

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042257.D
 Acq On : 08 Apr 2025 11:26
 Operator : SY/MD
 Sample : Q1728-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-2-04022025

Quant Time: Apr 09 01:53:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	196181	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.978	114	528802	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.969	117	373886	10.000	ppbv	# 0.09

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.487	95	7140559	232.561	ppbv	0.12
Spiked Amount	10.000	Range	65 - 135	Recovery	= 2325.600%	#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	6112	0.211	ppbv	# 88
3) Chlorodifluoromethane	1.470	51	14322	0.484	ppbv	# 74
4) Chloromethane	1.538	50	3367	0.284	ppbv	# 99
7) Chloroethane	1.470	64	12936	2.722	ppbv	# 46
9) Propene	1.489	41	103972	7.666	ppbv	# 91
10) Heptane	5.020	43	556218	15.418	ppbv	# 98
11) Trichlorofluoromethane	1.884	101	2611	0.093	ppbv	# 87
13) Ethanol	1.725	45	20476	15.970	ppbv	# 87
15) Acetone	1.839	43	1342486	48.930	ppbv	# 97
16) 1,3-Butadiene	1.606	39	72875	5.439	ppbv	# 24
17) tert-Butyl alcohol	2.049	59	67718	1.982	ppbv	# 98
19) Isopropyl Alcohol	1.894	45	41121	2.656	ppbv	# 30
20) Methylene Chloride	2.068	84	38082	3.727	ppbv	# 88
21) Allyl Chloride	2.049	41	23849	1.233	ppbv	# 53
23) Vinyl Acetate	2.483	43	102452	8.628	ppbv	# 45
25) Ethyl Acetate	2.839	43	45163	0.634	ppbv	# 79
26) Hexane	2.839	57	57352	2.085	ppbv	# 1
27) Carbon Disulfide	2.156	76	543422	18.424	ppbv	# 95
28) Methyl tert-Butyl Ether	2.454	73	900	0.053	ppbv	# 49
29) Chloroform	2.858	83	3794	0.094	ppbv	# 100
30) Cyclohexane	3.878	84	580451	24.303	ppbv	# 97
34) 2-Butanone	2.567	43	176337	4.599	ppbv	# 98
36) Benzene	3.674	78	83844	1.599	ppbv	# 97
37) 1,2-Dichloroethane	3.240	62	1484	0.049	ppbv	# 80
38) Trichloroethene	4.570	130	1834	0.084	ppbv	# 1
39) 1,2-Dichloropropane	4.315	63	2695	0.141	ppbv	# 1
41) Tetrahydrofuran	3.195	42	103531	4.689	ppbv	# 52
42) Bromodichloromethane	4.476	83	1501369	36.285	ppbv	# 25
43) Methyl Methacrylate	4.651	69	3729447	168.047	ppbv	# 64
44) 2,2,4-Trimethylpentane	4.651	57	1746952	19.719	ppbv	# 1
45) t-1,3-Dichloropropene	6.444	75	1086	0.046	ppbv	# 1
47) 1,1,2-Trichloroethane	6.645	97	3961806	196.301	ppbv	# 48
50) 4-Methyl-2-Pentanone	5.778	43	1931642	31.787	ppbv	# 39
51) 2-Hexanone	7.587	43	8665198	173.645	ppbv	# 28
52) Tetrachloroethene	8.412	164	5280	0.254	ppbv	# 87
53) Toluene	7.027	91	1042954	16.783	ppbv	# 100
57) Chlorobenzene	8.998	112	6296794	177.555	ppbv	# 28
58) Ethyl Benzene	9.561	91	2036145	30.659	ppbv	# 100
59) m/p-Xylene	9.652	91	115406	2.176	ppbv	# 31
60) o-Xylene	10.069	91	147864	2.781	ppbv	# 34
61) Styrene	10.024	104	15358	0.584	ppbv	# 1
62) Isopropylbenzene	10.658	105	5182735	65.193	ppbv	# 88
63) 1,1,2,2-Tetrachloroethane	10.060	83	5442174	168.486	ppbv	# 25

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042257.D
 Acq On : 08 Apr 2025 11:26
 Operator : SY/MD
 Sample : Q1728-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-2-04022025

Quant Time: Apr 09 01:53:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

64) n-propylbenzene	11.095	120	824157	40.273	ppbv	89
65) tert-Butylbenzene	11.639	119	3620382	49.241	ppbv #	89
66) Benzyl Chloride	11.736	91	127416	16.333	ppbv #	66
67) sec-Butylbenzene	11.956	105	4925784	48.200	ppbv	98
69) p-Isopropyltoluene	12.083	119	80776	0.918	ppbv #	1
70) n-Butylbenzene	12.384	91	196855	2.187	ppbv #	17
71) 2-Chlorotoluene	11.095	91	3445380	55.840	ppbv	80
72) 4-Ethyltoluene	11.225	105	12114303	183.018	ppbv #	46
73) 1,3,5-Trimethylbenzene	11.332	105	5576526	96.463	ppbv #	37
74) 1,2,4-Trimethylbenzene	11.642	105	8221264	123.444	ppbv #	63
76) 1,4-Dichlorobenzene	11.759	146	1774	0.049	ppbv #	1
80) Naphthalene,2-methyl-	14.474	142	3577	0.100	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042257.D
Acq On : 08 Apr 2025 11:26
Operator : SY/MD
Sample : Q1728-03 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

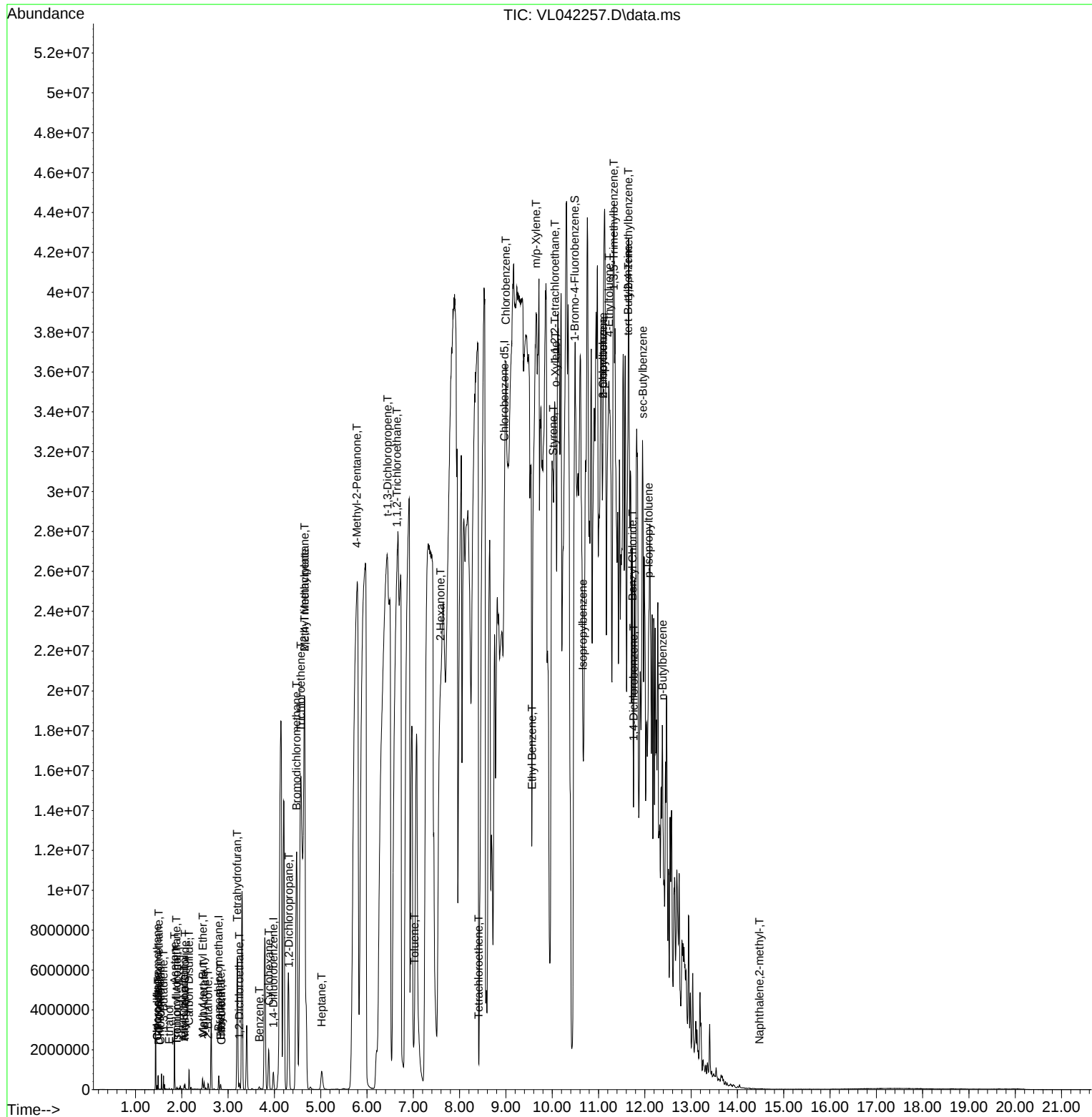
Quant Time: Apr 09 01:53:17 2025

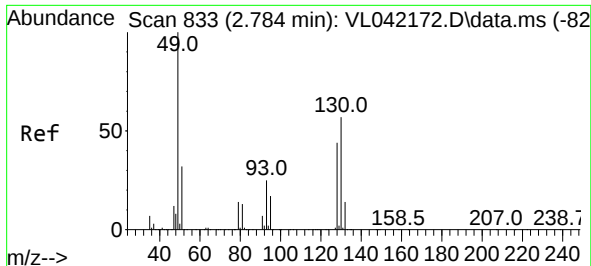
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

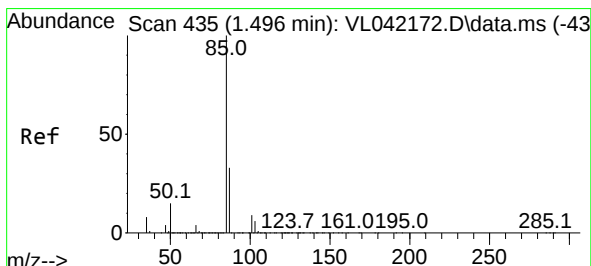
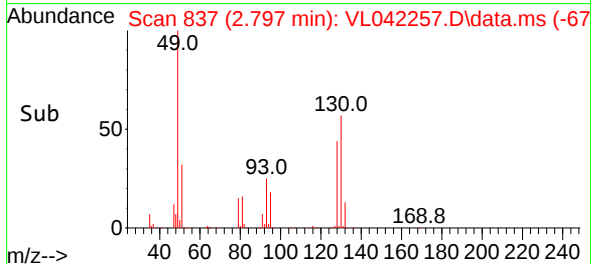
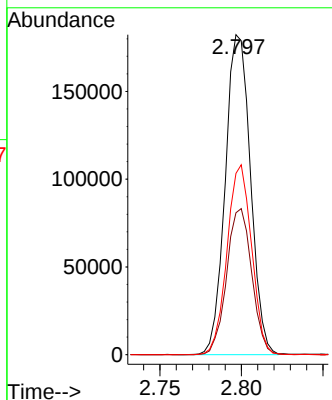
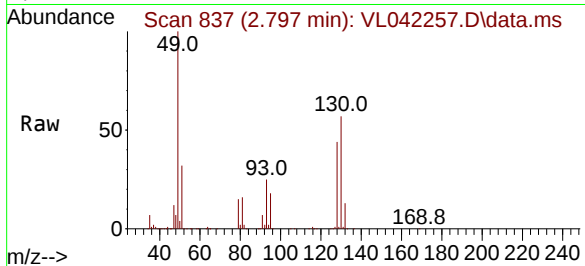




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

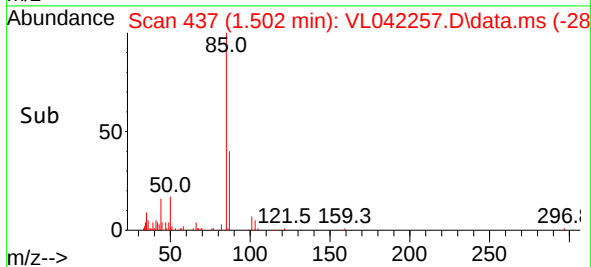
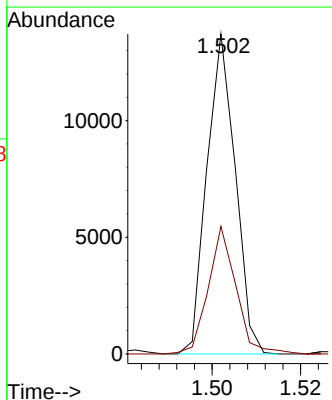
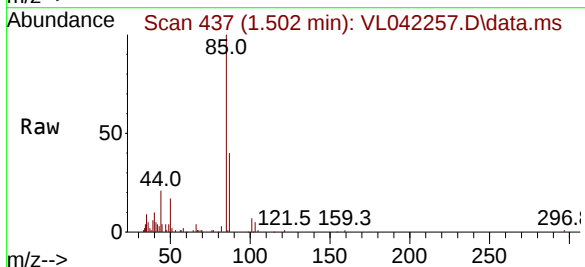
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

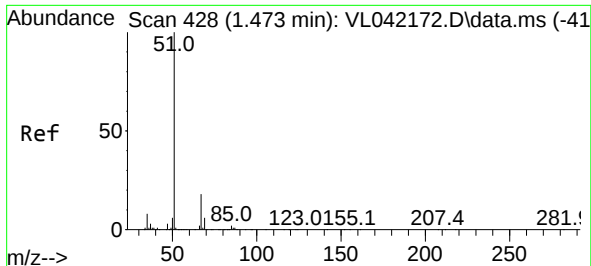
Tgt Ion: 49 Resp: 196181
Ion Ratio Lower Upper
49 100
128 45.4 22.9 68.5
130 57.7 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.211 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 85 Resp: 6112
Ion Ratio Lower Upper
85 100
87 39.3 26.1 39.1#

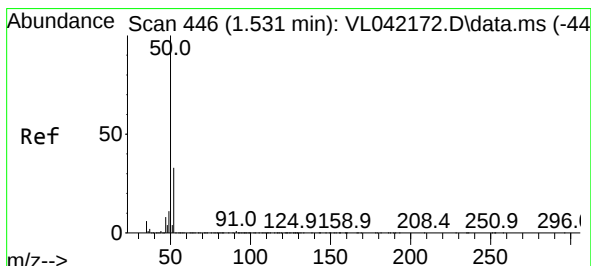
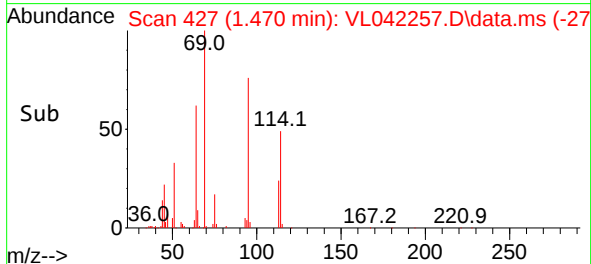
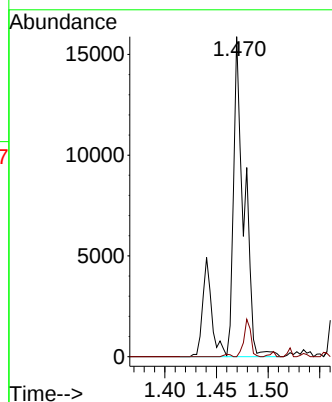
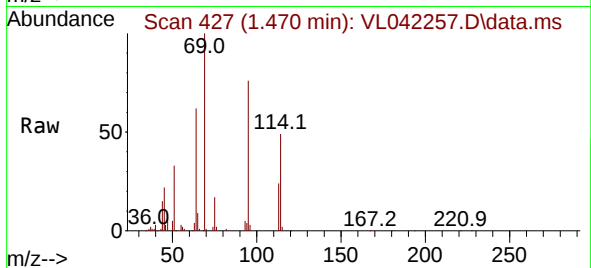




#3
Chlorodifluoromethane
Concen: 0.484 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

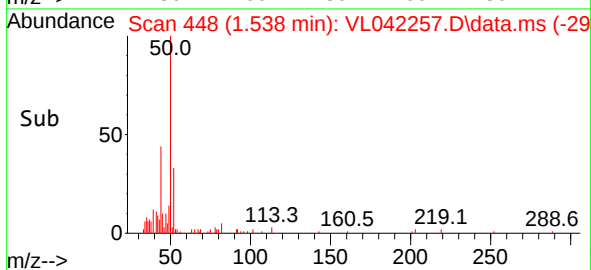
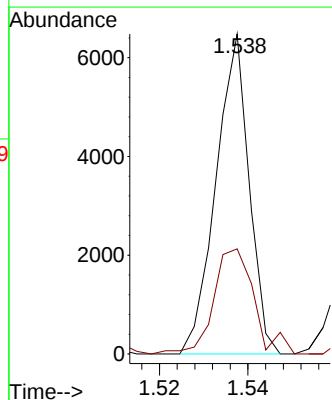
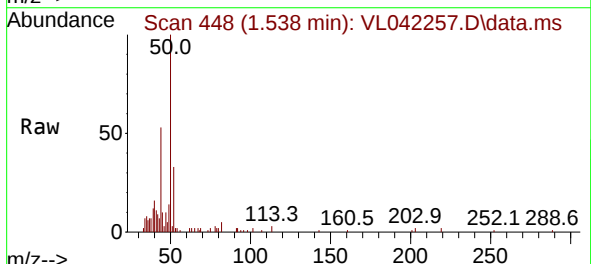
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

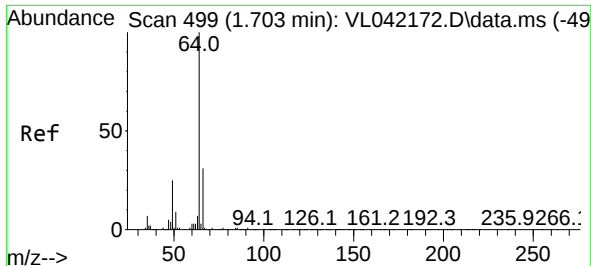
Tgt Ion: 51 Resp: 14322
Ion Ratio Lower Upper
51 100
67 6.9 15.0 22.6#



#4
Chloromethane
Concen: 0.284 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 50 Resp: 3367
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

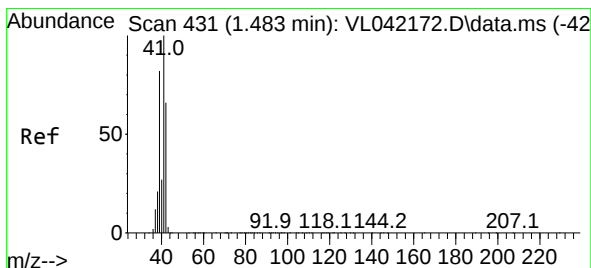
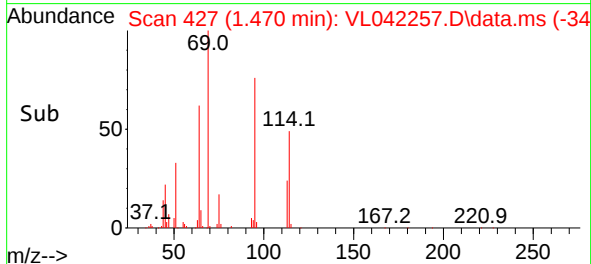
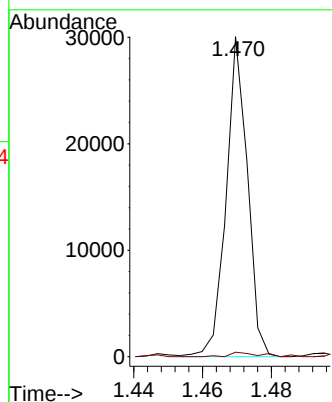
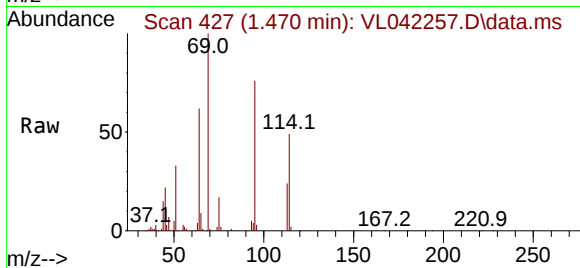




#7
Chloroethane
Concen: 2.722 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.233 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

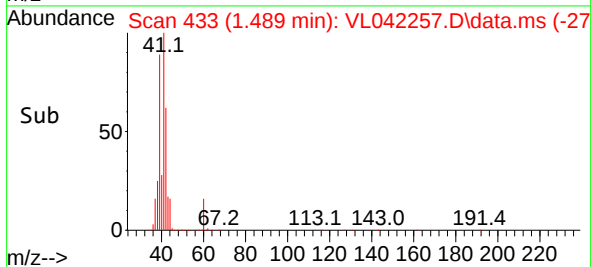
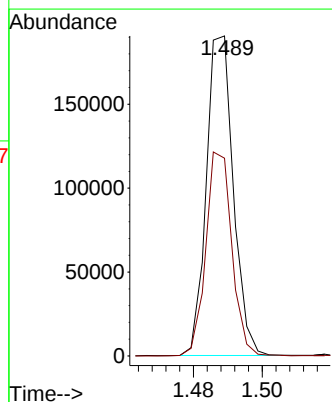
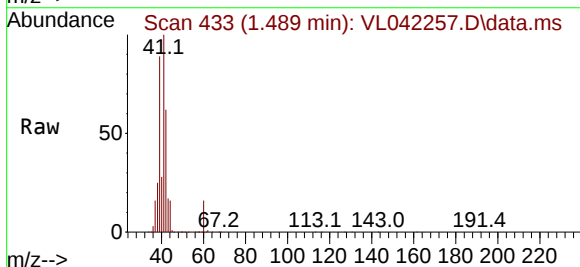
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

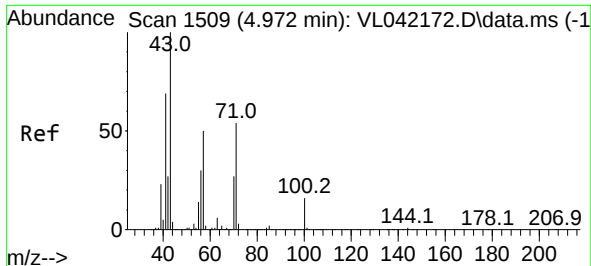
Tgt Ion: 64 Resp: 12936
Ion Ratio Lower Upper
64 100
66 1.4 25.2 37.8#



#9
Propene
Concen: 7.666 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 41 Resp: 103972
Ion Ratio Lower Upper
41 100
42 62.0 55.4 83.2

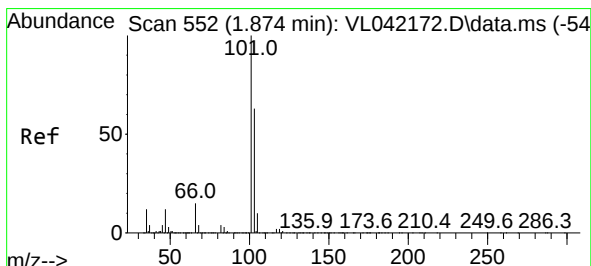
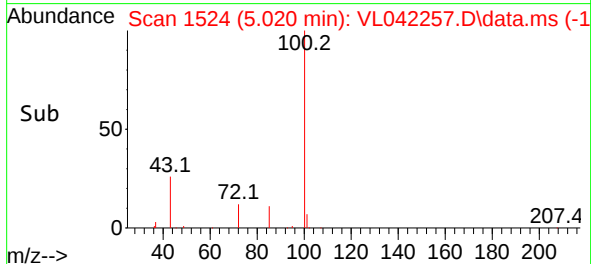
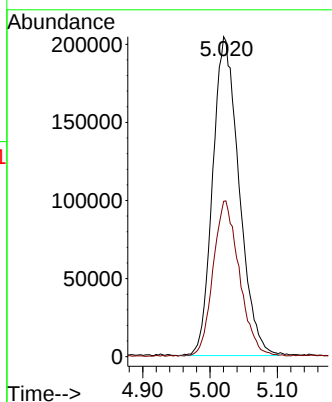
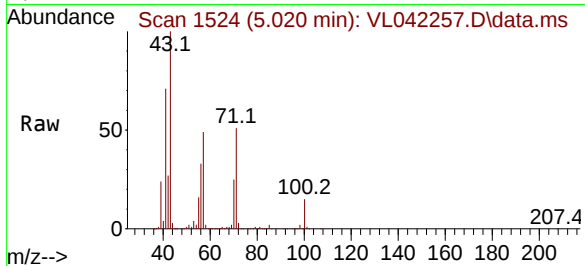




#10
Heptane
Concen: 15.418 ppbv
RT: 5.020 min Scan# 11
Delta R.T. 0.048 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

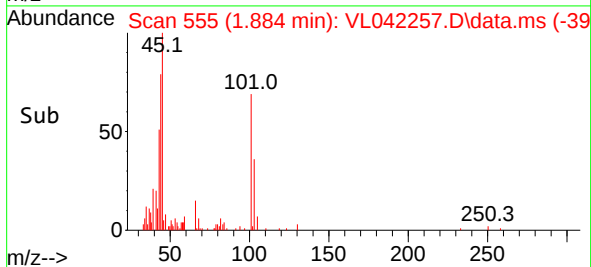
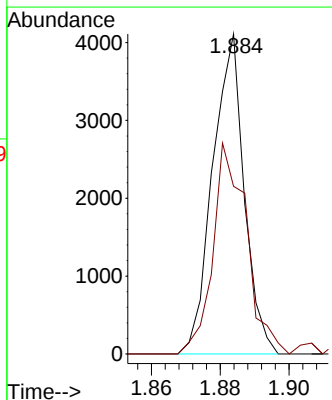
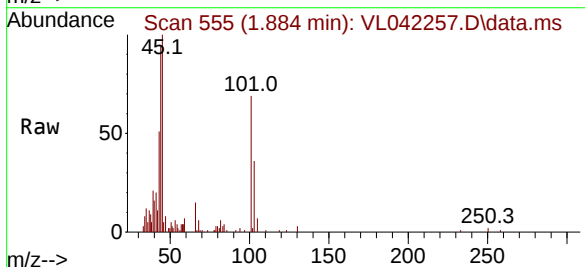
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

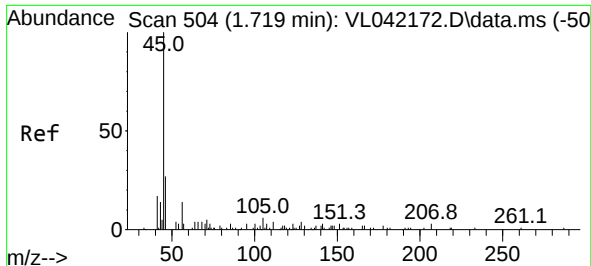
Tgt Ion: 43 Resp: 556218
Ion Ratio Lower Upper
43 100
57 48.1 39.4 59.2



#11
Trichlorofluoromethane
Concen: 0.093 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.009 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 101 Resp: 2611
Ion Ratio Lower Upper
101 100
103 52.4 50.2 75.2

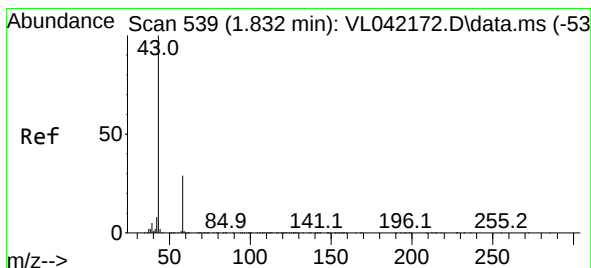
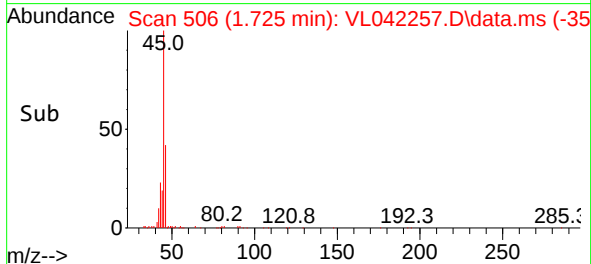
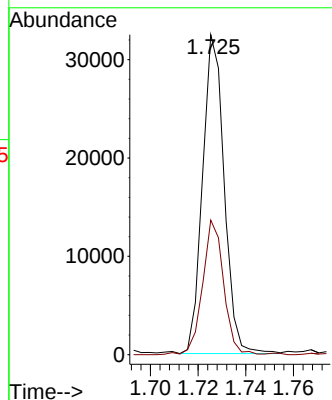
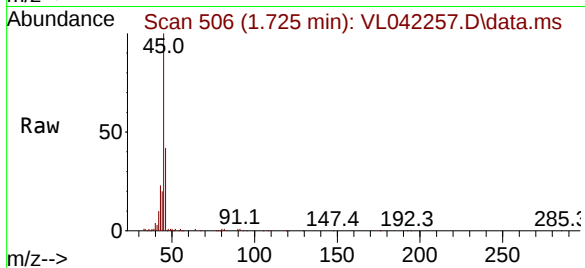




#13
Ethanol
Concen: 15.970 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

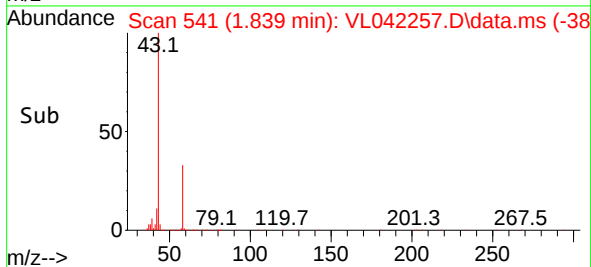
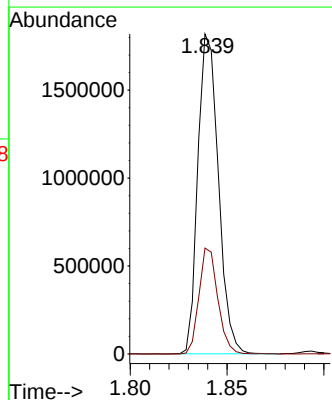
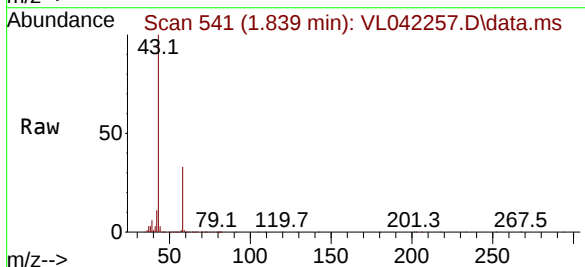
Instrument :
MSVOA_1
ClientSampleId :
SSSG-B2-2-04022025

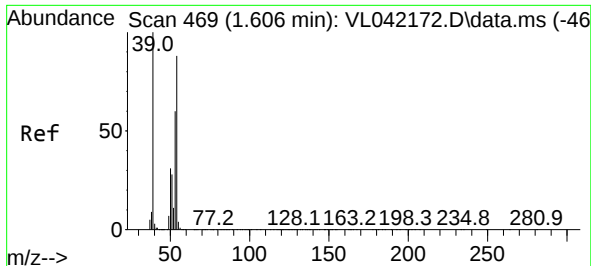
Tgt Ion: 45 Resp: 20476
Ion Ratio Lower Upper
45 100
46 41.4 20.2 80.8



#15
Acetone
Concen: 48.930 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 43 Resp: 1342486
Ion Ratio Lower Upper
43 100
58 30.5 23.2 34.8

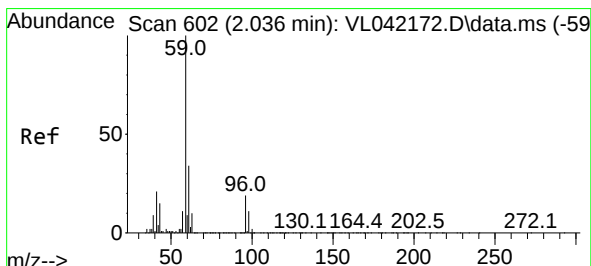
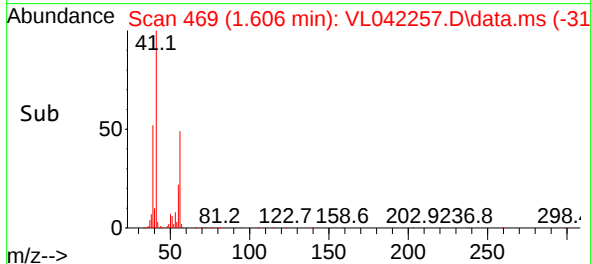
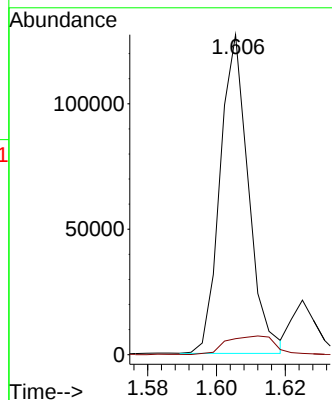
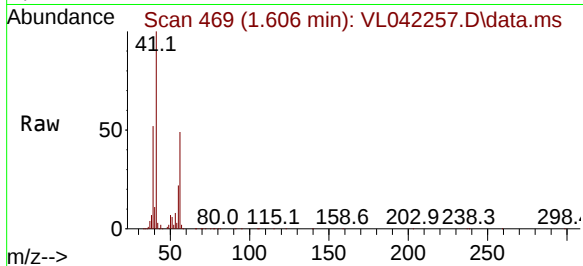




#16
1,3-Butadiene
Concen: 5.439 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

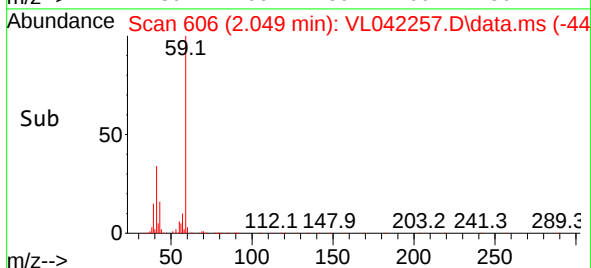
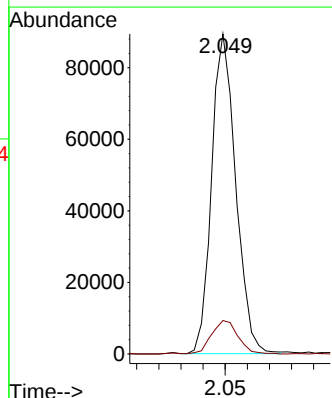
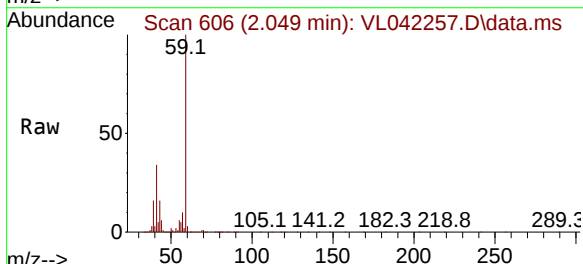
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

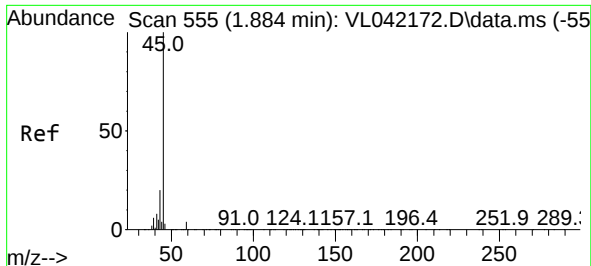
Tgt Ion: 39 Resp: 72875
Ion Ratio Lower Upper
39 100
54 10.7 60.7 91.1#



#17
tert-Butyl alcohol
Concen: 1.982 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.013 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 59 Resp: 67718
Ion Ratio Lower Upper
59 100
57 11.7 8.9 13.3

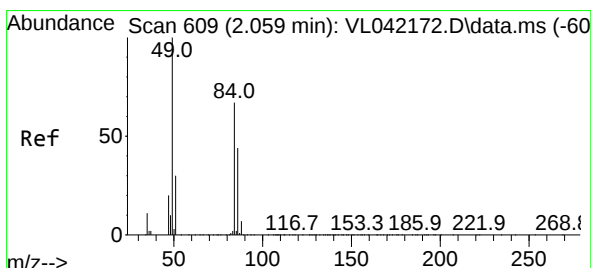
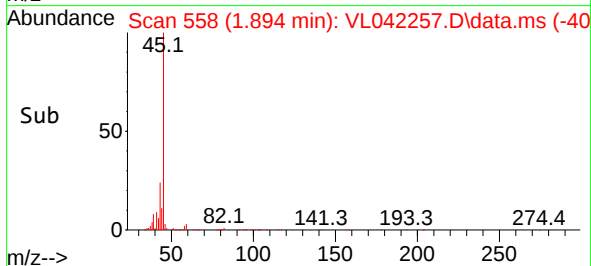
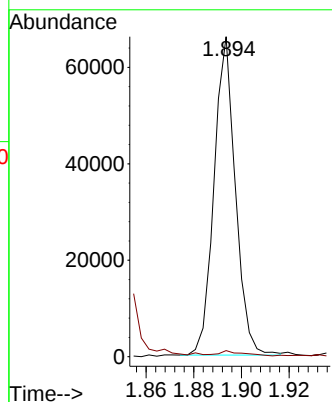
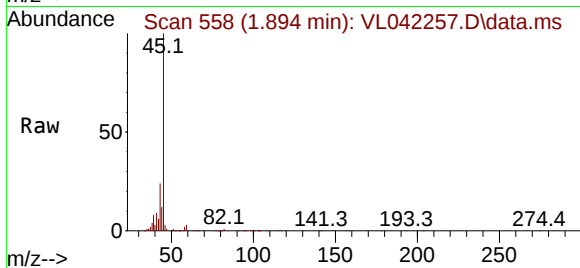




#19
Isopropyl Alcohol
Concen: 2.656 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.009 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

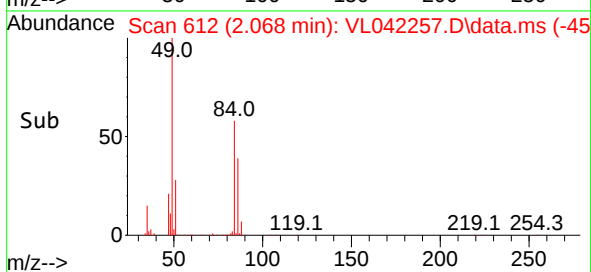
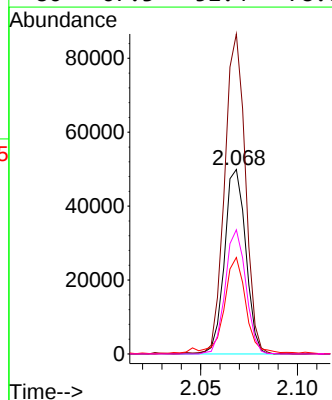
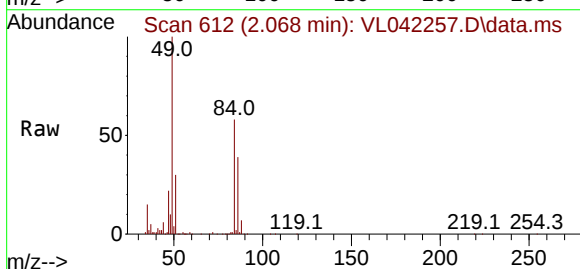
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

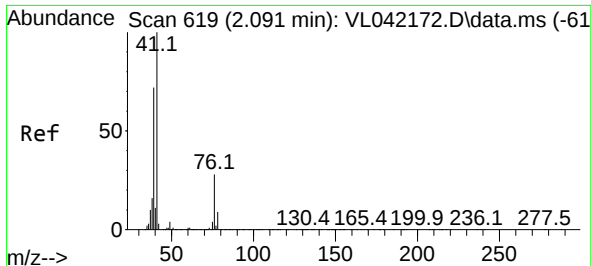
Tgt Ion: 45 Resp: 41121
Ion Ratio Lower Upper
45 100
58 0.0 36.9 55.3#



#20
Methylene Chloride
Concen: 3.727 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 84 Resp: 38082
Ion Ratio Lower Upper
84 100
49 173.1 120.2 180.4
51 51.7 37.4 56.0
86 67.3 52.4 78.6

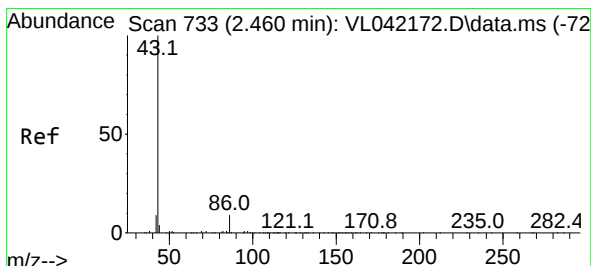
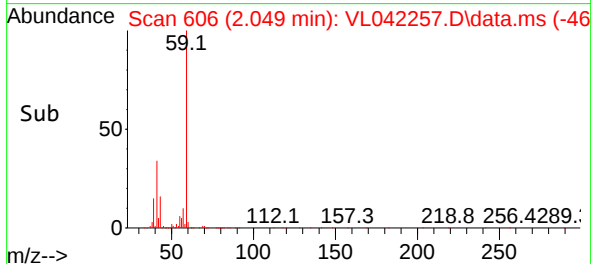
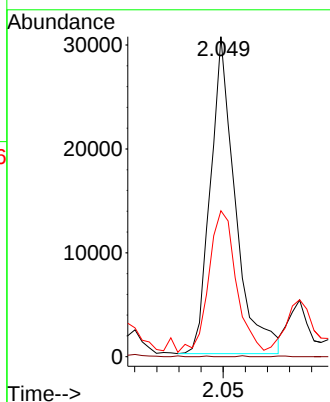
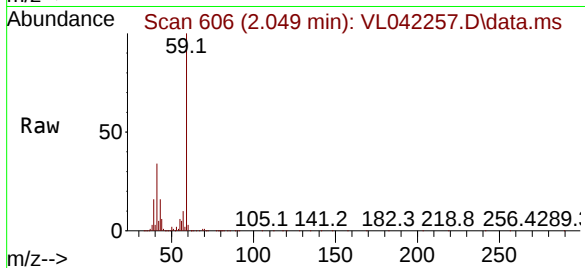




#21
 Allyl Chloride
 Concen: 1.233 ppbv
 RT: 2.049 min Scan# 61
 Delta R.T. -0.042 min
 Lab File: VL042257.D
 Acq: 08 Apr 2025 11:26

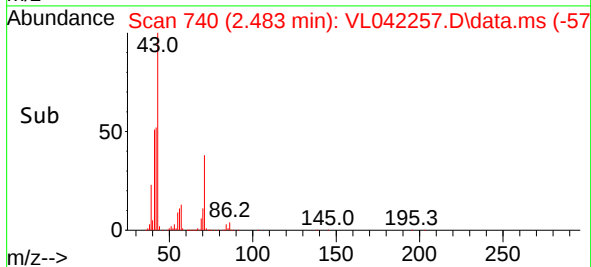
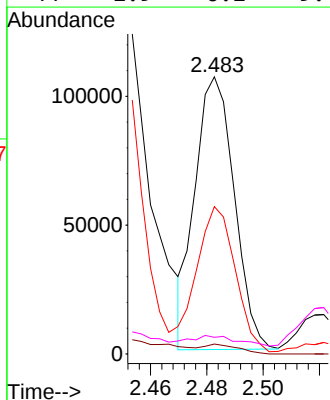
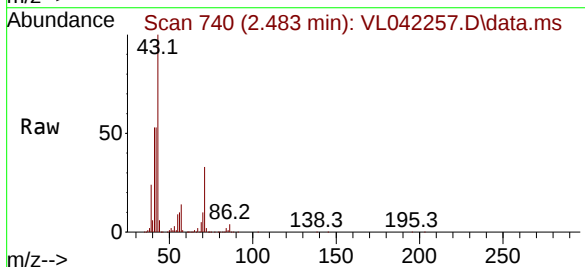
Instrument :
 MSVOA_1
 ClientSampleId :
 SSSG-B2-2-04022025

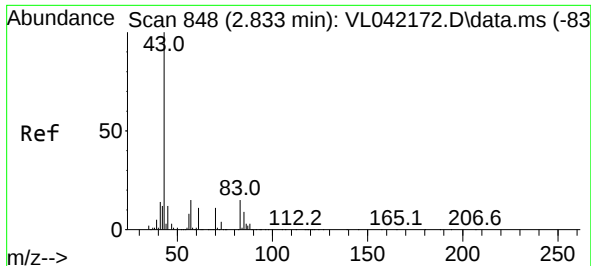
Tgt Ion: 41 Resp: 23849
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.1 36.1#
 39 38.3 61.1 91.7#



#23
 Vinyl Acetate
 Concen: 8.628 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.022 min
 Lab File: VL042257.D
 Acq: 08 Apr 2025 11:26

Tgt Ion: 43 Resp: 102452
 Ion Ratio Lower Upper
 43 100
 86 3.7 5.5 8.3#
 42 53.3 8.6 13.0#
 44 2.9 6.2 9.4#

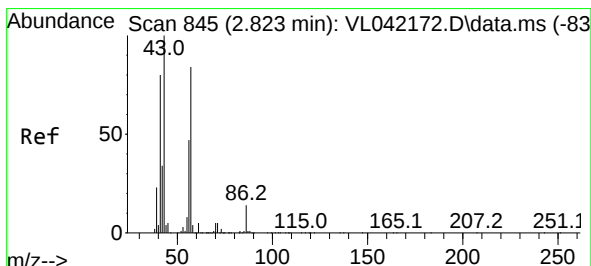
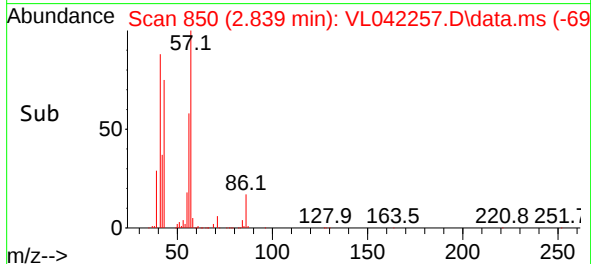
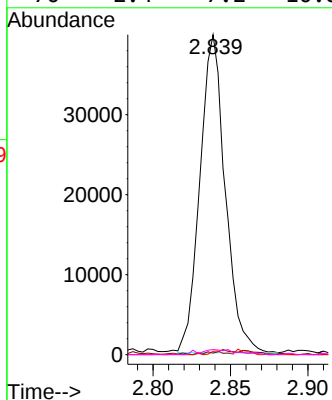
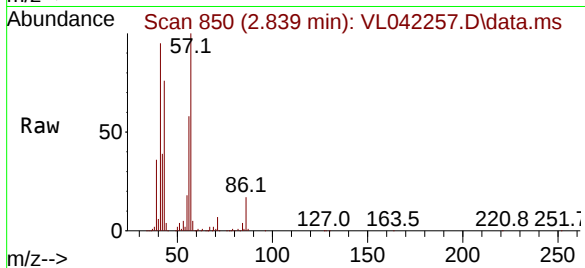




#25
Ethyl Acetate
Concen: 0.634 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

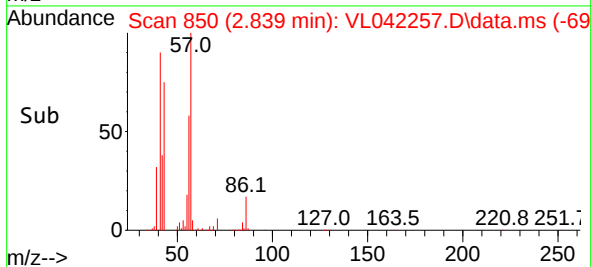
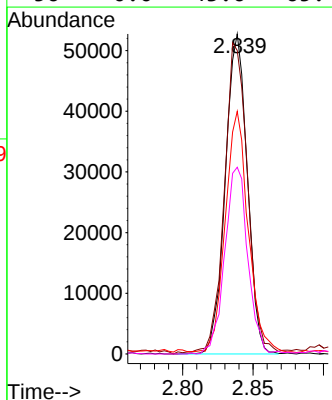
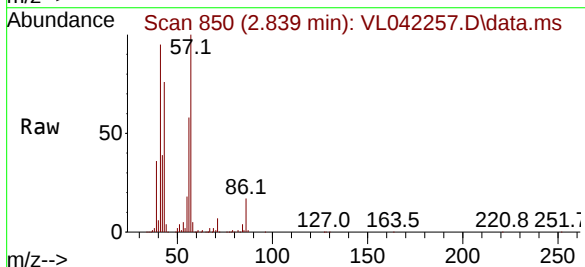
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

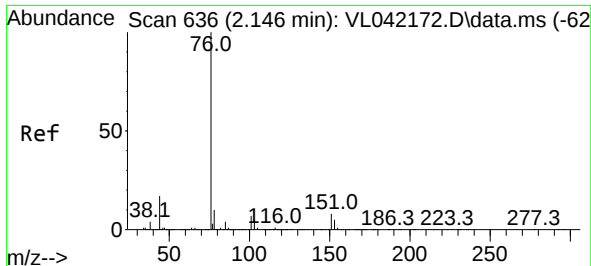
Tgt Ion: 43	Resp: 45163
Ion Ratio	Lower Upper
43 100	
45 1.9	8.2 12.2#
61 1.5	7.3 10.9#
70 2.4	7.2 10.8#



#26
Hexane
Concen: 2.085 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.016 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 57	Resp: 57352
Ion Ratio	Lower Upper
57 100	
41 102.0	76.6 114.8
43 0.0	207.8 311.8#
56 0.0	43.6 65.4#

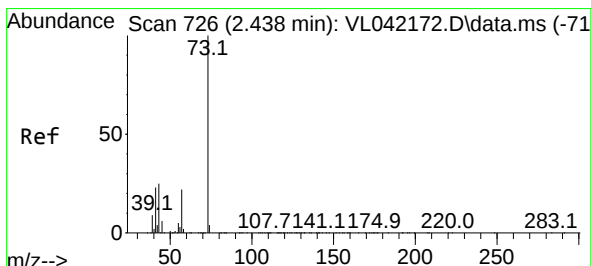
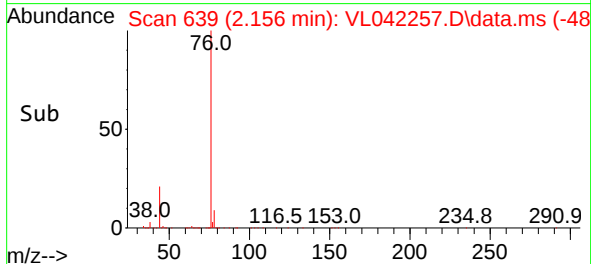
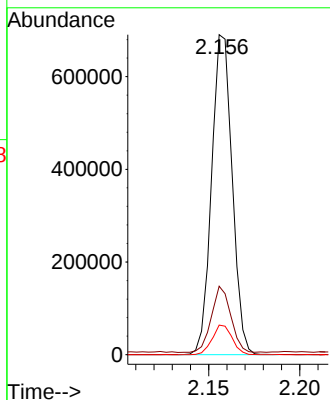
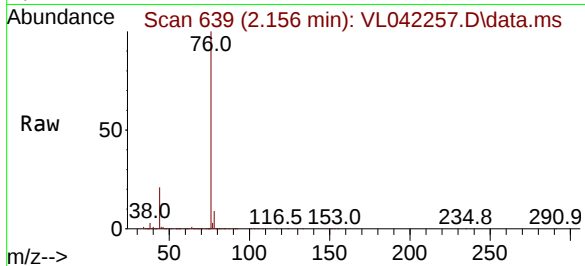




#27
Carbon Disulfide
Concen: 18.424 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

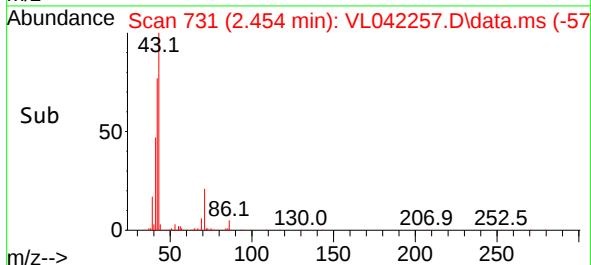
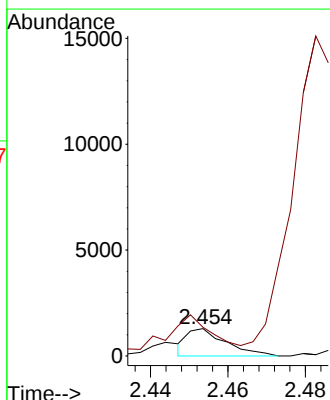
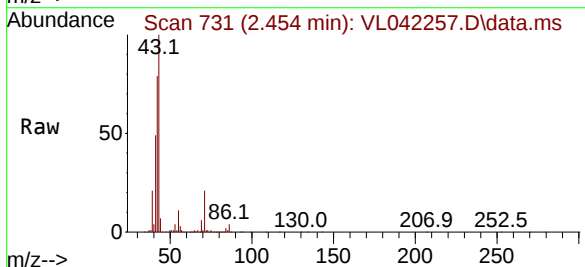
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

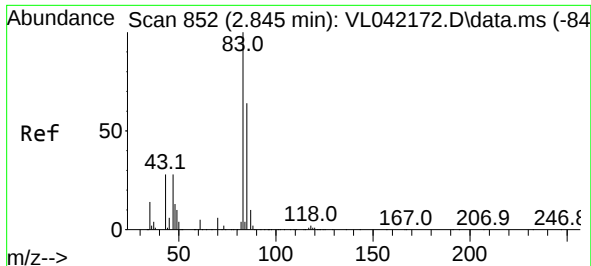
Tgt Ion: 76 Resp: 543422
Ion Ratio Lower Upper
76 100
44 19.9 14.7 22.1
78 9.0 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.053 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.016 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 73 Resp: 900
Ion Ratio Lower Upper
73 100
57 0.0 20.5 30.7#





#29

Chloroform

Concen: 0.094 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_L

ClientSampleId :

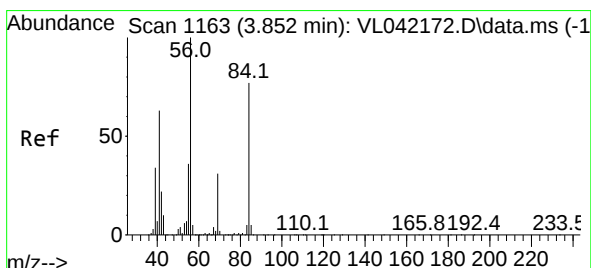
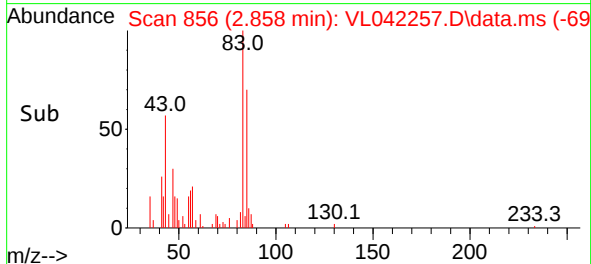
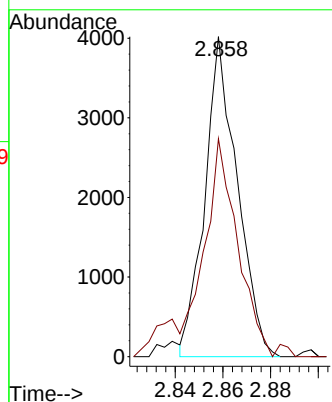
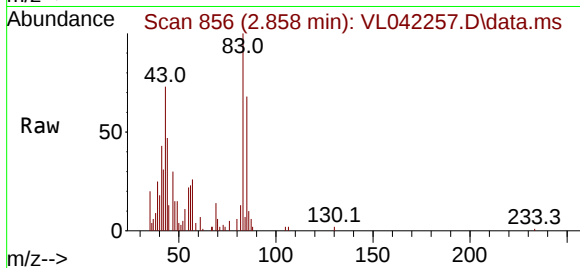
SSSG-B2-2-04022025

Tgt Ion: 83 Resp: 3794

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2



#30

Cyclohexane

Concen: 24.303 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. 0.026 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

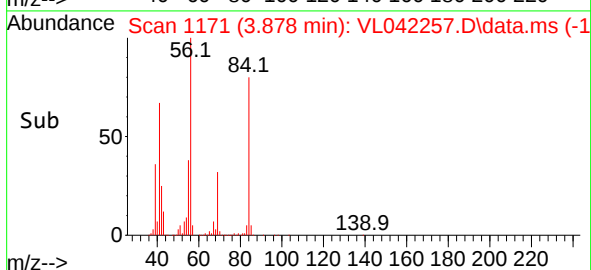
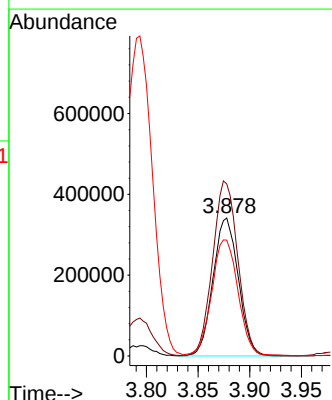
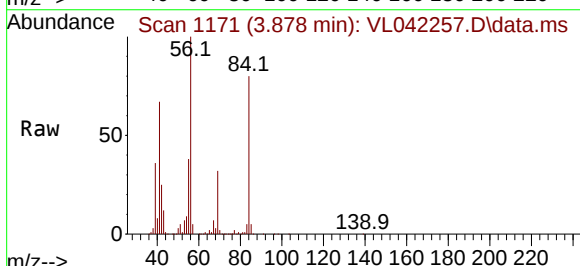
Tgt Ion: 84 Resp: 580451

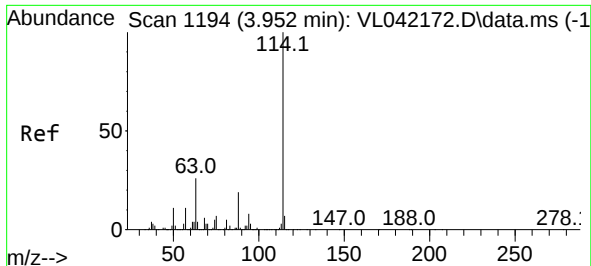
Ion Ratio Lower Upper

84 100

56 126.5 102.8 154.2

41 86.9 66.5 99.7

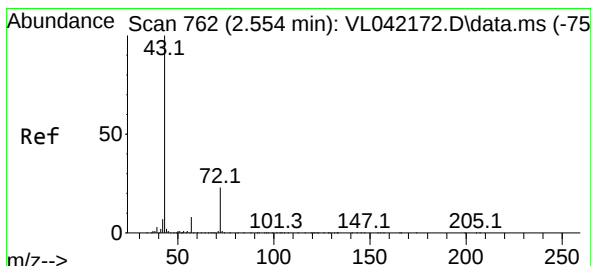
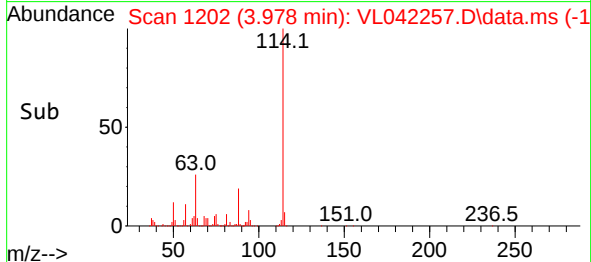
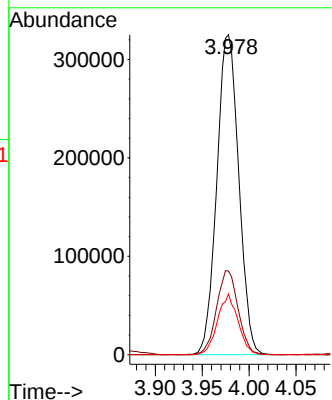
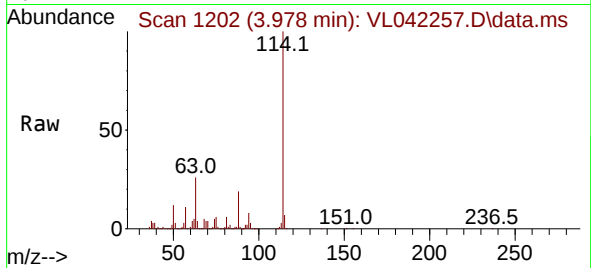




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1194
Delta R.T. 0.026 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

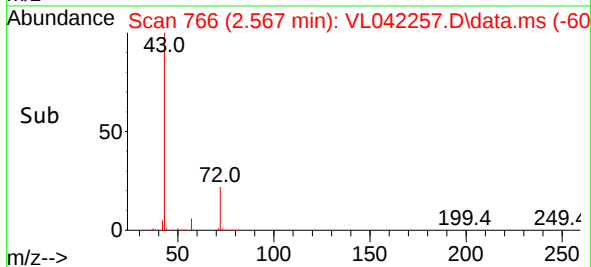
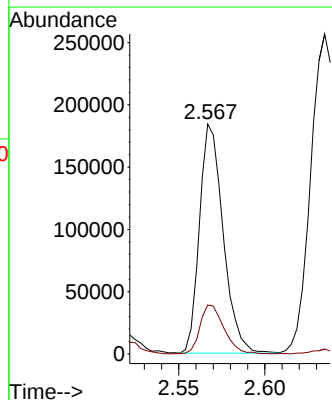
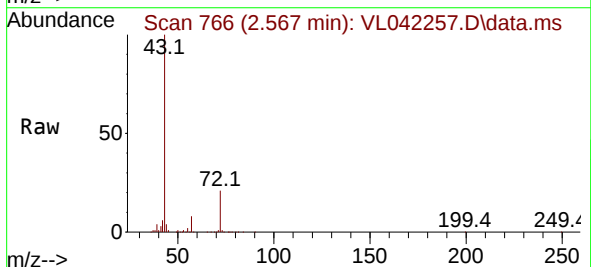
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

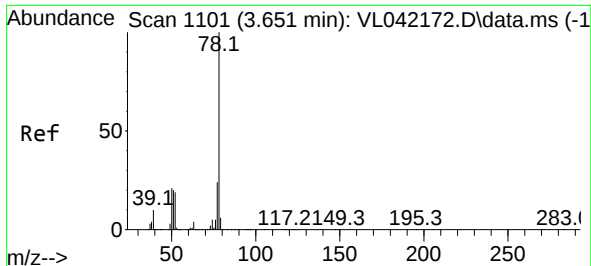
Tgt Ion:114 Resp: 528802
Ion Ratio Lower Upper
114 100
63 25.8 20.7 31.1
88 17.6 15.0 22.4



#34
2-Butanone
Concen: 4.599 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.013 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 43 Resp: 176337
Ion Ratio Lower Upper
43 100
72 21.6 18.2 27.2

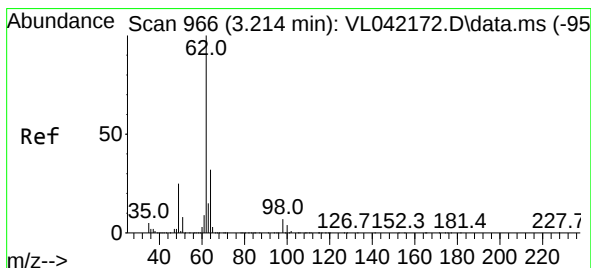
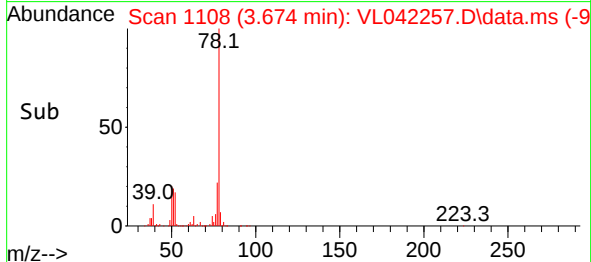
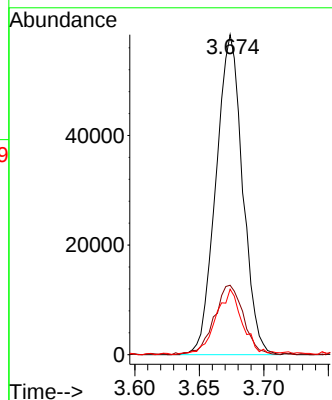
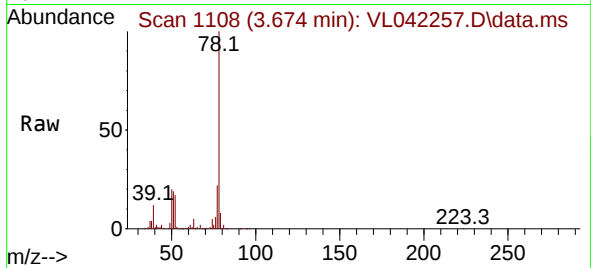




#36
Benzene
Concen: 1.599 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.022 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

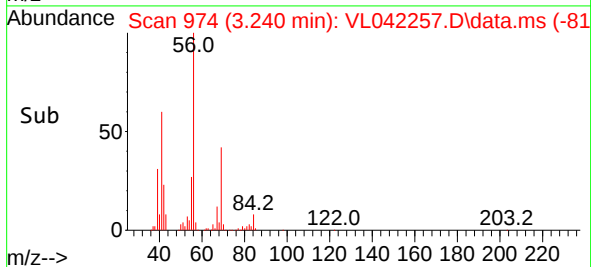
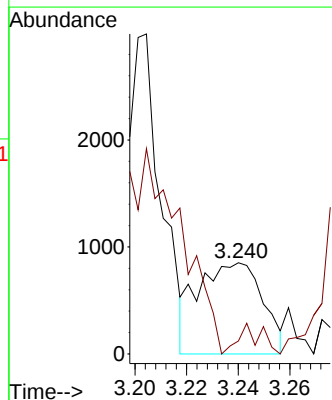
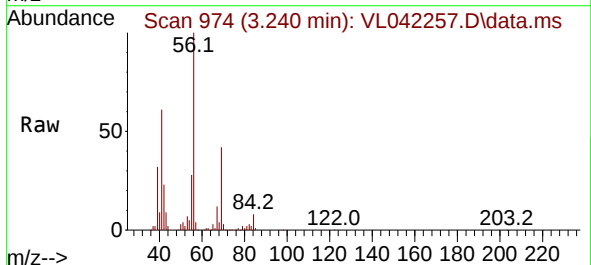
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

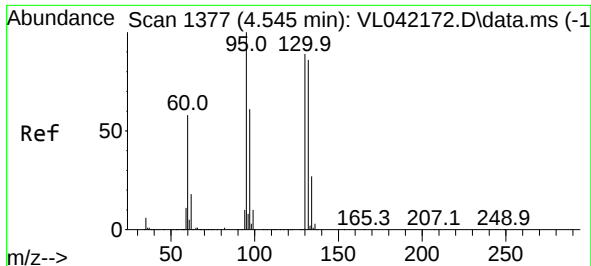
Tgt Ion: 78 Resp: 83844
Ion Ratio Lower Upper
78 100
77 21.6 19.1 28.7
50 19.9 16.6 24.8



#37
1,2-Dichloroethane
Concen: 0.049 ppbv
RT: 3.240 min Scan# 974
Delta R.T. 0.026 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 62 Resp: 1484
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.2#

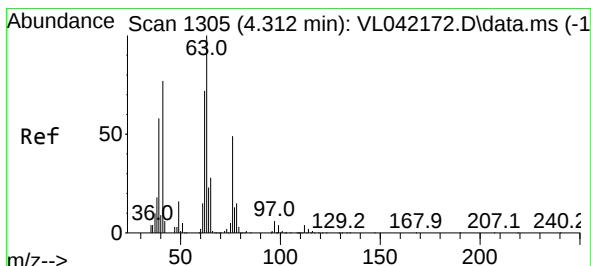
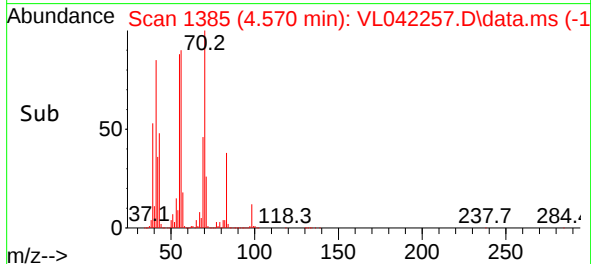
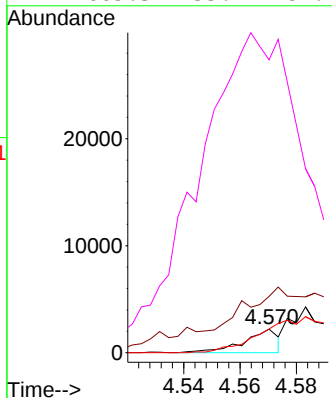
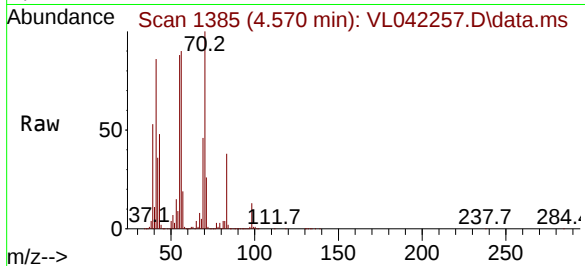




#38
 Trichloroethene
 Concen: 0.084 ppbv
 RT: 4.570 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: VL042257.D
 Acq: 08 Apr 2025 11:26

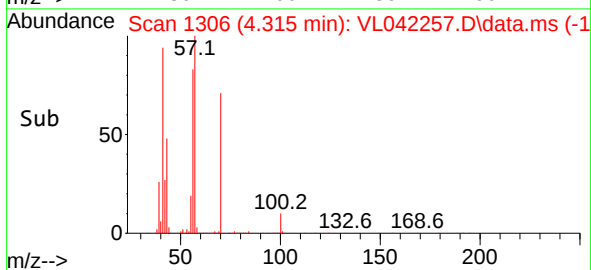
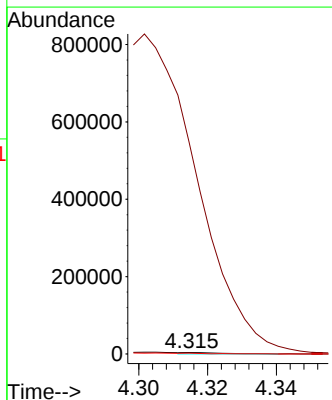
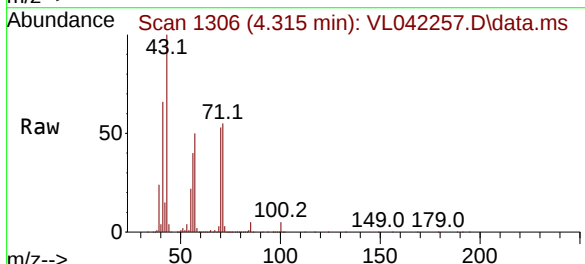
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-2-04022025

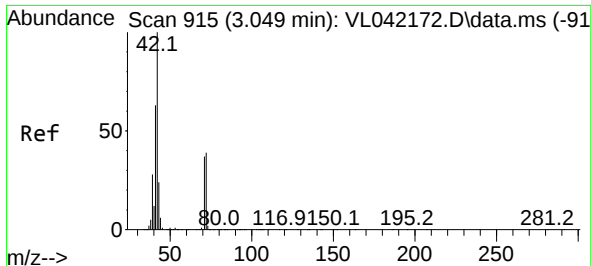
Tgt Ion:130 Resp: 1834
 Ion Ratio Lower Upper
 130 100
 95 169.0 89.8 134.8#
 132 100.3 77.4 116.2
 97 665.3 55.1 82.7#



#39
 1,2-Dichloropropane
 Concen: 0.141 ppbv
 RT: 4.315 min Scan# 1306
 Delta R.T. 0.003 min
 Lab File: VL042257.D
 Acq: 08 Apr 2025 11:26

Tgt Ion: 63 Resp: 2695
 Ion Ratio Lower Upper
 63 100
 41 14533.5 61.7 92.5#
 62 54.8 57.6 86.4#

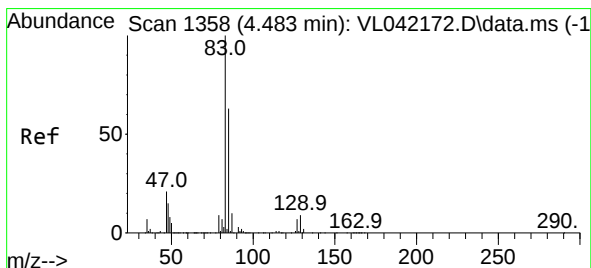
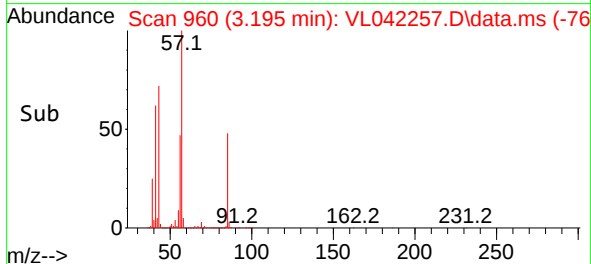
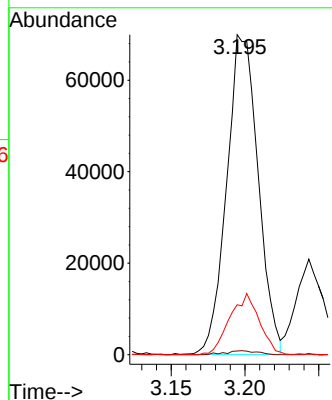
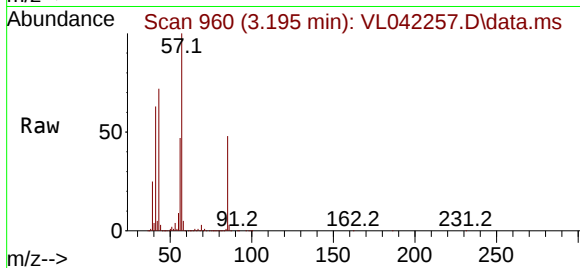




#41
Tetrahydrofuran
Concen: 4.689 ppbv
RT: 3.195 min Scan# 915
Delta R.T. 0.145 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

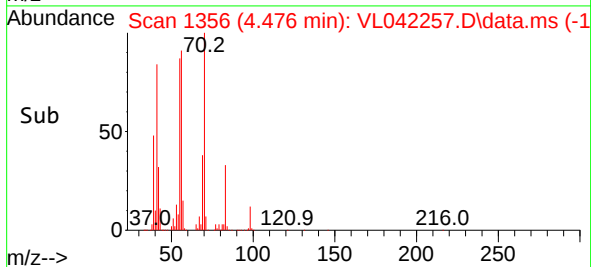
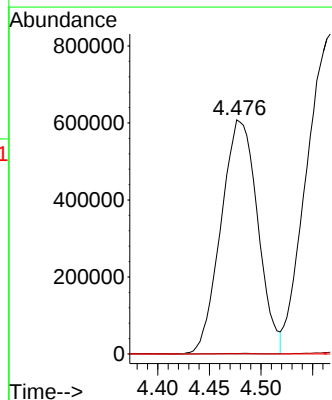
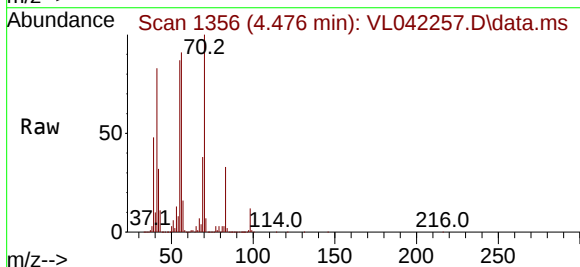
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

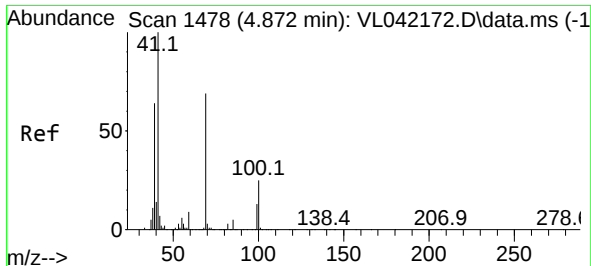
Tgt Ion: 42 Resp: 103531
Ion Ratio Lower Upper
42 100
72 1.2 31.4 47.0#
71 18.2 30.2 45.4#



#42
Bromodichloromethane
Concen: 36.285 ppbv
RT: 4.476 min Scan# 1356
Delta R.T. -0.007 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 83 Resp: 1501369
Ion Ratio Lower Upper
83 100
85 0.1 50.5 75.7#
127 0.0 5.9 8.9#

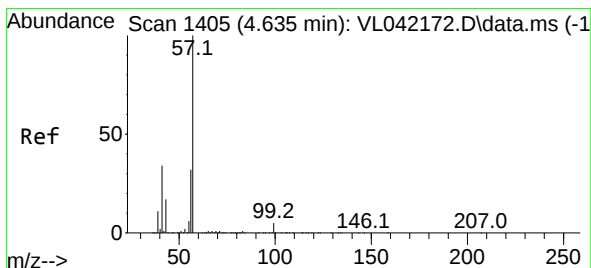
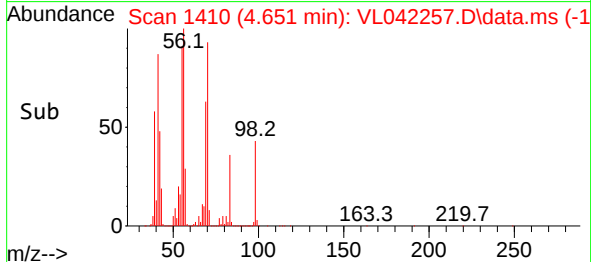
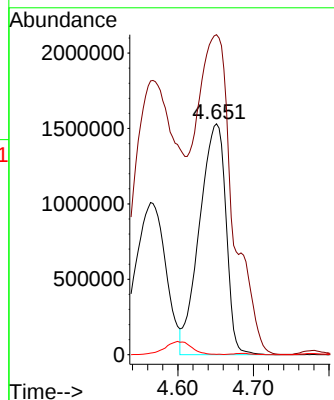
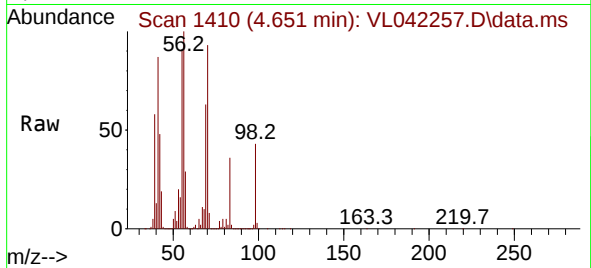




#43
Methyl Methacrylate
Concen: 168.047 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.220 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

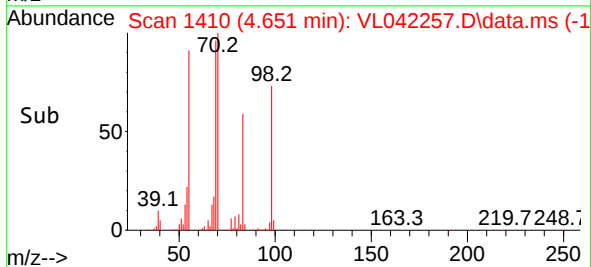
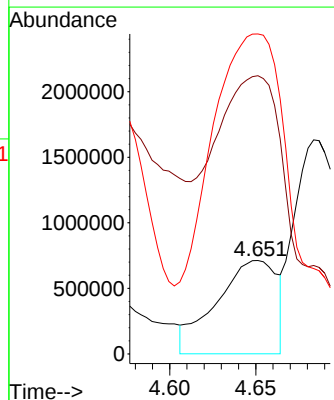
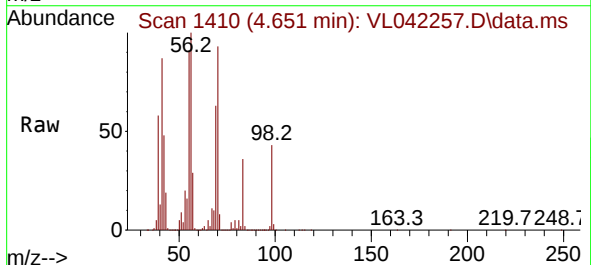
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

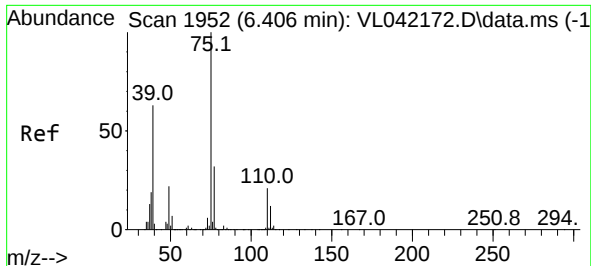
Tgt Ion: 69 Resp: 3729447
Ion Ratio Lower Upper
69 100
41 194.3 123.8 185.6#
100 0.4 28.4 42.6#



#44
2,2,4-Trimethylpentane
Concen: 19.719 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 57 Resp: 1746952
Ion Ratio Lower Upper
57 100
41 429.4 26.8 40.2#
56 485.7 25.6 38.4#





#45

t-1,3-Dichloropropene

Concen: 0.046 ppbv

RT: 6.444 min Scan# 1952

Delta R.T. 0.039 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_1

ClientSampleId :

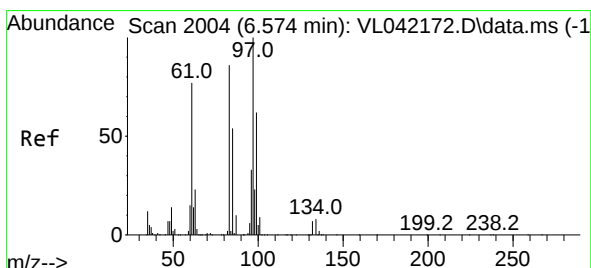
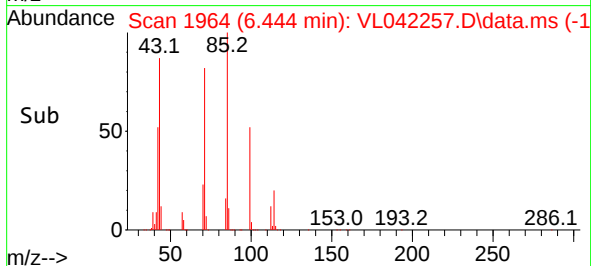
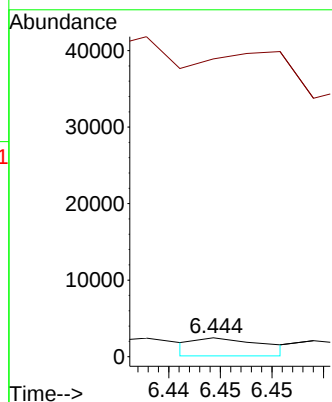
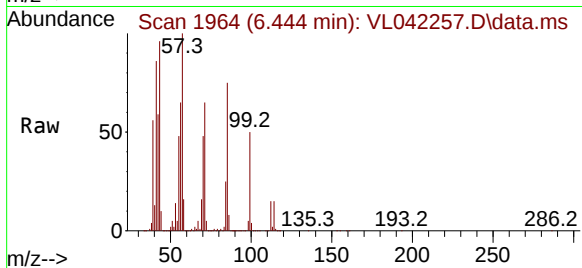
SSSG-B2-2-04022025

Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 1570.9 26.0 39.0#



#47

1,1,2-Trichloroethane

Concen: 196.301 ppbv

RT: 6.645 min Scan# 2026

Delta R.T. 0.071 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Tgt Ion: 97 Resp: 3961806

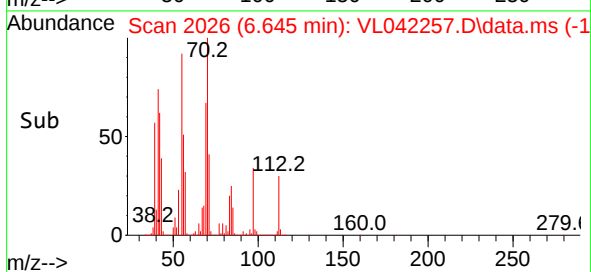
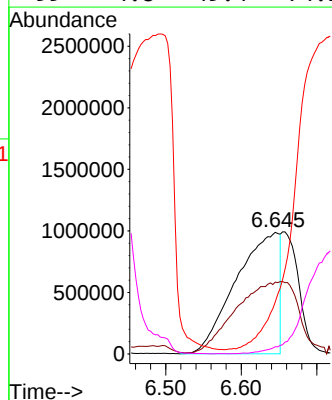
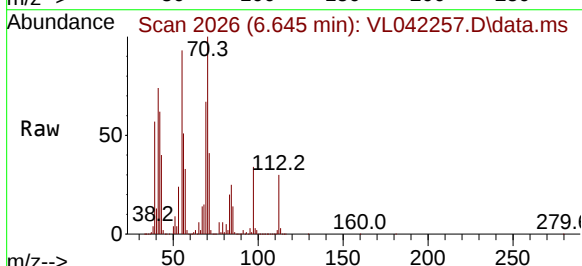
Ion Ratio Lower Upper

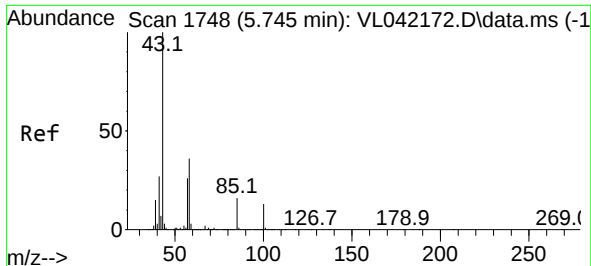
97 100

83 57.9 69.2 103.8#

85 12.2 43.1 64.7#

99 4.8 49.4 74.2#





#50

4-Methyl-2-Pentanone

Concen: 31.787 ppbv

RT: 5.778 min Scan# 1

Delta R.T. 0.032 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_L

ClientSampleId :

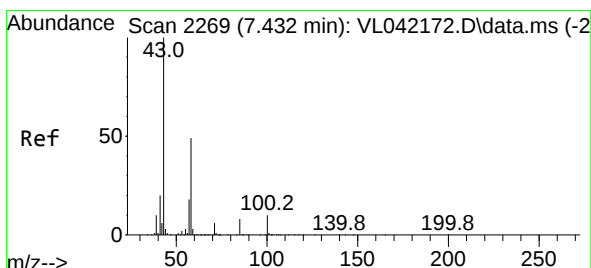
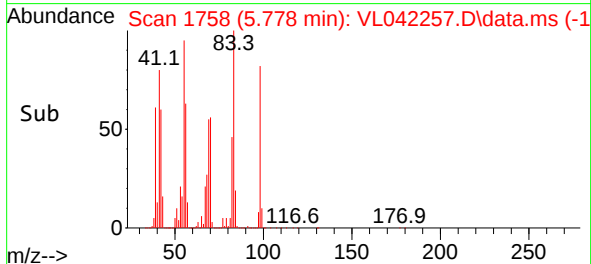
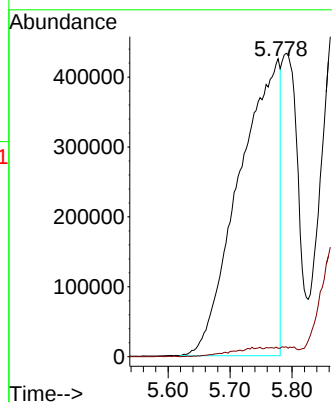
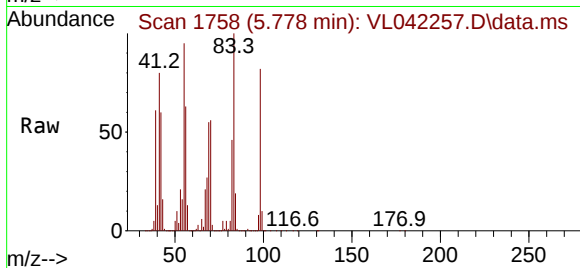
SSSG-B2-2-04022025

Tgt Ion: 43 Resp: 1931642

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



#51

2-Hexanone

Concen: 173.645 ppbv

RT: 7.587 min Scan# 2317

Delta R.T. 0.155 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

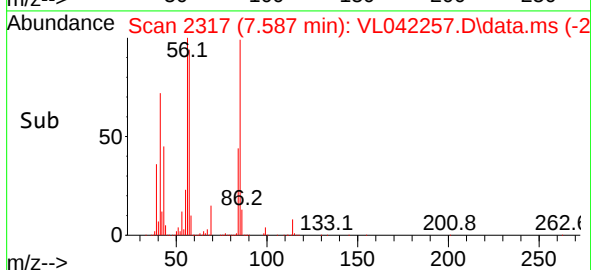
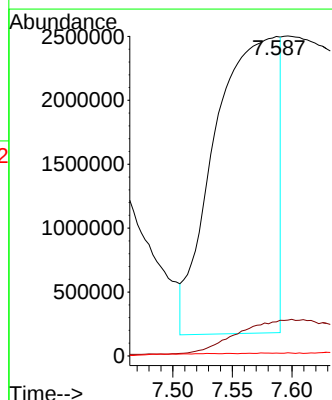
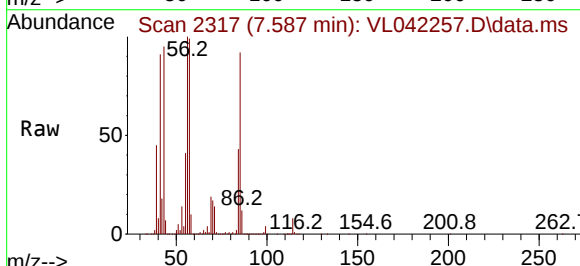
Tgt Ion: 43 Resp: 8665198

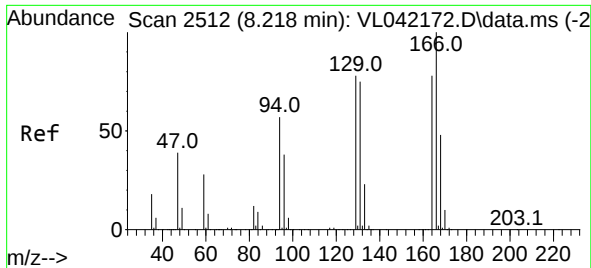
Ion Ratio Lower Upper

43 100

58 0.0 39.7 59.5#

98 0.0 0.1 0.1#

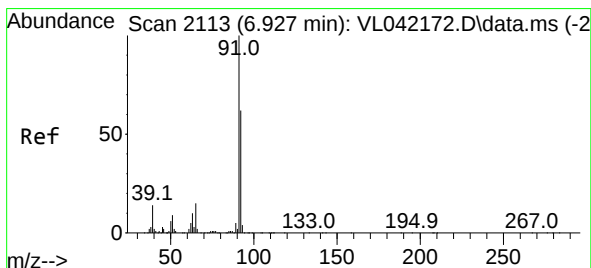
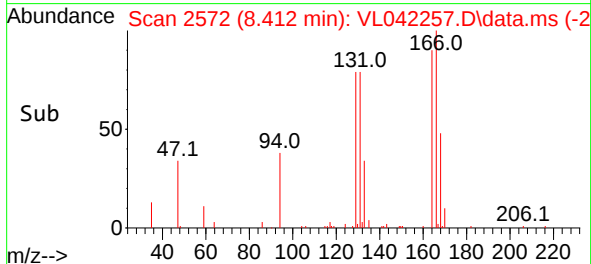
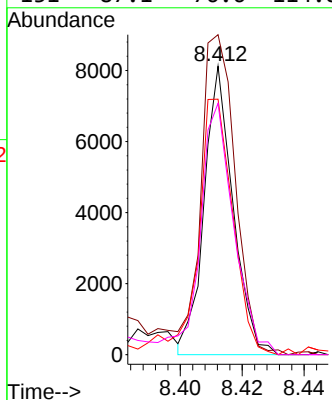
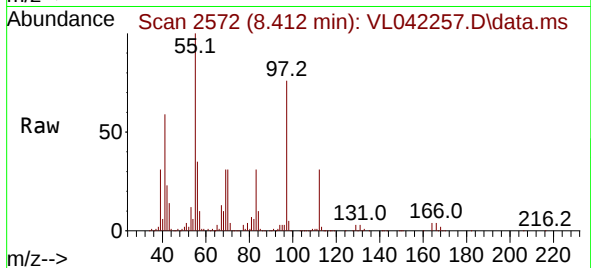




#52
Tetrachloroethene
Concen: 0.254 ppbv
RT: 8.412 min Scan# 2144
Delta R.T. 0.194 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

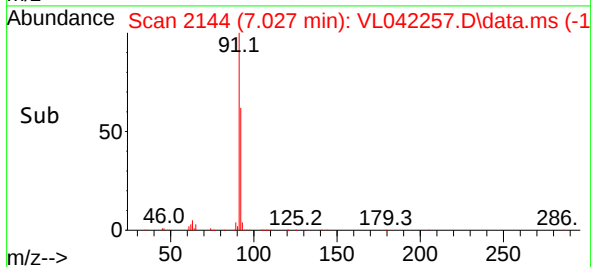
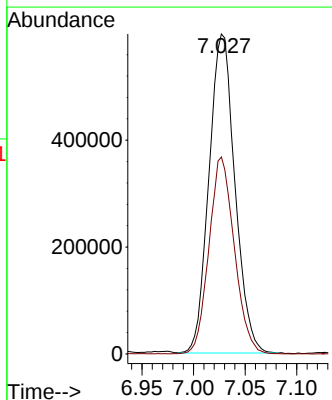
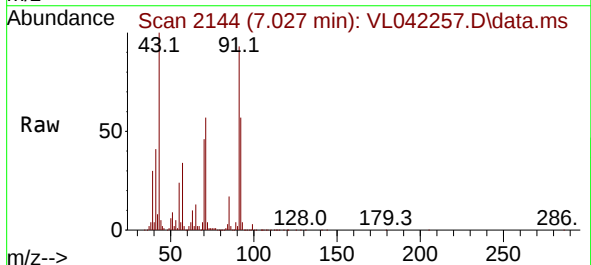
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

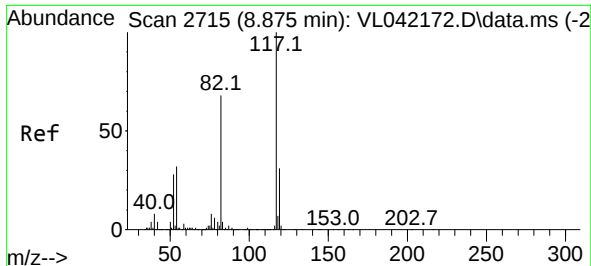
Tgt Ion:164	Resp:	5280	
Ion	Ratio	Lower	Upper
164	100		
166	109.3	102.5	153.7
129	88.5	79.8	119.8
131	87.1	76.6	114.8



#53
Toluene
Concen: 16.783 ppbv
RT: 7.027 min Scan# 2144
Delta R.T. 0.100 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 91	Resp: 1042954
Ion Ratio	Lower Upper
91 100	
92 60.3	48.4 72.6

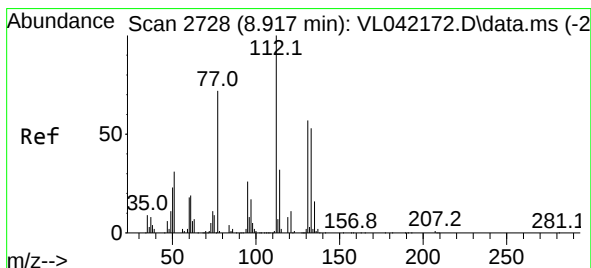
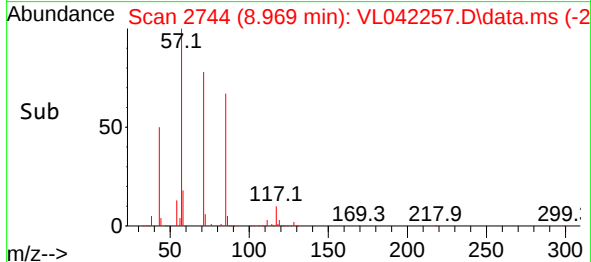
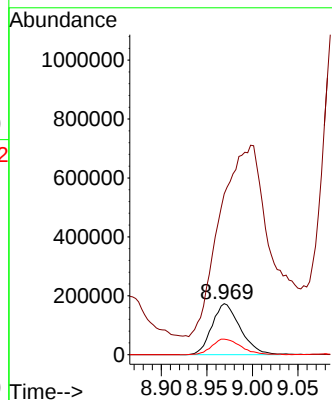
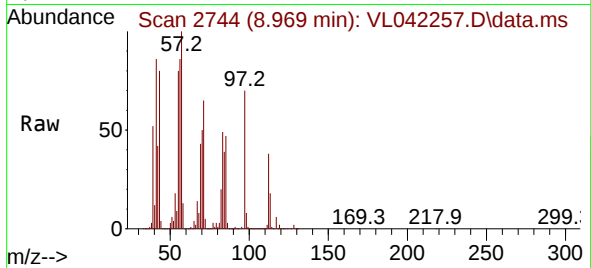




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.969 min Scan# 21
Delta R.T. 0.094 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

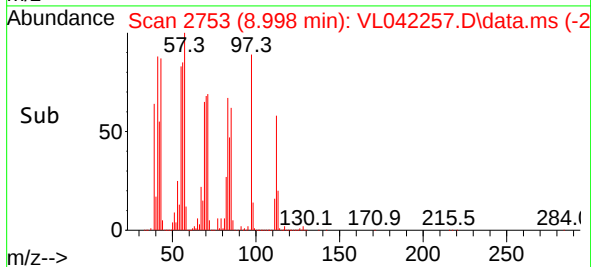
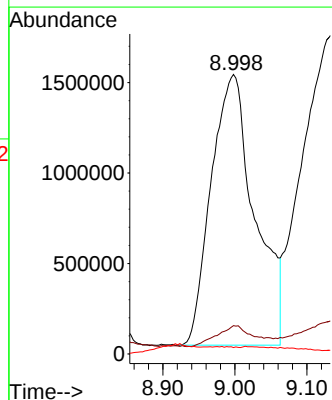
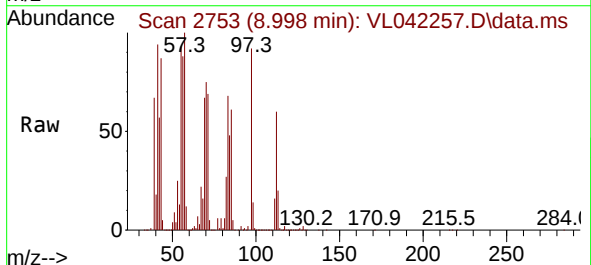
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

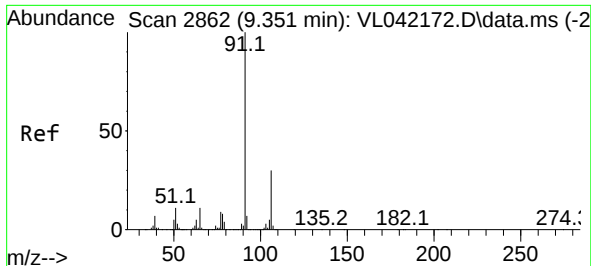
Tgt Ion:117 Resp: 373886
Ion Ratio Lower Upper
117 100
82 782.9 55.8 83.6#
119 31.6 25.5 38.3



#57
Chlorobenzene
Concen: 177.555 ppbv
RT: 8.998 min Scan# 2753
Delta R.T. 0.081 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion:112 Resp: 6296794
Ion Ratio Lower Upper
112 100
77 7.7 58.2 87.2#
114 0.0 29.1 35.5#

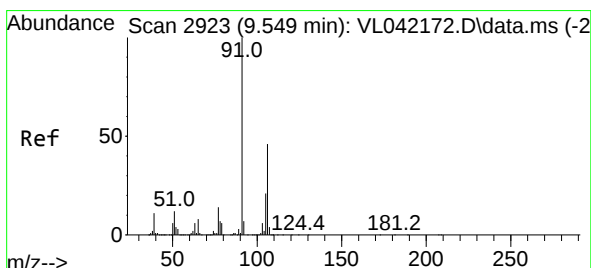
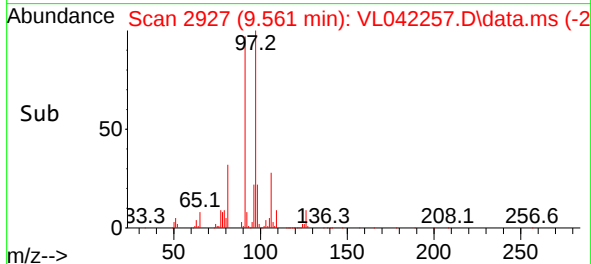
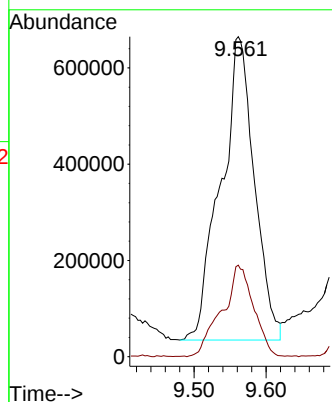
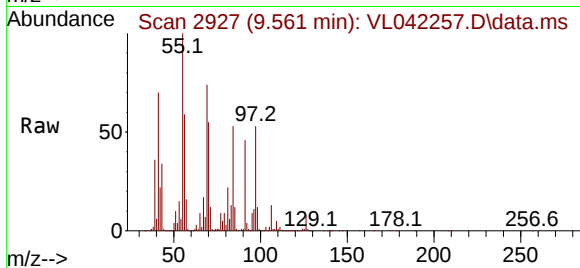




#58
Ethyl Benzene
Concen: 30.659 ppbv
RT: 9.561 min Scan# 2927
Delta R.T. 0.210 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

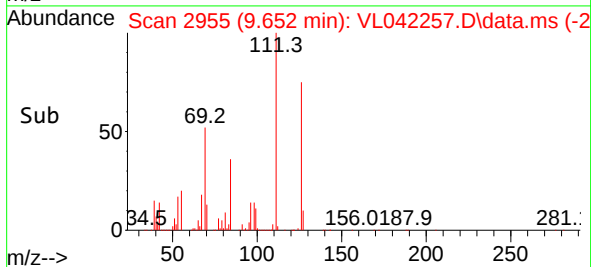
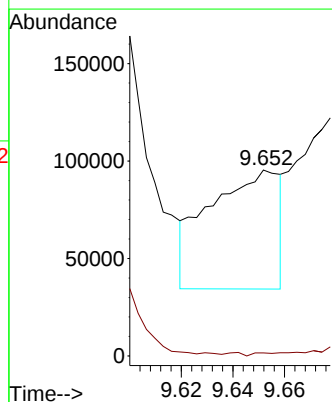
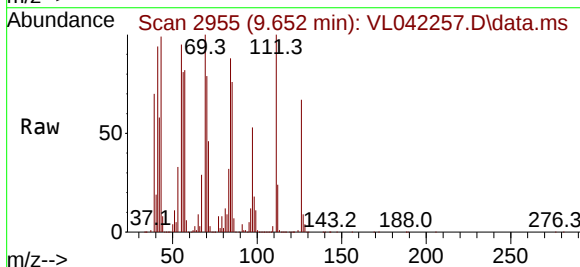
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

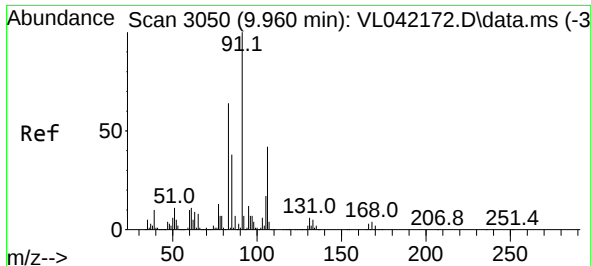
Tgt Ion: 91 Resp: 2036145
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#59
m/p-Xylene
Concen: 2.176 ppbv
RT: 9.652 min Scan# 2955
Delta R.T. 0.103 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 91 Resp: 115406
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6#

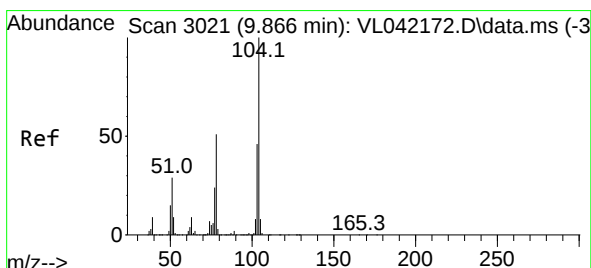
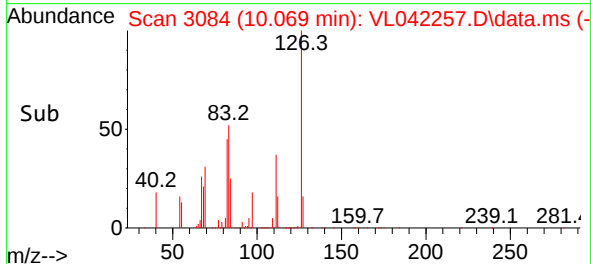
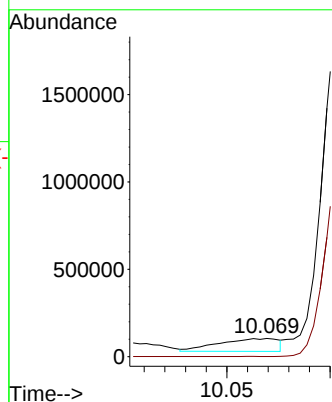
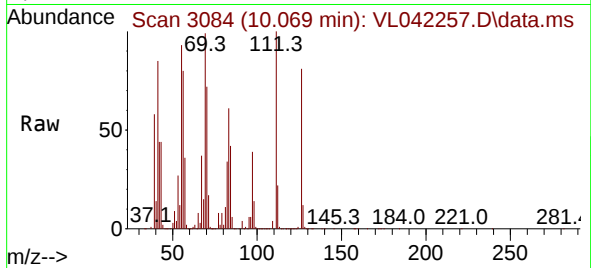




#60
o-Xylene
Concen: 2.781 ppbv
RT: 10.069 min Scan# 3050
Delta R.T. 0.110 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

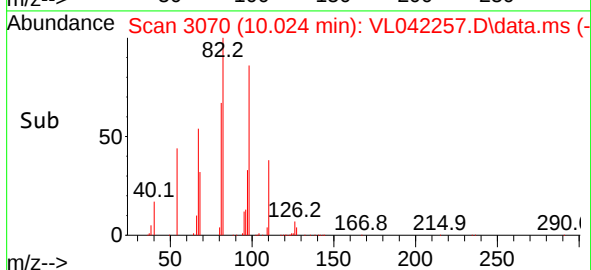
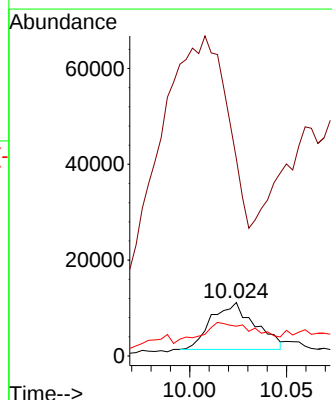
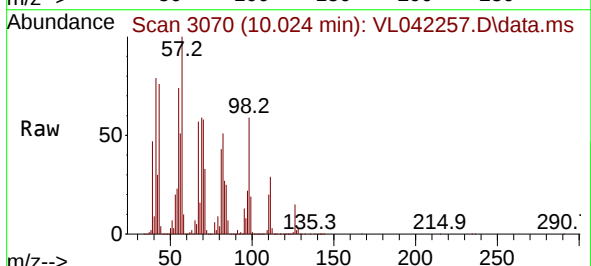
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

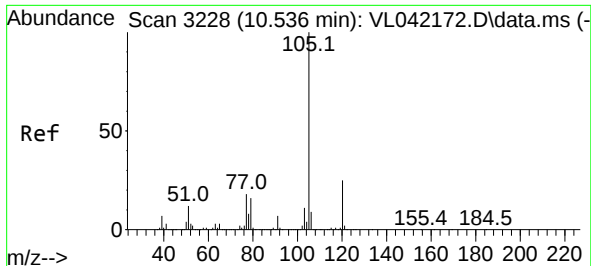
Tgt Ion: 91 Resp: 147864
Ion Ratio Lower Upper
91 100
106 0.0 20.8 62.5#



#61
Styrene
Concen: 0.584 ppbv
RT: 10.024 min Scan# 3070
Delta R.T. 0.158 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 104 Resp: 15358
Ion Ratio Lower Upper
104 100
78 941.4 41.8 62.6#
103 0.0 37.0 55.4#

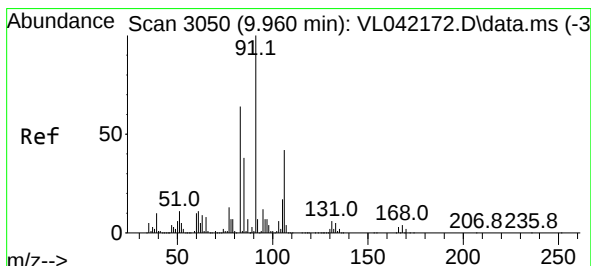
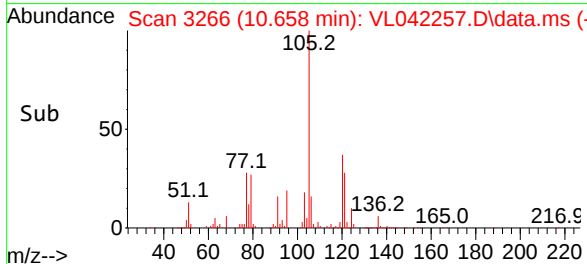
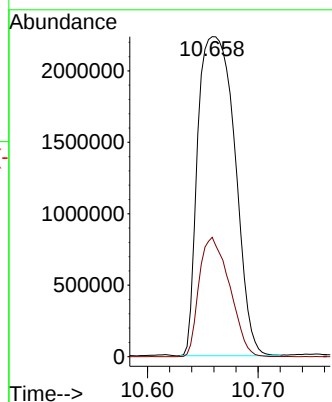
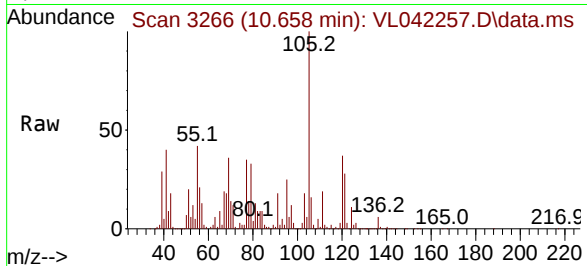




#62
Isopropylbenzene
Concen: 65.193 ppbv
RT: 10.658 min Scan# 31
Delta R.T. 0.123 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

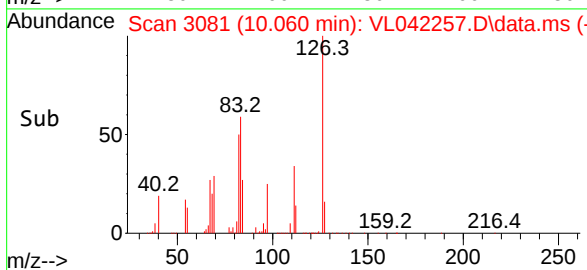
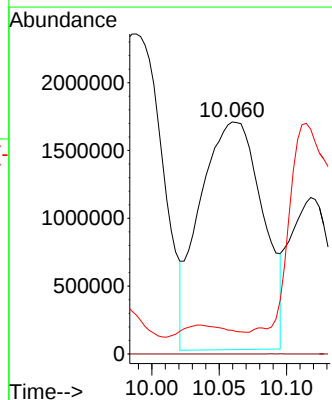
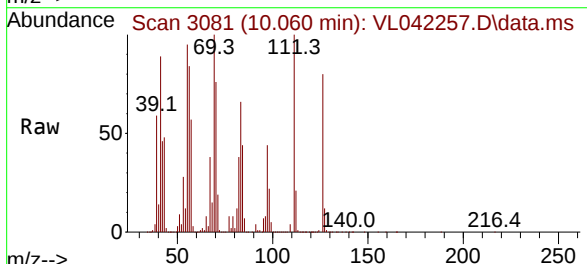
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

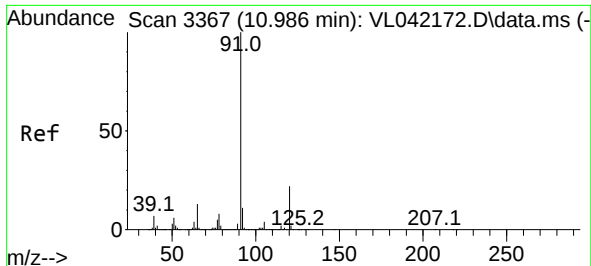
Tgt Ion:105 Resp: 5182735
Ion Ratio Lower Upper
105 100
120 30.9 19.9 29.9#



#63
1,1,2,2-Tetrachloroethane
Concen: 168.486 ppbv
RT: 10.060 min Scan# 3081
Delta R.T. 0.100 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 83 Resp: 5442174
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.5 97.5#

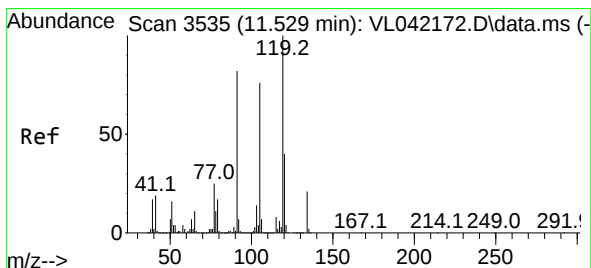
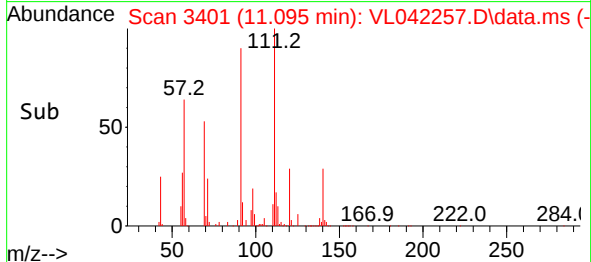
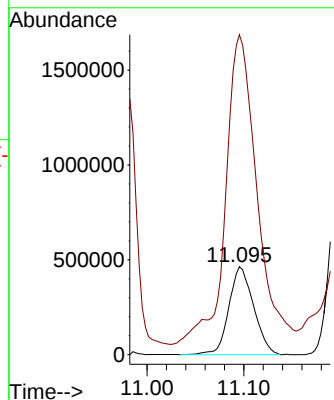
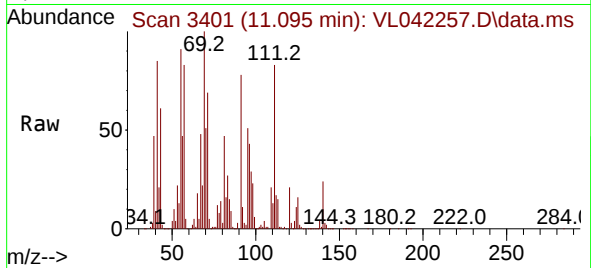




#64
n-propylbenzene
Concen: 40.273 ppbv
RT: 11.095 min Scan# 341
Delta R.T. 0.110 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

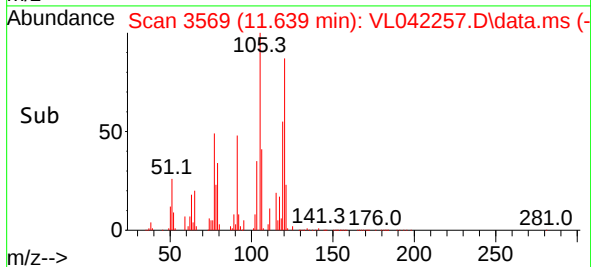
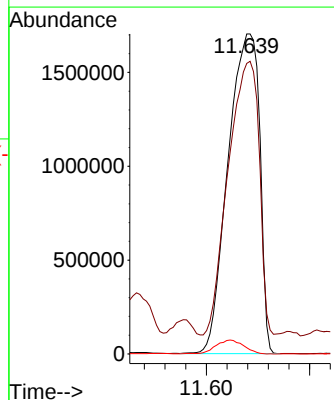
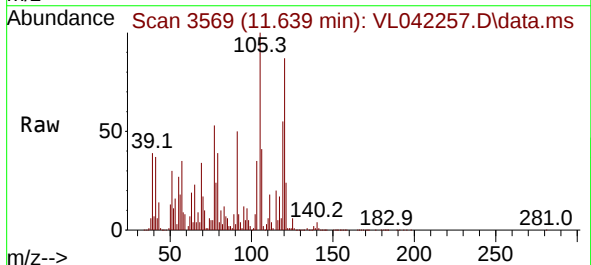
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

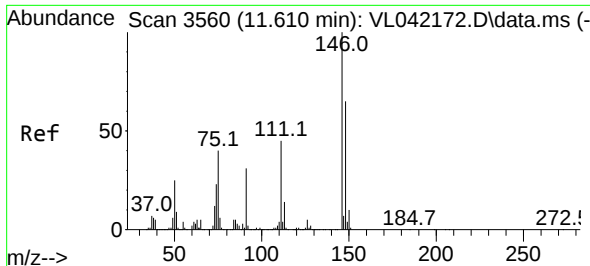
Tgt Ion:120 Resp: 824157
Ion Ratio Lower Upper
120 100
91 441.9 376.9 565.3



#65
tert-Butylbenzene
Concen: 49.241 ppbv
RT: 11.639 min Scan# 3569
Delta R.T. 0.110 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion:119 Resp: 3620382
Ion Ratio Lower Upper
119 100
91 86.6 66.0 99.0
134 3.9 16.7 25.1#

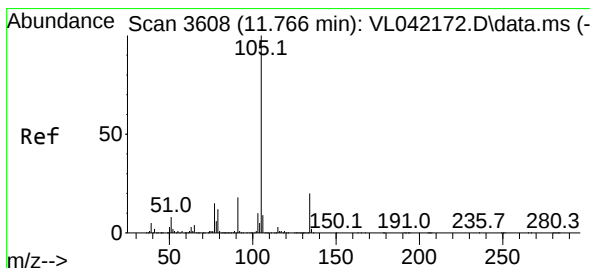
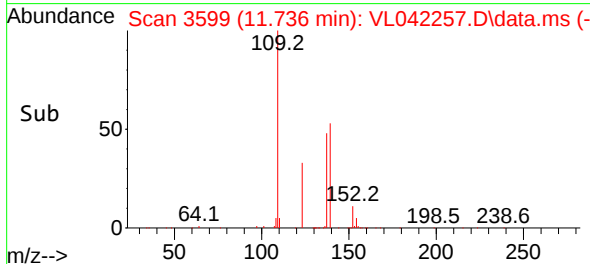
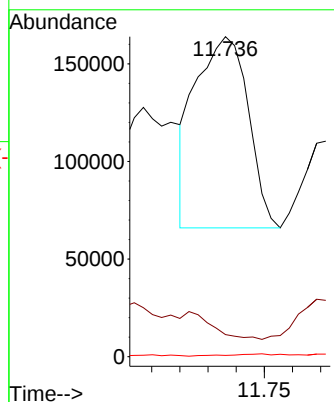
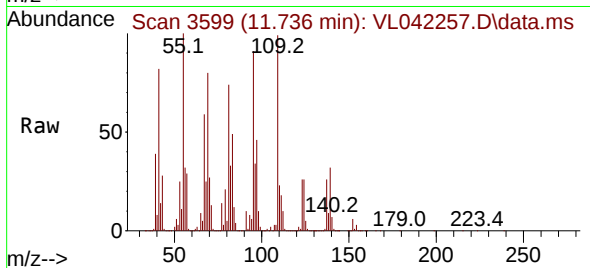




#66
Benzyl Chloride
Concen: 16.333 ppbv
RT: 11.736 min Scan# 311
Delta R.T. 0.126 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

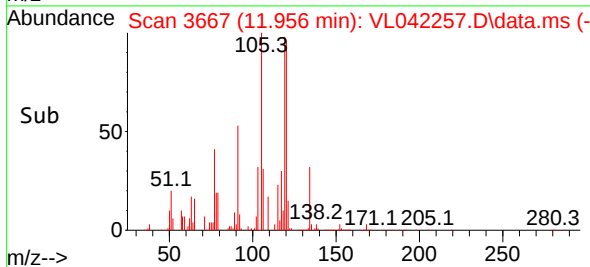
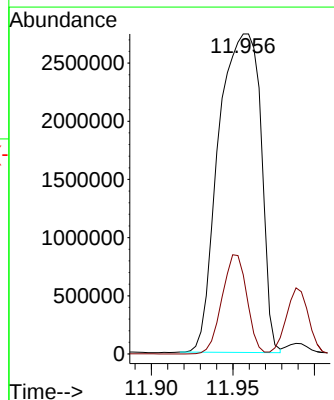
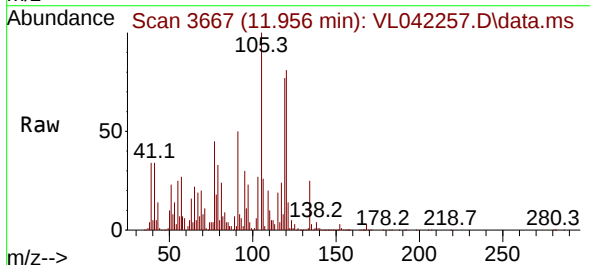
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

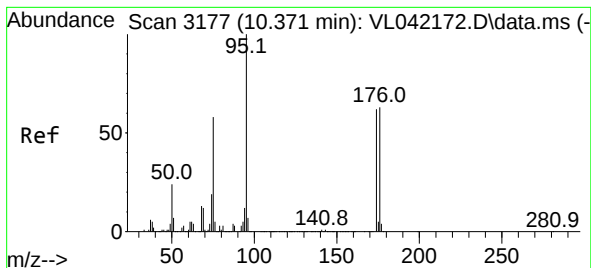
Tgt Ion: 91 Resp: 127416
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.6#
128 0.0 4.5 6.7#



#67
sec-Butylbenzene
Concen: 48.200 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.191 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion:105 Resp: 4925784
Ion Ratio Lower Upper
105 100
134 18.7 15.5 23.3

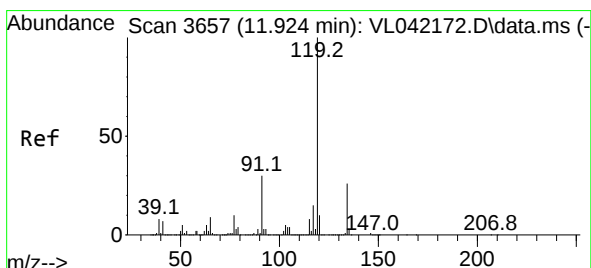
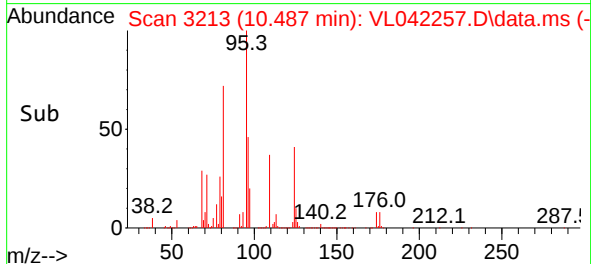
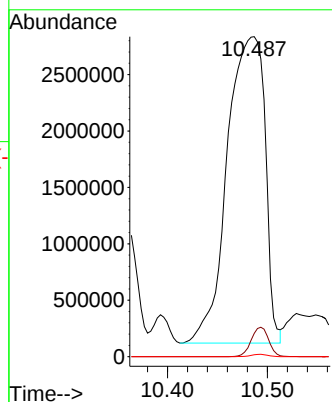
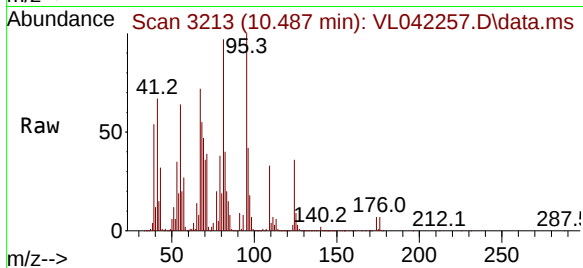




#68
1-Bromo-4-Fluorobenzene
Concen: 232.561 ppbv
RT: 10.487 min Scan# 3177
Delta R.T. 0.116 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

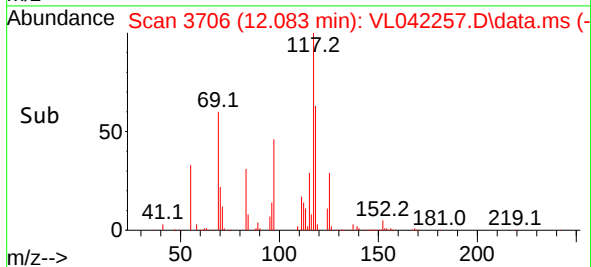
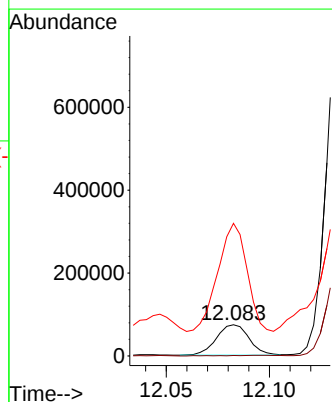
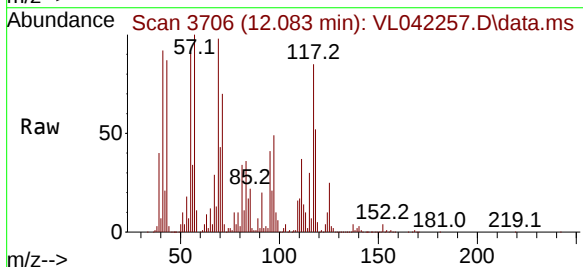
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

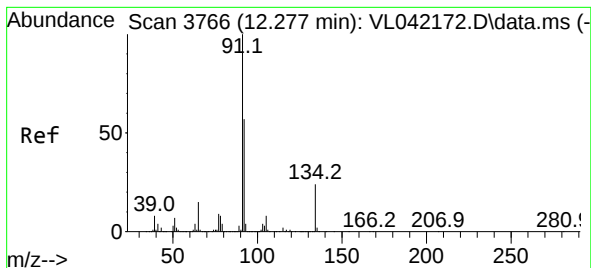
Tgt Ion: 95 Resp: 7140559
Ion Ratio Lower Upper
95 100
174 4.5 50.6 76.0#
175 0.3 3.8 5.6#



#69
p-Isopropyltoluene
Concen: 0.918 ppbv
RT: 12.083 min Scan# 3706
Delta R.T. 0.158 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 119 Resp: 80776
Ion Ratio Lower Upper
119 100
134 0.0 20.4 30.6#
91 398.7 23.7 35.5#

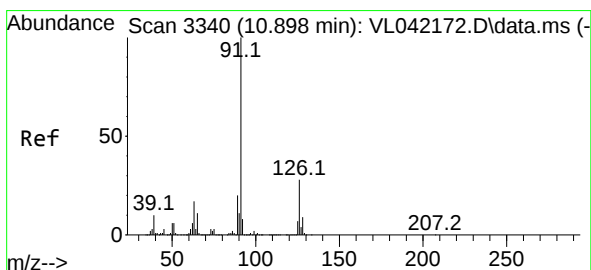
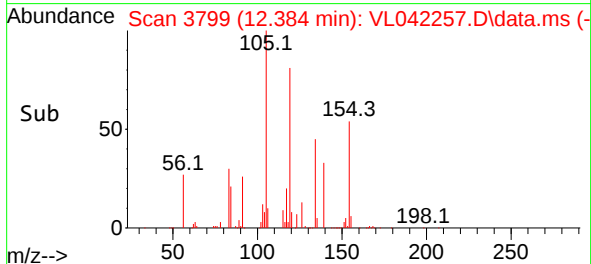
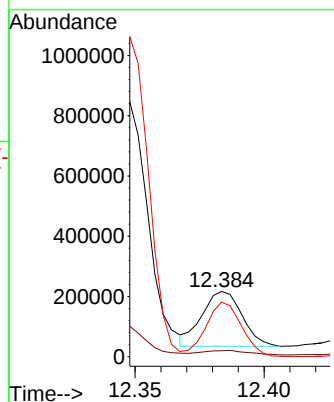
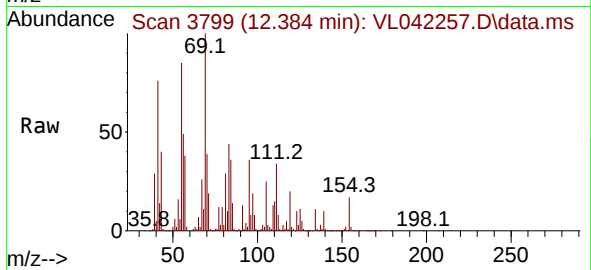




#70
n-Butylbenzene
Concen: 2.187 ppbv
RT: 12.384 min Scan# 31
Delta R.T. 0.107 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

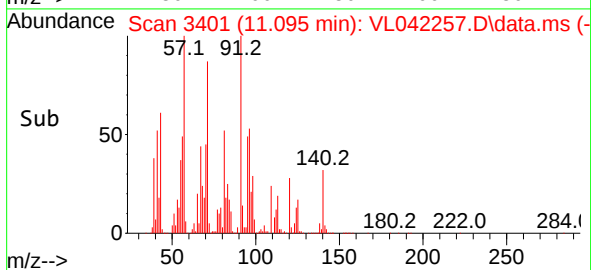
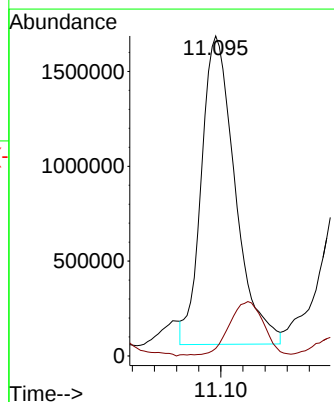
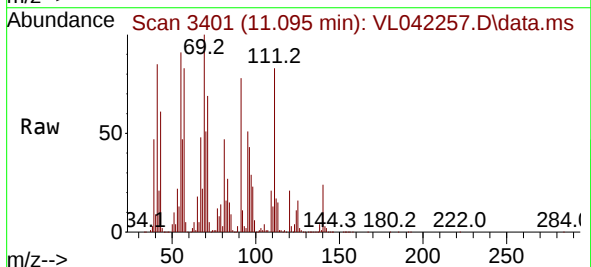
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-2-04022025

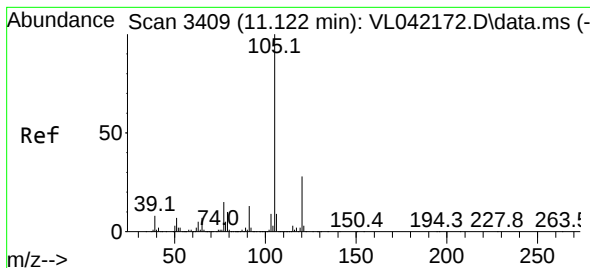
Tgt Ion: 91 Resp: 196855
Ion Ratio Lower Upper
91 100
92 0.0 44.9 67.3#
134 72.4 19.2 28.8#



#71
2-Chlorotoluene
Concen: 55.840 ppbv
RT: 11.095 min Scan# 3401
Delta R.T. 0.197 min
Lab File: VL042257.D
Acq: 08 Apr 2025 11:26

Tgt Ion: 91 Resp: 3445380
Ion Ratio Lower Upper
91 100
126 18.5 11.6 46.4





#72

4-Ethyltoluene

Concen: 183.018 ppbv

RT: 11.225 min Scan# 3409

Delta R.T. 0.103 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-2-04022025

Tgt Ion:105 Resp:12114303

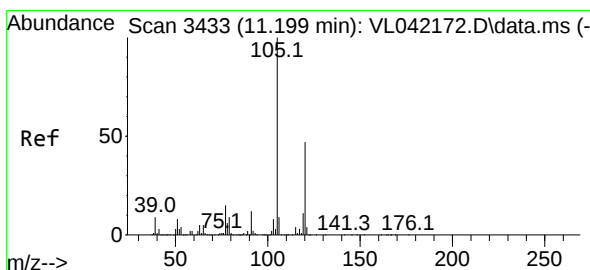
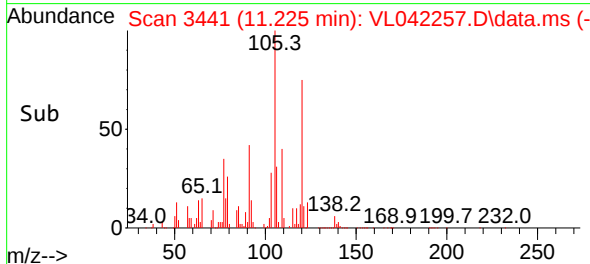
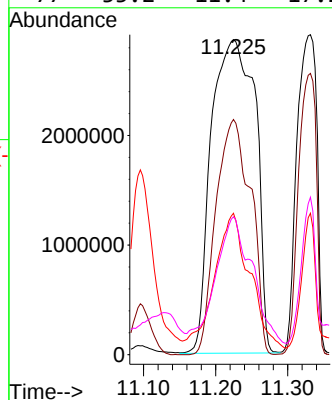
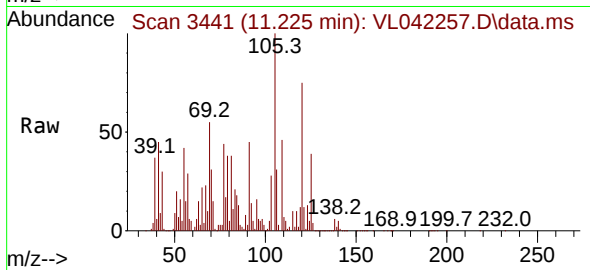
Ion Ratio Lower Upper

105 100

120 59.8 23.4 35.0#

91 34.2 10.3 15.5#

77 33.2 11.4 17.2#



#73

1,3,5-Trimethylbenzene

Concen: 96.463 ppbv

RT: 11.332 min Scan# 3474

Delta R.T. 0.132 min

Lab File: VL042257.D

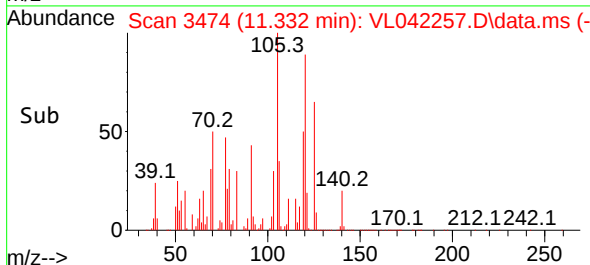
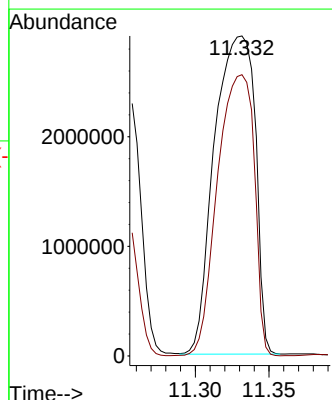
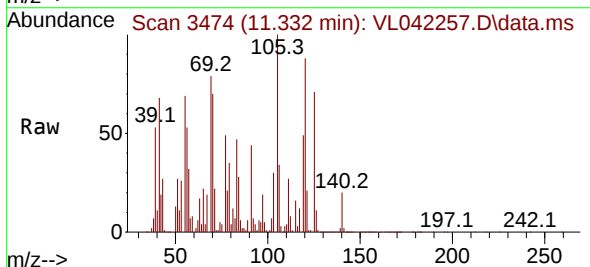
Acq: 08 Apr 2025 11:26

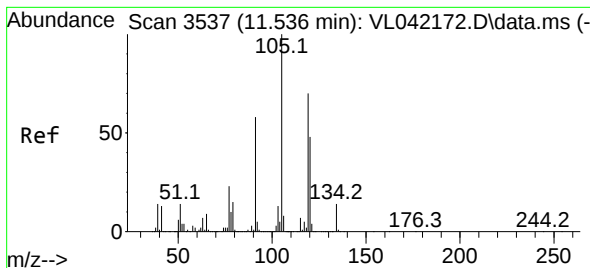
Tgt Ion:105 Resp: 5576526

Ion Ratio Lower Upper

105 100

120 88.4 37.4 56.0#





#74

1,2,4-Trimethylbenzene

Concen: 123.444 ppbv

RT: 11.642 min Scan# 31

Delta R.T. 0.107 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_1

ClientSampleId :

SSSG-B2-2-04022025

Tgt Ion:105 Resp: 8221264

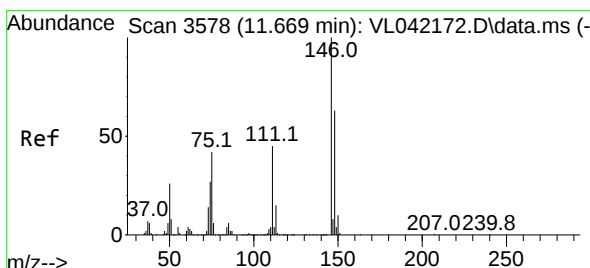
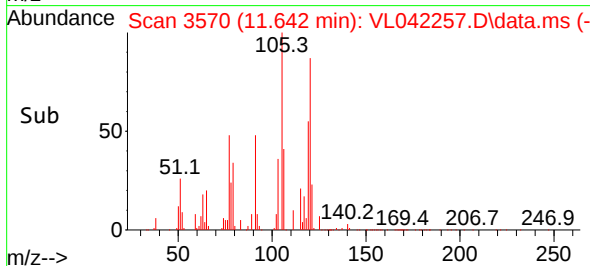
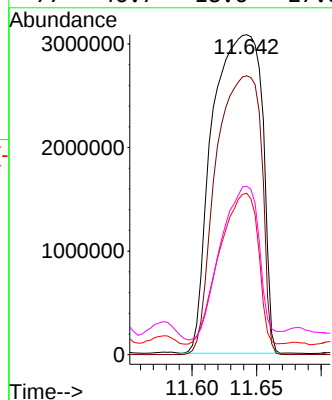
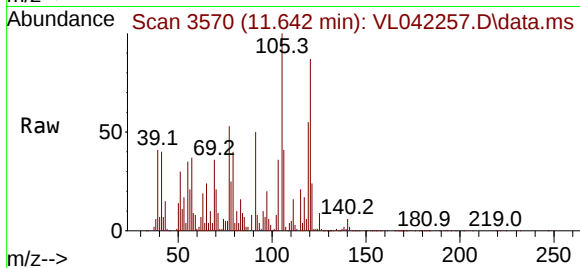
Ion Ratio Lower Upper

105 100

120 87.5 38.6 58.0#

91 47.2 46.2 69.2

77 46.7 18.6 27.8#



#76

1,4-Dichlorobenzene

Concen: 0.049 ppbv

RT: 11.759 min Scan# 3606

Delta R.T. 0.090 min

Lab File: VL042257.D

Acq: 08 Apr 2025 11:26

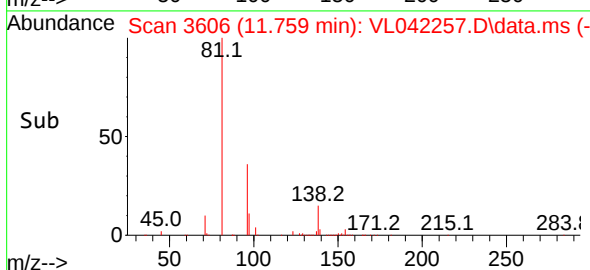
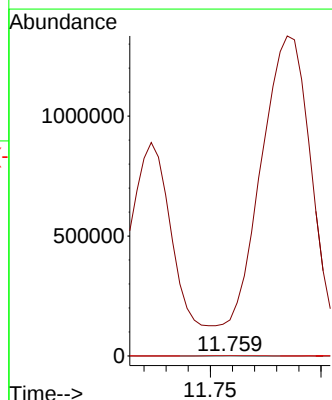
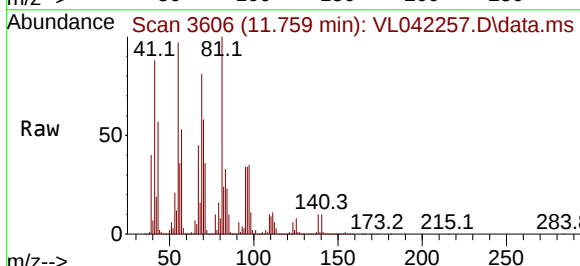
Tgt Ion:146 Resp: 1774

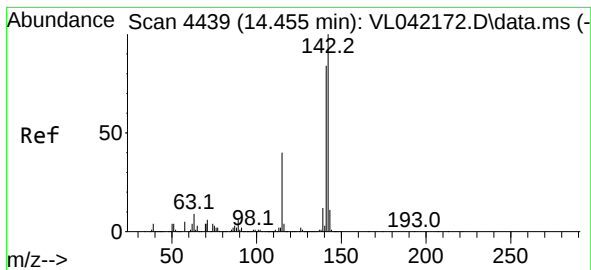
Ion Ratio Lower Upper

146 100

111 108753.3 23.0 69.0#

148 82.0 31.9 95.7





#80

Naphthalene, 2-methyl-

Concen: 0.100 ppbv

RT: 14.474 min Scan# 44

Delta R.T. 0.019 min

Lab File: VL042257.D

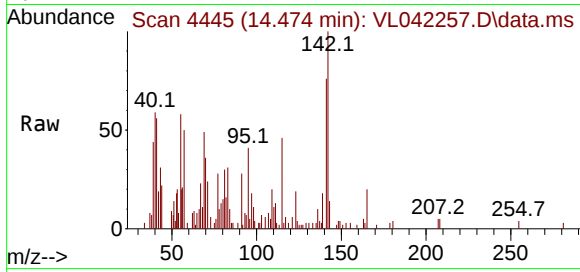
Acq: 08 Apr 2025 11:26

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-2-04022025



Tgt Ion:142 Resp: 3577

Ion Ratio Lower Upper

142 100

141 83.2 66.3 99.5

115 40.5 31.6 47.4

