

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043195.D
 Acq On : 13 Nov 2025 12:28
 Operator : SY/MD
 Sample : Q3627-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-7-IA-1DUP

Quant Time: Nov 14 04:38:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	145038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	398990	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	346200	10.000	ppbv	0.00

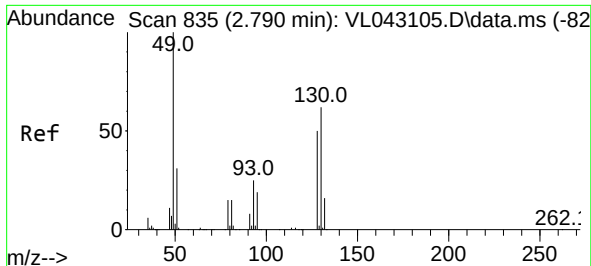
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	281256	10.452	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8884	0.431	ppbv	91
3) Chlorodifluoromethane	1.470	51	2417243	108.352	ppbv #	58
4) Chloromethane	1.538	50	3384	0.414	ppbv	93
5) Vinyl Chloride	1.490	62	278	0.035	ppbv #	44
6) Bromomethane	1.674	94	169	0.038	ppbv #	30
7) Chloroethane	1.470	64	233745	71.357	ppbv	98
9) Propene	1.490	41	7501	0.758	ppbv	96
10) Heptane	4.995	43	1079	0.038	ppbv #	22
11) Trichlorofluoromethane	1.884	101	5543	0.275	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.147	101	1385	0.085	ppbv	90
13) Ethanol	1.726	45	512270	139.967	ppbv	98
15) Acetone	1.842	43	120845	6.182	ppbv	99
16) 1,3-Butadiene	1.625	39	4162	0.447	ppbv #	20
17) tert-Butyl alcohol	1.891	59	74337	2.770	ppbv	95
19) Isopropyl Alcohol	1.891	45	1737162	142.677	ppbv #	37
20) Methylene Chloride	2.069	84	6233	0.807	ppbv	88
21) Allyl Chloride	1.969	41	93862	6.516	ppbv #	56
23) Vinyl Acetate	2.464	43	12786	0.446	ppbv #	94
25) Ethyl Acetate	2.846	43	109532	2.259	ppbv	97
26) Hexane	2.836	57	35887	1.607	ppbv #	62
27) Carbon Disulfide	2.153	76	1018	0.050	ppbv #	71
30) Cyclohexane	3.865	84	1038	0.053	ppbv #	17
31) cis-1,2-Dichloroethene	2.846	61	10847	0.509	ppbv #	24
34) 2-Butanone	2.567	43	12586	0.469	ppbv	91
35) Carbon Tetrachloride	3.775	117	2176	0.076	ppbv	84
36) Benzene	3.671	78	6968	0.185	ppbv #	93
39) 1,2-Dichloropropane	3.969	63	101260	7.371	ppbv #	25
41) Tetrahydrofuran	3.069	42	2127	0.142	ppbv #	74
44) 2,2,4-Trimethylpentane	4.655	57	1967	0.031	ppbv #	1
50) 4-Methyl-2-Pentanone	5.778	43	44901	1.213	ppbv	99
53) Toluene	6.950	91	48404	1.085	ppbv	99
58) Ethyl Benzene	9.364	91	17354	0.292	ppbv	99
59) m/p-Xylene	9.542	91	3279	0.069	ppbv #	84
60) o-Xylene	9.969	91	2800	0.060	ppbv	94
61) Styrene	9.879	104	12035	0.570	ppbv	94
62) Isopropylbenzene	10.549	105	4896	0.058	ppbv	96
64) n-propylbenzene	10.999	120	928	0.041	ppbv	67
74) 1,2,4-Trimethylbenzene	11.543	105	2371	0.045	ppbv #	57

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

Quant Time: Nov 14 04:38:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

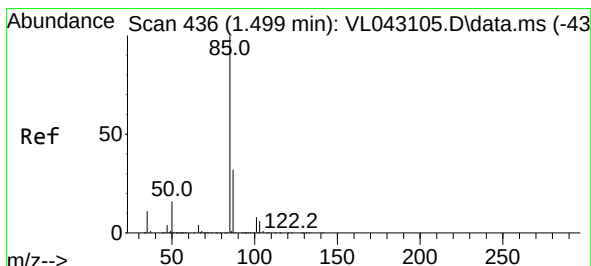
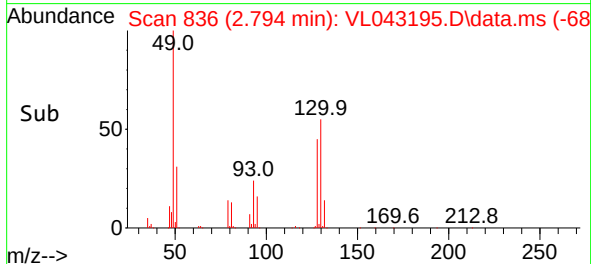
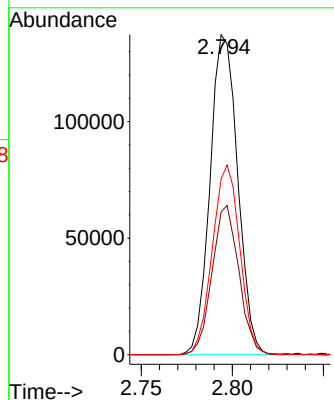
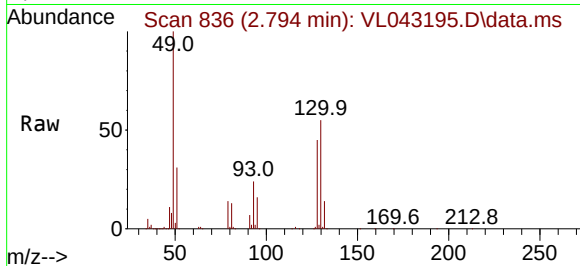




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.794 min Scan# 835
 Delta R.T. 0.004 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

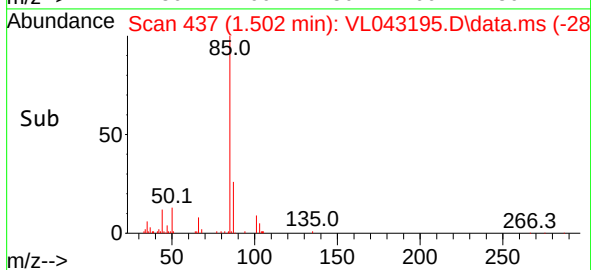
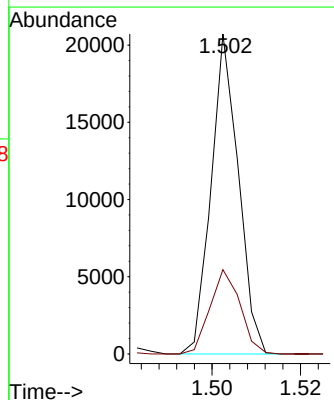
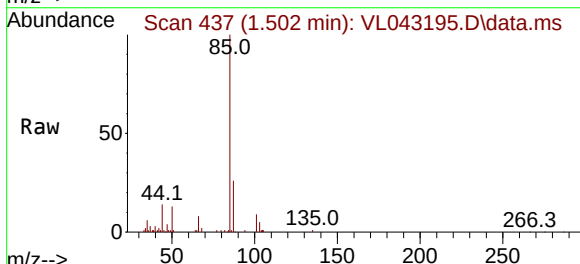
Instrument :
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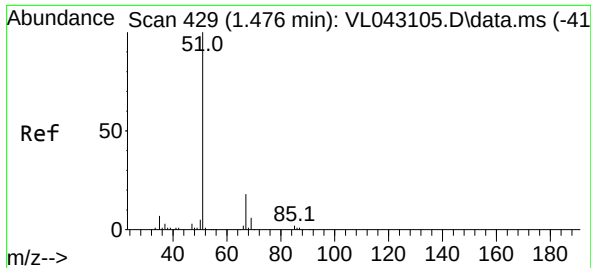
Tgt Ion: 49 Resp: 145038
 Ion Ratio Lower Upper
 49 100
 128 45.2 24.4 73.4
 130 58.8 31.0 93.0



#2
 Dichlorodifluoromethane
 Concen: 0.431 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

Tgt Ion: 85 Resp: 8884
 Ion Ratio Lower Upper
 85 100
 87 26.4 25.3 37.9

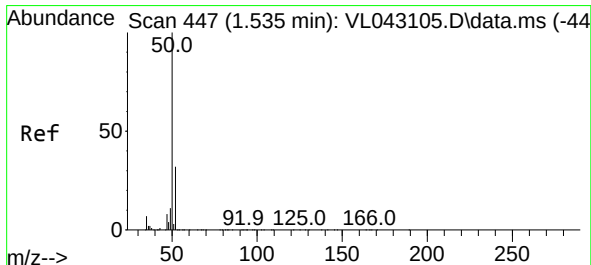
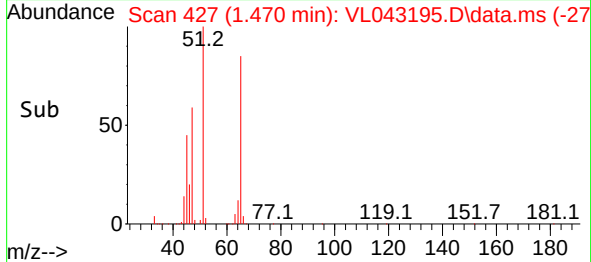
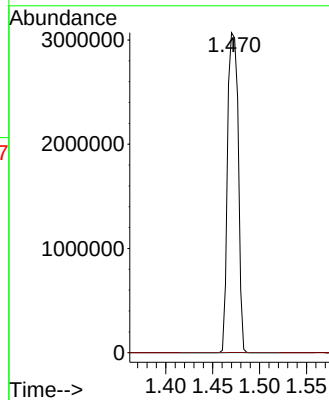
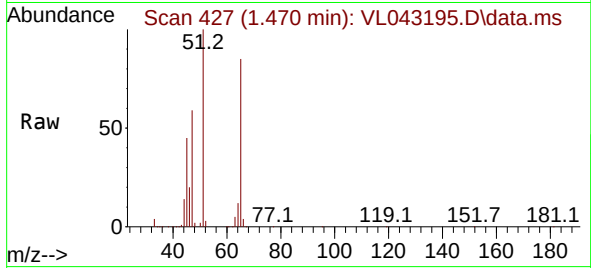




#3
Chlorodifluoromethane
Concen: 108.352 ppbv
RT: 1.470 min Scan# 429
Delta R.T. -0.006 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

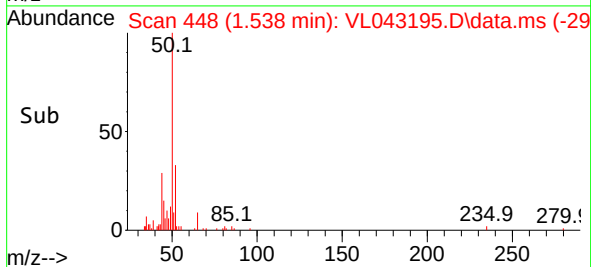
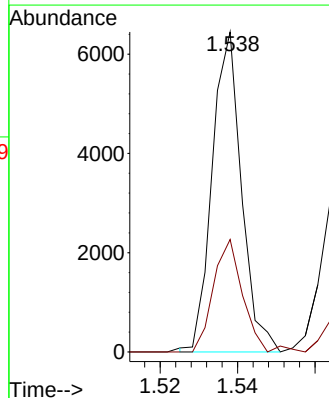
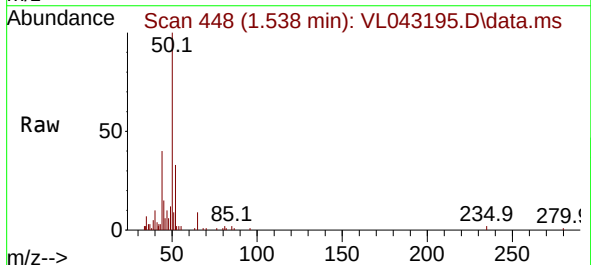
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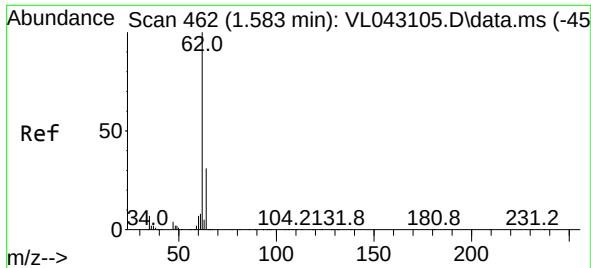
Tgt Ion: 51 Resp: 2417243
Ion Ratio Lower Upper
51 100
67 0.1 15.1 22.7#



#4
Chloromethane
Concen: 0.414 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 50 Resp: 3384
Ion Ratio Lower Upper
50 100
52 35.2 25.2 37.8

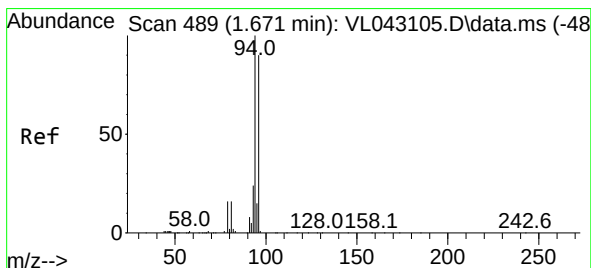
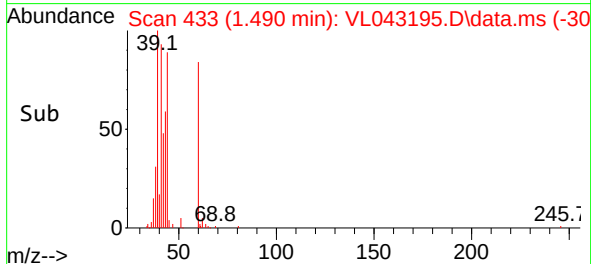
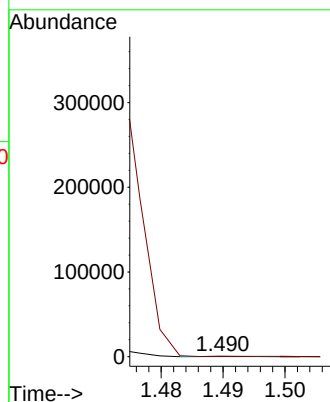
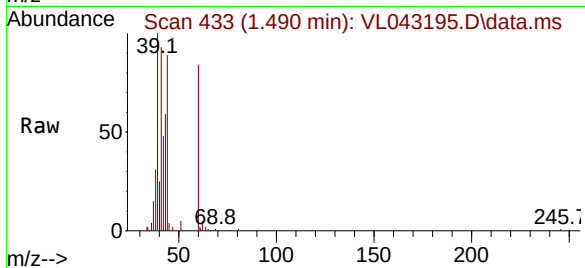




#5
 Vinyl Chloride
 Concen: 0.035 ppbv
 RT: 1.490 min Scan# 41
 Delta R.T. -0.094 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

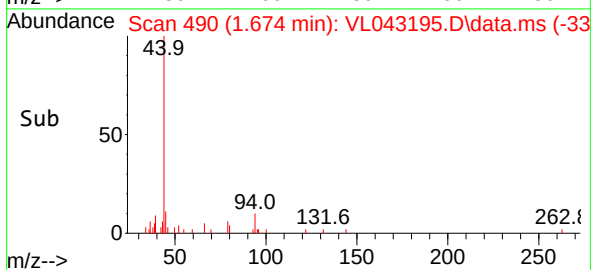
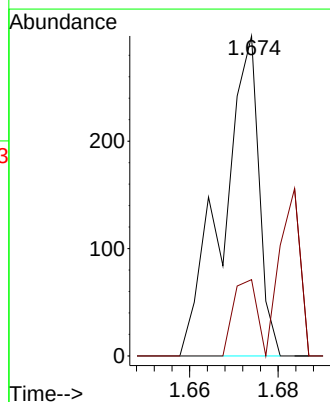
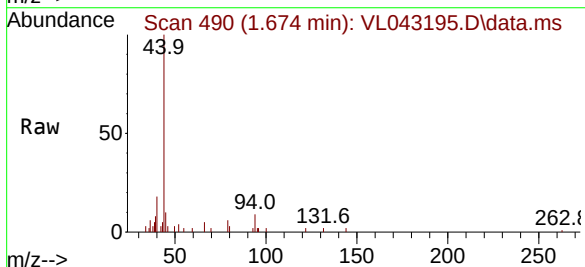
Instrument :
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 ClientSampleId :
 UNIT-7-IA-1DUP

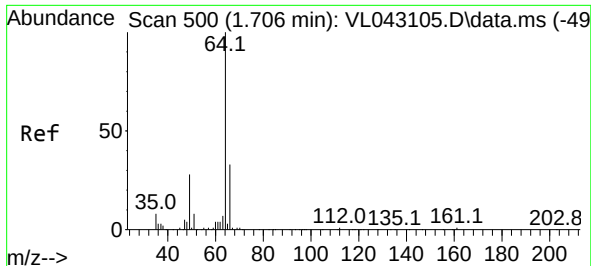
Tgt Ion: 62 Resp: 278
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#6
 Bromomethane
 Concen: 0.038 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

Tgt Ion: 94 Resp: 169
 Ion Ratio Lower Upper
 94 100
 96 23.8 72.2 108.4#

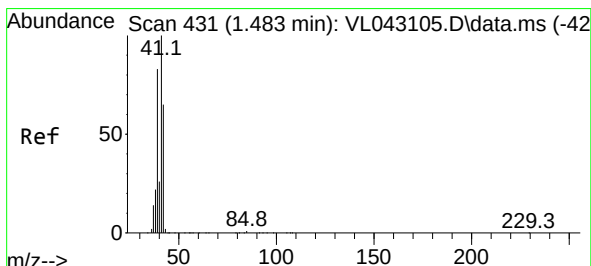
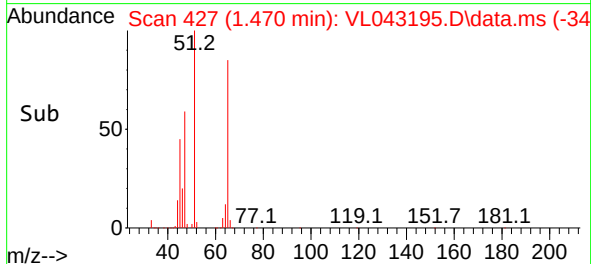
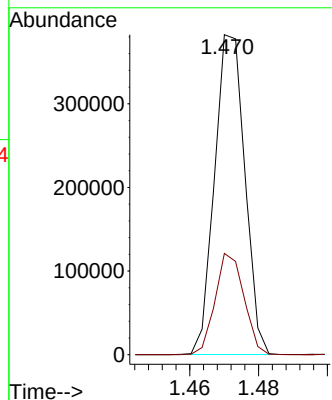
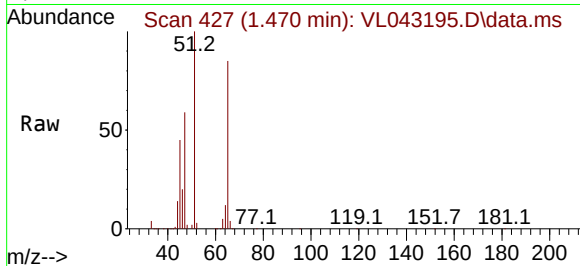




#7
Chloroethane
Concen: 71.357 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.236 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

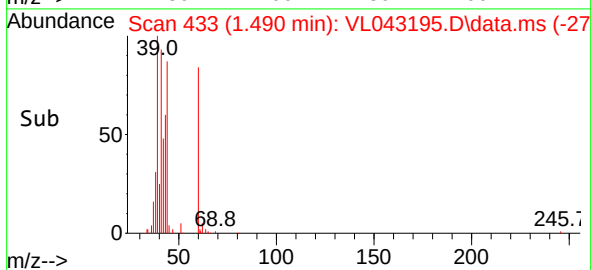
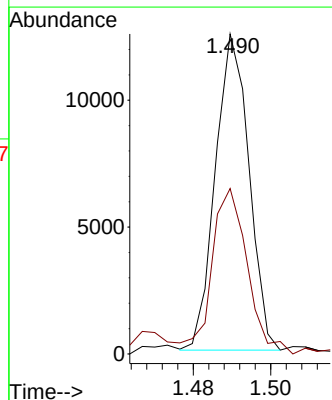
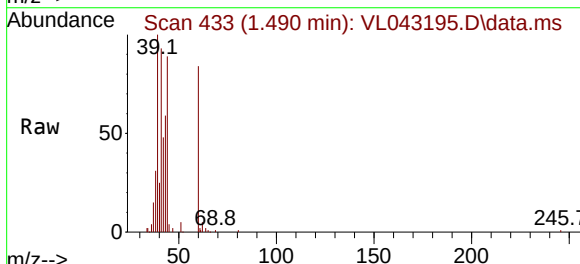
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

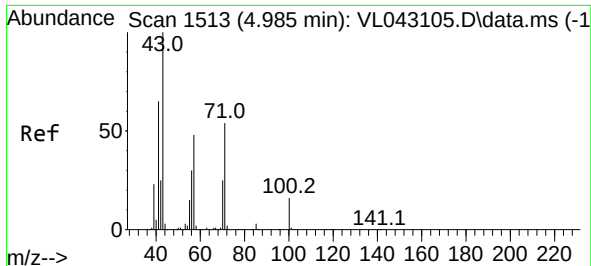
Tgt Ion: 64 Resp: 233745
Ion Ratio Lower Upper
64 100
66 31.7 26.0 39.0



#9
Propene
Concen: 0.758 ppbv
RT: 1.490 min Scan# 433
Delta R.T. 0.007 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 41 Resp: 7501
Ion Ratio Lower Upper
41 100
42 65.4 55.1 82.7

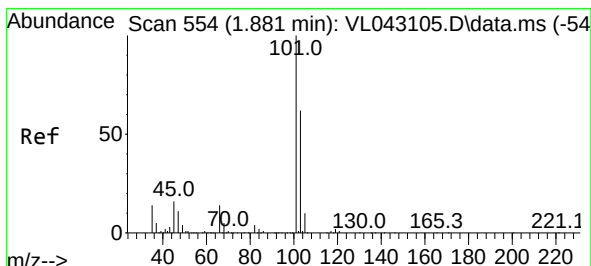
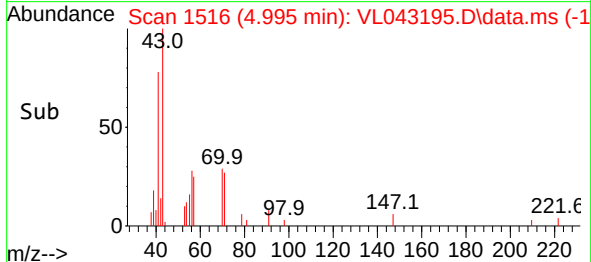
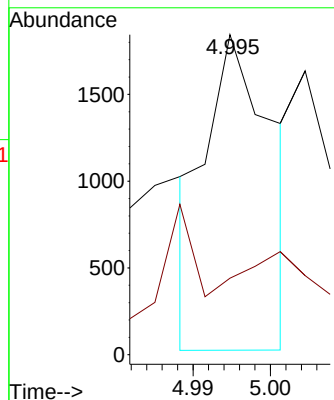
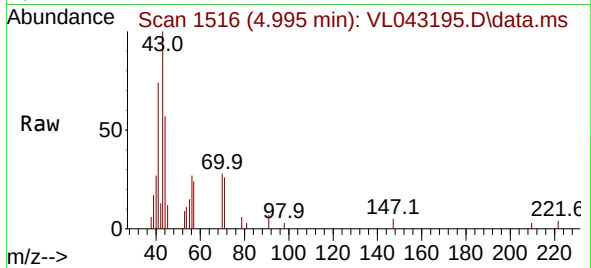




#10
Heptane
Concen: 0.038 ppbv
RT: 4.995 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

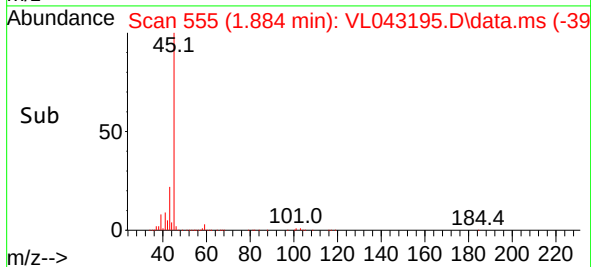
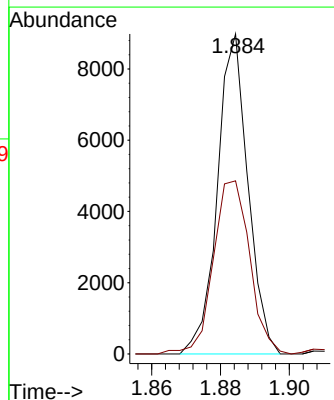
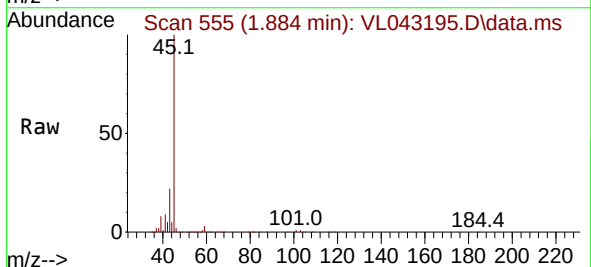
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UNIT-7-IA-1DUP

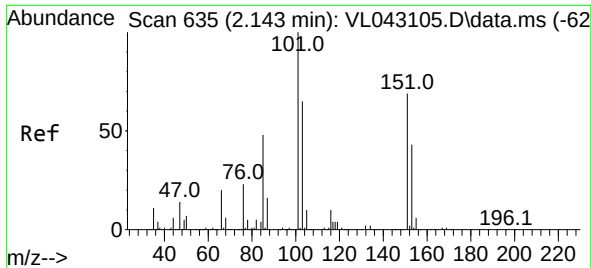
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
57 105.4 40.8 61.2#



#11
Trichlorofluoromethane
Concen: 0.275 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 101 Resp: 5543
Ion Ratio Lower Upper
101 100
103 53.2 49.3 73.9

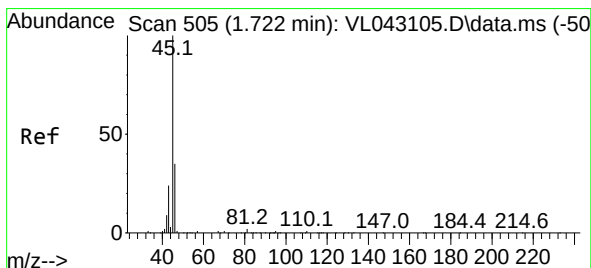
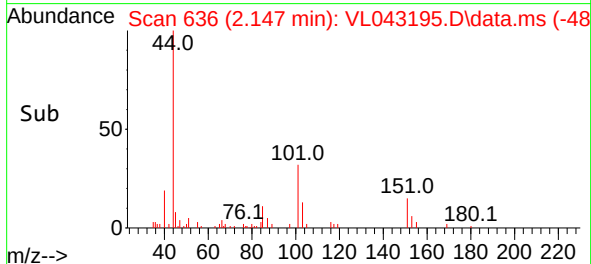
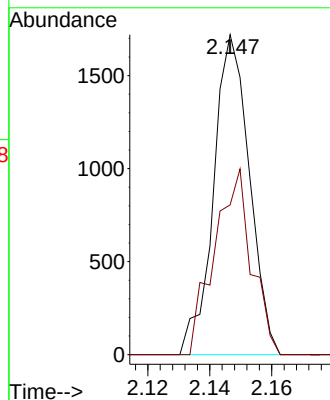
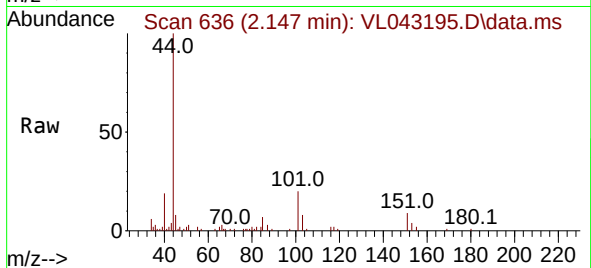




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.085 ppbv
RT: 2.147 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

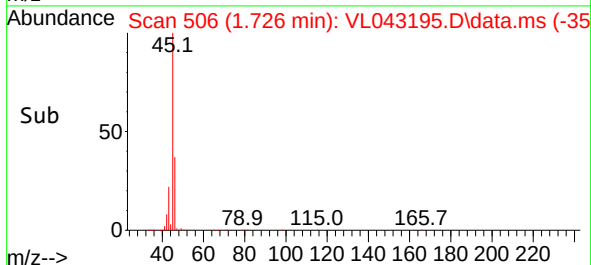
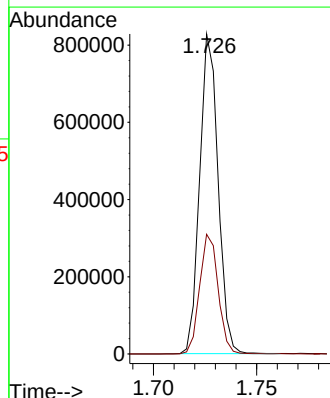
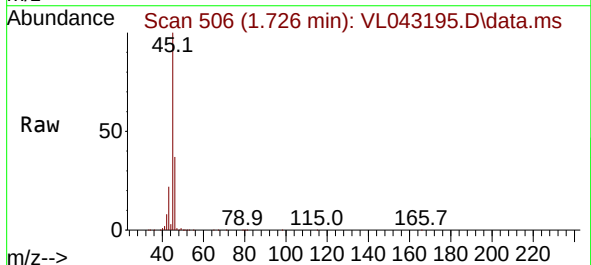
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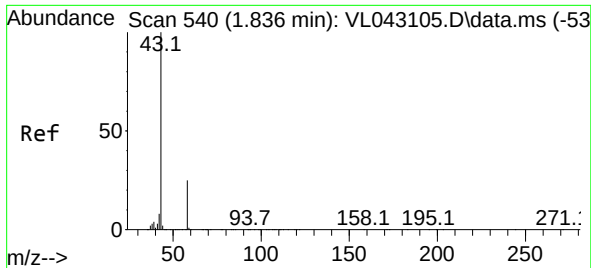
Tgt Ion:101 Resp: 1385
Ion Ratio Lower Upper
101 100
151 60.1 54.7 82.1



#13
Ethanol
Concen: 139.967 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 45 Resp: 512270
Ion Ratio Lower Upper
45 100
46 37.9 14.7 58.9





#15

Acetone

Concen: 6.182 ppbv

RT: 1.842 min Scan# 54

Delta R.T. 0.007 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

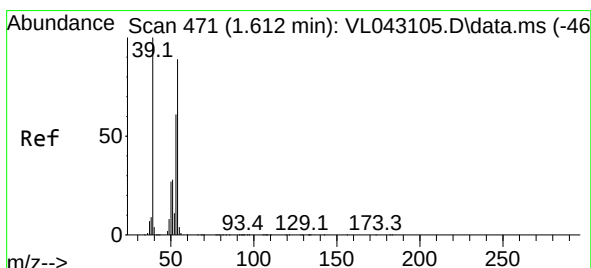
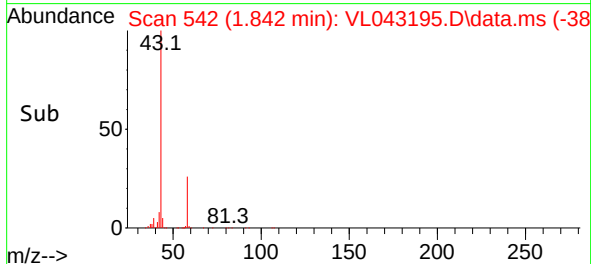
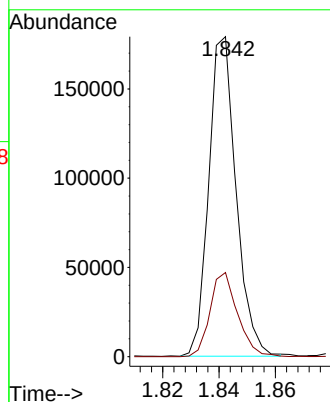
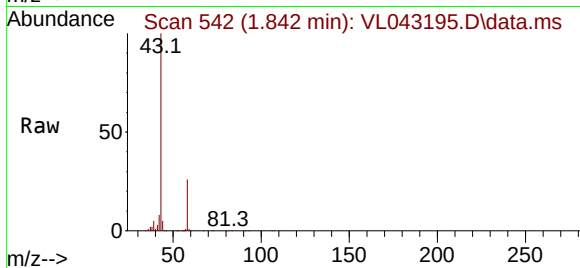
UNIT-7-IA-1DUP

Tgt Ion: 43 Resp: 120845

Ion Ratio Lower Upper

43 100

58 26.5 20.8 31.2



#16

1,3-Butadiene

Concen: 0.447 ppbv

RT: 1.625 min Scan# 475

Delta R.T. 0.013 min

Lab File: VL043195.D

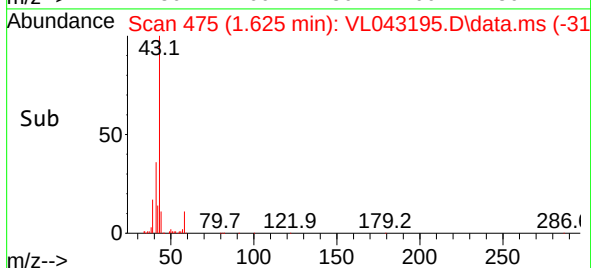
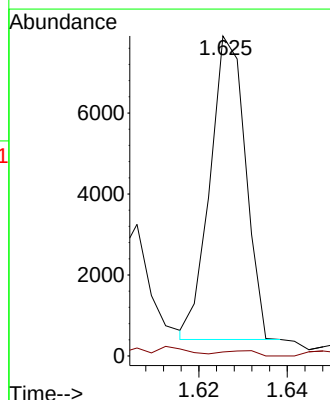
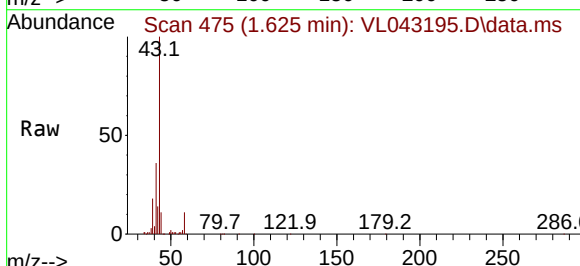
Acq: 13 Nov 2025 12:28

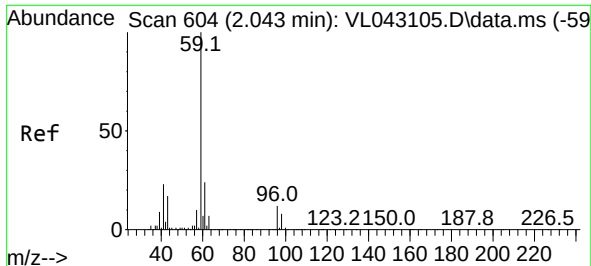
Tgt Ion: 39 Resp: 4162

Ion Ratio Lower Upper

39 100

54 6.3 59.0 88.4#





#17

tert-Butyl alcohol

Concen: 2.770 ppbv

RT: 1.891 min Scan# 557

Delta R.T. -0.152 min

Lab File: VL043195.D

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Instrument :

MSVOA_L

ClientSampleId :

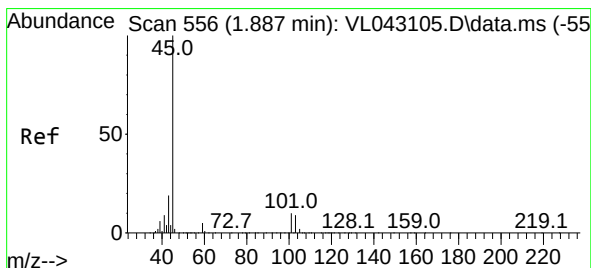
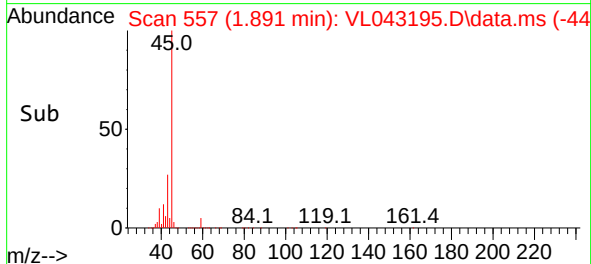
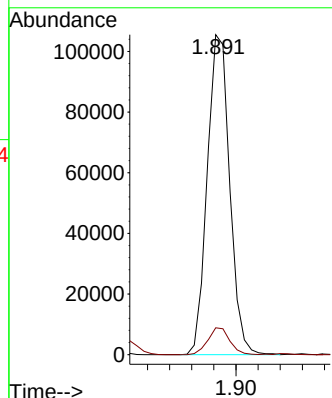
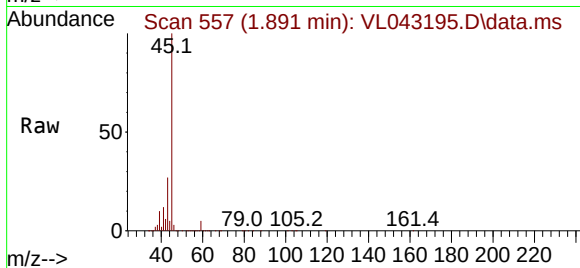
UNIT-7-IA-1DUP

Tgt Ion: 59 Resp: 74337

Ion Ratio Lower Upper

59 100

57 8.5 8.2 12.4



#19

Isopropyl Alcohol

Concen: 142.677 ppbv

RT: 1.891 min Scan# 557

Delta R.T. 0.003 min

Lab File: VL043195.D

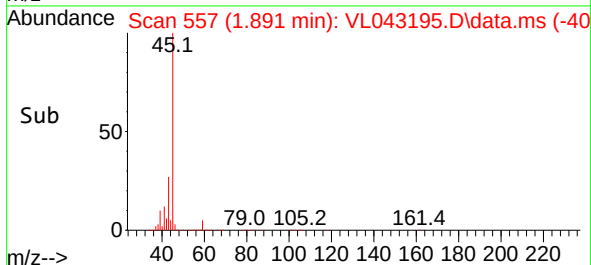
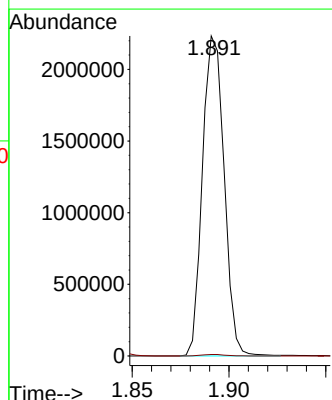
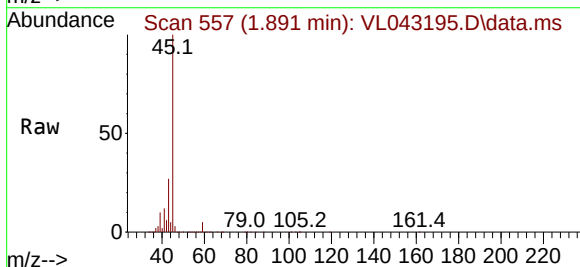
Acq: 13 Nov 2025 12:28

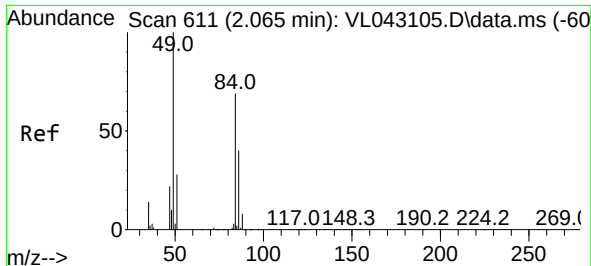
Tgt Ion: 45 Resp: 1737162

Ion Ratio Lower Upper

45 100

58 0.5 31.3 46.9#

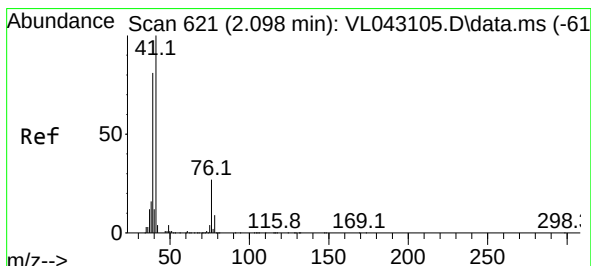
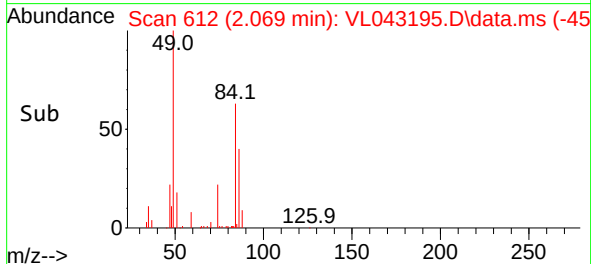
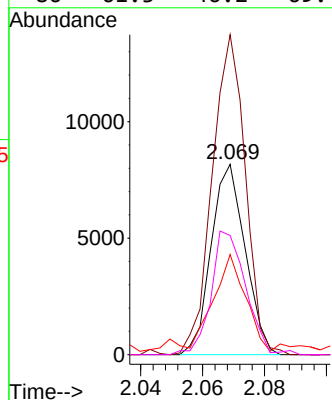
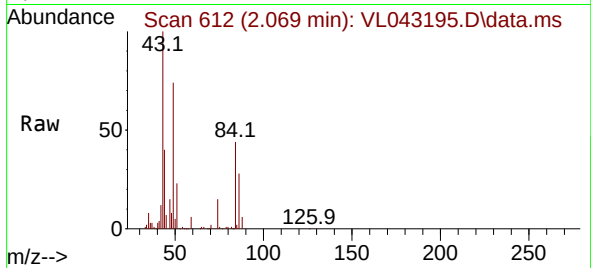




#20
Methylene Chloride
Concen: 0.807 ppbv
RT: 2.069 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

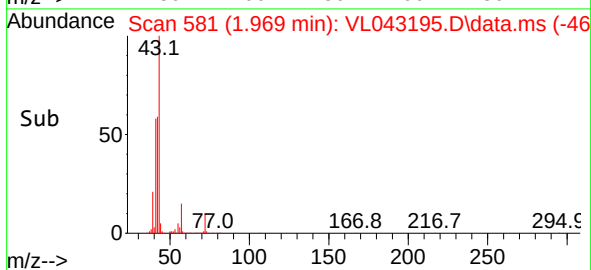
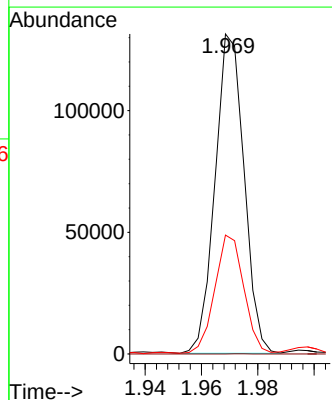
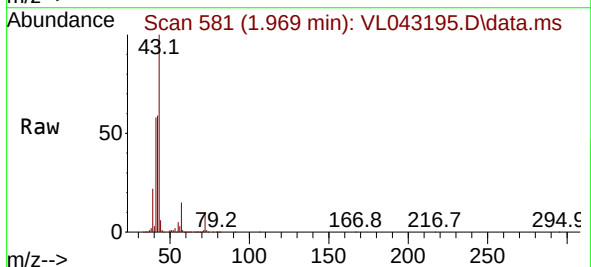
Instrument :
MSVOA_1
ClientSampleId :
UNIT-7-IA-1DUP

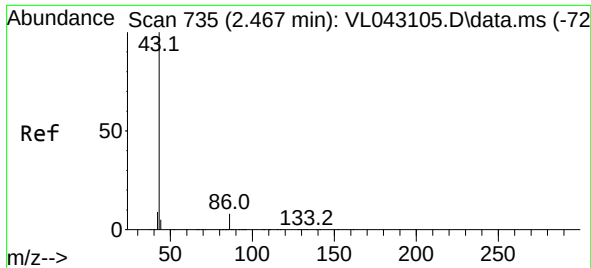
Tgt Ion: 84 Resp: 6233
Ion Ratio Lower Upper
84 100
49 167.1 116.6 175.0
51 47.9 34.8 52.2
86 61.3 46.2 69.4



#21
Allyl Chloride
Concen: 6.516 ppbv
RT: 1.969 min Scan# 581
Delta R.T. -0.129 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 41 Resp: 93862
Ion Ratio Lower Upper
41 100
76 1.1 21.5 32.3#
39 39.7 60.8 91.2#

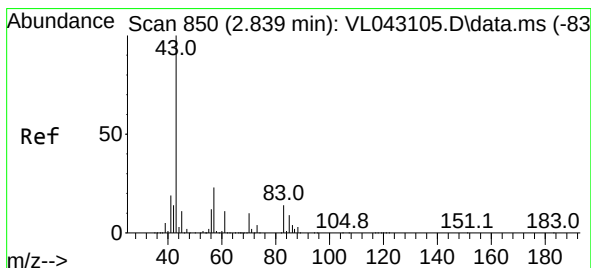
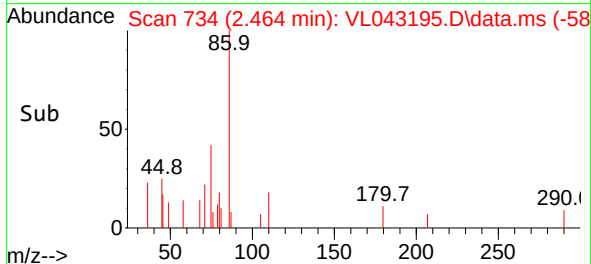
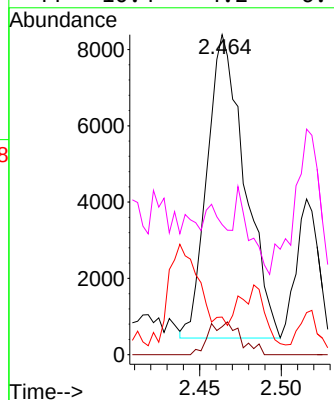
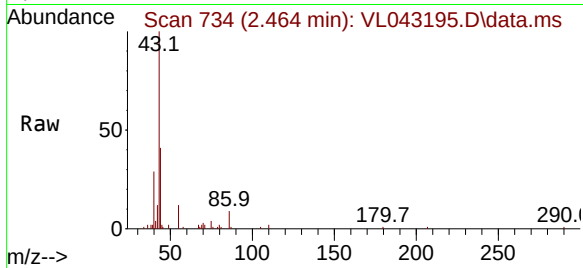




#23
 Vinyl Acetate
 Concen: 0.446 ppbv
 RT: 2.464 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

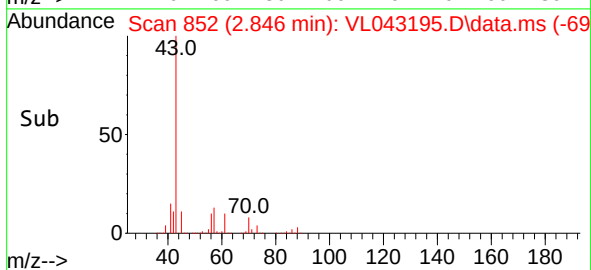
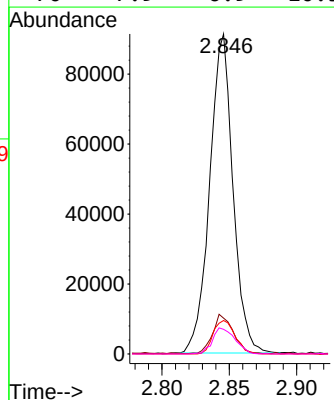
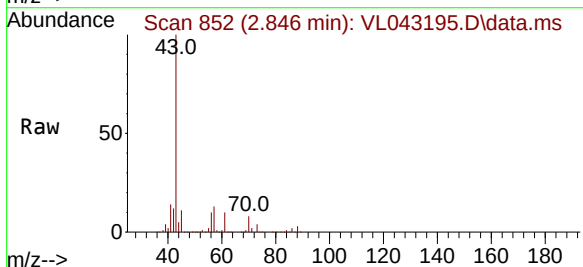
Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-7-IA-1DUP

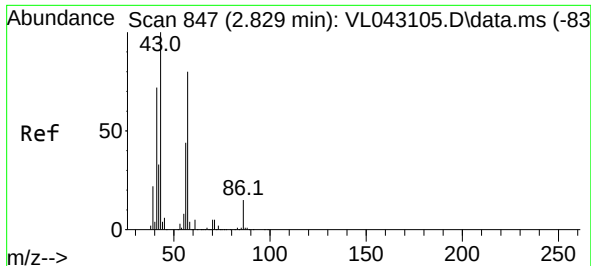
Tgt Ion:	43	Resp:	12786
Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.2	9.2
42	8.8	7.6	11.4
44	10.4	4.2	6.4



#25
 Ethyl Acetate
 Concen: 2.259 ppbv
 RT: 2.846 min Scan# 852
 Delta R.T. 0.007 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

Tgt Ion:	43	Resp:	109532
Ion	Ratio	Lower	Upper
43	100		
45	10.8	7.8	11.8
61	9.9	7.0	10.6
70	7.9	6.9	10.3

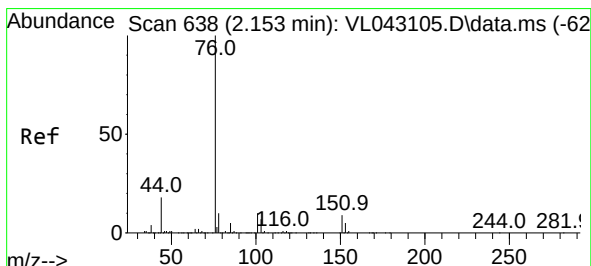
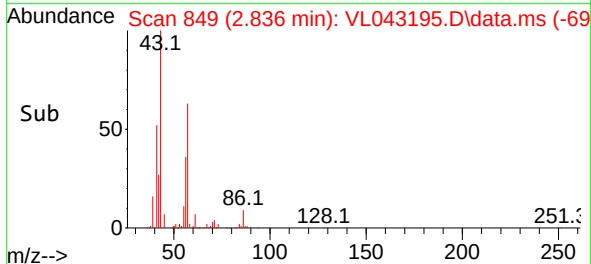
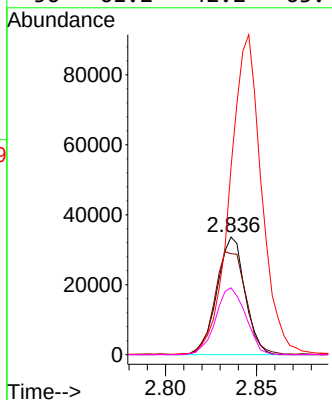
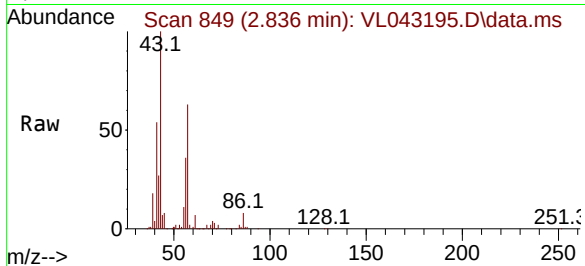




#26
Hexane
Concen: 1.607 ppbv
RT: 2.836 min Scan# 847
Delta R.T. 0.007 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

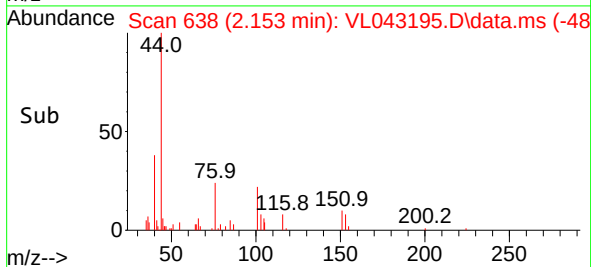
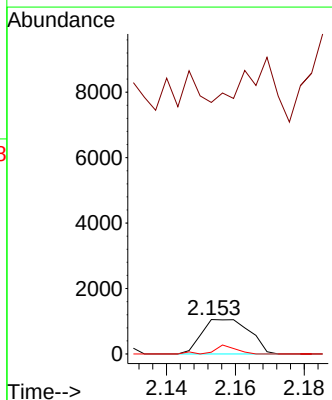
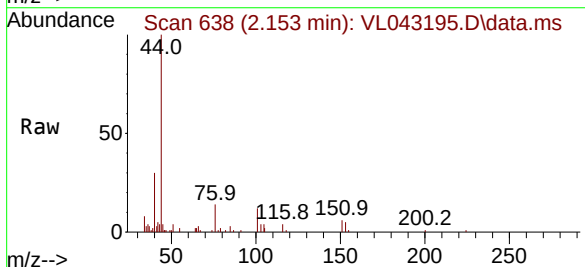
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

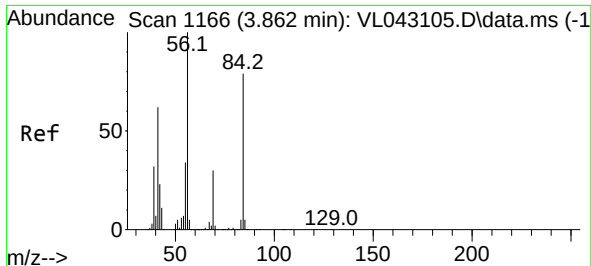
Tgt Ion: 57 Resp: 35887
Ion Ratio Lower Upper
57 100
41 97.1 71.4 107.0
43 312.9 178.5 267.7#
56 61.2 42.2 63.4



#27
Carbon Disulfide
Concen: 0.050 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.000 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 76 Resp: 1018
Ion Ratio Lower Upper
76 100
44 0.0 16.7 25.1#
78 11.8 9.3 13.9

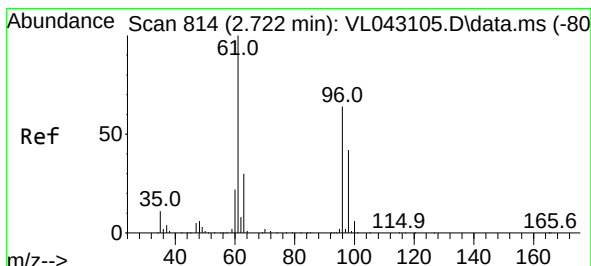
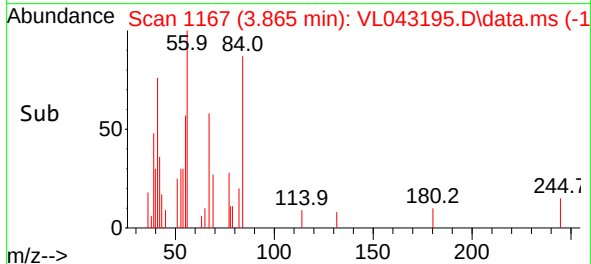
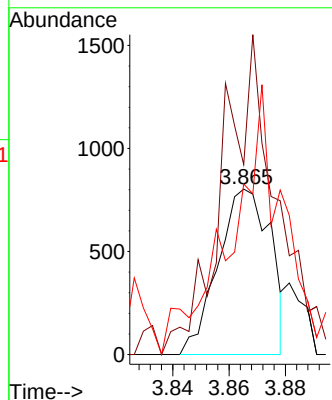
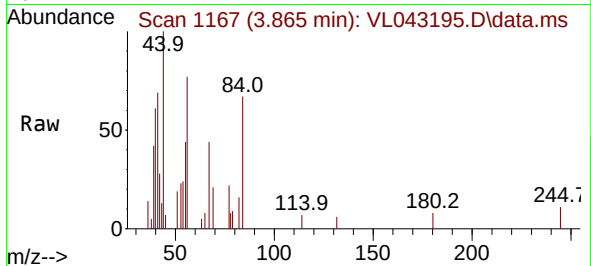




#30
Cyclohexane
Concen: 0.053 ppbv
RT: 3.865 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

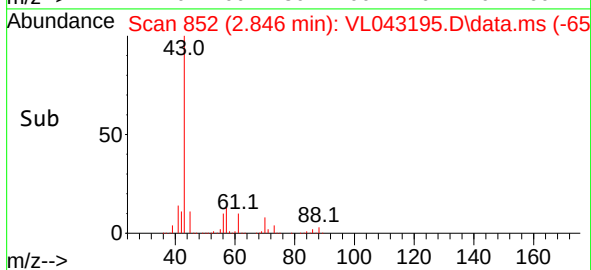
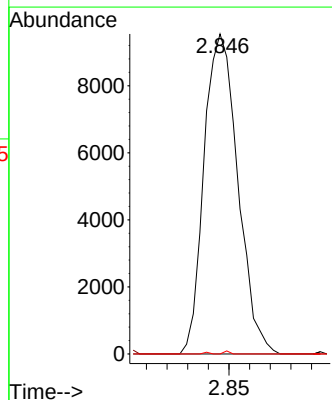
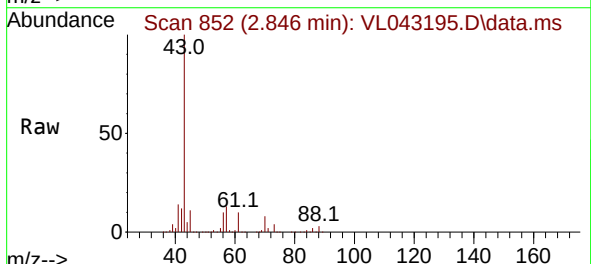
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

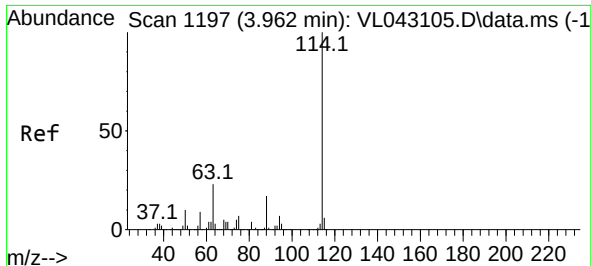
Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
56 210.3 100.9 151.3#
41 165.8 63.8 95.6#



#31
cis-1,2-Dichloroethene
Concen: 0.509 ppbv
RT: 2.846 min Scan# 852
Delta R.T. 0.123 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 61 Resp: 10847
Ion Ratio Lower Upper
61 100
96 0.0 51.0 76.6#
98 0.0 33.5 50.3#

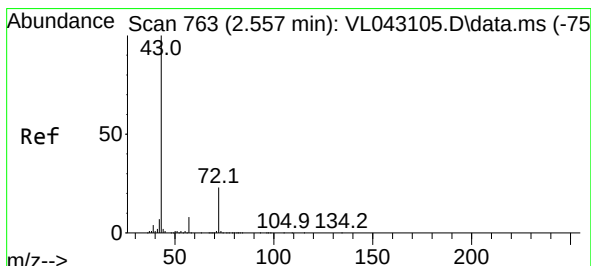
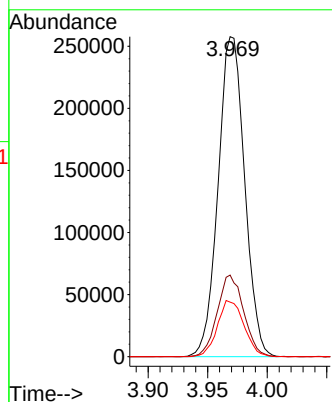
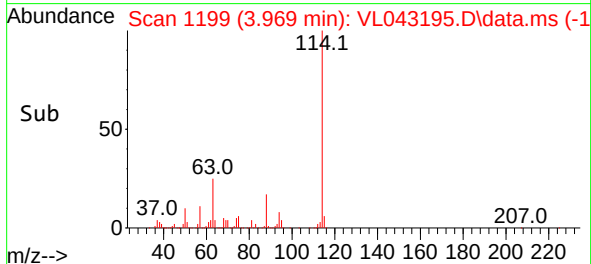
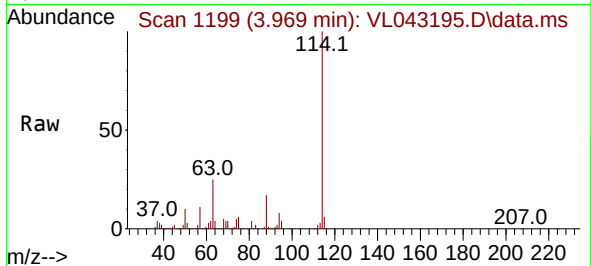




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. 0.007 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

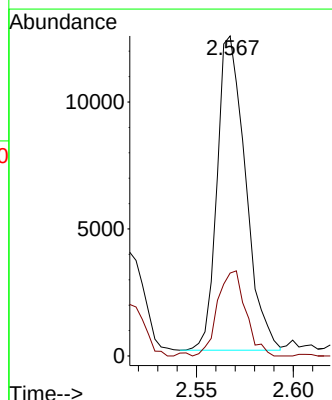
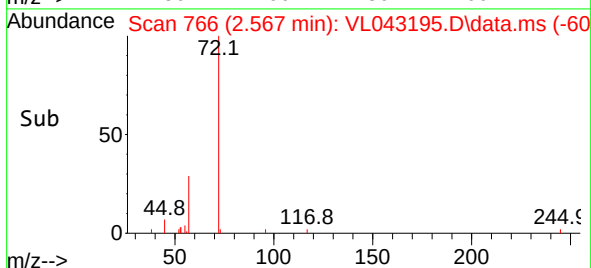
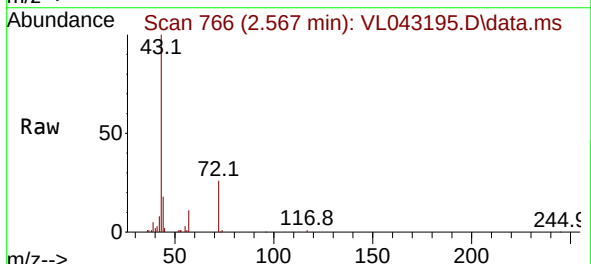
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

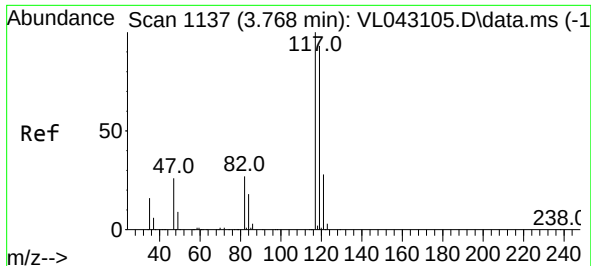
Tgt Ion:114 Resp: 398990
Ion Ratio Lower Upper
114 100
63 25.4 19.3 28.9
88 17.5 13.9 20.9



#34
2-Butanone
Concen: 0.469 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 43 Resp: 12586
Ion Ratio Lower Upper
43 100
72 27.1 18.4 27.6

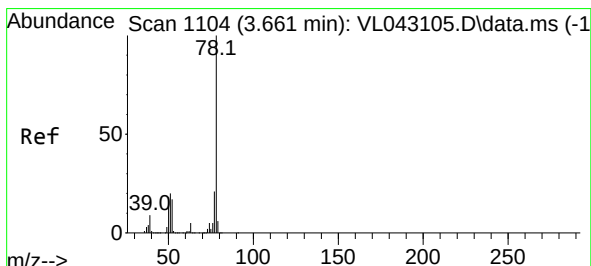
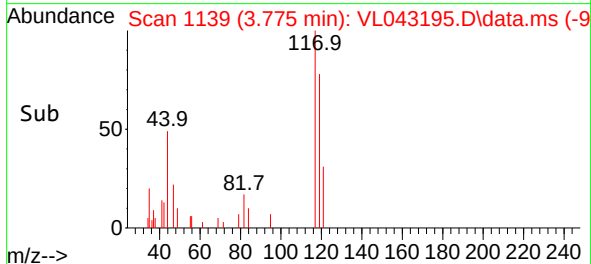
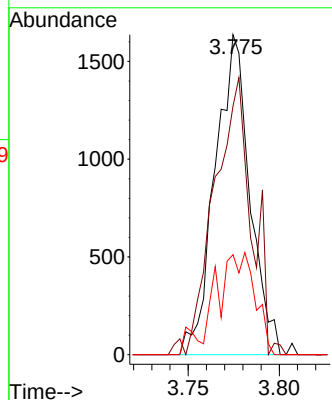
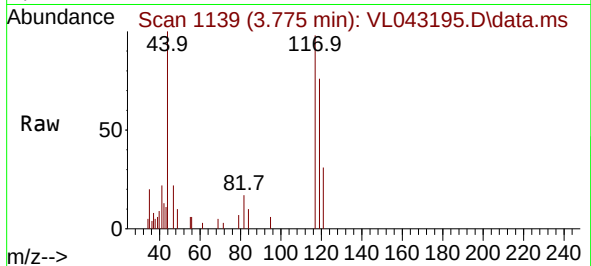




#35
Carbon Tetrachloride
Concen: 0.076 ppbv
RT: 3.775 min Scan# 1137
Delta R.T. 0.007 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

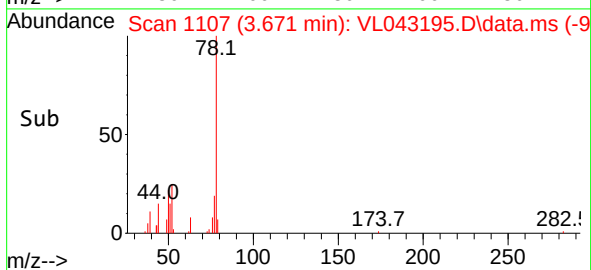
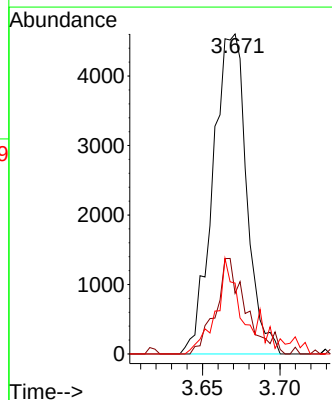
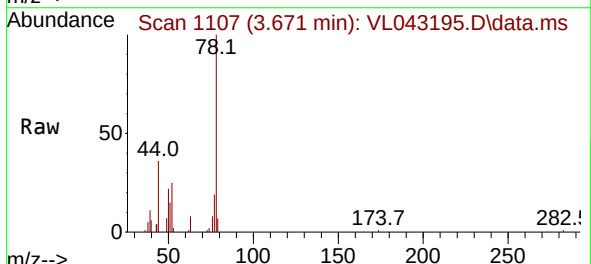
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

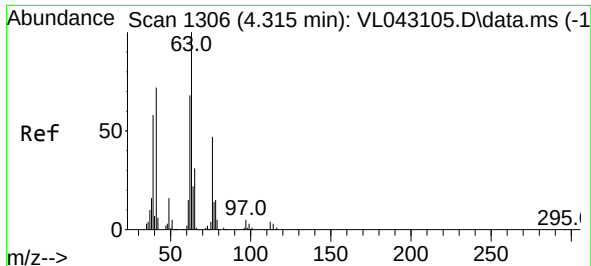
Tgt Ion:117	Resp:	2176
Ion	Ratio	Lower Upper
117	100	
119	74.6	74.1 111.1
121	31.3	22.2 33.2



#36
Benzene
Concen: 0.185 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.010 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 78	Resp:	6968
Ion	Ratio	Lower Upper
78	100	
77	18.9	17.0 25.6
50	22.1	14.6 22.0#





#39

1,2-Dichloropropane

Concen: 7.371 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. -0.346 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

UNIT-7-IA-1DUP

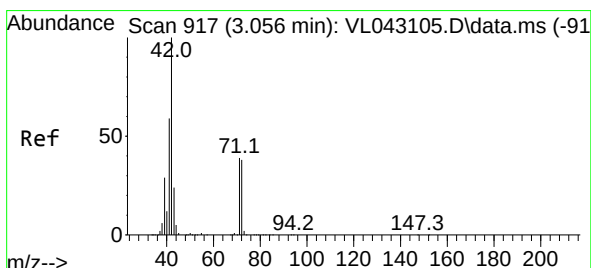
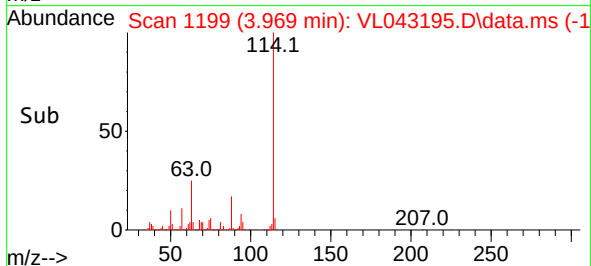
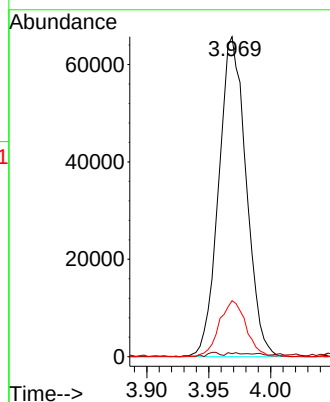
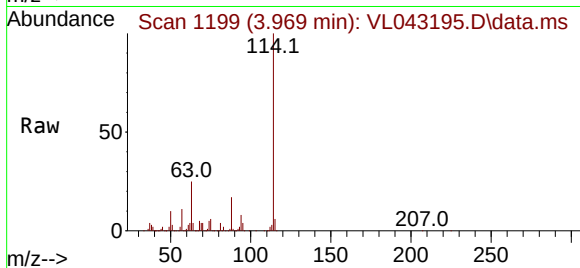
Tgt Ion: 63 Resp: 101260

Ion Ratio Lower Upper

63 100

41 1.0 58.0 87.0#

62 17.5 54.7 82.1#



#41

Tetrahydrofuran

Concen: 0.142 ppbv

RT: 3.069 min Scan# 921

Delta R.T. 0.013 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

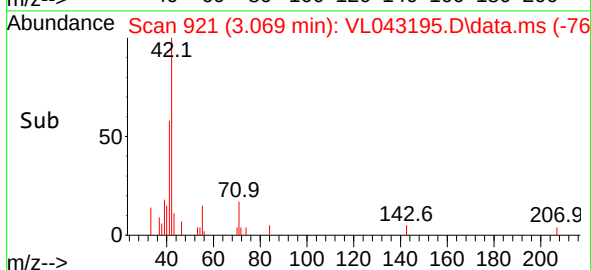
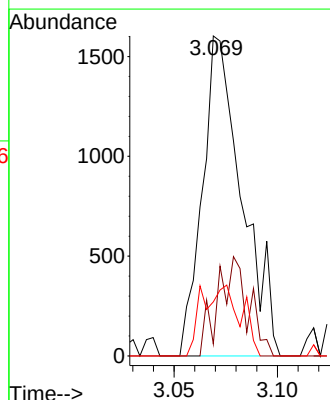
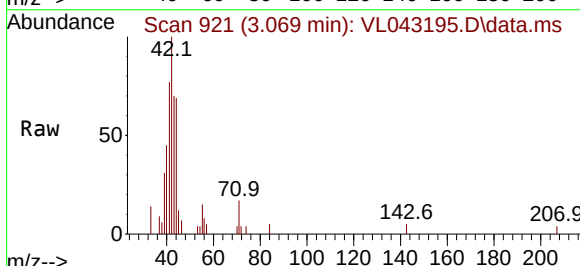
Tgt Ion: 42 Resp: 2127

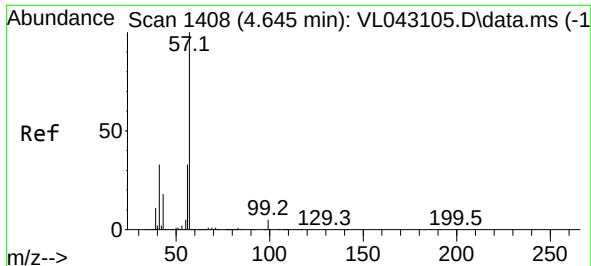
Ion Ratio Lower Upper

42 100

72 23.8 31.3 46.9#

71 21.7 30.4 45.6#

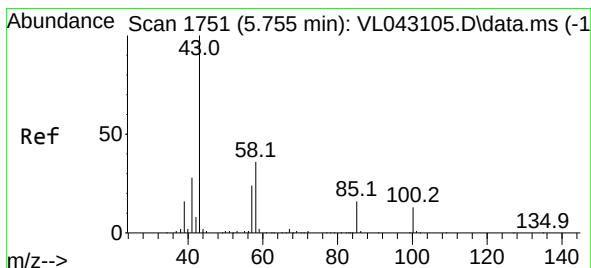
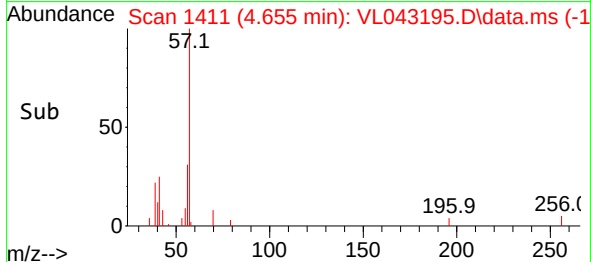
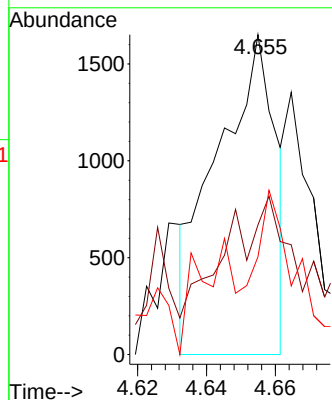
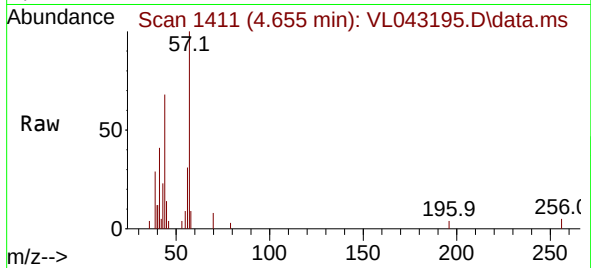




#44
 2,2,4-Trimethylpentane
 Concen: 0.031 ppbv
 RT: 4.655 min Scan# 1408
 Delta R.T. 0.010 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

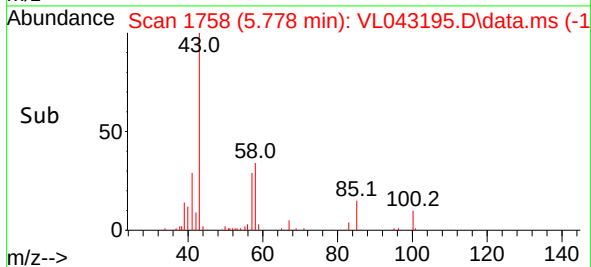
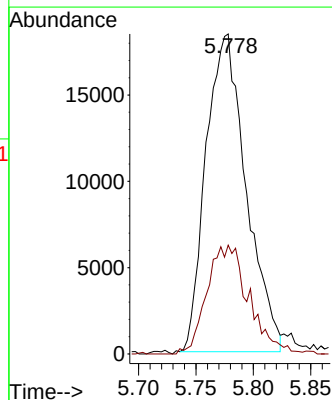
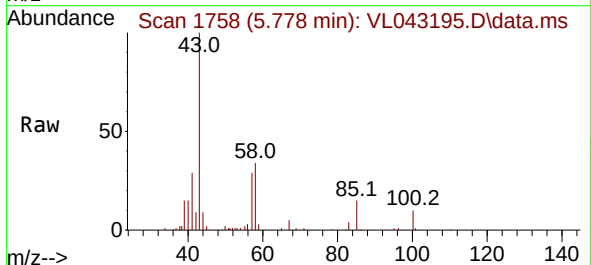
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-7-IA-1DUP

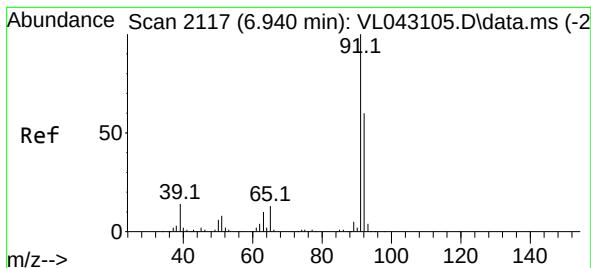
Tgt Ion: 57 Resp: 1967
 Ion Ratio Lower Upper
 57 100
 41 113.5 26.3 39.5#
 56 80.5 25.9 38.9#



#50
 4-Methyl-2-Pentanone
 Concen: 1.213 ppbv
 RT: 5.778 min Scan# 1758
 Delta R.T. 0.023 min
 Lab File: VL043195.D
 Acq: 13 Nov 2025 12:28

Tgt Ion: 43 Resp: 44901
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.1 43.7





#53

Toluene

Concen: 1.085 ppbv

RT: 6.950 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

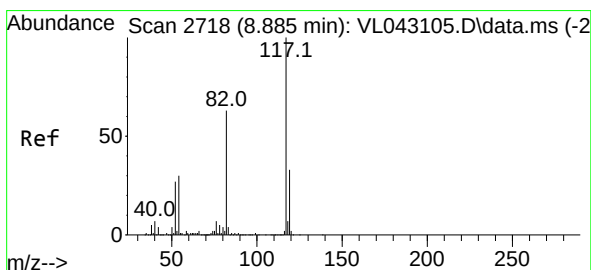
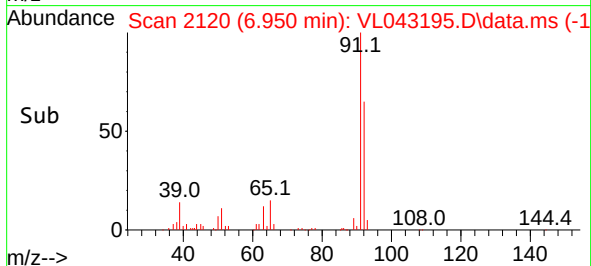
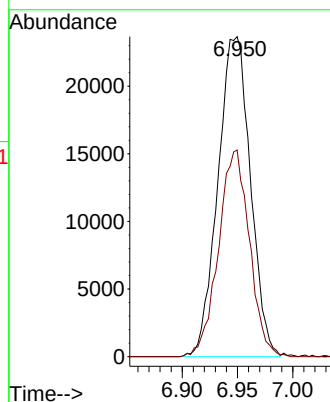
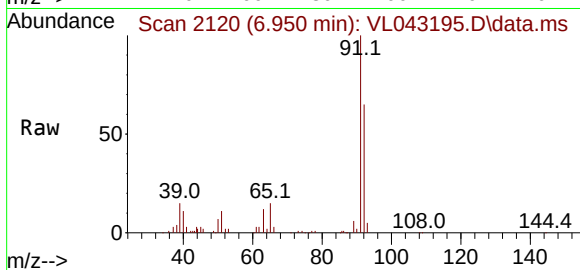
UNIT-7-IA-1DUP

Tgt Ion: 91 Resp: 48404

Ion Ratio Lower Upper

91 100

92 61.4 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.892 min Scan# 2720

Delta R.T. 0.007 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

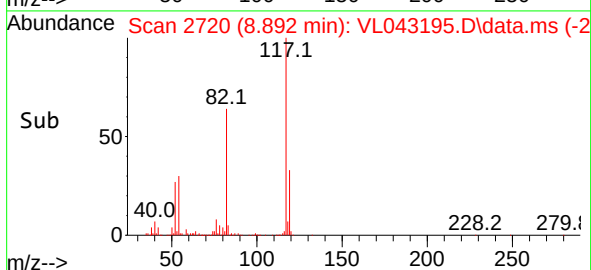
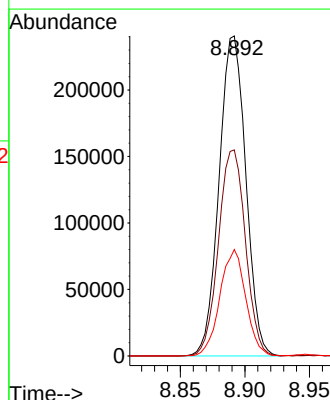
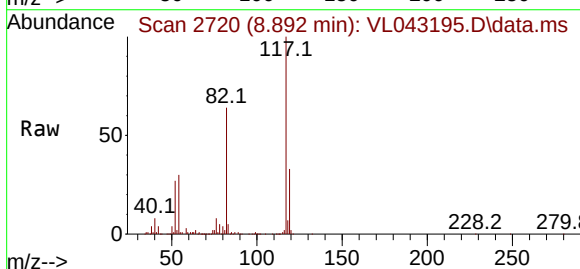
Tgt Ion: 117 Resp: 346200

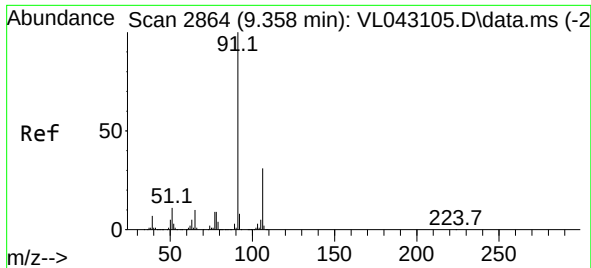
Ion Ratio Lower Upper

117 100

82 65.1 53.8 80.8

119 32.2 25.4 38.0





#58

Ethyl Benzene

Concen: 0.292 ppbv

RT: 9.364 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

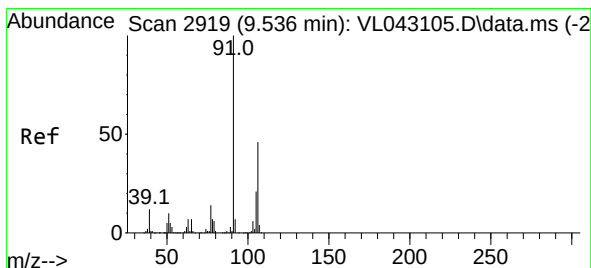
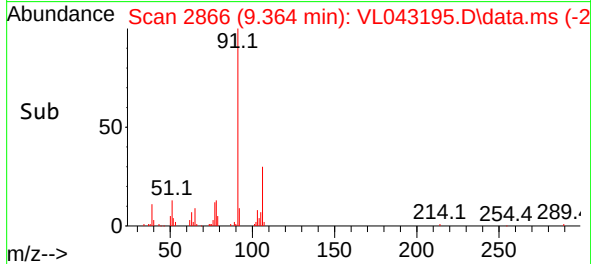
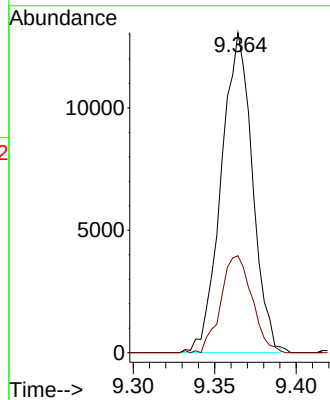
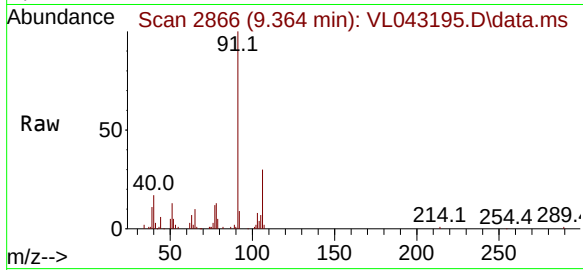
UNIT-7-IA-1DUP

Tgt Ion: 91 Resp: 17354

Ion Ratio Lower Upper

91 100

106 30.3 24.8 37.2



#59

m/p-Xylene

Concen: 0.069 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. 0.007 min

Lab File: VL043195.D

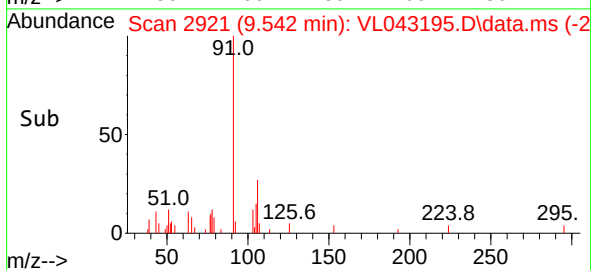
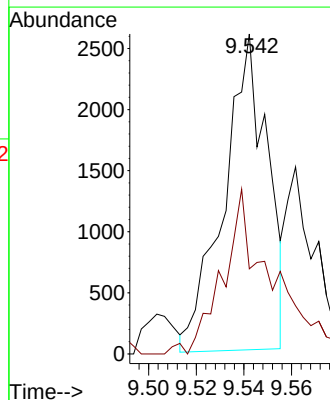
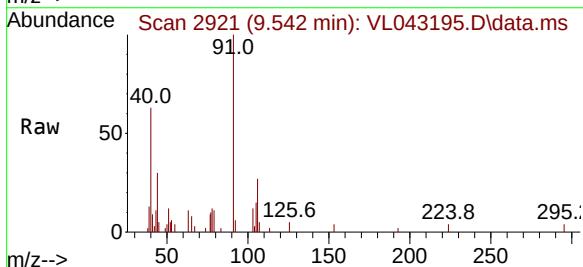
Acq: 13 Nov 2025 12:28

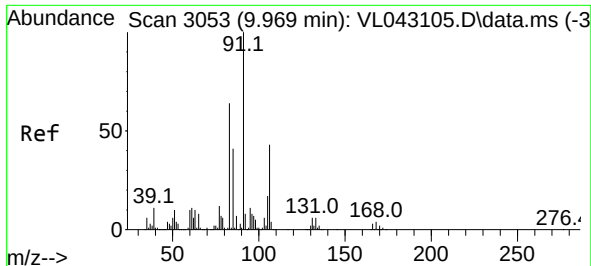
Tgt Ion: 91 Resp: 3279

Ion Ratio Lower Upper

91 100

106 58.2 38.0 57.0#

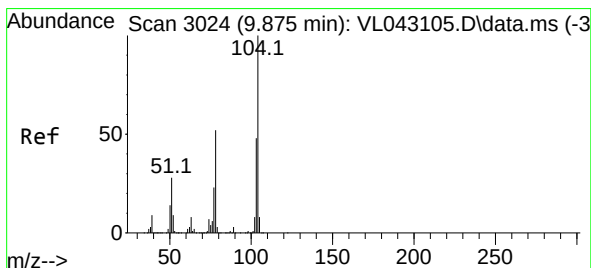
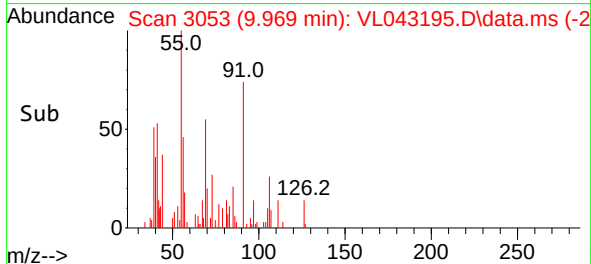
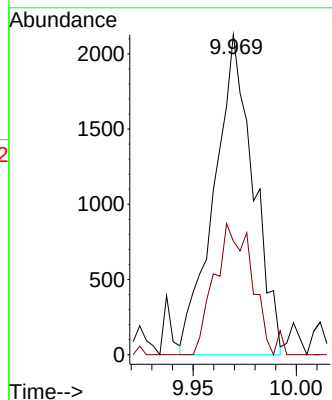
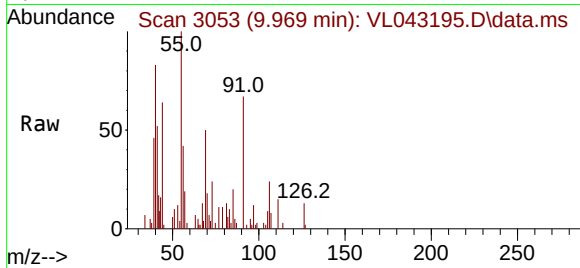




#60
o-Xylene
Concen: 0.060 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

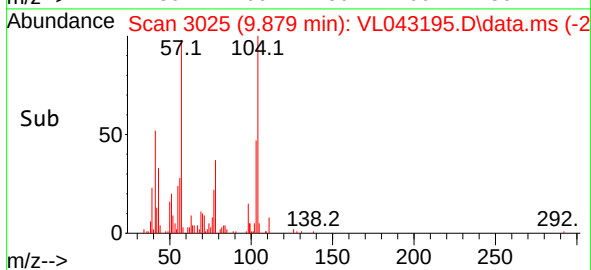
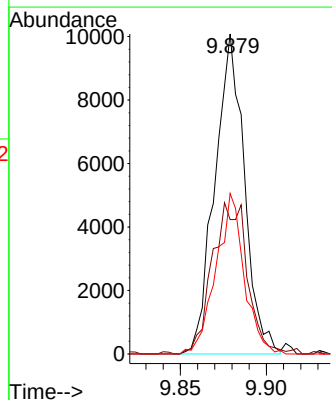
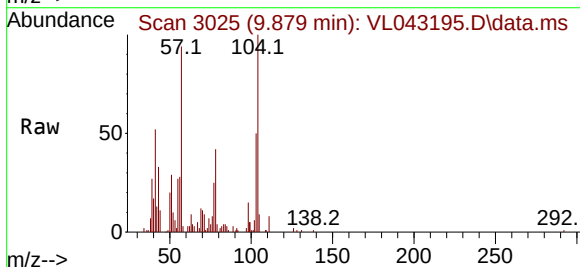
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1DUP

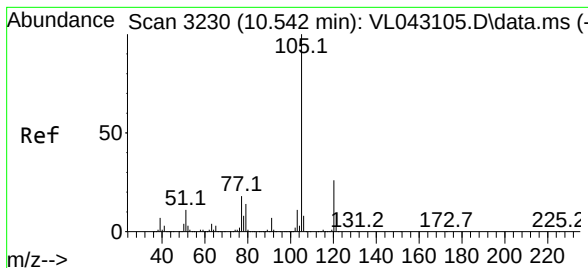
Tgt Ion: 91 Resp: 2800
Ion Ratio Lower Upper
91 100
106 39.8 21.9 65.8



#61
Styrene
Concen: 0.570 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL043195.D
Acq: 13 Nov 2025 12:28

Tgt Ion: 104 Resp: 12035
Ion Ratio Lower Upper
104 100
78 56.8 40.2 60.2
103 47.7 36.9 55.3





#62

Isopropylbenzene

Concen: 0.058 ppbv

RT: 10.549 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

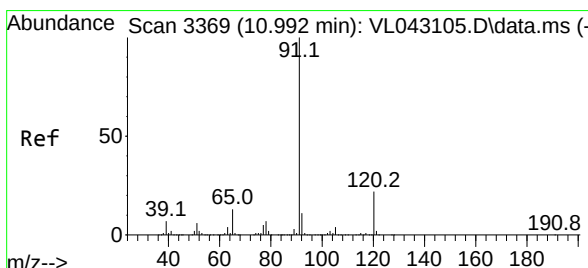
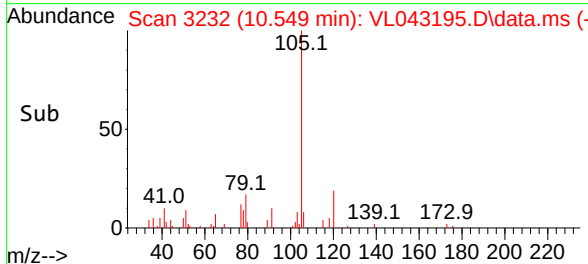
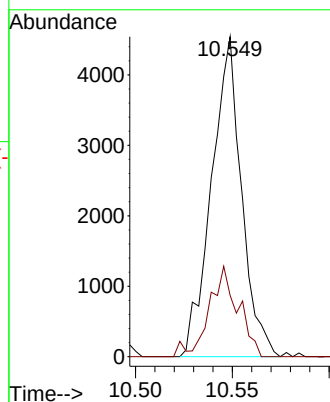
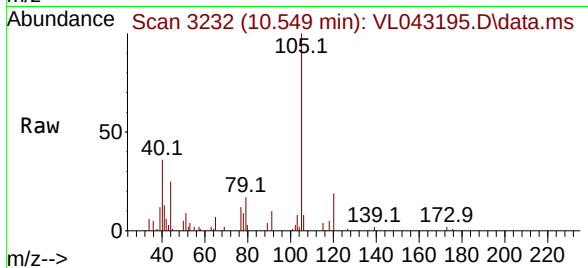
UNIT-7-IA-1DUP

Tgt Ion:105 Resp: 4896

Ion Ratio Lower Upper

105 100

120 27.3 20.2 30.4



#64

n-propylbenzene

Concen: 0.041 ppbv

RT: 10.999 min Scan# 3371

Delta R.T. 0.007 min

Lab File: VL043195.D

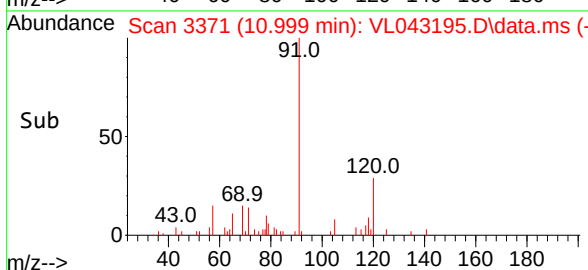
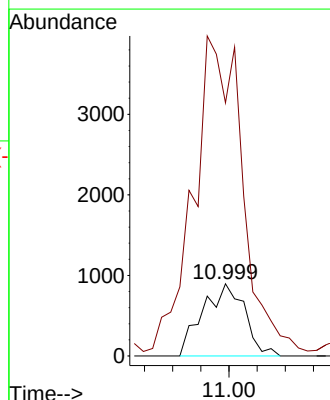
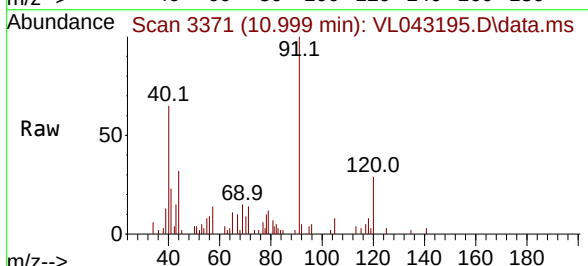
Acq: 13 Nov 2025 12:28

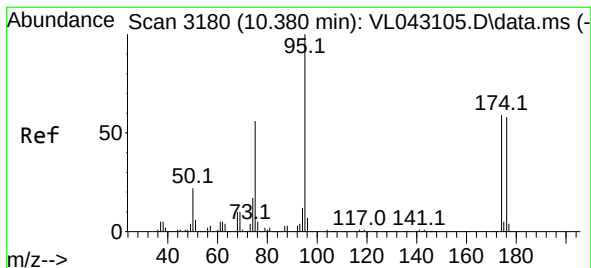
Tgt Ion:120 Resp: 928

Ion Ratio Lower Upper

120 100

91 538.0 361.6 542.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.452 ppbv

RT: 10.384 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Instrument :

MSVOA_L

ClientSampleId :

UNIT-7-IA-1DUP

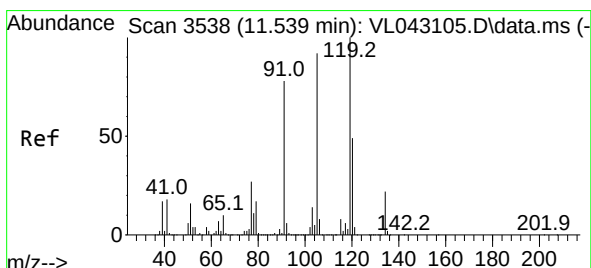
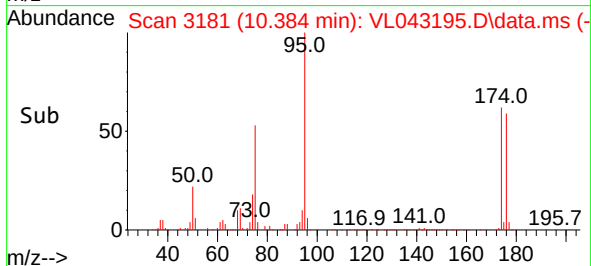
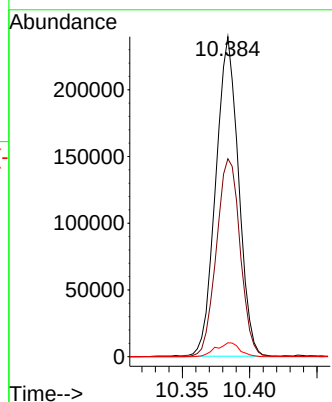
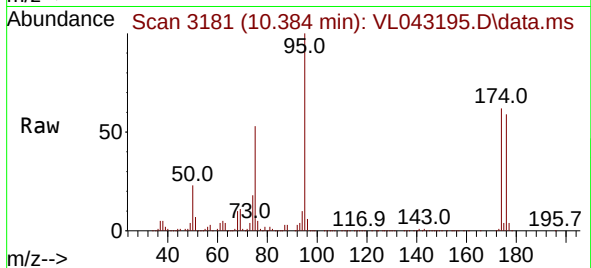
Tgt Ion: 95 Resp: 281256

Ion Ratio Lower Upper

95 100

174 64.7 48.3 72.5

175 4.6 3.8 5.8



#74

1,2,4-Trimethylbenzene

Concen: 0.045 ppbv

RT: 11.543 min Scan# 3539

Delta R.T. 0.003 min

Lab File: VL043195.D

Acq: 13 Nov 2025 12:28

Tgt Ion: 105 Resp: 2371

Ion Ratio Lower Upper

105 100

120 35.0 42.8 64.2#

91 33.6 68.3 102.5#

77 10.4 23.4 35.0#

