

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043238.D
 Acq On : 19 Nov 2025 14:25
 Operator : SY/MD
 Sample : Q3626-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 9B-SG-2

Quant Time: Nov 20 00:05:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

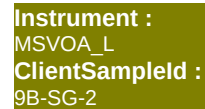
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

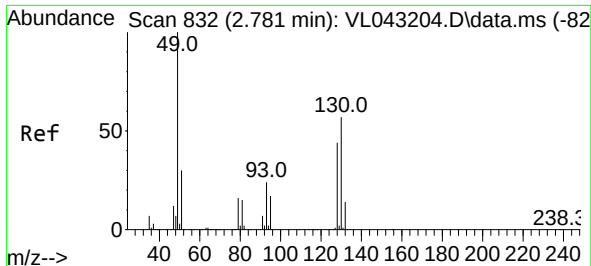
Internal Standards						
1) Bromochloromethane	2.784	49	103574	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	291331	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	223974	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	163862	9.981	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	3872	0.265	ppbv	93
3) Chlorodifluoromethane	1.476	51	2102	0.146	ppbv	97
4) Chloromethane	1.534	50	40516	7.418	ppbv	99
5) Vinyl Chloride	1.580	62	1563	0.262	ppbv #	88
7) Chloroethane	1.706	64	2300	0.989	ppbv #	79
9) Propene	1.482	41	12538	2.055	ppbv #	1
10) Heptane	4.975	43	1682	0.093	ppbv #	1
11) Trichlorofluoromethane	1.877	101	2019	0.143	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.140	101	540	0.049	ppbv	90
13) Ethanol	1.719	45	68935	32.134	ppbv	98
15) Acetone	1.832	43	301895	20.980	ppbv	100
16) 1,3-Butadiene	1.602	39	17830	2.779	ppbv #	57
17) tert-Butyl alcohol	1.884	59	1915	0.101	ppbv	95
19) Isopropyl Alcohol	1.884	45	51890	6.381	ppbv #	1
20) Methylene Chloride	2.062	84	4882	0.398	ppbv #	80
21) Allyl Chloride	2.094	41	1122	0.116	ppbv #	22
23) Vinyl Acetate	2.450	43	2222	0.128	ppbv #	90
25) Ethyl Acetate	2.826	43	7019	0.226	ppbv #	88
26) Hexane	2.822	57	9063	0.666	ppbv #	40
27) Carbon Disulfide	2.149	76	9305	0.670	ppbv #	48
28) Methyl tert-Butyl Ether	2.402	73	329	0.049	ppbv #	1
29) Chloroform	2.848	83	762	0.039	ppbv #	82
30) Cyclohexane	3.855	84	525	0.046	ppbv #	1
34) 2-Butanone	2.554	43	22054	1.072	ppbv	99
35) Carbon Tetrachloride	3.761	117	737	0.033	ppbv #	46
36) Benzene	3.654	78	146126	5.237	ppbv	97
39) 1,2-Dichloropropane	3.952	63	73157	7.164	ppbv #	25
43) Methyl Methacrylate	4.878	69	580	0.039	ppbv #	1
53) Toluene	6.927	91	9216	0.279	ppbv #	29
58) Ethyl Benzene	9.538	91	2065	0.048	ppbv	100
59) m/p-Xylene	9.551	91	1363	0.039	ppbv #	31
60) o-Xylene	9.956	91	3821	0.111	ppbv	93
61) Styrene	9.869	104	1102	0.073	ppbv	98
69) p-Isopropyltoluene	11.924	119	2269	0.035	ppbv #	87
73) 1,3,5-Trimethylbenzene	11.196	105	1266	0.036	ppbv #	64
74) 1,2,4-Trimethylbenzene	11.532	105	4967	0.129	ppbv #	53
79) Naphthalene	13.516	128	1170	0.034	ppbv #	28

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

Instrument :
MSVOA_L
ClientSampleId :
9B-SG-2

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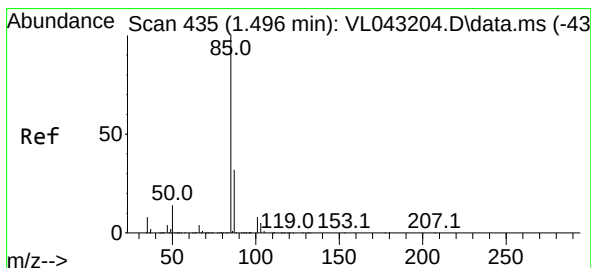
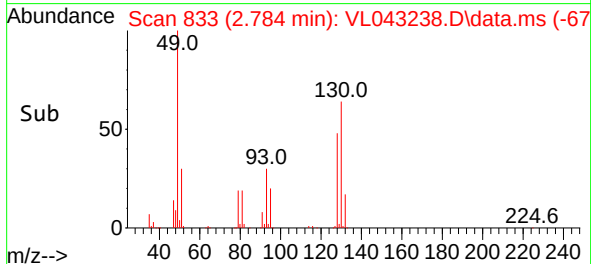
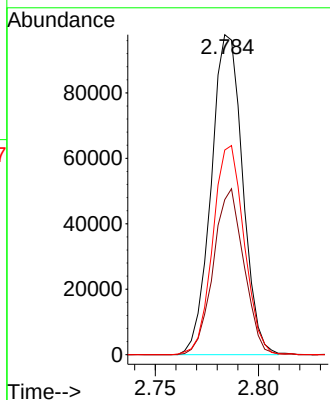
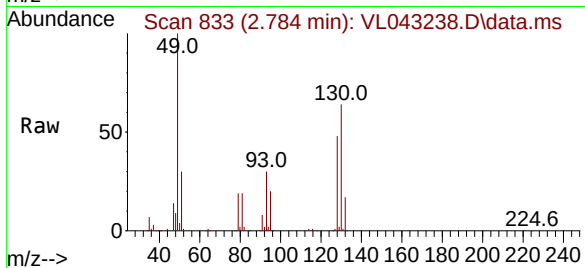




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

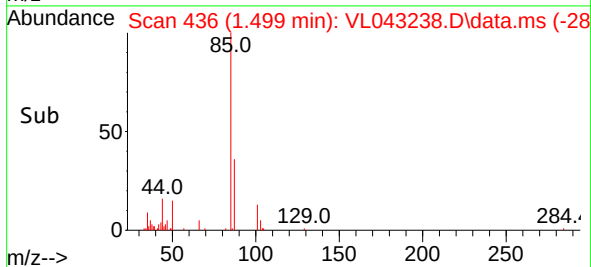
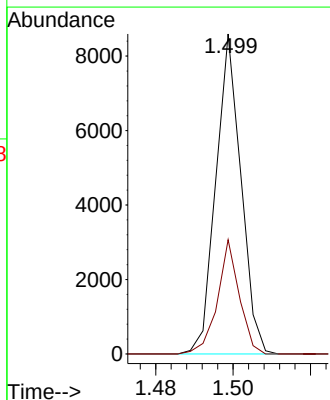
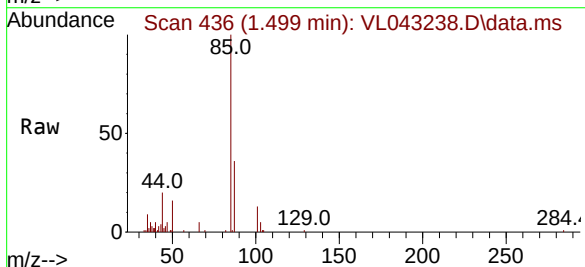
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MSVOA_1
ClientSampleId :
9B-SG-2

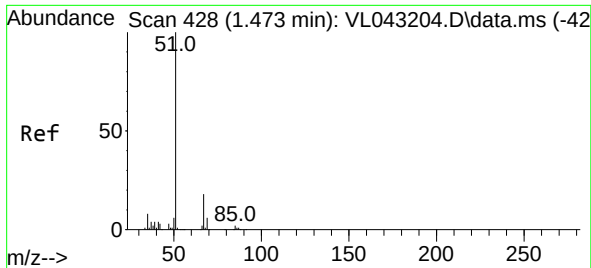
Tgt Ion: 49 Resp: 103574
Ion Ratio Lower Upper
49 100
128 50.4 23.0 69.0
130 65.0 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.265 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 85 Resp: 3872
Ion Ratio Lower Upper
85 100
87 35.7 25.4 38.2

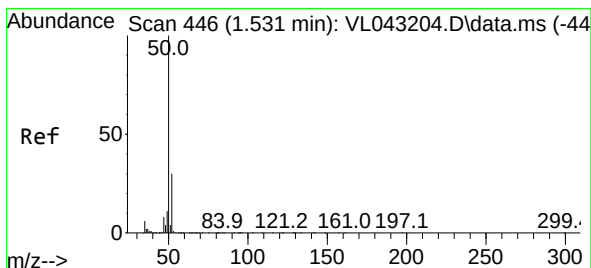
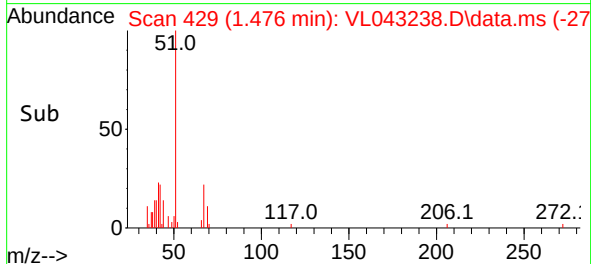
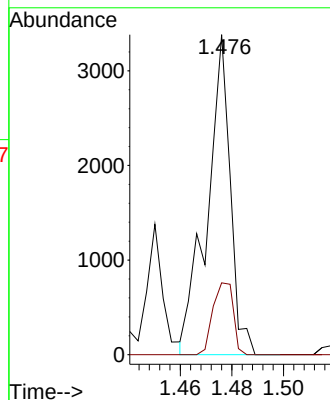
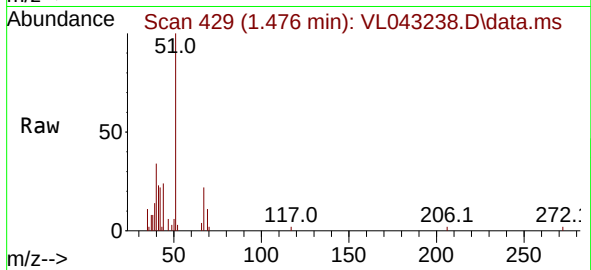




#3
Chlorodifluoromethane
Concen: 0.146 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

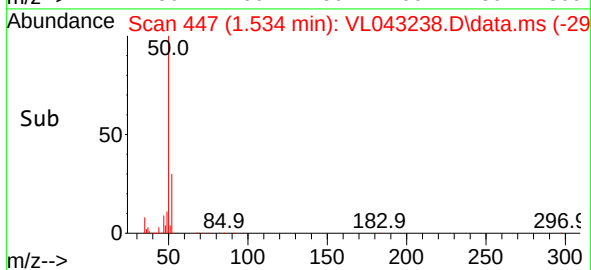
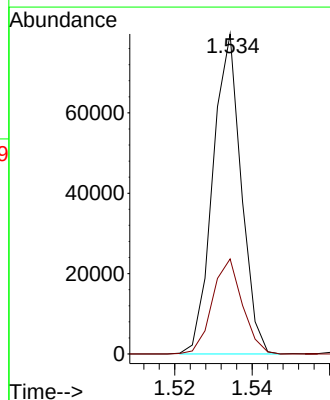
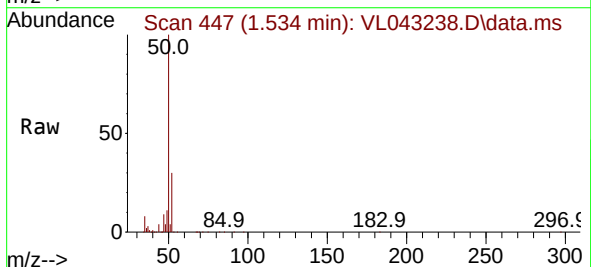
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

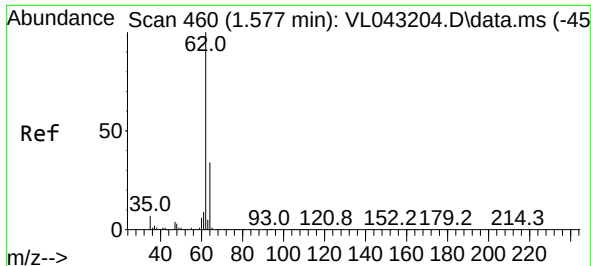
Tgt Ion: 51 Resp: 2102
Ion Ratio Lower Upper
51 100
67 19.7 14.9 22.3



#4
Chloromethane
Concen: 7.418 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 50 Resp: 40516
Ion Ratio Lower Upper
50 100
52 29.7 24.1 36.1

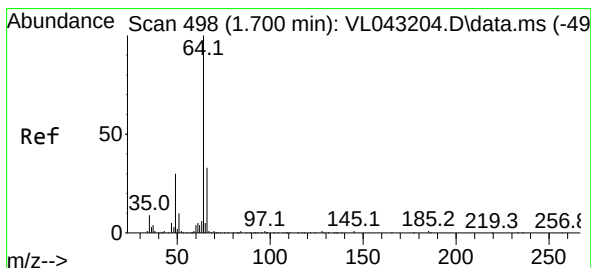
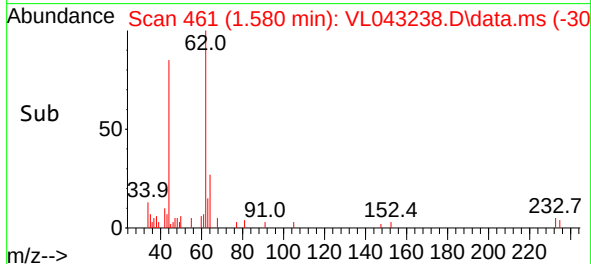
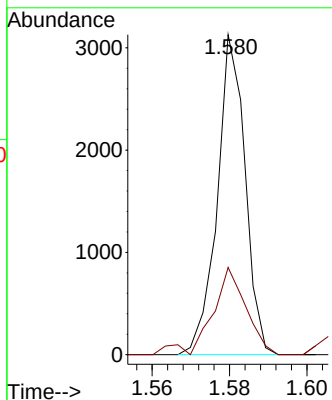
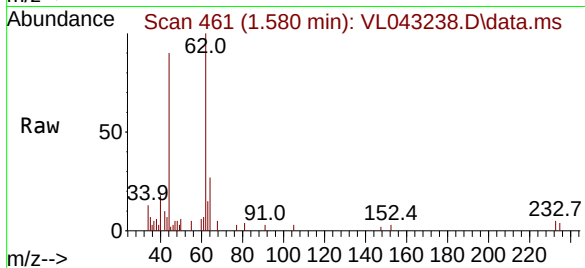




#5
 Vinyl Chloride
 Concen: 0.262 ppbv
 RT: 1.580 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL043238.D
 Acq: 19 Nov 2025 14:25

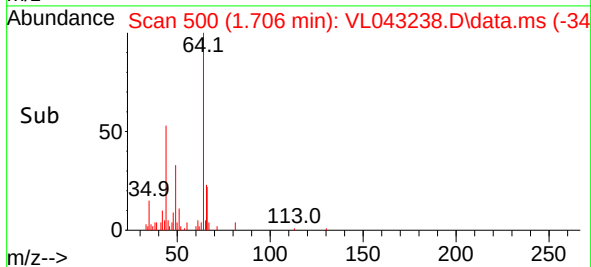
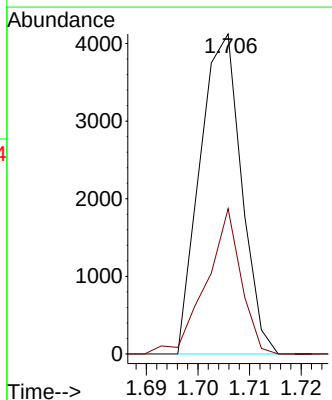
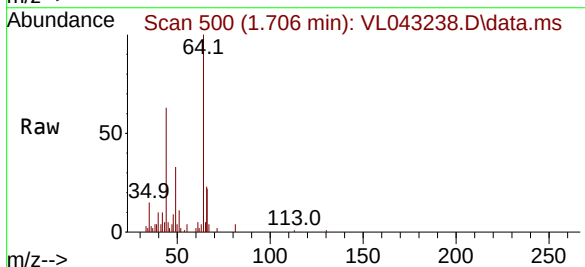
Instrument :
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 ClientSampleId :
 9B-SG-2

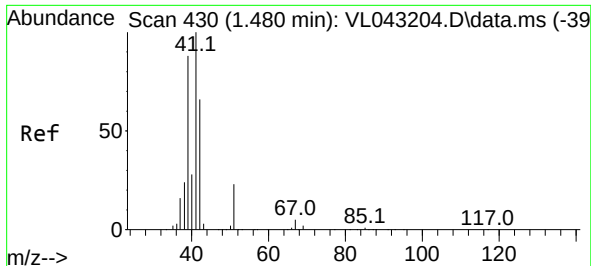
Tgt Ion: 62 Resp: 1563
 Ion Ratio Lower Upper
 62 100
 64 27.3 27.3 40.9#



#7
 Chloroethane
 Concen: 0.989 ppbv
 RT: 1.706 min Scan# 500
 Delta R.T. 0.006 min
 Lab File: VL043238.D
 Acq: 19 Nov 2025 14:25

Tgt Ion: 64 Resp: 2300
 Ion Ratio Lower Upper
 64 100
 66 45.4 26.8 40.2#





#9

Propene

Concen: 2.055 ppbv

RT: 1.482 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

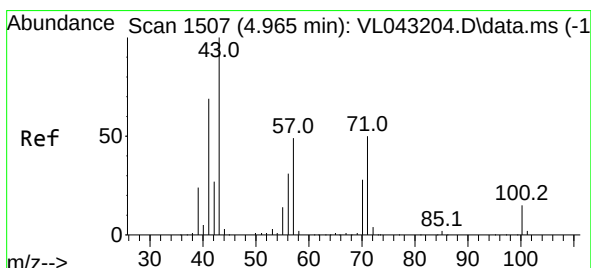
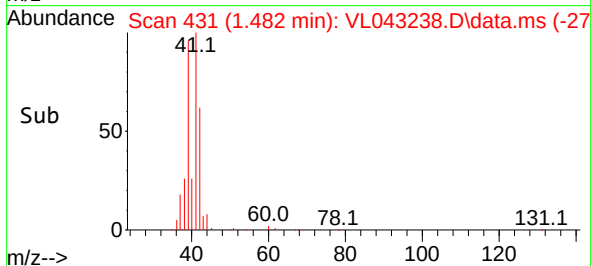
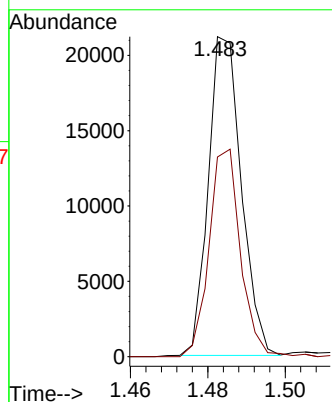
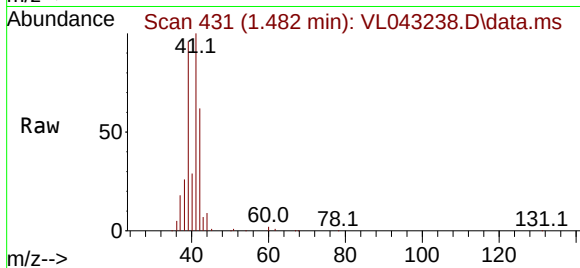
9B-SG-2

Tgt Ion: 41 Resp: 12538

Ion Ratio Lower Upper

41 100

42 62.4 3.7 5.5#



#10

Heptane

Concen: 0.093 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. 0.009 min

Lab File: VL043238.D

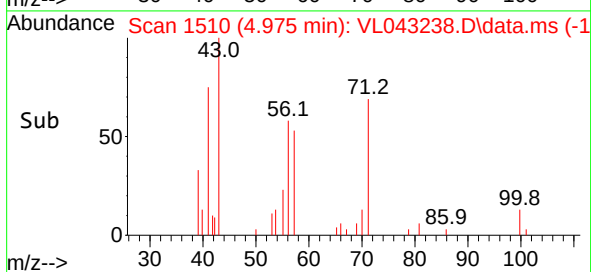
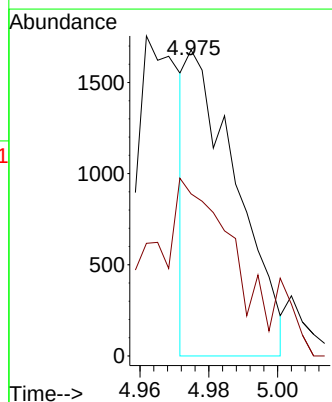
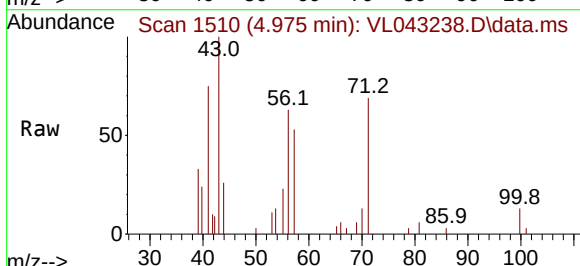
Acq: 19 Nov 2025 14:25

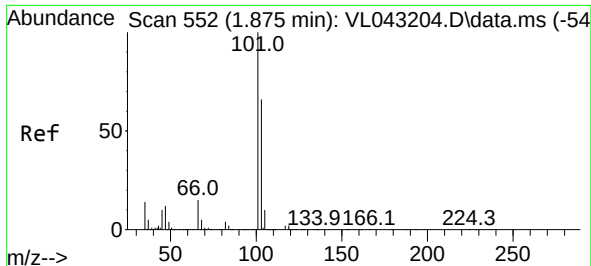
Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

43 100

57 118.0 39.7 59.5#

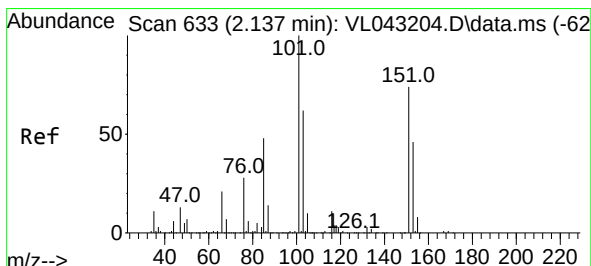
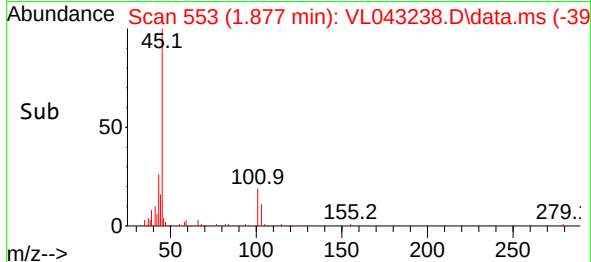
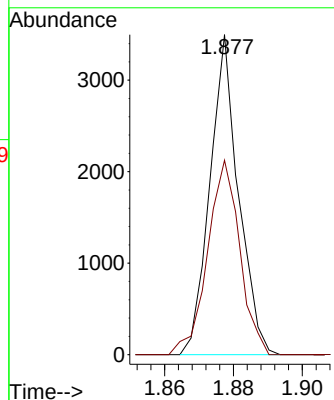
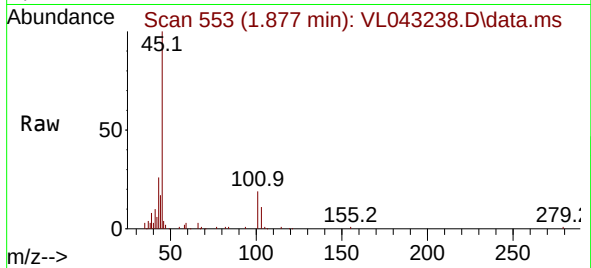




#11
Trichlorofluoromethane
Concen: 0.143 ppbv
RT: 1.877 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

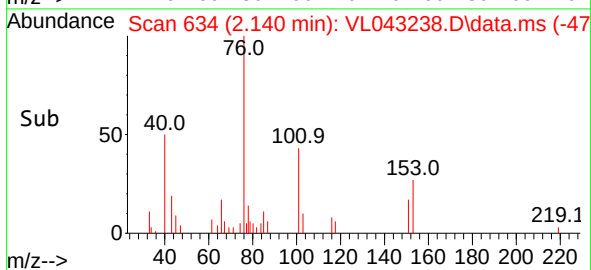
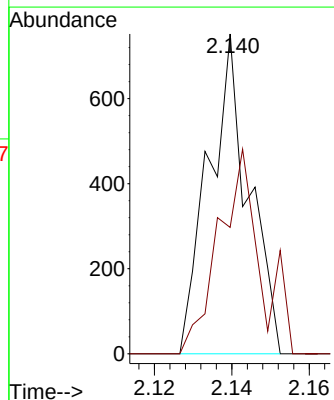
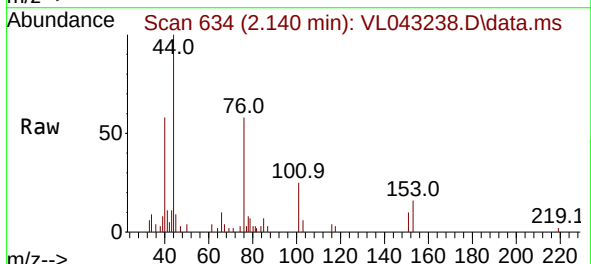
Instrument :
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9B-SG-2

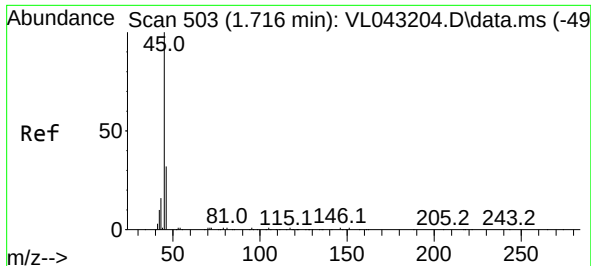
Tgt Ion:101 Resp: 2019
Ion Ratio Lower Upper
101 100
103 60.7 52.6 79.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.049 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion:101 Resp: 540
Ion Ratio Lower Upper
101 100
151 65.6 59.2 88.8

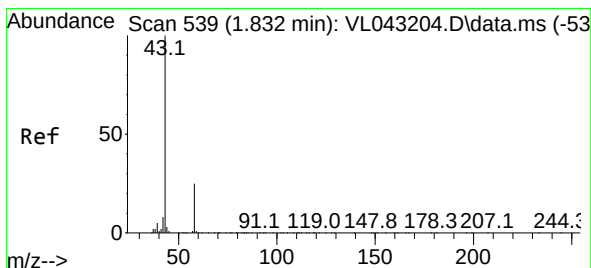
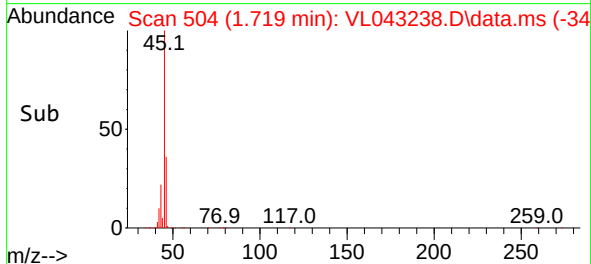
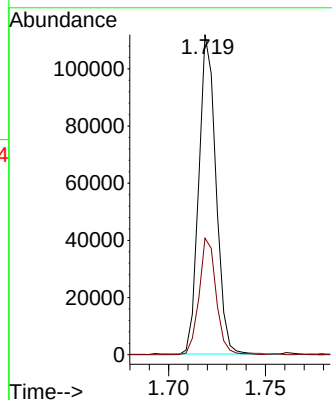
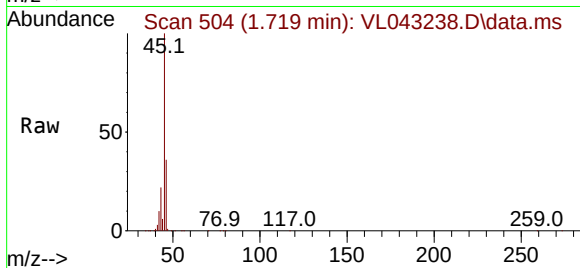




#13
Ethanol
Concen: 32.134 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

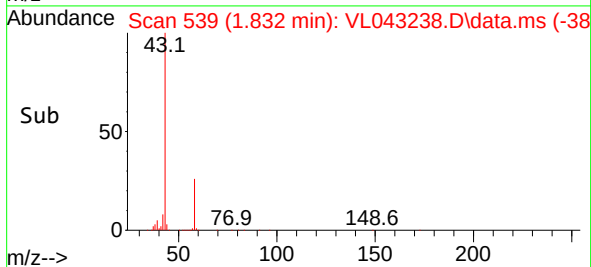
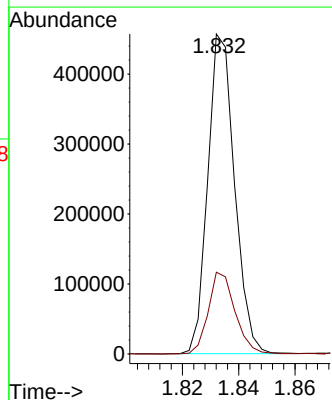
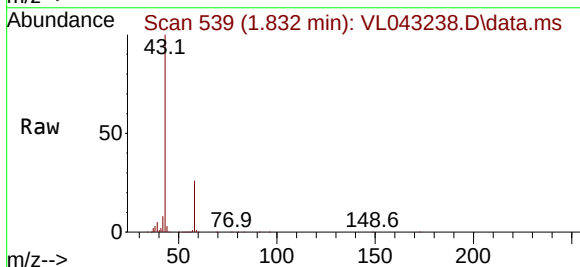
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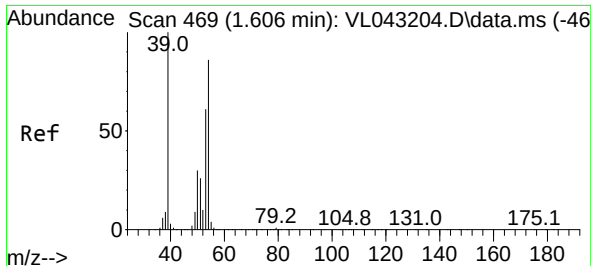
Tgt Ion: 45 Resp: 68935
Ion Ratio Lower Upper
45 100
46 36.5 15.0 59.8



#15
Acetone
Concen: 20.980 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.000 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 43 Resp: 301895
Ion Ratio Lower Upper
43 100
58 25.9 20.7 31.1

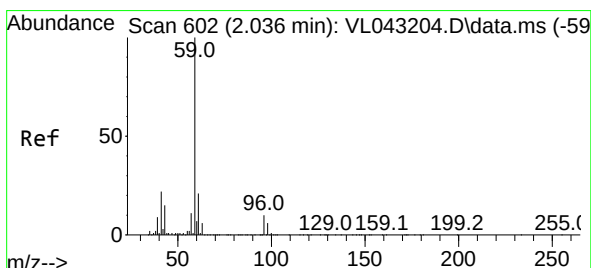
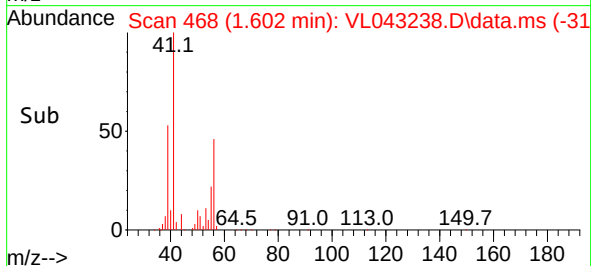
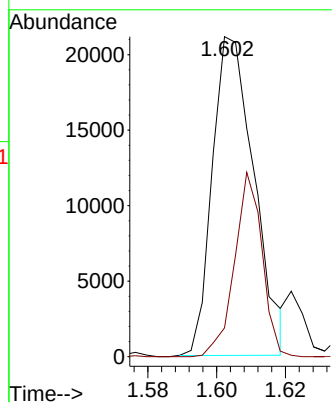
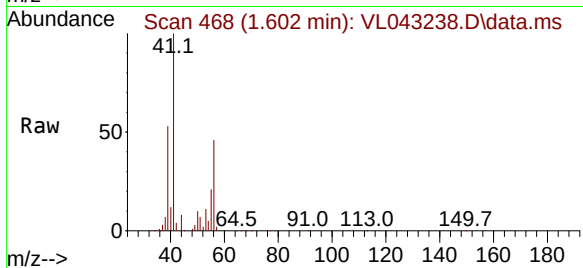




#16
1,3-Butadiene
Concen: 2.779 ppbv
RT: 1.602 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

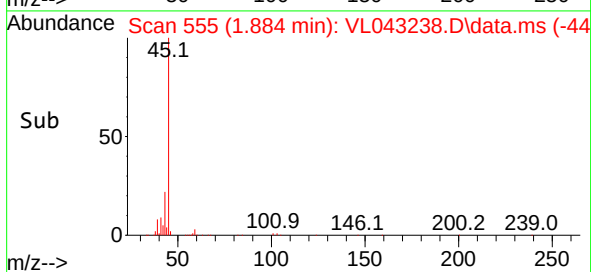
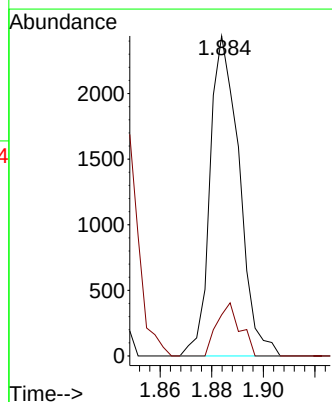
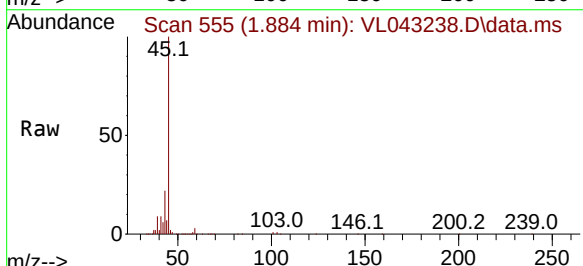
Instrument :
MSVOA_1
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9B-SG-2

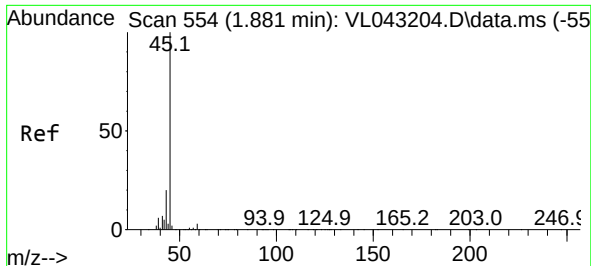
Tgt Ion: 39 Resp: 17830
Ion Ratio Lower Upper
39 100
54 38.0 59.4 89.2#



#17
tert-Butyl alcohol
Concen: 0.101 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.153 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 59 Resp: 1915
Ion Ratio Lower Upper
59 100
57 13.3 9.0 13.4

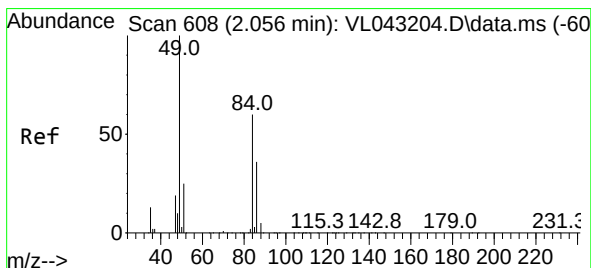
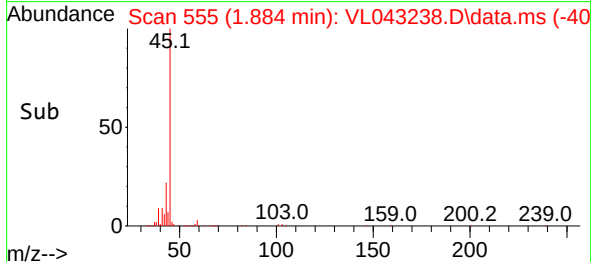
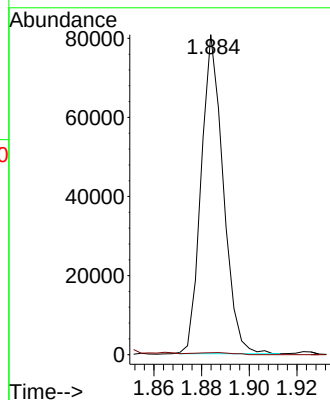
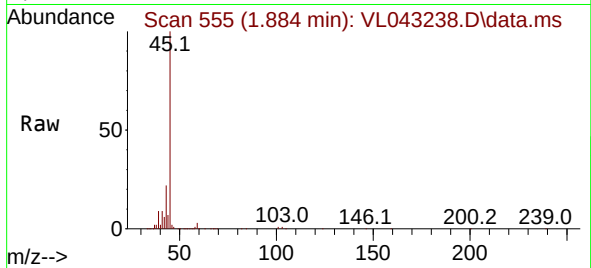




#19
Isopropyl Alcohol
Concen: 6.381 ppbv
RT: 1.884 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

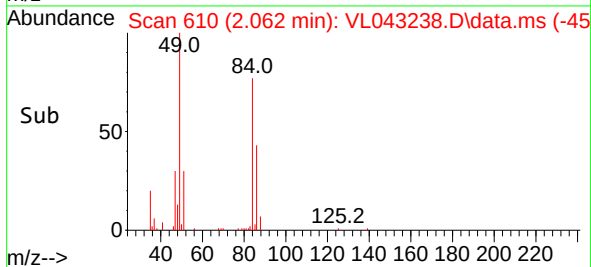
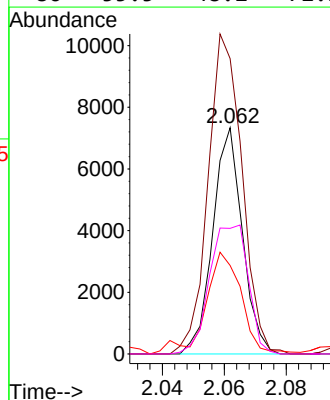
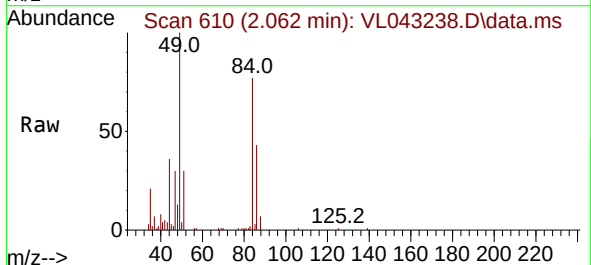
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

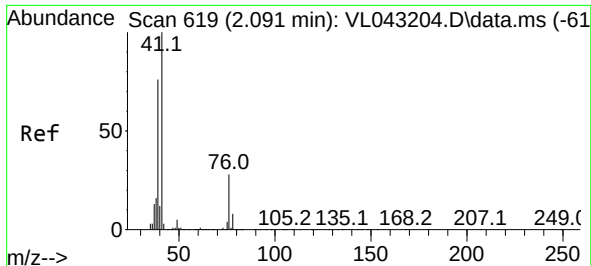
Tgt Ion: 45 Resp: 51890
Ion Ratio Lower Upper
45 100
58 150.5 31.3 46.9#



#20
Methylene Chloride
Concen: 0.398 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 84 Resp: 4882
Ion Ratio Lower Upper
84 100
49 128.7 132.9 199.3#
51 37.8 34.8 52.2
86 55.5 48.2 72.2

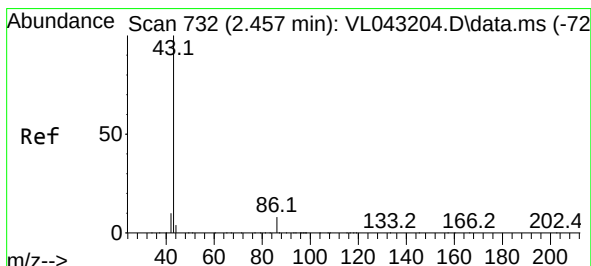
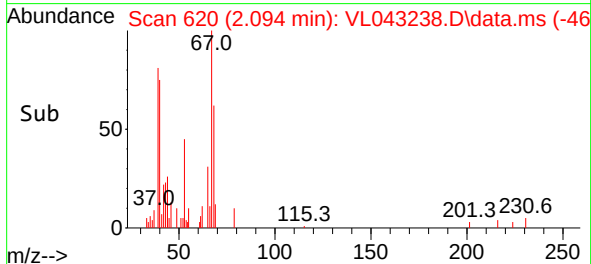
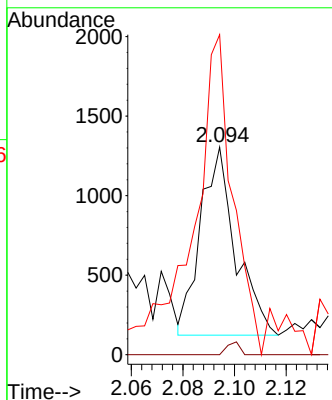
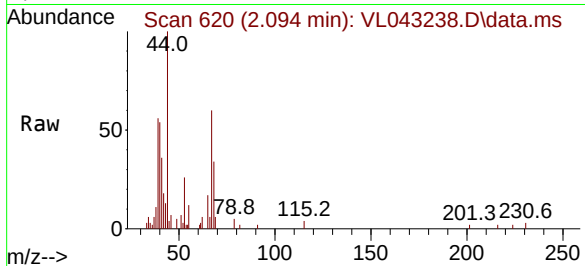




#21
 Allyl Chloride
 Concen: 0.116 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL043238.D
 Acq: 19 Nov 2025 14:25

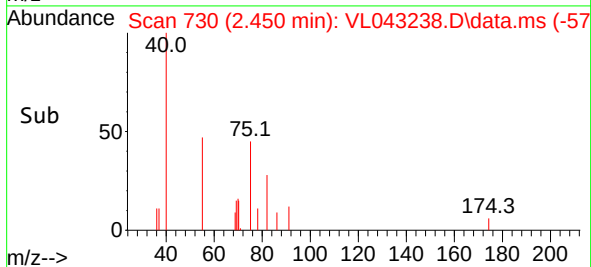
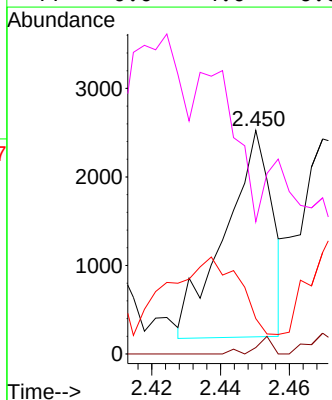
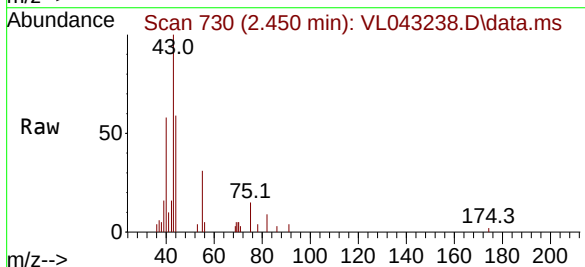
Instrument :
 MSVOA_1
 ClientSampleId :
 9B-SG-2

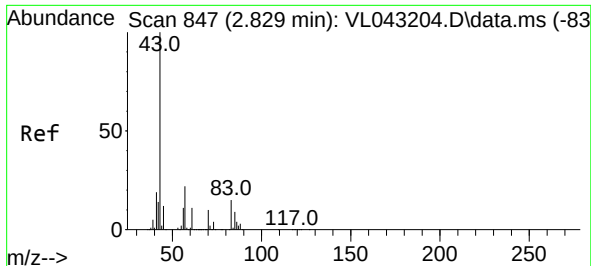
Tgt Ion: 41 Resp: 1122
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.1 33.1#
 39 151.5 61.0 91.4#



#23
 Vinyl Acetate
 Concen: 0.128 ppbv
 RT: 2.450 min Scan# 730
 Delta R.T. -0.007 min
 Lab File: VL043238.D
 Acq: 19 Nov 2025 14:25

Tgt Ion: 43 Resp: 2222
 Ion Ratio Lower Upper
 43 100
 86 3.3 6.2 9.2#
 42 8.0 8.0 12.0
 44 0.0 4.0 6.0#

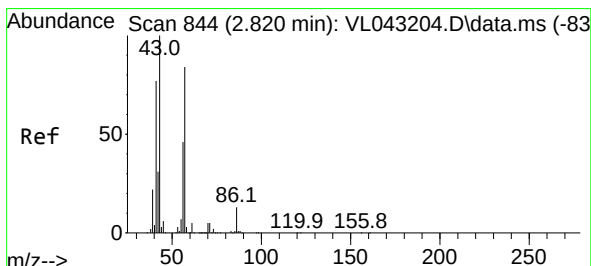
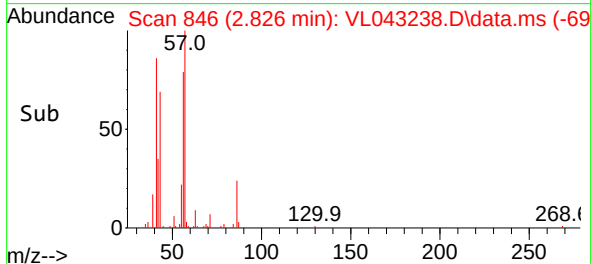
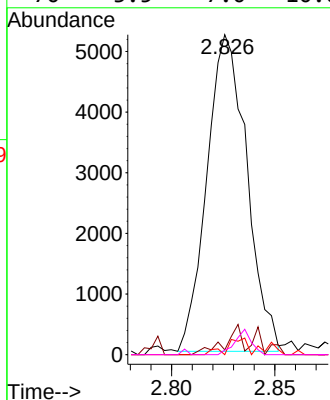
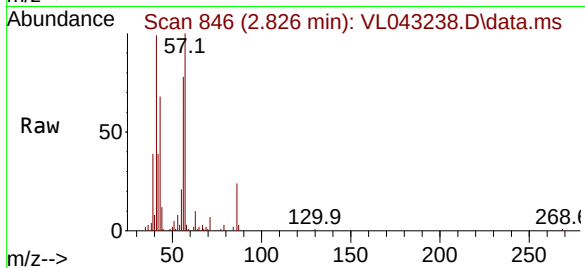




#25
Ethyl Acetate
Concen: 0.226 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.004 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

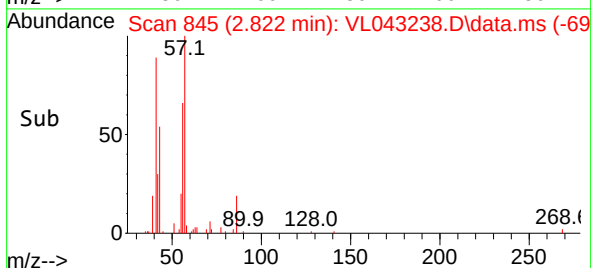
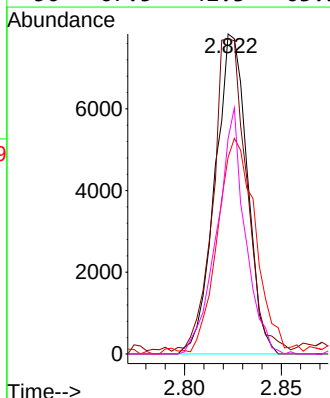
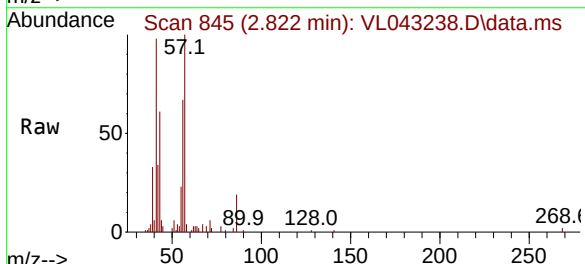
Instrument :
MSVOA_L
ClientSampleId :
9B-SG-2

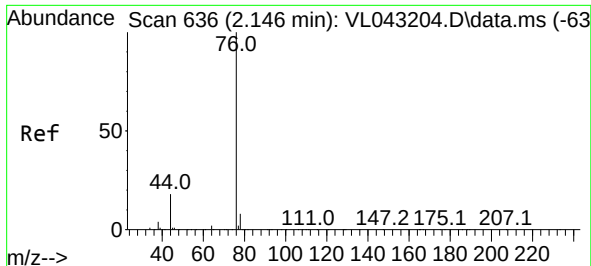
Tgt Ion: 43	Resp: 7019
Ion Ratio	Lower Upper
43 100	
45 6.5	8.1 12.1#
61 4.1	7.0 10.4#
70 3.5	7.0 10.6#



#26
Hexane
Concen: 0.666 ppbv
RT: 2.822 min Scan# 845
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 57	Resp: 9063
Ion Ratio	Lower Upper
57 100	
41 111.0	74.6 111.8
43 81.6	179.0 268.4#
56 67.5	42.3 63.5#





#27

Carbon Disulfide

Concen: 0.670 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

9B-SG-2

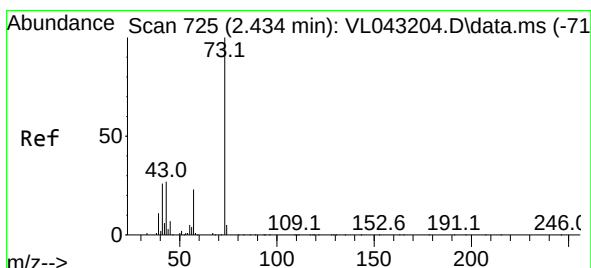
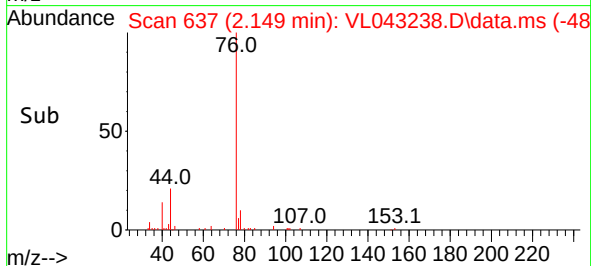
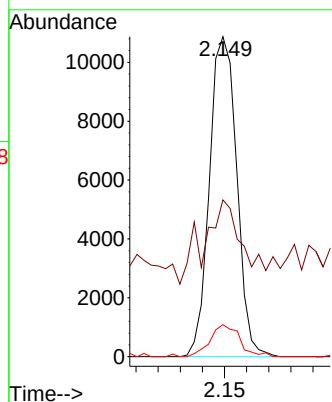
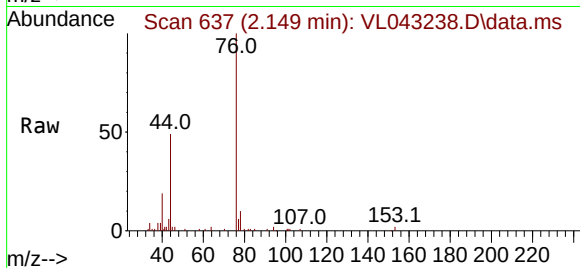
Tgt Ion: 76 Resp: 9305

Ion Ratio Lower Upper

76 100

44 57.4 16.1 24.1#

78 10.8 9.6 14.4



#28

Methyl tert-Butyl Ether

Concen: 0.049 ppbv

RT: 2.402 min Scan# 715

Delta R.T. -0.033 min

Lab File: VL043238.D

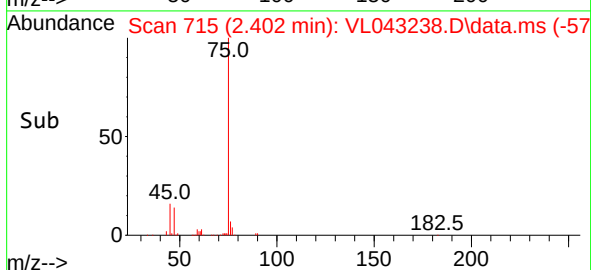
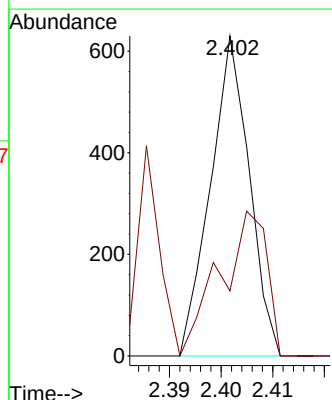
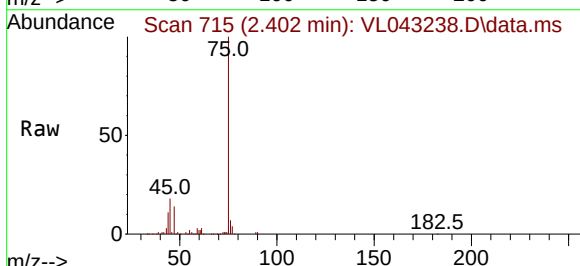
Acq: 19 Nov 2025 14:25

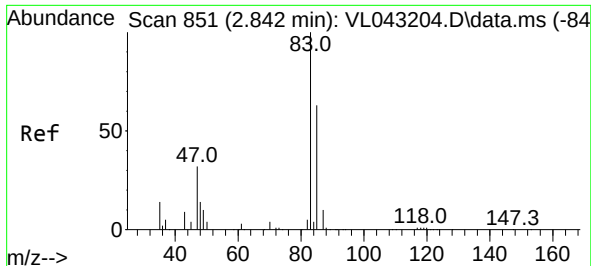
Tgt Ion: 73 Resp: 329

Ion Ratio Lower Upper

73 100

57 116.7 19.8 29.8#





#29

Chloroform

Concen: 0.039 ppbv

RT: 2.848 min Scan# 851

Delta R.T. 0.006 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

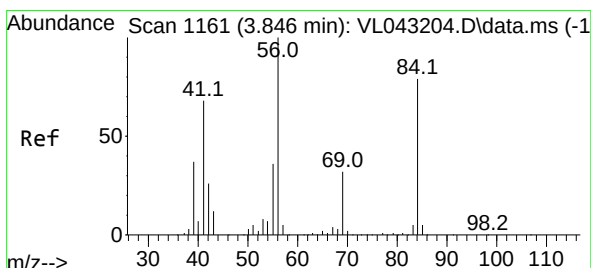
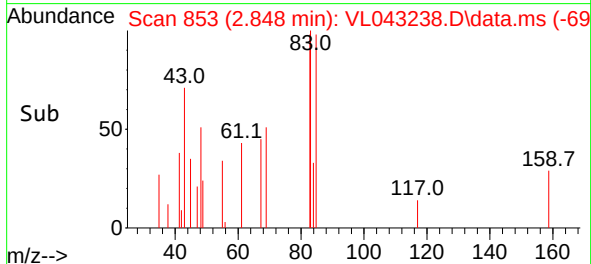
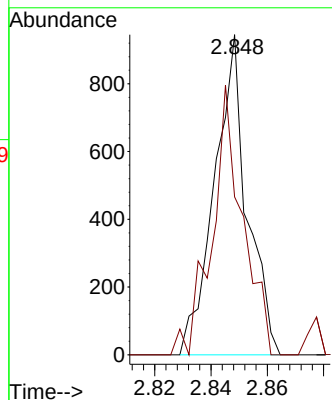
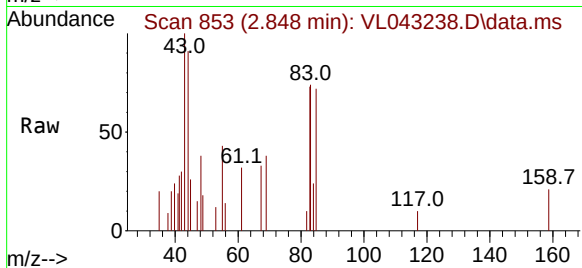
9B-SG-2

Tgt Ion: 83 Resp: 762

Ion Ratio Lower Upper

83 100

85 49.3 50.5 75.7#



#30

Cyclohexane

Concen: 0.046 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.009 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

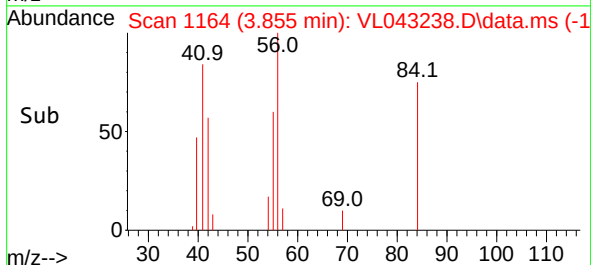
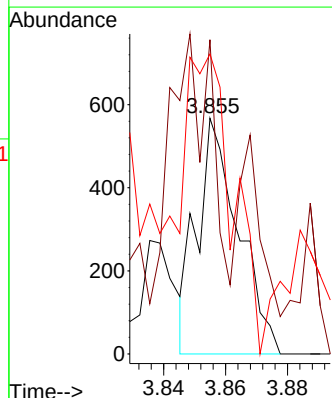
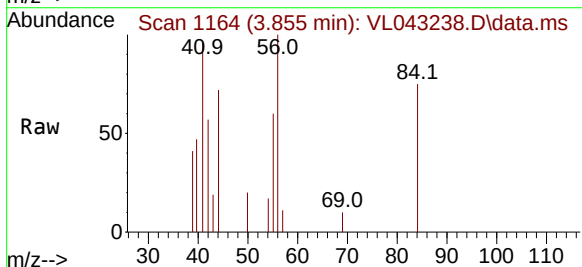
Tgt Ion: 84 Resp: 525

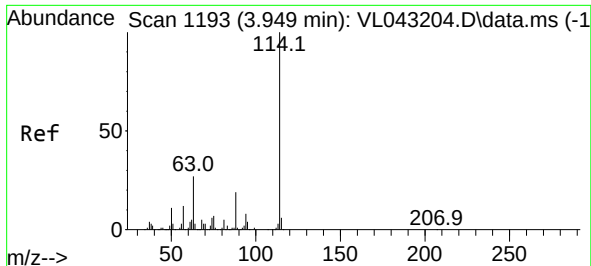
Ion Ratio Lower Upper

84 100

56 0.0 104.7 157.1#

41 225.7 69.0 103.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

9B-SG-2

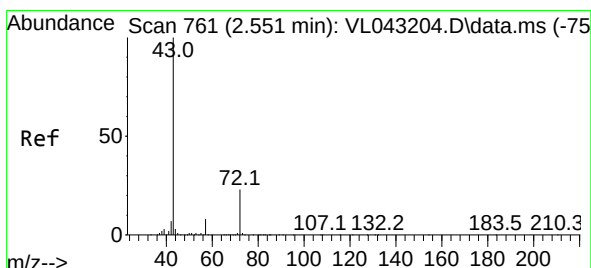
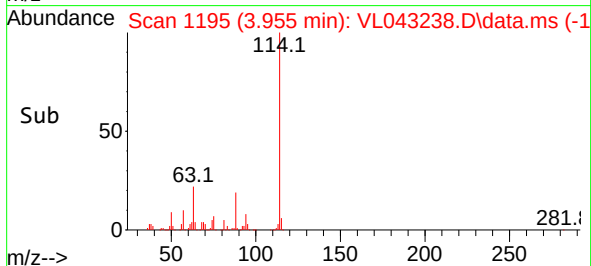
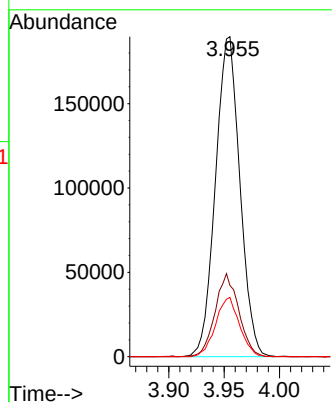
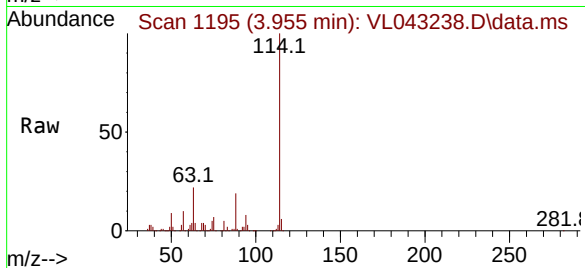
Tgt Ion:114 Resp: 291331

Ion Ratio Lower Upper

114 100

63 25.2 21.0 31.6

88 18.2 14.9 22.3



#34

2-Butanone

Concen: 1.072 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.003 min

Lab File: VL043238.D

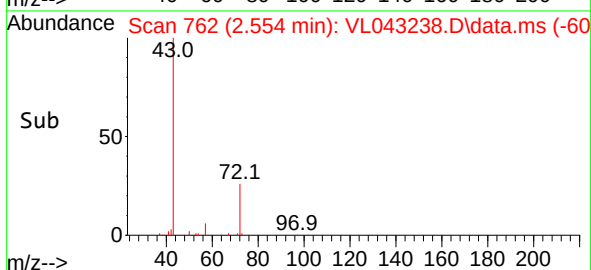
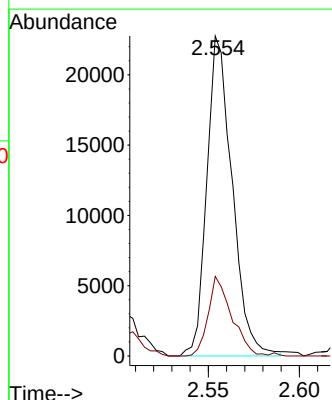
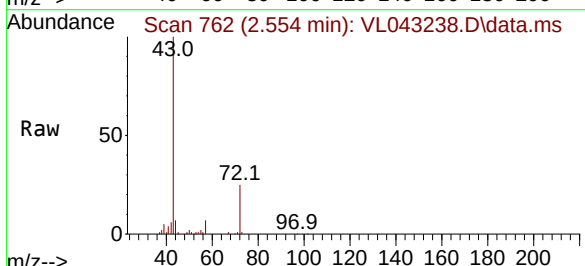
Acq: 19 Nov 2025 14:25

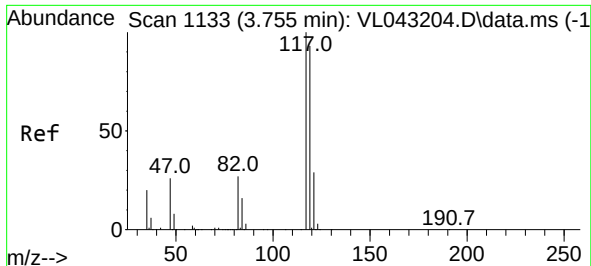
Tgt Ion: 43 Resp: 22054

Ion Ratio Lower Upper

43 100

72 23.3 18.1 27.1

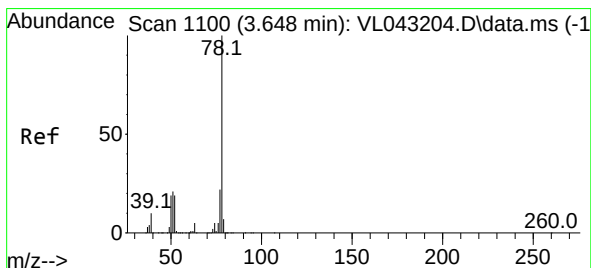
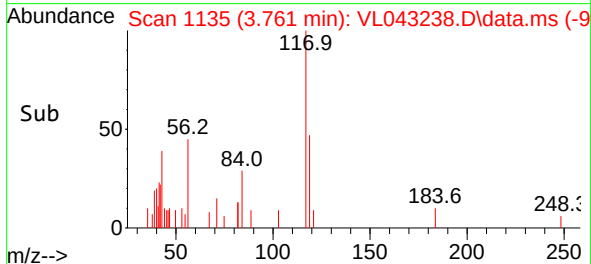
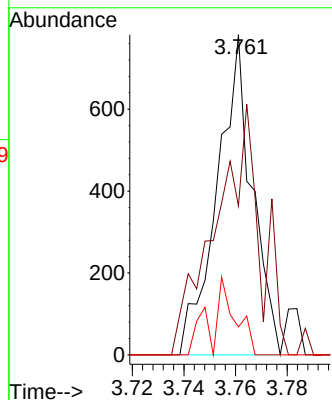
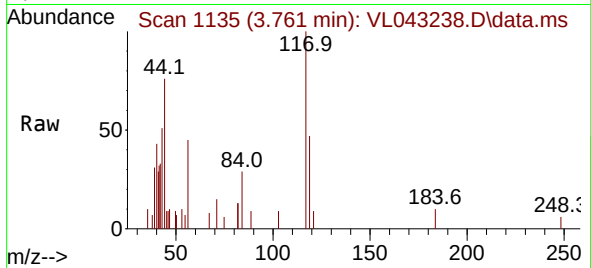




#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 3.761 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

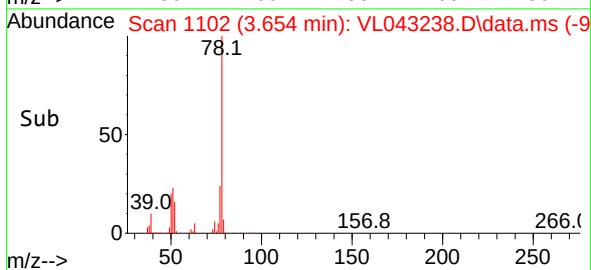
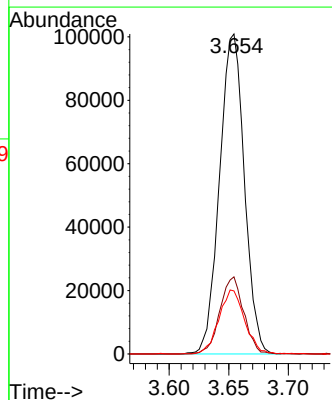
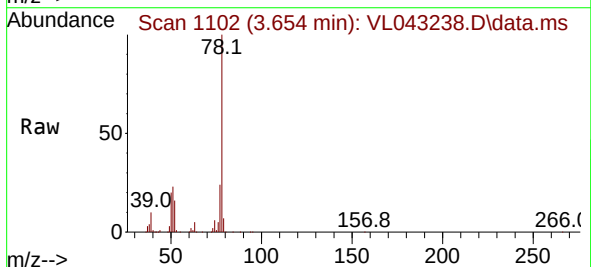
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

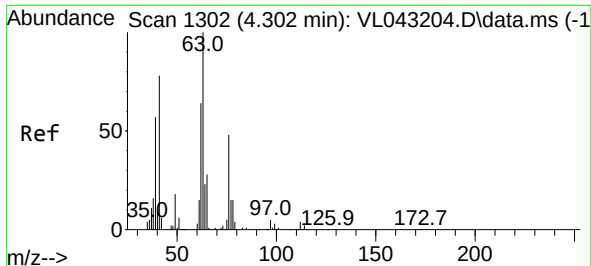
Tgt Ion:117 Resp: 737
Ion Ratio Lower Upper
117 100
119 37.2 74.6 112.0#
121 8.7 23.2 34.8#



#36
Benzene
Concen: 5.237 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 78 Resp: 146126
Ion Ratio Lower Upper
78 100
77 24.1 17.5 26.3
50 19.7 15.5 23.3





#39

1,2-Dichloropropane

Concen: 7.164 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.350 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

9B-SG-2

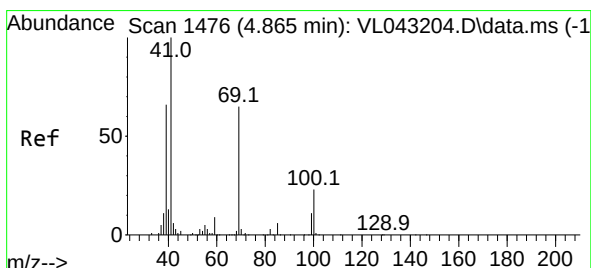
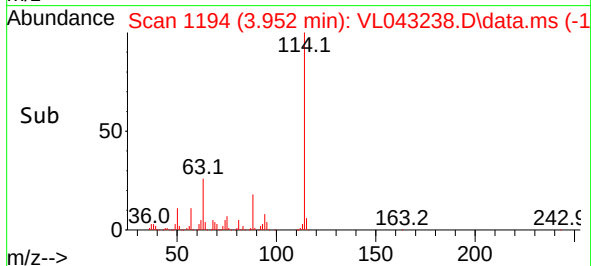
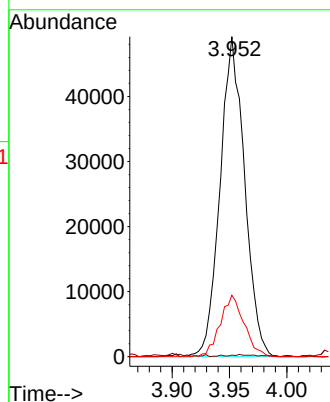
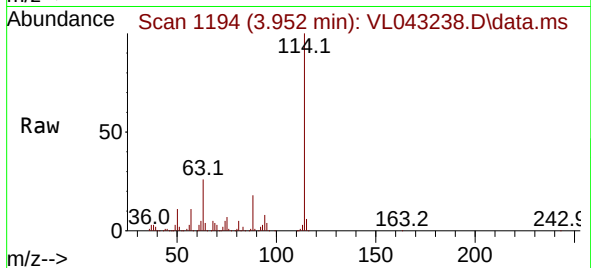
Tgt Ion: 63 Resp: 73157

Ion Ratio Lower Upper

63 100

41 0.5 62.6 93.8#

62 19.2 51.0 76.6#



#43

Methyl Methacrylate

Concen: 0.039 ppbv

RT: 4.878 min Scan# 1480

Delta R.T. 0.013 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

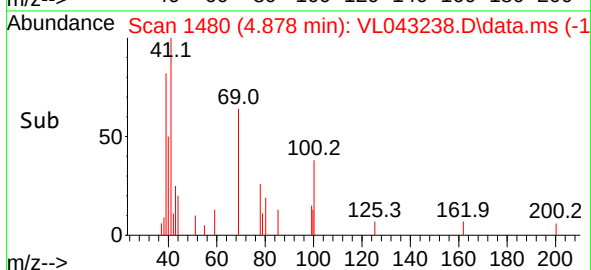
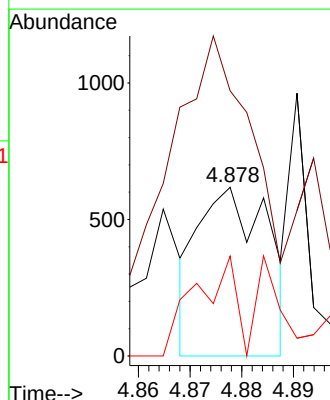
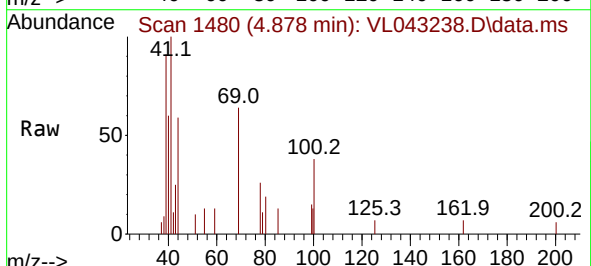
Tgt Ion: 69 Resp: 580

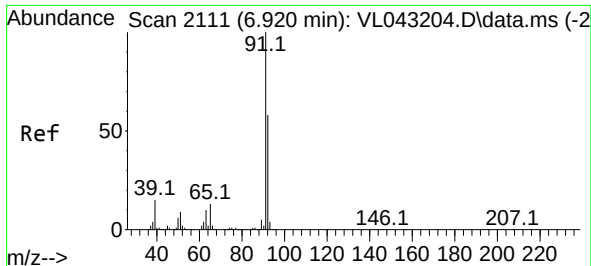
Ion Ratio Lower Upper

69 100

41 399.0 126.7 190.1#

100 0.0 28.6 43.0#

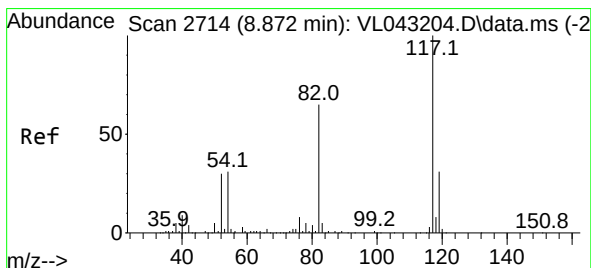
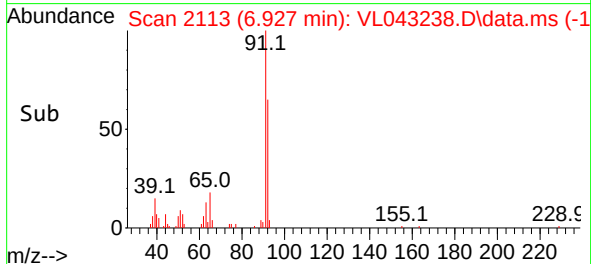
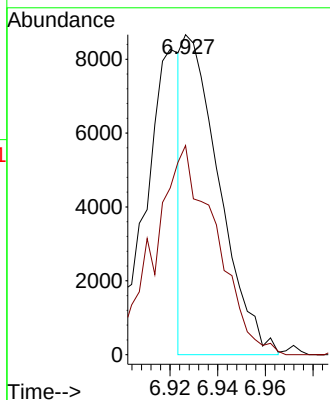
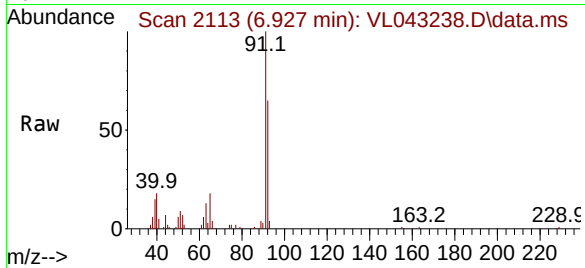




#53
Toluene
Concen: 0.279 ppbv
RT: 6.927 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

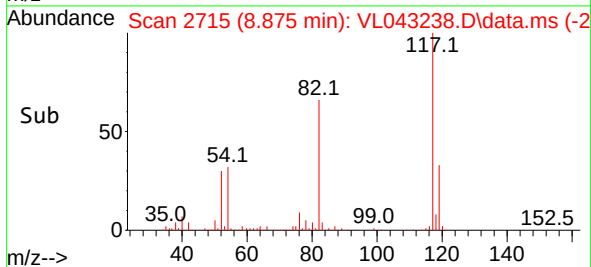
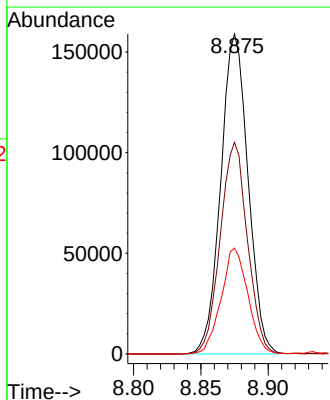
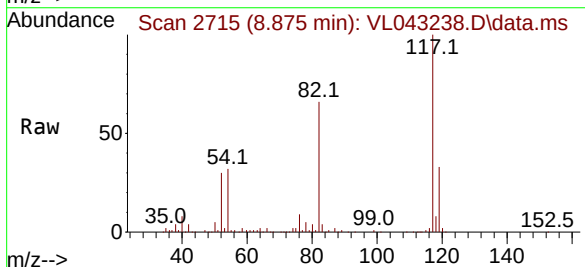
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

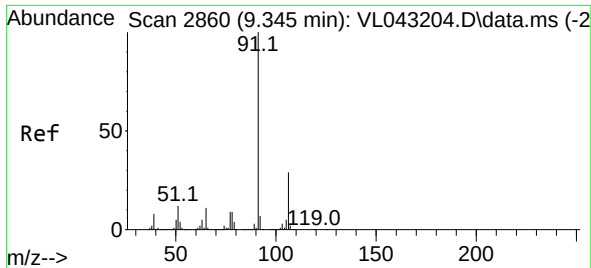
Tgt Ion: 91 Resp: 9216
Ion Ratio Lower Upper
91 100
92 112.4 47.4 71.0#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 117 Resp: 223974
Ion Ratio Lower Upper
117 100
82 65.9 56.1 84.1
119 32.6 25.0 37.6

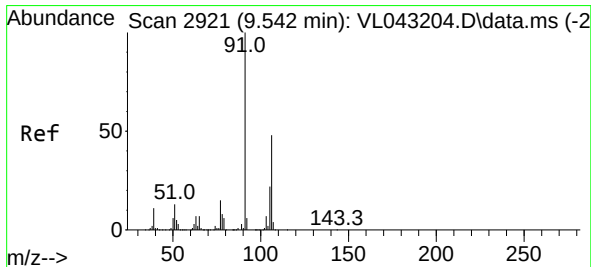
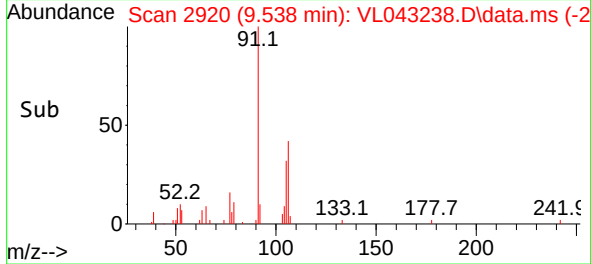
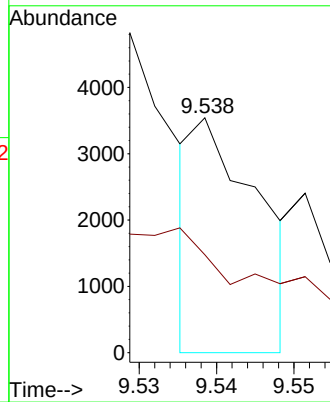
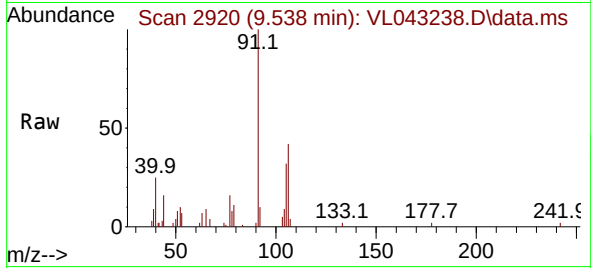




#58
Ethyl Benzene
Concen: 0.048 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. 0.194 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

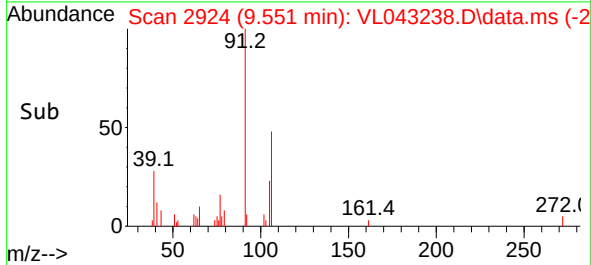
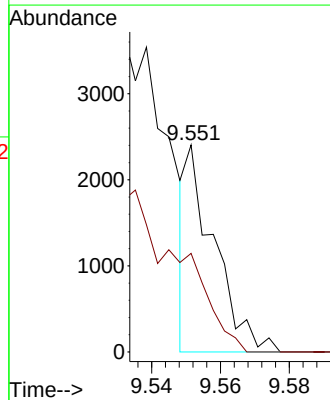
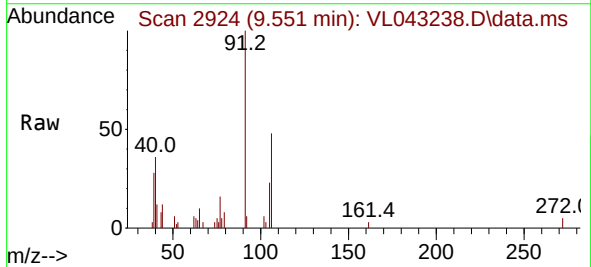
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

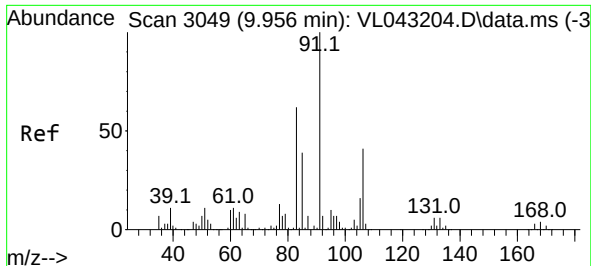
Tgt Ion: 91 Resp: 2065
Ion Ratio Lower Upper
91 100
106 28.2 22.8 34.2



#59
m/p-Xylene
Concen: 0.039 ppbv
RT: 9.551 min Scan# 2924
Delta R.T. 0.009 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 91 Resp: 1363
Ion Ratio Lower Upper
91 100
106 0.0 36.1 54.1#

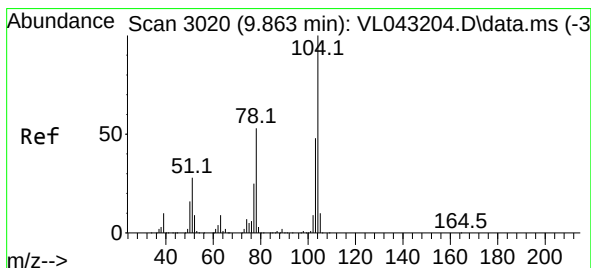
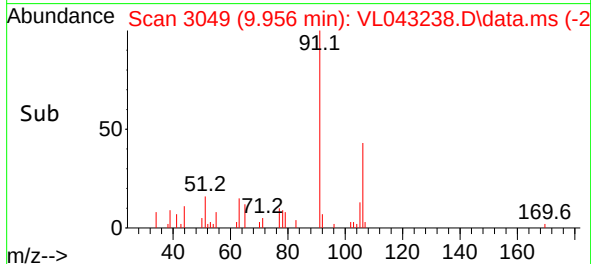
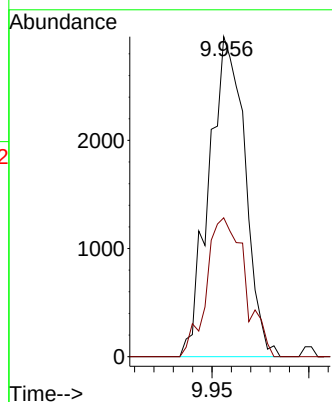
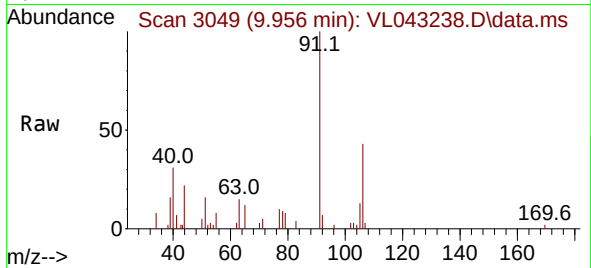




#60
o-Xylene
Concen: 0.111 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

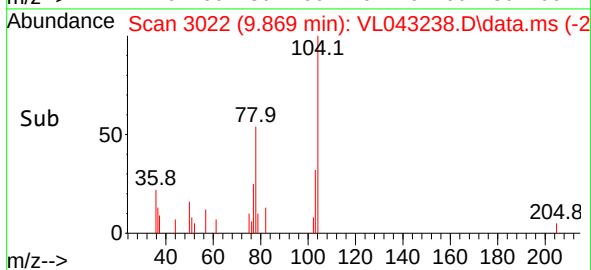
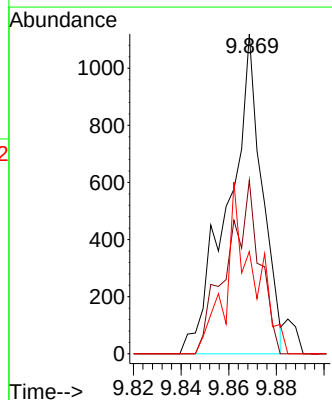
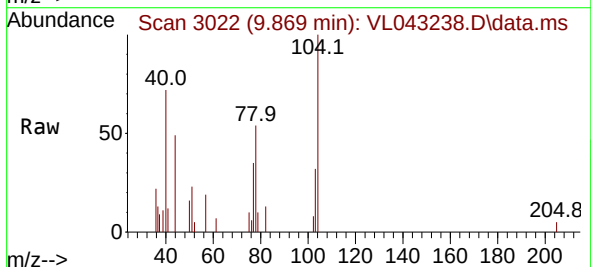
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

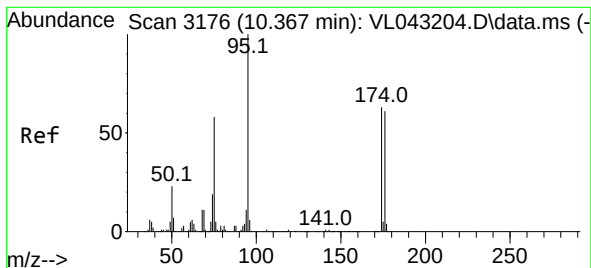
Tgt Ion: 91 Resp: 3821
Ion Ratio Lower Upper
91 100
106 46.6 20.9 62.8



#61
Styrene
Concen: 0.073 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 104 Resp: 1102
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 44.0 37.2 55.8

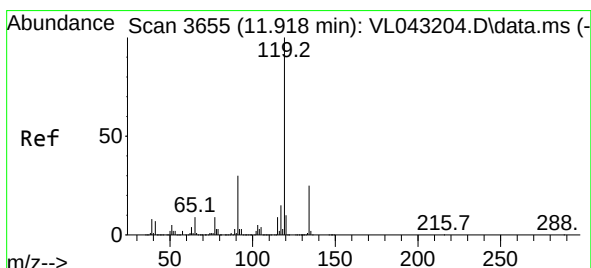
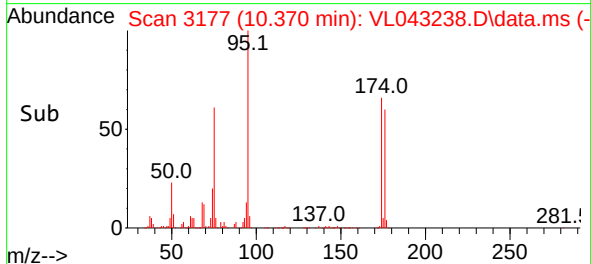
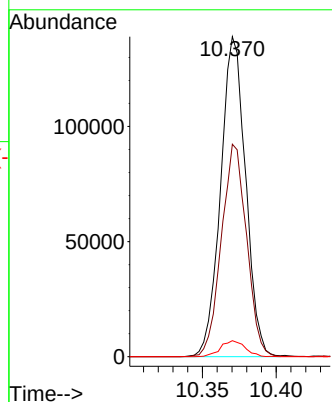
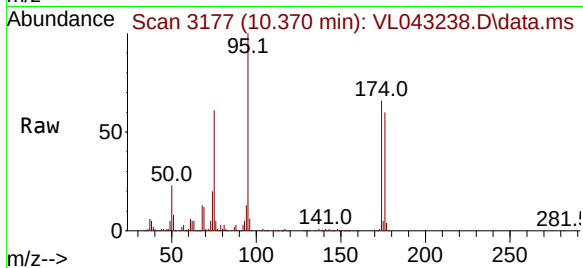




#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 10.370 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

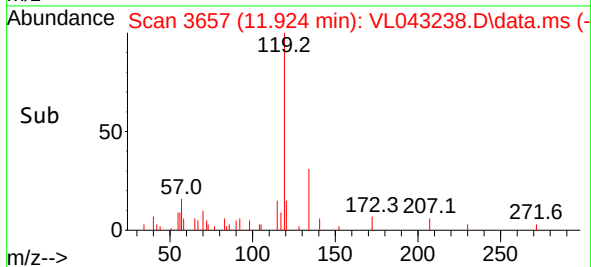
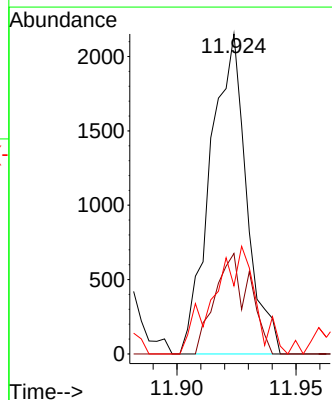
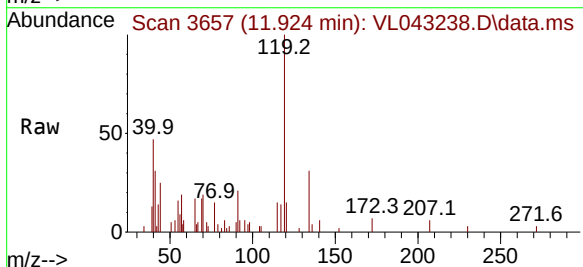
Instrument :
MSVOA_1
ClientSampleId :
9B-SG-2

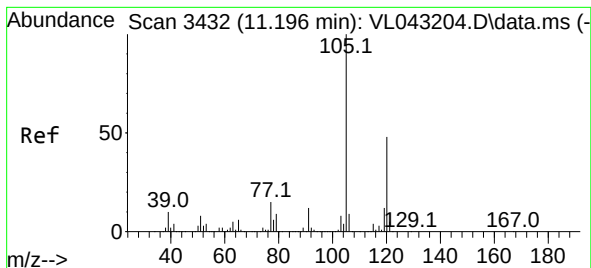
Tgt Ion: 95 Resp: 163862
Ion Ratio Lower Upper
95 100
174 66.9 50.2 75.2
175 4.9 4.1 6.1



#69
p-Isopropyltoluene
Concen: 0.035 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.006 min
Lab File: VL043238.D
Acq: 19 Nov 2025 14:25

Tgt Ion: 119 Resp: 2269
Ion Ratio Lower Upper
119 100
134 30.0 20.2 30.2
91 38.8 23.8 35.8





#73

1,3,5-Trimethylbenzene

Concen: 0.036 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. -0.000 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_1

ClientSampleId :

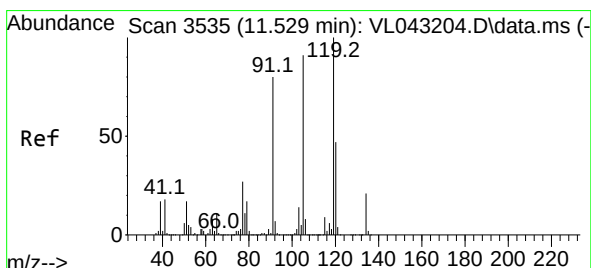
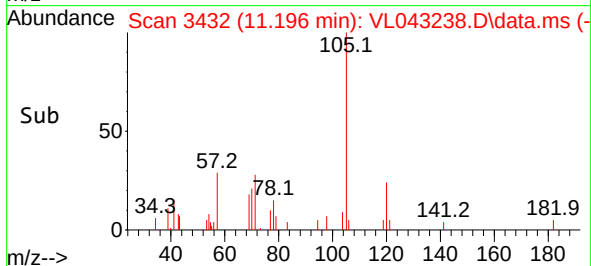
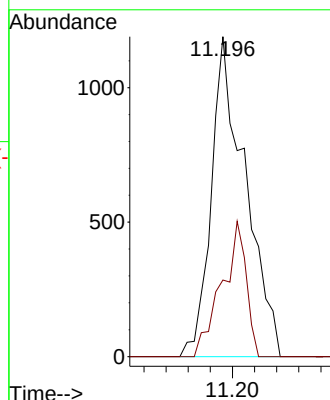
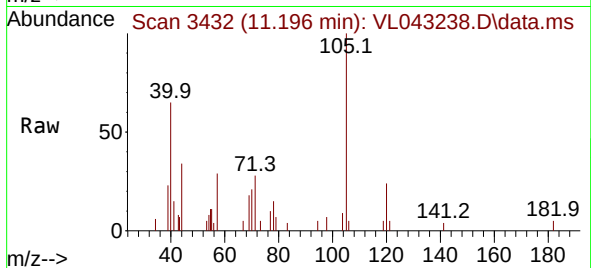
9B-SG-2

Tgt Ion:105 Resp: 1266

Ion Ratio Lower Upper

105 100

120 23.9 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.129 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL043238.D

Acq: 19 Nov 2025 14:25

Tgt Ion:105 Resp: 4967

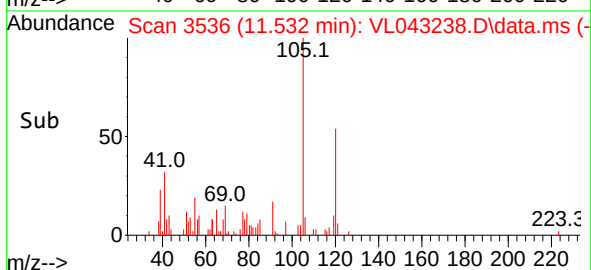
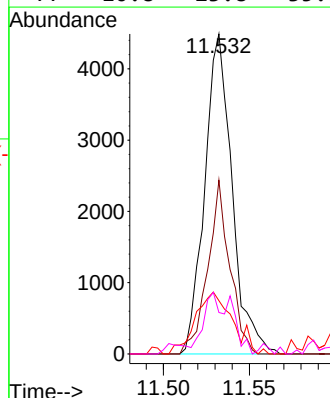
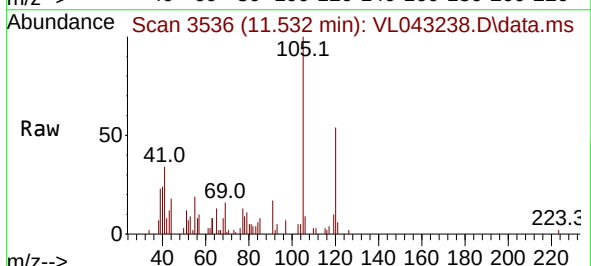
Ion Ratio Lower Upper

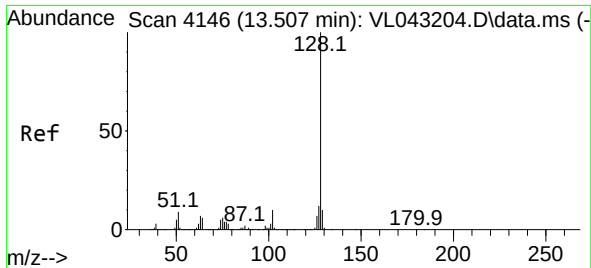
105 100

120 54.3 41.7 62.5

91 16.6 70.0 105.0#

77 10.8 23.8 35.8#





#79

Naphthalene

Concen: 0.034 ppbv

RT: 13.516 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL043238.D

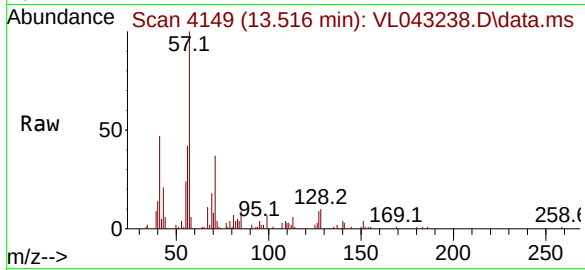
Acq: 19 Nov 2025 14:25

Instrument :

MSVOA_L

ClientSampleId :

9B-SG-2



Tgt Ion:	128	Resp:	1170
Ion	Ratio	Lower	Upper
128	100		
127	55.0	9.9	14.9#
129	0.0	8.4	12.6#

