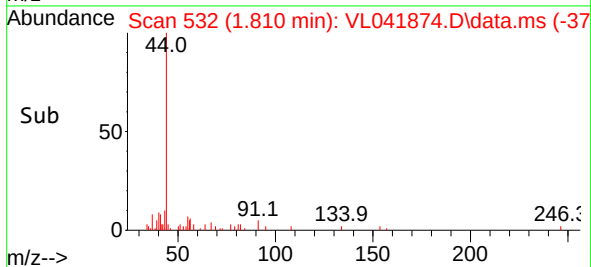
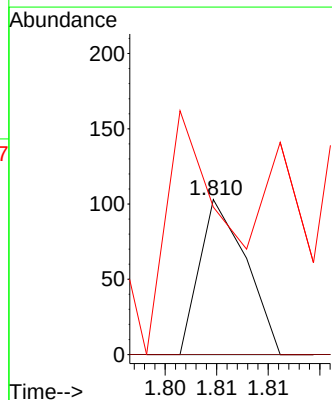
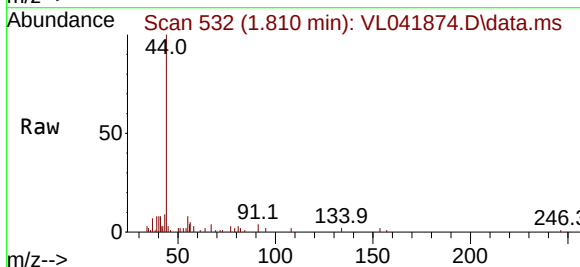
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

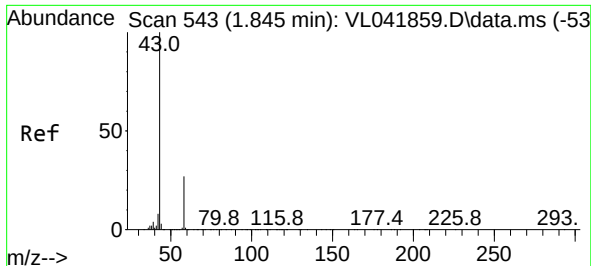
Tgt Ion: 45 Resp: 43747
Ion Ratio Lower Upper
45 100
46 37.5 19.0 76.0



#14
Bromoethene
Concen: 0.005 ppbv
RT: 1.810 min Scan# 532
Delta R.T. 0.019 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 108 Resp: 32
Ion Ratio Lower Upper
108 100
106 137.5 86.9 130.3#
79 875.0 15.6 23.4#

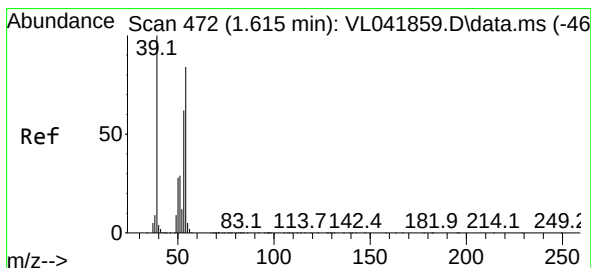
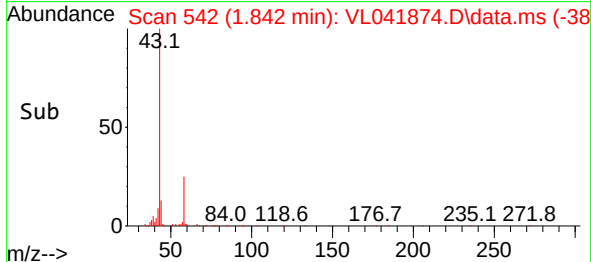
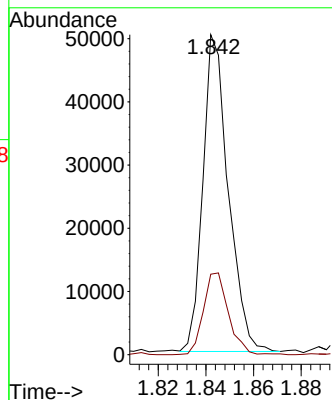
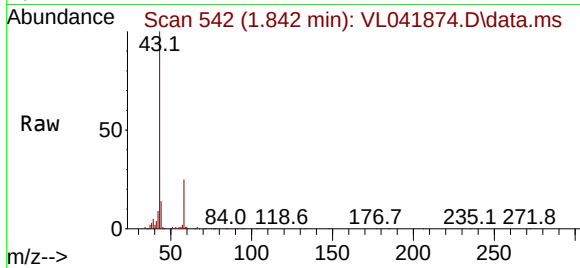




#15
Acetone
Concen: 1.823 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

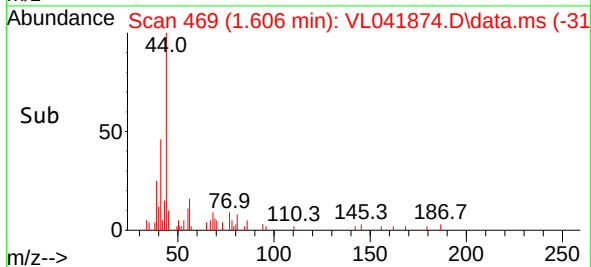
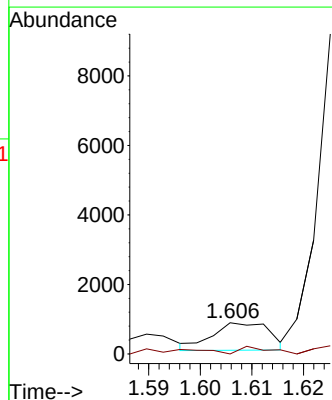
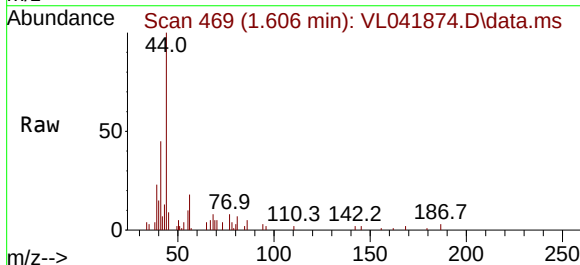
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

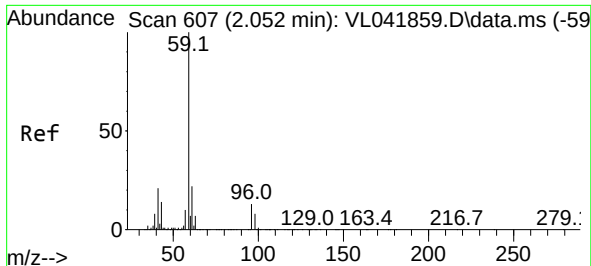
Tgt Ion: 43 Resp: 37181
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1



#16
1,3-Butadiene
Concen: 0.069 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.010 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 39 Resp: 608
Ion Ratio Lower Upper
39 100
54 17.4 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.014 ppbv

RT: 2.046 min Scan# 607

Delta R.T. -0.006 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

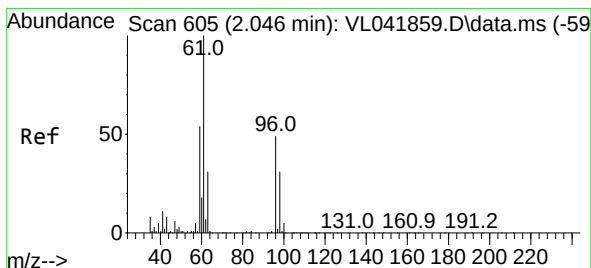
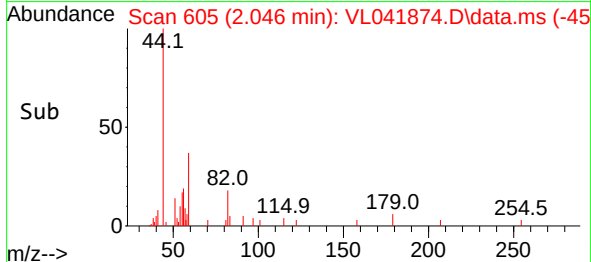
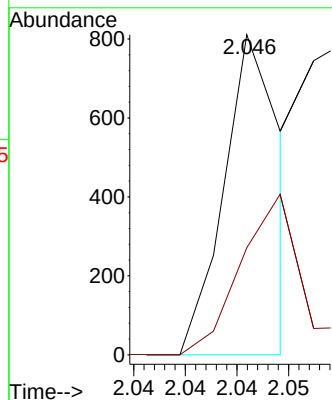
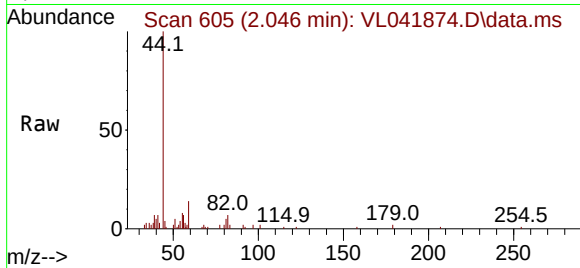
AMBIENT AIR

Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 110.7 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.008 ppbv

RT: 2.056 min Scan# 608

Delta R.T. 0.010 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

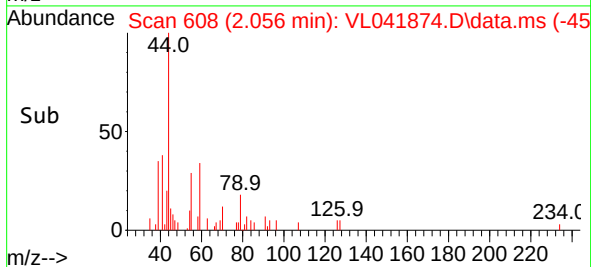
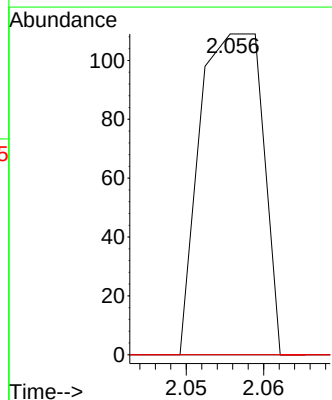
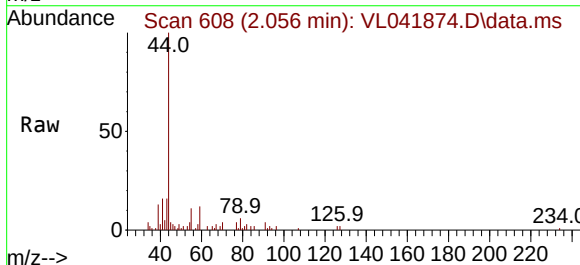
Tgt Ion: 96 Resp: 61

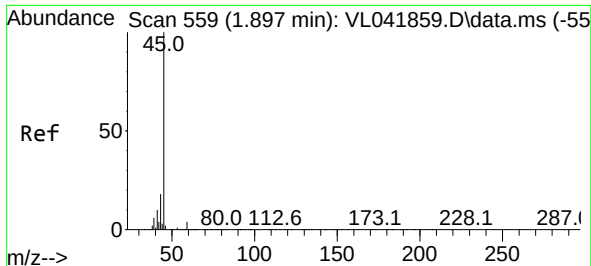
Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

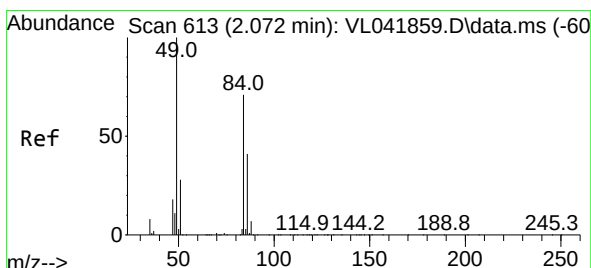
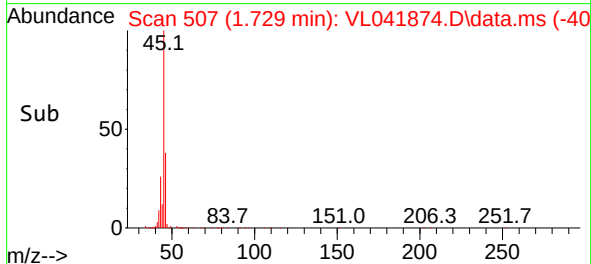
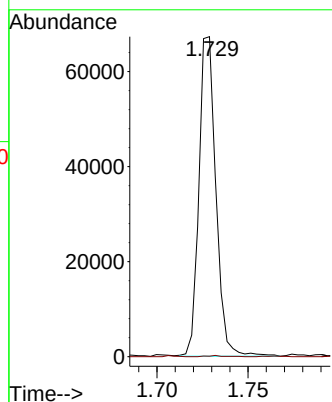
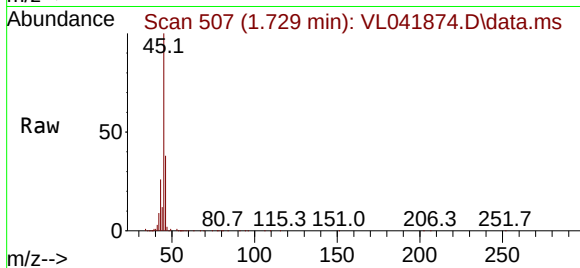




#19
Isopropyl Alcohol
Concen: 4.082 ppbv
RT: 1.729 min Scan# 50
Delta R.T. -0.168 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

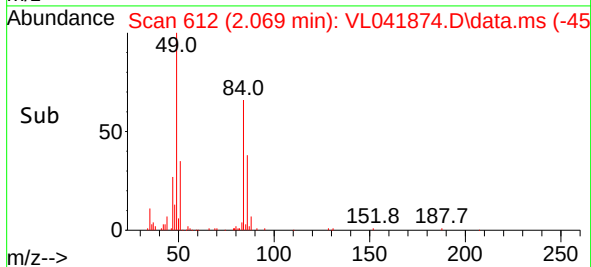
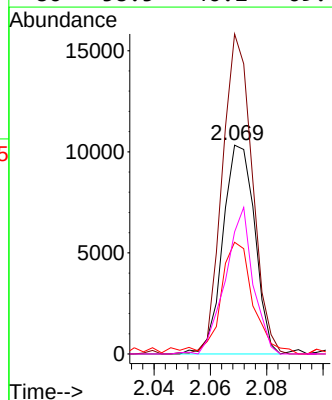
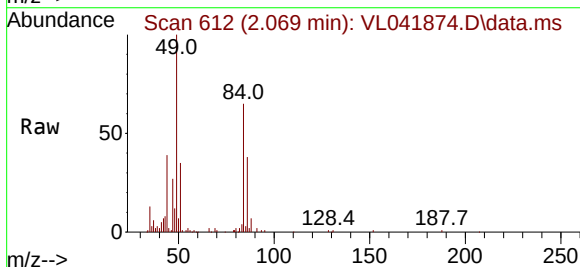
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

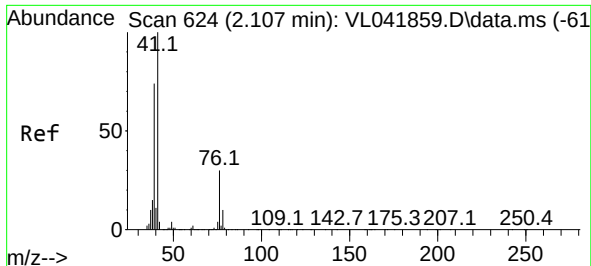
Tgt Ion: 45 Resp: 43747
Ion Ratio Lower Upper
45 100
58 7.9 37.0 55.6#



#20
Methylene Chloride
Concen: 1.165 ppbv
RT: 2.069 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 84 Resp: 8101
Ion Ratio Lower Upper
84 100
49 152.6 113.8 170.8
51 51.7 33.5 50.3#
86 58.5 46.2 69.4





#21

Allyl Chloride

Concen: 0.032 ppbv

RT: 2.111 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

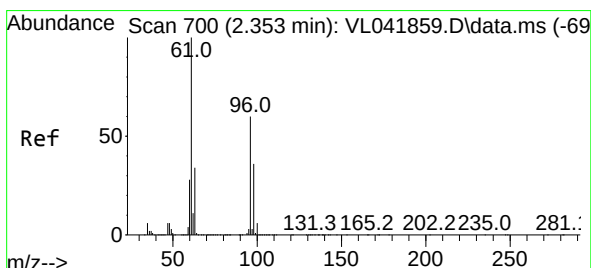
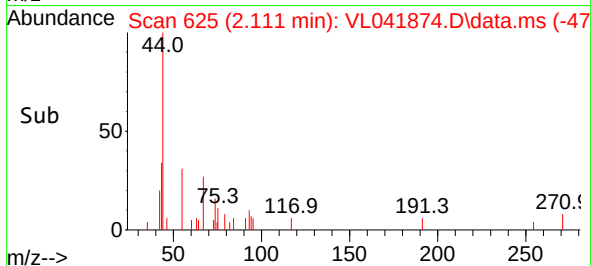
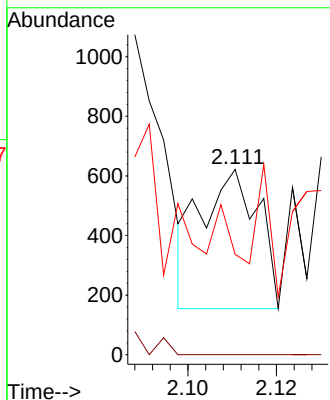
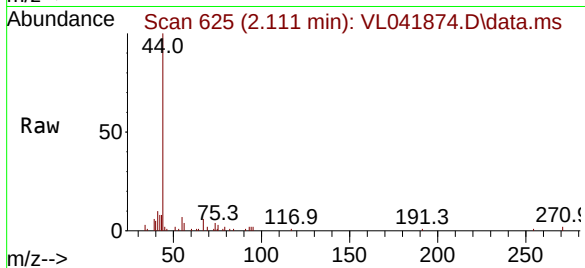
Tgt Ion: 41 Resp: 421

Ion Ratio Lower Upper

41 100

76 0.0 24.6 36.8#

39 0.0 60.1 90.1#



#22

trans-1,2-Dichloroethene

Concen: 0.004 ppbv

RT: 2.344 min Scan# 697

Delta R.T. -0.010 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

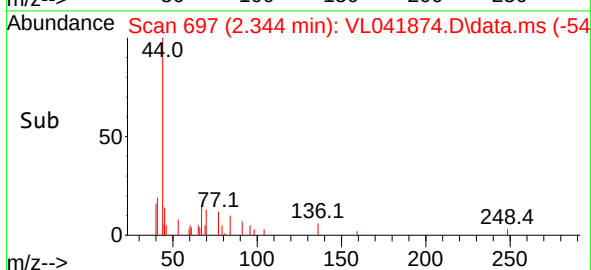
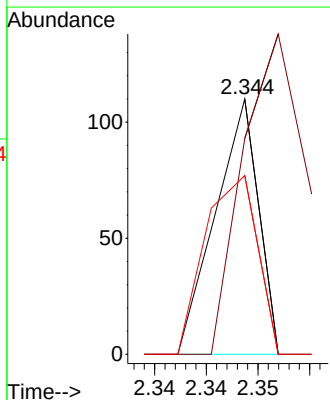
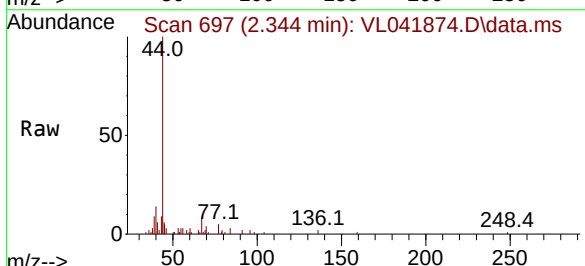
Tgt Ion: 96 Resp: 32

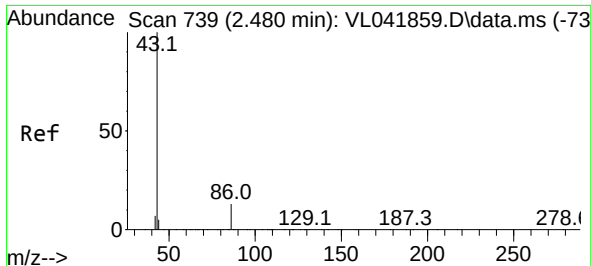
Ion Ratio Lower Upper

96 100

61 84.5 134.2 201.4#

98 70.0 49.0 73.4

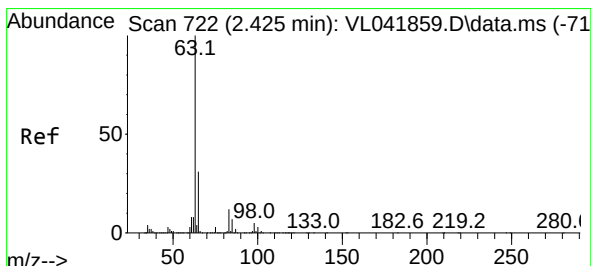
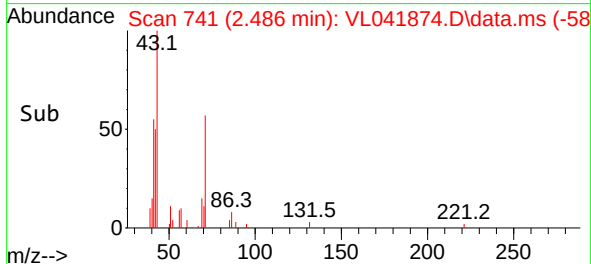
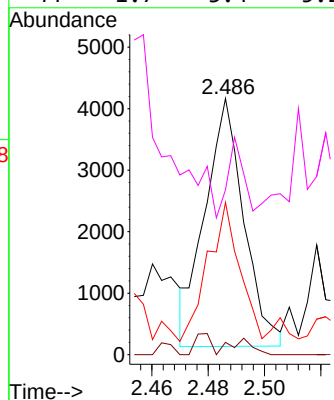
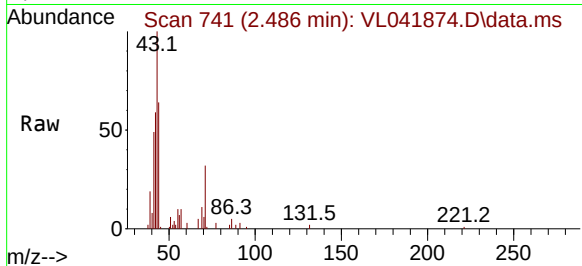




#23
 Vinyl Acetate
 Concen: 0.374 ppbv
 RT: 2.486 min Scan# 741
 Delta R.T. 0.007 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

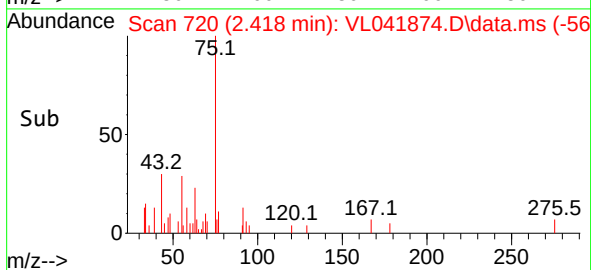
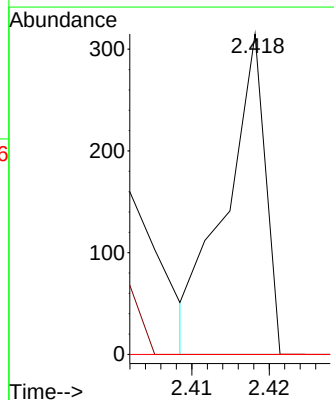
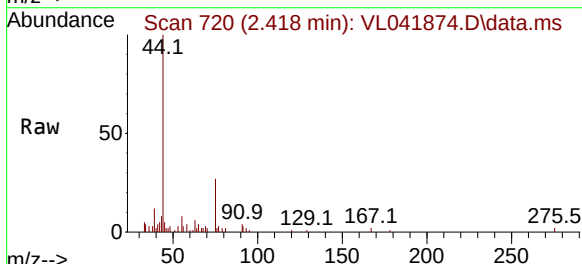
Instrument :
 MSVOA_1
 ClientSampleId :
 AMBIENT AIR

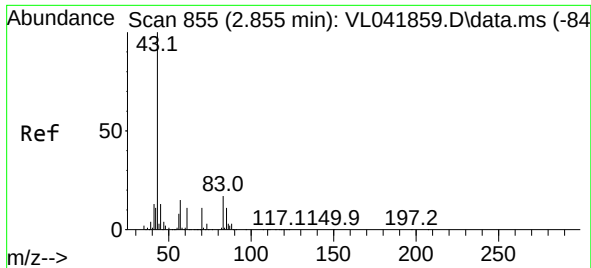
Tgt Ion: 43	Resp: 3861
Ion Ratio	Lower Upper
43 100	
86 5.3	7.8 11.6#
42 59.5	7.0 10.4#
44 1.7	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.007 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 63	Resp:	110
Ion Ratio	Lower	Upper
63 100		
98 0.0	2.3	6.9#
100 0.0	1.3	3.8#

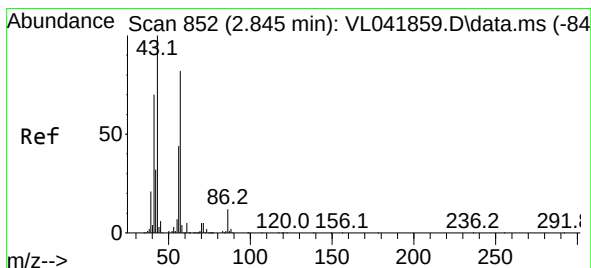
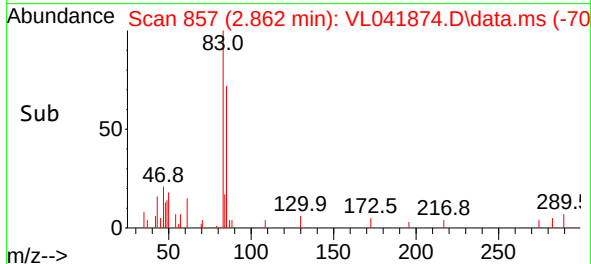
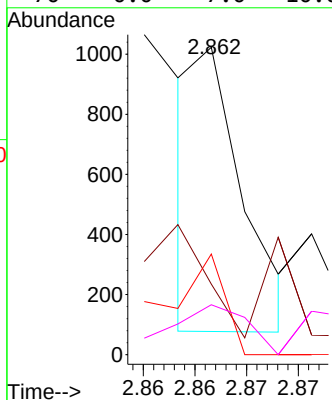
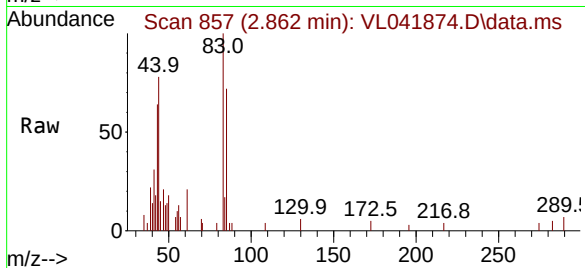




#25
Ethyl Acetate
Concen: 0.006 ppbv
RT: 2.862 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

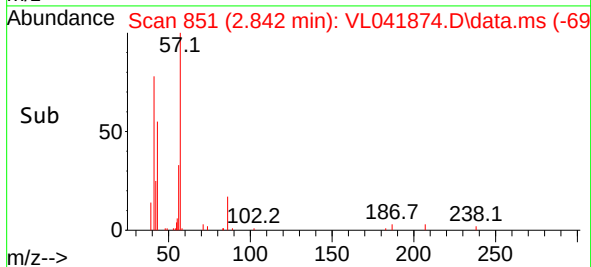
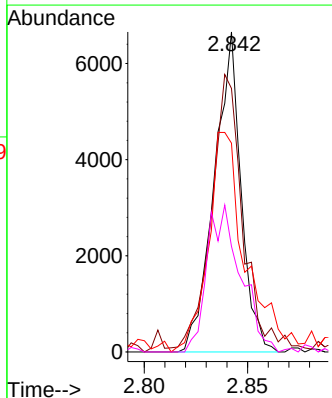
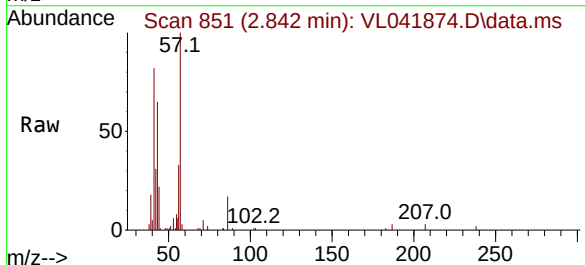
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

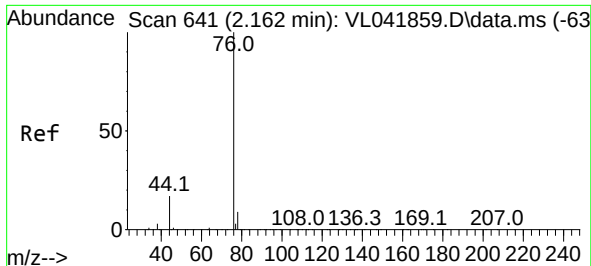
Tgt Ion: 43	Resp: 298
Ion Ratio	Lower Upper
43 100	
45 177.5	8.4 12.6#
61 69.5	7.3 10.9#
70 0.0	7.0 10.6#



#26
Hexane
Concen: 0.288 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 57	Resp: 6013
Ion Ratio	Lower Upper
57 100	
41 107.1	71.5 107.3
43 102.1	200.2 300.4#
56 59.6	42.2 63.4

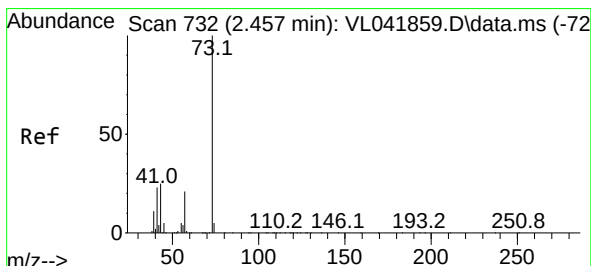
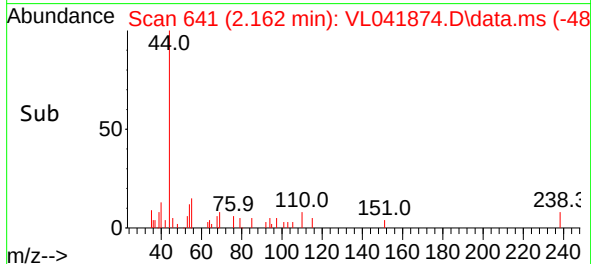
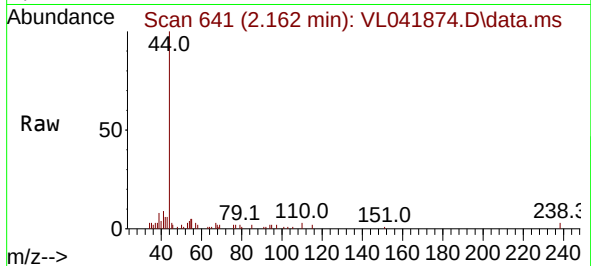




#27
Carbon Disulfide
Concen: 0.003 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.000 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

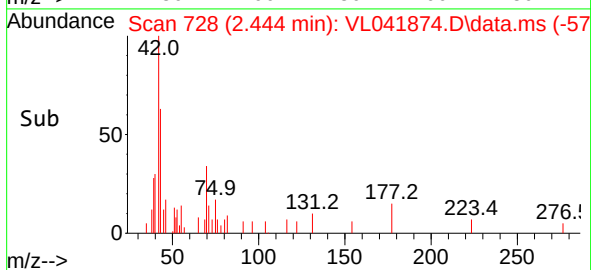
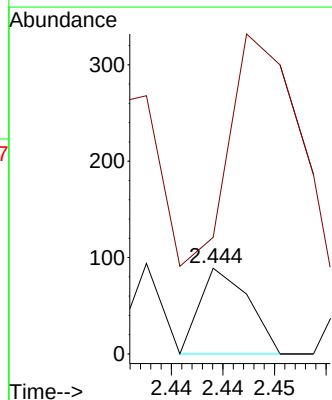
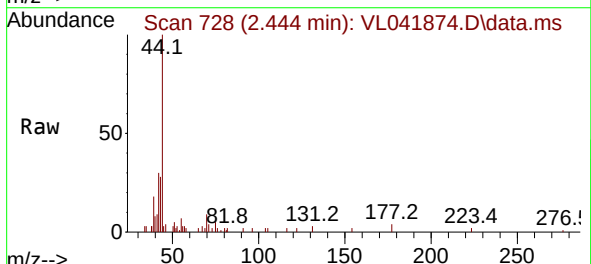
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

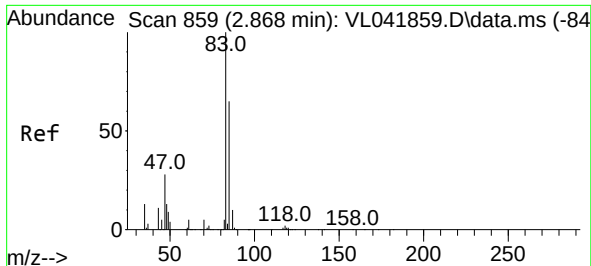
Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
44 0.0 13.1 19.7#
78 0.0 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.013 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 73 Resp: 29
Ion Ratio Lower Upper
73 100
57 3762.1 17.5 26.3#





#29

Chloroform

Concen: 0.067 ppbv

RT: 2.865 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

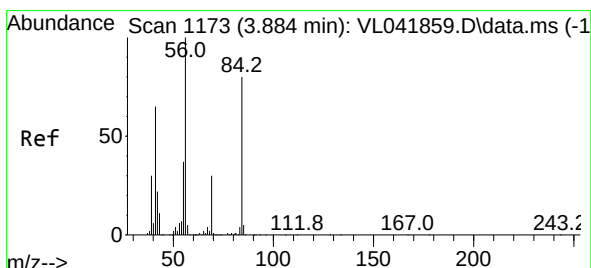
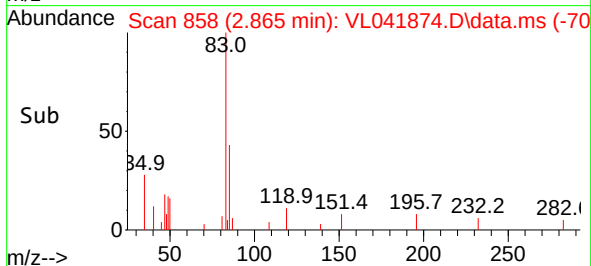
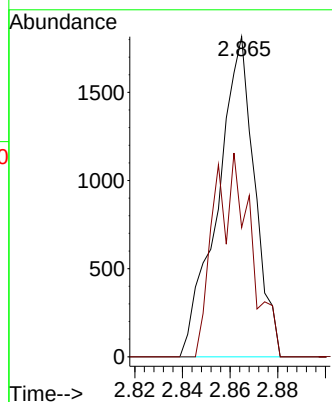
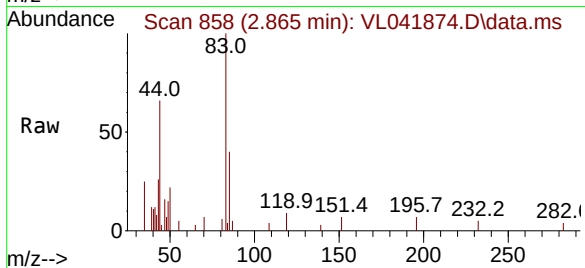
AMBIENT AIR

Tgt Ion: 83 Resp: 1963

Ion Ratio Lower Upper

83 100

85 40.4 51.7 77.5#



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

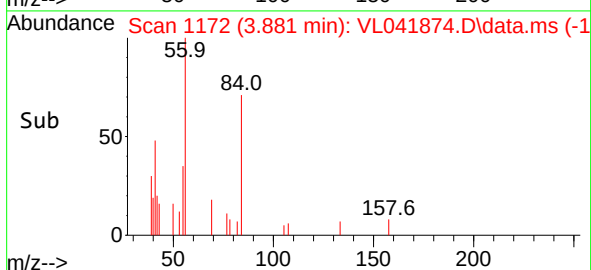
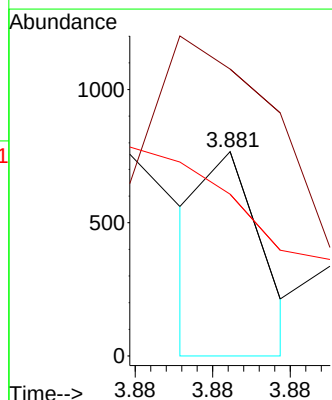
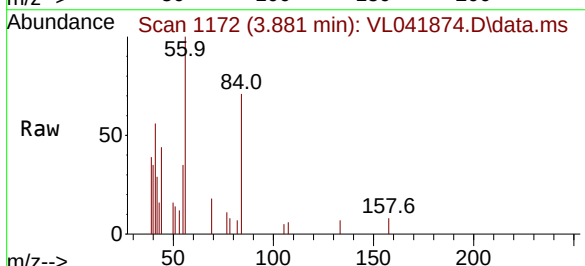
Tgt Ion: 84 Resp: 190

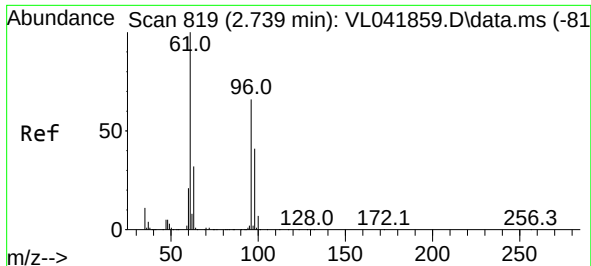
Ion Ratio Lower Upper

84 100

56 903.2 100.7 151.1#

41 0.0 62.8 94.2#

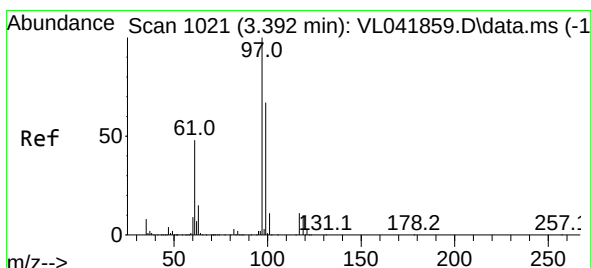
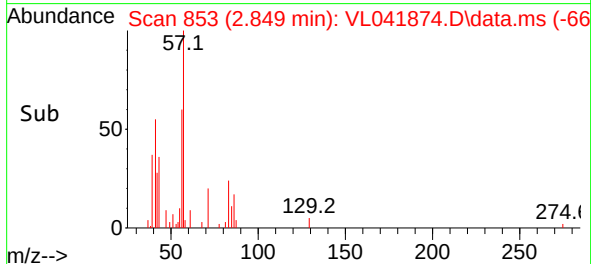
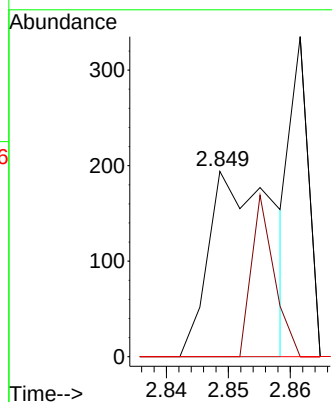
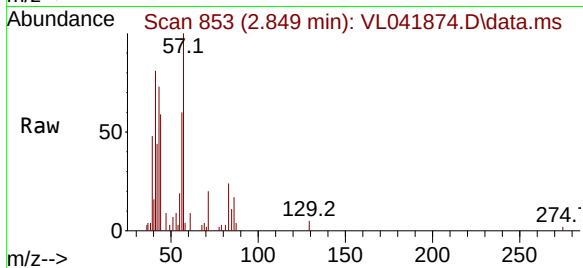




#31
 cis-1,2-Dichloroethene
 Concen: 0.007 ppbv
 RT: 2.849 min Scan# 81
 Delta R.T. 0.110 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

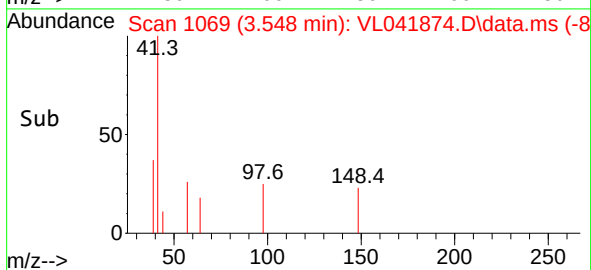
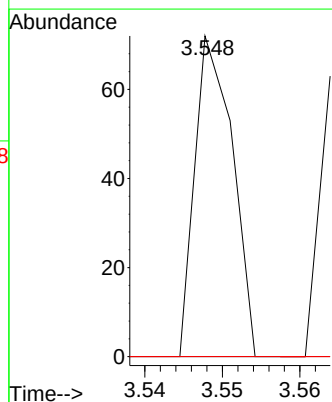
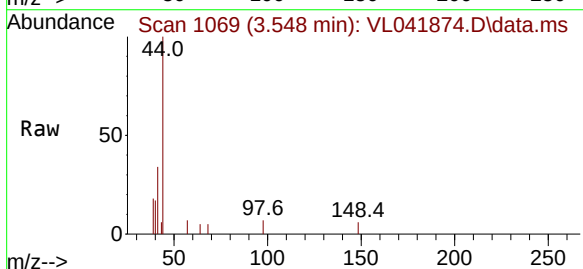
Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

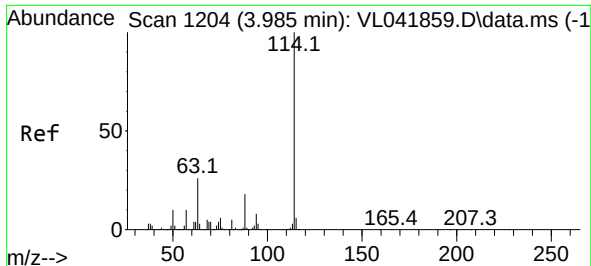
Tgt Ion:	61	Resp:	142
Ion	Ratio	Lower	Upper
61	100		
96	0.0	53.2	79.8#
98	0.0	32.5	48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.548 min Scan# 1069
 Delta R.T. 0.155 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion:	97	Resp:	24
Ion	Ratio	Lower	Upper
97	100		
99	41.7	52.0	78.0#
61	0.0	38.8	58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

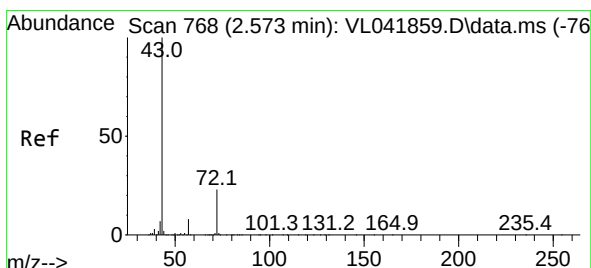
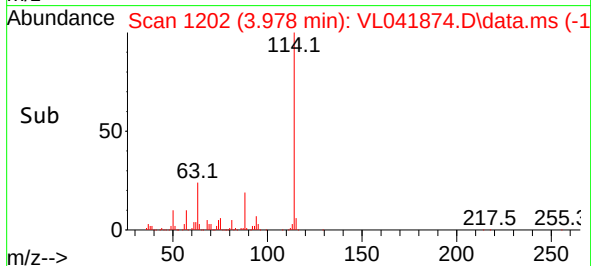
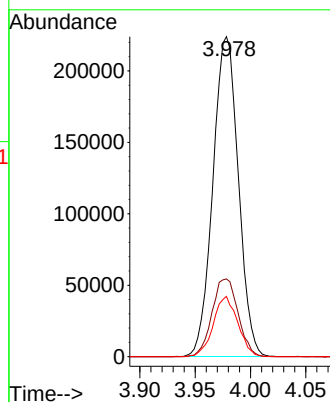
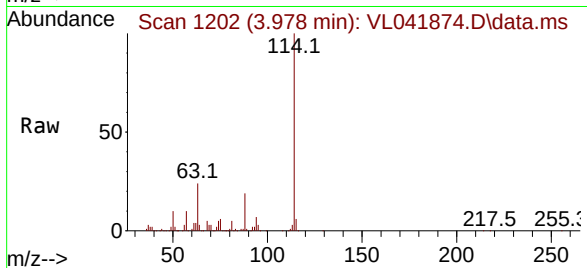
Tgt Ion:114 Resp: 358423

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 18.2 14.6 21.8



#34

2-Butanone

Concen: 0.109 ppbv

RT: 2.574 min Scan# 768

Delta R.T. 0.000 min

Lab File: VL041874.D

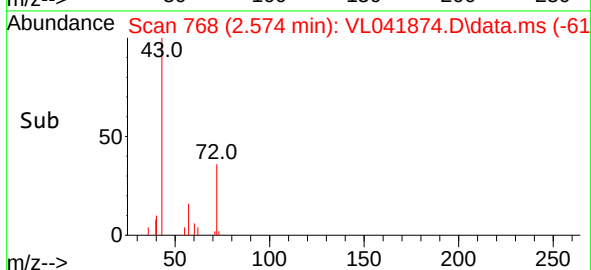
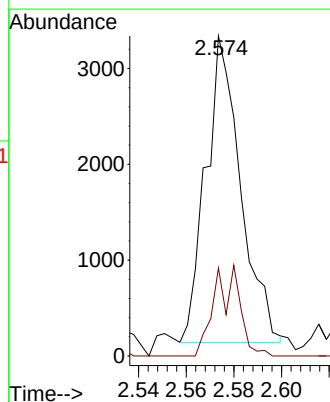
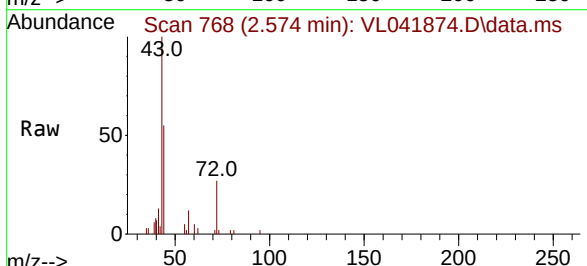
Acq: 09 Jan 2025 19:43

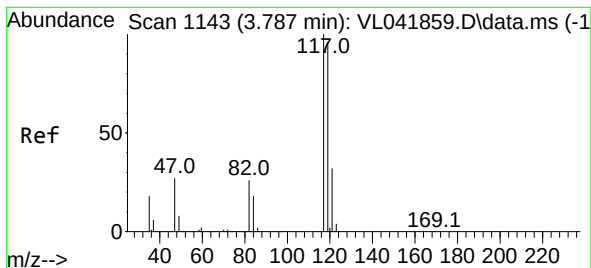
Tgt Ion: 43 Resp: 3248

Ion Ratio Lower Upper

43 100

72 21.3 18.5 27.7





#35

Carbon Tetrachloride

Concen: 0.044 ppbv

RT: 3.784 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

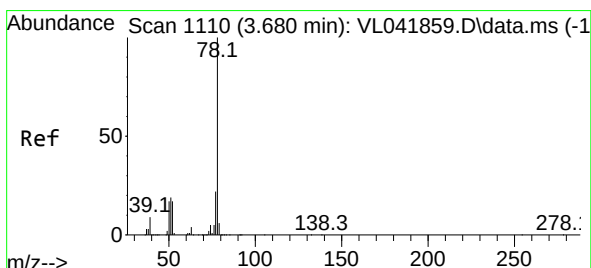
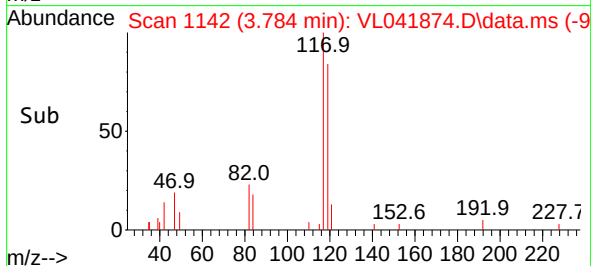
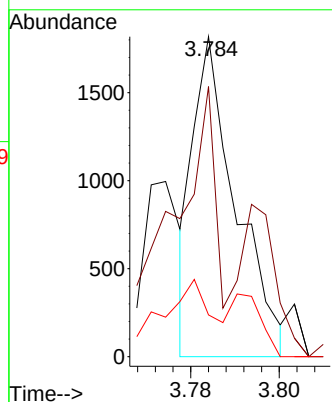
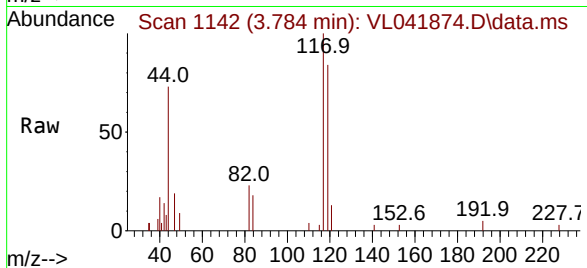
Tgt Ion:117 Resp: 1225

Ion Ratio Lower Upper

117 100

119 75.0 76.9 115.3#

121 14.5 25.9 38.9#



#36

Benzene

Concen: 0.132 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. -0.010 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

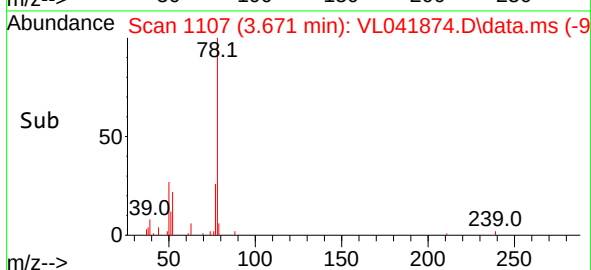
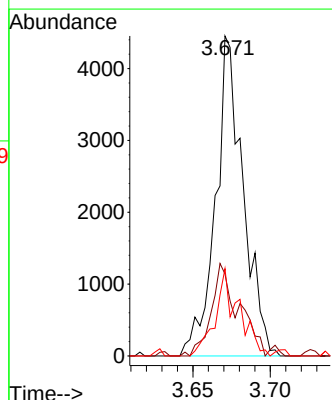
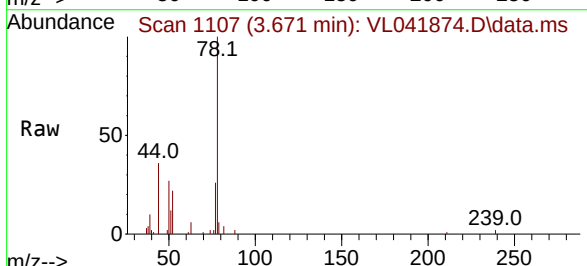
Tgt Ion: 78 Resp: 5509

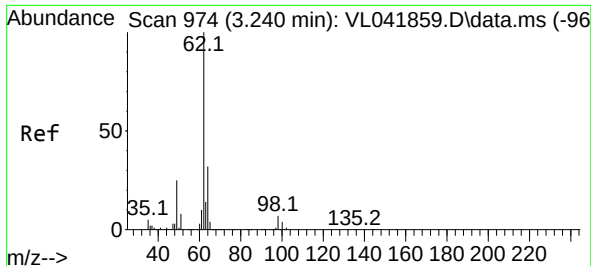
Ion Ratio Lower Upper

78 100

77 25.6 17.9 26.9

50 27.3 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.019 ppbv

RT: 3.234 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

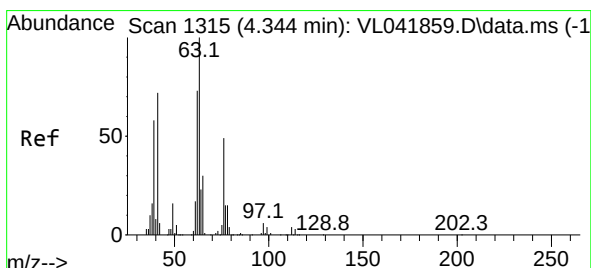
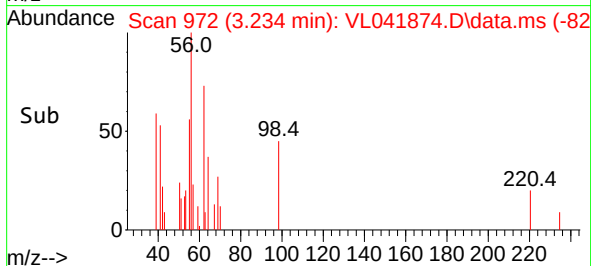
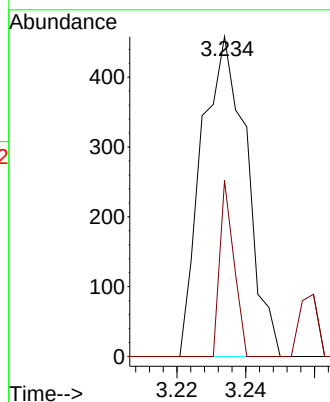
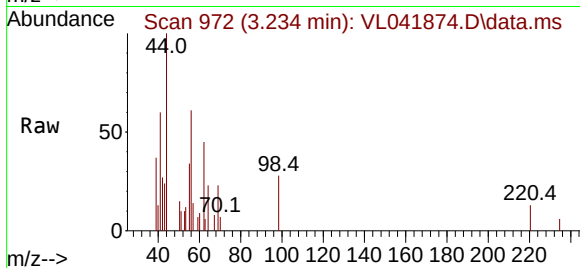
AMBIENT AIR

Tgt Ion: 62 Resp: 416

Ion Ratio Lower Upper

62 100

98 7.9 5.6 8.4



#39

1,2-Dichloropropane

Concen: 6.045 ppbv

RT: 3.978 min Scan# 1202

Delta R.T. -0.366 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

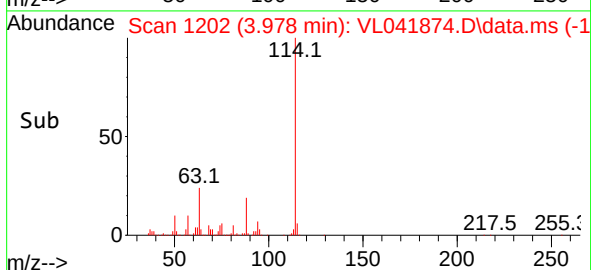
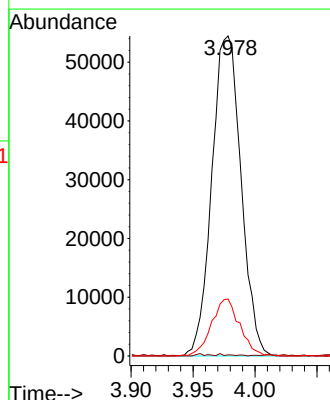
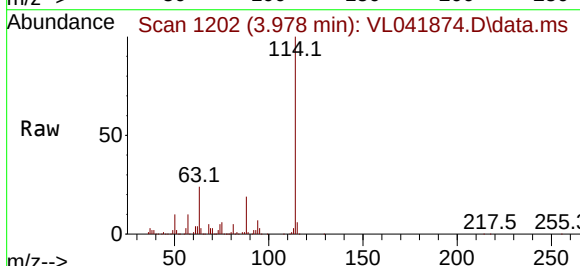
Tgt Ion: 63 Resp: 89414

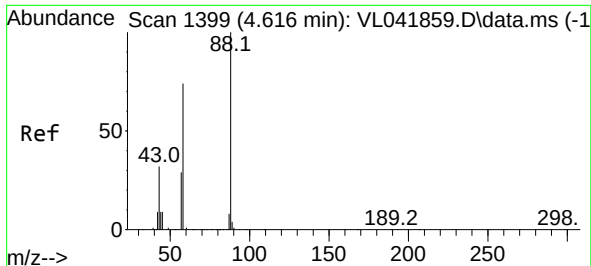
Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 17.8 58.6 87.8#

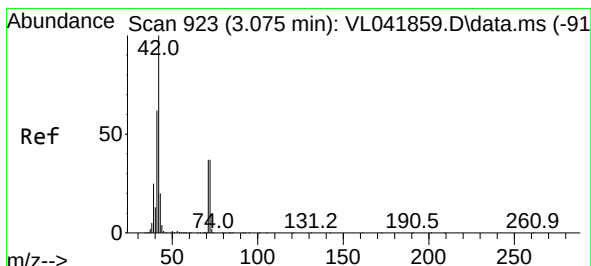
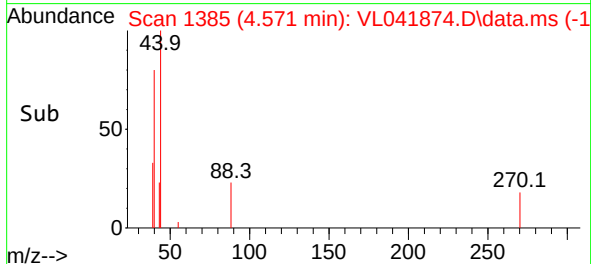
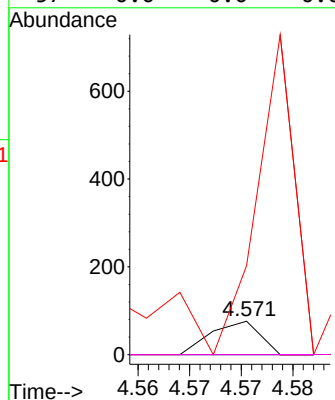
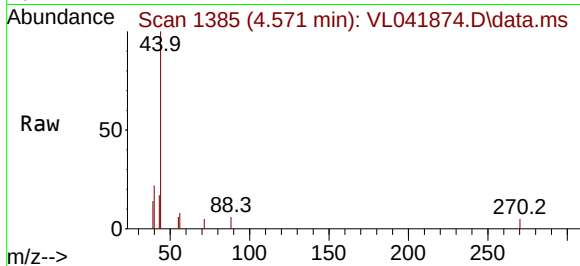




#40
1,4-Dioxane
Concen: 0.003 ppbv
RT: 4.571 min Scan# 11
Delta R.T. -0.045 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

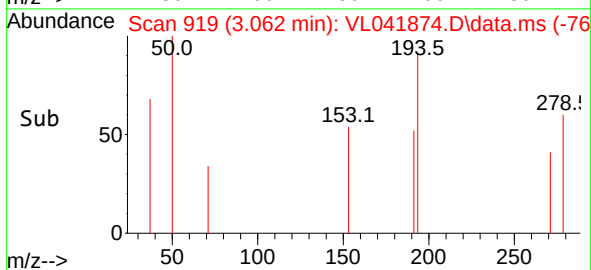
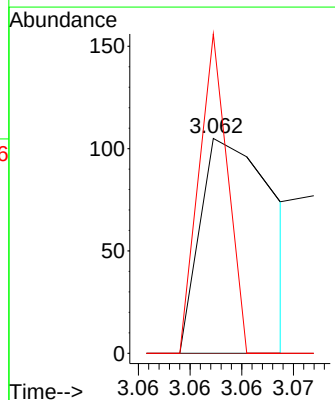
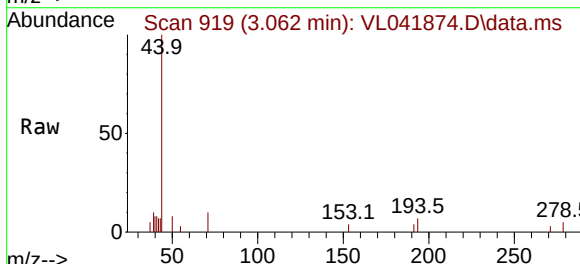
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

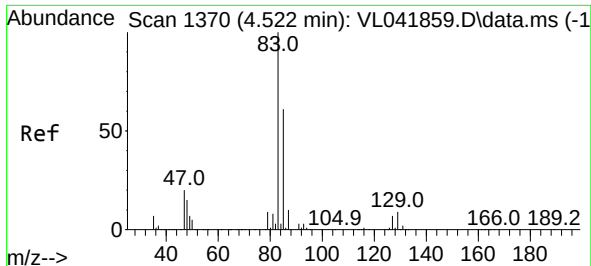
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
58 0.0 52.2 78.4#
43 2216.0 0.0 0.0#
57 0.0 0.0 0.0



#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.062 min Scan# 919
Delta R.T. -0.013 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#

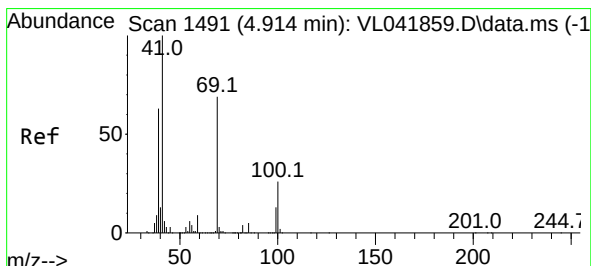
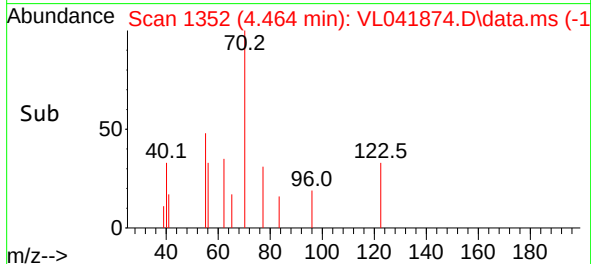
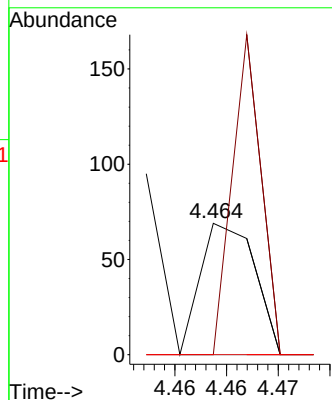
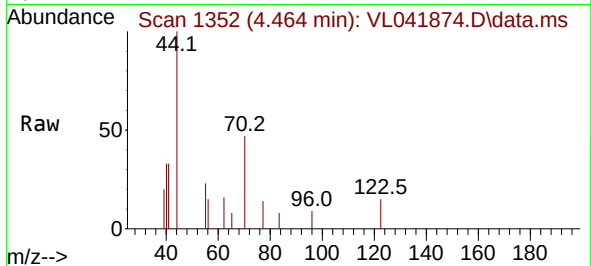




#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.464 min Scan# 11
Delta R.T. -0.058 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

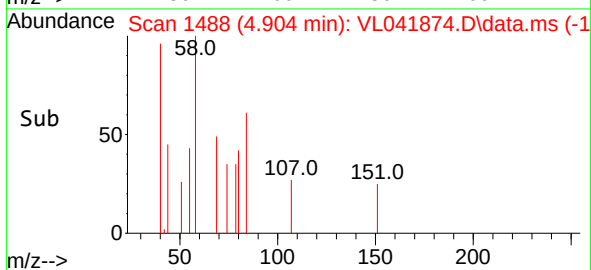
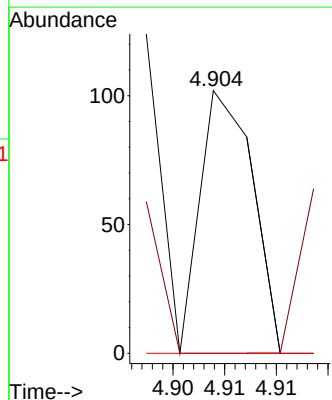
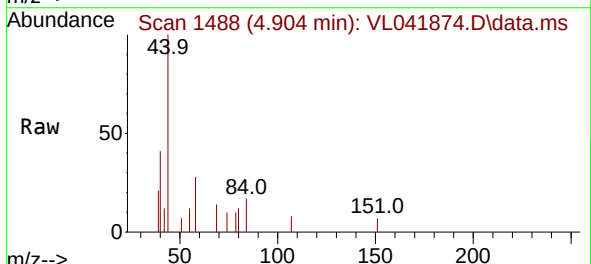
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

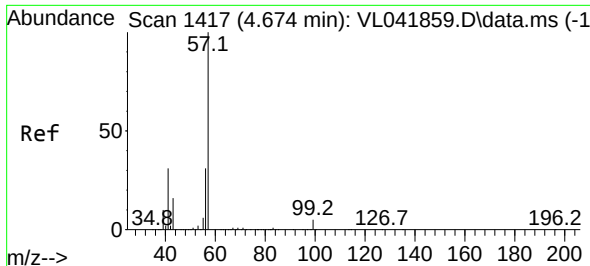
Tgt Ion: 83 Resp: 25
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#



#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. -0.010 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 69 Resp: 36
Ion Ratio Lower Upper
69 100
41 780.6 116.2 174.4#
100 0.0 29.8 44.8#

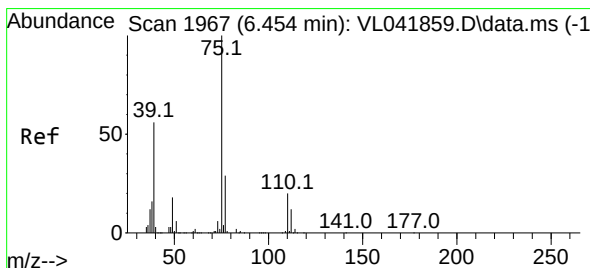
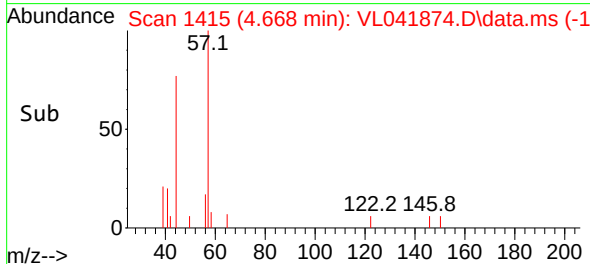
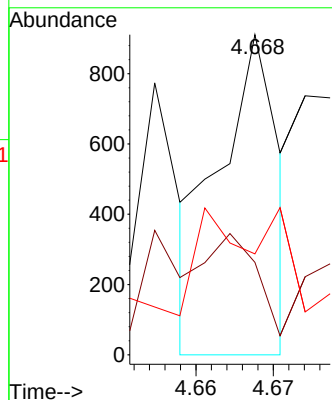
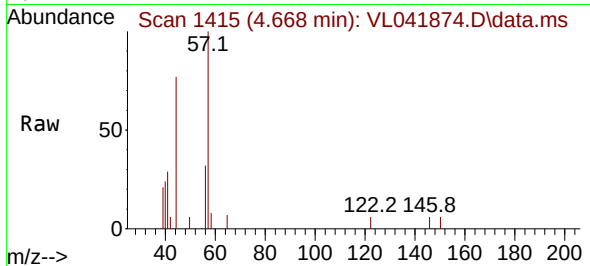




#44
 2,2,4-Trimethylpentane
 Concen: 0.007 ppbv
 RT: 4.668 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

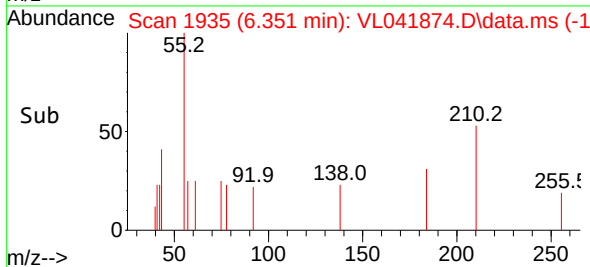
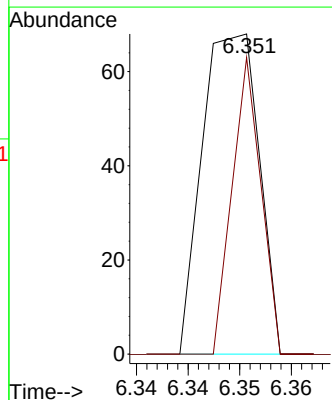
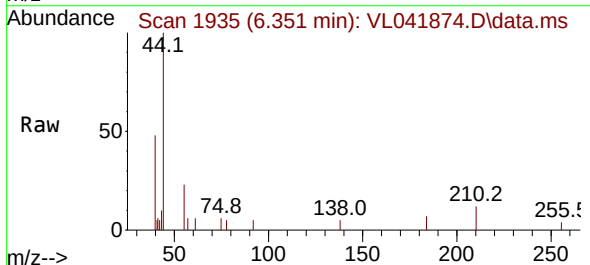
Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

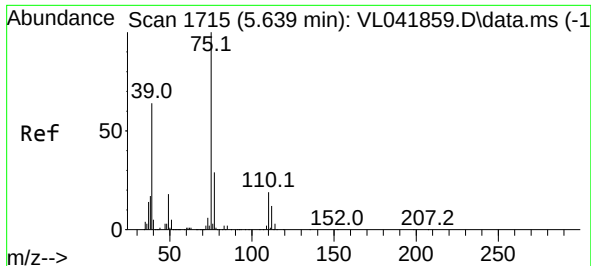
Tgt Ion: 57 Resp: 491
 Ion Ratio Lower Upper
 57 100
 41 0.0 25.5 38.3#
 56 0.0 25.6 38.4#



#45
 t-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 6.351 min Scan# 1935
 Delta R.T. -0.104 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 77 92.6 23.4 35.2#

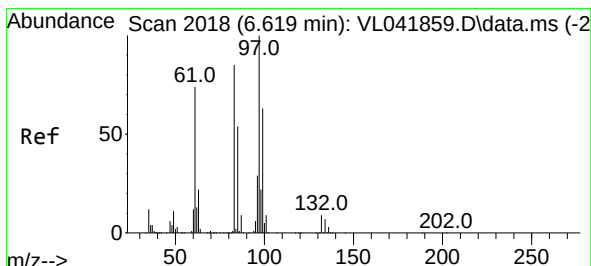
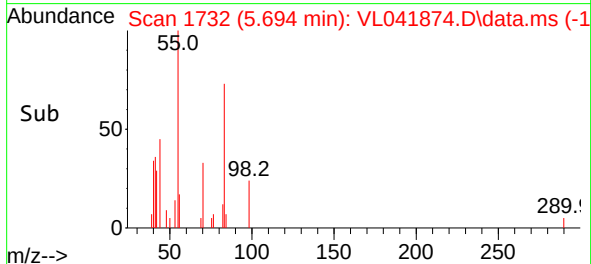
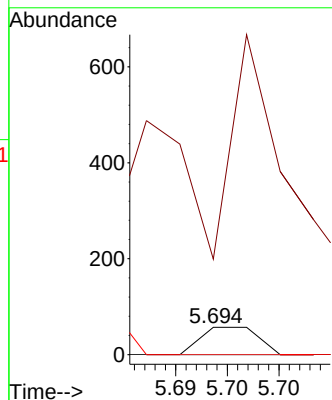
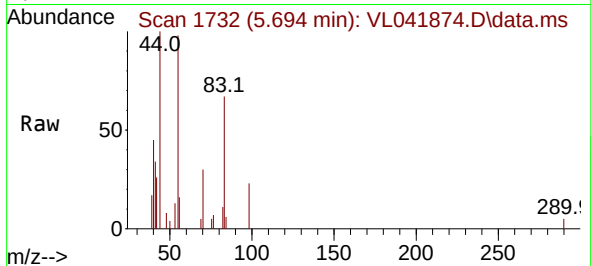




#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 5.694 min Scan# 11
 Delta R.T. 0.055 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

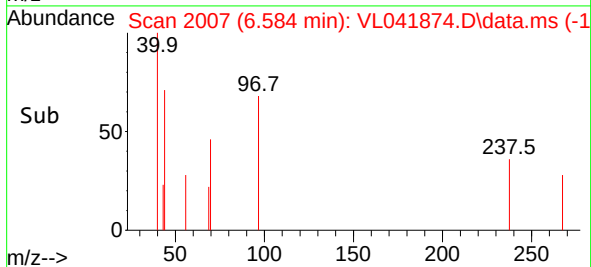
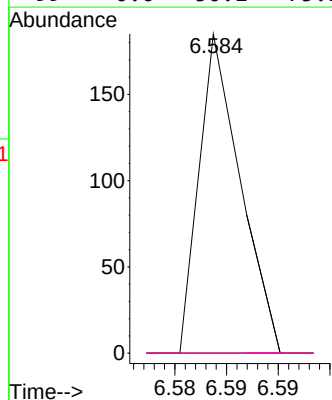
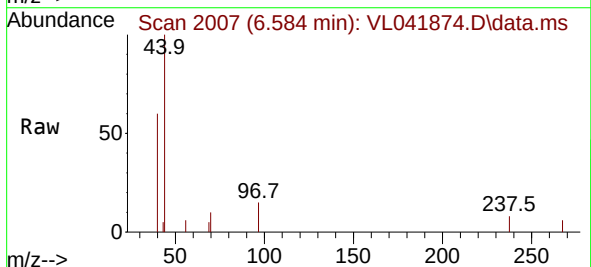
Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

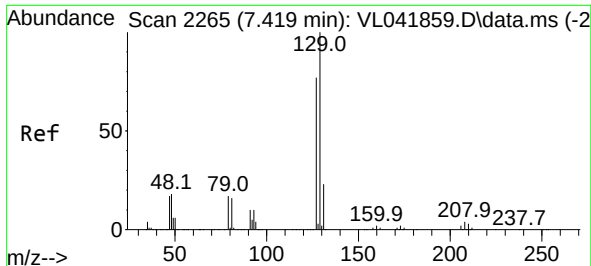
Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 39 0.0 51.4 77.2#
 77 0.0 23.0 34.4#



#47
 1,1,2-Trichloroethane
 Concen: 0.003 ppbv
 RT: 6.584 min Scan# 2007
 Delta R.T. -0.036 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 97 Resp: 51
 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#

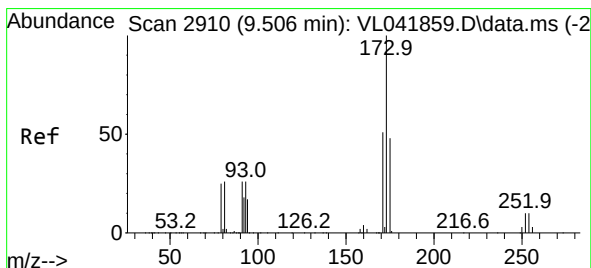
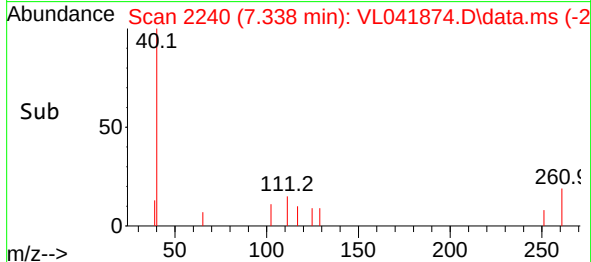
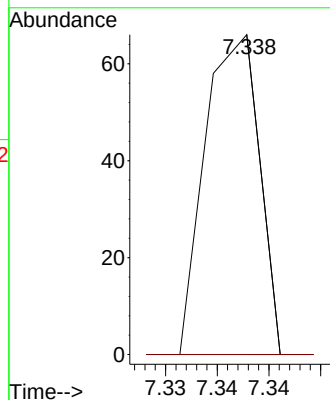
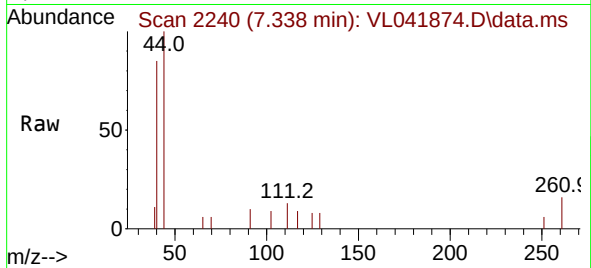




#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 7.338 min Scan# 21
Delta R.T. -0.081 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

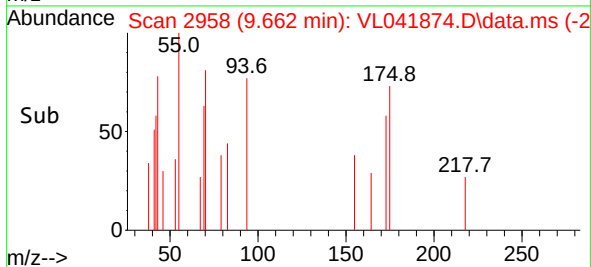
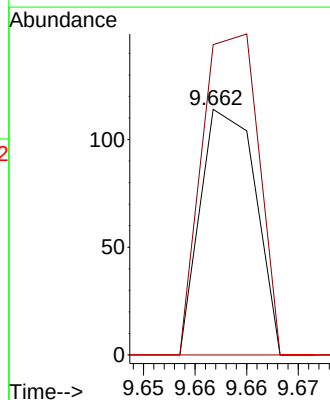
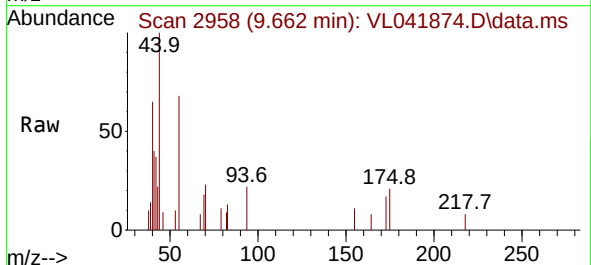
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

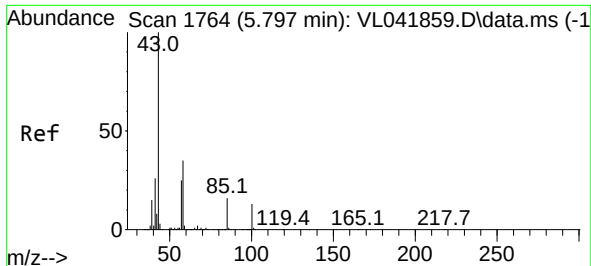
Tgt Ion:129 Resp: 24
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#



#49
Bromoform
Concen: 0.002 ppbv
RT: 9.662 min Scan# 2958
Delta R.T. 0.155 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion:173 Resp: 42
Ion Ratio Lower Upper
173 100
175 135.7 38.2 57.2#
171 26.2 41.3 61.9#

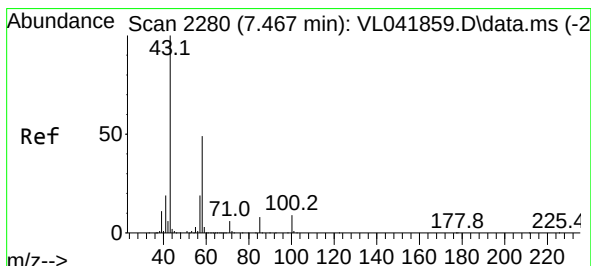
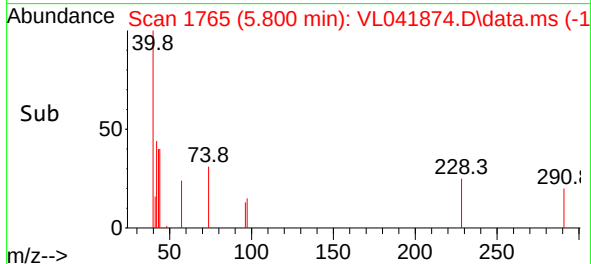
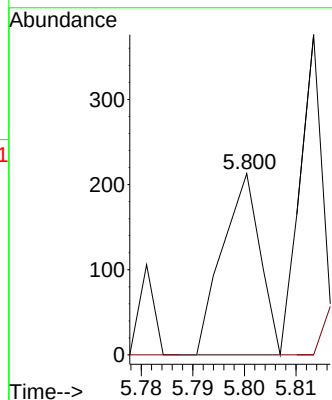
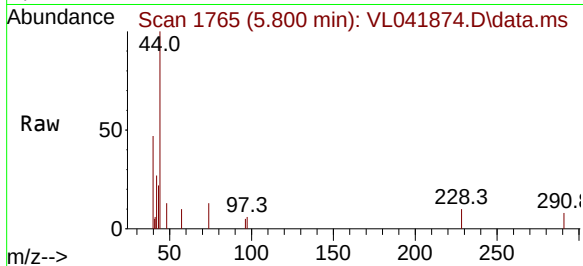




#50
 4-Methyl-2-Pentanone
 Concen: 0.003 ppbv
 RT: 5.800 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

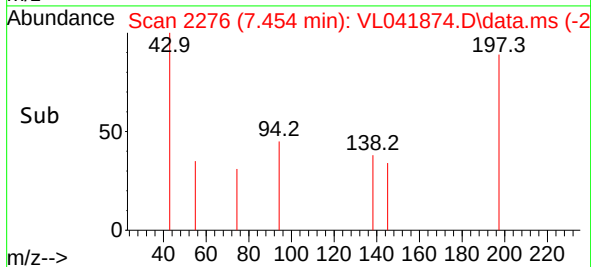
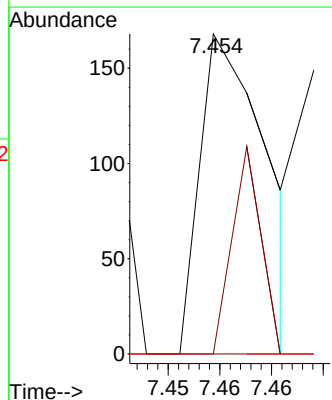
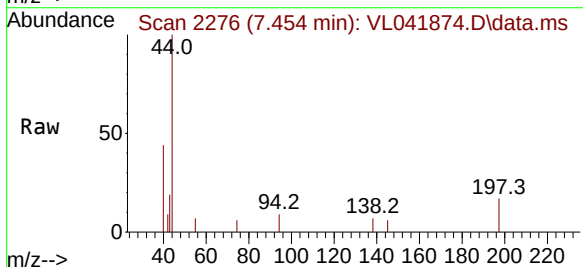
Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

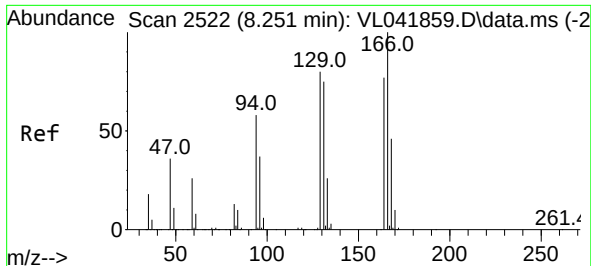
Tgt Ion: 43 Resp: 109
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.2#



#51
 2-Hexanone
 Concen: 0.002 ppbv
 RT: 7.454 min Scan# 2276
 Delta R.T. -0.013 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion: 43 Resp: 76
 Ion Ratio Lower Upper
 43 100
 58 0.0 40.0 60.0#
 98 0.0 0.1 0.1#

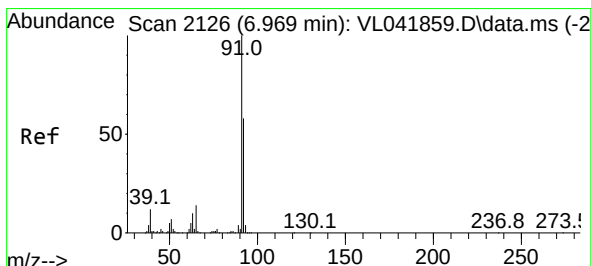
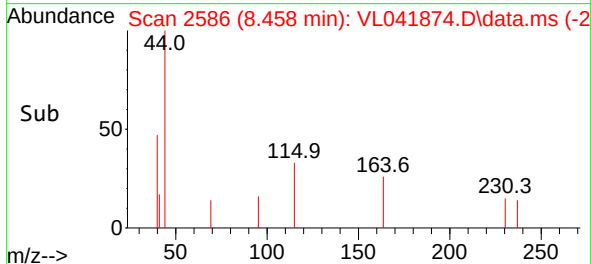
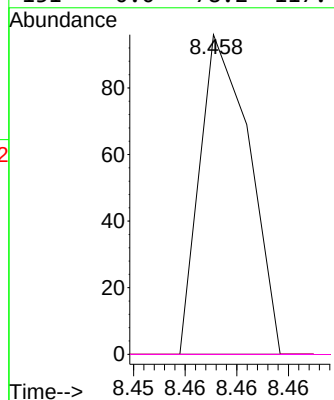
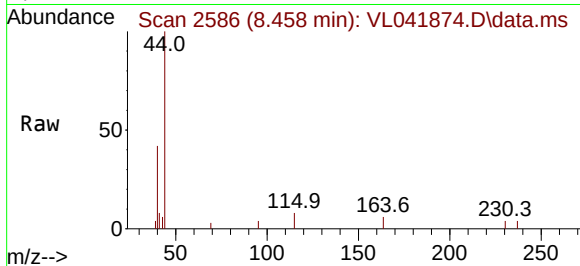




#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.458 min Scan# 2123
Delta R.T. 0.207 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

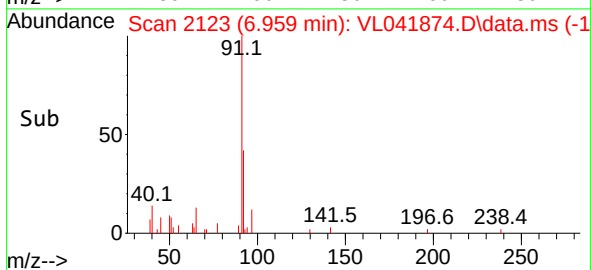
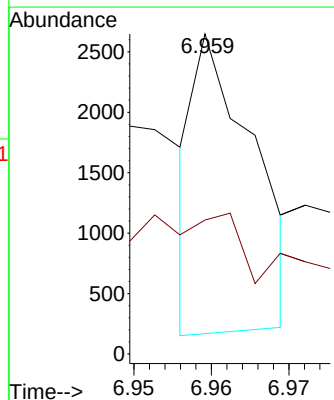
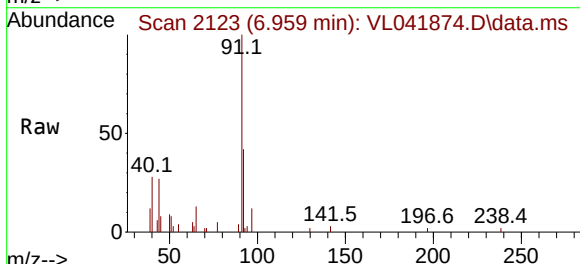
Instrument :
MSVOA_1
ClientSampleId :
AMBIENT AIR

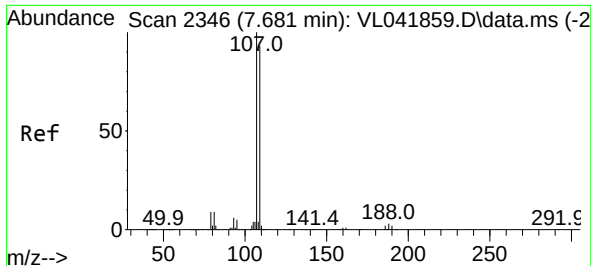
Tgt Ion:164	Resp:	32
Ion Ratio	Lower	Upper
164	100	
166	0.0	103.6 155.4#
129	0.0	82.6 123.8#
131	0.0	78.2 117.4#



#53
Toluene
Concen: 0.027 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. -0.010 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 91	Resp:	1322
Ion Ratio	Lower	Upper
91	100	
92	160.7	47.2 70.8#

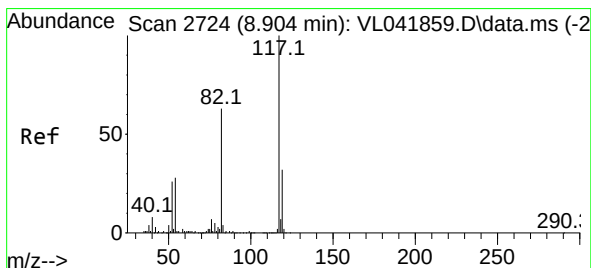
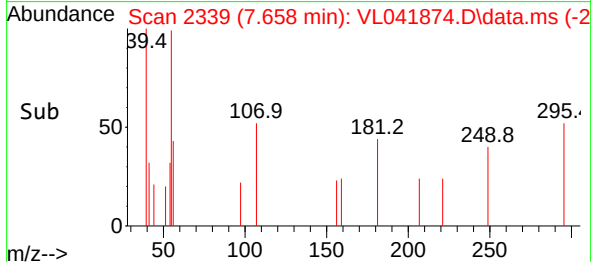
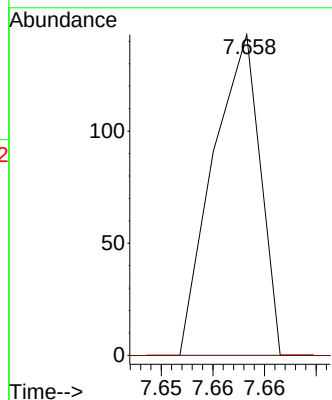
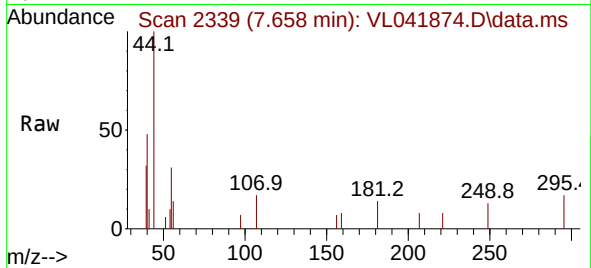




#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 7.658 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

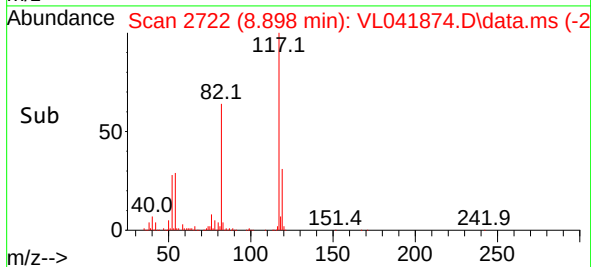
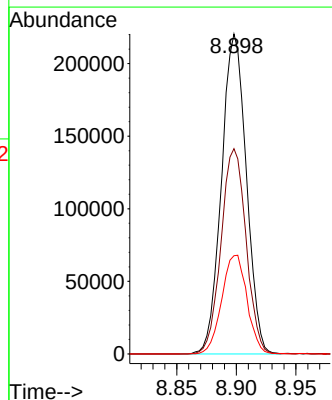
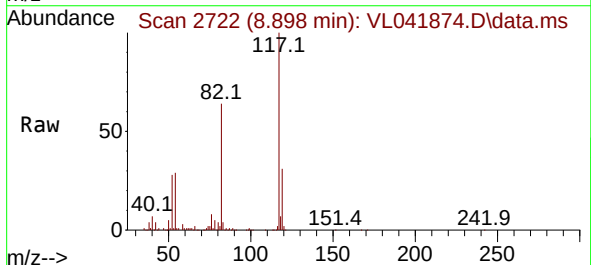
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

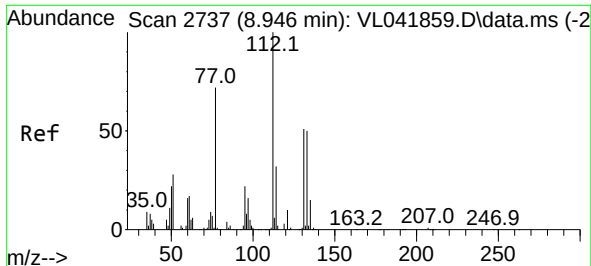
Tgt Ion:107 Resp: 45
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.006 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion:117 Resp: 318762
Ion Ratio Lower Upper
117 100
82 64.6 54.5 81.7
119 31.6 24.6 37.0

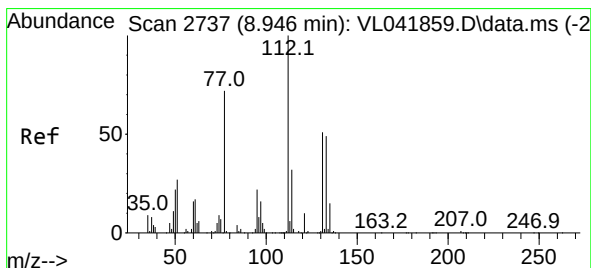
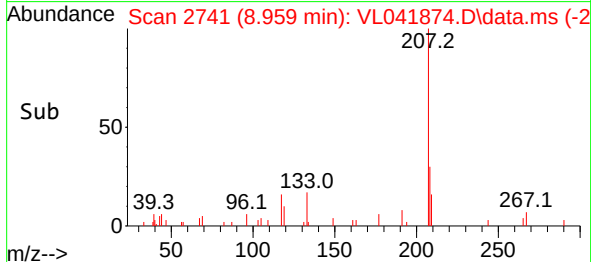
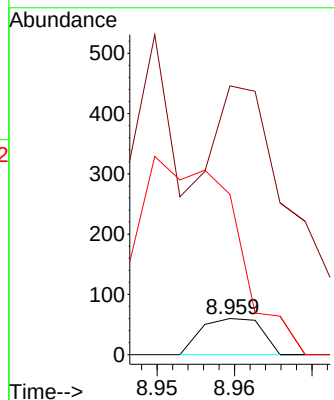
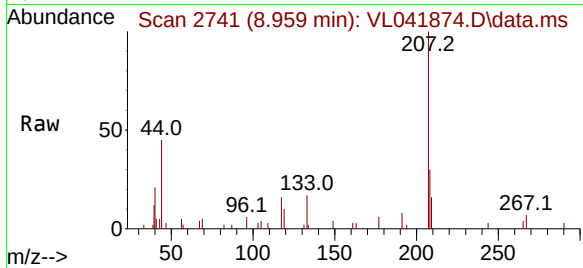




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.002 ppbv
 RT: 8.959 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

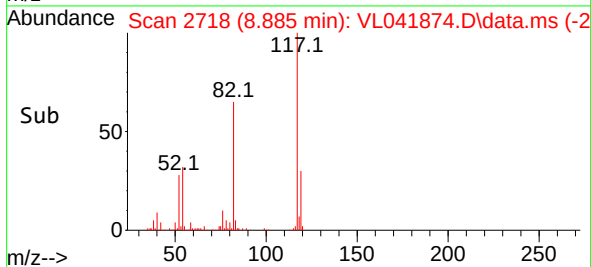
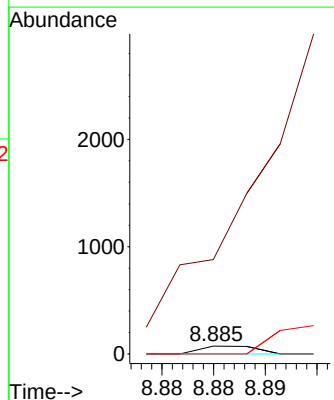
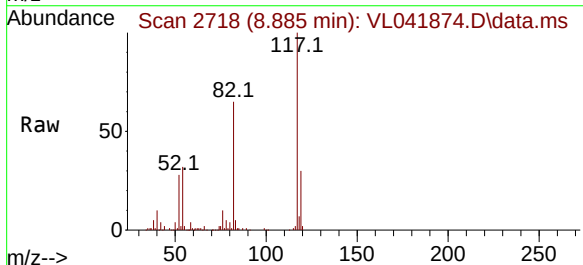
Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT AIR

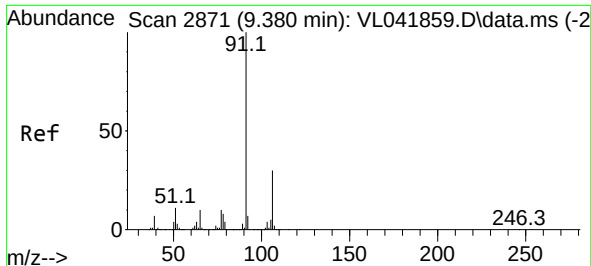
Tgt Ion:131 Resp: 32
 Ion Ratio Lower Upper
 131 100
 133 2209.4 77.4 116.2#
 119 314246.9 49.4 74.0#



#57
 Chlorobenzene
 Concen: 0.001 ppbv
 RT: 8.885 min Scan# 2718
 Delta R.T. -0.061 min
 Lab File: VL041874.D
 Acq: 09 Jan 2025 19:43

Tgt Ion:112 Resp: 28
 Ion Ratio Lower Upper
 112 100
 77 68.5 58.3 87.5
 114 0.0 28.9 35.3#





#58

Ethyl Benzene

Concen: 0.013 ppbv

RT: 9.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

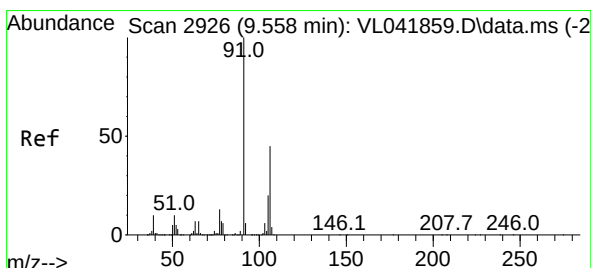
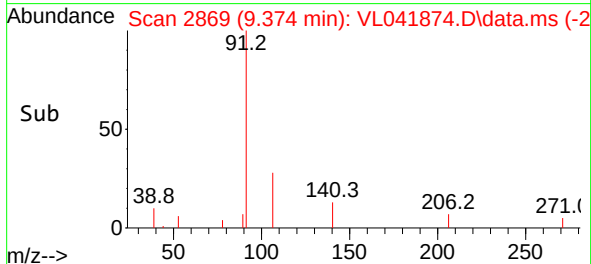
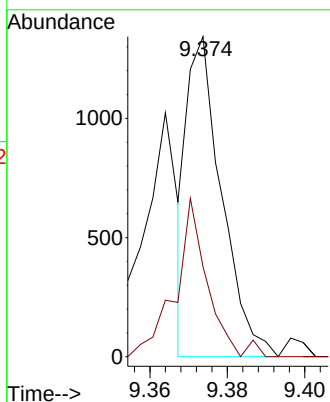
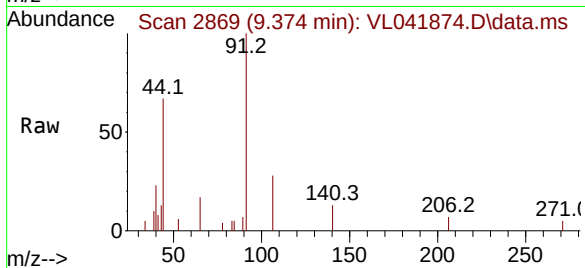
AMBIENT AIR

Tgt Ion: 91 Resp: 833

Ion Ratio Lower Upper

91 100

106 28.1 24.2 36.2



#59

m/p-Xylene

Concen: 0.023 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. -0.013 min

Lab File: VL041874.D

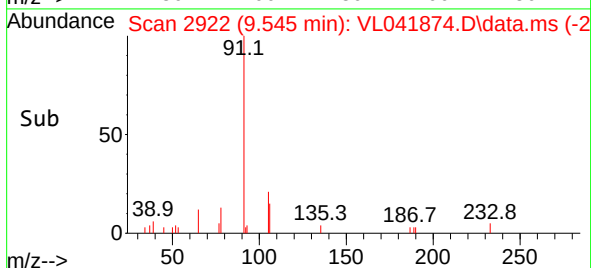
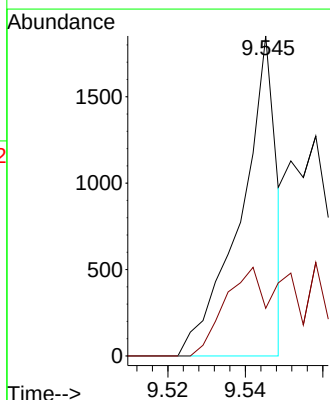
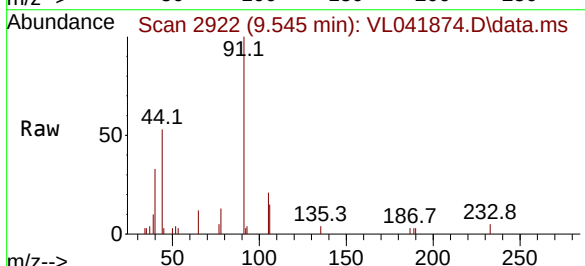
Acq: 09 Jan 2025 19:43

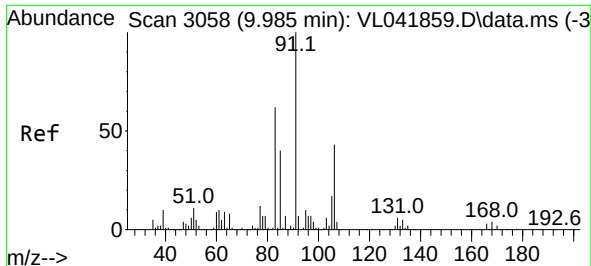
Tgt Ion: 91 Resp: 1191

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0





#60

o-Xylene

Concen: 0.012 ppbv

RT: 9.982 min Scan# 3058

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

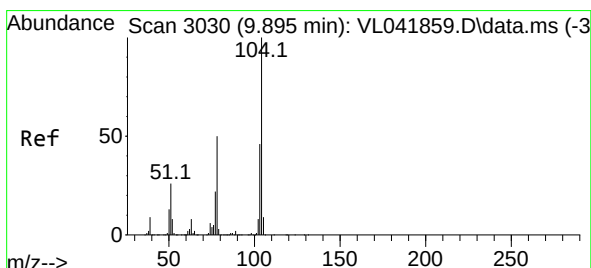
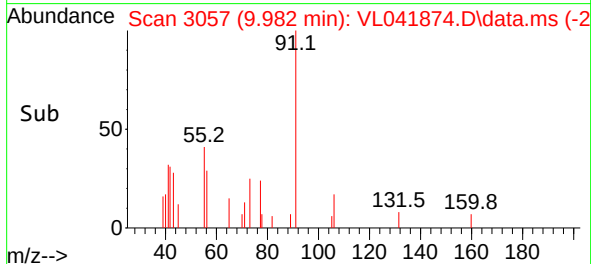
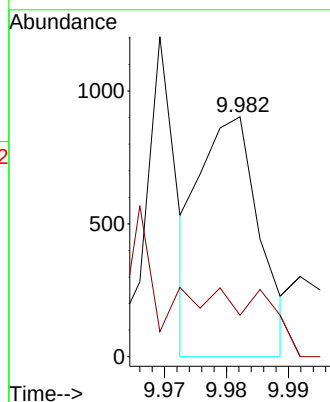
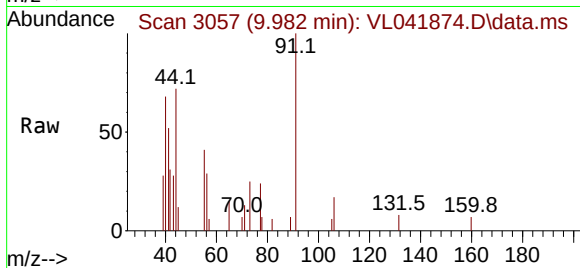
AMBIENT AIR

Tgt Ion: 91 Resp: 606

Ion Ratio Lower Upper

91 100

106 0.0 21.4 64.3#



#61

Styrene

Concen: 0.006 ppbv

RT: 9.892 min Scan# 3029

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

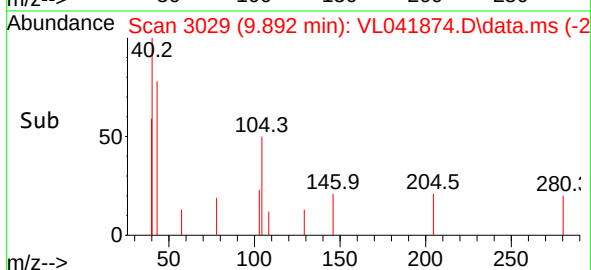
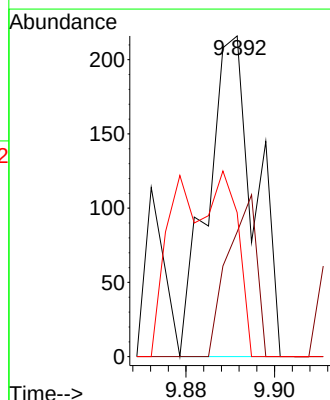
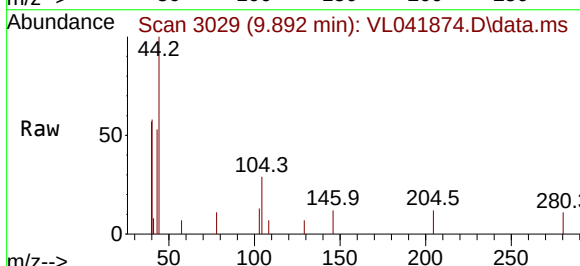
Tgt Ion:104 Resp: 161

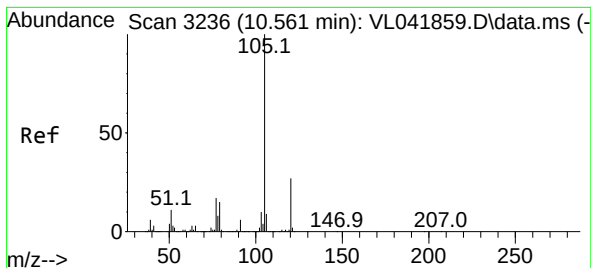
Ion Ratio Lower Upper

104 100

78 37.9 40.7 61.1#

103 73.9 37.0 55.6#





#62

Isopropylbenzene

Concen: 0.002 ppbv

RT: 10.558 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

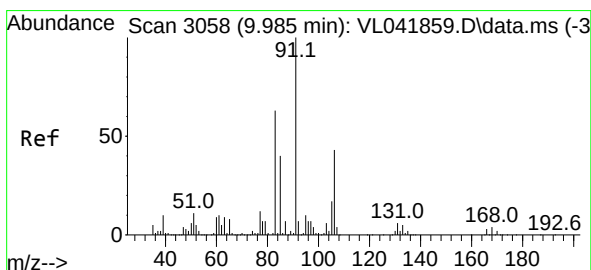
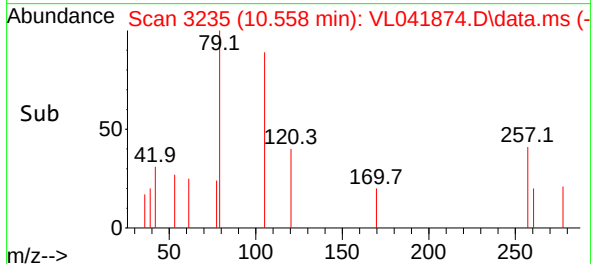
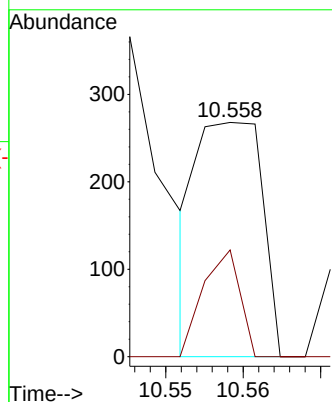
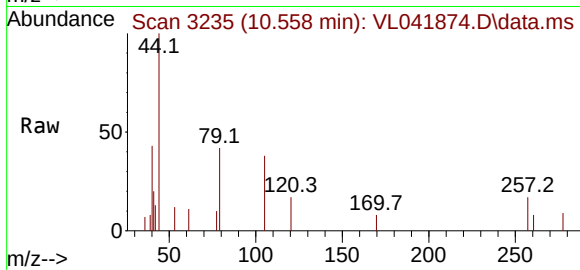
AMBIENT AIR

Tgt Ion:105 Resp: 155

Ion Ratio Lower Upper

105 100

120 40.0 20.3 30.5#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. -0.032 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

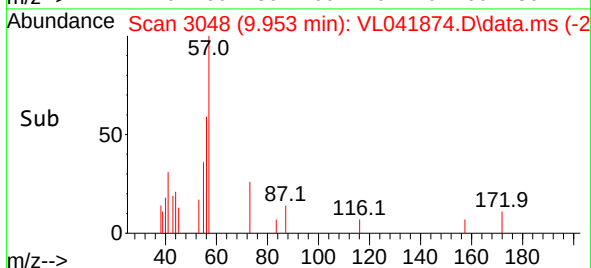
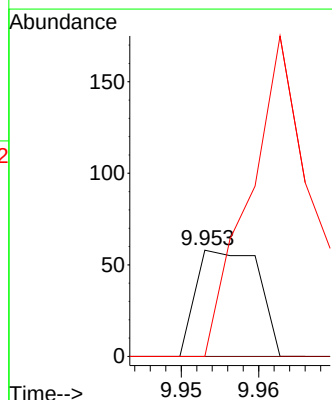
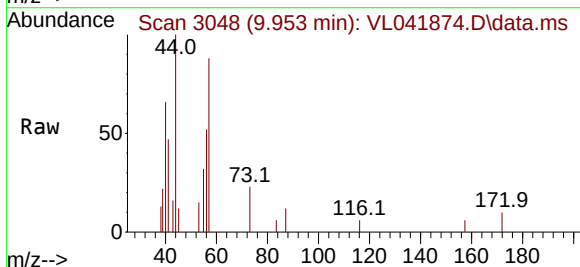
Tgt Ion: 83 Resp: 33

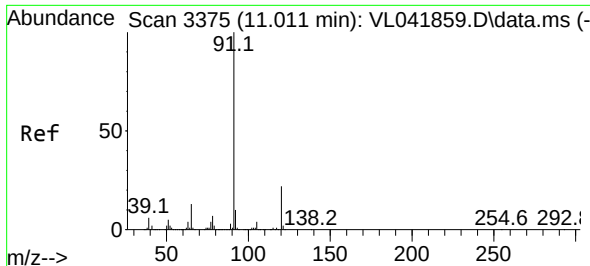
Ion Ratio Lower Upper

83 100

131 75.8 4.8 14.3#

85 539.4 32.1 96.3#

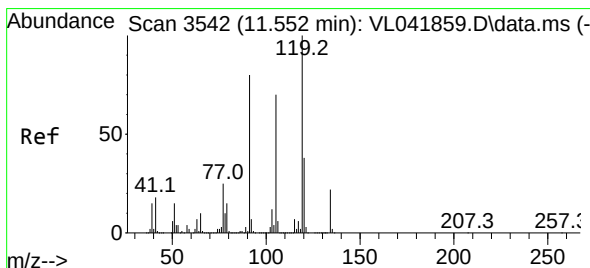
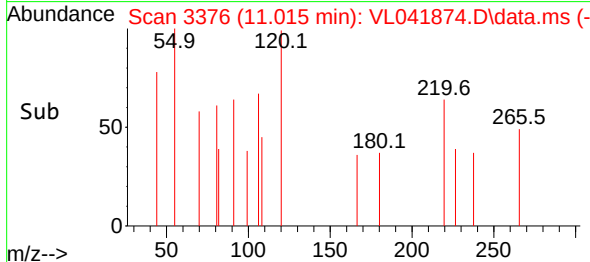
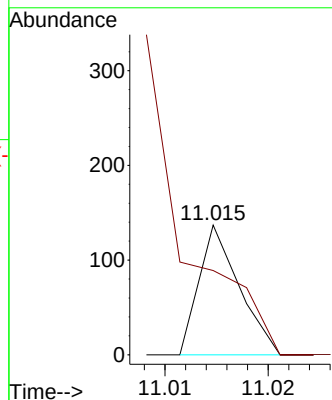
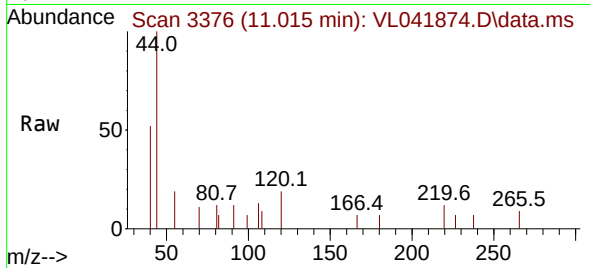




#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 11.015 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

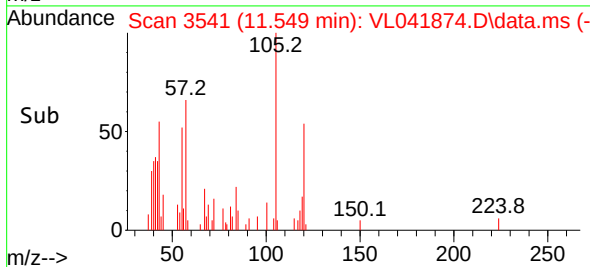
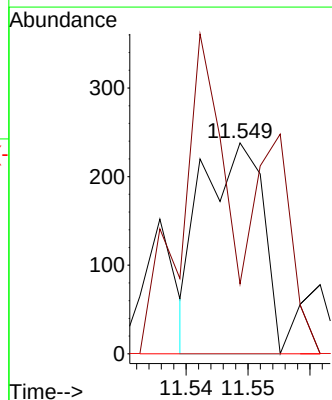
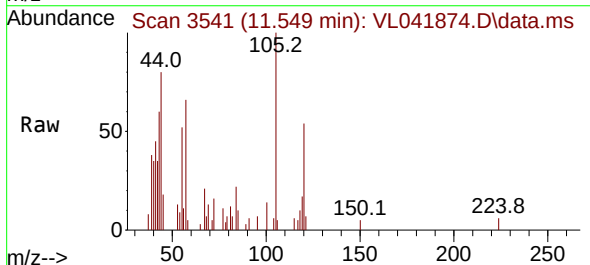
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

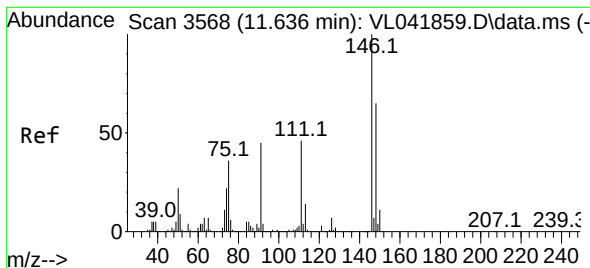
Tgt Ion:120 Resp: 37
Ion Ratio Lower Upper
120 100
91 1259.5 376.9 565.3#



#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion:119 Resp: 162
Ion Ratio Lower Upper
119 100
91 171.0 64.6 97.0#
134 0.0 16.9 25.3#





#66

Benzyl Chloride

Concen: 0.014 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. -0.081 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

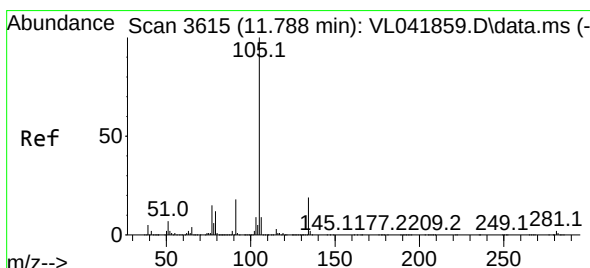
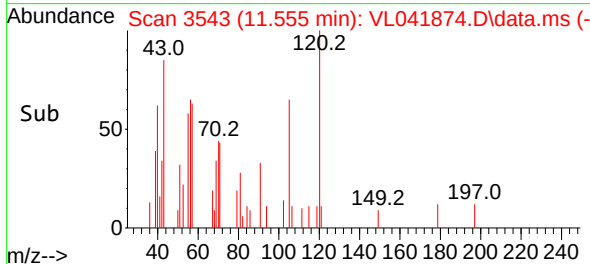
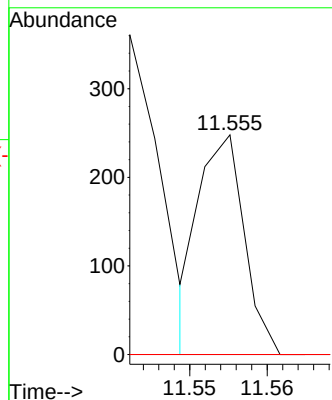
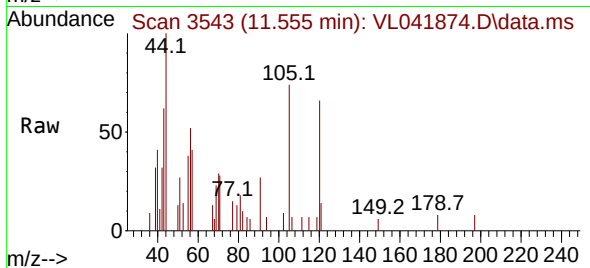
Tgt Ion: 91 Resp: 100

Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 30.0 4.8 7.2#



#67

sec-Butylbenzene

Concen: 0.001 ppbv

RT: 11.779 min Scan# 3612

Delta R.T. -0.010 min

Lab File: VL041874.D

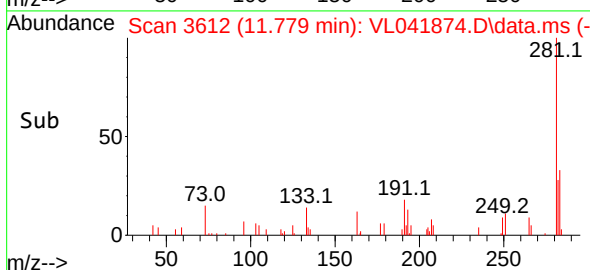
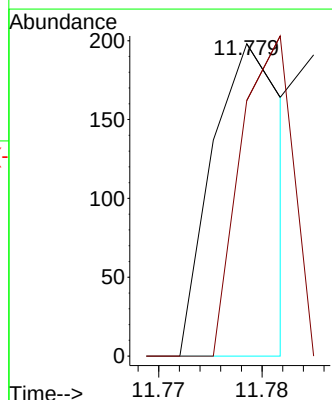
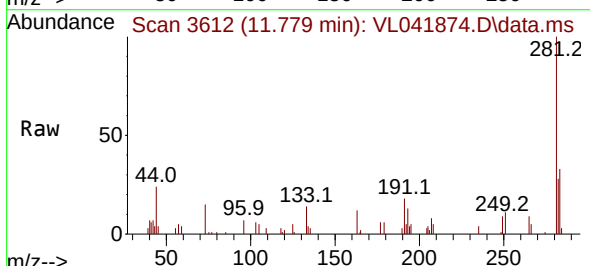
Acq: 09 Jan 2025 19:43

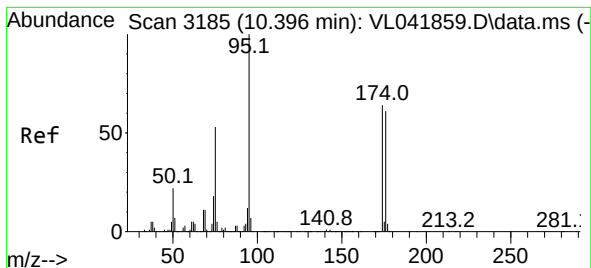
Tgt Ion: 105 Resp: 97

Ion Ratio Lower Upper

105 100

134 0.0 15.4 23.2#

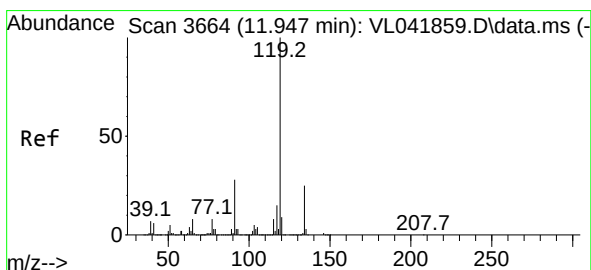
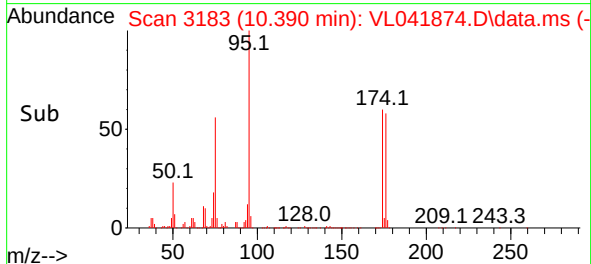
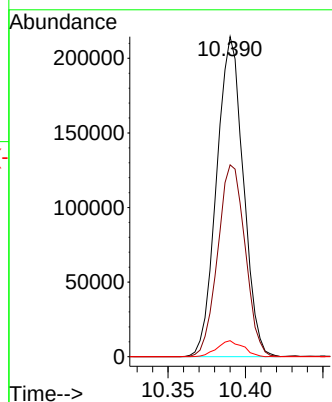
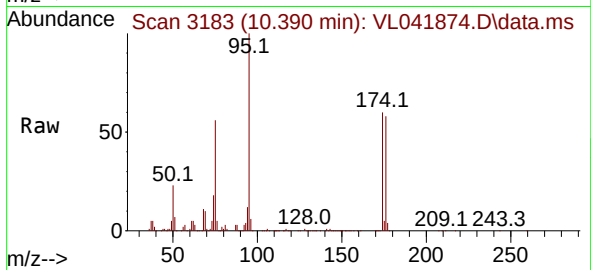




#68
1-Bromo-4-Fluorobenzene
Concen: 10.054 ppbv
RT: 10.390 min Scan# 3185
Delta R.T. -0.006 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

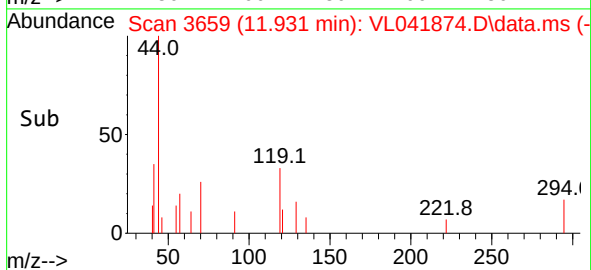
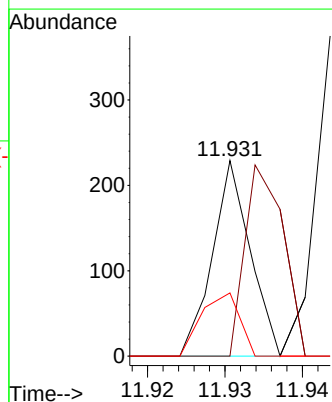
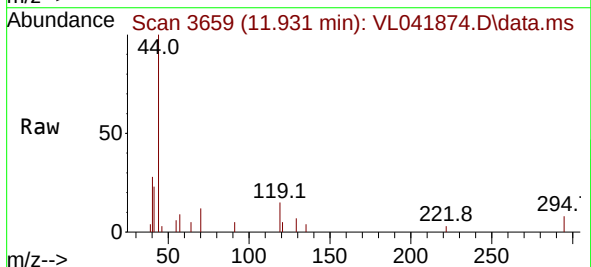
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

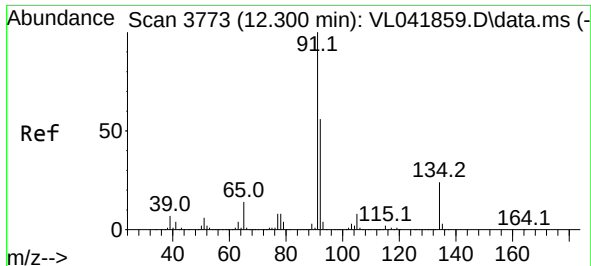
Tgt Ion: 95 Resp: 256988
Ion Ratio Lower Upper
95 100
174 61.7 51.1 76.7
175 4.9 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.001 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. -0.016 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 119 Resp: 78
Ion Ratio Lower Upper
119 100
134 98.7 20.3 30.5#
91 0.0 22.6 34.0#

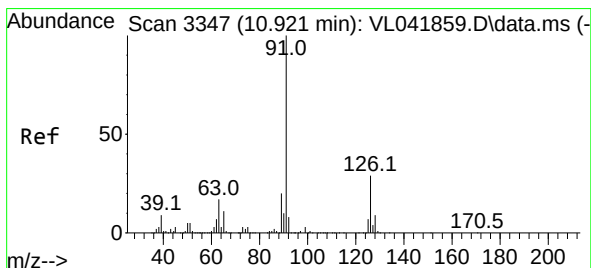
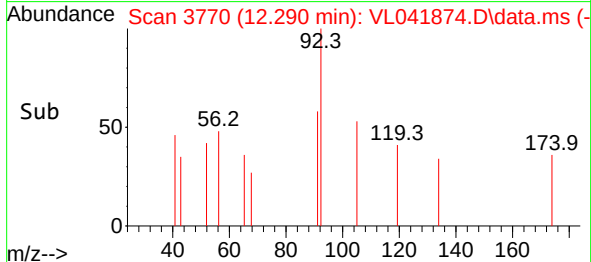
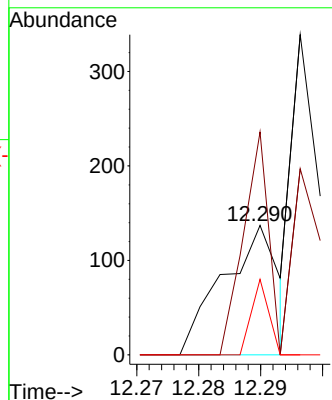
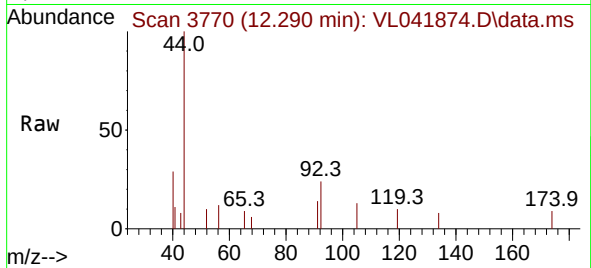




#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 12.290 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

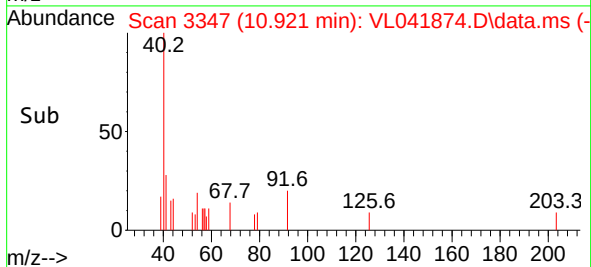
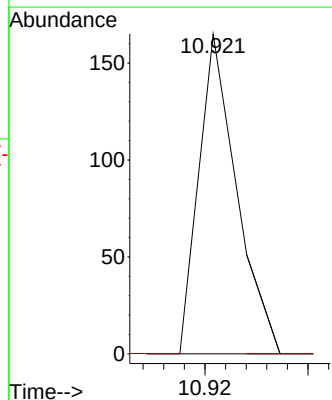
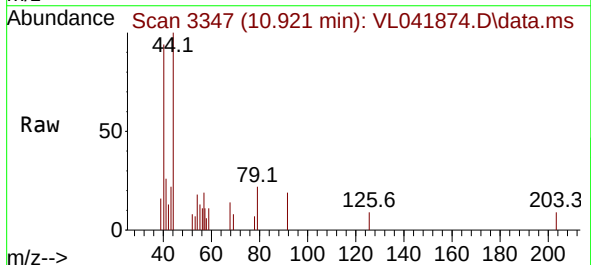
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

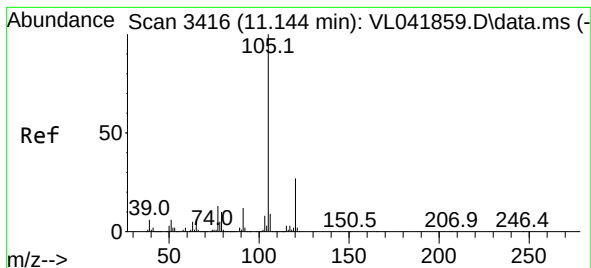
Tgt Ion: 91 Resp: 85
Ion Ratio Lower Upper
91 100
92 150.6 43.8 65.8#
134 0.0 19.3 28.9#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.000 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion: 91 Resp: 42
Ion Ratio Lower Upper
91 100
126 0.0 11.6 46.6#





#72

4-Ethyltoluene

Concen: 0.003 ppbv

RT: 11.134 min Scan# 3416

Delta R.T. -0.010 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

Tgt Ion:105 Resp: 180

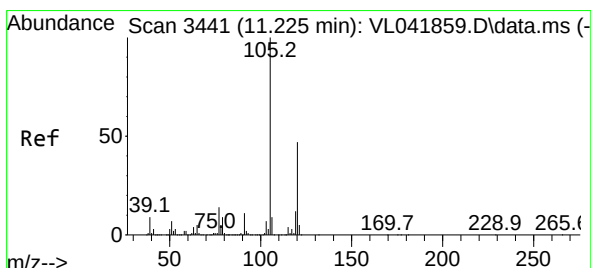
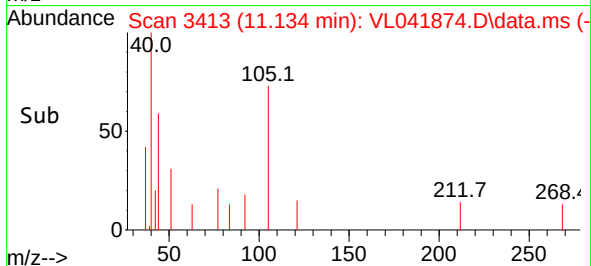
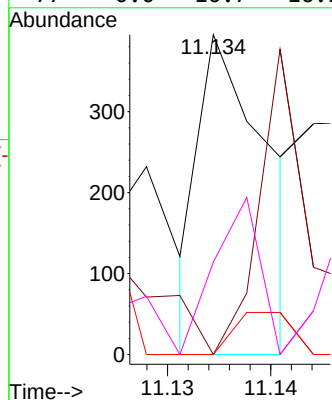
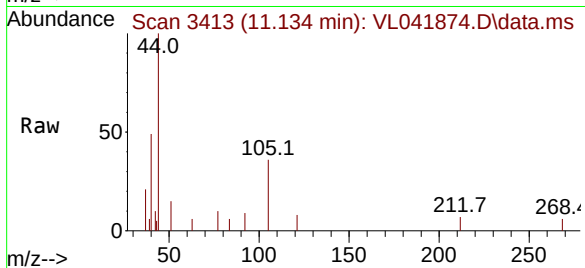
Ion Ratio Lower Upper

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: 0.006 ppbv

RT: 11.222 min Scan# 3440

Delta R.T. -0.003 min

Lab File: VL041874.D

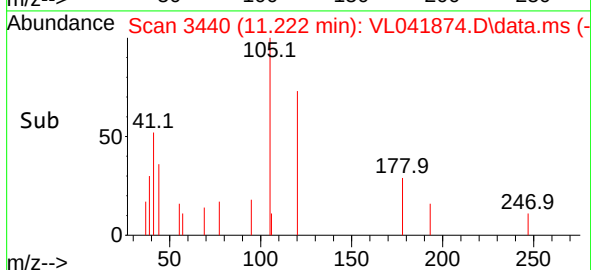
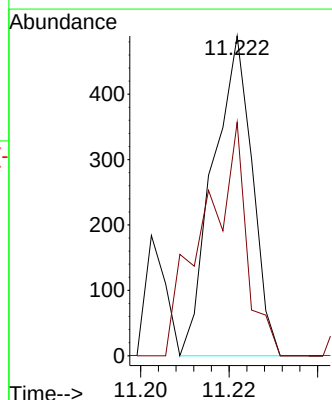
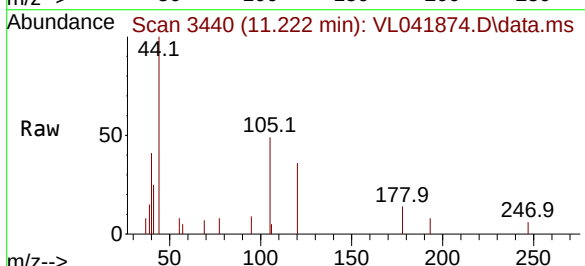
Acq: 09 Jan 2025 19:43

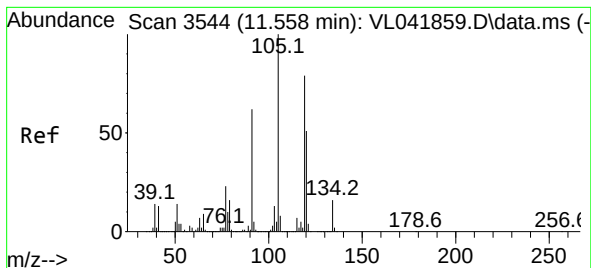
Tgt Ion:105 Resp: 301

Ion Ratio Lower Upper

105 100

120 73.0 37.2 55.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.026 ppbv

RT: 11.549 min Scan# 3544

Delta R.T. -0.010 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

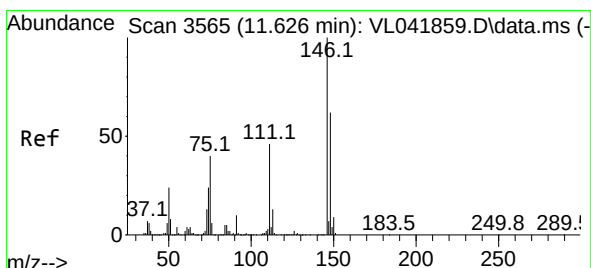
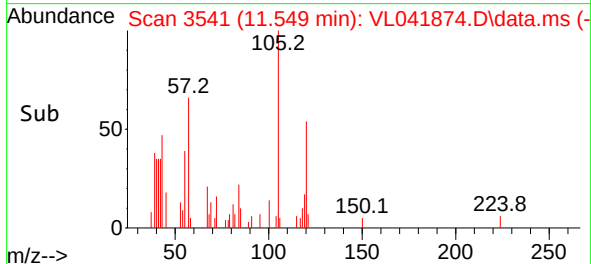
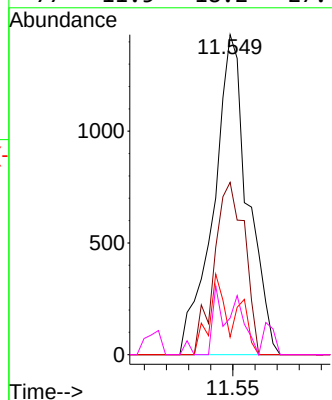
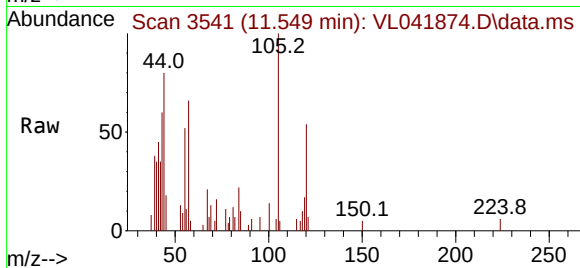
Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

Tgt Ion:	105	Resp:	1544
Ion	Ratio	Lower	Upper
105	100		
120	53.8	41.1	61.7
91	5.5	50.0	75.0#
77	11.5	18.2	27.4#



#75

1,3-Dichlorobenzene

Concen: 0.002 ppbv

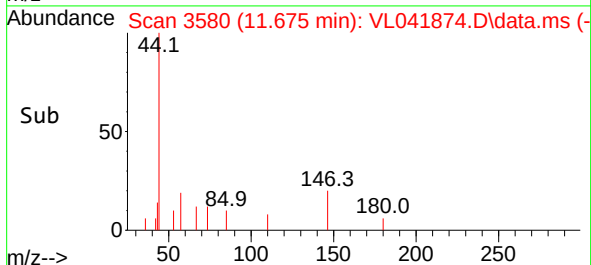
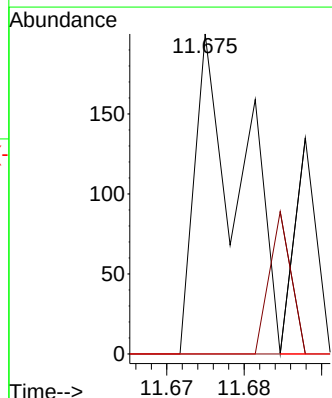
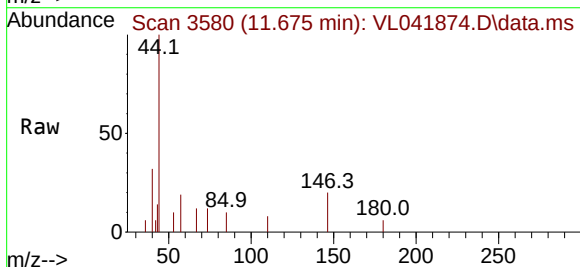
RT: 11.675 min Scan# 3580

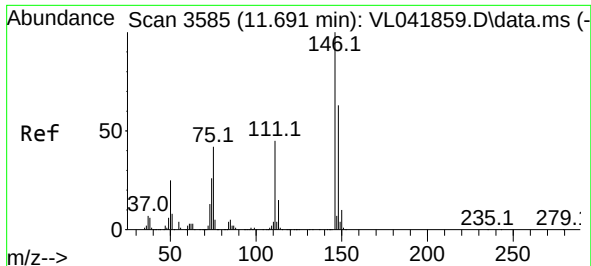
Delta R.T. 0.049 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Tgt Ion:	146	Resp:	83
Ion	Ratio	Lower	Upper
146	100		
111	156.6	23.2	69.5#
148	0.0	31.6	94.7#

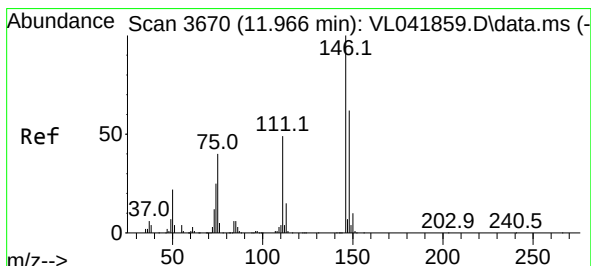
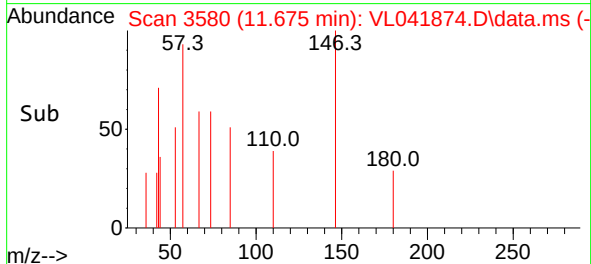
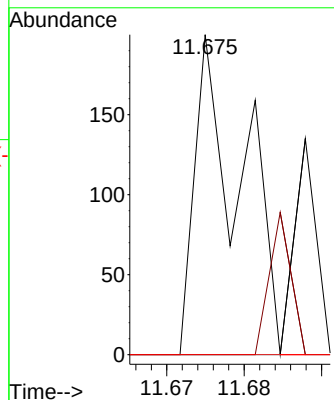
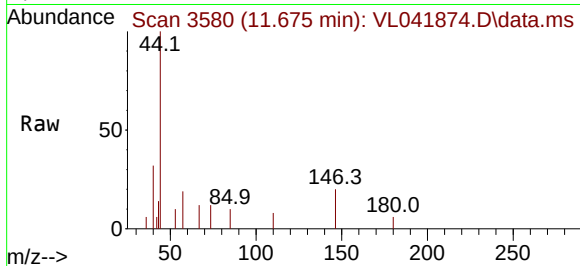




#76
1,4-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.675 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

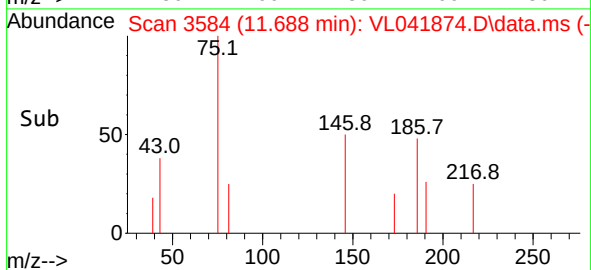
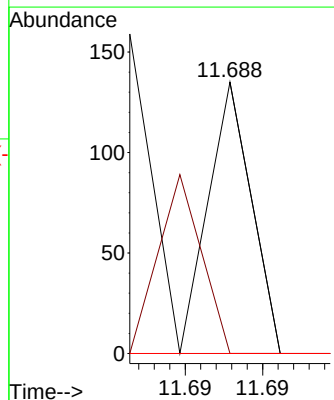
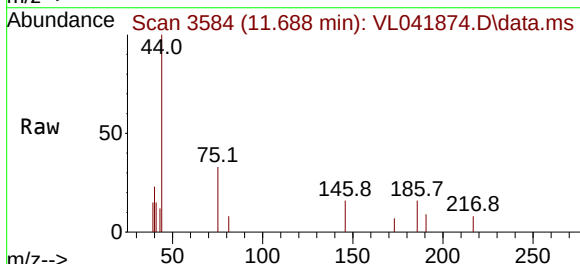
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

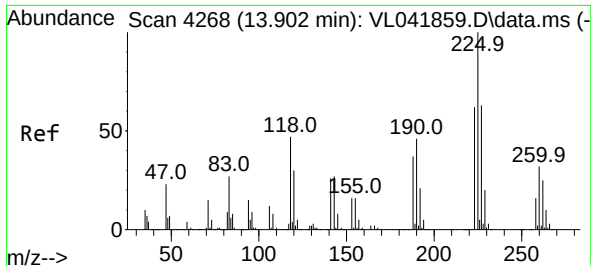
Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 89.2 22.1 66.1#
148 0.0 31.2 93.6#



#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. -0.278 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion:146 Resp: 26
Ion Ratio Lower Upper
146 100
111 492.3 24.1 72.3#
148 0.0 31.5 94.5#

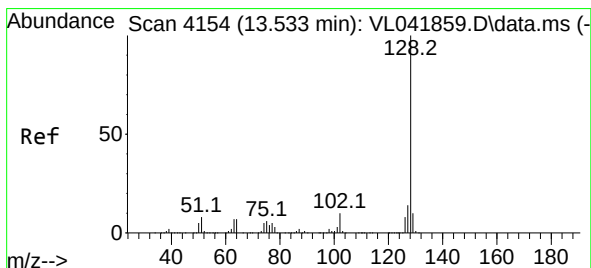
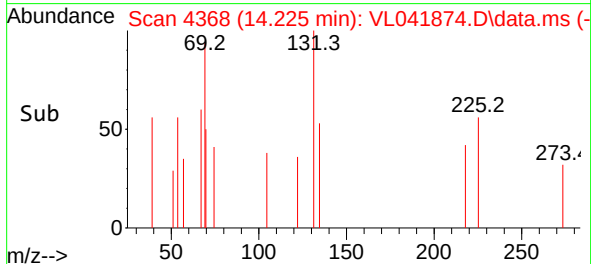
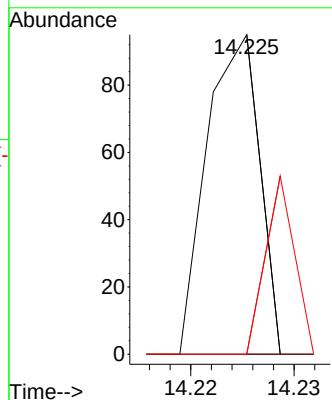
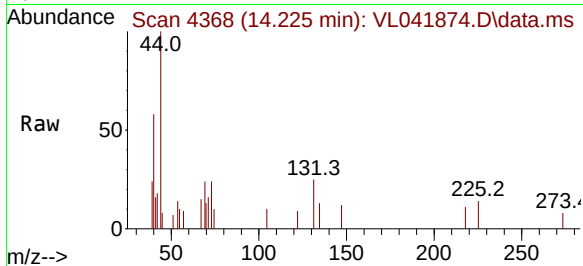




#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 14.225 min Scan# 41
Delta R.T. 0.324 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

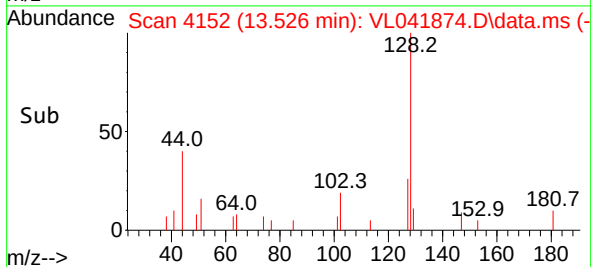
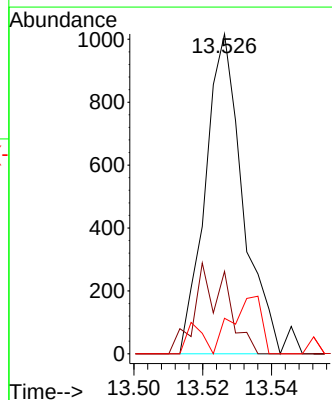
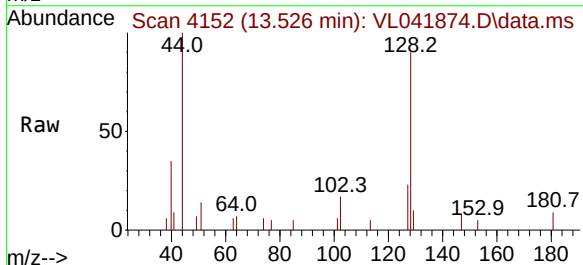
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT AIR

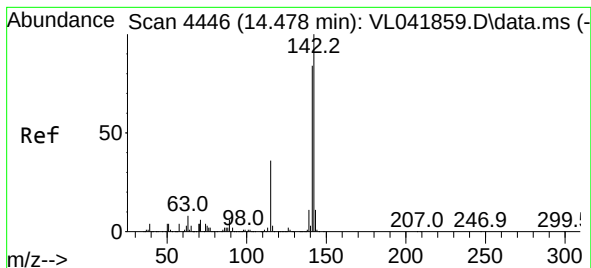
Tgt Ion:225 Resp: 34
Ion Ratio Lower Upper
225 100
223 32.4 50.6 75.8#
227 29.4 50.9 76.3#



#79
Naphthalene
Concen: 0.012 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.006 min
Lab File: VL041874.D
Acq: 09 Jan 2025 19:43

Tgt Ion:128 Resp: 767
Ion Ratio Lower Upper
128 100
127 25.8 10.8 16.2#
129 11.1 8.2 12.4





#80

Naphthalene, 2-methyl-

Concen: 0.006 ppbv

RT: 14.484 min Scan# 4448

Delta R.T. 0.007 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT AIR

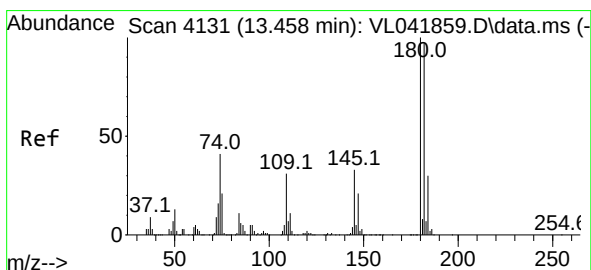
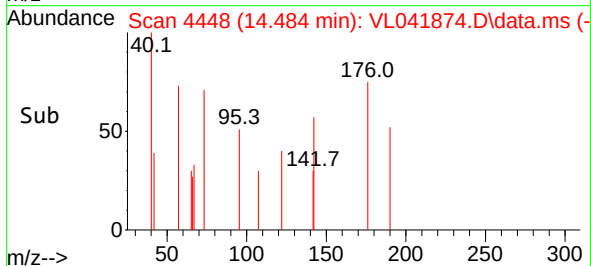
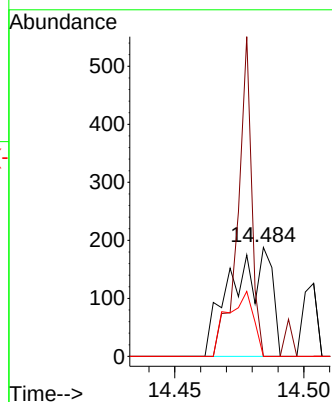
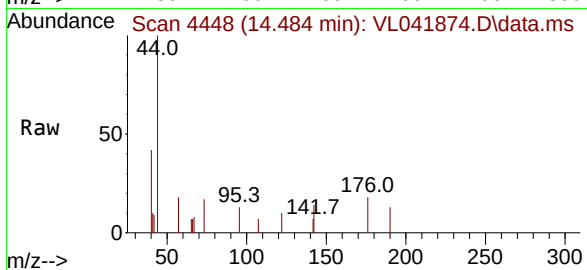
Tgt Ion:142 Resp: 202

Ion Ratio Lower Upper

142 100

141 108.4 68.2 102.4#

115 39.1 29.4 44.2



#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 13.442 min Scan# 4126

Delta R.T. -0.016 min

Lab File: VL041874.D

Acq: 09 Jan 2025 19:43

Tgt Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 75.8 113.8#

184 0.0 24.1 36.1#

