

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042969.D
 Acq On : 22 Sep 2025 22:11
 Operator : SY/MD
 Sample : Q3130-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 131-1A-2

Quant Time: Sep 23 02:56:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

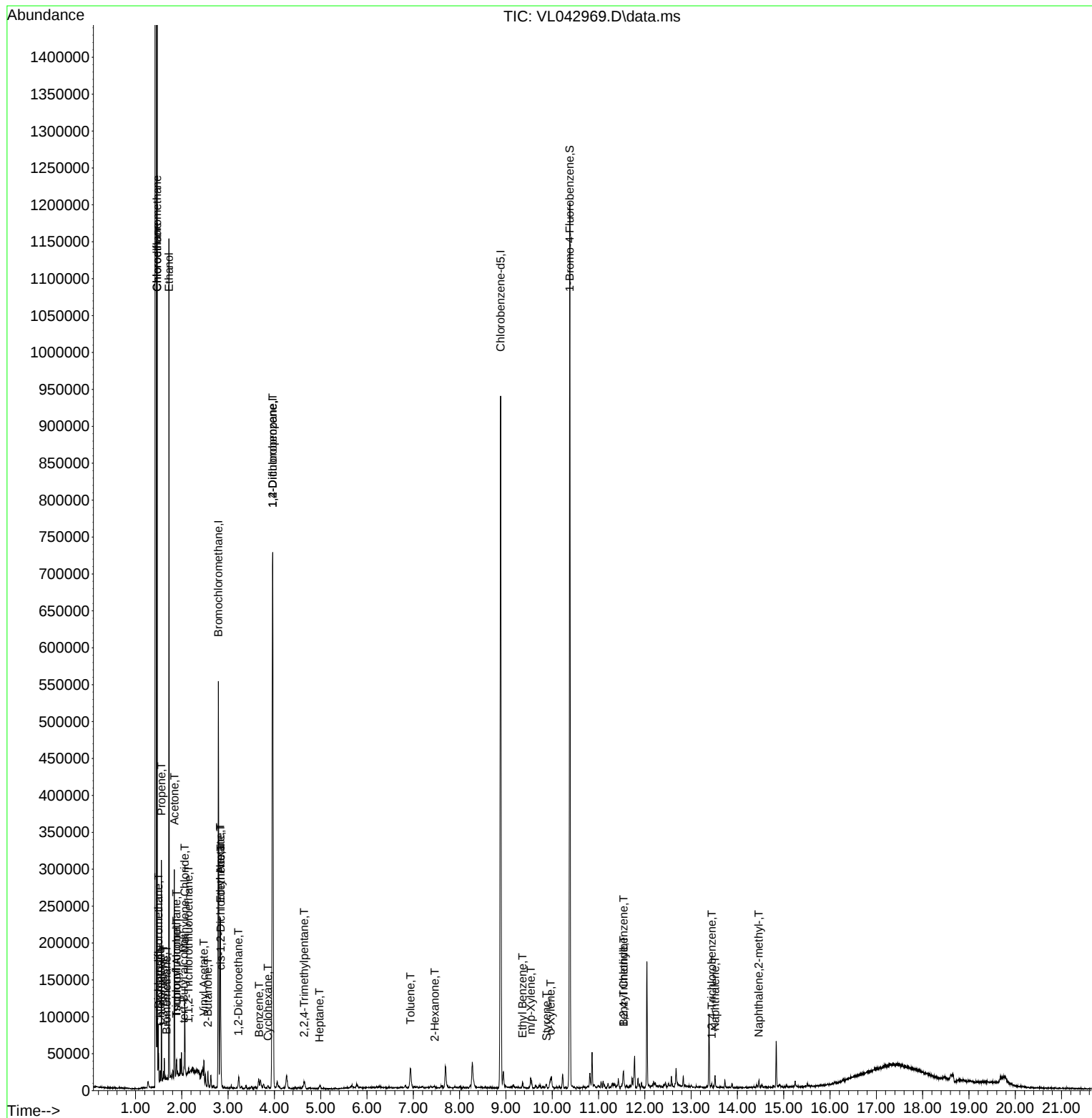
Internal Standards						
1) Bromochloromethane	2.790	49	149546	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	450214	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	401627	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	301579	10.059	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	9239	0.459	ppbv	91
3) Chlorodifluoromethane	1.466	51	564881	22.532	ppbv #	61
4) Chloromethane	1.534	50	3807	0.418	ppbv	99
6) Bromomethane	1.673	94	132	0.045	ppbv #	33
7) Chloroethane	1.466	64	25926	8.112	ppbv	97
9) Propene	1.560	41	26079	2.391	ppbv	89
10) Heptane	4.972	43	884	0.030	ppbv #	29
11) Trichlorofluoromethane	1.881	101	4200	0.217	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	1340	0.085	ppbv	83
13) Ethanol	1.722	45	383447	362.434	ppbv	95
15) Acetone	1.839	43	121911	6.259	ppbv	99
16) 1,3-Butadiene	1.602	39	1158	0.126	ppbv #	11
17) tert-Butyl alcohol	2.046	59	3697	0.173	ppbv #	74
19) Isopropyl Alcohol	1.887	45	9282	0.793	ppbv #	1
20) Methylene Chloride	2.065	84	15121	2.073	ppbv	96
23) Vinyl Acetate	2.476	43	8710	0.313	ppbv #	40
25) Ethyl Acetate	2.835	43	66385	1.349	ppbv #	93
26) Hexane	2.829	57	53982	2.406	ppbv #	61
30) Cyclohexane	3.861	84	664	0.035	ppbv #	5
31) cis-1,2-Dichloroethene	2.842	61	3708	0.176	ppbv #	24
34) 2-Butanone	2.563	43	12846	0.407	ppbv	98
36) Benzene	3.670	78	1565	0.037	ppbv	96
37) 1,2-Dichloroethane	3.221	62	2467	0.111	ppbv	98
39) 1,2-Dichloropropane	3.962	63	112069	7.261	ppbv #	24
44) 2,2,4-Trimethylpentane	4.645	57	5951	0.081	ppbv #	43
51) 2-Hexanone	7.461	43	1150	0.034	ppbv #	89
53) Toluene	6.939	91	18554	0.371	ppbv	98
58) Ethyl Benzene	9.357	91	3557	0.054	ppbv	99
59) m/p-Xylene	9.538	91	7045	0.135	ppbv #	100
60) o-Xylene	9.966	91	3565	0.069	ppbv	98
61) Styrene	9.882	104	1162	0.047	ppbv #	87
66) Benzyl Chloride	11.539	91	888	0.123	ppbv #	65
74) 1,2,4-Trimethylbenzene	11.539	105	5158	0.088	ppbv #	58
79) Naphthalene	13.516	128	7562	0.147	ppbv #	92
80) Naphthalene,2-methyl-	14.458	142	3301	0.207	ppbv #	87
81) 1,2,4-Trichlorobenzene	13.445	180	883	0.032	ppbv #	87

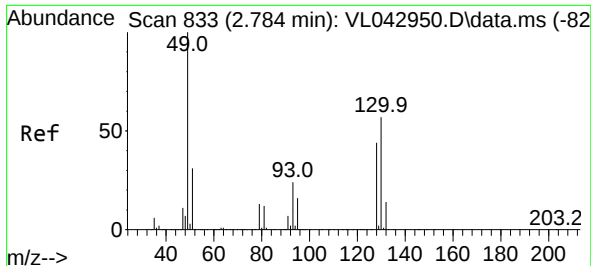
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042969.D
Acq On : 22 Sep 2025 22:11
Operator : SY/MD
Sample : Q3130-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

Quant Time: Sep 23 02:56:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

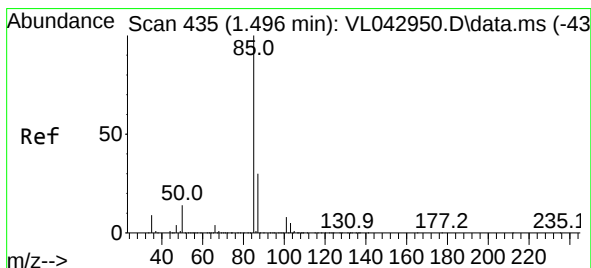
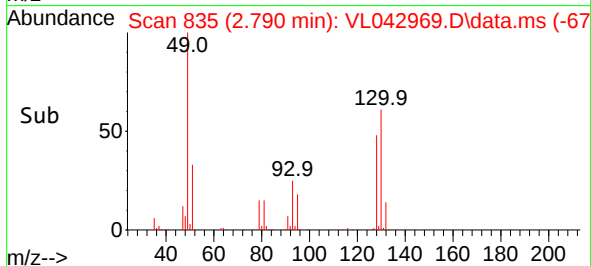
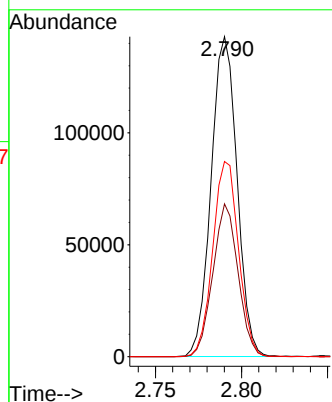
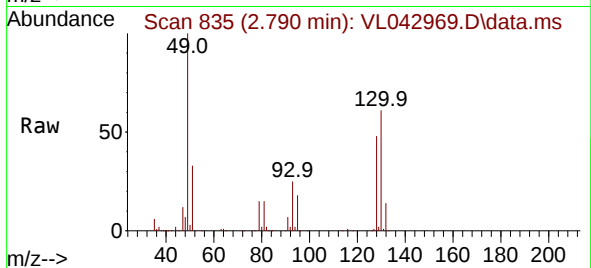




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

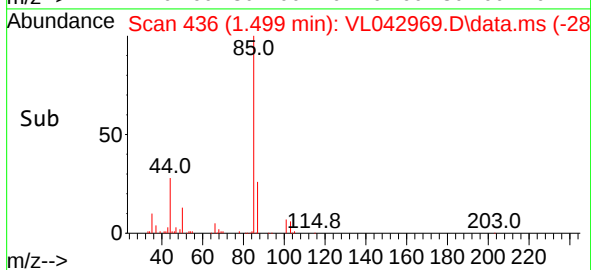
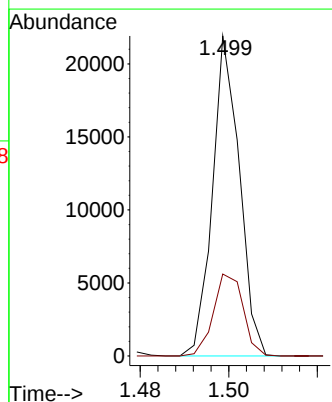
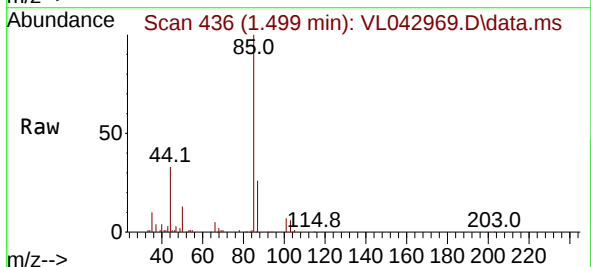
Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

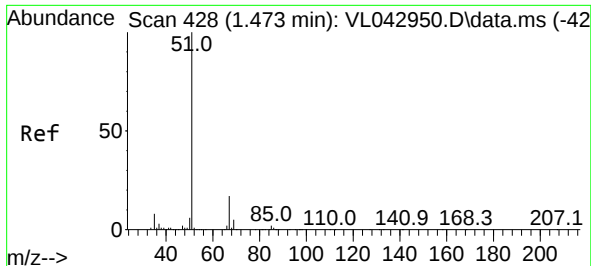
Tgt Ion: 49 Resp: 149546
Ion Ratio Lower Upper
49 100
128 46.5 22.9 68.8
130 60.8 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 0.459 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 85 Resp: 9239
Ion Ratio Lower Upper
85 100
87 25.6 24.3 36.5

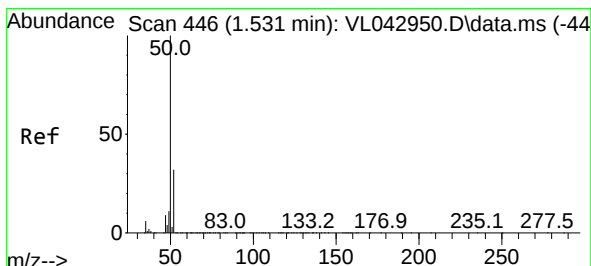
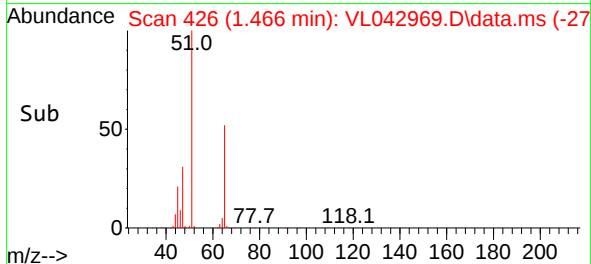
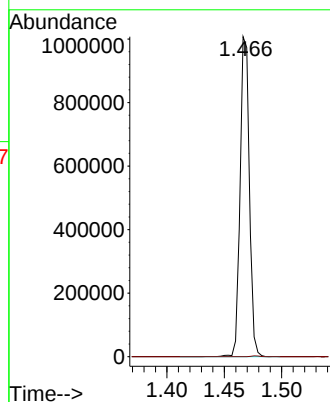
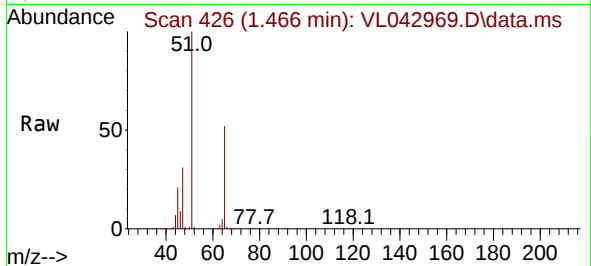




#3
Chlorodifluoromethane
Concen: 22.532 ppbv
RT: 1.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

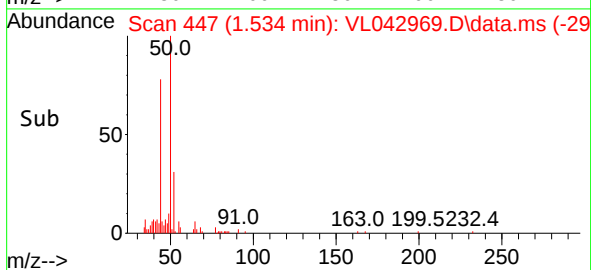
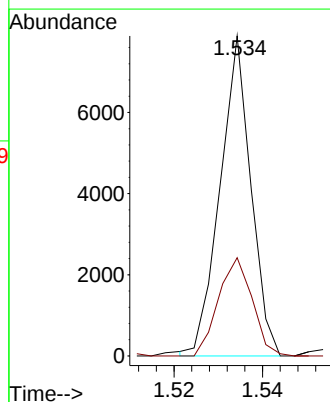
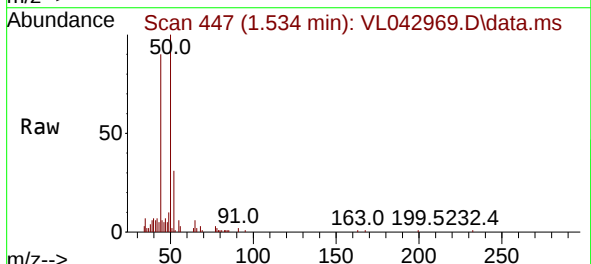
Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

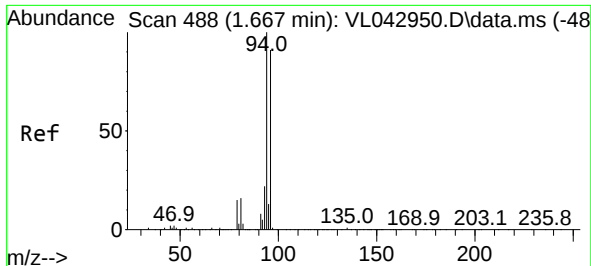
Tgt Ion: 51 Resp: 564881
Ion Ratio Lower Upper
51 100
67 0.2 13.8 20.8#



#4
Chloromethane
Concen: 0.418 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 50 Resp: 3807
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

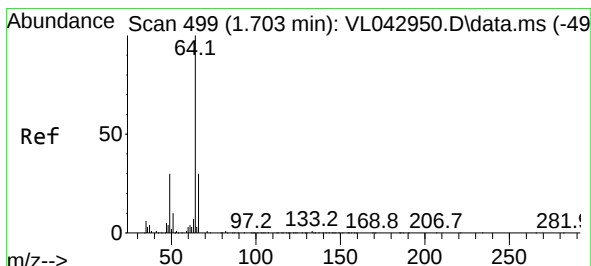
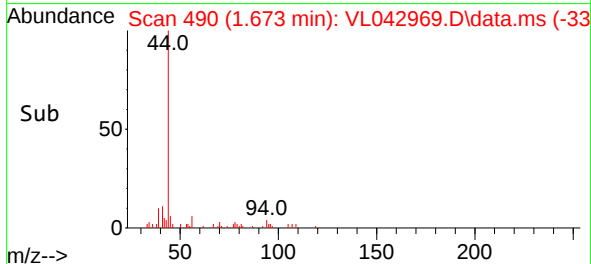
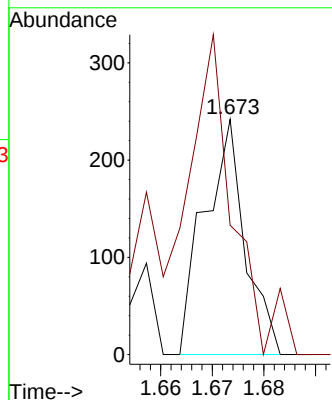
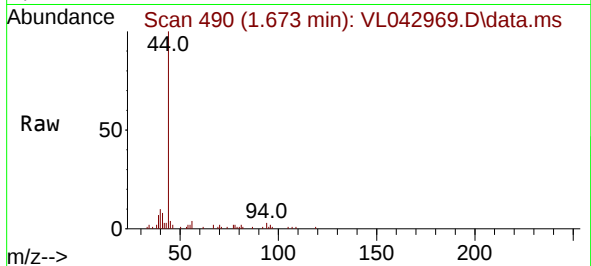




#6
Bromomethane
Concen: 0.045 ppbv
RT: 1.673 min Scan# 491
Delta R.T. 0.006 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

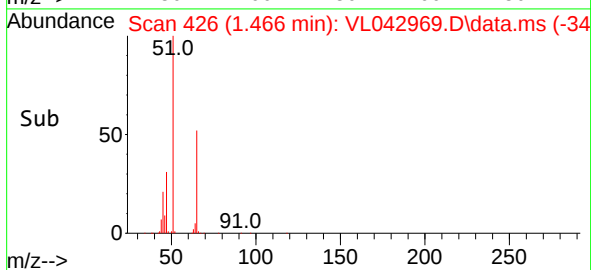
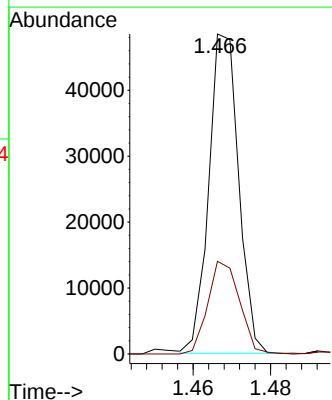
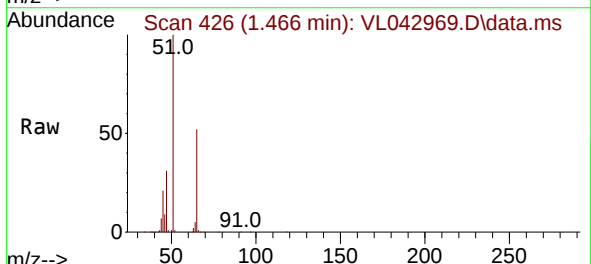
Instrument :
MSVOA_1
ClientSampleId :
131-1A-2

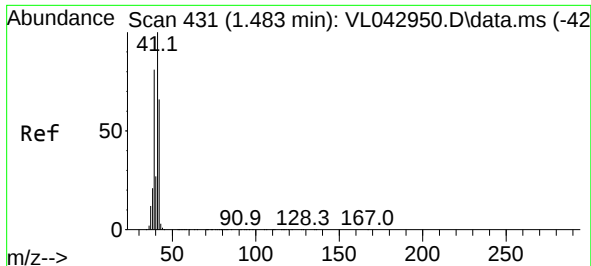
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 26.9 72.6 108.8#



#7
Chloroethane
Concen: 8.112 ppbv
RT: 1.466 min Scan# 426
Delta R.T. -0.237 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 64 Resp: 25926
Ion Ratio Lower Upper
64 100
66 28.9 24.6 36.8





#9

Propene

Concen: 2.391 ppbv

RT: 1.560 min Scan# 41

Delta R.T. 0.077 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_L

ClientSampleId :

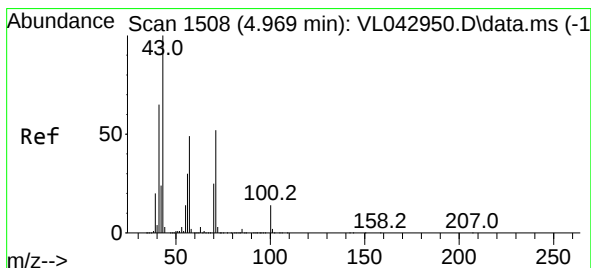
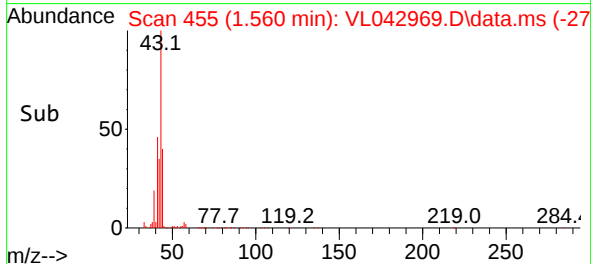
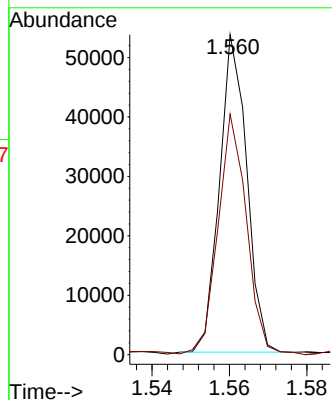
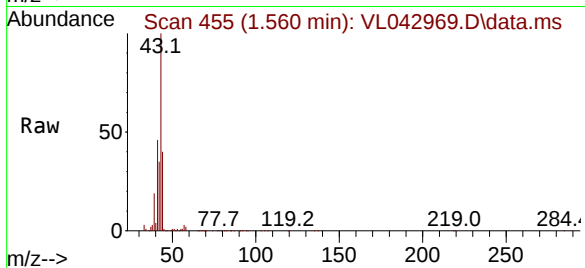
131-1A-2

Tgt Ion: 41 Resp: 26079

Ion Ratio Lower Upper

41 100

42 81.2 57.4 86.2



#10

Heptane

Concen: 0.030 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. 0.003 min

Lab File: VL042969.D

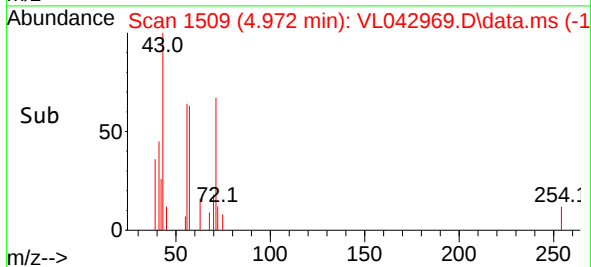
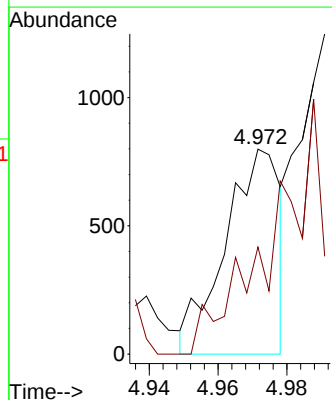
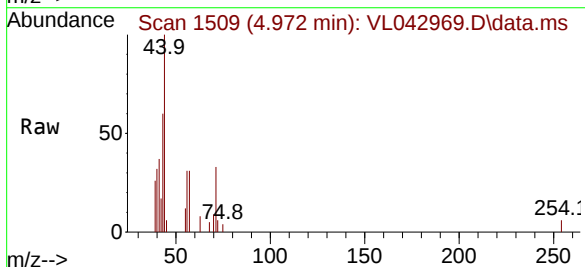
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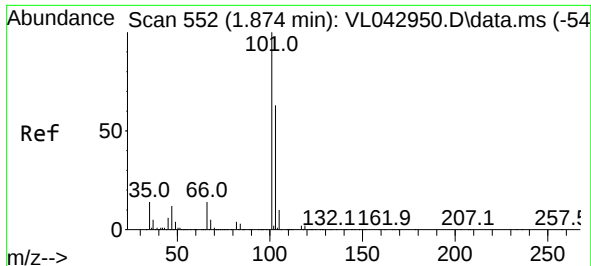
Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

57 0.0 38.6 57.8#

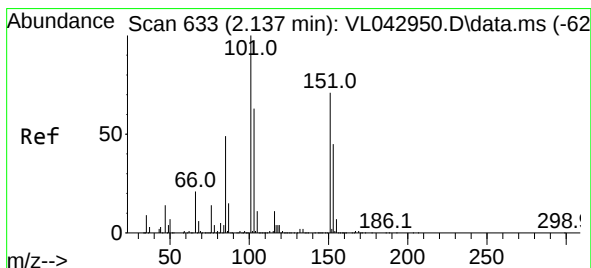
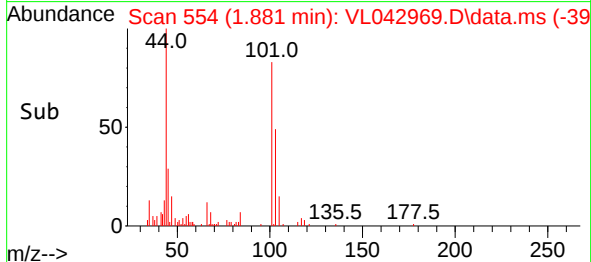
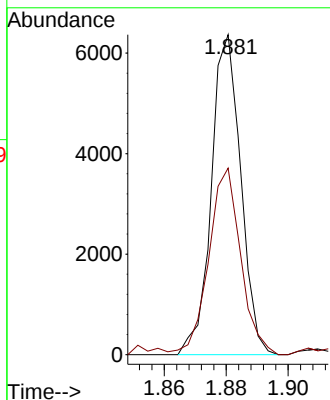
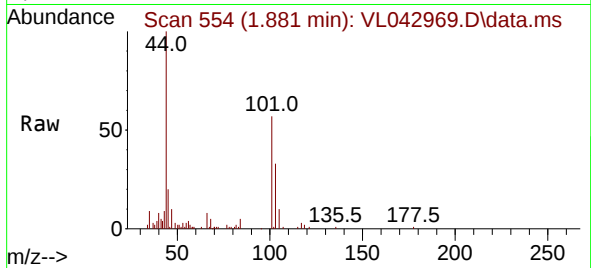




#11
 Trichlorofluoromethane
 Concen: 0.217 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

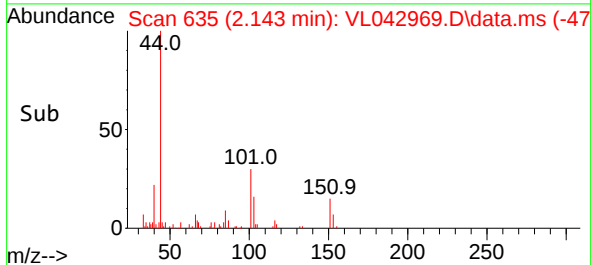
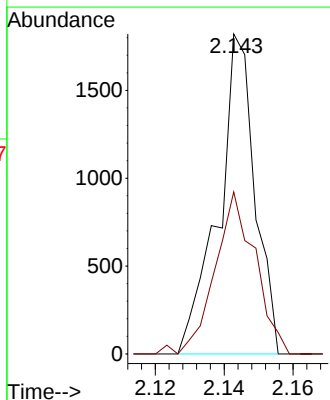
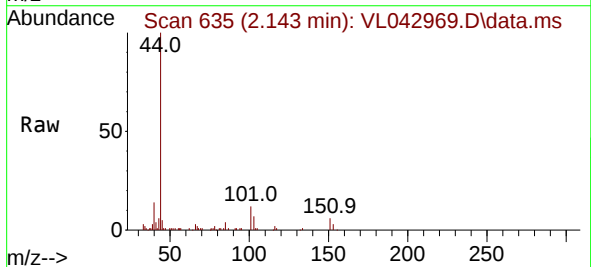
Instrument :
 MSVOA_1
 ClientSampleId :
 131-1A-2

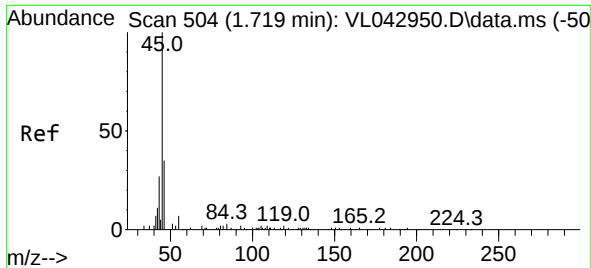
Tgt Ion:101 Resp: 4200
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.085 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.006 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

Tgt Ion:101 Resp: 1340
 Ion Ratio Lower Upper
 101 100
 151 55.7 55.7 83.5

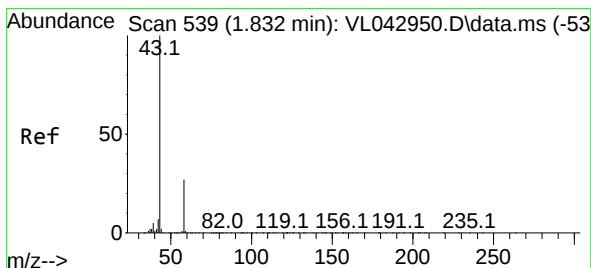
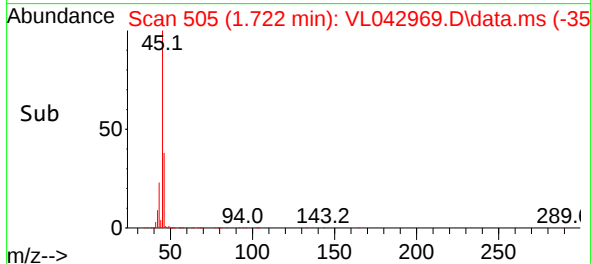
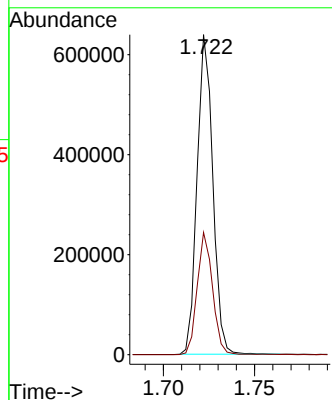
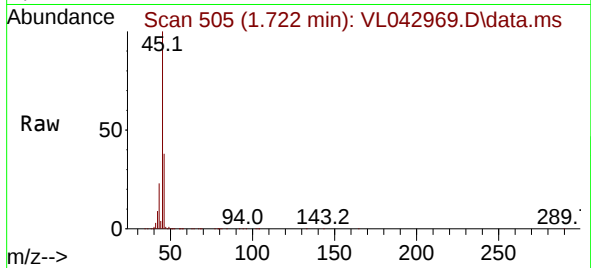




#13
 Ethanol
 Concen: 362.434 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

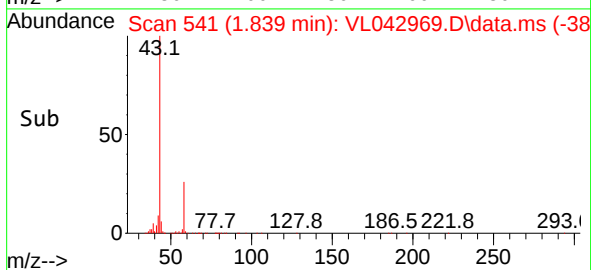
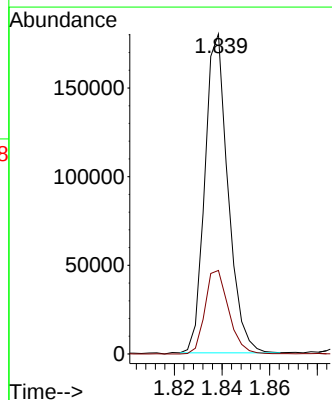
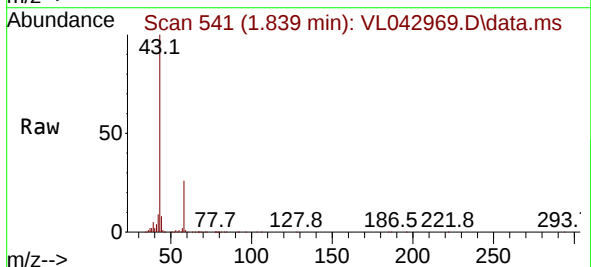
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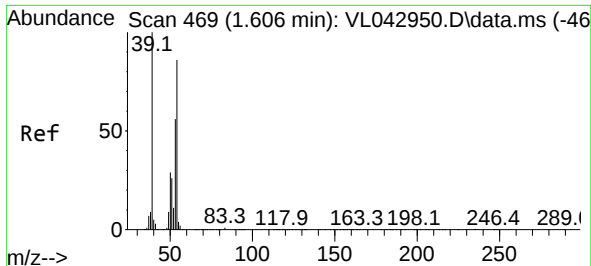
Tgt Ion: 45 Resp: 383447
 Ion Ratio Lower Upper
 45 100
 46 37.6 16.2 64.6



#15
 Acetone
 Concen: 6.259 ppbv
 RT: 1.839 min Scan# 541
 Delta R.T. 0.006 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

Tgt Ion: 43 Resp: 121911
 Ion Ratio Lower Upper
 43 100
 58 27.2 22.3 33.5

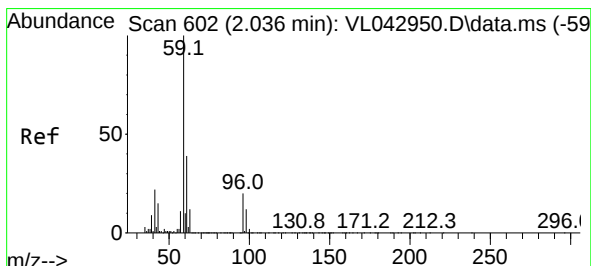
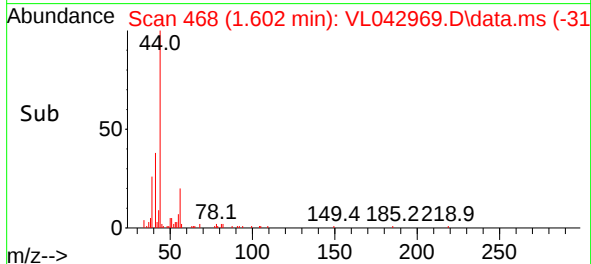
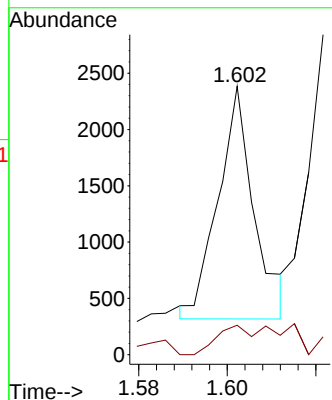
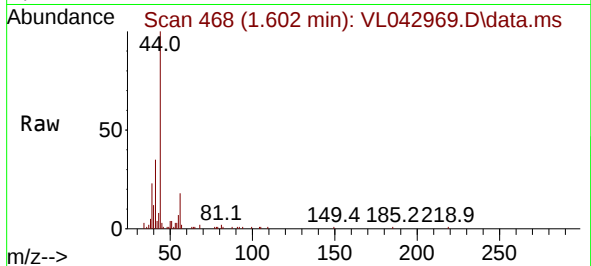




#16
1,3-Butadiene
Concen: 0.126 ppbv
RT: 1.602 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

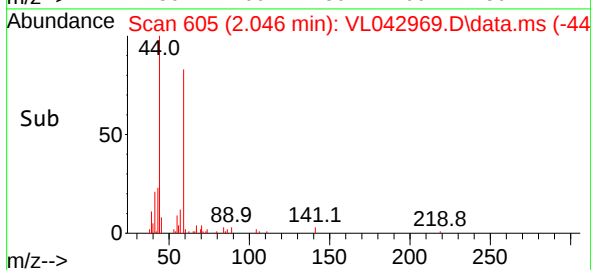
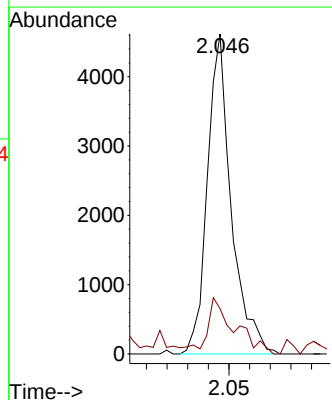
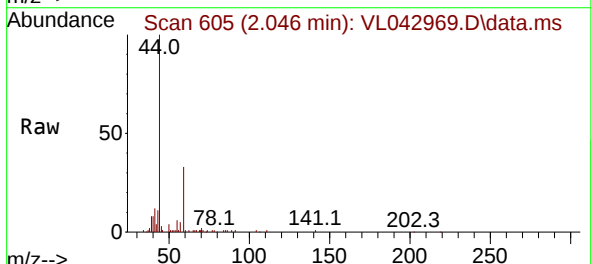
Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

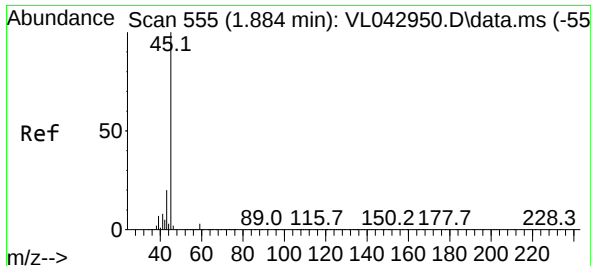
Tgt Ion: 39 Resp: 1158
Ion Ratio Lower Upper
39 100
54 0.0 60.8 91.2#



#17
tert-Butyl alcohol
Concen: 0.173 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.009 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 59 Resp: 3697
Ion Ratio Lower Upper
59 100
57 20.5 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 0.793 ppbv

RT: 1.887 min Scan# 511

Delta R.T. 0.003 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_1

ClientSampleId :

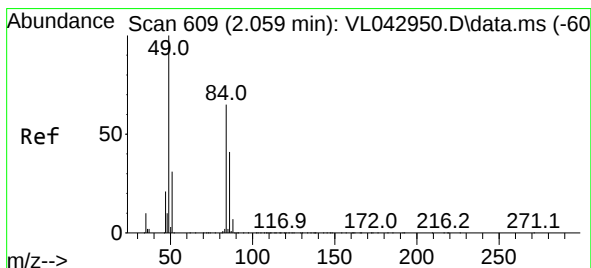
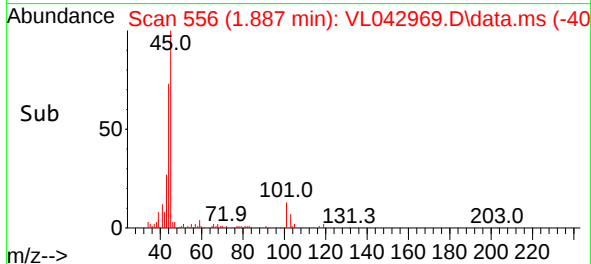
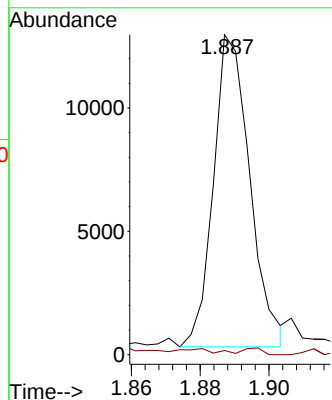
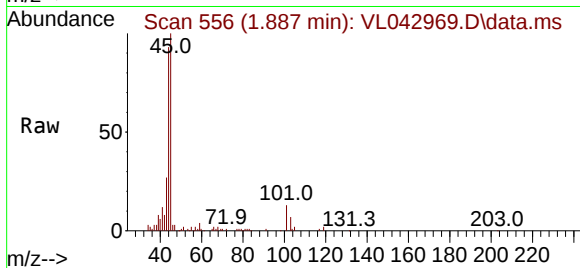
131-1A-2

Tgt Ion: 45 Resp: 9282

Ion Ratio Lower Upper

45 100

58 355.6 31.0 46.6#



#20

Methylene Chloride

Concen: 2.073 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Tgt Ion: 84 Resp: 15121

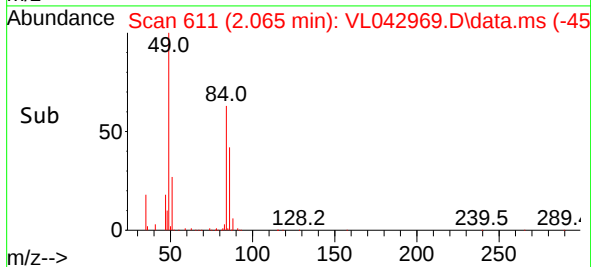
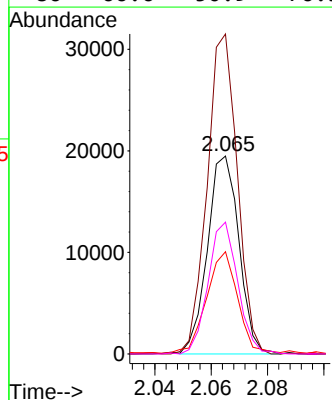
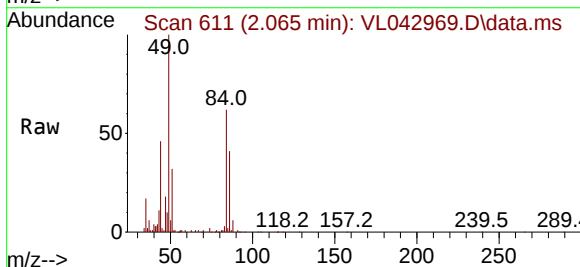
Ion Ratio Lower Upper

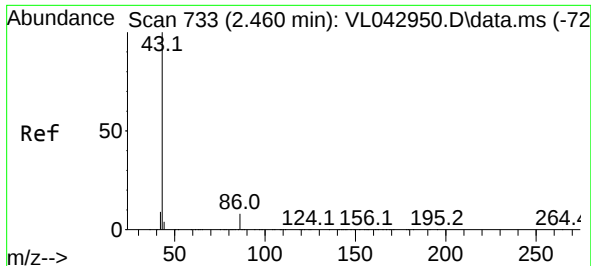
84 100

49 161.7 124.1 186.1

51 50.9 39.8 59.8

86 66.6 50.9 76.3

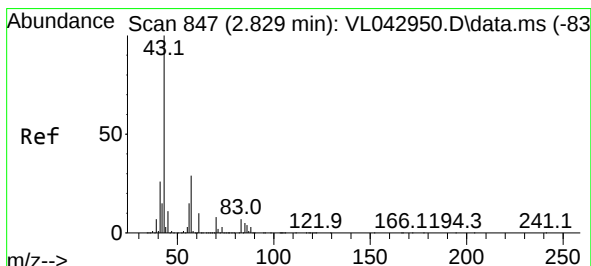
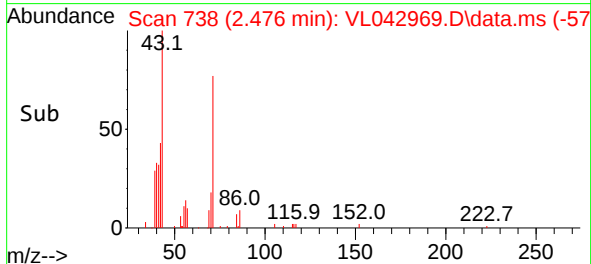
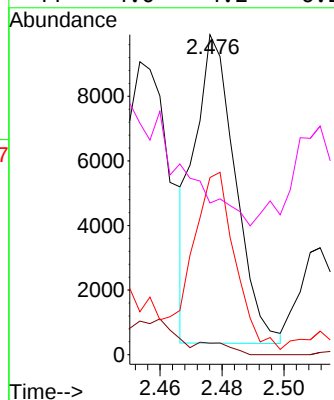
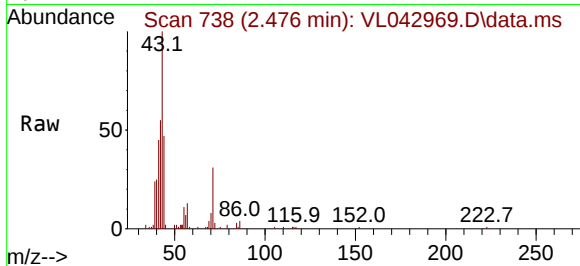




#23
 Vinyl Acetate
 Concen: 0.313 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

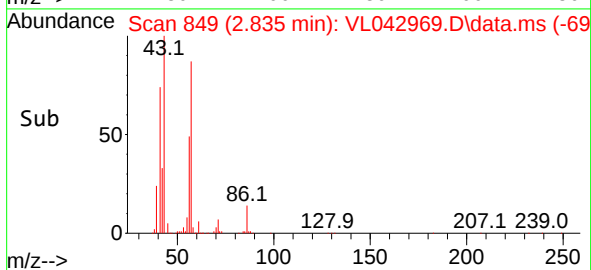
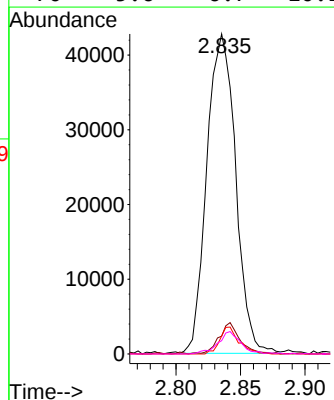
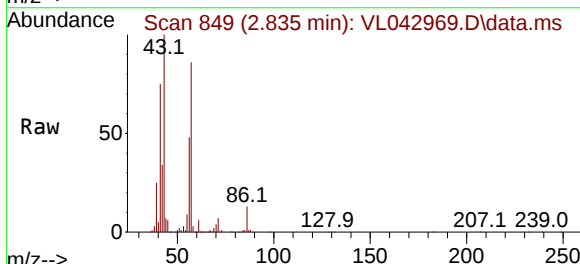
Instrument :
 MSVOA_1
 ClientSampleId :
 131-1A-2

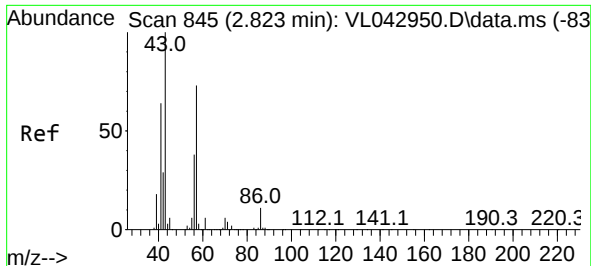
Tgt Ion:	43	Resp:	8710
Ion	Ratio	Lower	Upper
43	100		
86	3.8	6.2	9.2#
42	57.5	7.4	11.0#
44	4.0	4.2	6.2#



#25
 Ethyl Acetate
 Concen: 1.349 ppbv
 RT: 2.835 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

Tgt Ion:	43	Resp:	66385
Ion	Ratio	Lower	Upper
43	100		
45	7.6	7.7	11.5#
61	5.6	7.1	10.7#
70	5.6	6.7	10.1#

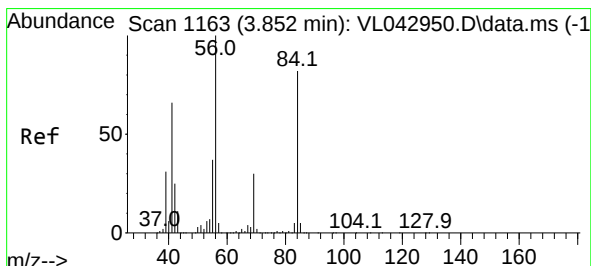
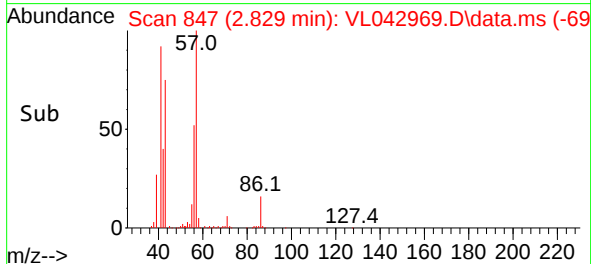
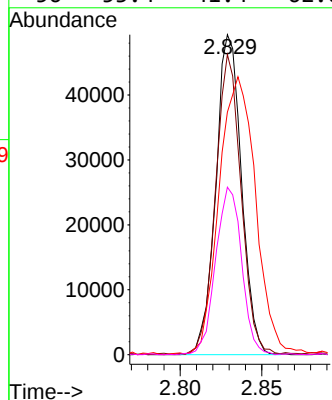
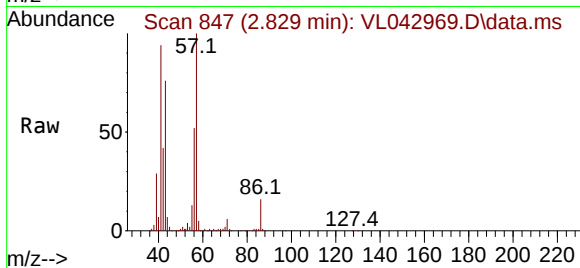




#26
Hexane
Concen: 2.406 ppbv
RT: 2.829 min Scan# 845
Delta R.T. 0.006 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

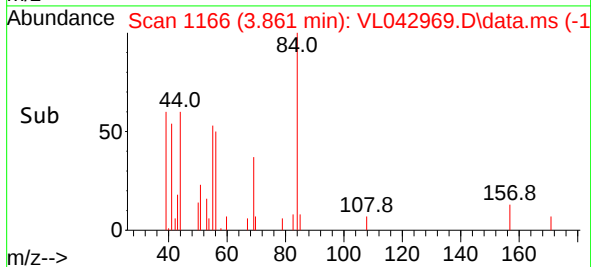
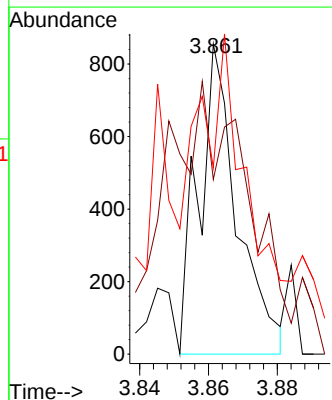
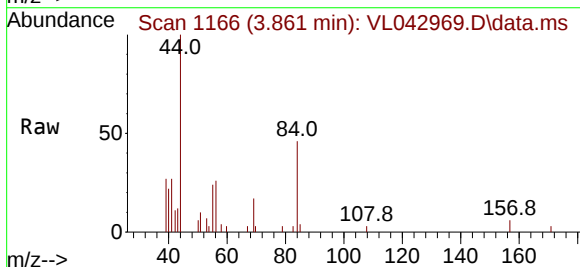
Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

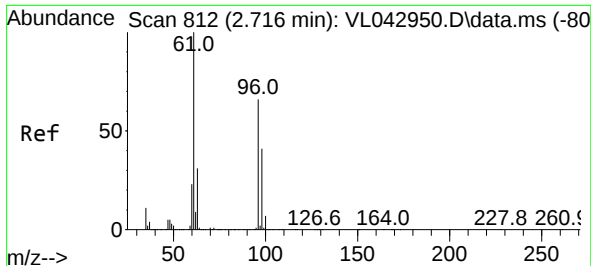
Tgt Ion: 57 Resp: 53982
Ion Ratio Lower Upper
57 100
41 94.0 71.7 107.5
43 125.2 180.8 271.2#
56 53.4 41.4 62.0



#30
Cyclohexane
Concen: 0.035 ppbv
RT: 3.861 min Scan# 1166
Delta R.T. 0.009 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 84 Resp: 664
Ion Ratio Lower Upper
84 100
56 195.9 102.2 153.4#
41 217.5 65.6 98.4#

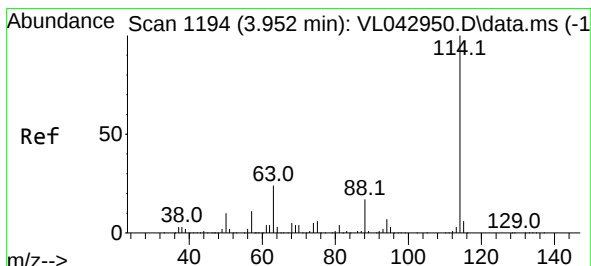
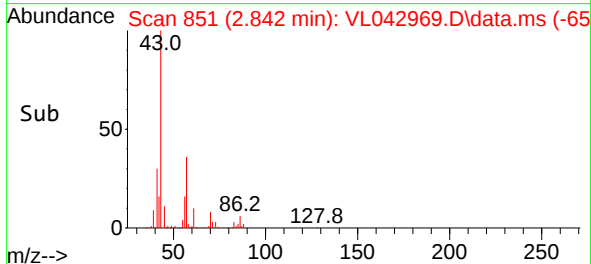
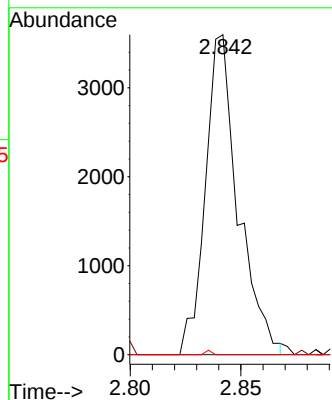
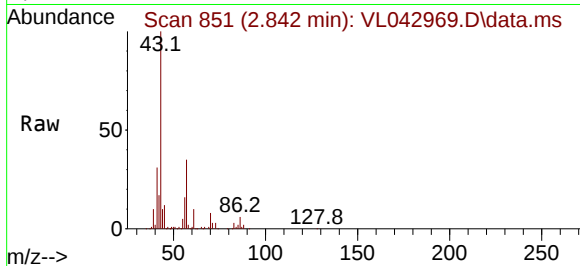




#31
 cis-1,2-Dichloroethene
 Concen: 0.176 ppbv
 RT: 2.842 min Scan# 812
 Delta R.T. 0.126 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

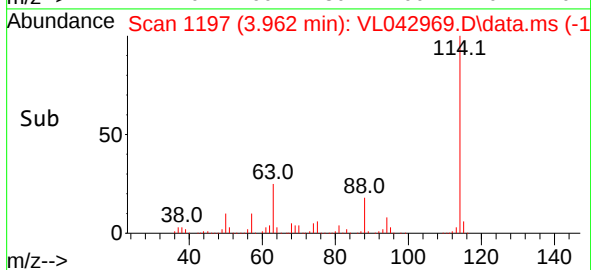
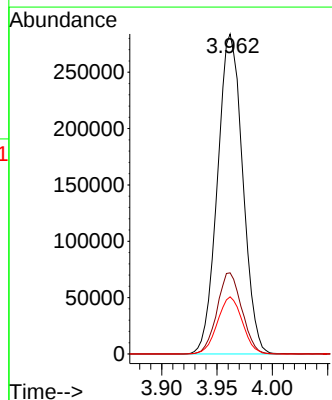
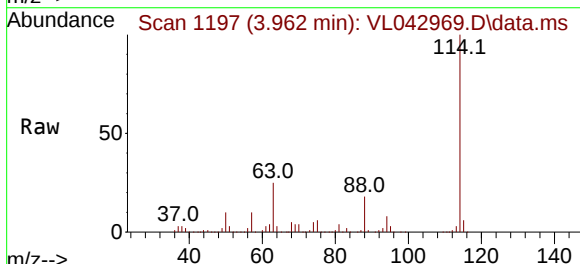
Instrument :
 MSVOA_1
 ClientSampleId :
 131-1A-2

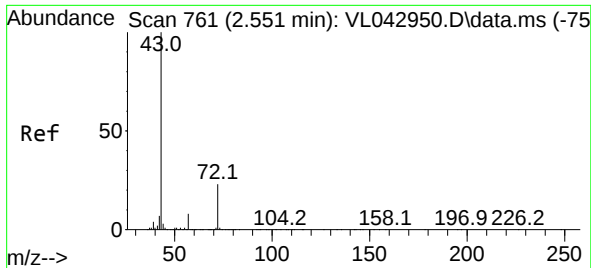
Tgt Ion: 61 Resp: 3708
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.0 79.6#
 98 0.0 32.9 49.3#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.009 min
 Lab File: VL042969.D
 Acq: 22 Sep 2025 22:11

Tgt Ion: 114 Resp: 450214
 Ion Ratio Lower Upper
 114 100
 63 24.9 19.4 29.2
 88 17.6 14.2 21.2

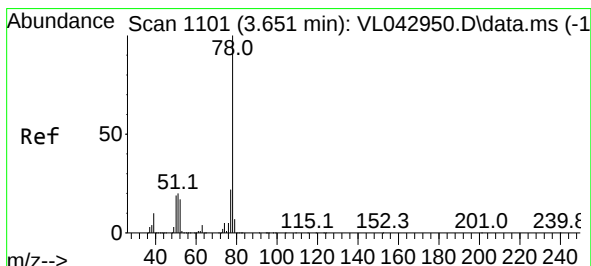
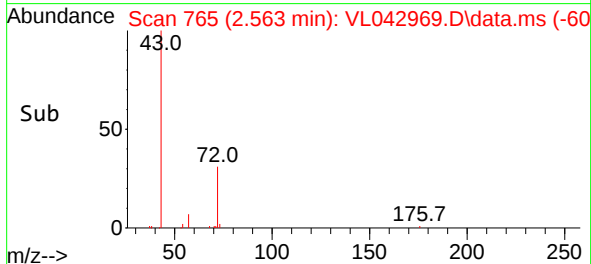
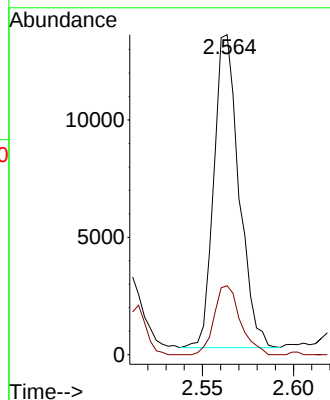
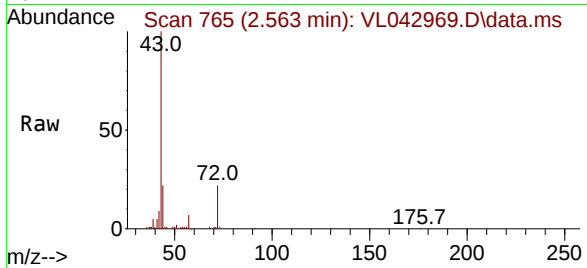




#34
2-Butanone
Concen: 0.407 ppbv
RT: 2.563 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

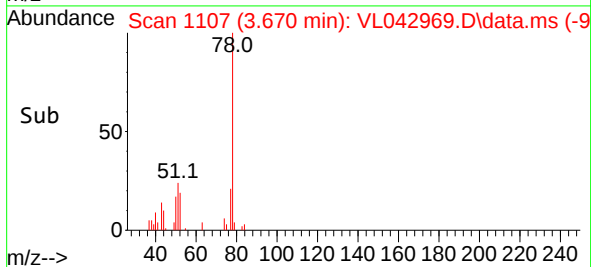
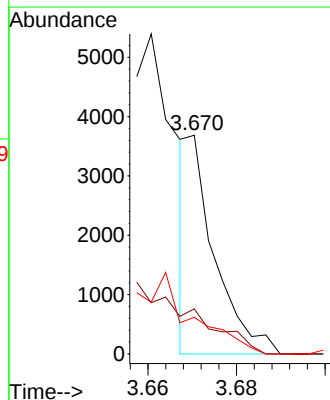
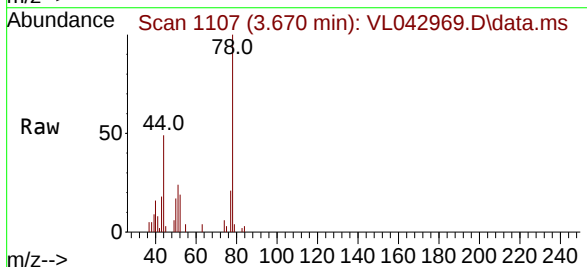
Instrument :
MSVOA_L
ClientSampleId :
131-1A-2

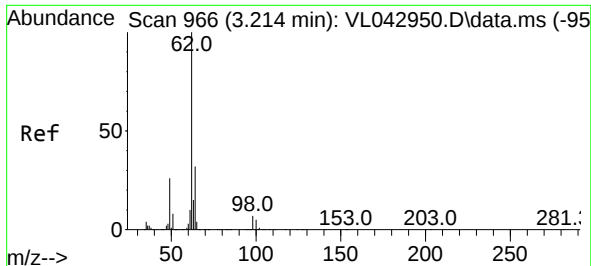
Tgt Ion: 43 Resp: 12846
Ion Ratio Lower Upper
43 100
72 23.2 17.7 26.5



#36
Benzene
Concen: 0.037 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 78 Resp: 1565
Ion Ratio Lower Upper
78 100
77 20.7 17.8 26.6
50 16.7 15.0 22.4





#37

1,2-Dichloroethane

Concen: 0.111 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.006 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_1

ClientSampleId :

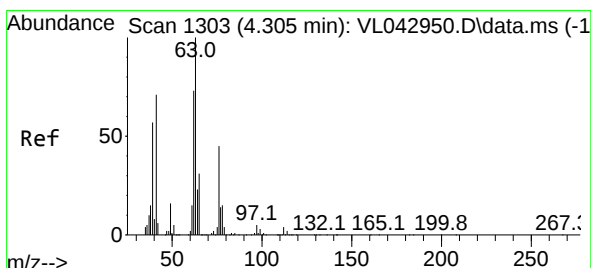
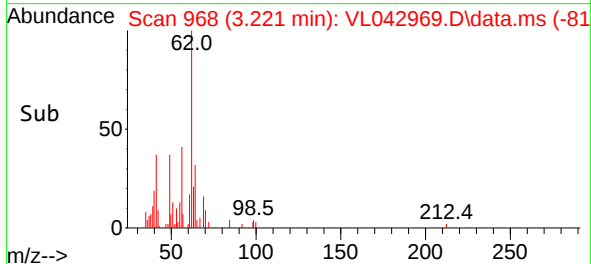
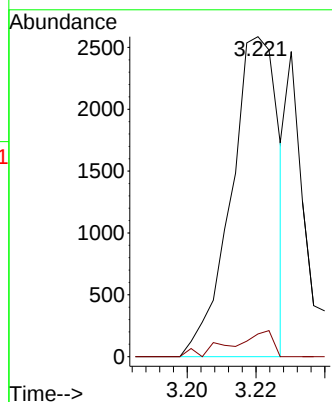
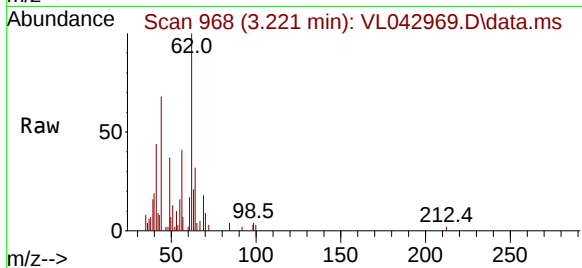
131-1A-2

Tgt Ion: 62 Resp: 2467

Ion Ratio Lower Upper

62 100

98 6.9 5.9 8.9



#39

1,2-Dichloropropane

Concen: 7.261 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.343 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

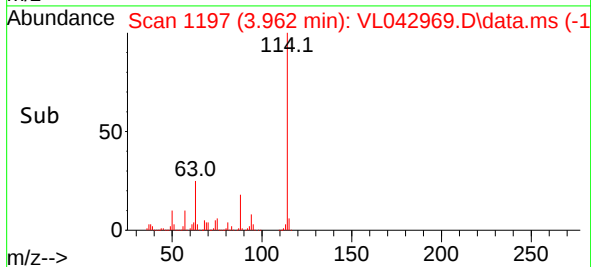
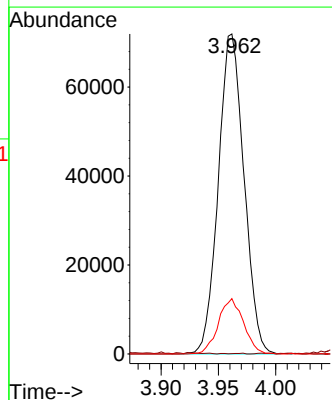
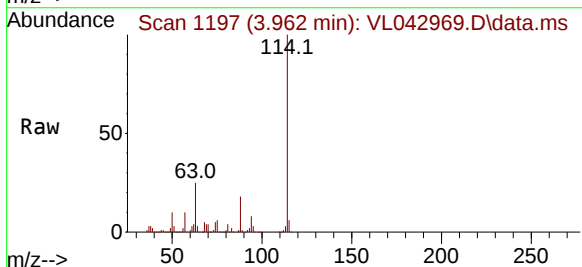
Tgt Ion: 63 Resp: 112069

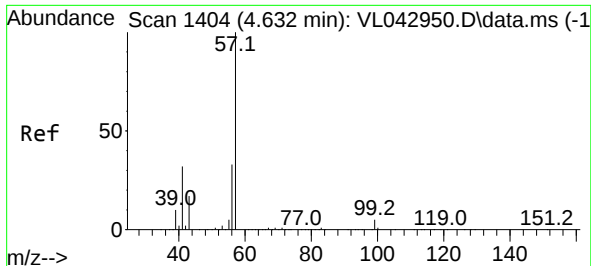
Ion Ratio Lower Upper

63 100

41 0.0 57.5 86.3#

62 17.3 58.5 87.7#

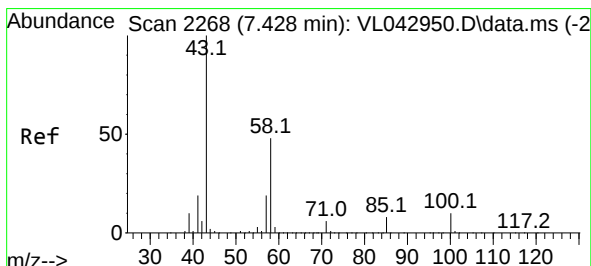
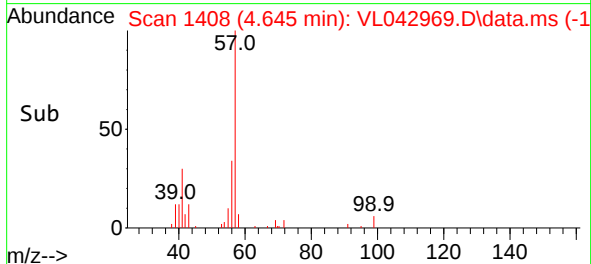
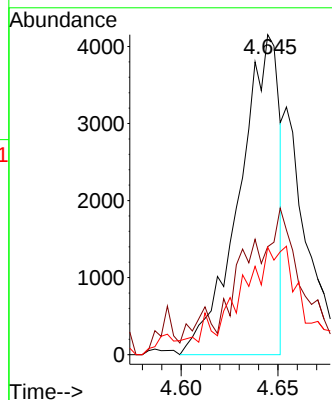
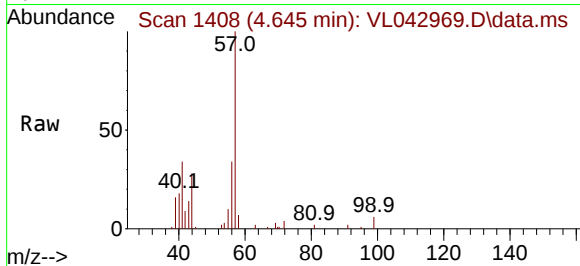




#44
2,2,4-Trimethylpentane
Concen: 0.081 ppbv
RT: 4.645 min Scan# 1404
Delta R.T. 0.013 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

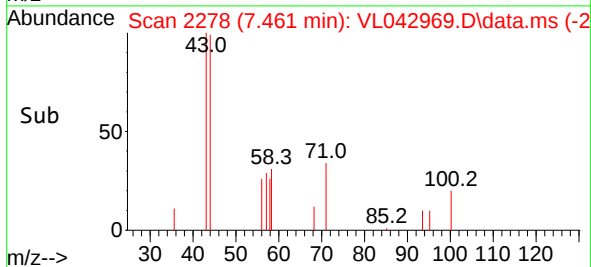
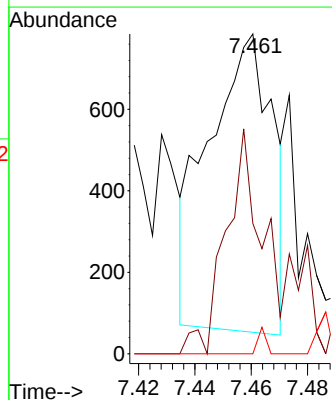
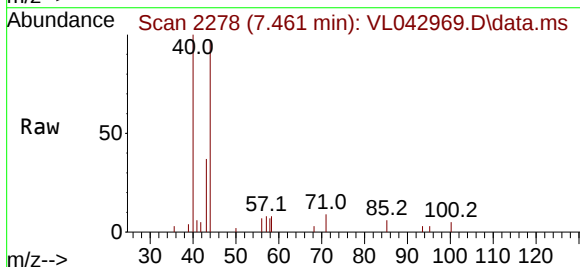
Instrument :
MSVOA_1
ClientSampleId :
131-1A-2

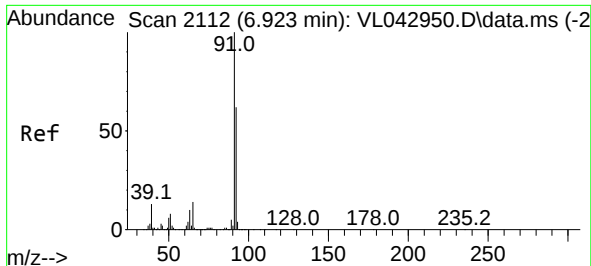
Tgt Ion: 57 Resp: 5951
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 0.0 25.8 38.8#



#51
2-Hexanone
Concen: 0.034 ppbv
RT: 7.461 min Scan# 2278
Delta R.T. 0.032 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 57.5 39.7 59.5
98 0.0 0.1 0.1#





#53

Toluene

Concen: 0.371 ppbv

RT: 6.939 min Scan# 2112

Delta R.T. 0.016 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_L

ClientSampleId :

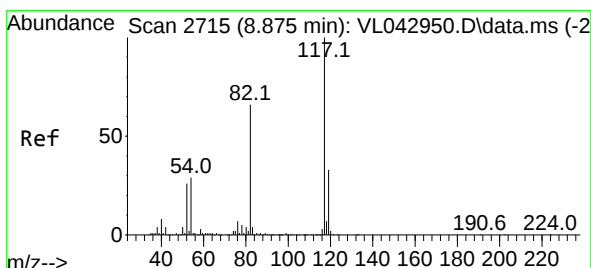
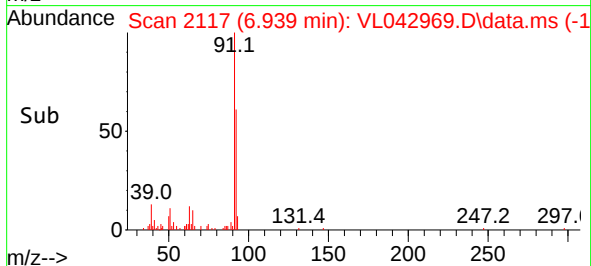
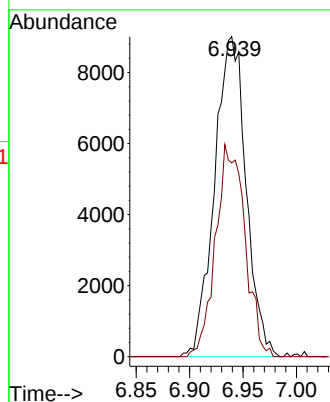
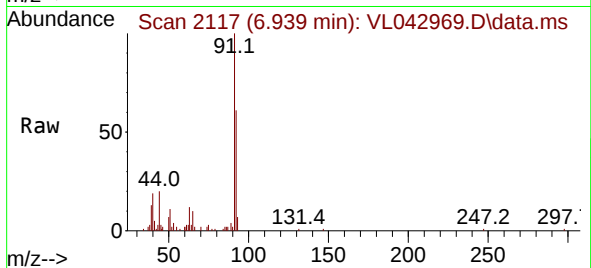
131-1A-2

Tgt Ion: 91 Resp: 18554

Ion Ratio Lower Upper

91 100

92 61.4 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. 0.009 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

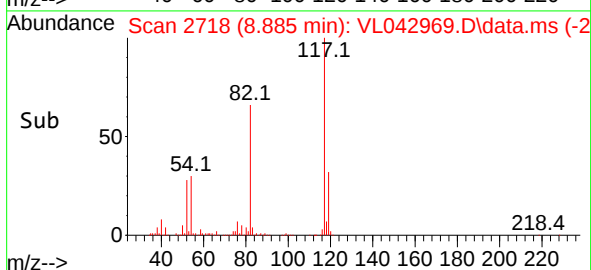
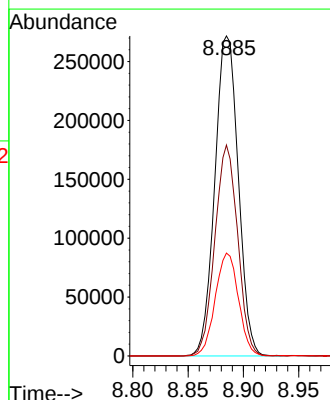
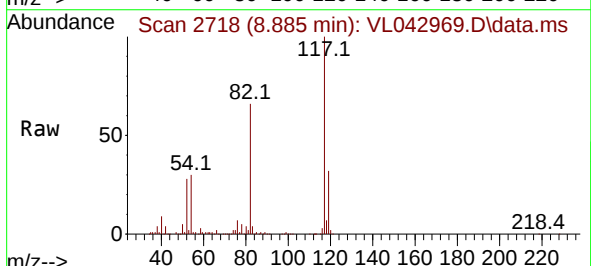
Tgt Ion: 117 Resp: 401627

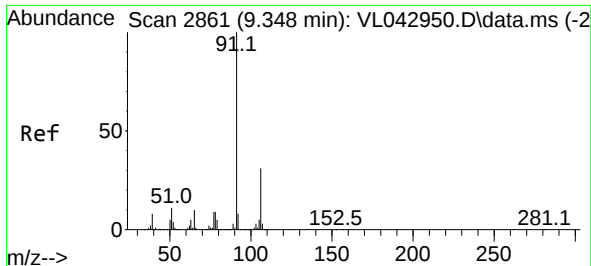
Ion Ratio Lower Upper

117 100

82 64.0 52.8 79.2

119 31.8 26.5 39.7





#58

Ethyl Benzene

Concen: 0.054 ppbv

RT: 9.357 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_1

ClientSampleId :

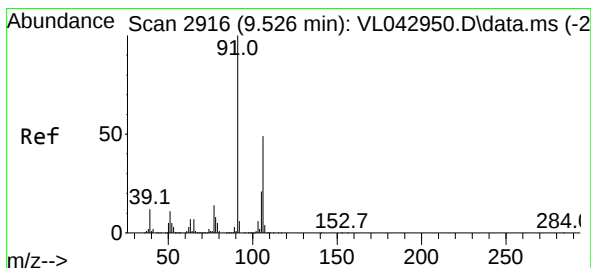
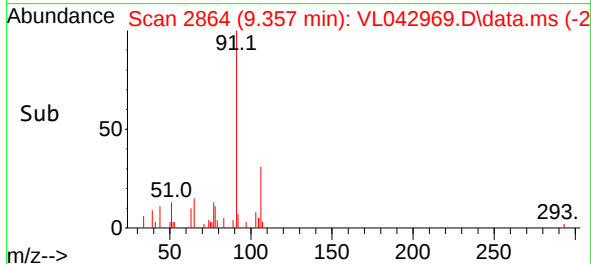
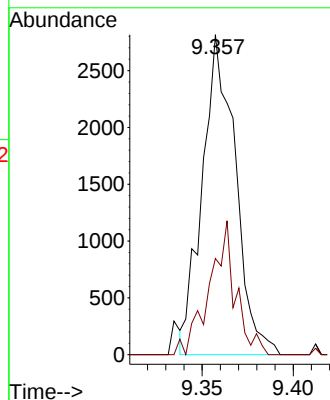
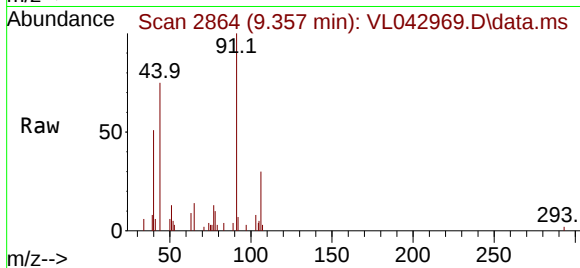
131-1A-2

Tgt Ion: 91 Resp: 3557

Ion Ratio Lower Upper

91 100

106 30.1 24.6 37.0



#59

m/p-Xylene

Concen: 0.135 ppbv

RT: 9.538 min Scan# 2920

Delta R.T. 0.013 min

Lab File: VL042969.D

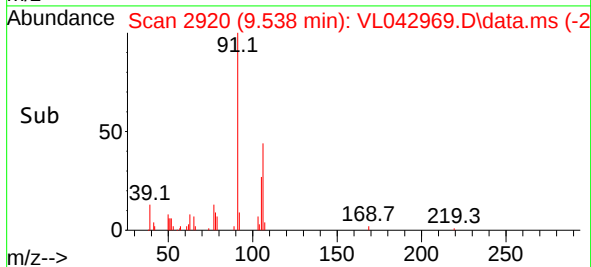
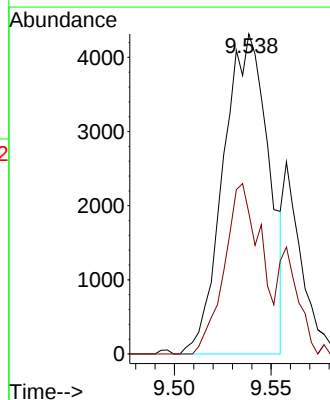
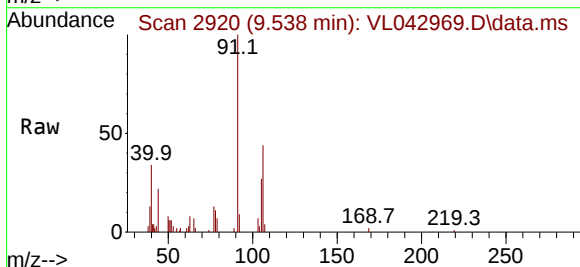
Acq: 22 Sep 2025 22:11

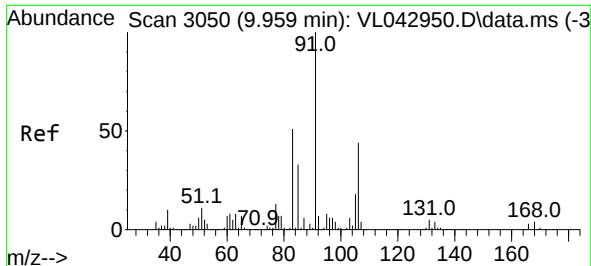
Tgt Ion: 91 Resp: 7045

Ion Ratio Lower Upper

91 100

106 57.4 0.0 0.0#

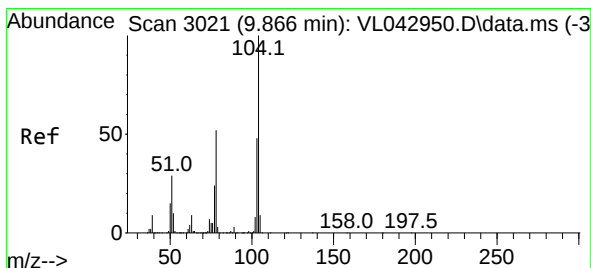
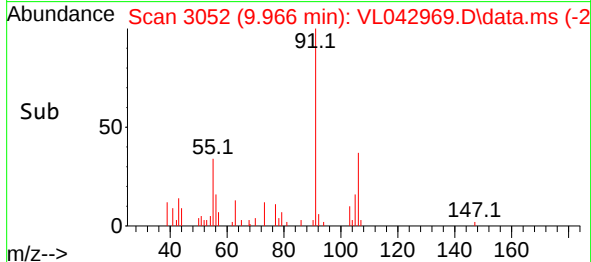
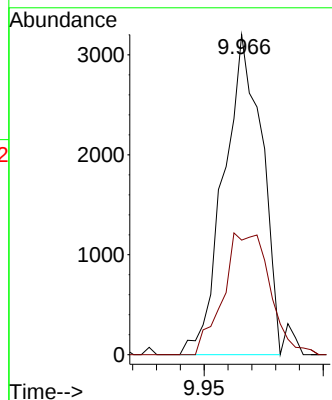
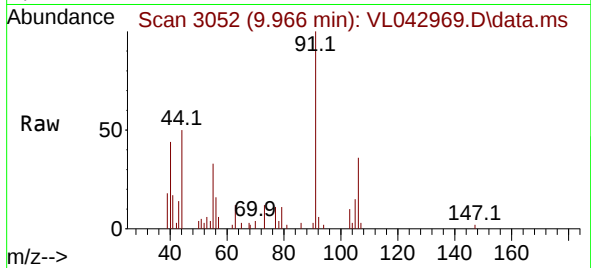




#60
o-Xylene
Concen: 0.069 ppbv
RT: 9.966 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

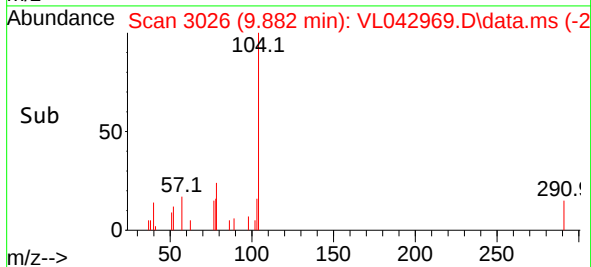
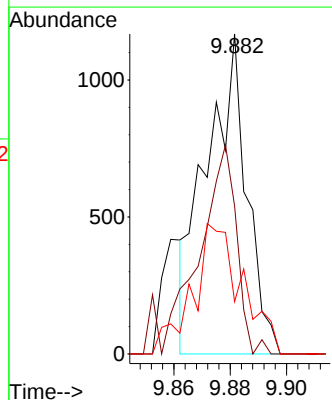
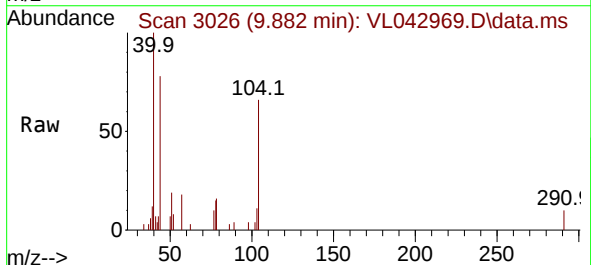
Instrument :
MSVOA_1
ClientSampleId :
131-1A-2

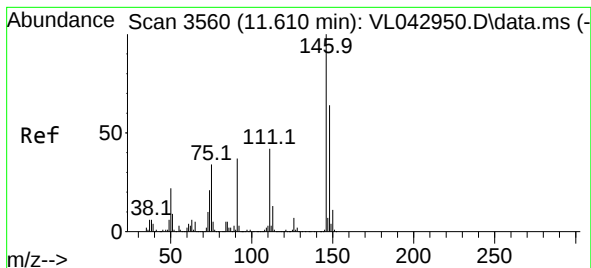
Tgt Ion: 91 Resp: 3565
Ion Ratio Lower Upper
91 100
106 46.3 22.4 67.0



#61
Styrene
Concen: 0.047 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.016 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 104 Resp: 1162
Ion Ratio Lower Upper
104 100
78 63.6 39.9 59.9#
103 49.6 36.9 55.3

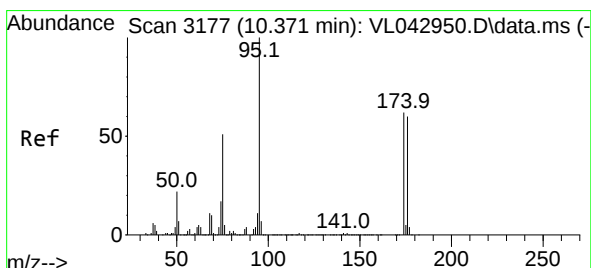
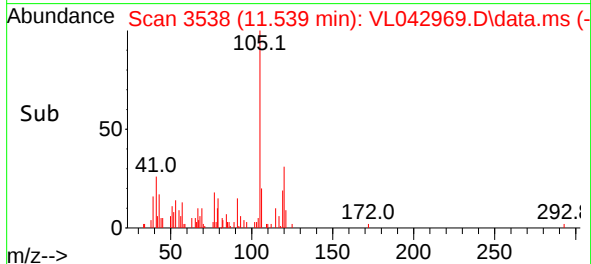
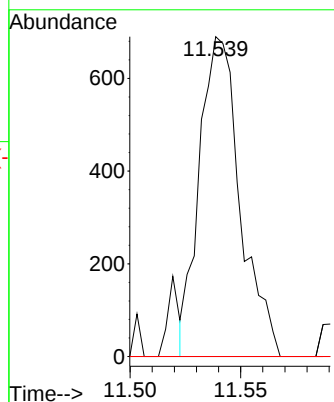
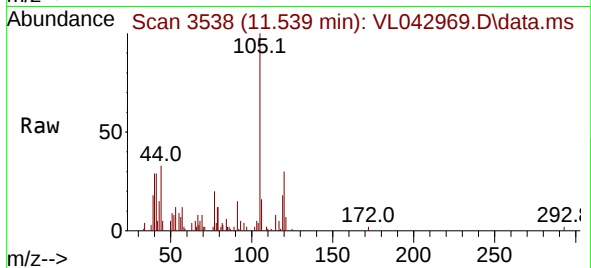




#66
Benzyl Chloride
Concen: 0.123 ppbv
RT: 11.539 min Scan# 3180
Delta R.T. -0.071 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

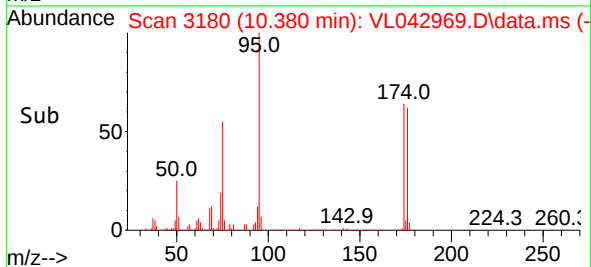
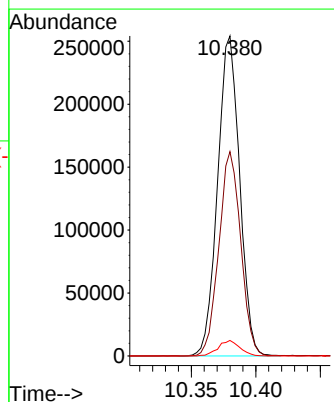
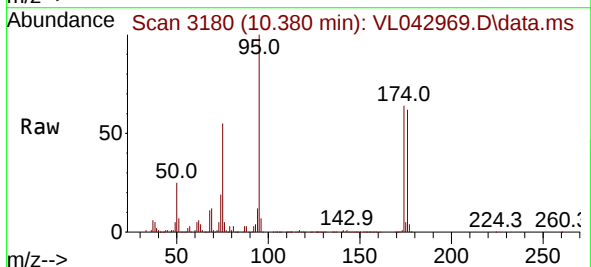
Instrument :
MSVOA_1
ClientSampleId :
131-1A-2

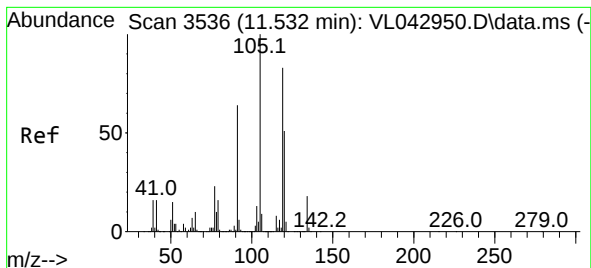
Tgt Ion: 91 Resp: 888
Ion Ratio Lower Upper
91 100
126 0.0 14.6 21.8#
128 0.0 5.0 7.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.059 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion: 95 Resp: 301579
Ion Ratio Lower Upper
95 100
174 63.4 51.4 77.2
175 4.7 4.0 6.0





#74

1,2,4-Trimethylbenzene

Concen: 0.088 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.006 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

Instrument :

MSVOA_1

ClientSampleId :

131-1A-2

Tgt Ion:105 Resp: 5158

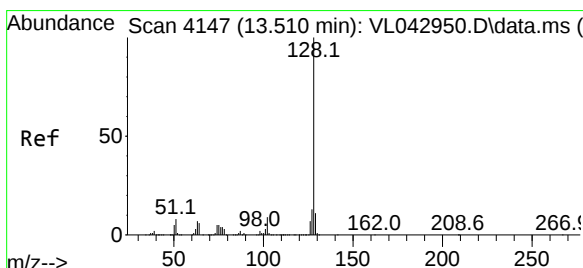
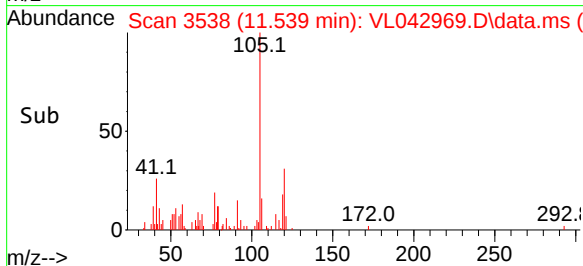
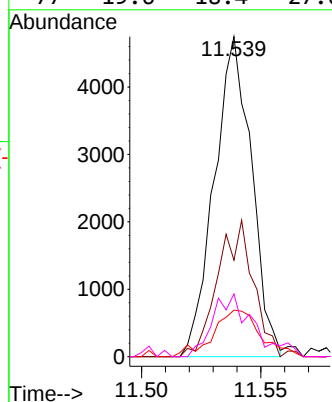
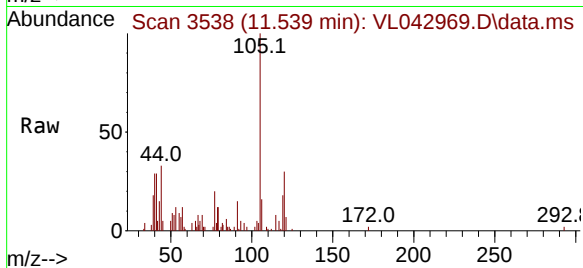
Ion Ratio Lower Upper

105 100

120 30.1 40.9 61.3#

91 13.3 51.2 76.8#

77 19.6 18.4 27.6



#79

Naphthalene

Concen: 0.147 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. 0.006 min

Lab File: VL042969.D

Acq: 22 Sep 2025 22:11

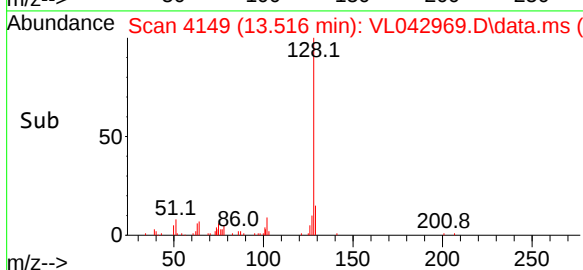
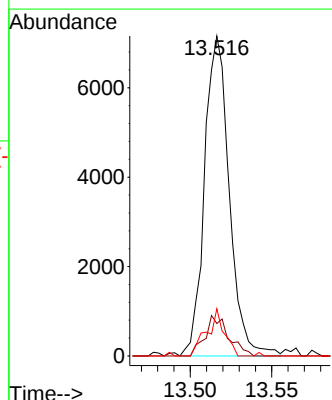
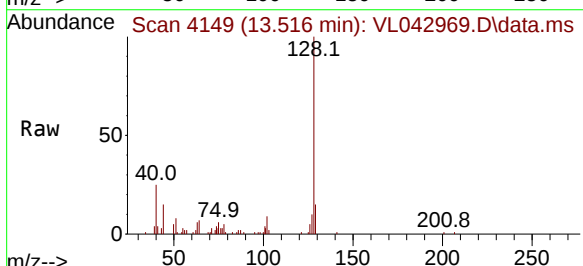
Tgt Ion:128 Resp: 7562

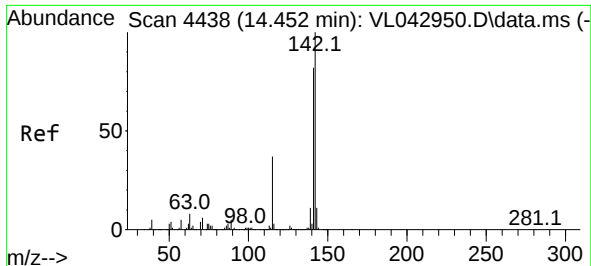
Ion Ratio Lower Upper

128 100

127 10.1 10.6 15.8#

129 14.8 9.0 13.6#

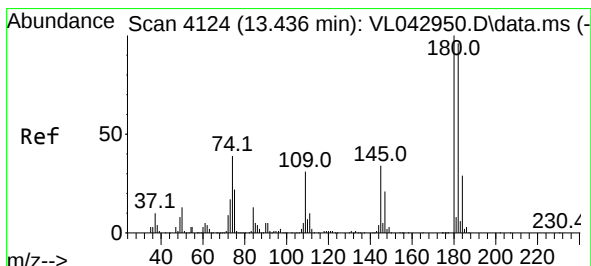
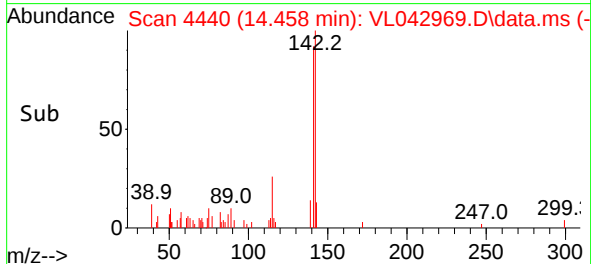
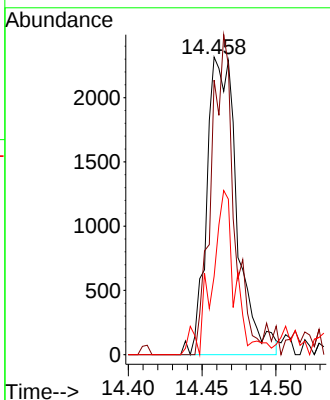
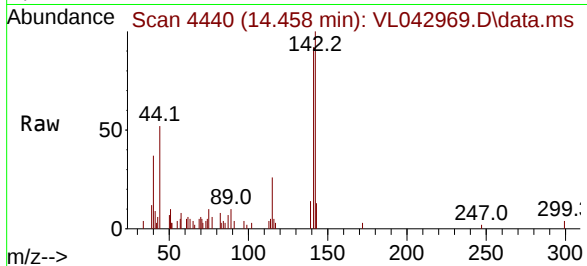




#80
Naphthalene, 2-methyl-
Concen: 0.207 ppbv
RT: 14.458 min Scan# 4438
Delta R.T. 0.006 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Instrument :
MSVOA_1
ClientSampleId :
131-1A-2

Tgt Ion:142 Resp: 3301
Ion Ratio Lower Upper
142 100
141 93.2 65.1 97.7
115 43.7 28.9 43.3#



#81
1,2,4-Trichlorobenzene
Concen: 0.032 ppbv
RT: 13.445 min Scan# 4127
Delta R.T. 0.009 min
Lab File: VL042969.D
Acq: 22 Sep 2025 22:11

Tgt Ion:180 Resp: 883
Ion Ratio Lower Upper
180 100
182 83.8 75.7 113.5
184 19.4 23.9 35.9#

