

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041851.D
 Acq On : 07 Jan 2025 19:05
 Operator : SY/MD
 Sample : Q1031-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:57:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	81088	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	178085	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	183102	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	164947	10.518	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	3107	0.234	ppbv	98
3) Chlorodifluoromethane	1.479	51	2826	0.222	ppbv	93
4) Chloromethane	1.534	50	1167	0.213	ppbv #	59
5) Vinyl Chloride	1.651	62	256	0.046	ppbv #	8
7) Chloroethane	1.709	64	191	0.090	ppbv #	77
9) Propene	1.563	41	13701	3.096	ppbv	85
10) Heptane	4.997	43	5065	0.463	ppbv	98
11) Trichlorofluoromethane	1.881	101	1951	0.144	ppbv #	79
12) 1,1,2-Trichlorotrifluo...	2.149	101	442	0.044	ppbv #	46
13) Ethanol	1.725	45	3184	5.476	ppbv #	38
15) Acetone	1.838	43	54741	3.667	ppbv	97
16) 1,3-Butadiene	1.602	39	5397	0.922	ppbv #	29
19) Isopropyl Alcohol	1.890	45	2170	0.310	ppbv #	1
20) Methylene Chloride	2.068	84	1866	0.437	ppbv #	77
21) Allyl Chloride	2.049	41	377	0.049	ppbv #	59
23) Vinyl Acetate	2.460	43	3899	0.840	ppbv #	92
25) Ethyl Acetate	2.835	43	22443	0.896	ppbv #	80
26) Hexane	2.835	57	29745	3.423	ppbv #	29
27) Carbon Disulfide	2.156	76	4672	0.567	ppbv #	4
29) Chloroform	2.855	83	42132	2.610	ppbv	100
34) 2-Butanone	2.567	43	12723	0.907	ppbv	100
35) Carbon Tetrachloride	3.774	117	689	0.051	ppbv	96
36) Benzene	3.670	78	3143	0.185	ppbv	96
39) 1,2-Dichloropropane	3.971	63	49849	7.575	ppbv #	17
41) Tetrahydrofuran	3.088	42	231	0.035	ppbv #	45
51) 2-Hexanone	7.457	43	1363	0.111	ppbv #	35
52) Tetrachloroethene	8.234	164	7190	1.425	ppbv #	84
53) Toluene	6.952	91	6993	0.462	ppbv #	1
59) m/p-Xylene	9.564	91	1543	0.070	ppbv #	30
60) o-Xylene	9.969	91	5379	0.251	ppbv	93
63) 1,1,2,2-Tetrachloroethane	9.953	83	1365	0.073	ppbv #	30
65) tert-Butylbenzene	11.539	119	976	0.032	ppbv #	53
66) Benzyl Chloride	11.629	91	168	0.066	ppbv #	69
71) 2-Chlorotoluene	10.995	91	2932	0.120	ppbv	84
72) 4-Ethyltoluene	11.137	105	1070	0.041	ppbv #	61
73) 1,3,5-Trimethylbenzene	11.212	105	4304	0.190	ppbv #	83
74) 1,2,4-Trimethylbenzene	11.545	105	6914	0.263	ppbv #	66
79) Naphthalene	13.523	128	1148	0.059	ppbv #	52

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

Instrument :

MSVOA_L

ClientSampleId :

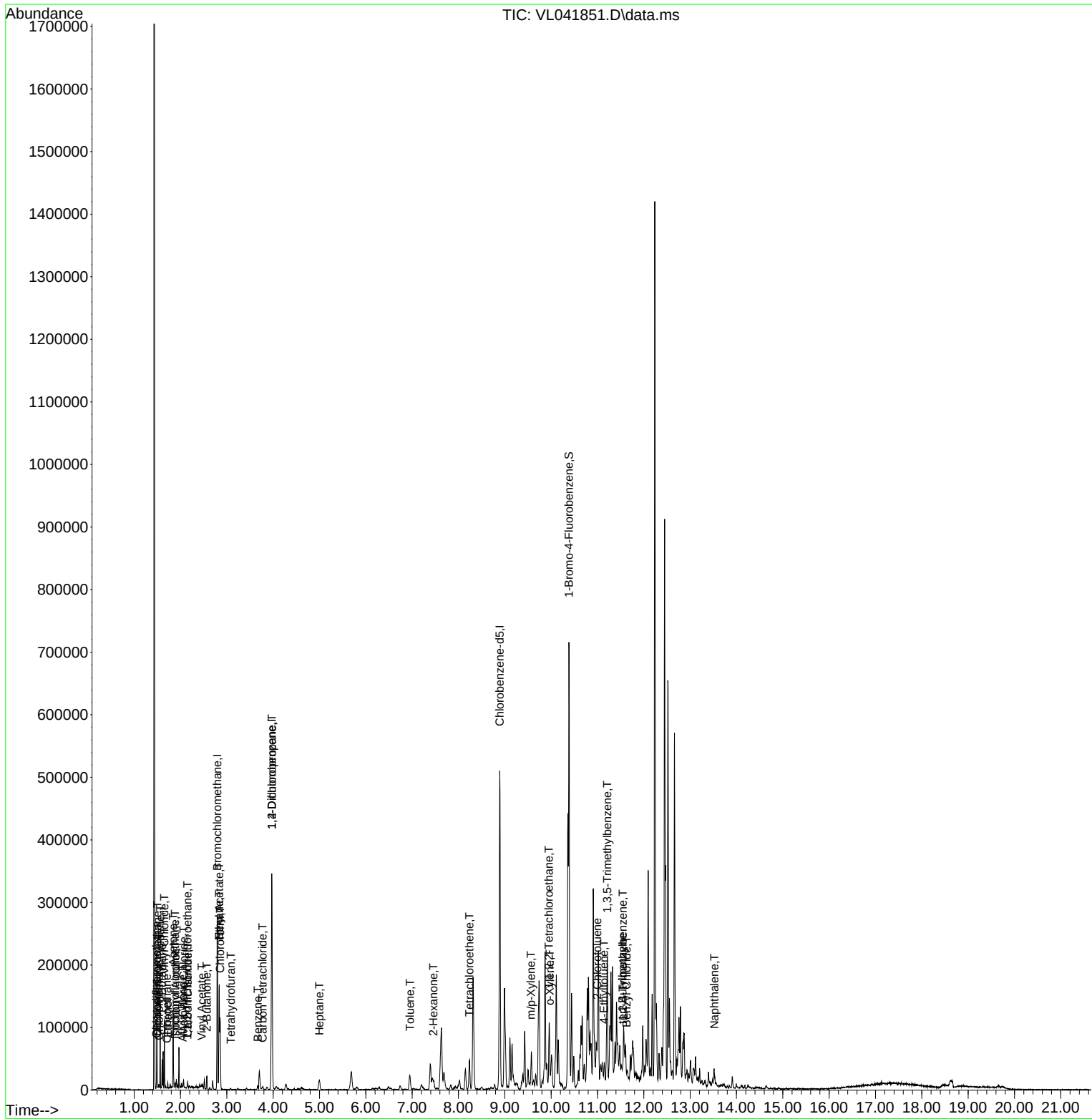
Quant Time: Jan 08 03:57:12 2025

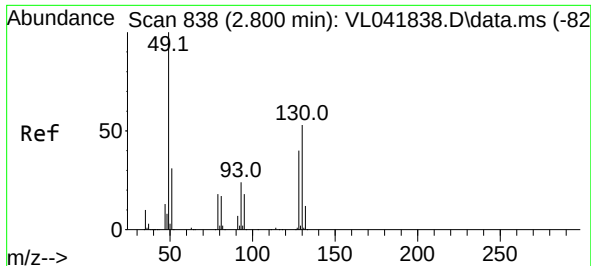
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

QLast Update : Wed Jan 08 03:26:12 2025

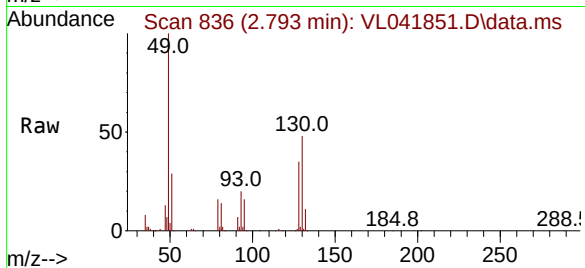
Response via : Initial Calibration



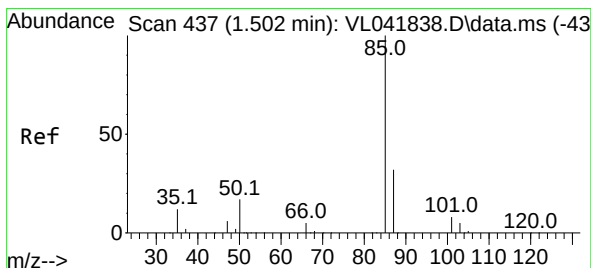
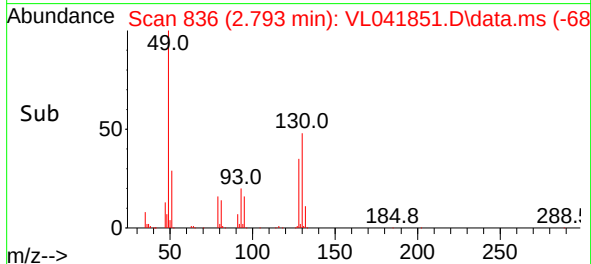
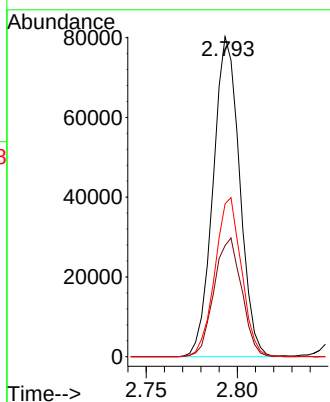


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

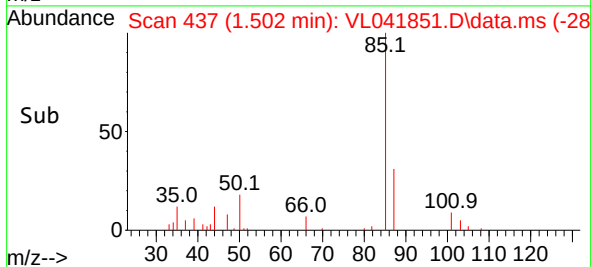
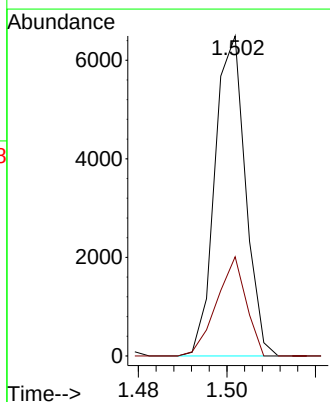
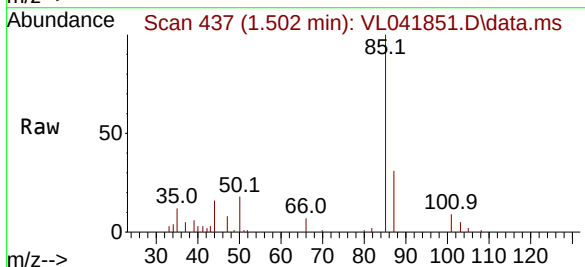


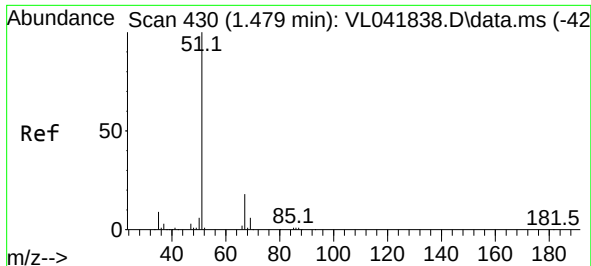
Tgt Ion: 49 Resp: 81088
Ion Ratio Lower Upper
49 100
128 38.7 19.7 59.1
130 49.7 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 0.234 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 85 Resp: 3107
Ion Ratio Lower Upper
85 100
87 31.0 25.6 38.4

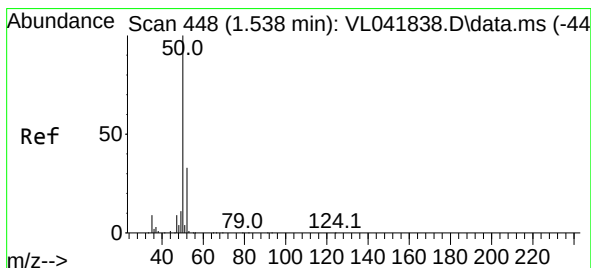
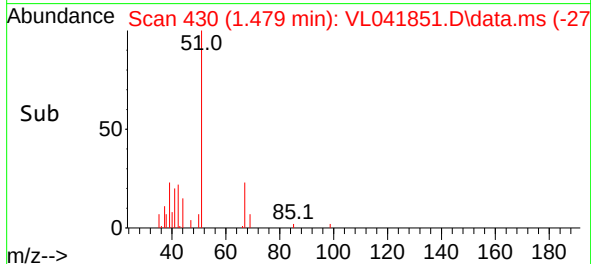
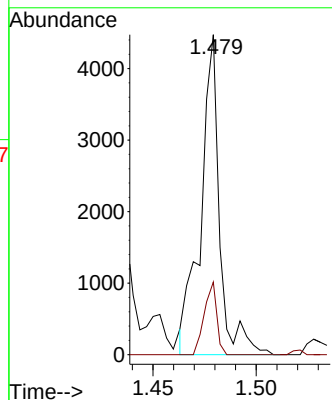
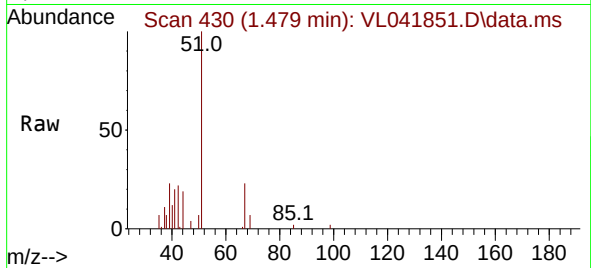




#3
Chlorodifluoromethane
Concen: 0.222 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

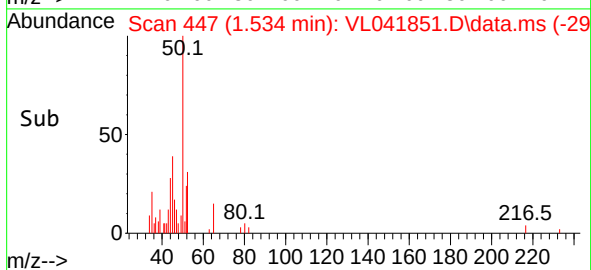
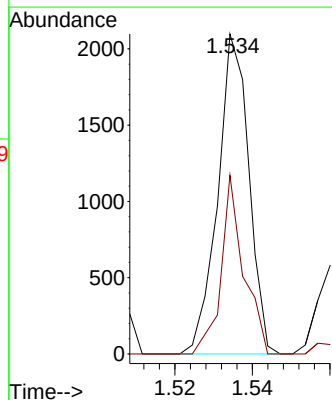
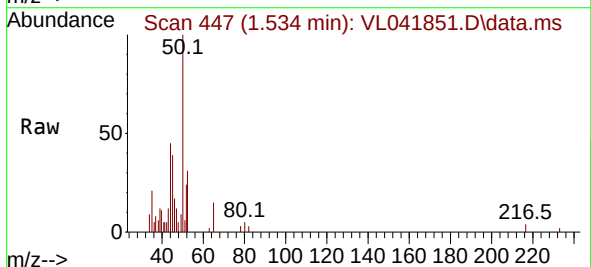
Instrument :
MSVOA_L
ClientSampleId :

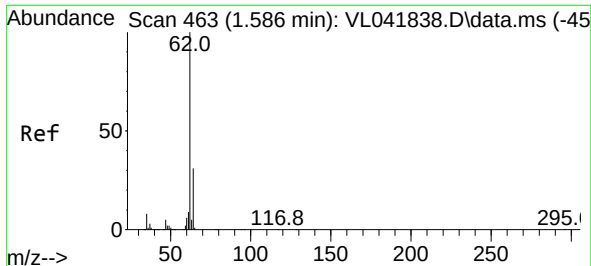
Tgt Ion: 51 Resp: 2826
Ion Ratio Lower Upper
51 100
67 15.0 14.6 22.0



#4
Chloromethane
Concen: 0.213 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 50 Resp: 1167
Ion Ratio Lower Upper
50 100
52 55.9 26.1 39.1#

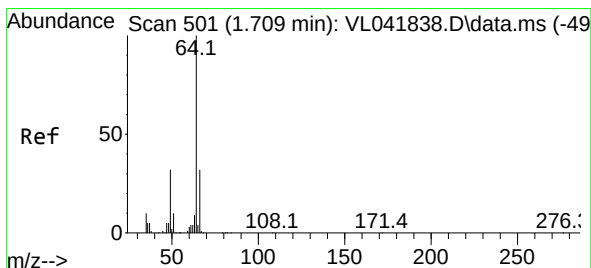
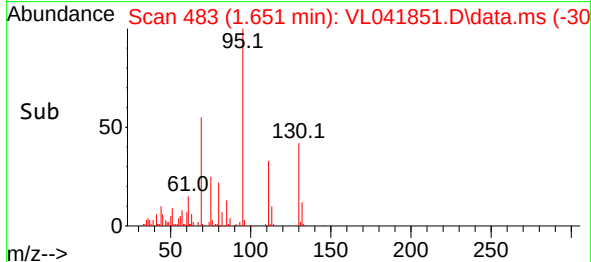
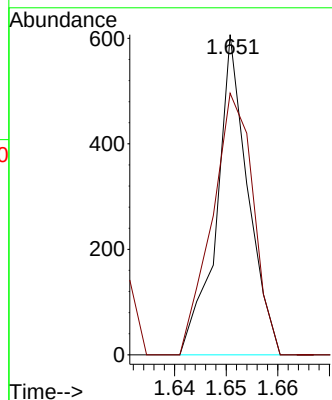
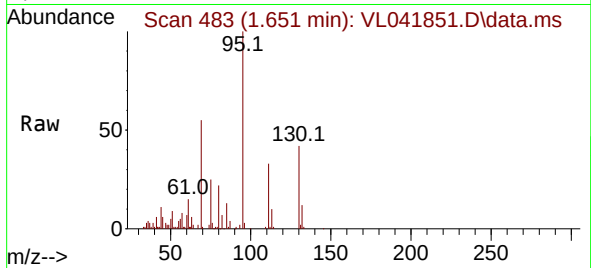




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 1.651 min Scan# 41
 Delta R.T. 0.065 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

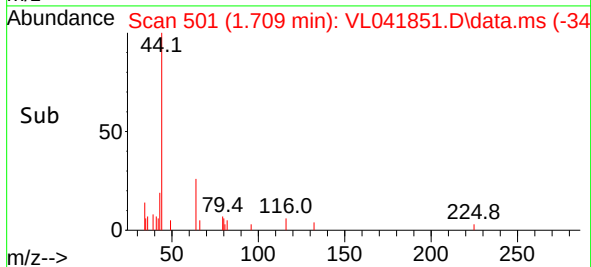
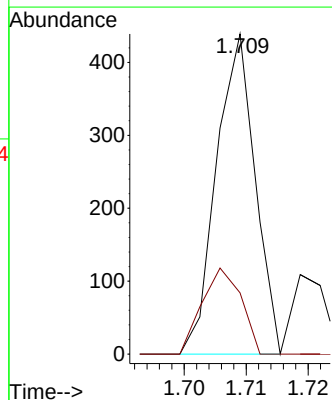
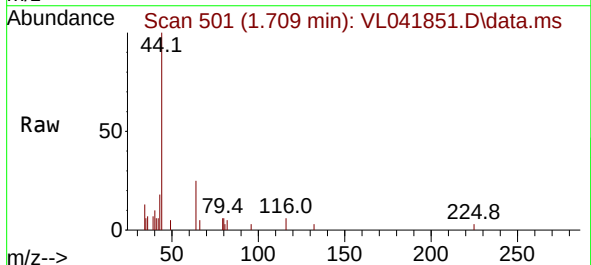
Instrument :
 MSVOA_L
 ClientSampleId :

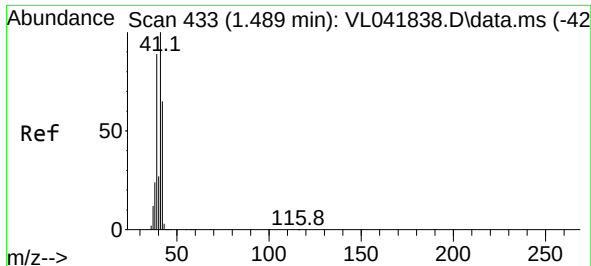
Tgt Ion: 62 Resp: 256
 Ion Ratio Lower Upper
 62 100
 64 81.7 24.9 37.3#



#7
 Chloroethane
 Concen: 0.090 ppbv
 RT: 1.709 min Scan# 501
 Delta R.T. -0.000 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

Tgt Ion: 64 Resp: 191
 Ion Ratio Lower Upper
 64 100
 66 19.1 25.6 38.4#





#9

Propene

Concen: 3.096 ppbv

RT: 1.563 min Scan# 41

Delta R.T. 0.074 min

Lab File: VL041851.D

Acq: 07 Jan 2025 19:05

Instrument :

MSVOA_L

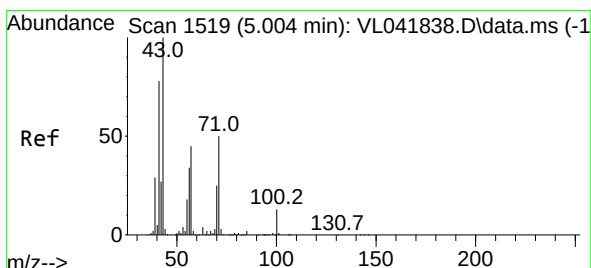
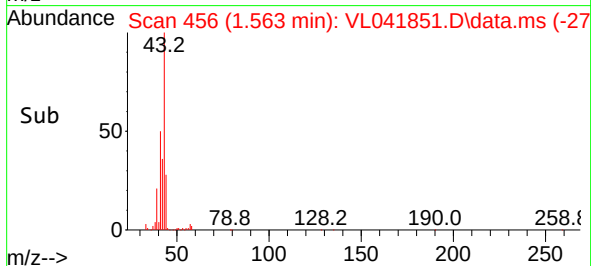
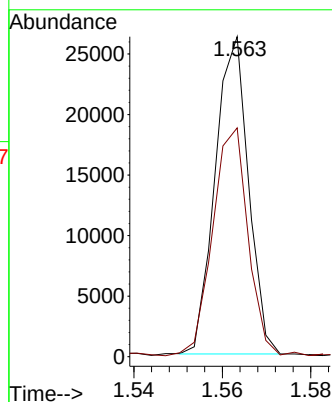
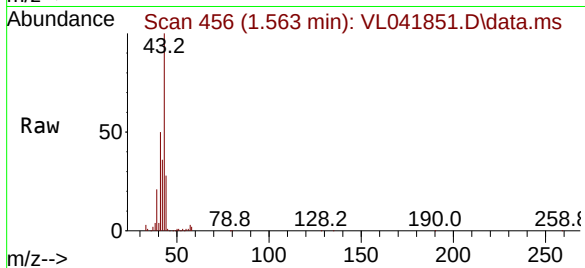
ClientSampleId :

Tgt Ion: 41 Resp: 13701

Ion Ratio Lower Upper

41 100

42 79.2 53.9 80.9



#10

Heptane

Concen: 0.463 ppbv

RT: 4.997 min Scan# 1517

Delta R.T. -0.007 min

Lab File: VL041851.D

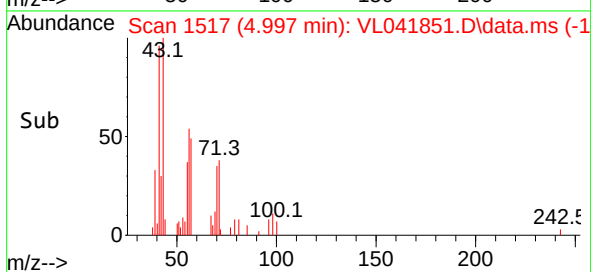
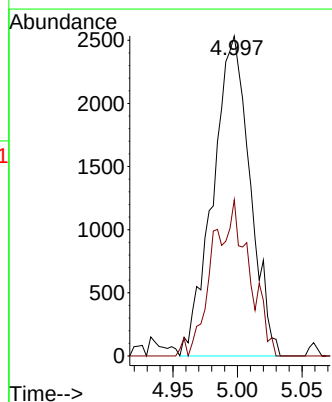
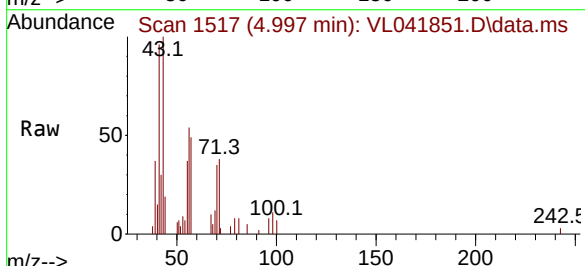
Acq: 07 Jan 2025 19:05

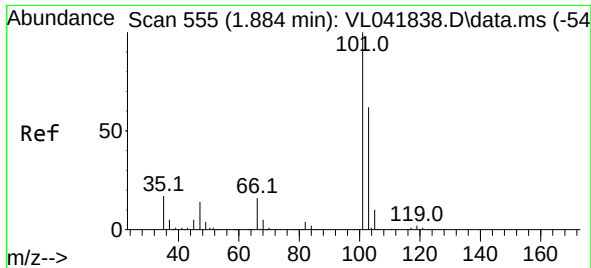
Tgt Ion: 43 Resp: 5065

Ion Ratio Lower Upper

43 100

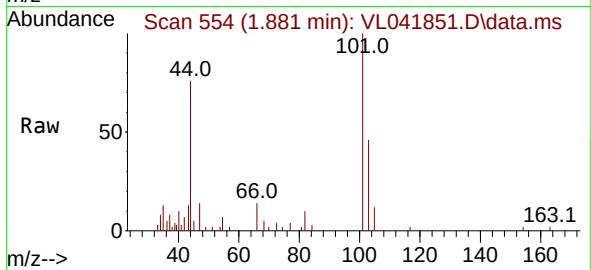
57 48.5 37.8 56.6



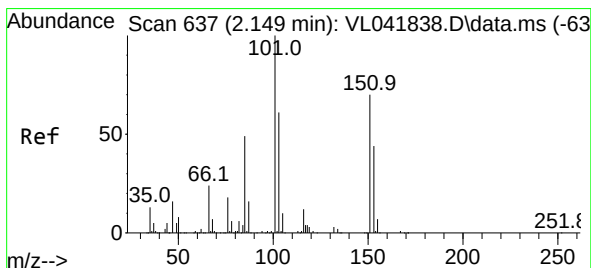
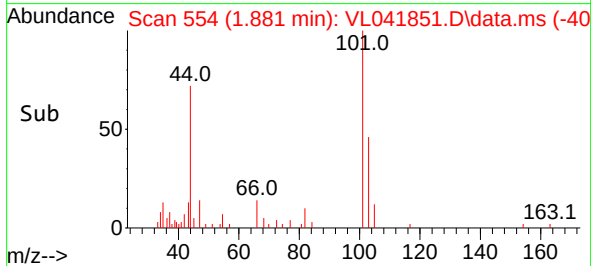
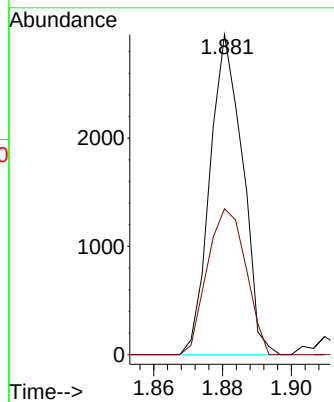


#11
 Trichlorofluoromethane
 Concen: 0.144 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

Instrument :
 MSVOA_L
 ClientSampleId :

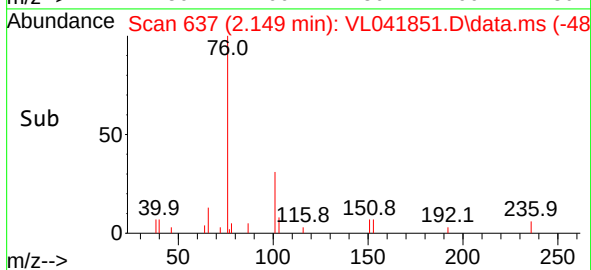
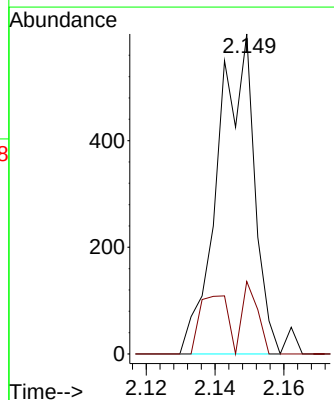
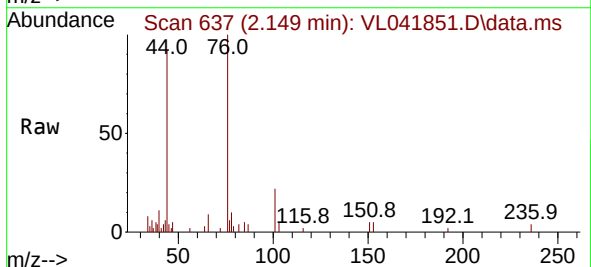


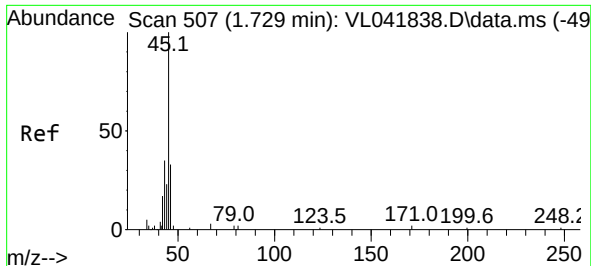
Tgt Ion:101 Resp: 1951
 Ion Ratio Lower Upper
 101 100
 103 45.6 49.4 74.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.044 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.000 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

Tgt Ion:101 Resp: 442
 Ion Ratio Lower Upper
 101 100
 151 23.5 53.2 79.8#

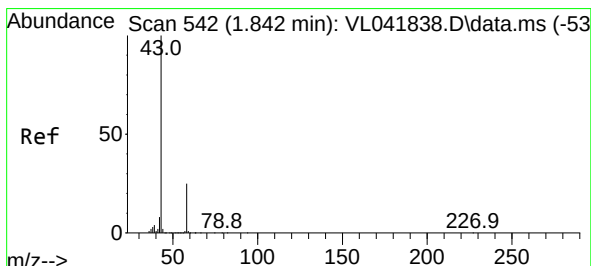
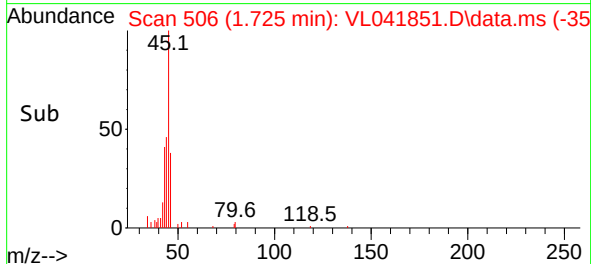
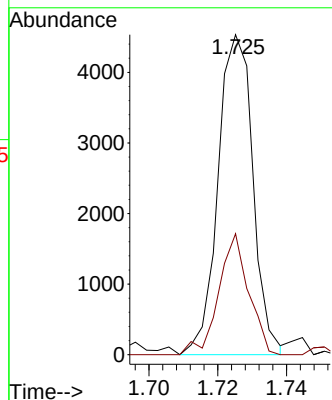
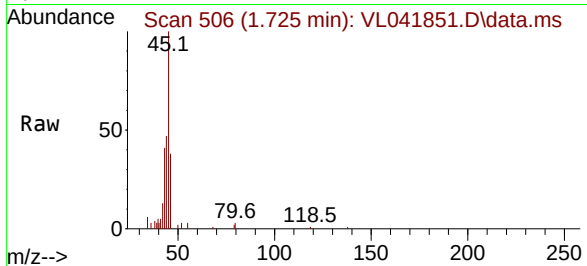




#13
 Ethanol
 Concen: 5.476 ppbv
 RT: 1.725 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

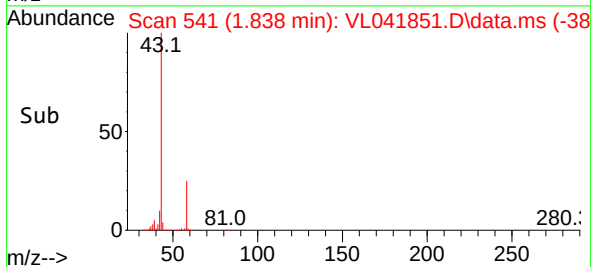
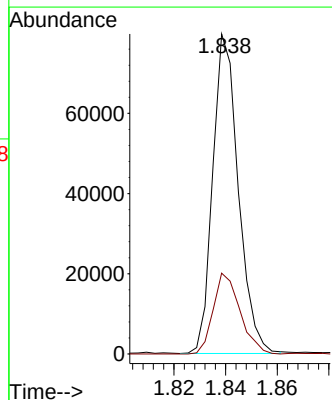
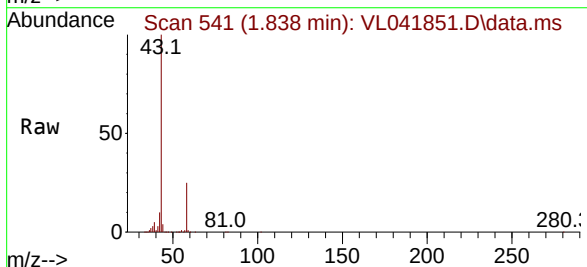
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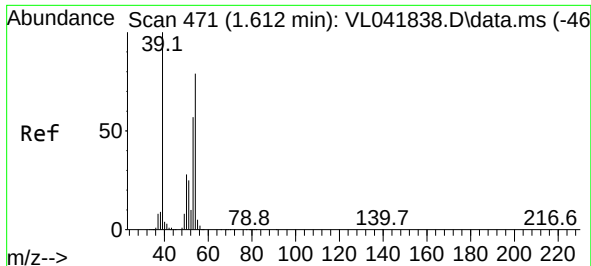
Tgt Ion: 45 Resp: 3184
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.6 58.2#



#15
 Acetone
 Concen: 3.667 ppbv
 RT: 1.838 min Scan# 541
 Delta R.T. -0.003 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

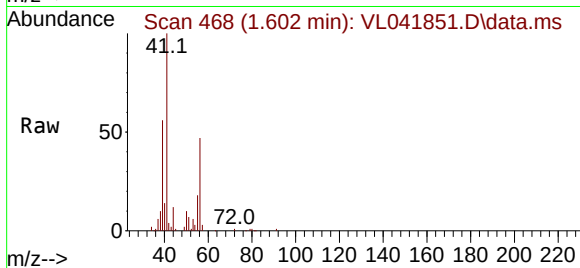
Tgt Ion: 43 Resp: 54741
 Ion Ratio Lower Upper
 43 100
 58 27.0 20.2 30.4



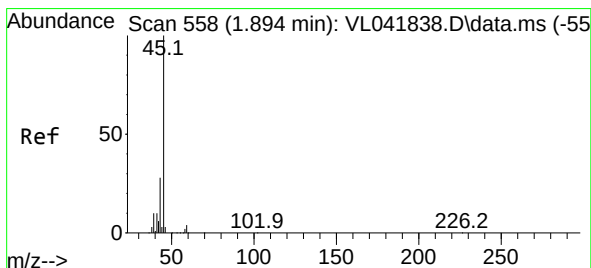
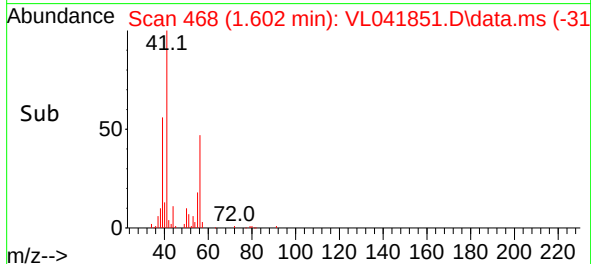
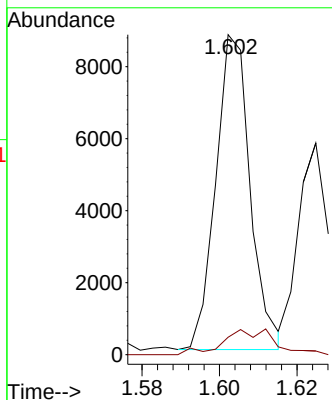


#16
1,3-Butadiene
Concen: 0.922 ppbv
RT: 1.602 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

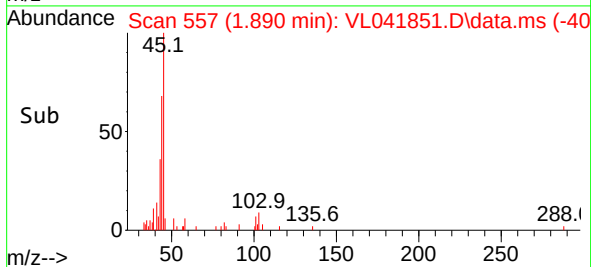
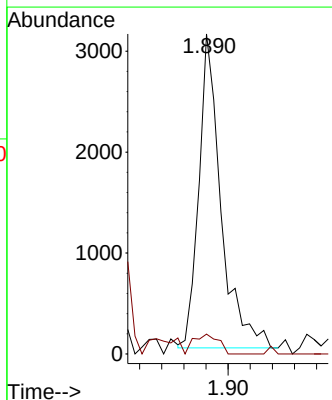
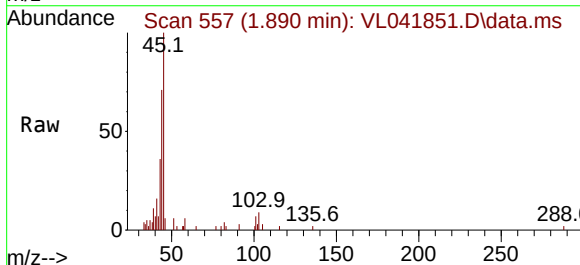


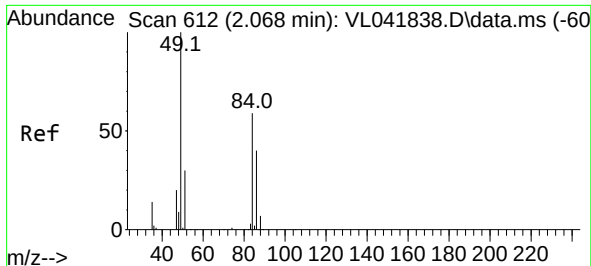
Tgt Ion: 39 Resp: 5397
Ion Ratio Lower Upper
39 100
54 12.1 56.2 84.4#



#19
Isopropyl Alcohol
Concen: 0.310 ppbv
RT: 1.890 min Scan# 557
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

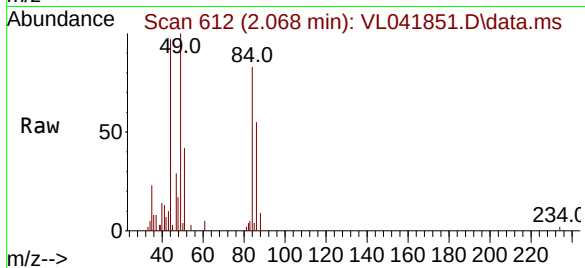
Tgt Ion: 45 Resp: 2170
Ion Ratio Lower Upper
45 100
58 680.9 2.1 3.1#



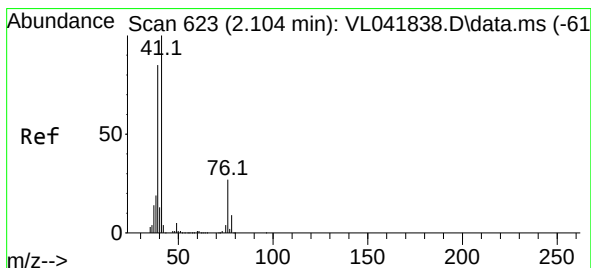
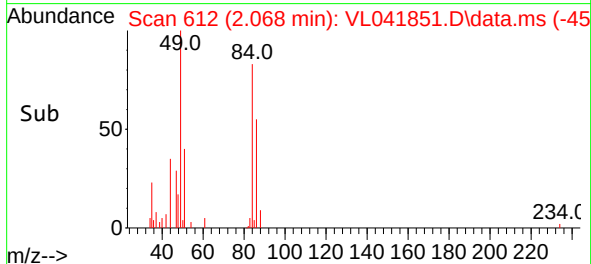
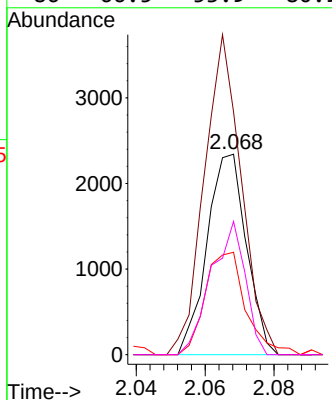


#20
Methylene Chloride
Concen: 0.437 ppbv
RT: 2.068 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

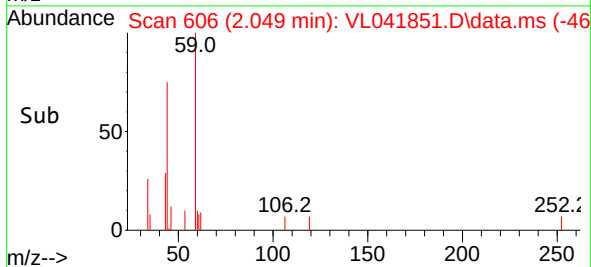
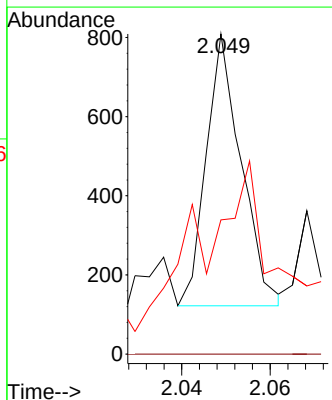
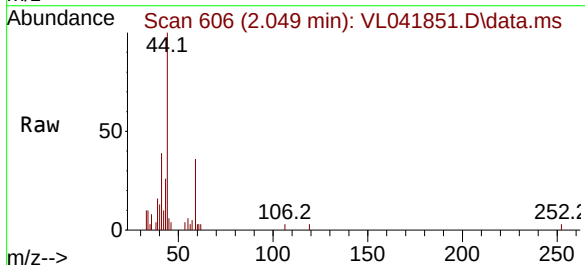


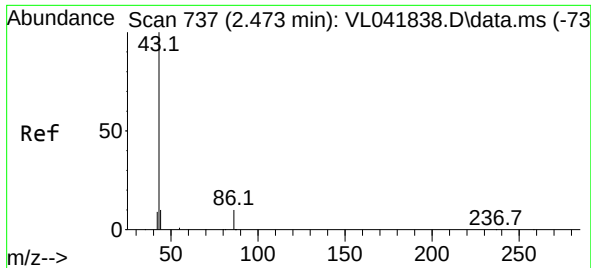
Tgt Ion: 84	Resp: 1866
Ion Ratio	Lower Upper
84 100	
49 121.1	137.8 206.8#
51 51.1	43.9 65.9
86 66.5	53.9 80.9



#21
Allyl Chloride
Concen: 0.049 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.055 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 41	Resp: 377		
Ion Ratio	Lower	Upper	
41 100			
76 0.0	20.6	31.0#	
39 118.0	67.0	100.6#	

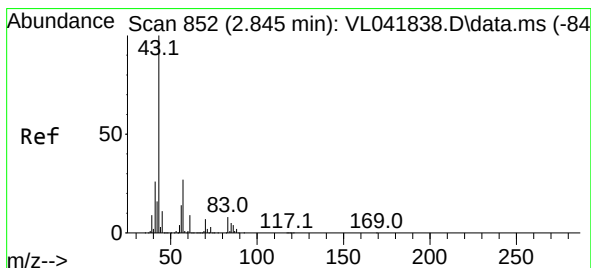
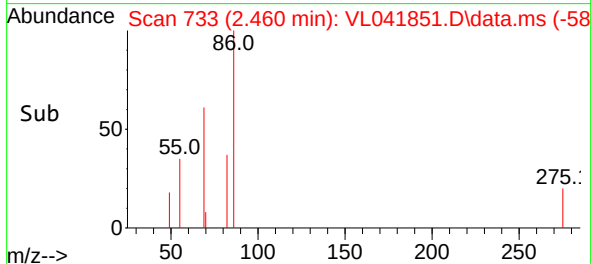
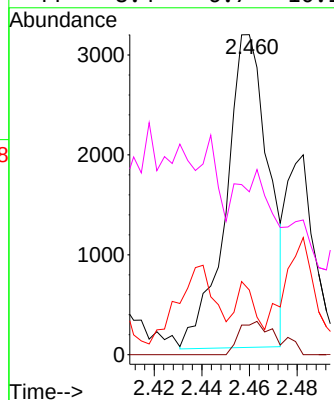
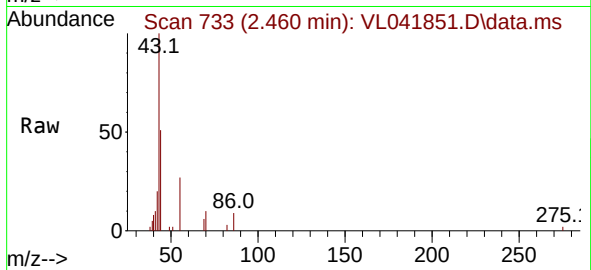




#23
 Vinyl Acetate
 Concen: 0.840 ppbv
 RT: 2.460 min Scan# 71
 Delta R.T. -0.013 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

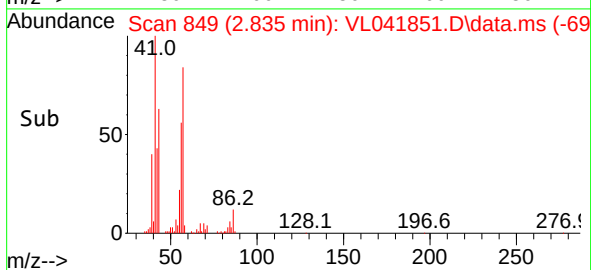
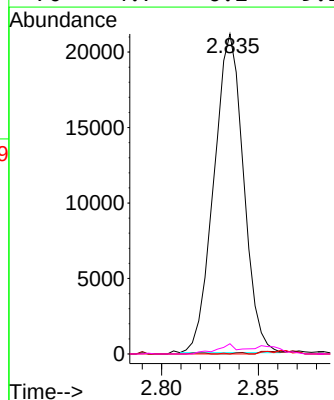
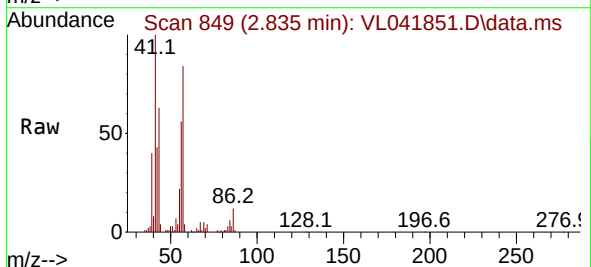
Instrument :
 MSVOA_L
 ClientSampleId :

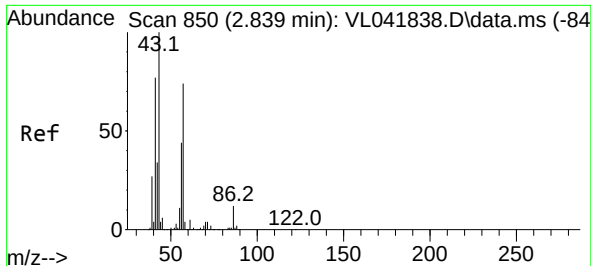
Tgt Ion: 43	Resp: 3899
Ion Ratio	Lower Upper
43 100	
86 9.5	6.4 9.6
42 5.4	9.5 14.3#
44 8.4	6.7 10.1



#25
 Ethyl Acetate
 Concen: 0.896 ppbv
 RT: 2.835 min Scan# 849
 Delta R.T. -0.010 min
 Lab File: VL041851.D
 Acq: 07 Jan 2025 19:05

Tgt	Ion: 43	Resp:	22443
Ion	Ratio	Lower	Upper
43	100		
45	0.2	7.8	11.8#
61	0.0	7.0	10.6#
70	4.7	6.2	9.2#

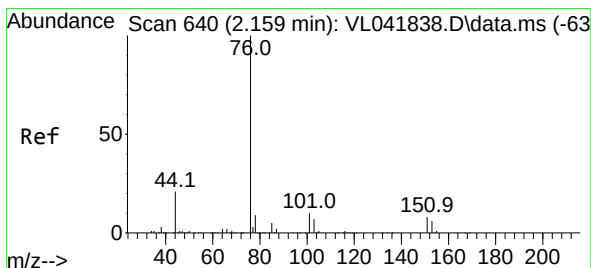
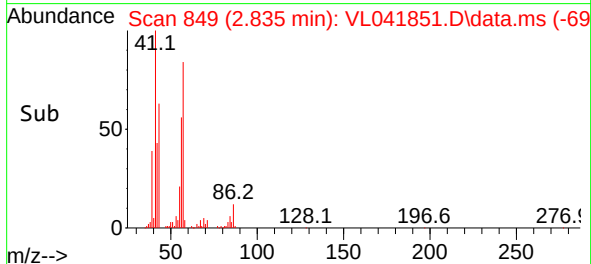
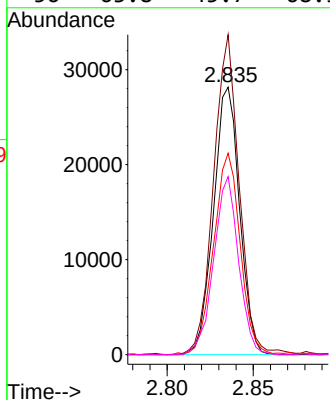
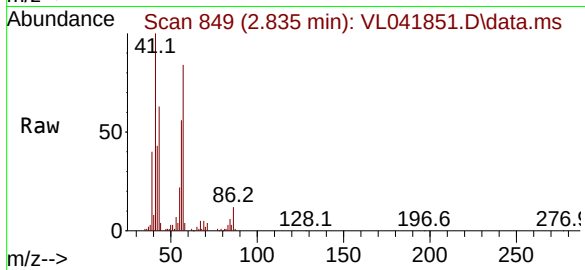




#26
Hexane
Concen: 3.423 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

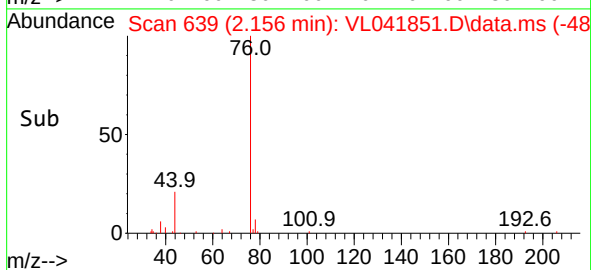
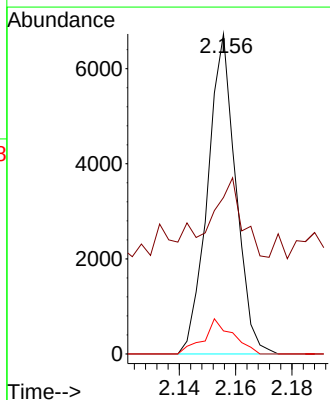
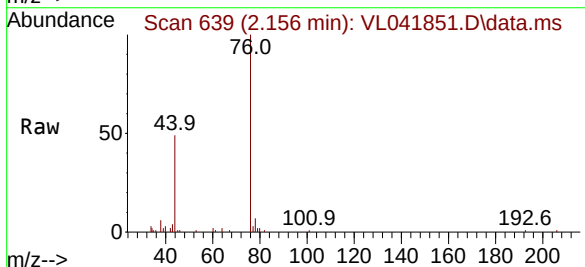
Instrument :
MSVOA_L
ClientSampleId :

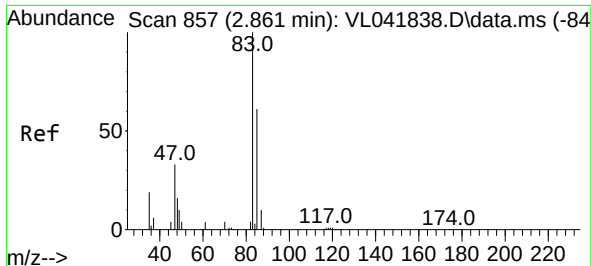
Tgt Ion:	57	Resp:	29745
Ion	Ratio	Lower	Upper
57	100		
41	118.2	84.0	126.0
43	77.6	218.4	327.6#
56	63.8	45.7	68.5



#27
Carbon Disulfide
Concen: 0.567 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion:	76	Resp:	4672
Ion	Ratio	Lower	Upper
76	100		
44	95.9	19.8	29.8#
78	11.3	9.8	14.8





#29

Chloroform

Concen: 2.610 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL041851.D

Acq: 07 Jan 2025 19:05

Instrument :

MSVOA_L

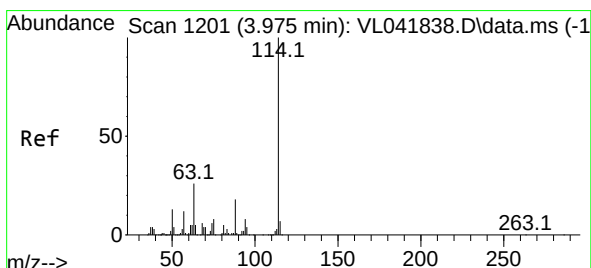
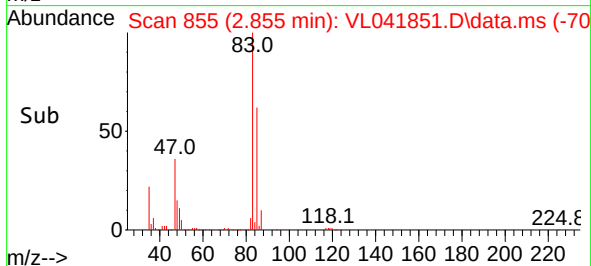
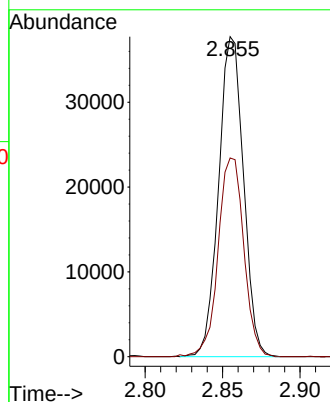
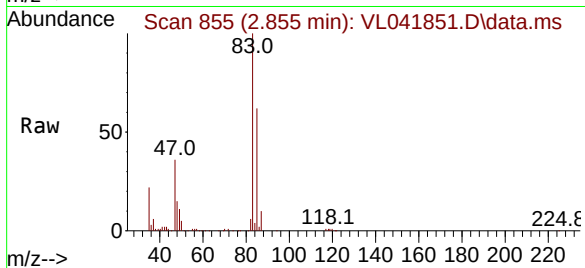
ClientSampleId :

Tgt Ion: 83 Resp: 42132

Ion Ratio Lower Upper

83 100

85 62.1 49.6 74.4



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1200

Delta R.T. -0.003 min

Lab File: VL041851.D

Acq: 07 Jan 2025 19:05

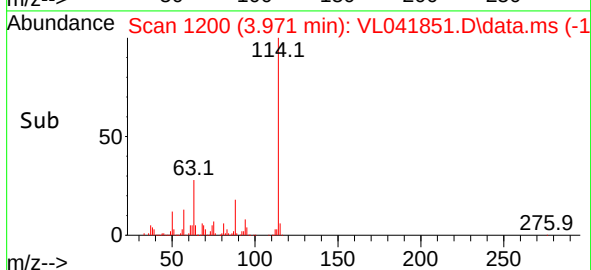
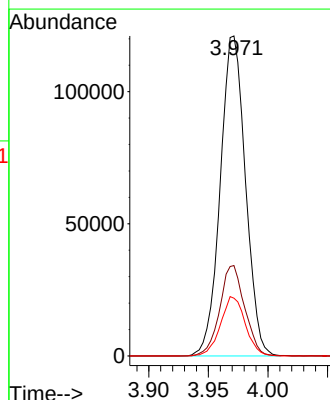
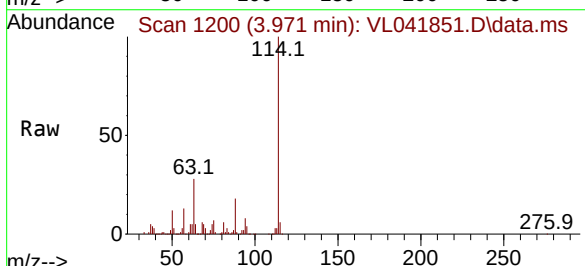
Tgt Ion: 114 Resp: 178085

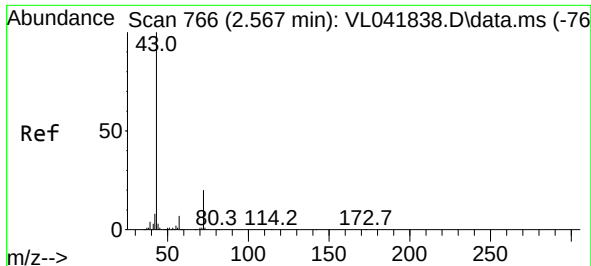
Ion Ratio Lower Upper

114 100

63 28.0 22.3 33.5

88 18.2 14.9 22.3

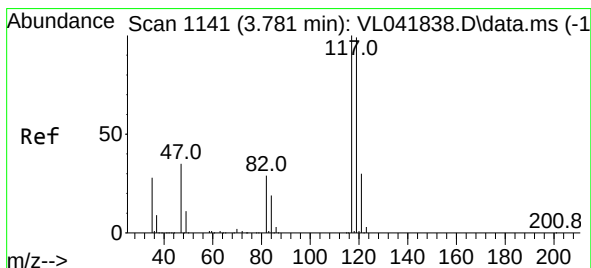
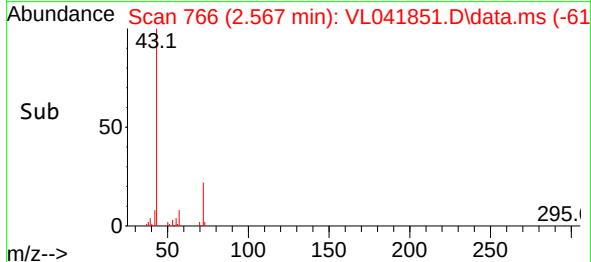
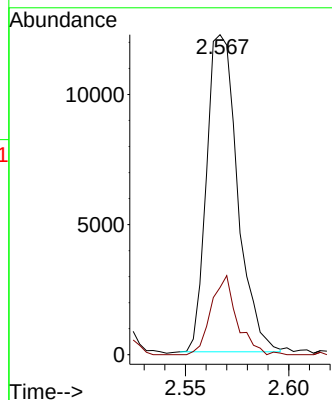
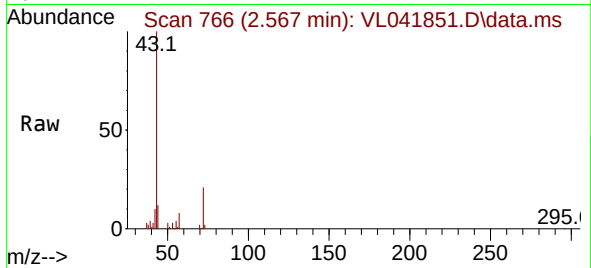




#34
2-Butanone
Concen: 0.907 ppbv
RT: 2.567 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

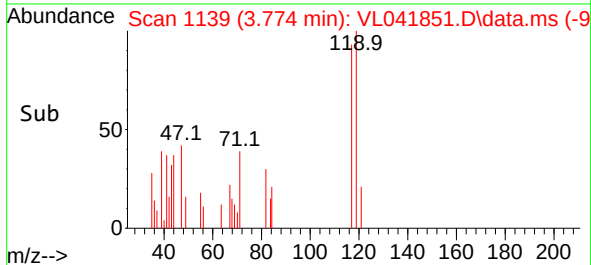
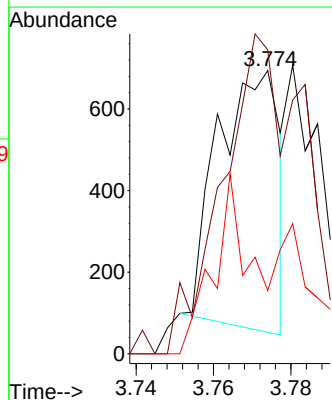
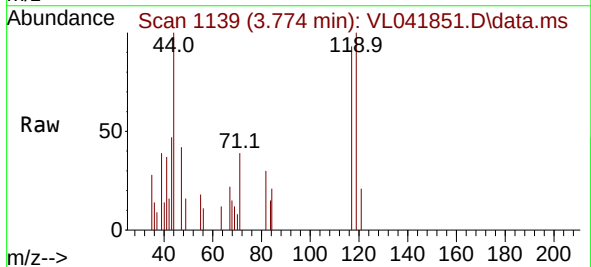
Instrument :
MSVOA_L
ClientSampleId :

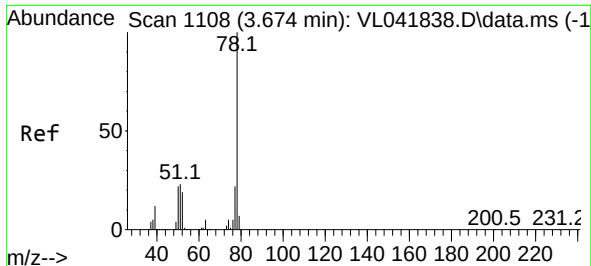
Tgt Ion: 43 Resp: 12723
Ion Ratio Lower Upper
43 100
72 20.8 16.6 25.0



#35
Carbon Tetrachloride
Concen: 0.051 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 117 Resp: 689
Ion Ratio Lower Upper
117 100
119 96.0 79.1 118.7
121 26.1 24.2 36.2

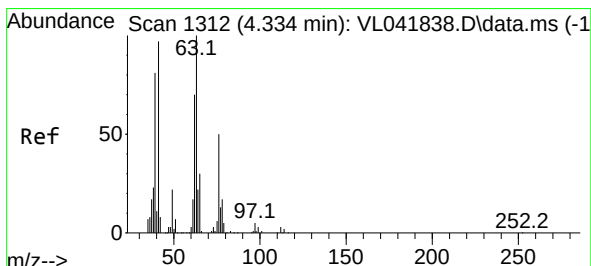
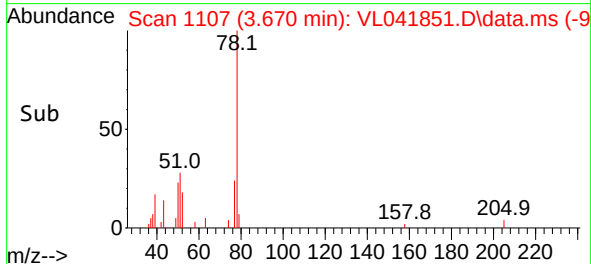
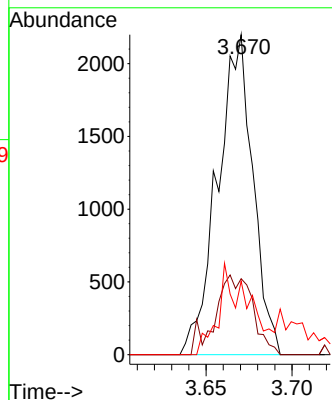
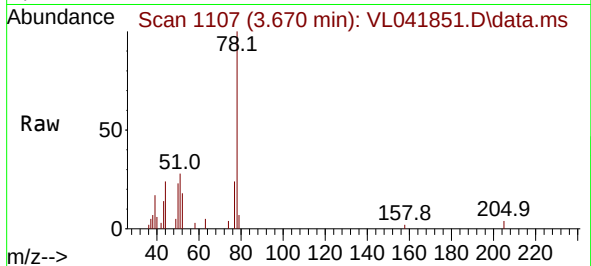




#36
Benzene
Concen: 0.185 ppbv
RT: 3.670 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

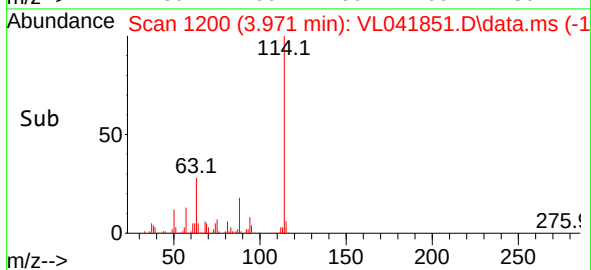
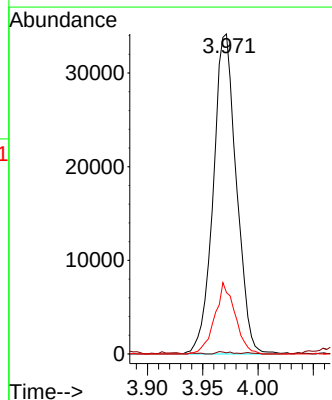
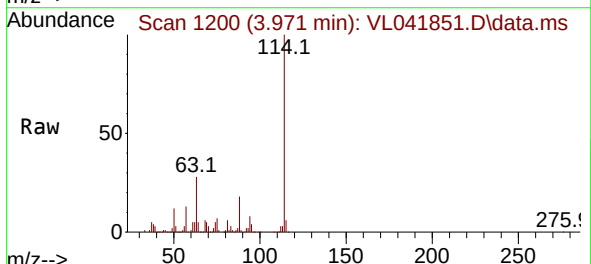
Instrument :
MSVOA_L
ClientSampleId :

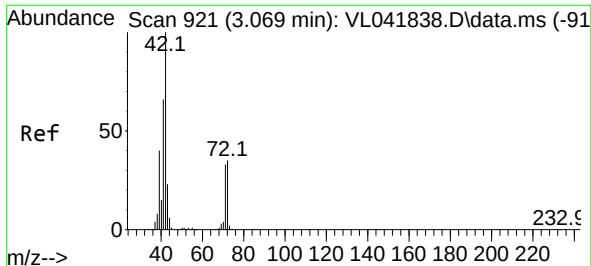
Tgt Ion: 78 Resp: 3143
Ion Ratio Lower Upper
78 100
77 23.7 17.4 26.0
50 23.0 17.3 25.9



#39
1,2-Dichloropropane
Concen: 7.575 ppbv
RT: 3.971 min Scan# 1200
Delta R.T. -0.363 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

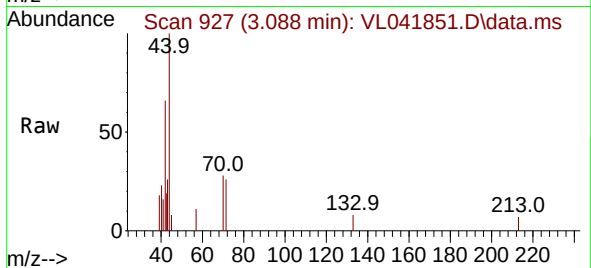
Tgt Ion: 63 Resp: 49849
Ion Ratio Lower Upper
63 100
41 0.3 77.7 116.5#
62 19.2 56.2 84.2#



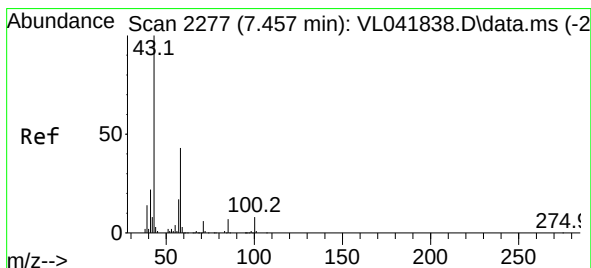
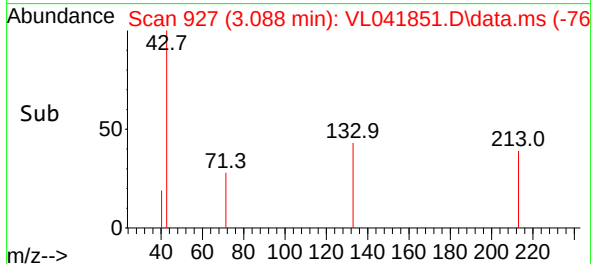
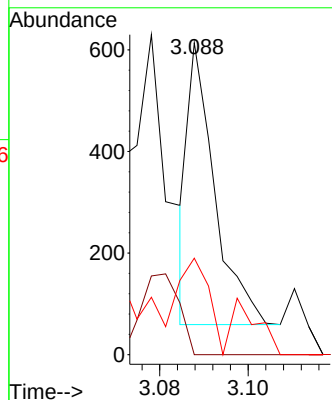


#41
Tetrahydrofuran
Concen: 0.035 ppbv
RT: 3.088 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

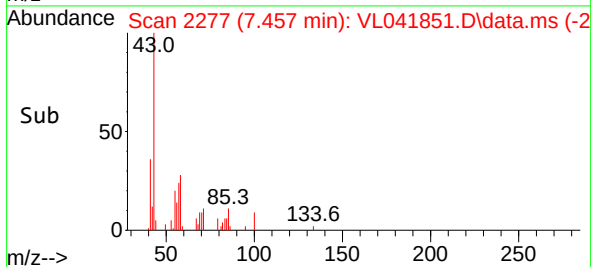
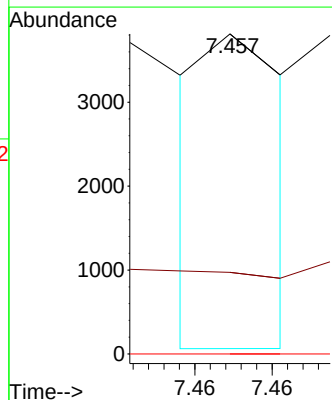
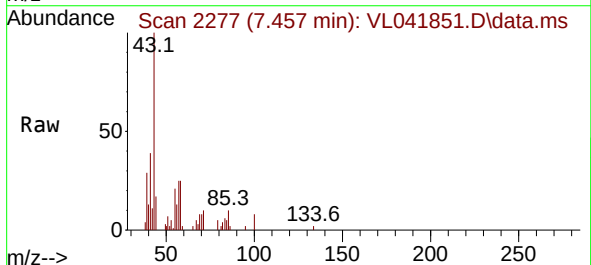


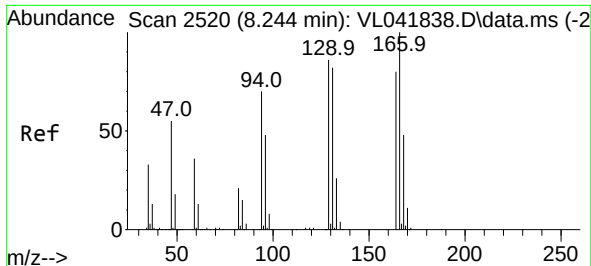
Tgt Ion: 42 Resp: 231
Ion Ratio Lower Upper
42 100
72 40.7 27.9 41.9
71 91.3 26.5 39.7#



#51
2-Hexanone
Concen: 0.111 ppbv
RT: 7.457 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 0.0 33.8 50.8#
98 0.0 0.7 1.1#

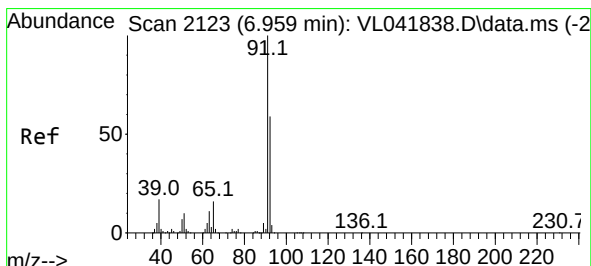
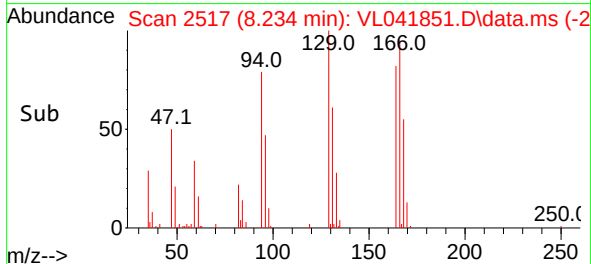
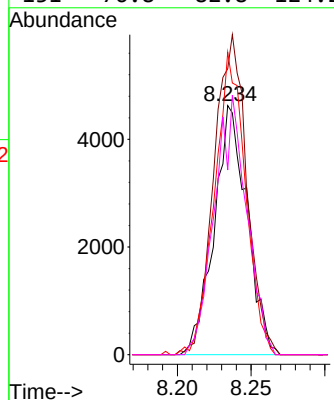
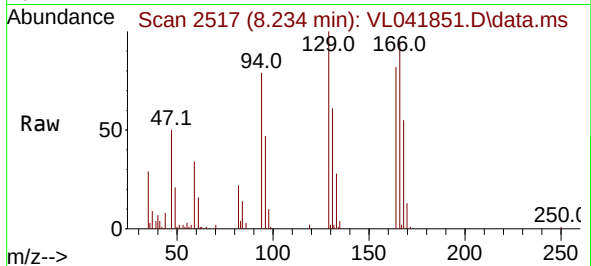




#52
Tetrachloroethene
Concen: 1.425 ppbv
RT: 8.234 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

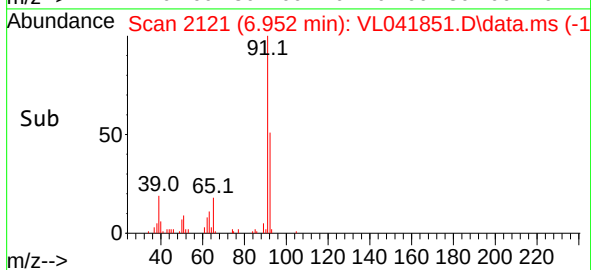
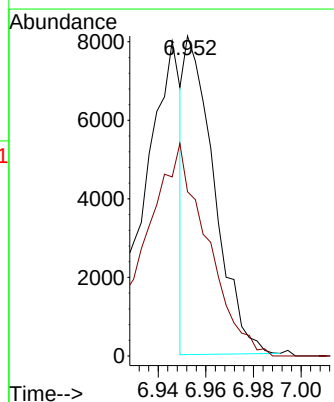
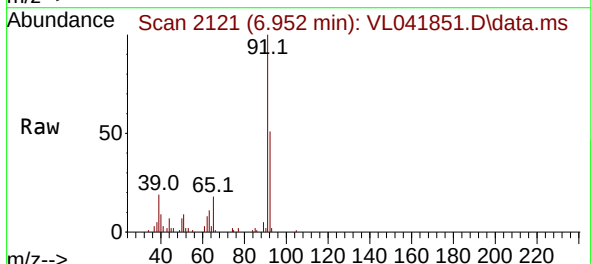
Instrument :
MSVOA_L
ClientSampleId :

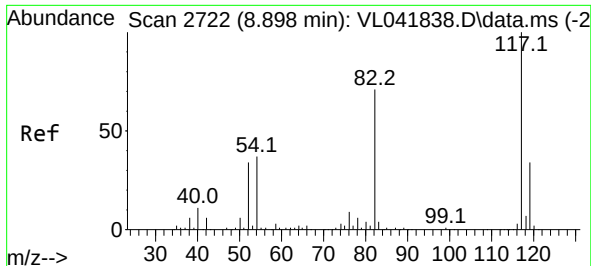
Tgt Ion:164 Resp: 7190
Ion Ratio Lower Upper
164 100
166 114.8 100.4 150.6
129 121.4 85.9 128.9
131 76.8 82.8 124.2#



#53
Toluene
Concen: 0.462 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 91 Resp: 6993
Ion Ratio Lower Upper
91 100
92 138.3 47.8 71.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041851.D

Acq: 07 Jan 2025 19:05

Instrument :

MSVOA_L

ClientSampleId :

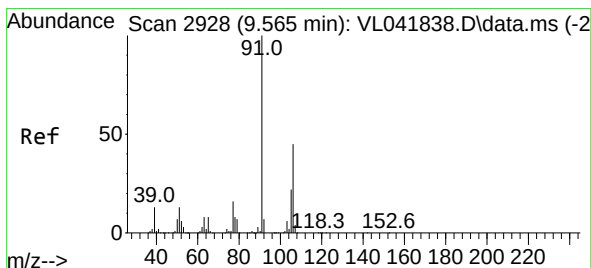
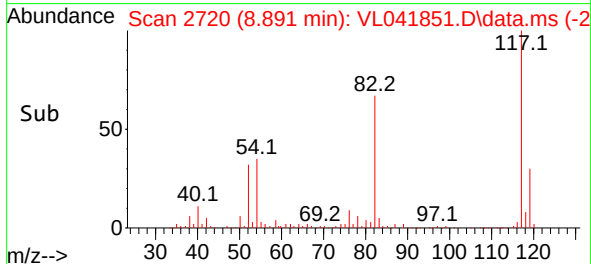
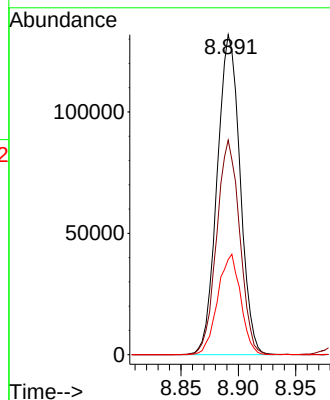
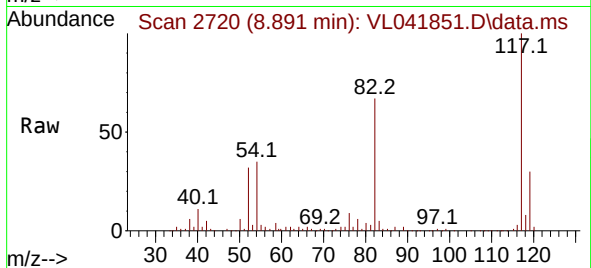
Tgt Ion:117 Resp: 183102

Ion Ratio Lower Upper

117 100

82 67.6 59.1 88.7

119 31.5 27.3 40.9



#59

m/p-Xylene

Concen: 0.070 ppbv

RT: 9.564 min Scan# 2928

Delta R.T. -0.000 min

Lab File: VL041851.D

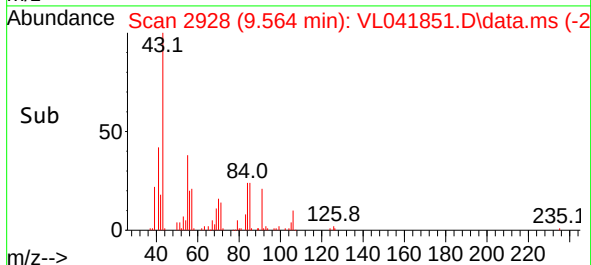
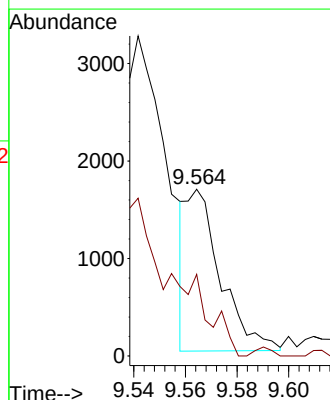
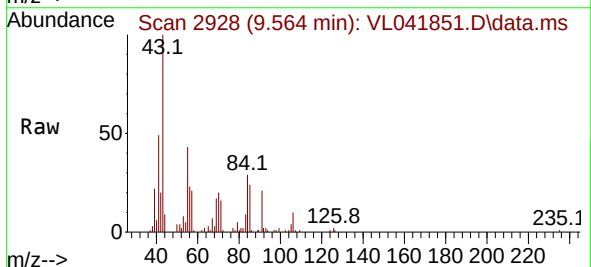
Acq: 07 Jan 2025 19:05

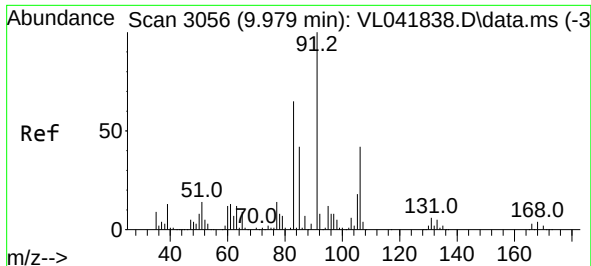
Tgt Ion: 91 Resp: 1543

Ion Ratio Lower Upper

91 100

106 0.0 36.7 55.1#

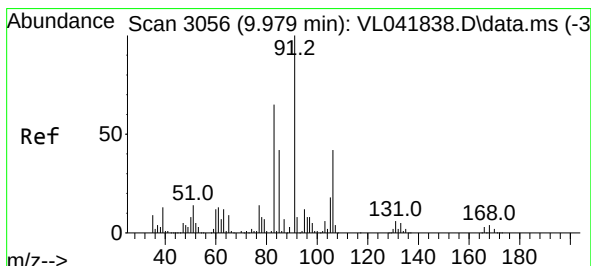
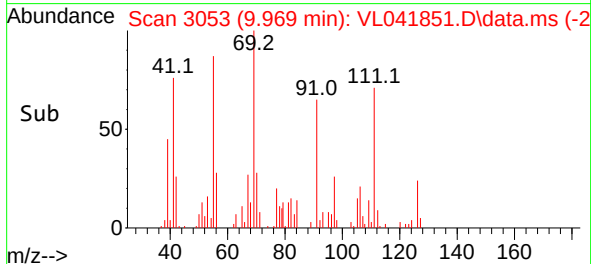
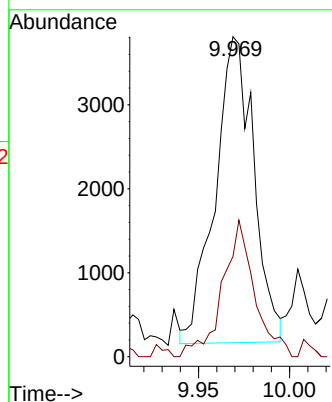
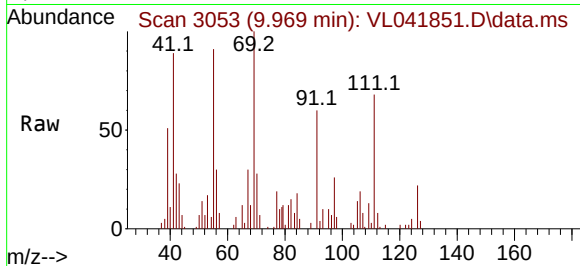




#60
o-Xylene
Concen: 0.251 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

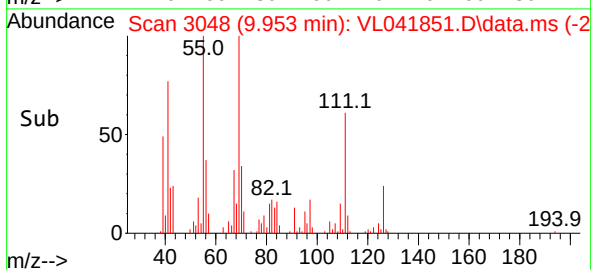
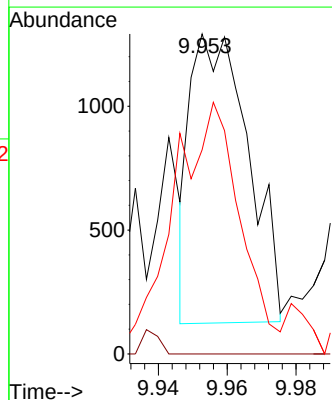
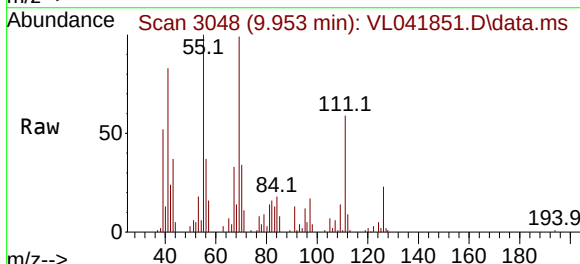
Instrument :
MSVOA_L
ClientSampleId :

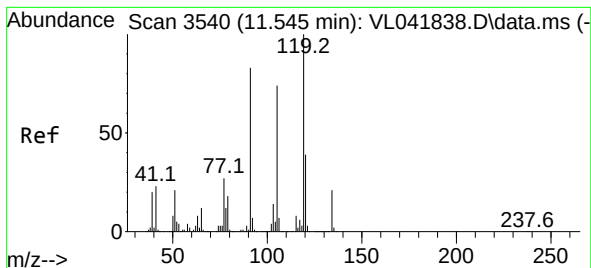
Tgt Ion: 91 Resp: 5379
Ion Ratio Lower Upper
91 100
106 39.4 21.9 65.5



#63
1,1,2,2-Tetrachloroethane
Concen: 0.073 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 83 Resp: 1365
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 123.3 31.9 95.9#





#65

tert-Butylbenzene

Concen: 0.032 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.007 min

Lab File: VL041851.D

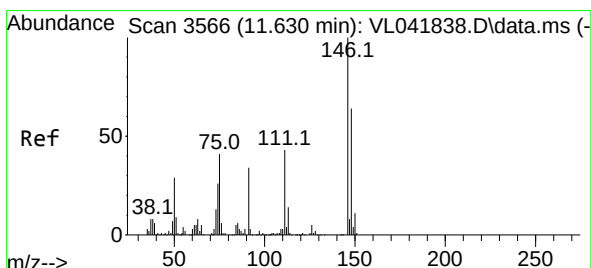
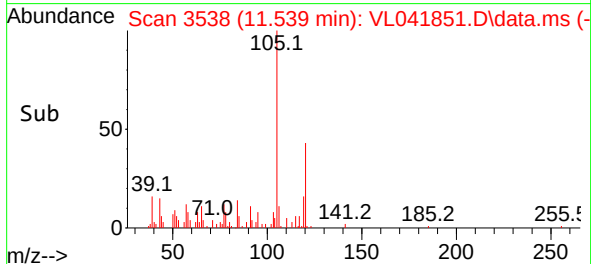
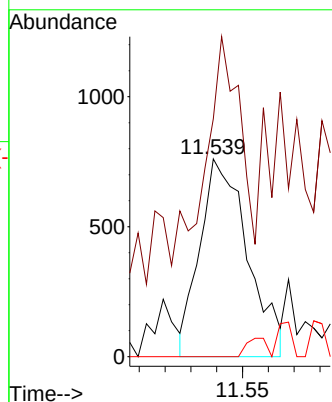
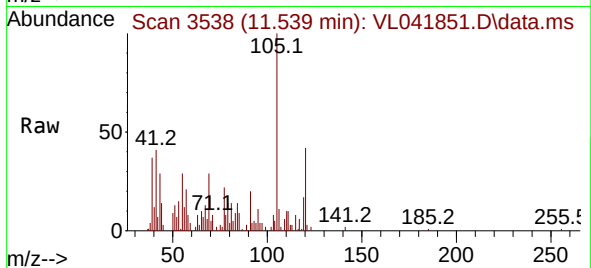
Acq: 07 Jan 2025 19:05

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	976
Ion	Ratio	Lower	Upper
119	100		
91	128.7	68.0	102.0#
134	0.0	16.2	24.4#



#66

Benzyl Chloride

Concen: 0.066 ppbv

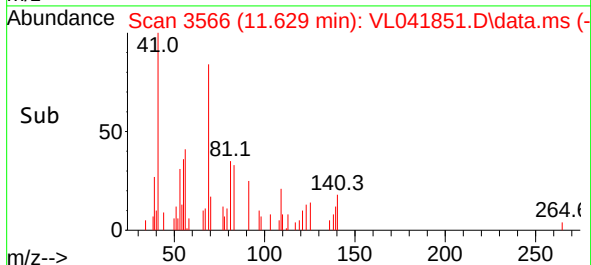
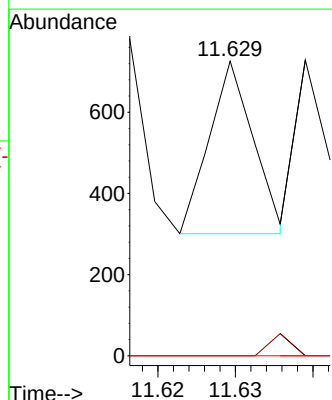
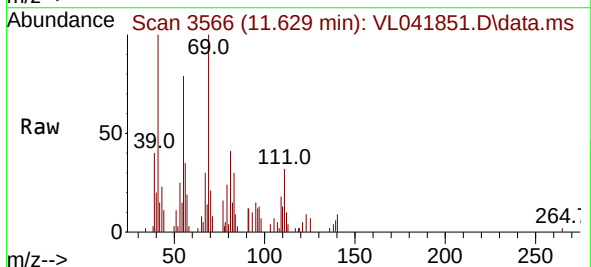
RT: 11.629 min Scan# 3566

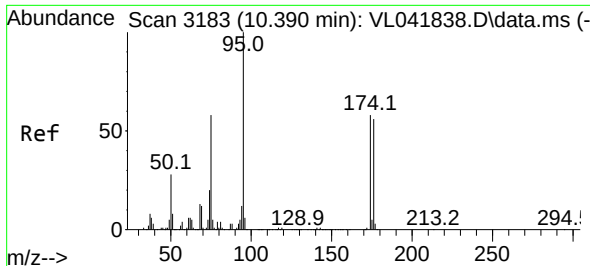
Delta R.T. -0.000 min

Lab File: VL041851.D

Acq: 07 Jan 2025 19:05

Tgt Ion:	91	Resp:	168
Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.1	18.1#
128	0.0	4.3	6.5#

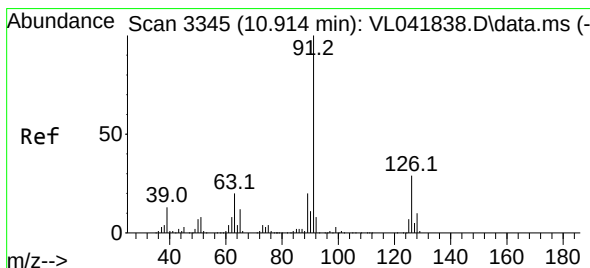
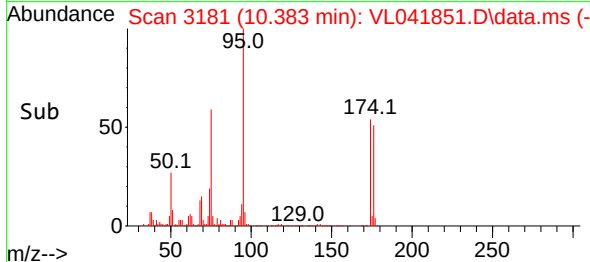
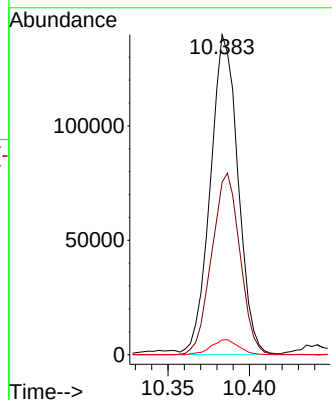
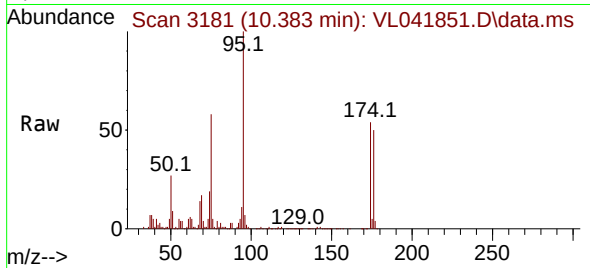




#68
1-Bromo-4-Fluorobenzene
Concen: 10.518 ppbv
RT: 10.383 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

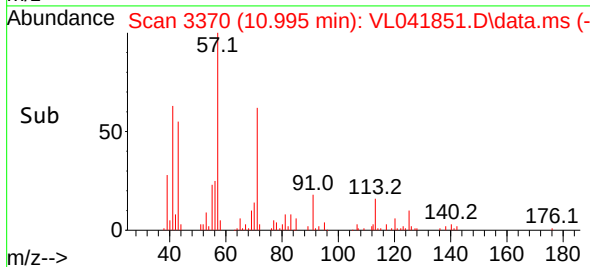
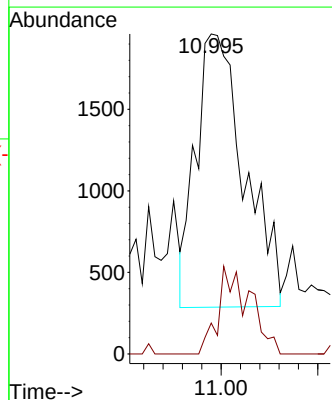
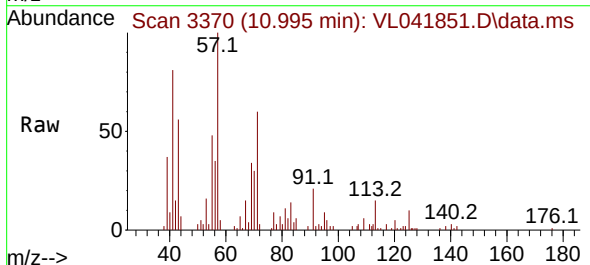
Instrument :
MSVOA_L
ClientSampleId :

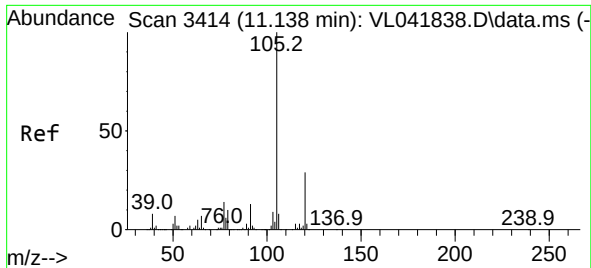
Tgt Ion: 95 Resp: 164947
Ion Ratio Lower Upper
95 100
174 58.0 47.6 71.4
175 4.7 3.8 5.6



#71
2-Chlorotoluene
Concen: 0.120 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.081 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion: 91 Resp: 2932
Ion Ratio Lower Upper
91 100
126 20.8 11.6 46.6

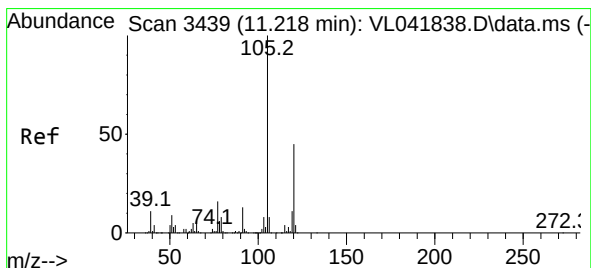
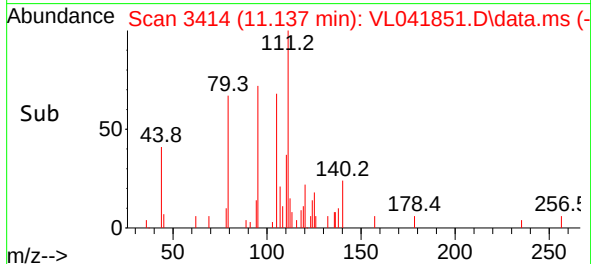
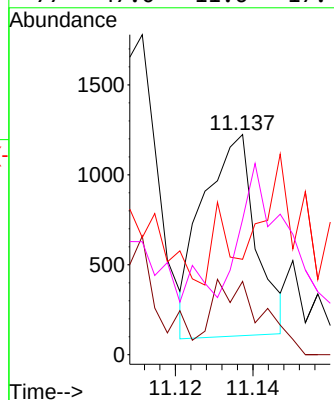
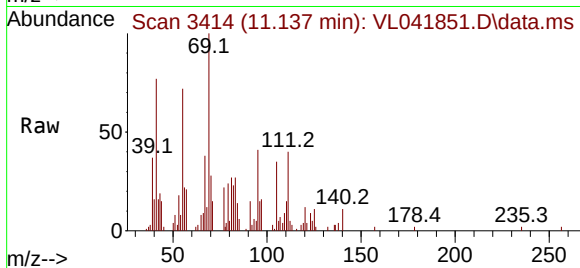




#72
4-Ethyltoluene
Concen: 0.041 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

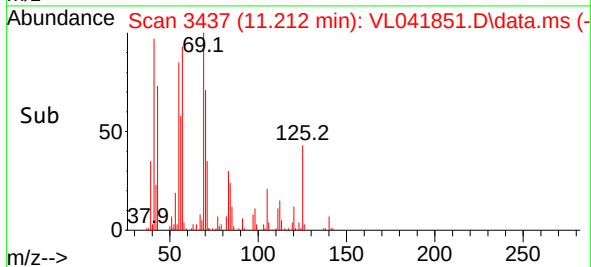
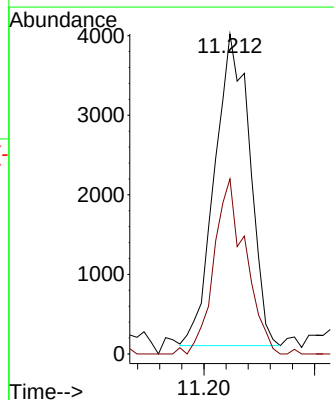
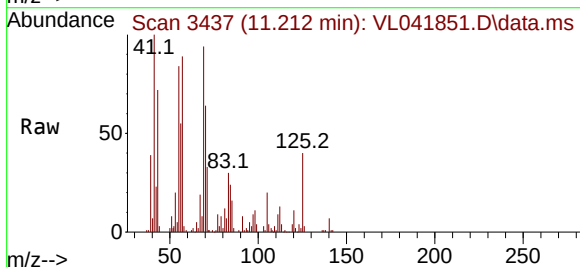
Instrument :
MSVOA_L
ClientSampleId :

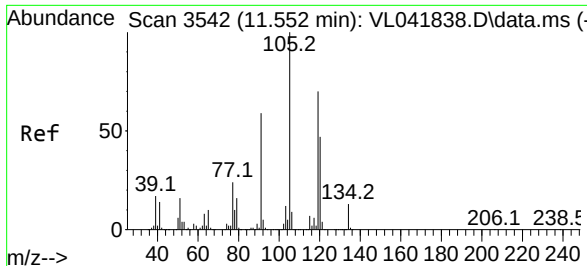
Tgt Ion:105 Resp: 1070
Ion Ratio Lower Upper
105 100
120 40.7 23.4 35.2#
91 0.0 10.8 16.2#
77 47.0 11.6 17.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.190 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion:105 Resp: 4304
Ion Ratio Lower Upper
105 100
120 56.1 35.9 53.9#

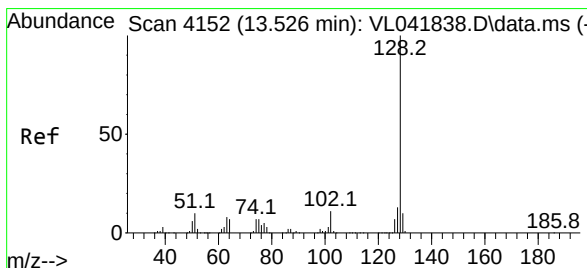
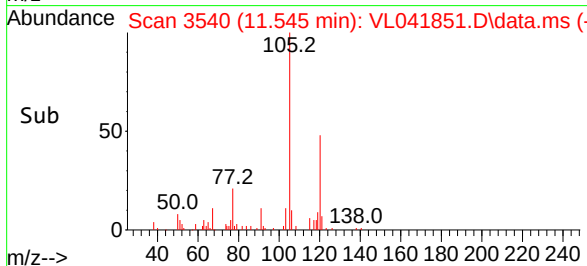
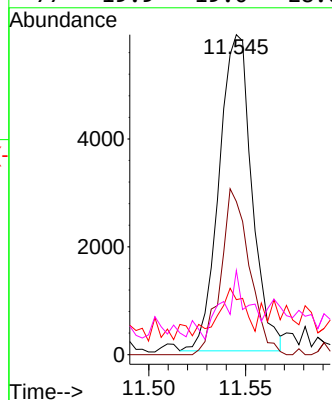
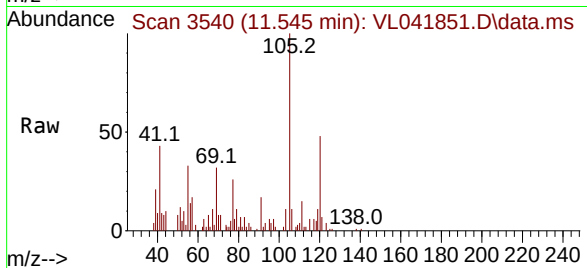




#74
1,2,4-Trimethylbenzene
Concen: 0.263 ppbv
RT: 11.545 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105	Resp:	6914
Ion	Ratio	Lower Upper
105	100	
120	49.0	37.4 56.0
91	7.9	47.4 71.2#
77	19.9	19.0 28.6



#79
Naphthalene
Concen: 0.059 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL041851.D
Acq: 07 Jan 2025 19:05

Tgt Ion:128	Resp:	1148
Ion	Ratio	Lower Upper
128	100	
127	46.3	10.5 15.7#
129	9.4	8.2 12.4

