

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042281.D
 Acq On : 09 Apr 2025 01:49
 Operator : SY/MD
 Sample : Q1728-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-6-04022025

Quant Time: Apr 09 05:21:35 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	2.787	49	153705	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	388271	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	381682	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	292407	9.329	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%

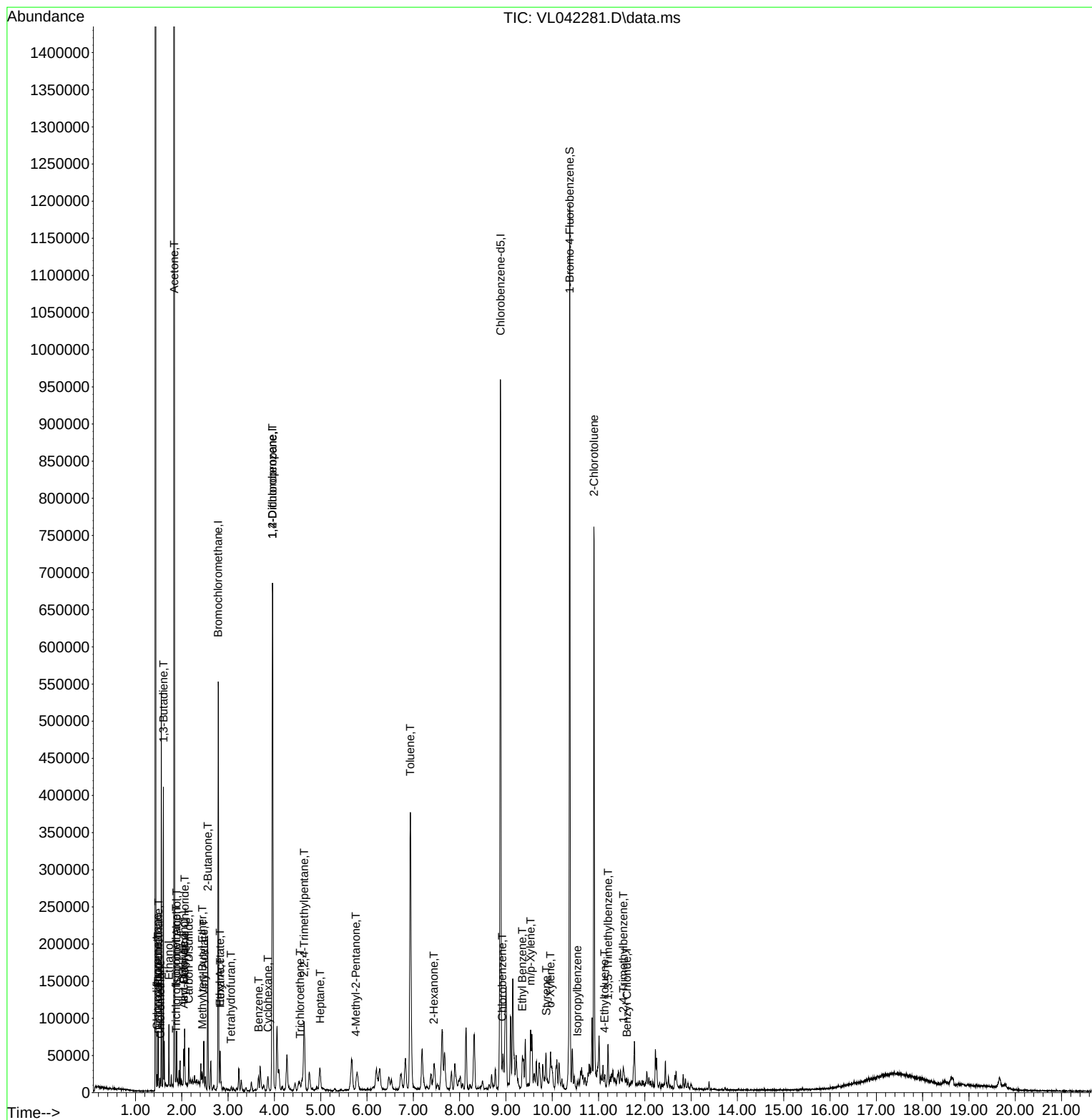
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	3000	0.132	ppbv	89
3) Chlorodifluoromethane	1.466	51	7563	0.326	ppbv #	70
4) Chloromethane	1.534	50	1372	0.148	ppbv #	85
9) Propene	1.486	41	9825	0.925	ppbv #	15
10) Heptane	4.985	43	10112	0.358	ppbv	89
11) Trichlorofluoromethane	1.877	101	1232	0.056	ppbv	99
13) Ethanol	1.722	45	27425	27.301	ppbv	84
15) Acetone	1.835	43	1817333	84.541	ppbv #	87
16) 1,3-Butadiene	1.602	39	40330	3.842	ppbv #	20
17) tert-Butyl alcohol	2.042	59	18264	0.682	ppbv	95
19) Isopropyl Alcohol	1.887	45	26127	2.154	ppbv #	30
20) Methylene Chloride	2.062	84	10120	1.264	ppbv #	81
21) Allyl Chloride	2.046	41	6513	0.430	ppbv #	1
23) Vinyl Acetate	2.476	43	16870	1.813	ppbv #	42
25) Ethyl Acetate	2.826	43	8240	0.148	ppbv #	88
26) Hexane	2.829	57	9763	0.453	ppbv #	32
27) Carbon Disulfide	2.149	76	27478	1.189	ppbv #	83
28) Methyl tert-Butyl Ether	2.444	73	880	0.066	ppbv #	1
30) Cyclohexane	3.858	84	3921	0.210	ppbv #	82
34) 2-Butanone	2.560	43	128691	4.571	ppbv	95
36) Benzene	3.658	78	11702	0.304	ppbv #	93
38) Trichloroethene	4.554	130	557	0.035	ppbv #	13
39) 1,2-Dichloropropane	3.958	63	100762	7.188	ppbv #	23
41) Tetrahydrofuran	3.062	42	649	0.040	ppbv #	37
44) 2,2,4-Trimethylpentane	4.641	57	71853	1.105	ppbv #	79
50) 4-Methyl-2-Pentanone	5.761	43	1868	0.042	ppbv #	39
51) 2-Hexanone	7.441	43	8163	0.223	ppbv #	100
53) Toluene	6.933	91	261772	5.737	ppbv	98
57) Chlorobenzene	8.920	112	6785	0.187	ppbv #	95
58) Ethyl Benzene	9.354	91	19066	0.281	ppbv	93
59) m/p-Xylene	9.532	91	46011	0.850	ppbv	98
60) o-Xylene	9.962	91	20160	0.371	ppbv	99
61) Styrene	9.872	104	4043	0.151	ppbv #	90
62) Isopropylbenzene	10.542	105	3207	0.040	ppbv	98
66) Benzyl Chloride	11.613	91	256	0.032	ppbv #	66
71) 2-Chlorotoluene	10.904	91	267528	4.247	ppbv	98
72) 4-Ethyltoluene	11.128	105	2757	0.041	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.205	105	3106	0.053	ppbv	87
74) 1,2,4-Trimethylbenzene	11.535	105	7115	0.105	ppbv #	66

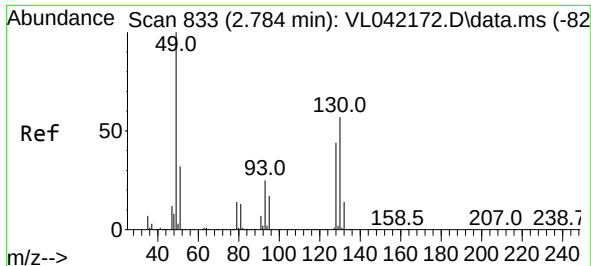
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSSG-B2-6-04022025

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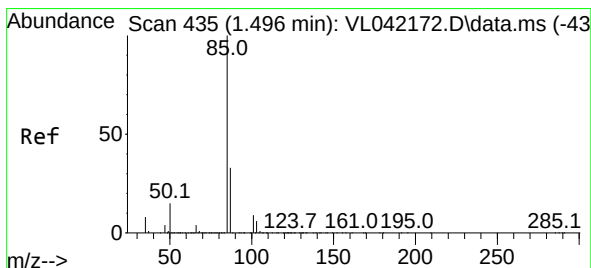
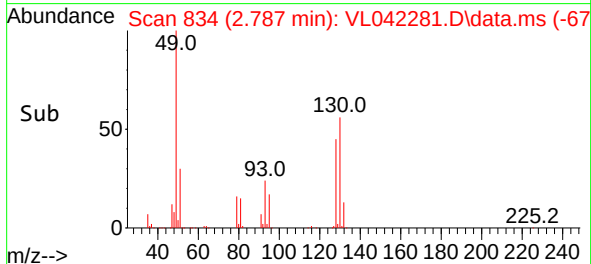
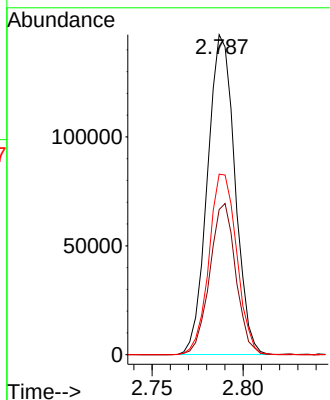
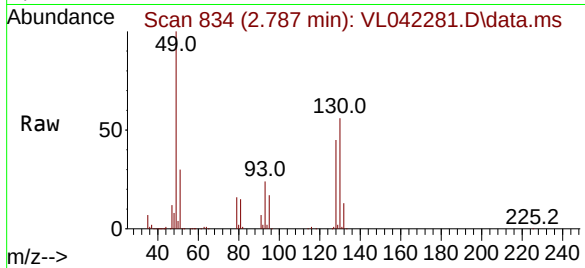




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042281.D
 Acq: 09 Apr 2025 01:49

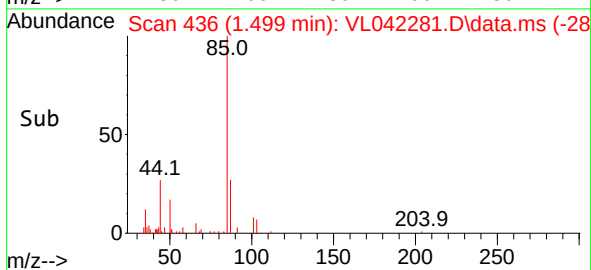
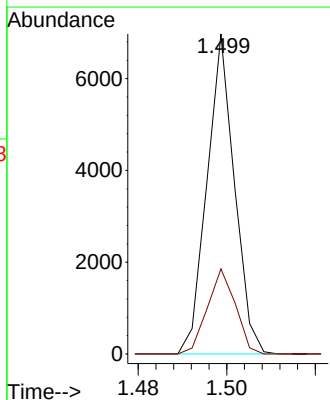
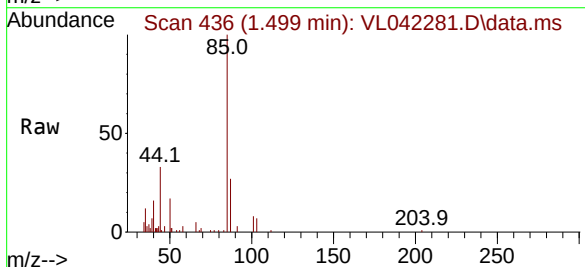
Instrument :
 MSVOA_L
 ClientSampleId :
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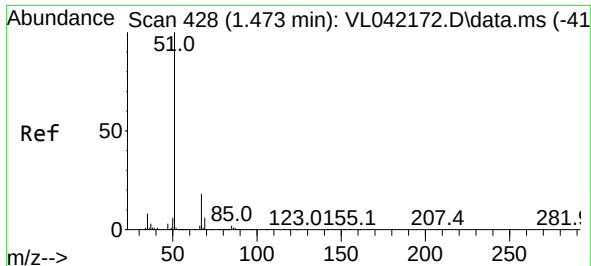
Tgt Ion: 49 Resp: 153705
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.9 68.5
 130 57.1 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.132 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VL042281.D
 Acq: 09 Apr 2025 01:49

Tgt Ion: 85 Resp: 3000
 Ion Ratio Lower Upper
 85 100
 87 26.6 26.1 39.1

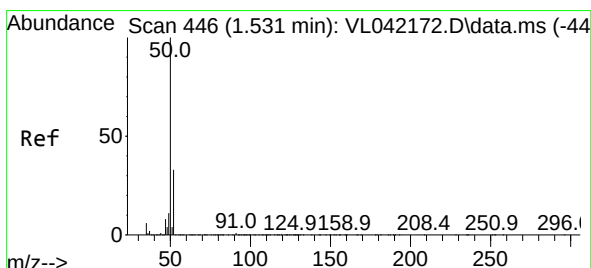
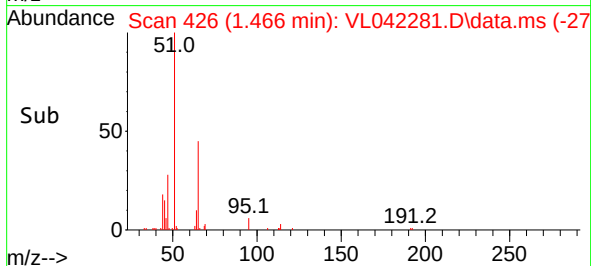
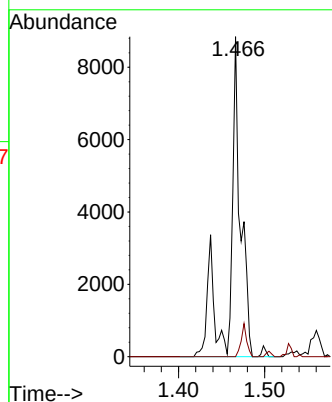
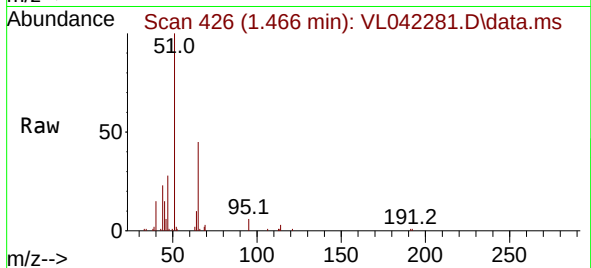




#3
Chlorodifluoromethane
Concen: 0.326 ppbv
RT: 1.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

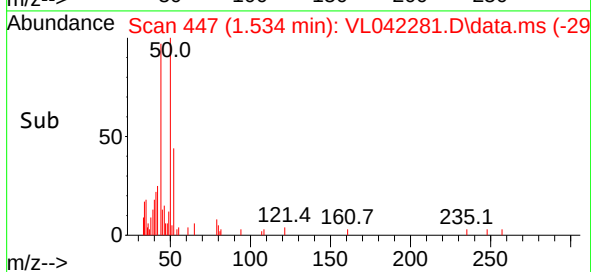
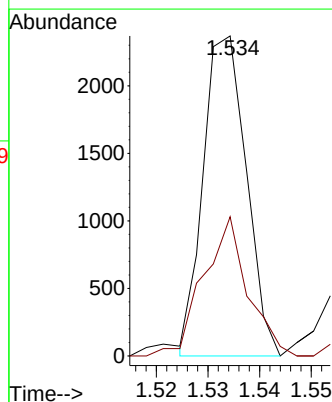
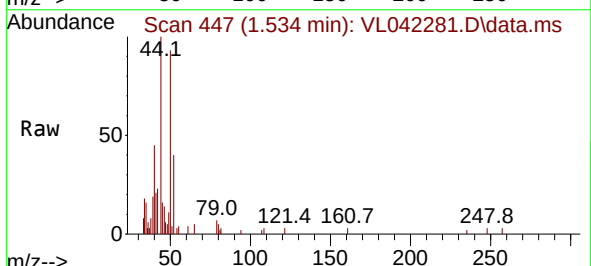
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

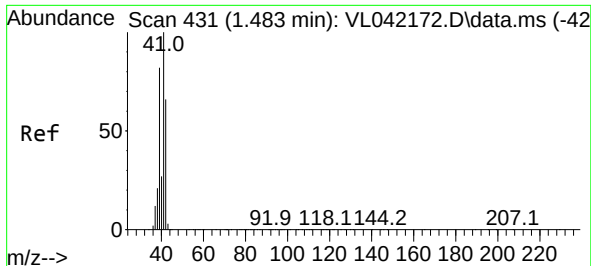
Tgt Ion: 51 Resp: 7563
Ion Ratio Lower Upper
51 100
67 5.4 15.0 22.6#



#4
Chloromethane
Concen: 0.148 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 50 Resp: 1372
Ion Ratio Lower Upper
50 100
52 41.2 26.1 39.1#





#9

Propene

Concen: 0.925 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_L

ClientSampleId :

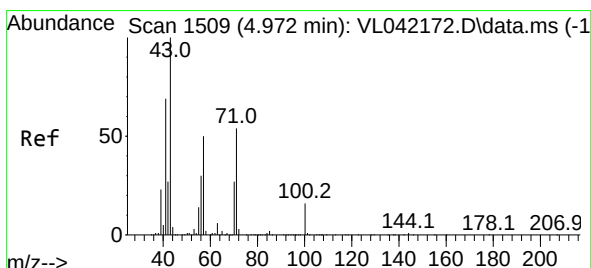
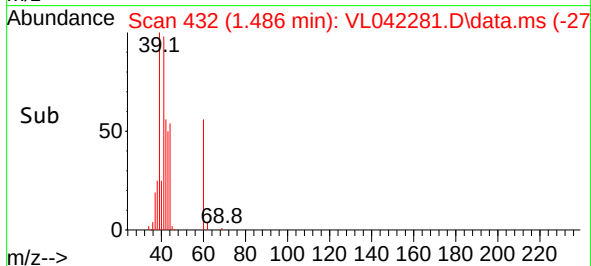
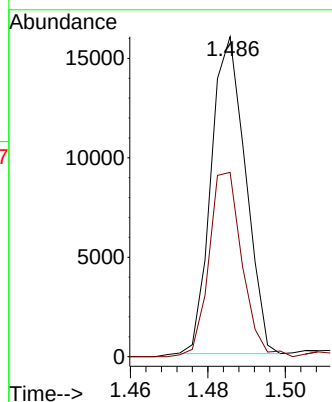
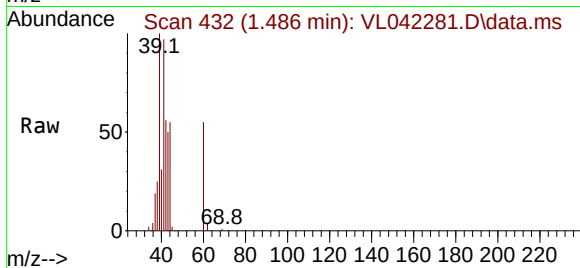
SSSG-B2-6-04022025

Tgt Ion: 41 Resp: 9825

Ion Ratio Lower Upper

41 100

42 0.0 55.4 83.2#



#10

Heptane

Concen: 0.358 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.013 min

Lab File: VL042281.D

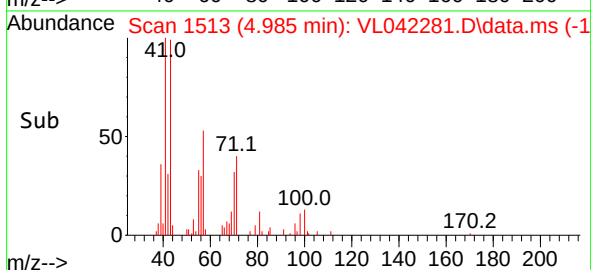
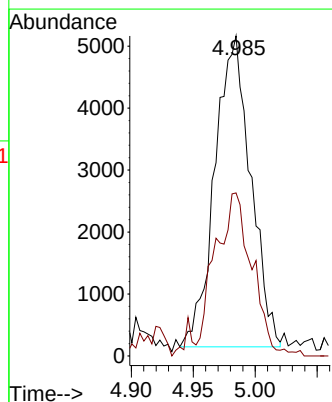
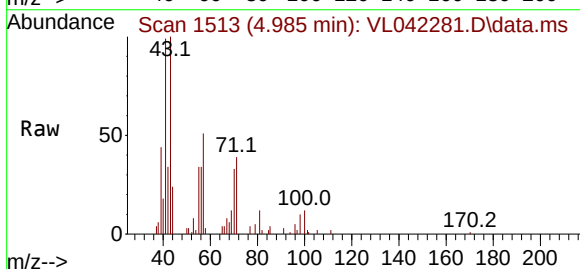
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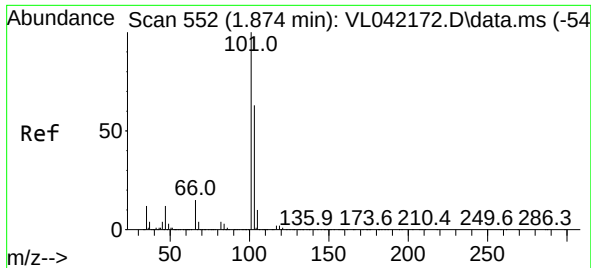
Tgt Ion: 43 Resp: 10112

Ion Ratio Lower Upper

43 100

57 56.7 39.4 59.2

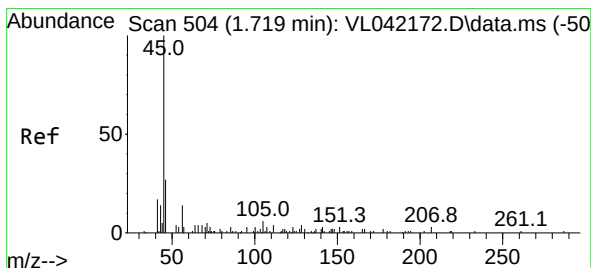
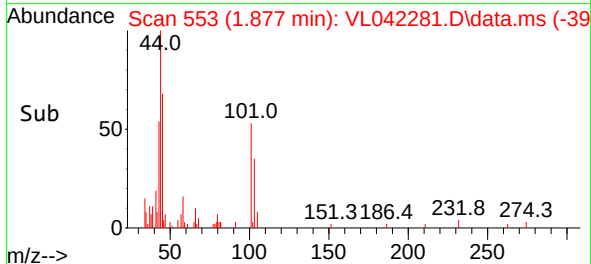
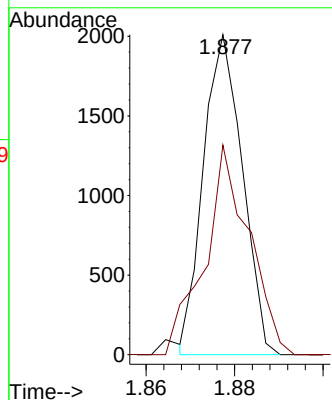
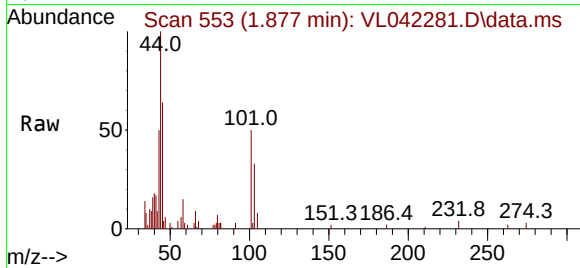




#11
Trichlorofluoromethane
Concen: 0.056 ppbv
RT: 1.877 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

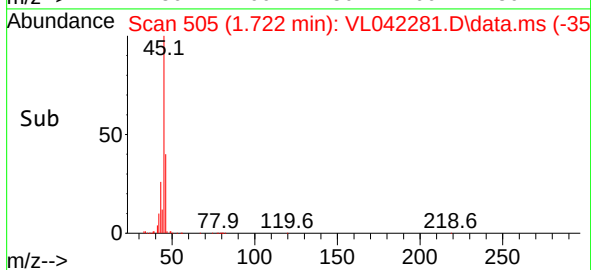
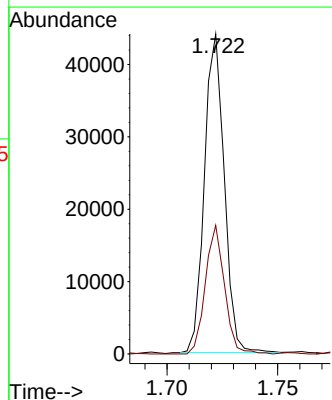
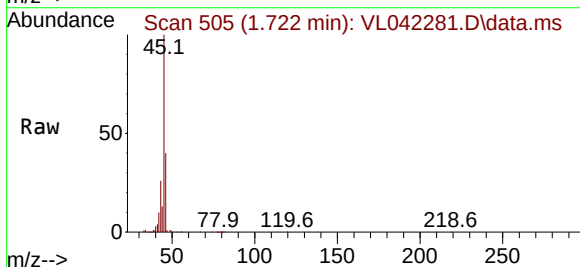
Instrument :
MSVOA_L
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SSSG-B2-6-04022025

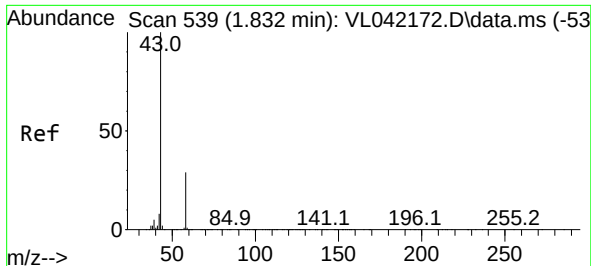
Tgt Ion:101 Resp: 1232
Ion Ratio Lower Upper
101 100
103 61.7 50.2 75.2



#13
Ethanol
Concen: 27.301 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 45 Resp: 27425
Ion Ratio Lower Upper
45 100
46 39.7 20.2 80.8





#15

Acetone

Concen: 84.541 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_1

ClientSampleId :

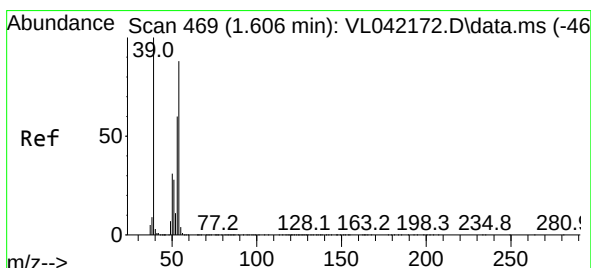
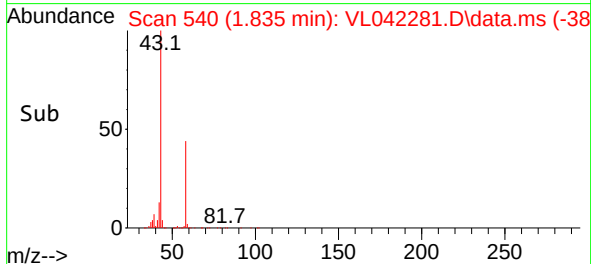
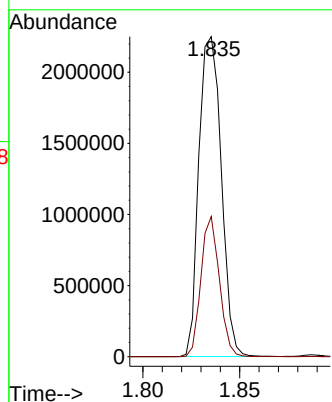
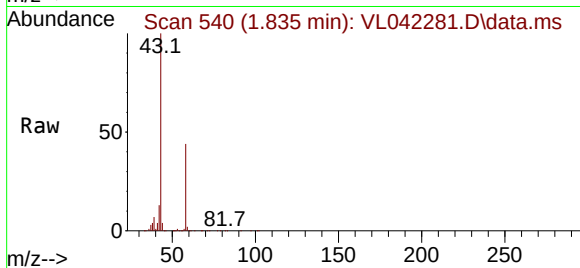
SSSG-B2-6-04022025

Tgt Ion: 43 Resp: 1817333

Ion Ratio Lower Upper

43 100

58 36.1 23.2 34.8#



#16

1,3-Butadiene

Concen: 3.842 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.004 min

Lab File: VL042281.D

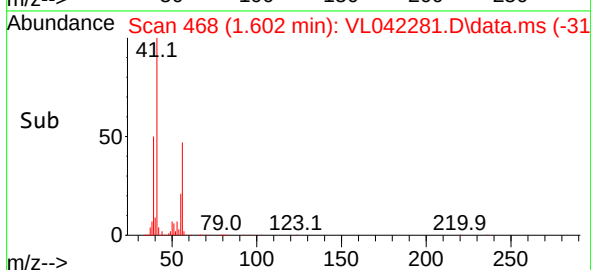
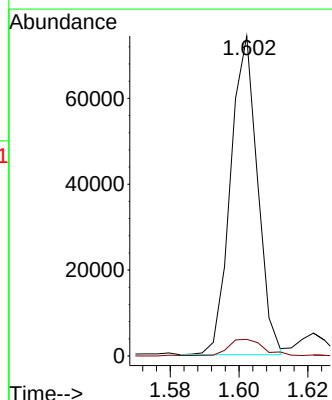
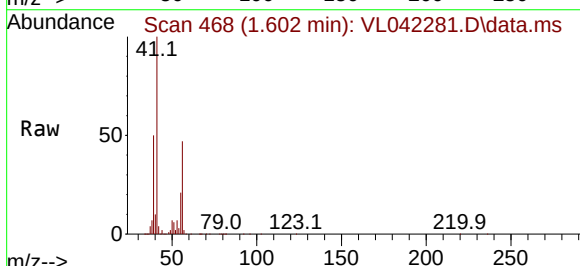
Acq: 09 Apr 2025 01:49

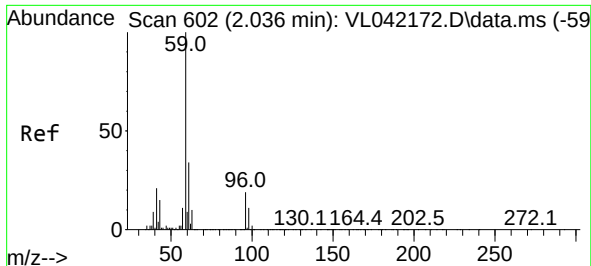
Tgt Ion: 39 Resp: 40330

Ion Ratio Lower Upper

39 100

54 7.3 60.7 91.1#





#17

tert-Butyl alcohol

Concen: 0.682 ppbv

RT: 2.042 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_1

ClientSampleId :

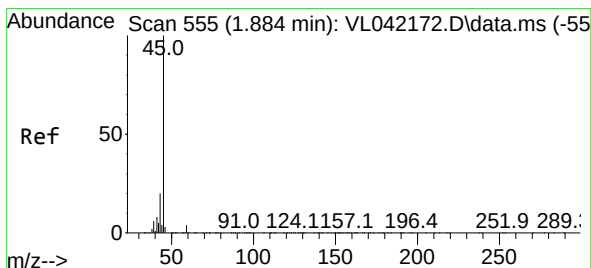
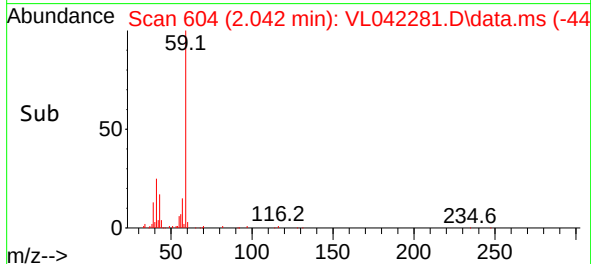
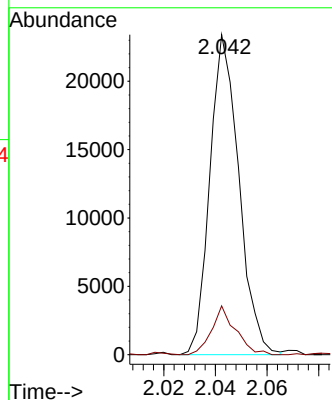
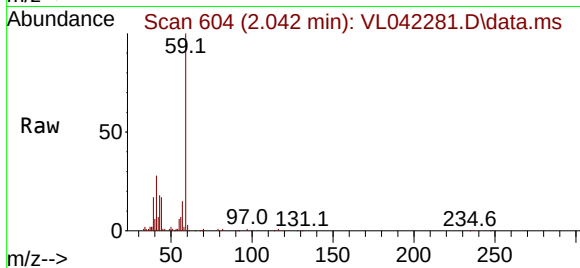
SSSG-B2-6-04022025

Tgt Ion: 59 Resp: 18264

Ion Ratio Lower Upper

59 100

57 13.0 8.9 13.3



#19

Isopropyl Alcohol

Concen: 2.154 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.003 min

Lab File: VL042281.D

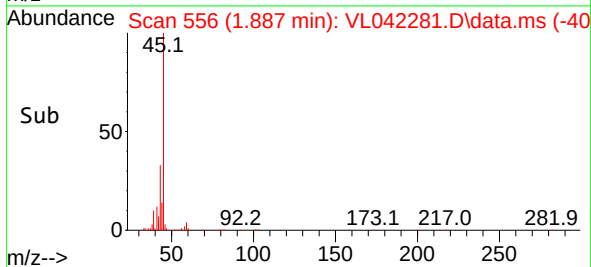
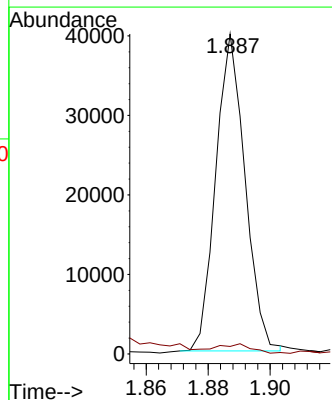
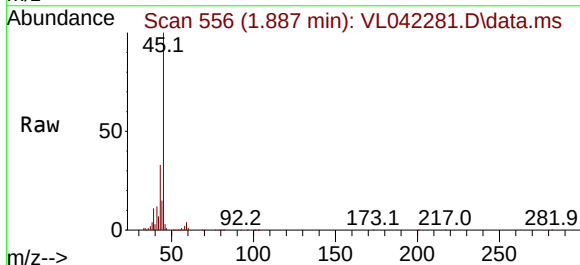
Acq: 09 Apr 2025 01:49

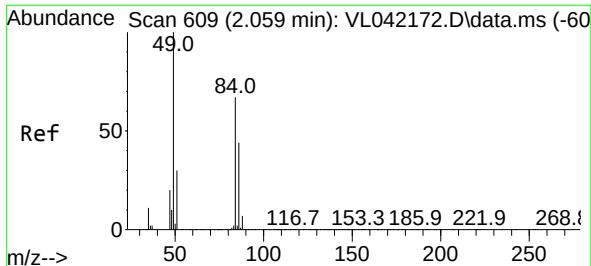
Tgt Ion: 45 Resp: 26127

Ion Ratio Lower Upper

45 100

58 0.0 36.9 55.3#

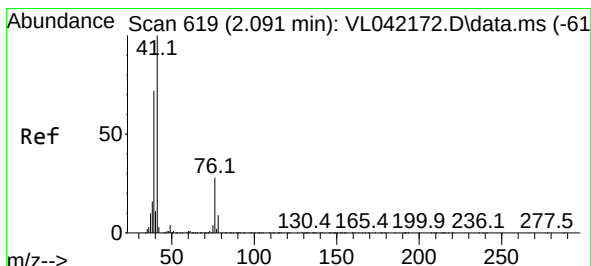
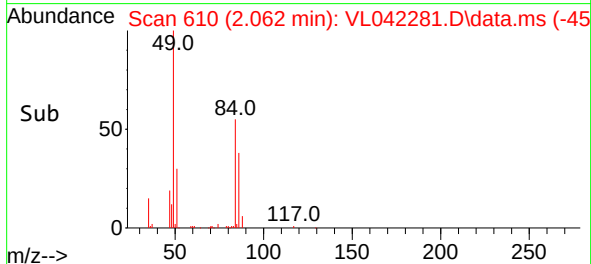
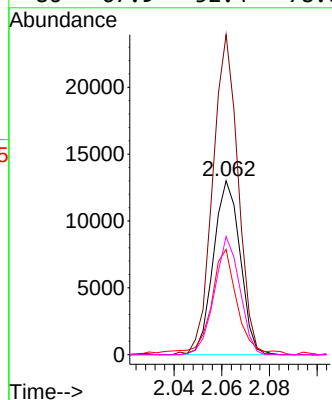
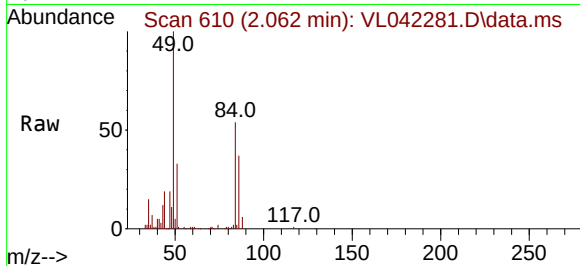




#20
Methylene Chloride
Concen: 1.264 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

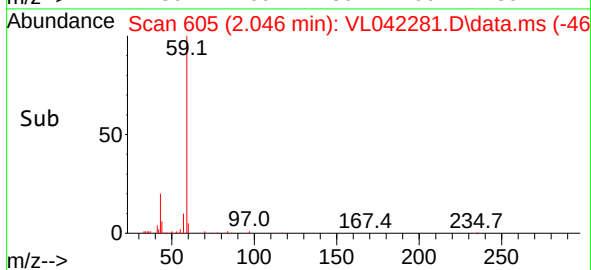
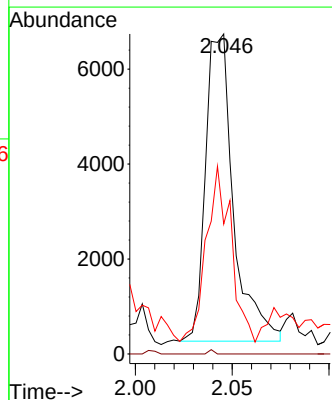
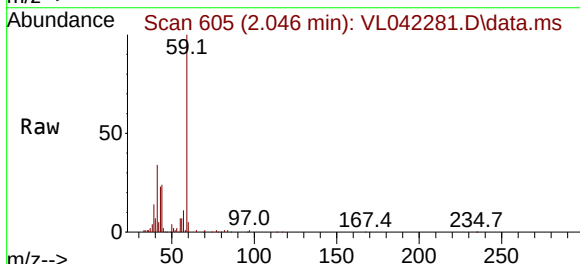
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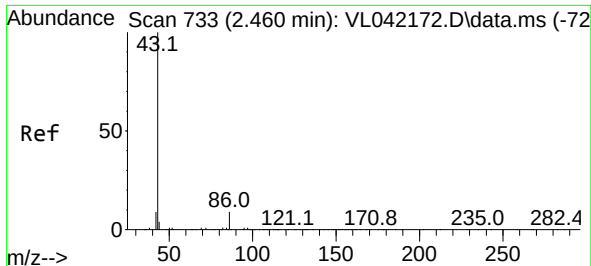
Tgt Ion:	84	Resp:	10120
Ion	Ratio	Lower	Upper
84	100		
49	184.0	120.2	180.4#
51	58.7	37.4	56.0#
86	67.9	52.4	78.6



#21
Allyl Chloride
Concen: 0.430 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.046 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion:	41	Resp:	6513
Ion	Ratio	Lower	Upper
41	100		
76	421.9	24.1	36.1#
39	0.0	61.1	91.7#

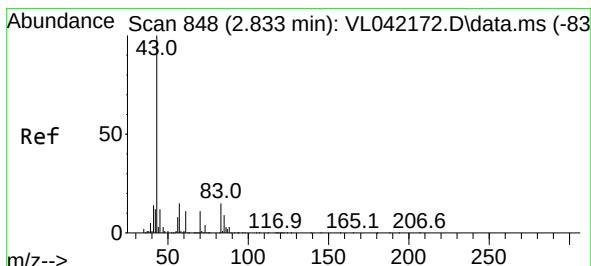
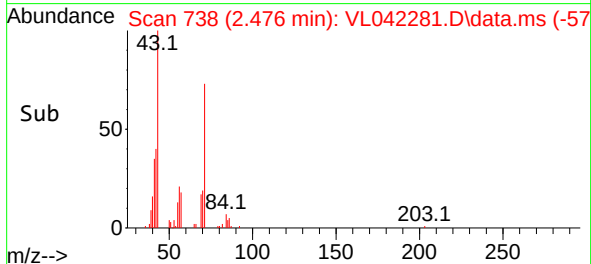
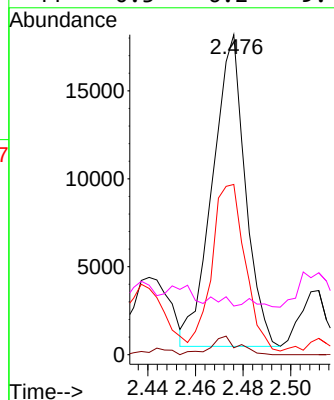
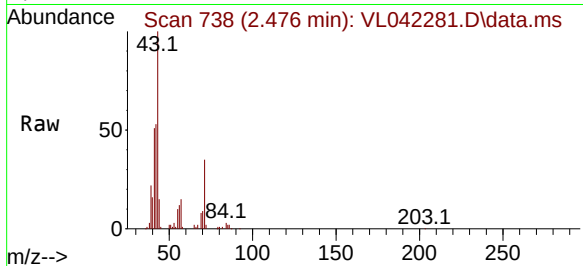




#23
 Vinyl Acetate
 Concen: 1.813 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL042281.D
 Acq: 09 Apr 2025 01:49

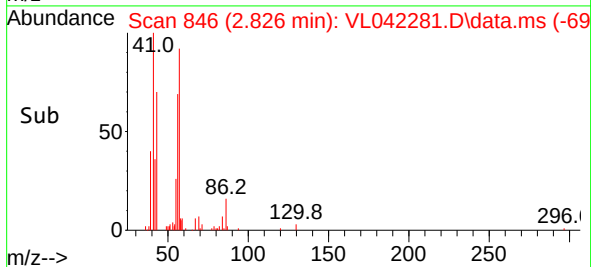
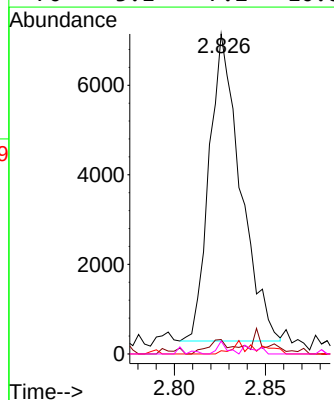
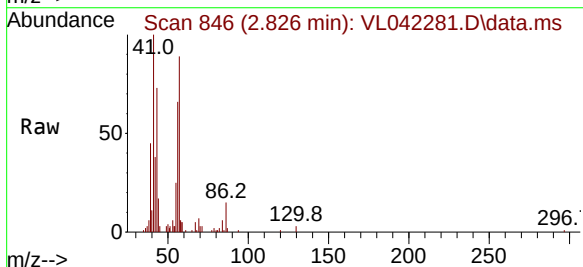
Instrument :
 MSVOA_1
 ClientSampleId :
 SSSG-B2-6-04022025

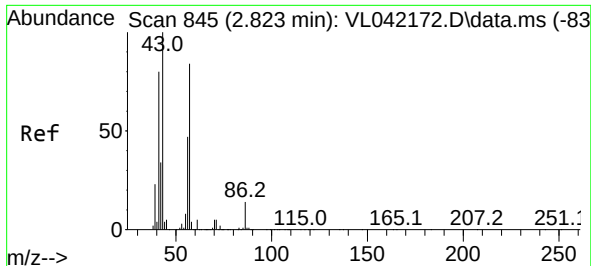
Tgt Ion:	43	Resp:	16870
Ion	Ratio	Lower	Upper
43	100		
86	2.2	5.5	8.3#
42	53.4	8.6	13.0#
44	0.3	6.2	9.4#



#25
 Ethyl Acetate
 Concen: 0.148 ppbv
 RT: 2.826 min Scan# 846
 Delta R.T. -0.007 min
 Lab File: VL042281.D
 Acq: 09 Apr 2025 01:49

Tgt Ion:	43	Resp:	8240
Ion	Ratio	Lower	Upper
43	100		
45	8.6	8.2	12.2
61	3.3	7.3	10.9#
70	3.1	7.2	10.8#

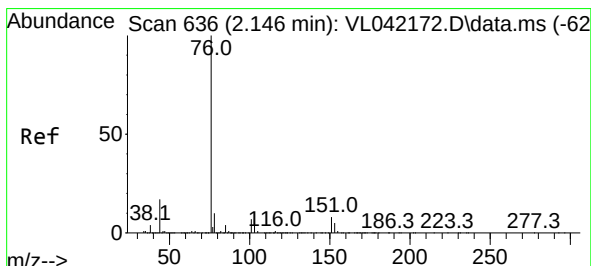
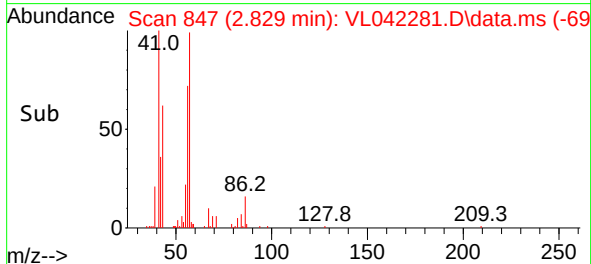
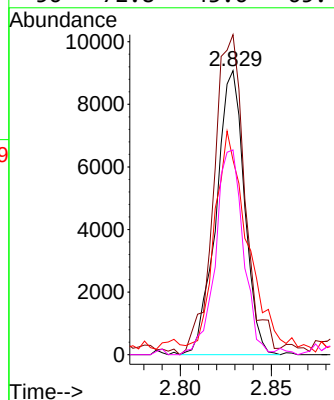
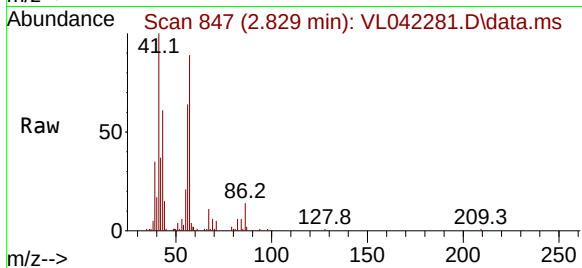




#26
Hexane
Concen: 0.453 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

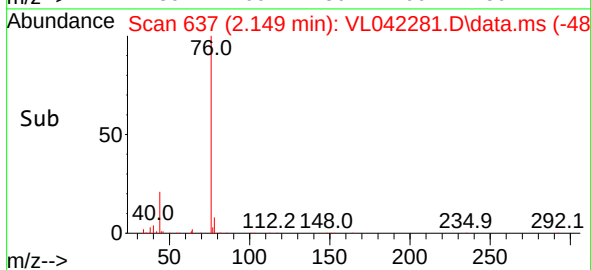
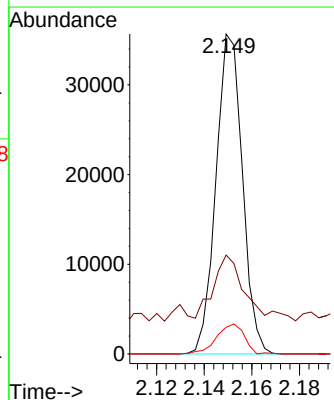
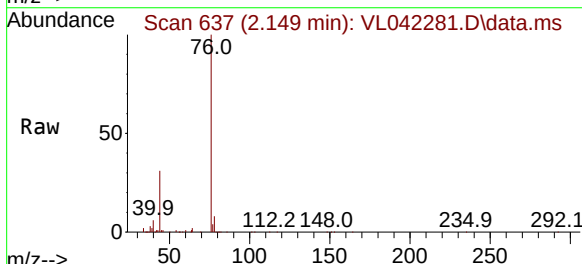
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

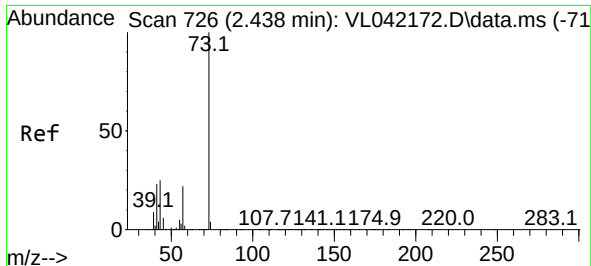
Tgt Ion: 57 Resp: 9763
Ion Ratio Lower Upper
57 100
41 119.4 76.6 114.8#
43 92.8 207.8 311.8#
56 72.8 43.6 65.4#



#27
Carbon Disulfide
Concen: 1.189 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 76 Resp: 27478
Ion Ratio Lower Upper
76 100
44 29.6 14.7 22.1#
78 9.9 9.3 13.9





#28

Methyl tert-Butyl Ether

Concen: 0.066 ppbv

RT: 2.444 min Scan# 71

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_L

ClientSampleId :

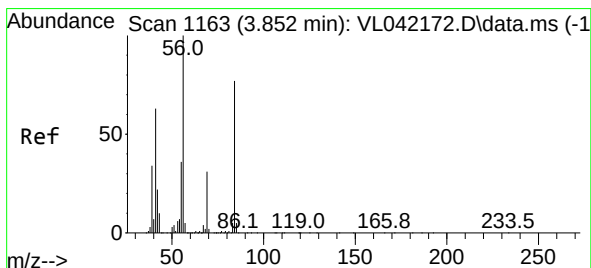
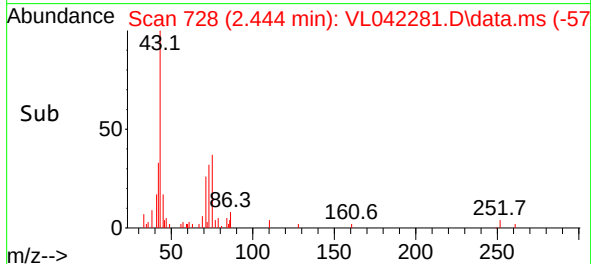
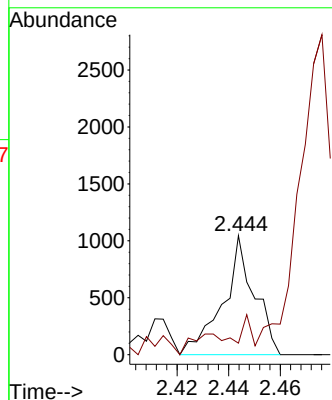
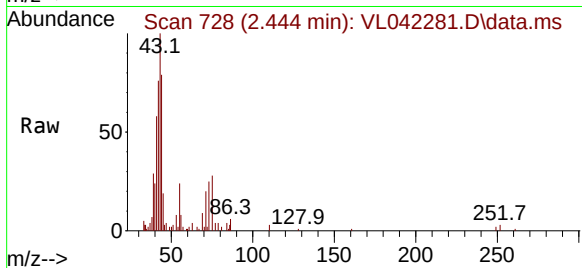
SSSG-B2-6-04022025

Tgt Ion: 73 Resp: 880

Ion Ratio Lower Upper

73 100

57 344.8 20.5 30.7#



#30

Cyclohexane

Concen: 0.210 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

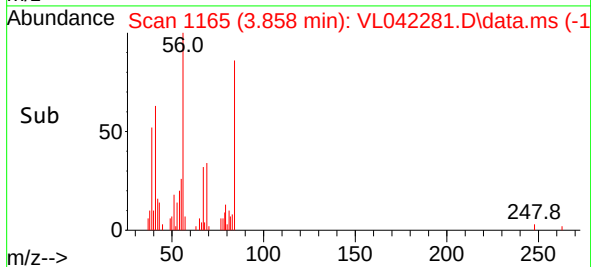
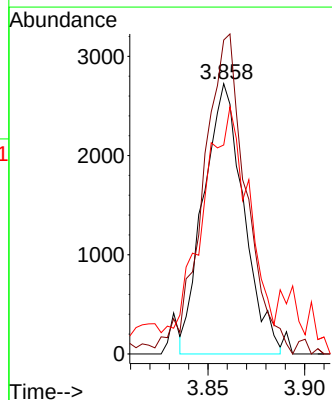
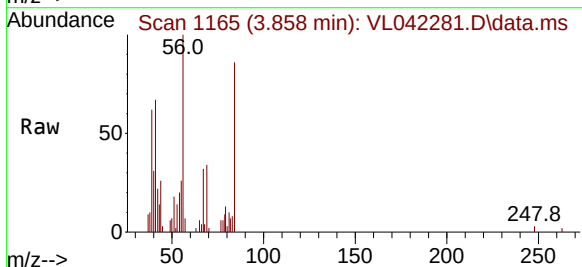
Tgt Ion: 84 Resp: 3921

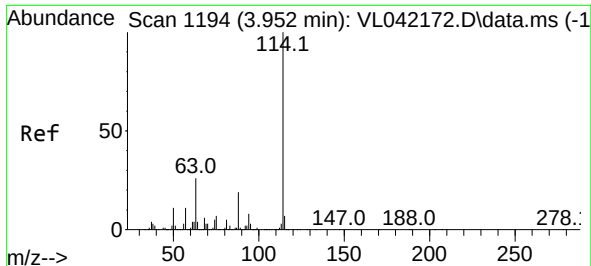
Ion Ratio Lower Upper

84 100

56 129.2 102.8 154.2

41 122.6 66.5 99.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_1

ClientSampleId :

SSSG-B2-6-04022025

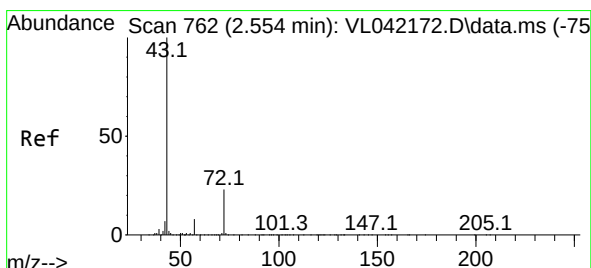
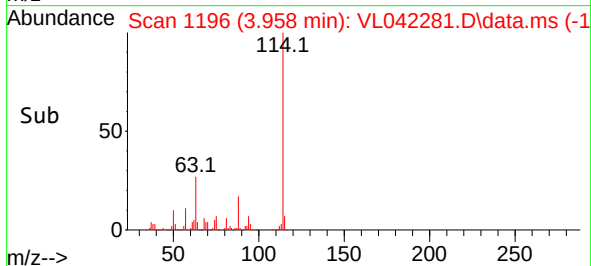
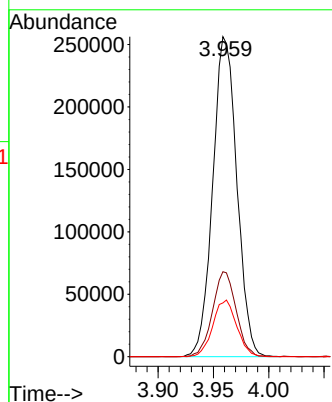
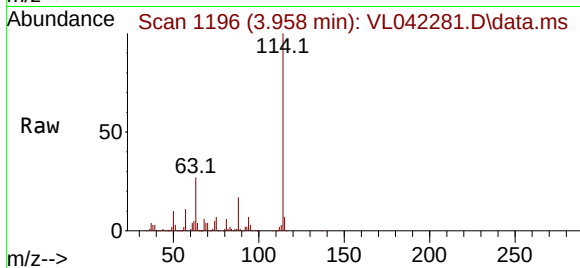
Tgt Ion:114 Resp: 388271

Ion Ratio Lower Upper

114 100

63 26.1 20.7 31.1

88 17.6 15.0 22.4



#34

2-Butanone

Concen: 4.571 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL042281.D

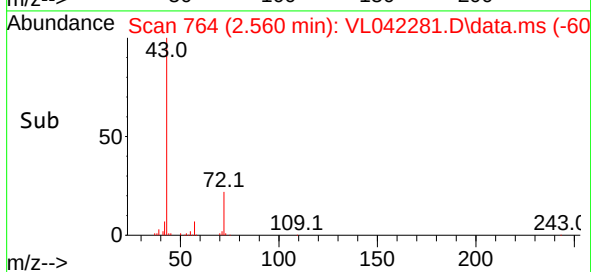
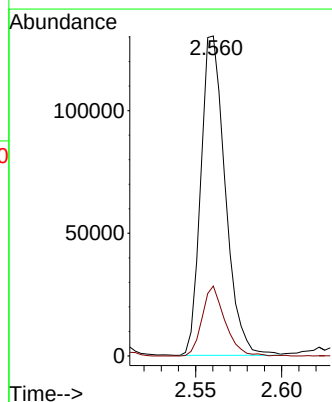
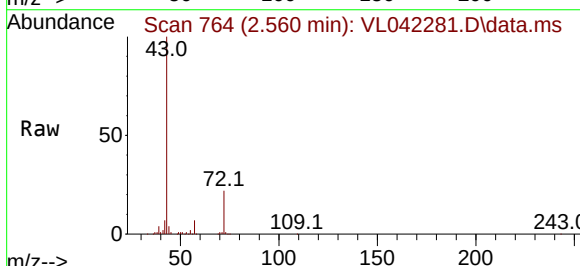
Acq: 09 Apr 2025 01:49

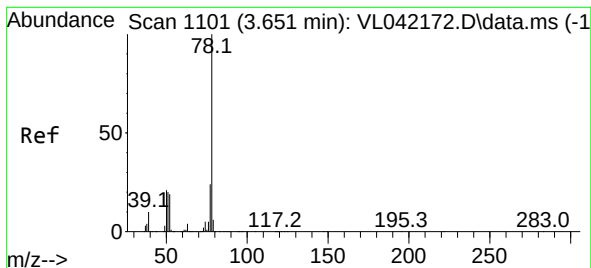
Tgt Ion: 43 Resp: 128691

Ion Ratio Lower Upper

43 100

72 20.5 18.2 27.2





#36

Benzene

Concen: 0.304 ppbv

RT: 3.658 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_1

ClientSampleId :

SSSG-B2-6-04022025

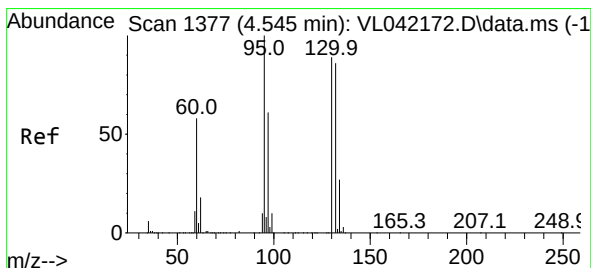
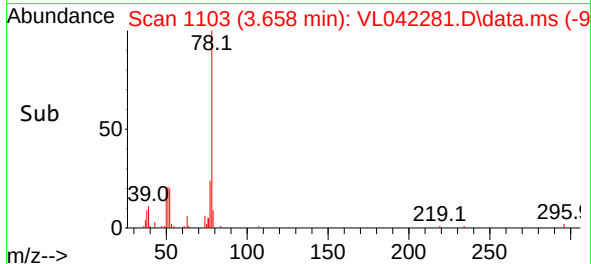
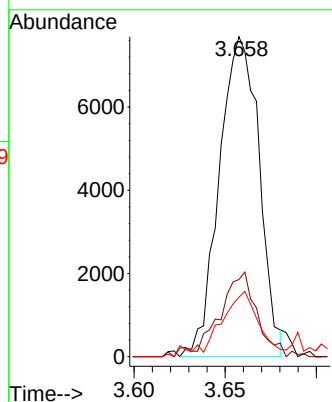
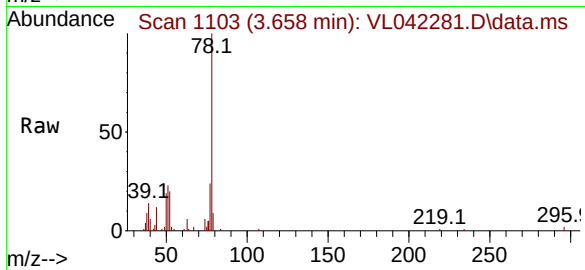
Tgt Ion: 78 Resp: 11702

Ion Ratio Lower Upper

78 100

77 21.4 19.1 28.7

50 16.2 16.6 24.8#



#38

Trichloroethene

Concen: 0.035 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.009 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Tgt Ion: 130 Resp: 557

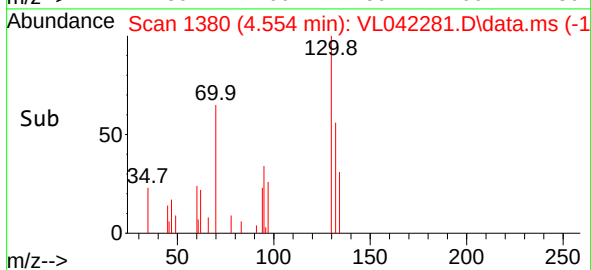
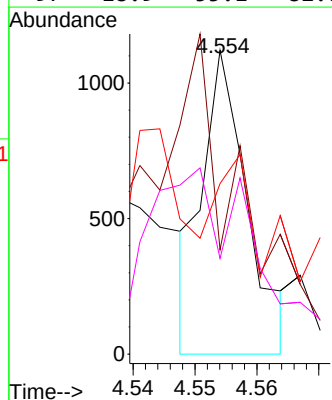
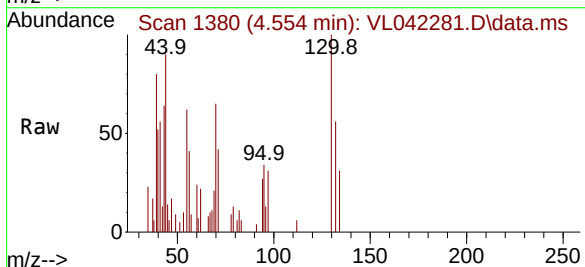
Ion Ratio Lower Upper

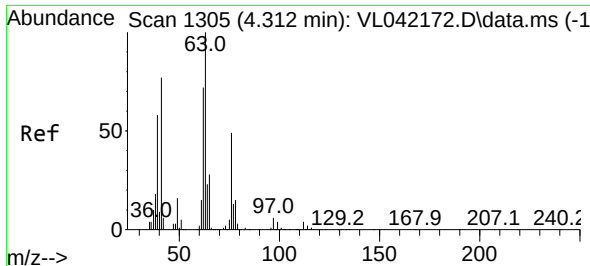
130 100

95 0.0 89.8 134.8#

132 14.6 77.4 116.2#

97 18.9 55.1 82.7#





#39

1,2-Dichloropropane

Concen: 7.188 ppbv

RT: 3.958 min Scan# 1196

Delta R.T. -0.353 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-6-04022025

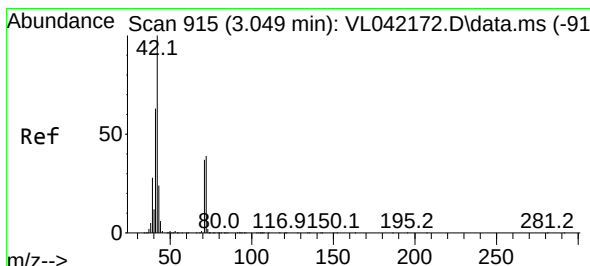
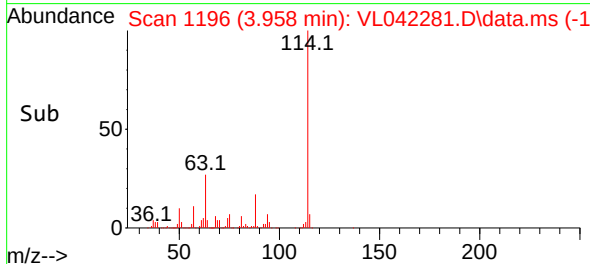
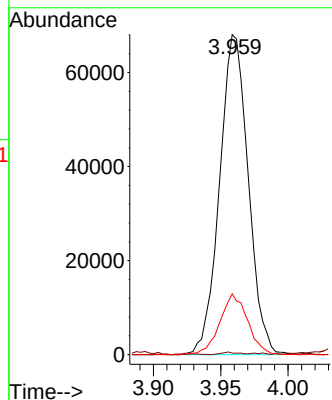
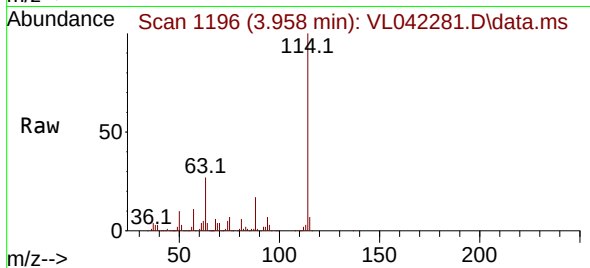
Tgt Ion: 63 Resp: 100762

Ion Ratio Lower Upper

63 100

41 0.3 61.7 92.5#

62 19.0 57.6 86.4#



#41

Tetrahydrofuran

Concen: 0.040 ppbv

RT: 3.062 min Scan# 919

Delta R.T. 0.013 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

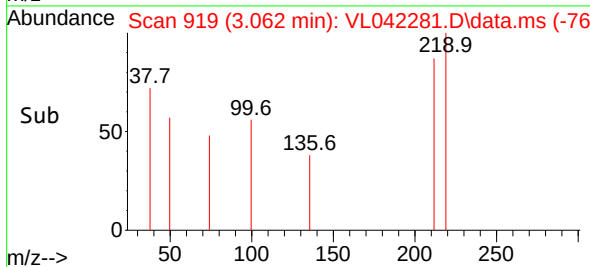
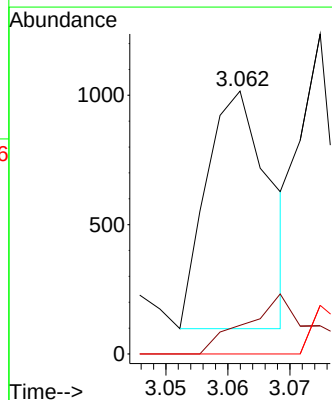
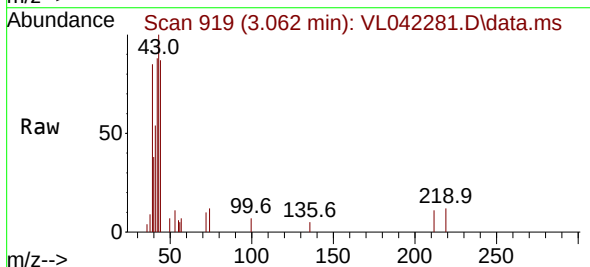
Tgt Ion: 42 Resp: 649

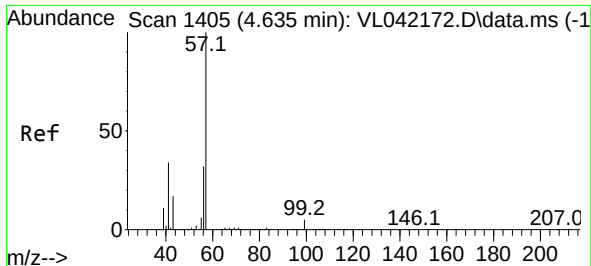
Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

71 0.0 30.2 45.4#

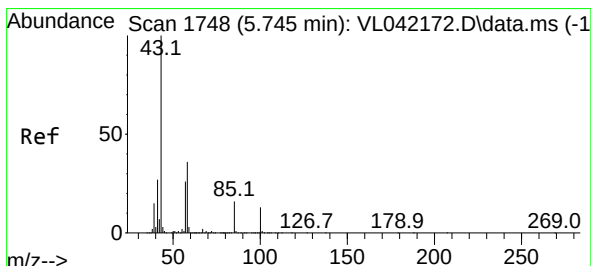
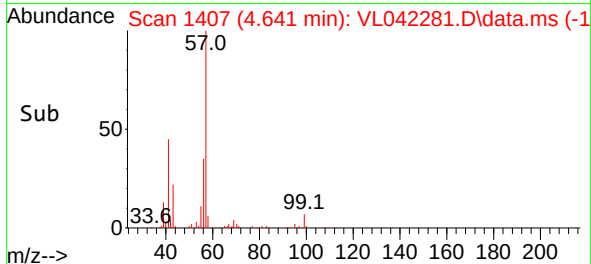
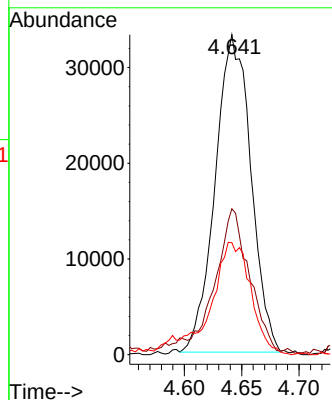
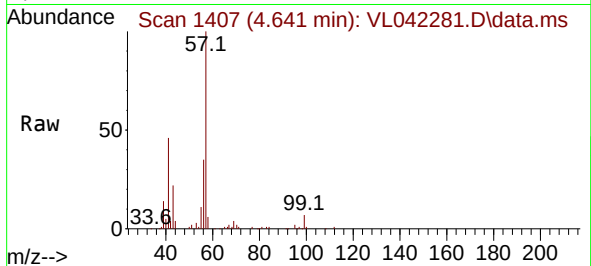




#44
2,2,4-Trimethylpentane
Concen: 1.105 ppbv
RT: 4.641 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

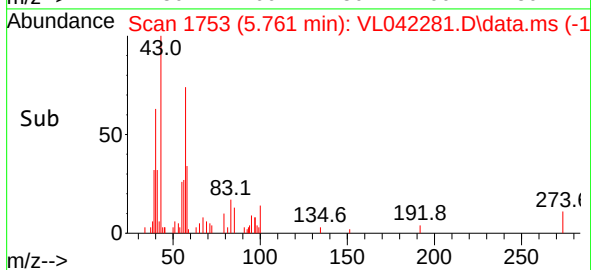
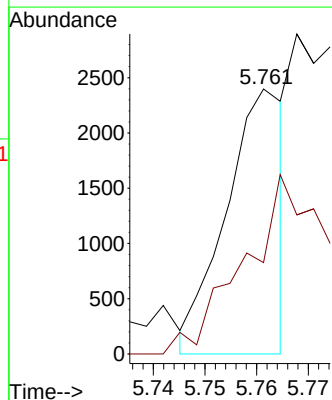
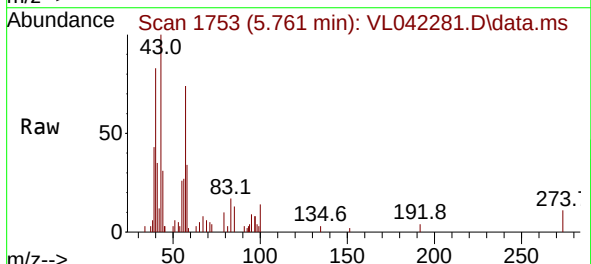
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

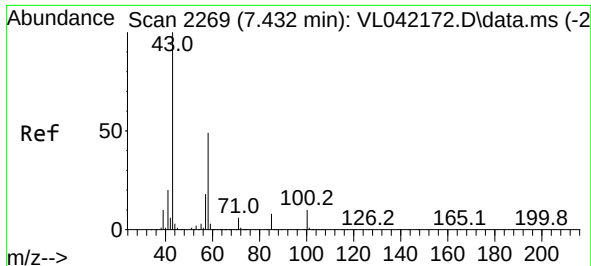
Tgt Ion: 57 Resp: 71853
Ion Ratio Lower Upper
57 100
41 47.1 26.8 40.2#
56 41.7 25.6 38.4#



#50
4-Methyl-2-Pentanone
Concen: 0.042 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.016 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

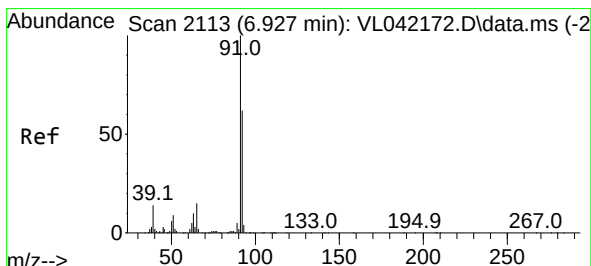
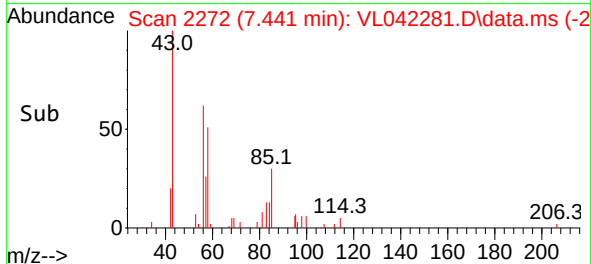
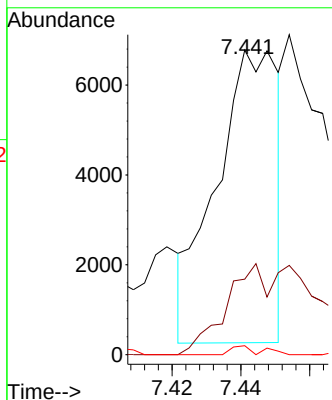
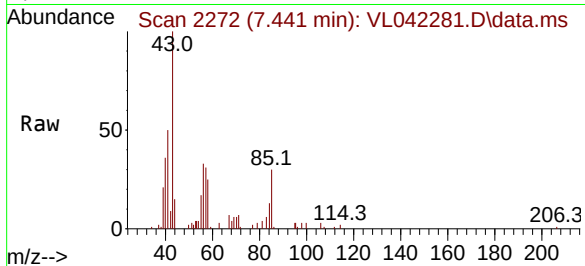




#51
2-Hexanone
Concen: 0.223 ppbv
RT: 7.441 min Scan# 2115
Delta R.T. 0.009 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

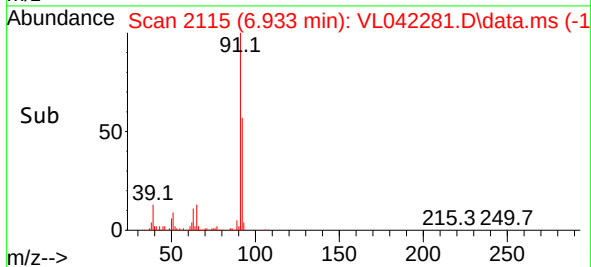
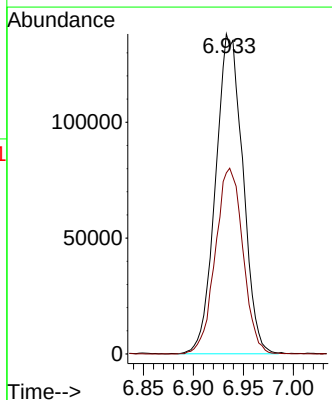
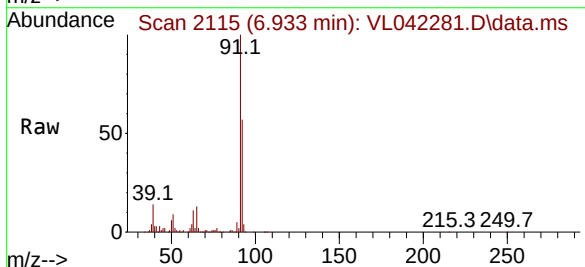
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

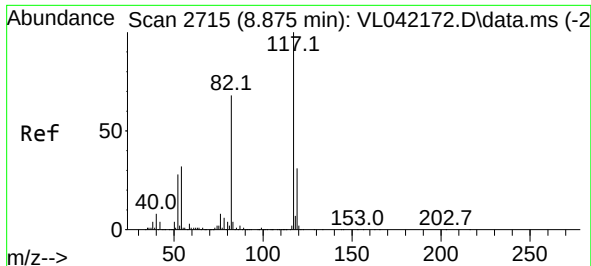
Tgt Ion: 43 Resp: 8163
Ion Ratio Lower Upper
43 100
58 49.4 39.7 59.5
98 1.4 0.1 0.1#



#53
Toluene
Concen: 5.737 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 91 Resp: 261772
Ion Ratio Lower Upper
91 100
92 59.0 48.4 72.6

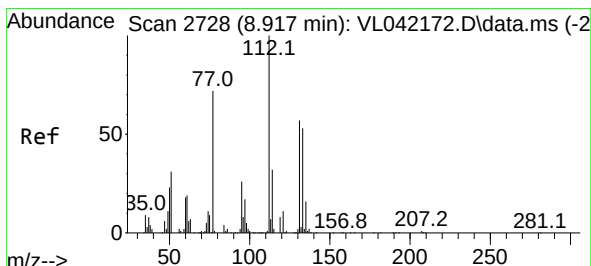
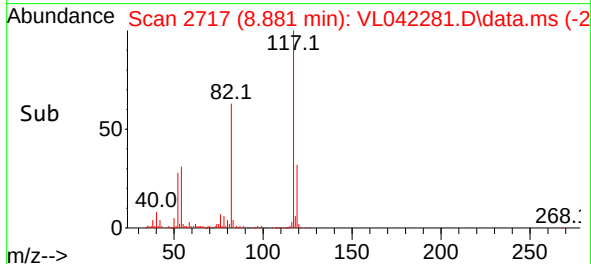
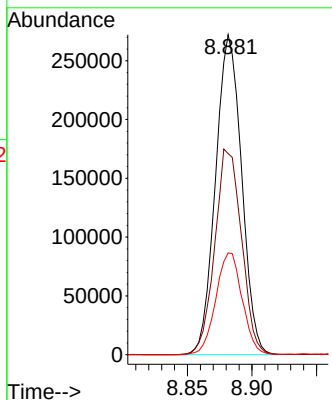
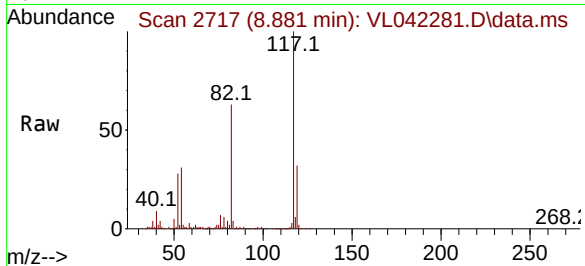




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

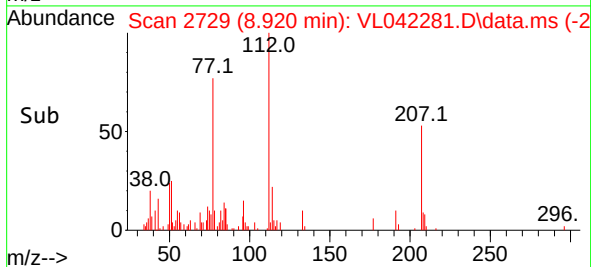
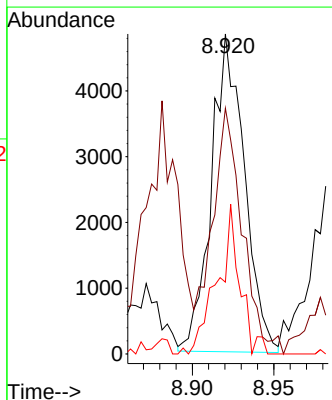
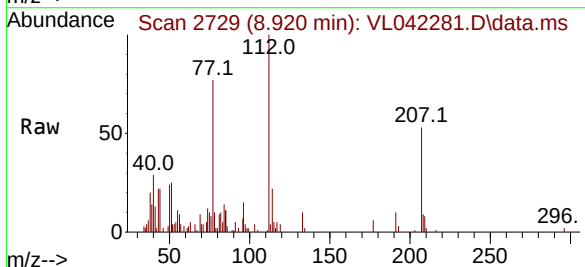
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

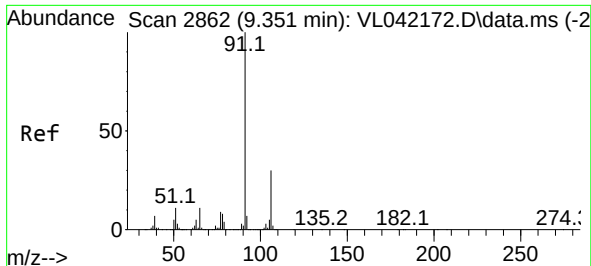
Tgt Ion:117 Resp: 381682
Ion Ratio Lower Upper
117 100
82 66.0 55.8 83.6
119 32.2 25.5 38.3



#57
Chlorobenzene
Concen: 0.187 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion:112 Resp: 6785
Ion Ratio Lower Upper
112 100
77 72.9 58.2 87.2
114 23.0 29.1 35.5

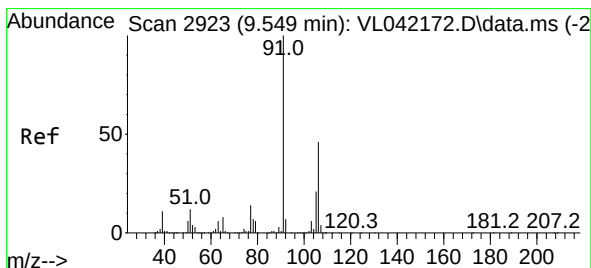
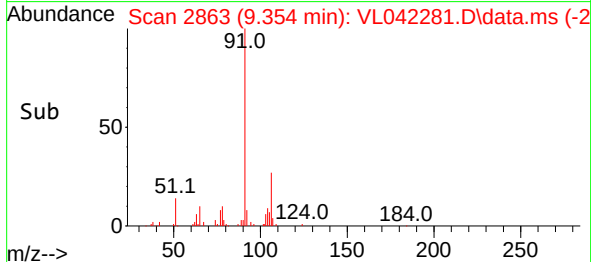
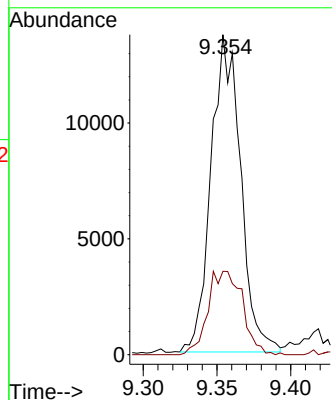
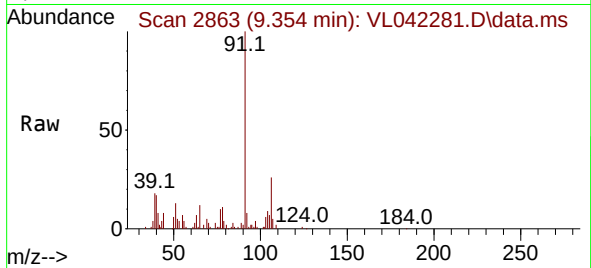




#58
Ethyl Benzene
Concen: 0.281 ppbv
RT: 9.354 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

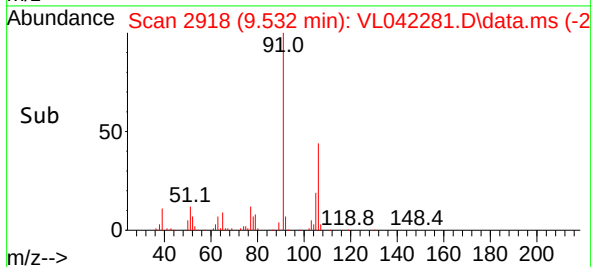
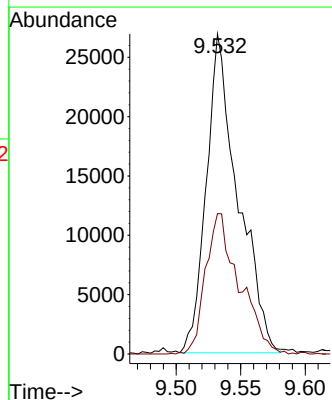
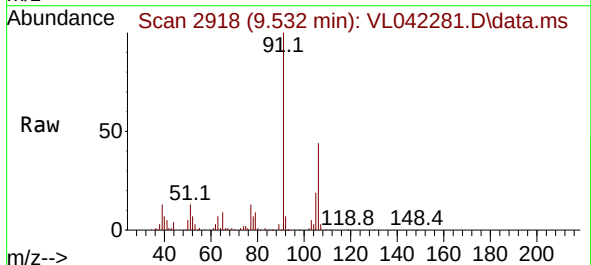
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

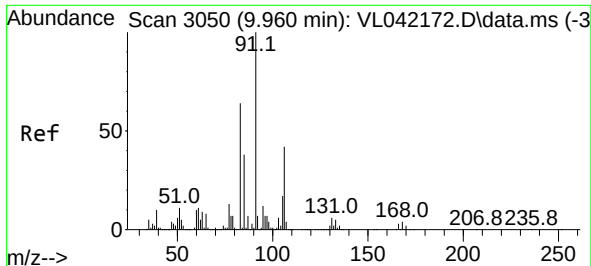
Tgt Ion: 91 Resp: 19066
Ion Ratio Lower Upper
91 100
106 26.3 24.2 36.2



#59
m/p-Xylene
Concen: 0.850 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.017 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 91 Resp: 46011
Ion Ratio Lower Upper
91 100
106 47.0 36.4 54.6

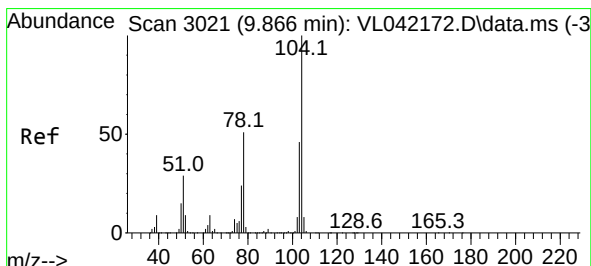
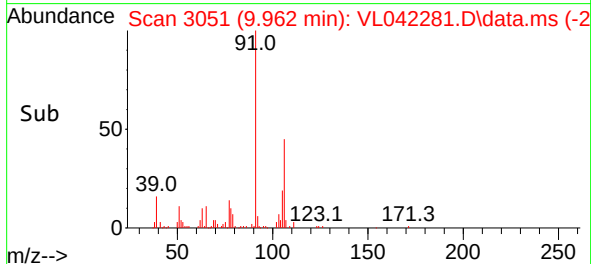
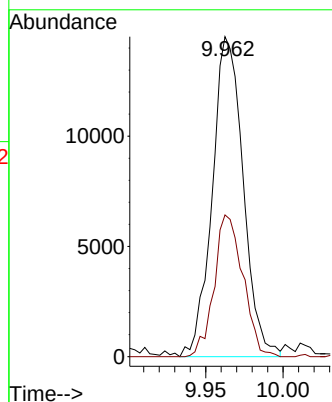
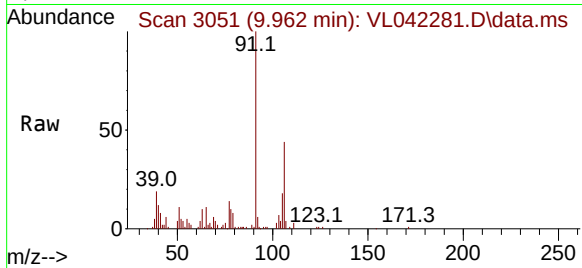




#60
o-Xylene
Concen: 0.371 ppbv
RT: 9.962 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

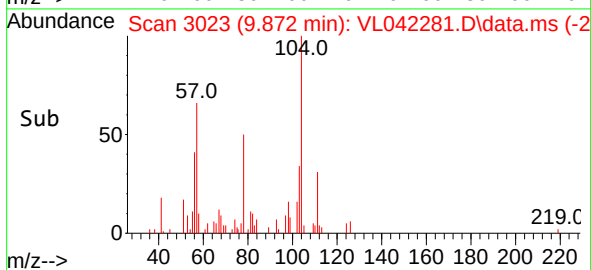
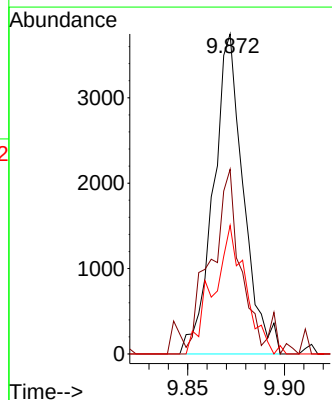
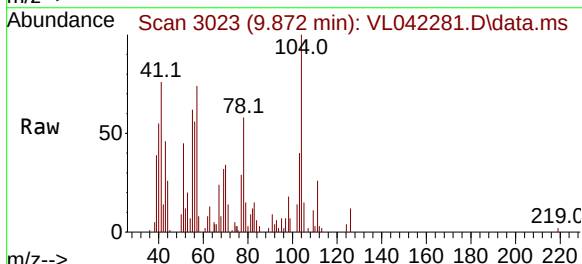
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

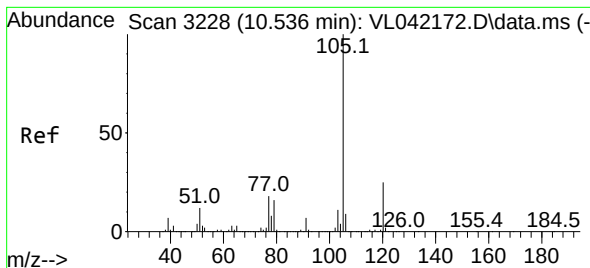
Tgt Ion: 91 Resp: 20160
Ion Ratio Lower Upper
91 100
106 41.4 20.8 62.5



#61
Styrene
Concen: 0.151 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 104 Resp: 4043
Ion Ratio Lower Upper
104 100
78 63.1 41.8 62.6#
103 43.3 37.0 55.4





#62

Isopropylbenzene

Concen: 0.040 ppbv

RT: 10.542 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_L

ClientSampleId :

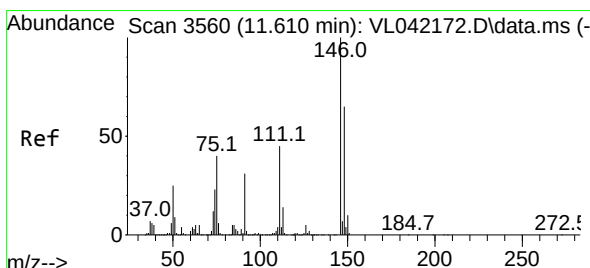
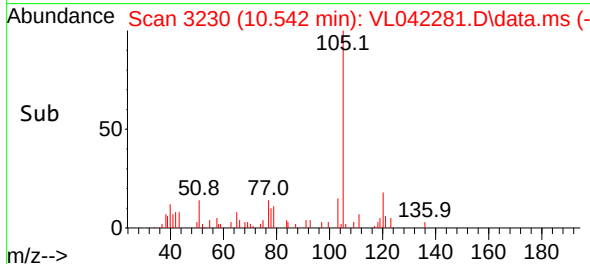
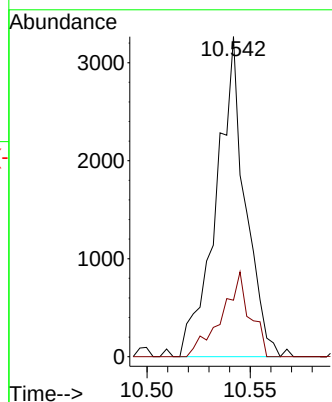
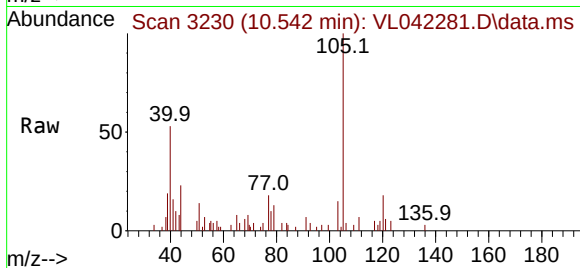
SSSG-B2-6-04022025

Tgt Ion:105 Resp: 3207

Ion Ratio Lower Upper

105 100

120 25.8 19.9 29.9



#66

Benzyl Chloride

Concen: 0.032 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.003 min

Lab File: VL042281.D

Acq: 09 Apr 2025 01:49

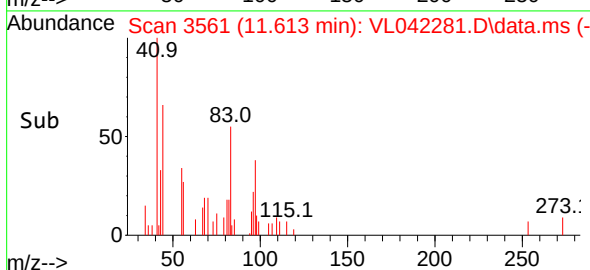
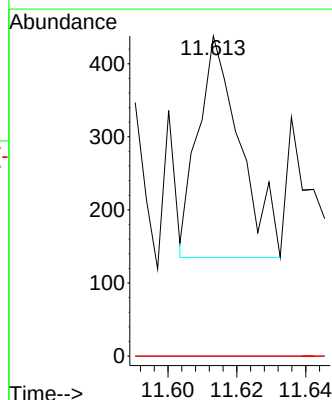
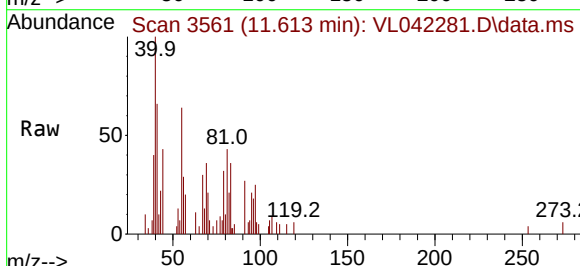
Tgt Ion: 91 Resp: 256

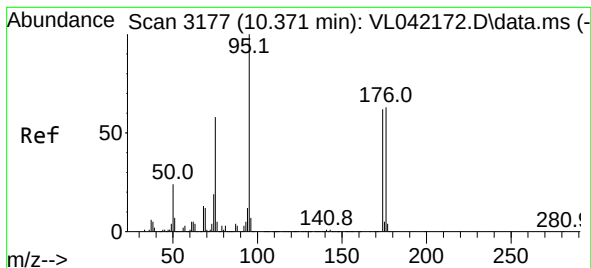
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 0.0 4.5 6.7#

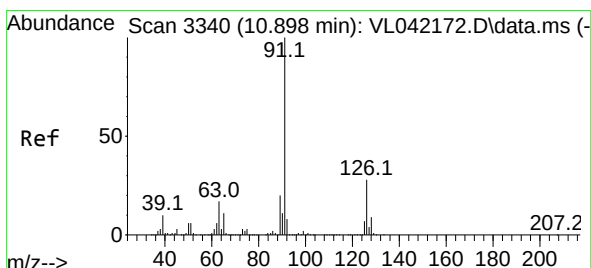
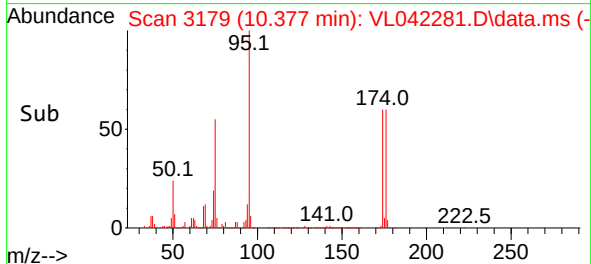
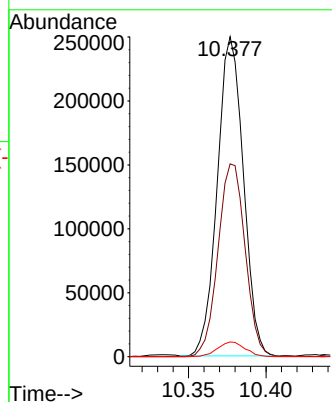
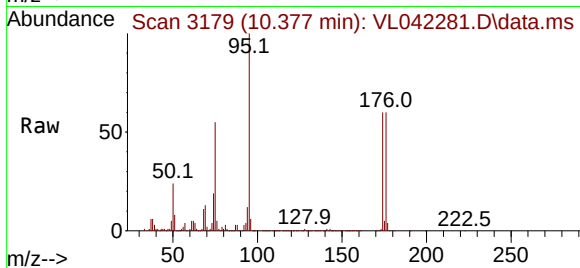




#68
1-Bromo-4-Fluorobenzene
Concen: 9.329 ppbv
RT: 10.377 min Scan# 3177
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

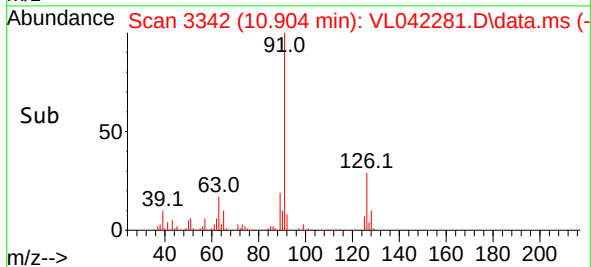
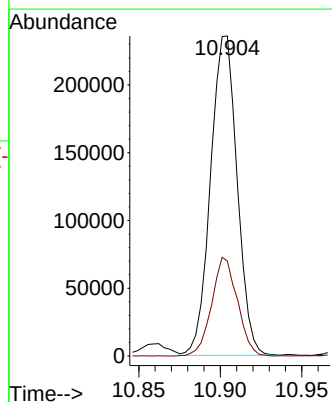
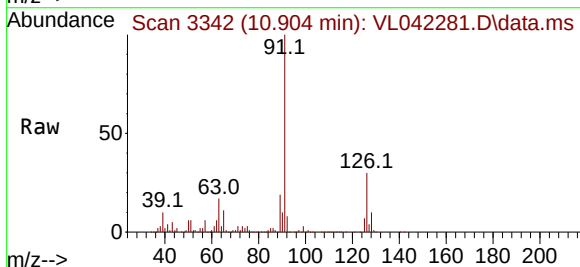
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

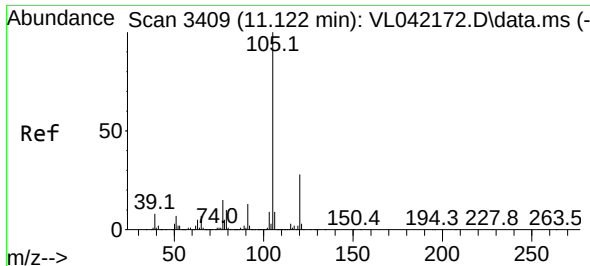
Tgt Ion: 95 Resp: 292407
Ion Ratio Lower Upper
95 100
174 63.0 50.6 76.0
175 4.9 3.8 5.6



#71
2-Chlorotoluene
Concen: 4.247 ppbv
RT: 10.904 min Scan# 3342
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion: 91 Resp: 267528
Ion Ratio Lower Upper
91 100
126 29.9 11.6 46.4

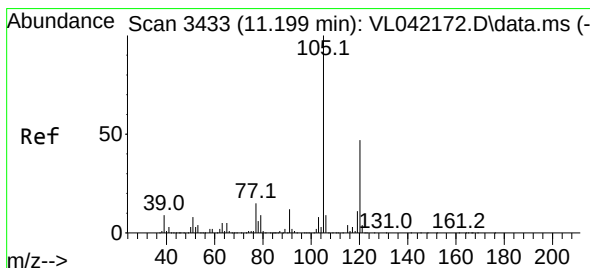
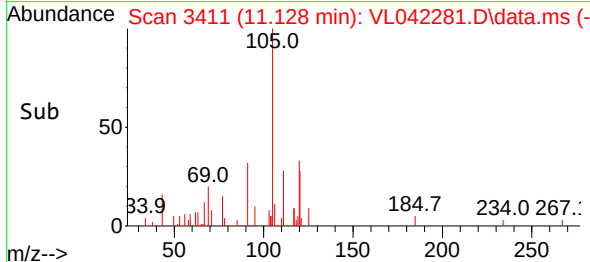
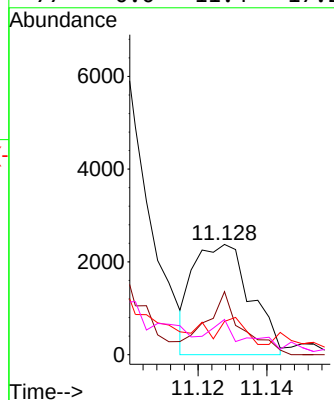
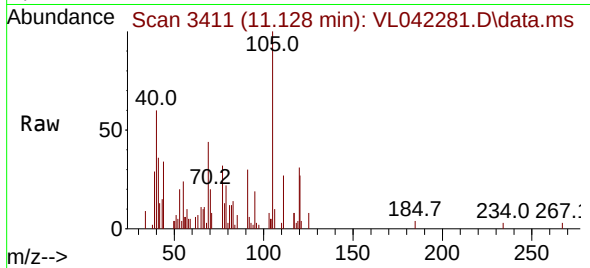




#72
4-Ethyltoluene
Concen: 0.041 ppbv
RT: 11.128 min Scan# 3409
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

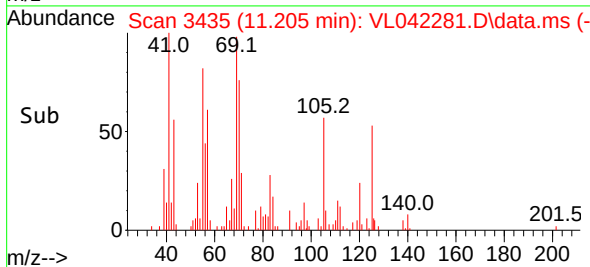
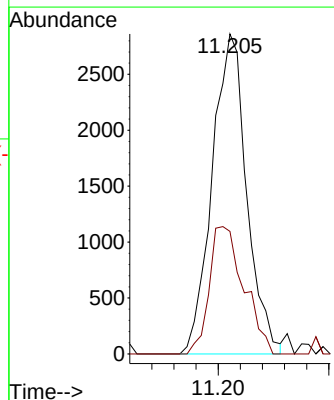
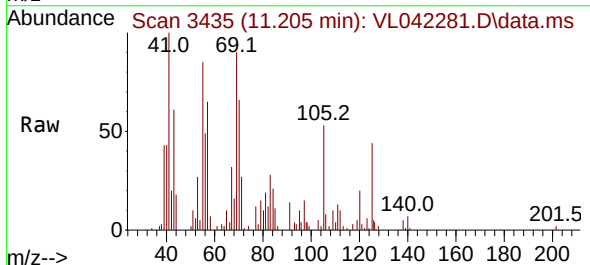
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-6-04022025

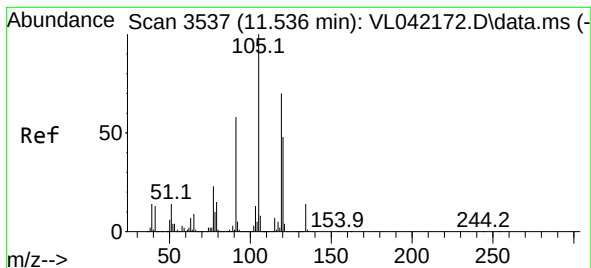
Tgt Ion:105	Resp:	2757	
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	35.0#
91	0.0	10.3	15.5#
77	0.0	11.4	17.2#



#73
1,3,5-Trimethylbenzene
Concen: 0.053 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. 0.006 min
Lab File: VL042281.D
Acq: 09 Apr 2025 01:49

Tgt Ion:105	Resp:	3106	
Ion	Ratio	Lower	Upper
105	100		
120	38.3	37.4	56.0





#74

1,2,4-Trimethylbenzene

Concen: 0.105 ppbv

RT: 11.535 min Scan# 3

Delta R.T. -0.000 min

Lab File: VL042281.D

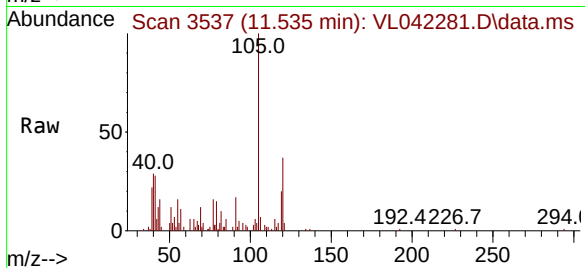
Acq: 09 Apr 2025 01:49

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B2-6-04022025



Tgt Ion:105 Resp: 7115

Ion Ratio Lower Upper

105 100

120 36.4 38.6 58.0#

91 16.3 46.2 69.2#

77 16.2 18.6 27.8#

