

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043194.D
 Acq On : 13 Nov 2025 11:52
 Operator : SY/MD
 Sample : Q3627-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 14 04:37:50 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	2.797	49	144607	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	396555	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	342186	10.000	ppbv	0.00

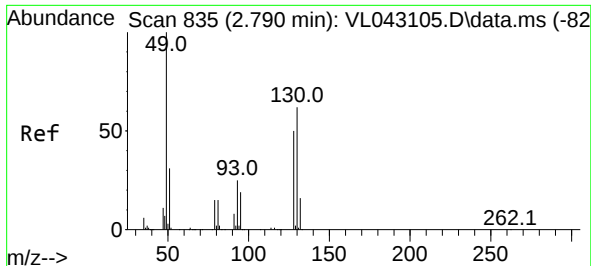
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	278374	10.466	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	8556	0.416	ppbv	96
3) Chlorodifluoromethane	1.470	51	2457742	110.496	ppbv #	58
4) Chloromethane	1.538	50	3563	0.437	ppbv #	82
5) Vinyl Chloride	1.489	62	364	0.046	ppbv #	70
7) Chloroethane	1.470	64	234059	71.666	ppbv	97
9) Propene	1.489	41	7778	0.788	ppbv	97
11) Trichlorofluoromethane	1.884	101	5979	0.297	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.150	101	1193	0.074	ppbv	98
13) Ethanol	1.726	45	529858	145.204	ppbv	97
15) Acetone	1.842	43	123766	6.350	ppbv	97
16) 1,3-Butadiene	1.625	39	3970	0.427	ppbv #	25
17) tert-Butyl alcohol	2.049	59	7384	0.276	ppbv #	1
19) Isopropyl Alcohol	1.891	45	1775861	146.290	ppbv #	37
20) Methylene Chloride	2.069	84	6423	0.834	ppbv	95
21) Allyl Chloride	1.972	41	99676	6.940	ppbv #	55
23) Vinyl Acetate	2.480	43	3399	0.119	ppbv #	85
25) Ethyl Acetate	2.846	43	111799	2.313	ppbv	97
26) Hexane	2.836	57	36703	1.648	ppbv #	65
27) Carbon Disulfide	2.159	76	1208	0.059	ppbv #	60
29) Chloroform	2.855	83	1202	0.037	ppbv #	74
30) Cyclohexane	3.872	84	970	0.050	ppbv #	20
31) cis-1,2-Dichloroethene	2.846	61	10409	0.489	ppbv #	24
34) 2-Butanone	2.567	43	13729	0.515	ppbv	99
35) Carbon Tetrachloride	3.775	117	1110	0.039	ppbv #	78
36) Benzene	3.668	78	7434	0.199	ppbv #	86
39) 1,2-Dichloropropane	3.972	63	102088	7.477	ppbv #	24
41) Tetrahydrofuran	3.072	42	2006	0.135	ppbv #	63
50) 4-Methyl-2-Pentanone	5.775	43	25552	0.695	ppbv #	53
53) Toluene	6.953	91	25505	0.575	ppbv #	20
58) Ethyl Benzene	9.367	91	17904	0.305	ppbv	100
59) m/p-Xylene	9.542	91	2509	0.054	ppbv #	40
60) o-Xylene	9.973	91	2099	0.045	ppbv	74
61) Styrene	9.879	104	12213	0.585	ppbv	94
62) Isopropylbenzene	10.549	105	5126	0.061	ppbv	93
64) n-propylbenzene	10.999	120	935	0.042	ppbv #	10
74) 1,2,4-Trimethylbenzene	11.542	105	2595	0.049	ppbv #	56
79) Naphthalene	13.527	128	3328	0.061	ppbv #	76
80) Naphthalene,2-methyl-	14.472	142	510	0.036	ppbv #	45

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

Quant Time: Nov 14 04:37:50 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

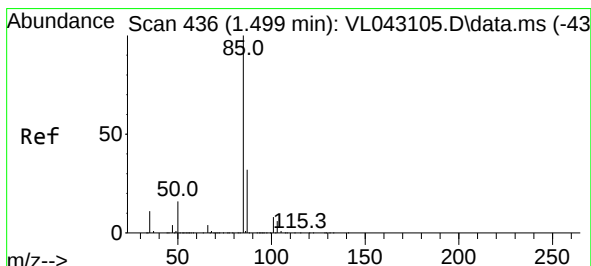
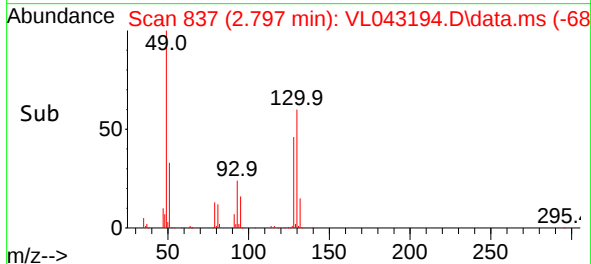
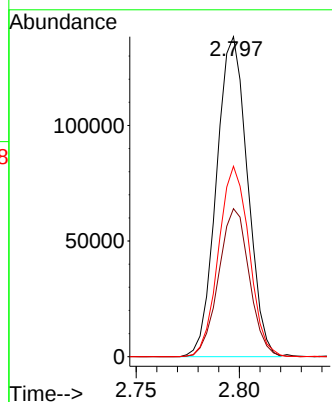
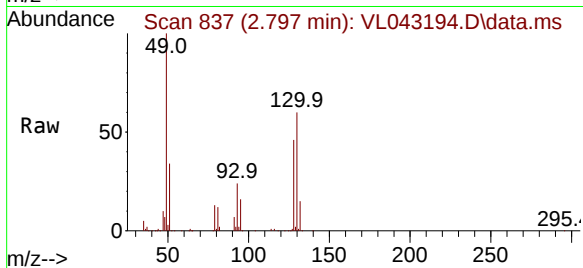




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

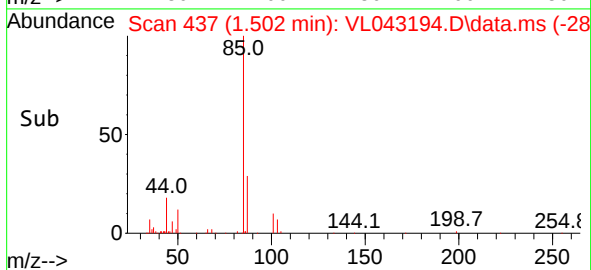
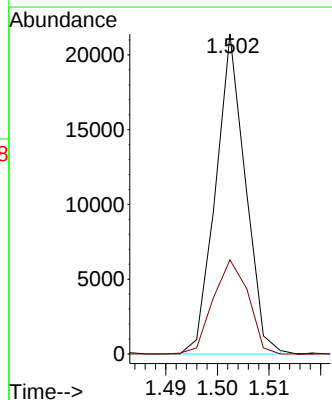
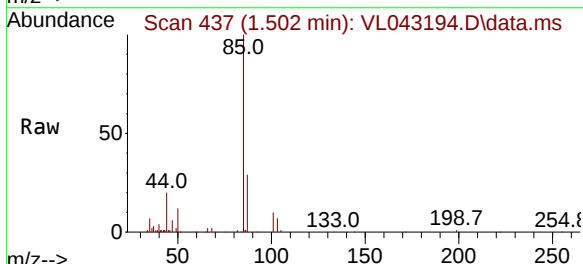
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1

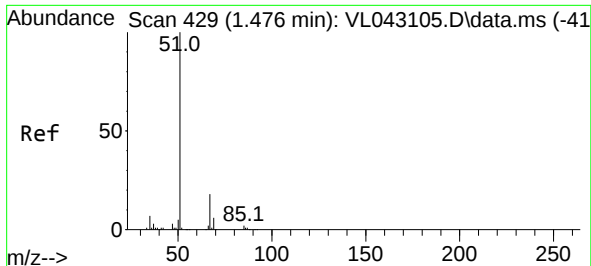
Tgt Ion: 49 Resp: 144607
Ion Ratio Lower Upper
49 100
128 45.7 24.4 73.4
130 58.9 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 0.416 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 85 Resp: 8556
Ion Ratio Lower Upper
85 100
87 29.4 25.3 37.9

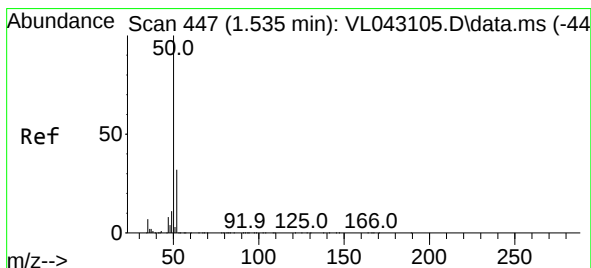
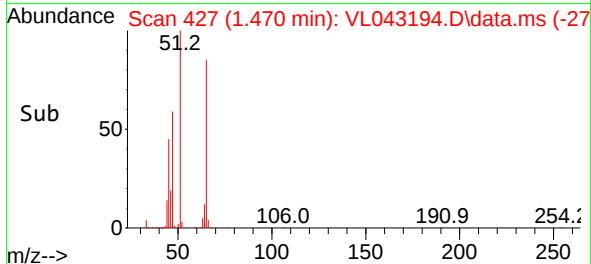
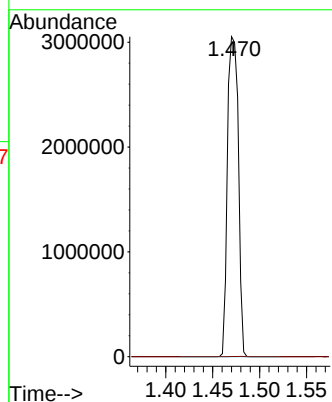
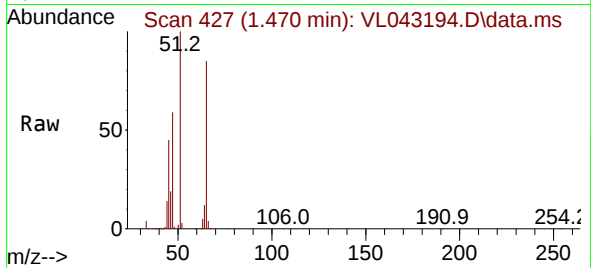




#3
Chlorodifluoromethane
Concen: 110.496 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

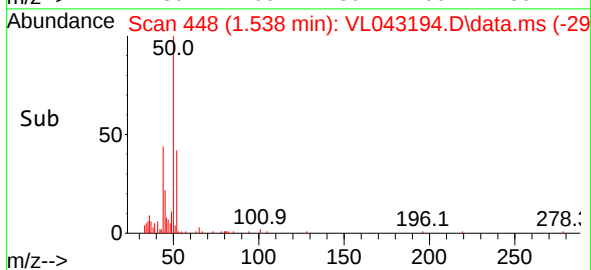
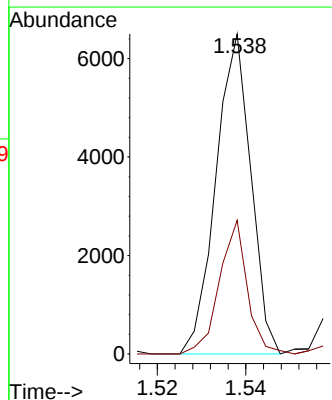
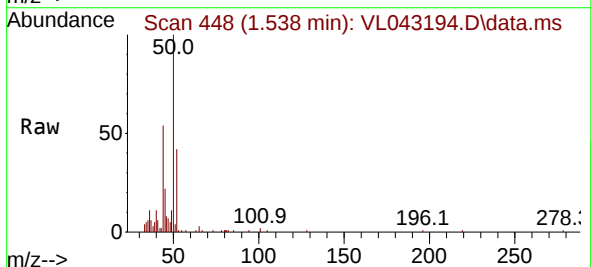
Instrument :
MSVOA_1
ClientSampleId :
UNIT-7-IA-1

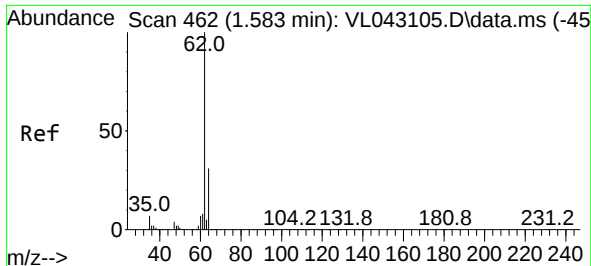
Tgt Ion: 51 Resp: 2457742
Ion Ratio Lower Upper
51 100
67 0.1 15.1 22.7#



#4
Chloromethane
Concen: 0.437 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 50 Resp: 3563
Ion Ratio Lower Upper
50 100
52 41.7 25.2 37.8#

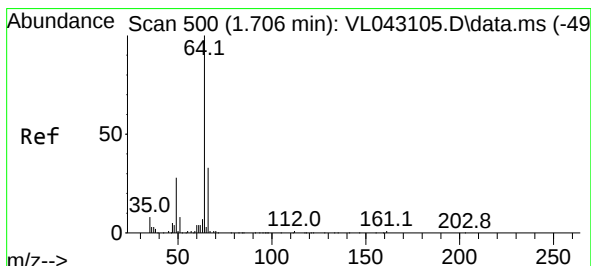
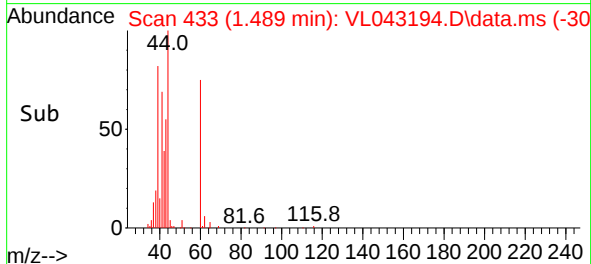
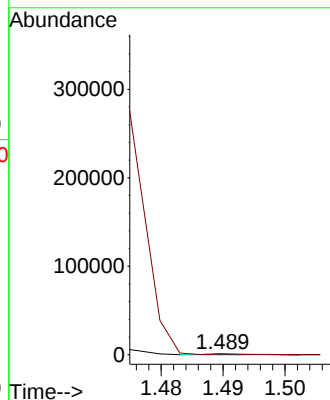
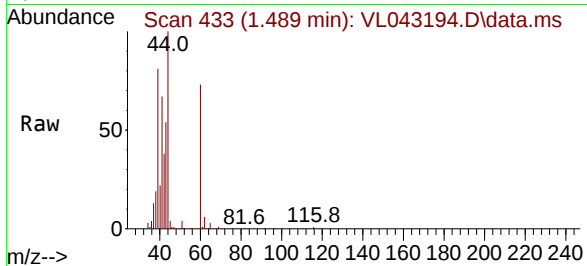




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.094 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

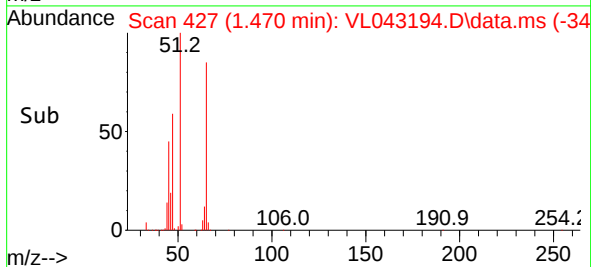
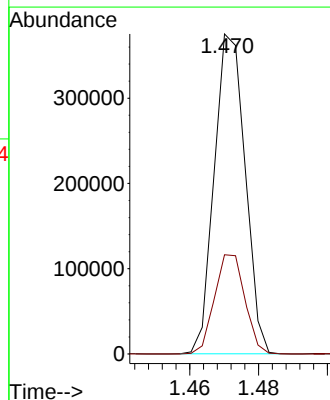
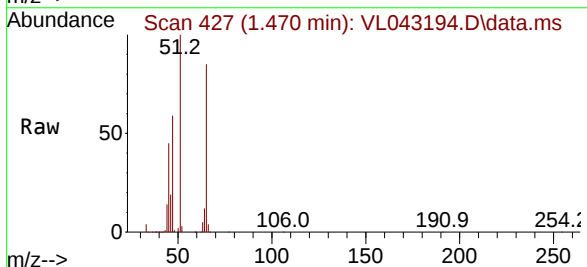
Instrument :
 MSVOA_1
 ClientSampleId :
 UNIT-7-IA-1

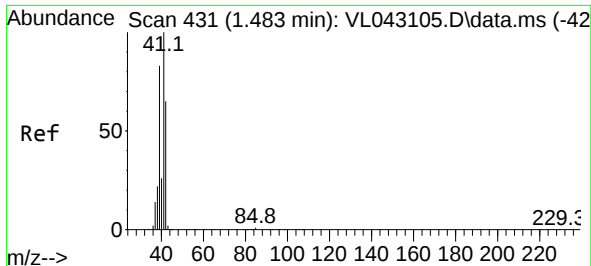
Tgt Ion: 62 Resp: 364
 Ion Ratio Lower Upper
 62 100
 64 47.0 24.6 36.8#



#7
 Chloroethane
 Concen: 71.666 ppbv
 RT: 1.470 min Scan# 427
 Delta R.T. -0.236 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

Tgt Ion: 64 Resp: 234059
 Ion Ratio Lower Upper
 64 100
 66 31.0 26.0 39.0





#9

Propene

Concen: 0.788 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

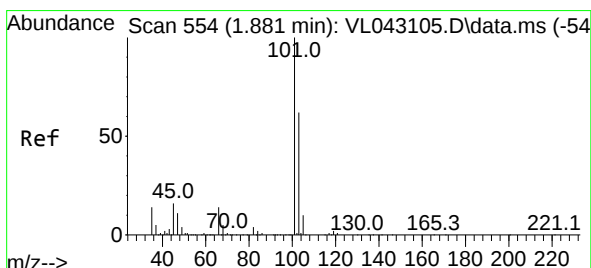
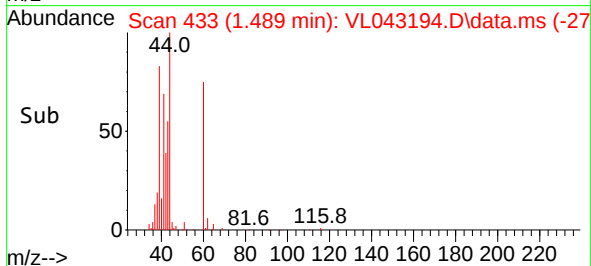
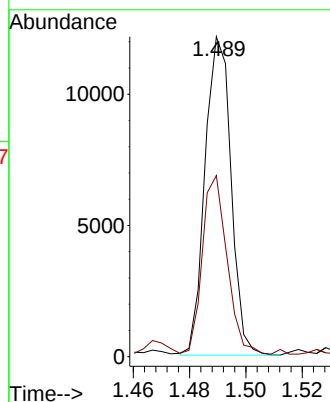
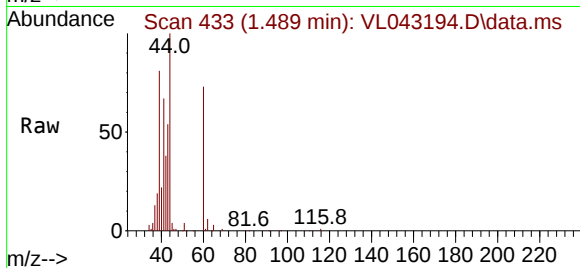
UNIT-7-IA-1

Tgt Ion: 41 Resp: 7778

Ion Ratio Lower Upper

41 100

42 66.8 55.1 82.7



#11

Trichlorofluoromethane

Concen: 0.297 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.003 min

Lab File: VL043194.D

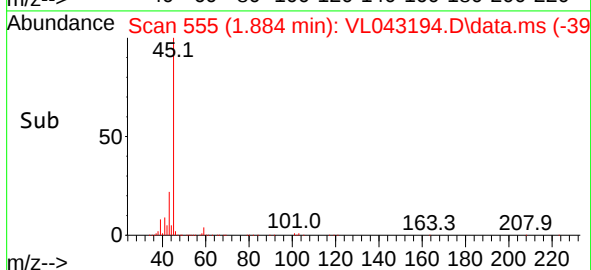
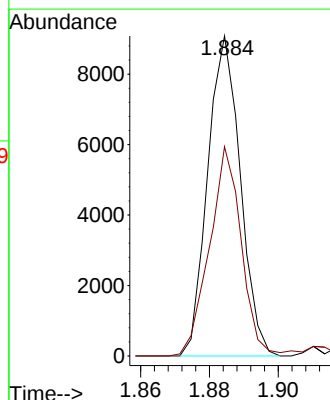
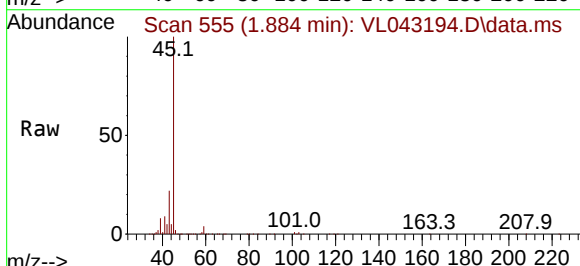
Acq: 13 Nov 2025 11:52

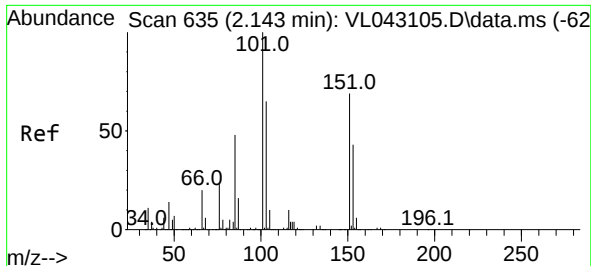
Tgt Ion: 101 Resp: 5979

Ion Ratio Lower Upper

101 100

103 64.8 49.3 73.9





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.074 ppbv

RT: 2.150 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

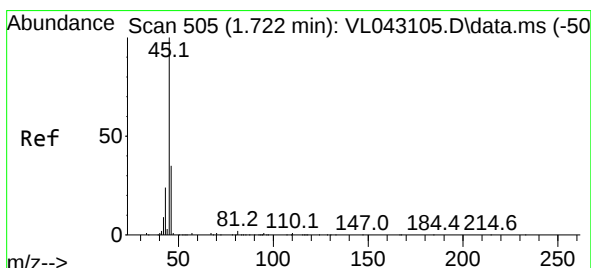
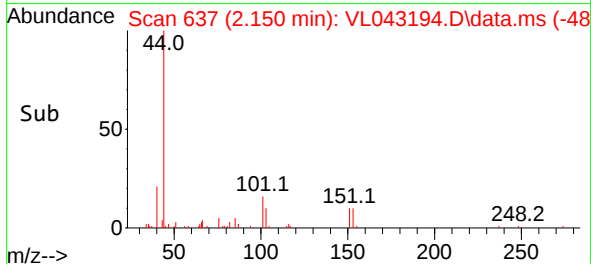
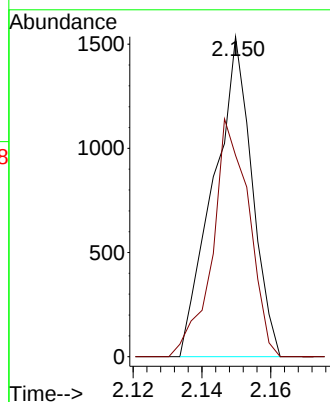
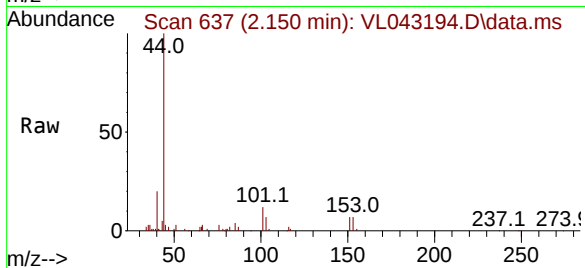
UNIT-7-IA-1

Tgt Ion:101 Resp: 1193

Ion Ratio Lower Upper

101 100

151 70.2 54.7 82.1



#13

Ethanol

Concen: 145.204 ppbv

RT: 1.726 min Scan# 506

Delta R.T. 0.003 min

Lab File: VL043194.D

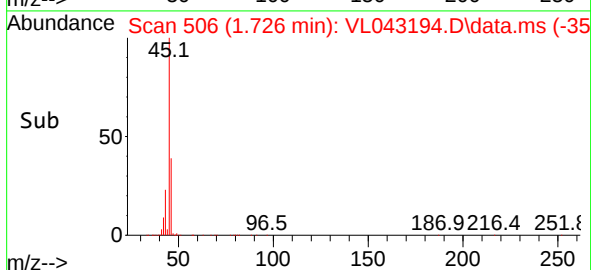
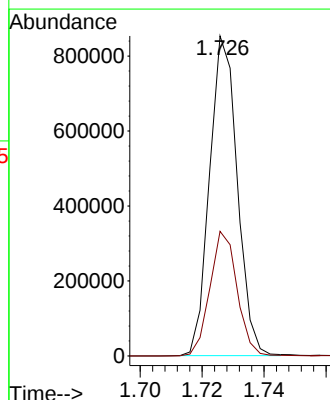
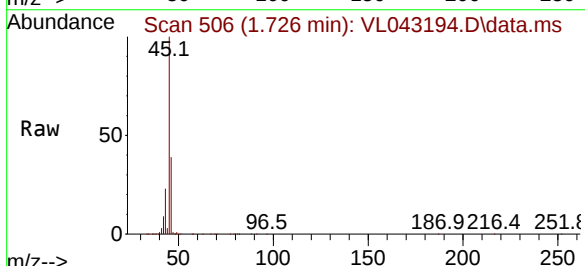
Acq: 13 Nov 2025 11:52

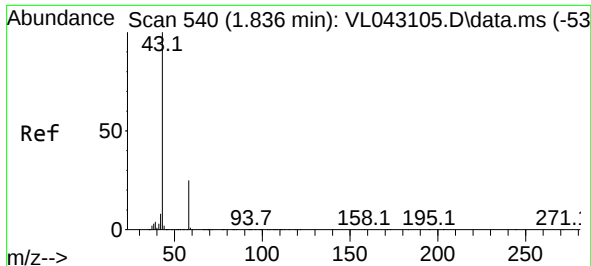
Tgt Ion: 45 Resp: 529858

Ion Ratio Lower Upper

45 100

46 38.6 14.7 58.9

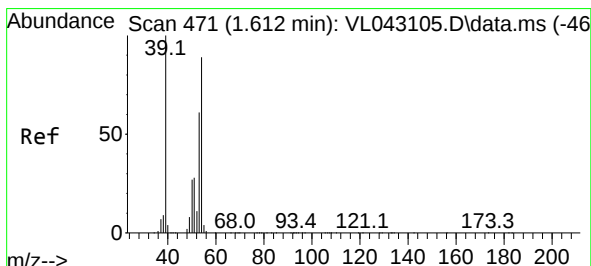
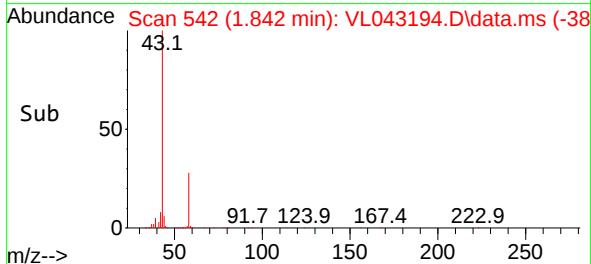
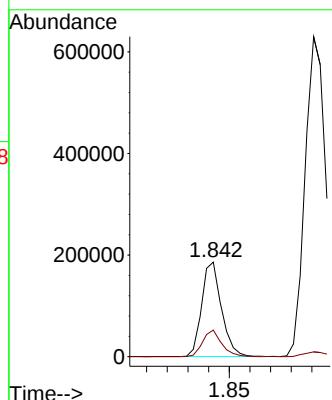
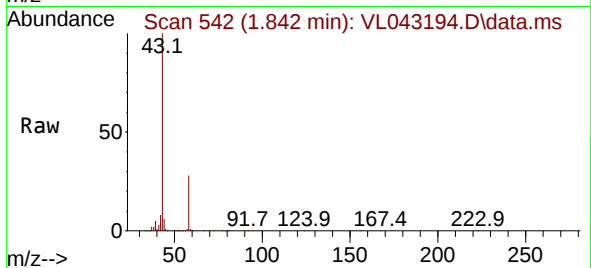




#15
Acetone
Concen: 6.350 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

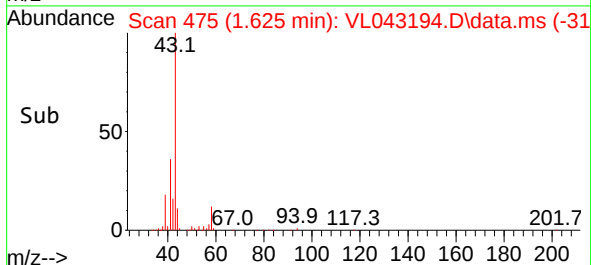
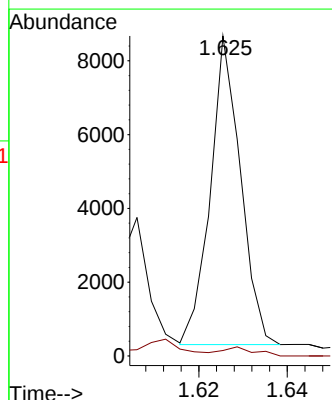
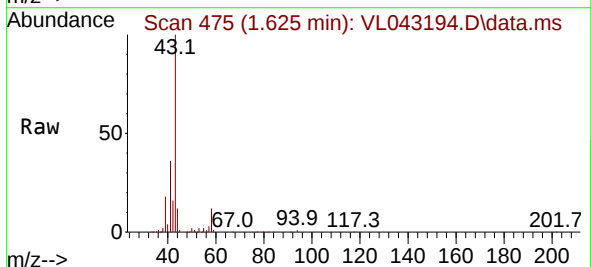
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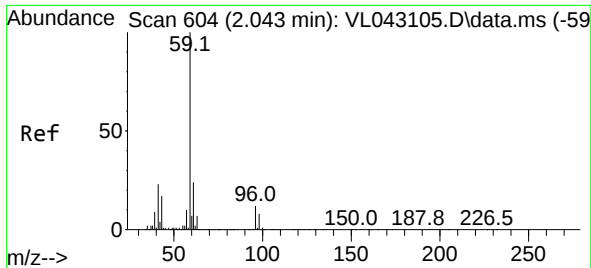
Tgt Ion: 43 Resp: 123766
Ion Ratio Lower Upper
43 100
58 27.3 20.8 31.2



#16
1,3-Butadiene
Concen: 0.427 ppbv
RT: 1.625 min Scan# 475
Delta R.T. 0.013 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 39 Resp: 3970
Ion Ratio Lower Upper
39 100
54 10.8 59.0 88.4#





#17

tert-Butyl alcohol

Concen: 0.276 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.007 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_1

ClientSampleId :

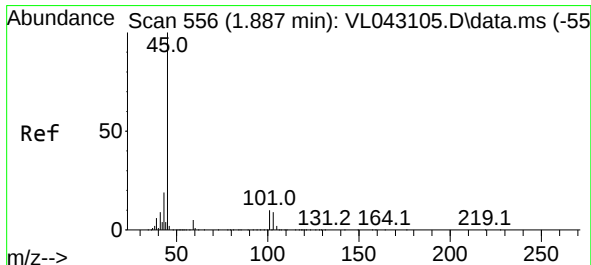
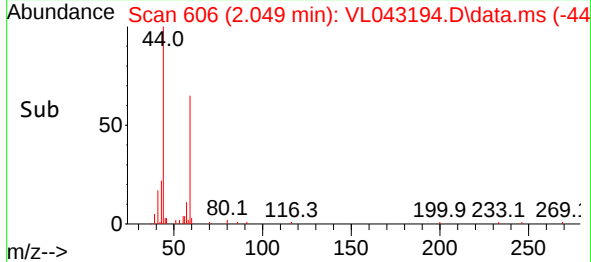
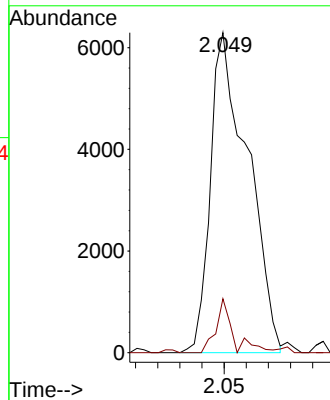
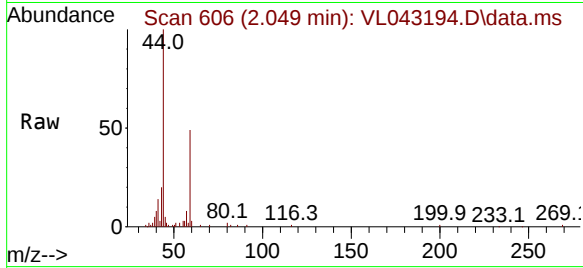
UNIT-7-IA-1

Tgt Ion: 59 Resp: 7384

Ion Ratio Lower Upper

59 100

57 351.5 8.2 12.4#



#19

Isopropyl Alcohol

Concen: 146.290 ppbv

RT: 1.891 min Scan# 557

Delta R.T. 0.003 min

Lab File: VL043194.D

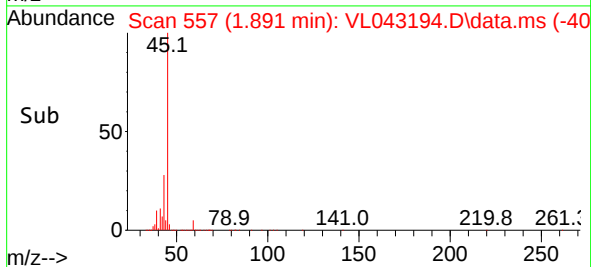
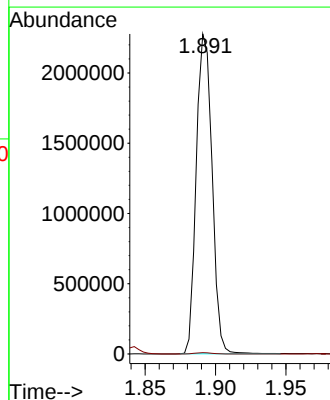
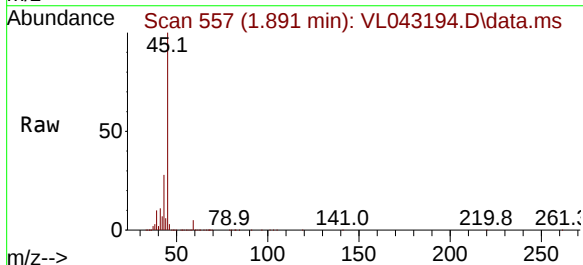
Acq: 13 Nov 2025 11:52

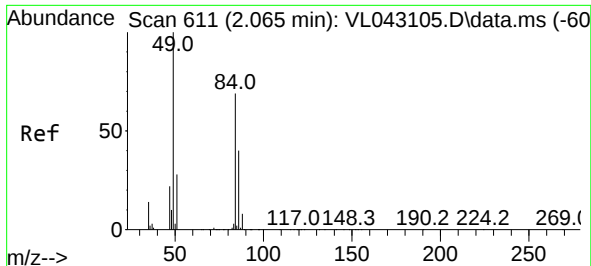
Tgt Ion: 45 Resp: 1775861

Ion Ratio Lower Upper

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58 0.4 31.3 46.9#

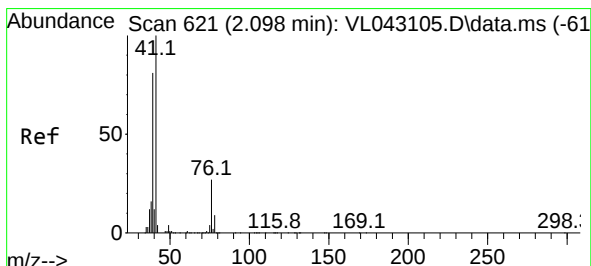
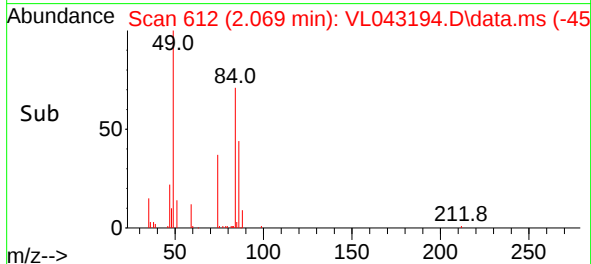
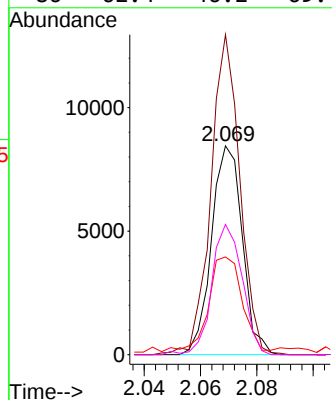
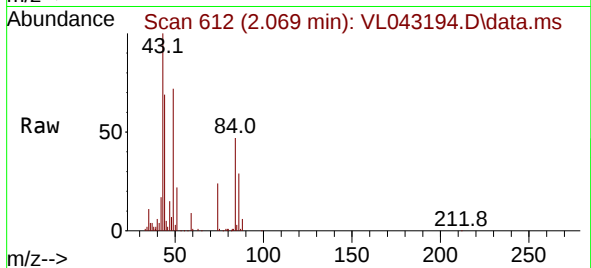




#20
Methylene Chloride
Concen: 0.834 ppbv
RT: 2.069 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

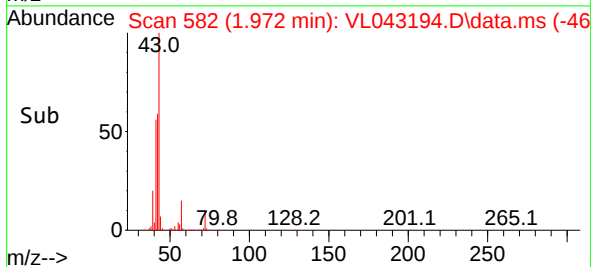
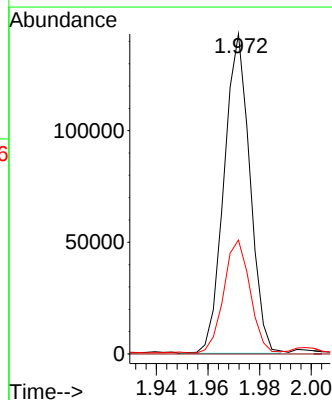
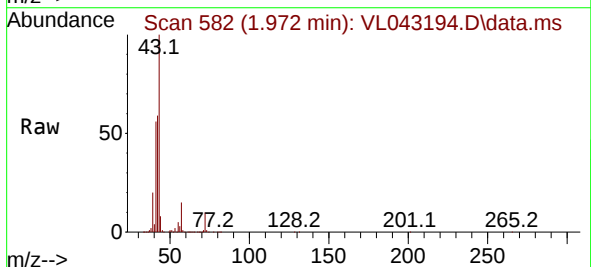
Instrument :
MSVOA_1
ClientSampleId :
UNIT-7-IA-1

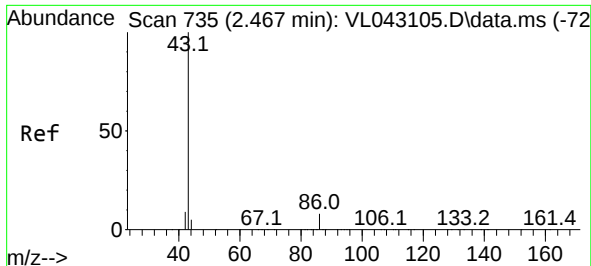
Tgt Ion:	84	Resp:	6423
Ion	Ratio	Lower	Upper
84	100		
49	152.6	116.6	175.0
51	44.2	34.8	52.2
86	62.4	46.2	69.4



#21
Allyl Chloride
Concen: 6.940 ppbv
RT: 1.972 min Scan# 582
Delta R.T. -0.126 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

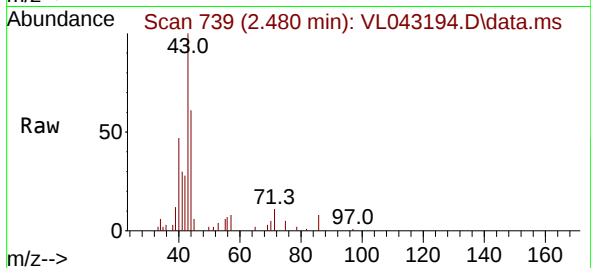
Tgt Ion:	41	Resp:	99676
Ion	Ratio	Lower	Upper
41	100		
76	1.2	21.5	32.3#
39	38.6	60.8	91.2#



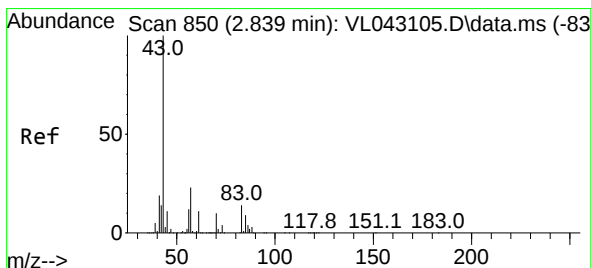
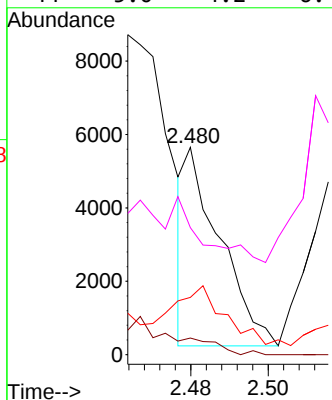
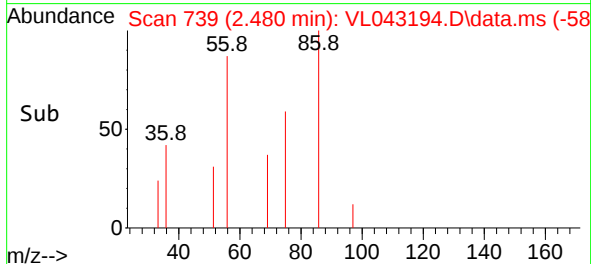


#23
 Vinyl Acetate
 Concen: 0.119 ppbv
 RT: 2.480 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

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

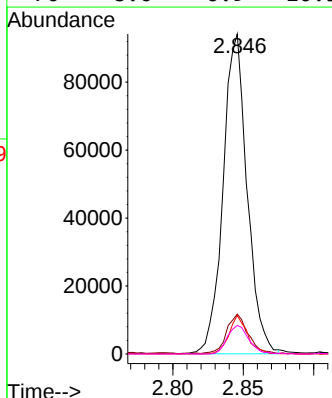
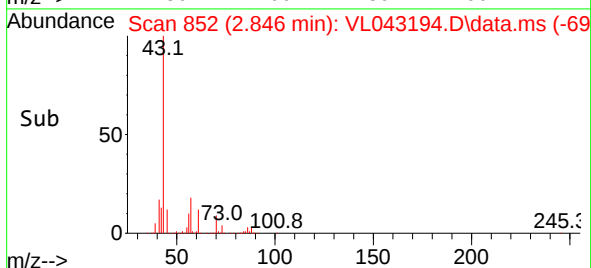
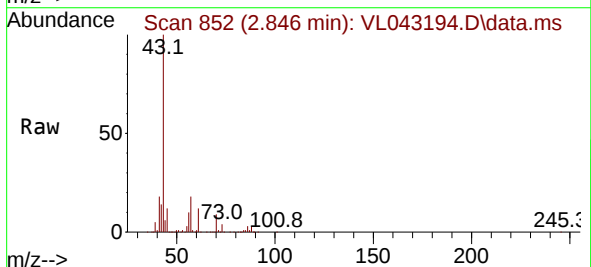


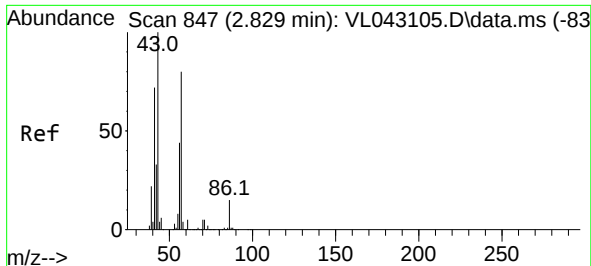
Tgt Ion: 43	Resp: 3399
Ion Ratio	Lower Upper
43 100	
86 8.4	6.2 9.2
42 21.4	7.6 11.4#
44 5.0	4.2 6.4



#25
 Ethyl Acetate
 Concen: 2.313 ppbv
 RT: 2.846 min Scan# 852
 Delta R.T. 0.007 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

Tgt Ion: 43	Resp: 111799
Ion Ratio	Lower Upper
43 100	
45 11.5	7.8 11.8
61 9.3	7.0 10.6
70 8.0	6.9 10.3

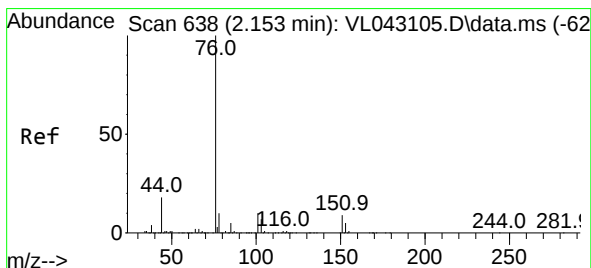
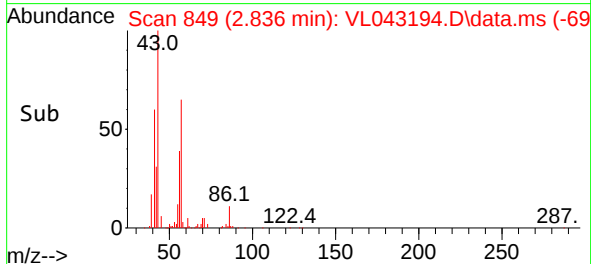
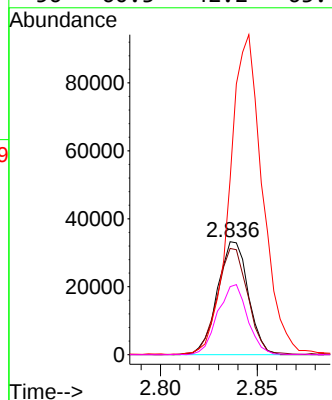
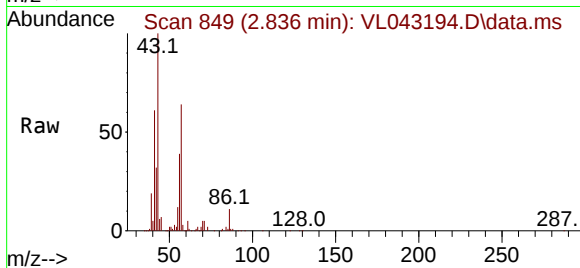




#26
Hexane
Concen: 1.648 ppbv
RT: 2.836 min Scan# 847
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

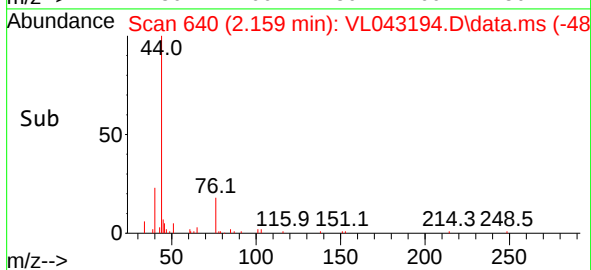
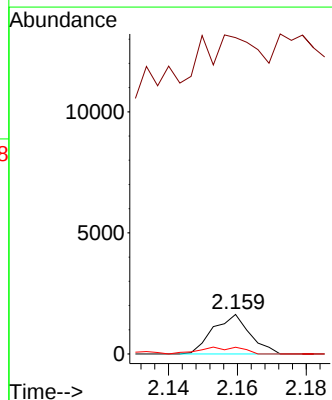
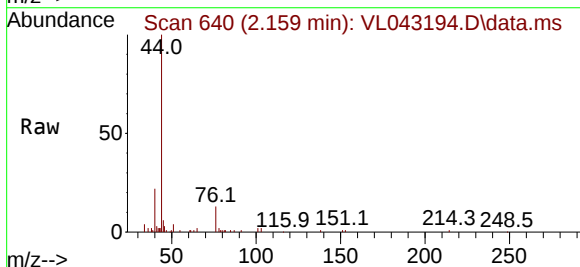
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1

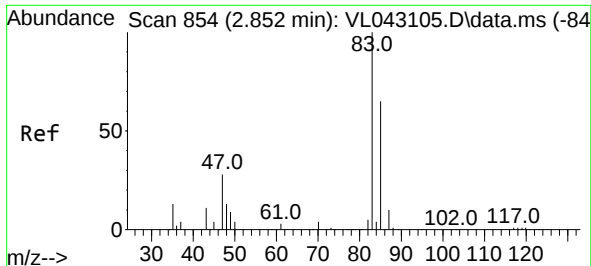
Tgt Ion:	57	Resp:	36703
Ion	Ratio	Lower	Upper
57	100		
41	95.9	71.4	107.0
43	307.6	178.5	267.7#
56	60.3	42.2	63.4



#27
Carbon Disulfide
Concen: 0.059 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion:	76	Resp:	1208
Ion	Ratio	Lower	Upper
76	100		
44	0.0	16.7	25.1#
78	23.8	9.3	13.9#





#29

Chloroform

Concen: 0.037 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.003 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

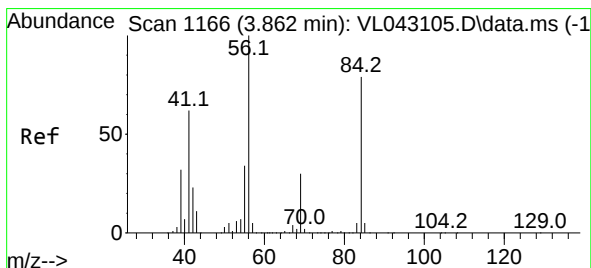
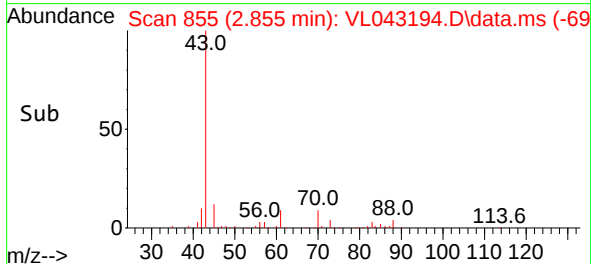
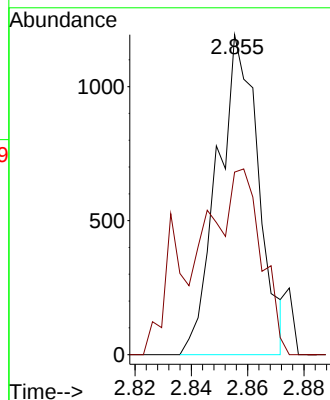
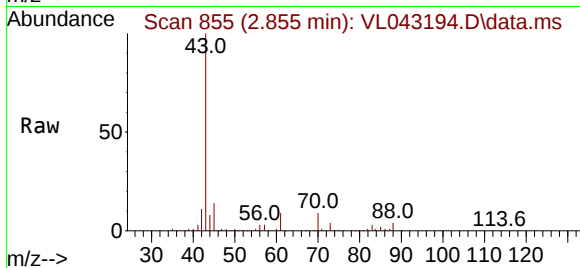
UNIT-7-IA-1

Tgt Ion: 83 Resp: 1202

Ion Ratio Lower Upper

83 100

85 44.3 51.8 77.6#



#30

Cyclohexane

Concen: 0.050 ppbv

RT: 3.872 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

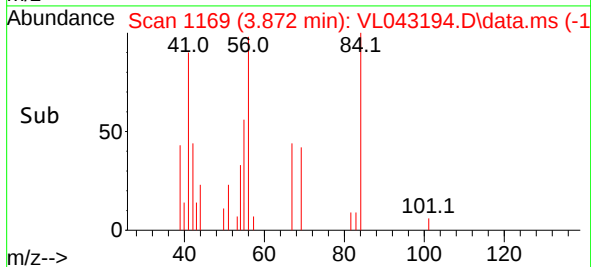
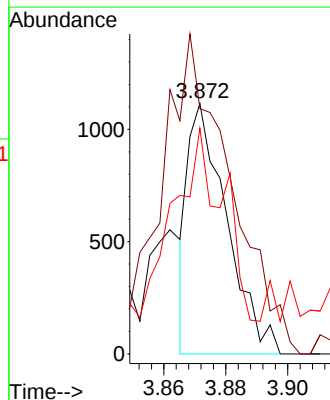
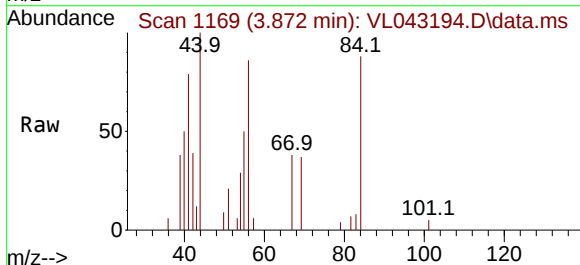
Tgt Ion: 84 Resp: 970

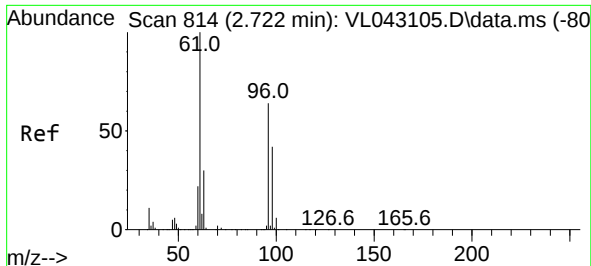
Ion Ratio Lower Upper

84 100

56 239.8 100.9 151.3#

41 122.6 63.8 95.6#

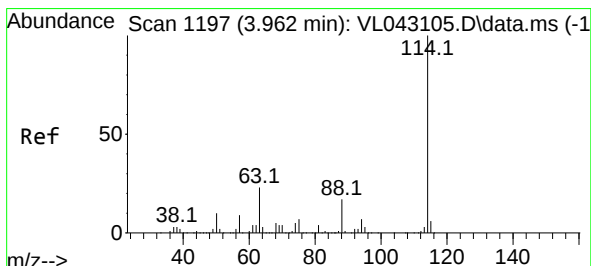
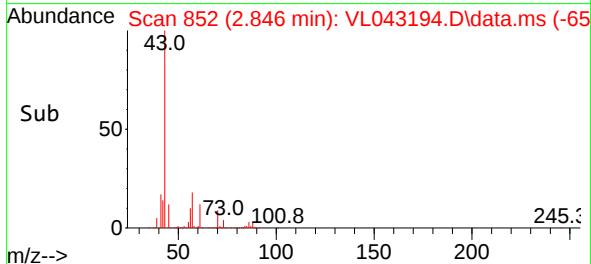
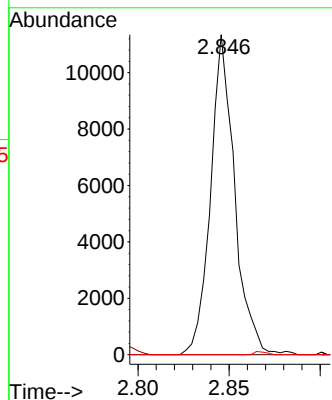
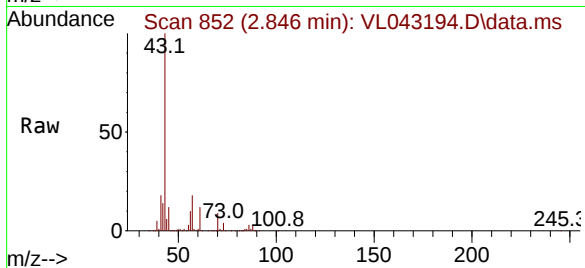




#31
 cis-1,2-Dichloroethene
 Concen: 0.489 ppbv
 RT: 2.846 min Scan# 814
 Delta R.T. 0.123 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

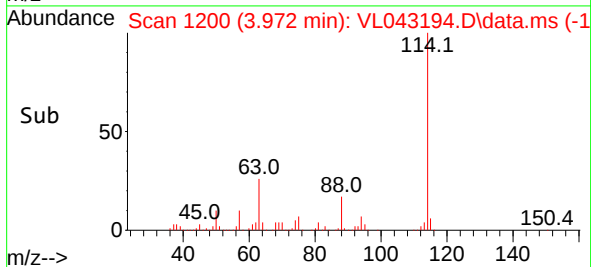
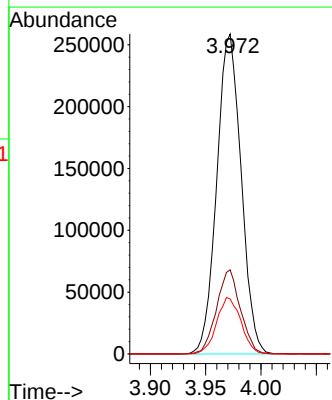
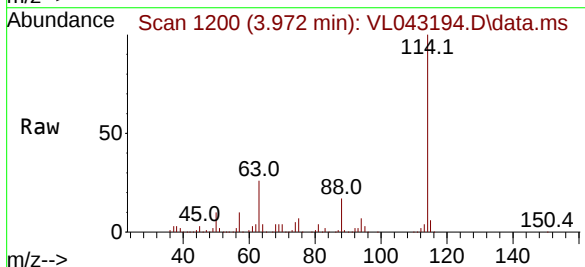
Instrument :
 MSVOA_L
 ClientSampleId :
 UNIT-7-IA-1

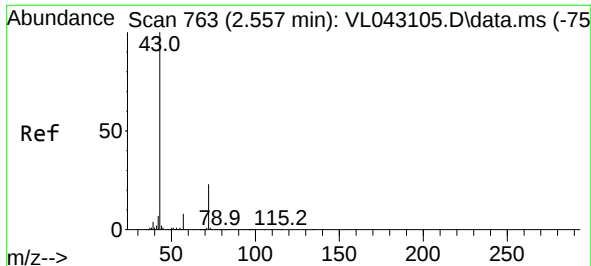
Tgt Ion: 61 Resp: 10409
 Ion Ratio Lower Upper
 61 100
 96 0.0 51.0 76.6#
 98 0.0 33.5 50.3#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.972 min Scan# 1200
 Delta R.T. 0.010 min
 Lab File: VL043194.D
 Acq: 13 Nov 2025 11:52

Tgt Ion: 114 Resp: 396555
 Ion Ratio Lower Upper
 114 100
 63 25.8 19.3 28.9
 88 17.6 13.9 20.9

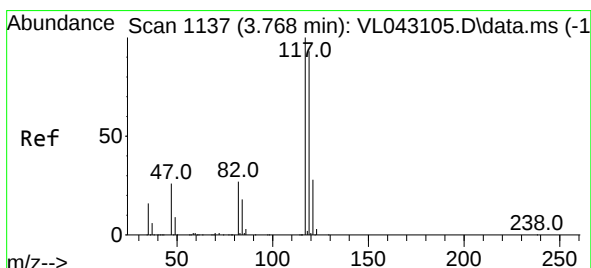
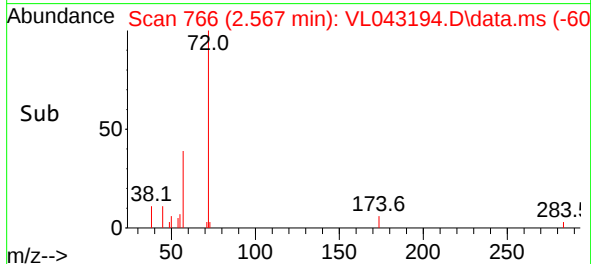
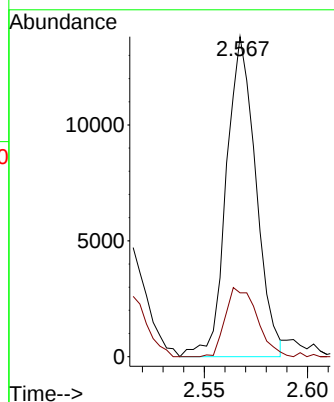
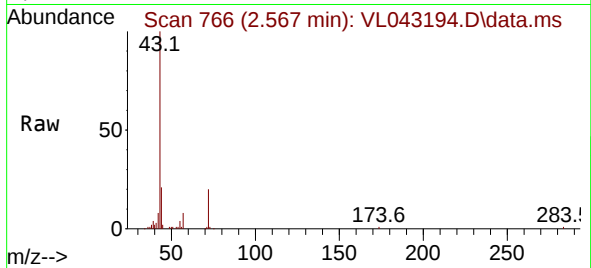




#34
2-Butanone
Concen: 0.515 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

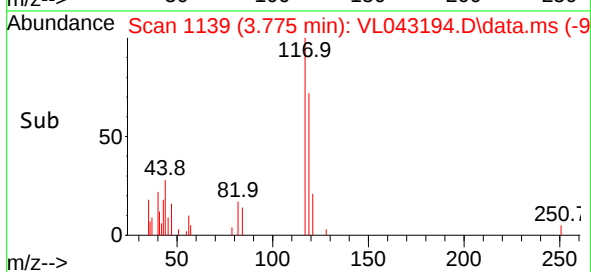
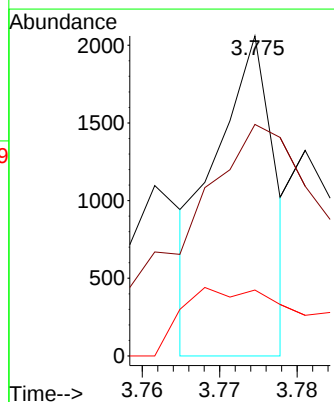
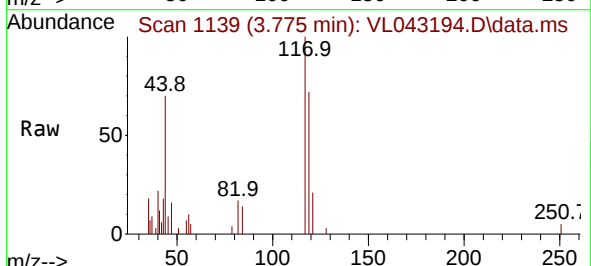
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1

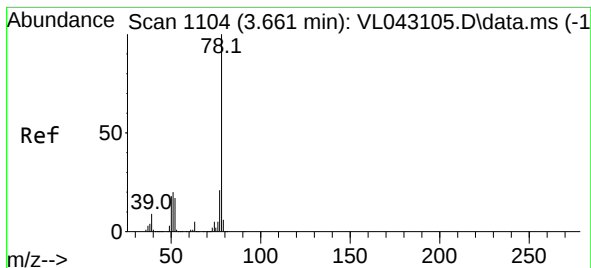
Tgt Ion: 43 Resp: 13729
Ion Ratio Lower Upper
43 100
72 23.5 18.4 27.6



#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 3.775 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 117 Resp: 1110
Ion Ratio Lower Upper
117 100
119 74.8 74.1 111.1
121 11.1 22.2 33.2#





#36

Benzene

Concen: 0.199 ppbv

RT: 3.668 min Scan# 1106

Delta R.T. 0.007 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_1

ClientSampleId :

UNIT-7-IA-1

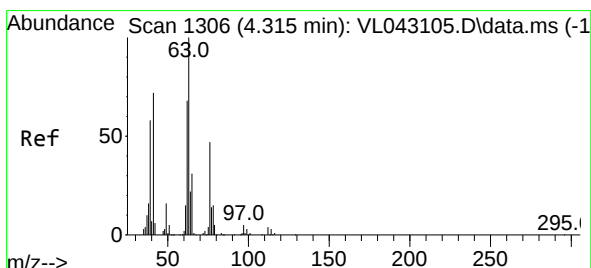
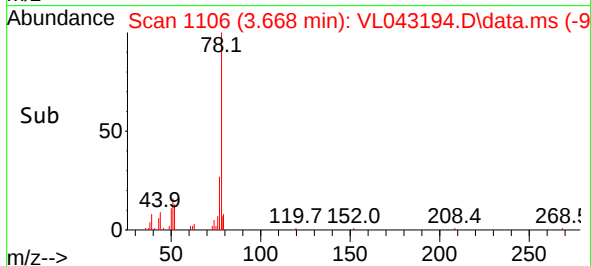
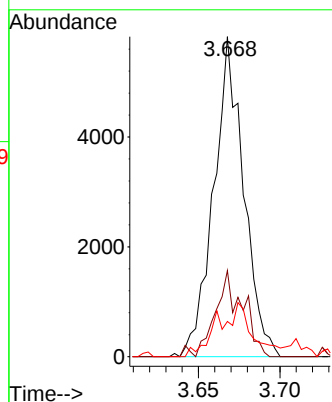
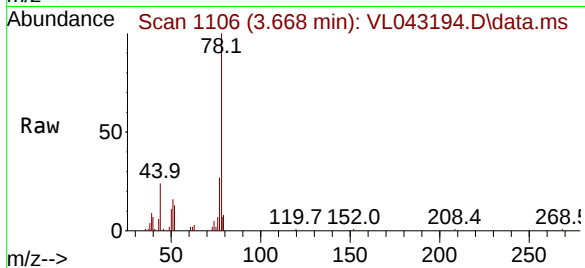
Tgt Ion: 78 Resp: 7434

Ion Ratio Lower Upper

78 100

77 26.9 17.0 25.6#

50 11.0 14.6 22.0#



#39

1,2-Dichloropropane

Concen: 7.477 ppbv

RT: 3.972 min Scan# 1200

Delta R.T. -0.343 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

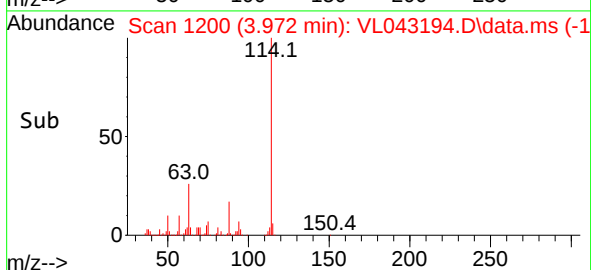
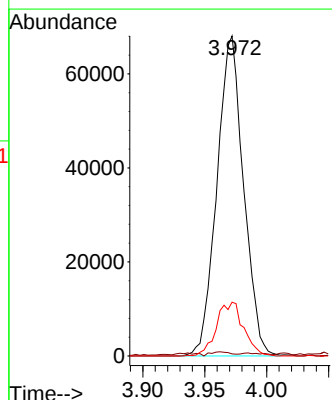
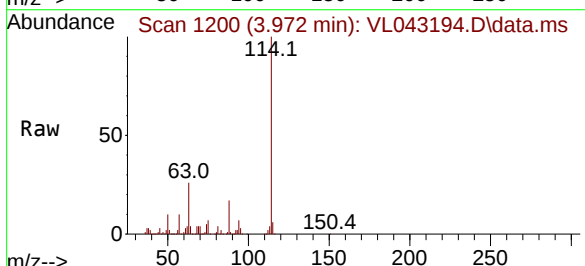
Tgt Ion: 63 Resp: 102088

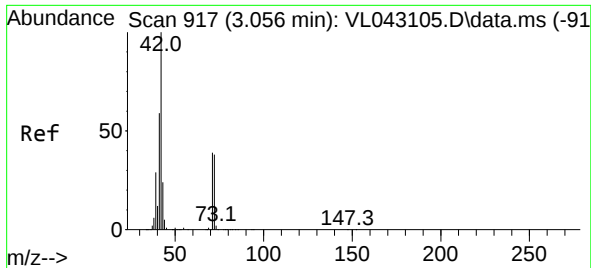
Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 16.8 54.7 82.1#

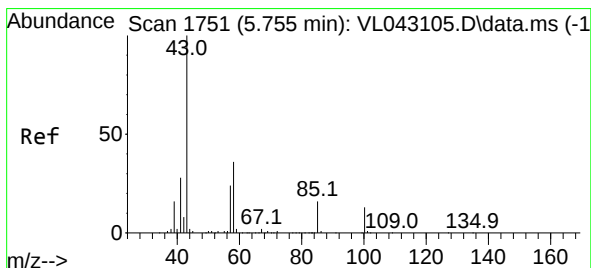
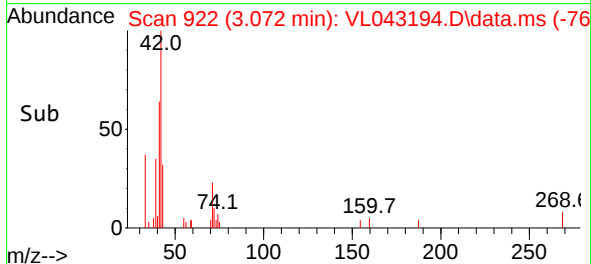
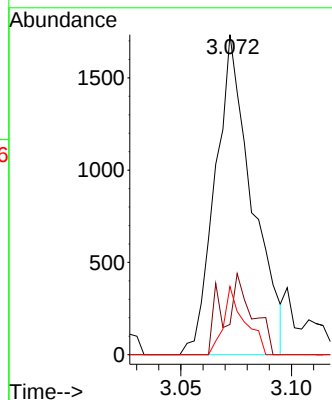
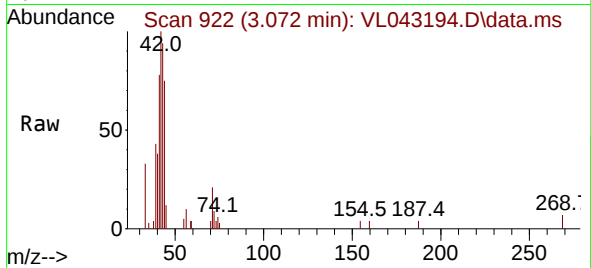




#41
Tetrahydrofuran
Concen: 0.135 ppbv
RT: 3.072 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

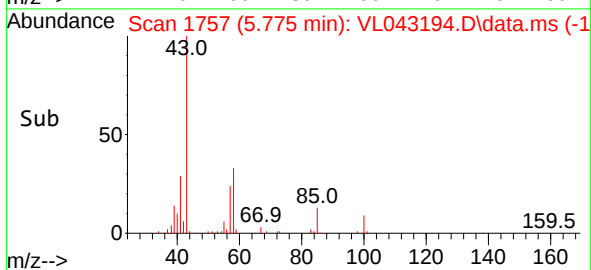
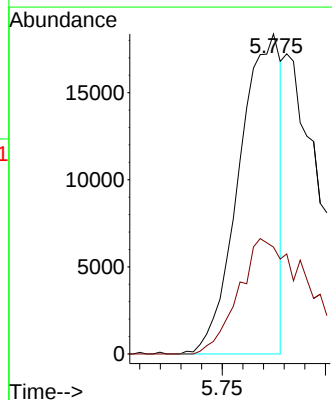
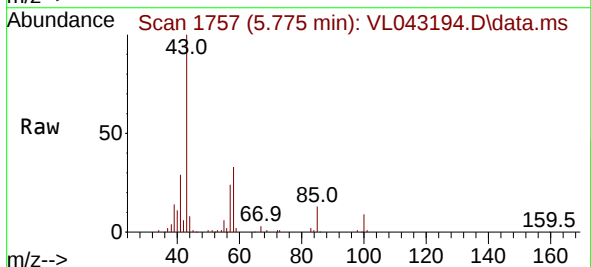
Instrument :
MSVOA_L
ClientSampleId :
UNIT-7-IA-1

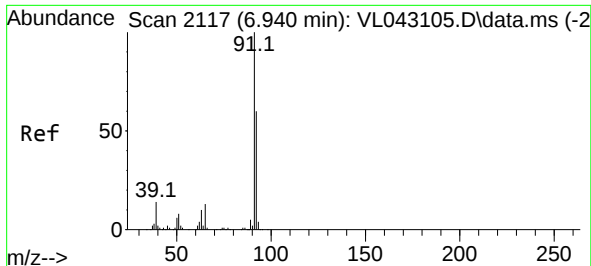
Tgt Ion: 42	Resp: 2006
Ion Ratio	Lower Upper
42 100	
72 19.6	31.3 46.9#
71 12.2	30.4 45.6#



#50
4-Methyl-2-Pentanone
Concen: 0.695 ppbv
RT: 5.775 min Scan# 1757
Delta R.T. 0.020 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 43	Resp: 25552
Ion Ratio	Lower Upper
43 100	
58 64.2	29.1 43.7#

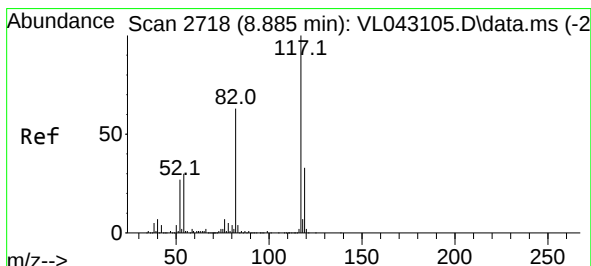
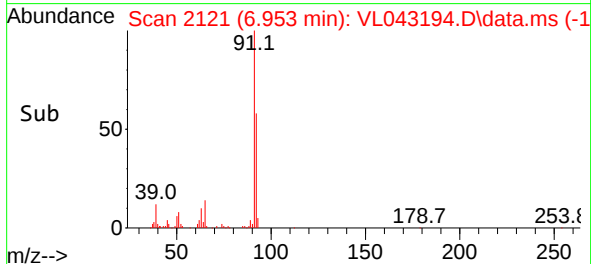
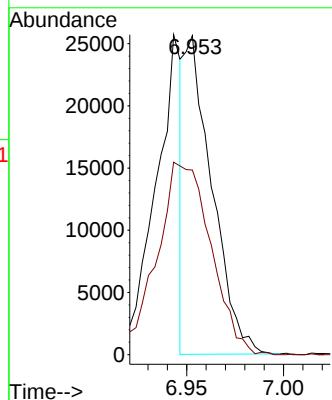
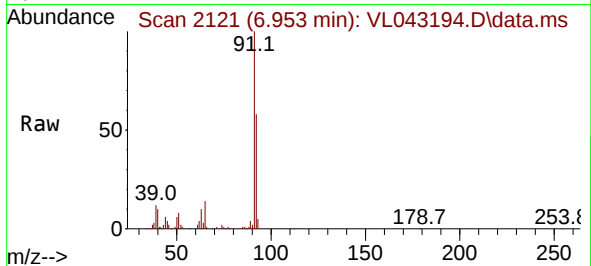




#53
Toluene
Concen: 0.575 ppbv
RT: 6.953 min Scan# 2117
Delta R.T. 0.013 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

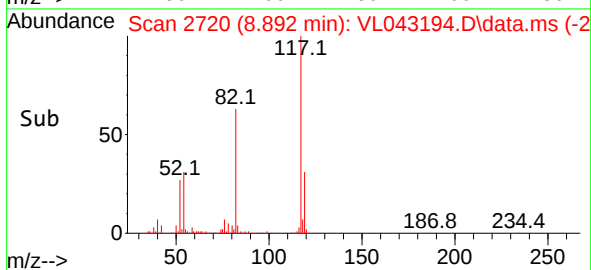
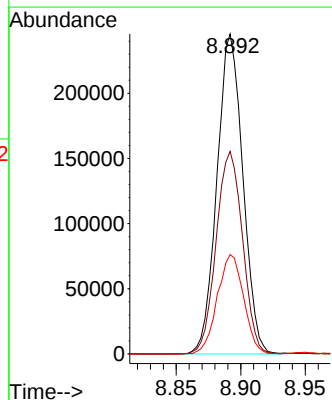
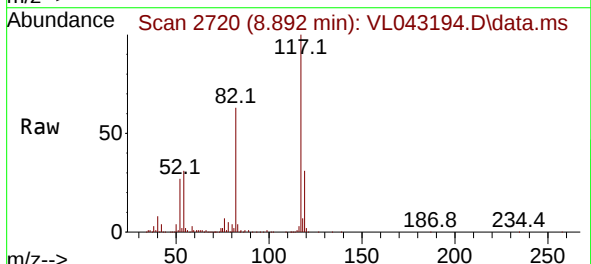
Instrument :
MSVOA_1
ClientSampleId :
UNIT-7-IA-1

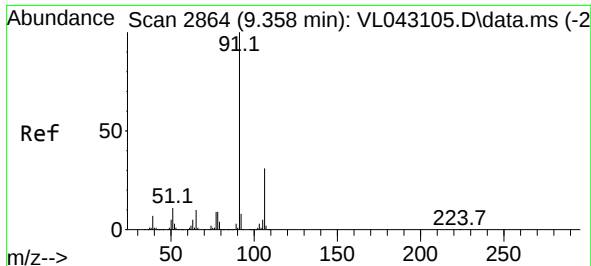
Tgt Ion: 91 Resp: 25505
Ion Ratio Lower Upper
91 100
92 0.0 48.8 73.2#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 2720
Delta R.T. 0.007 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 117 Resp: 342186
Ion Ratio Lower Upper
117 100
82 64.6 53.8 80.8
119 31.6 25.4 38.0





#58

Ethyl Benzene

Concen: 0.305 ppbv

RT: 9.367 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_L

ClientSampleId :

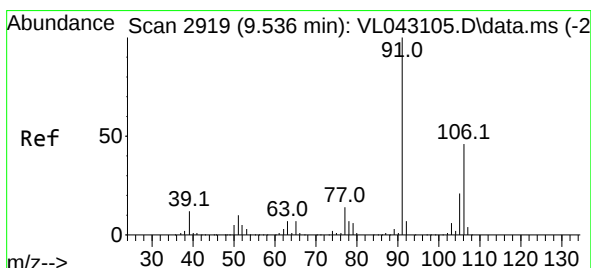
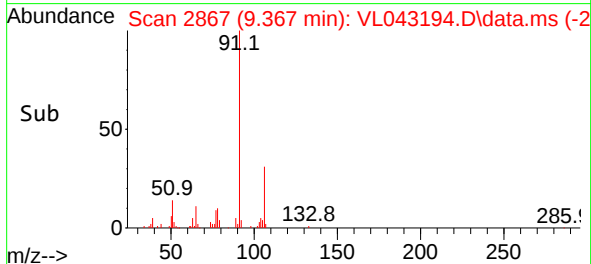
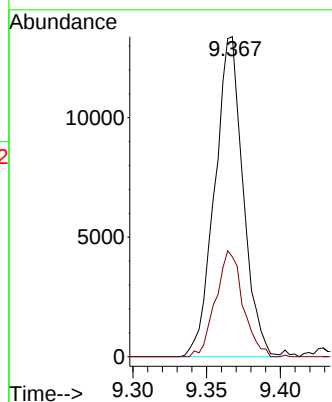
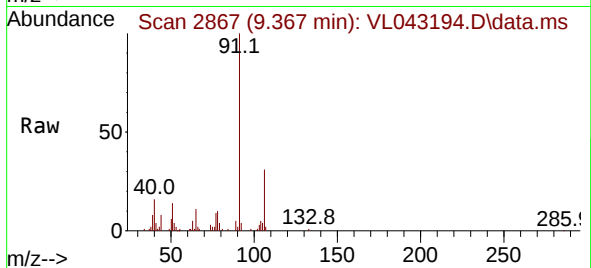
UNIT-7-IA-1

Tgt Ion: 91 Resp: 17904

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#59

m/p-Xylene

Concen: 0.054 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. 0.007 min

Lab File: VL043194.D

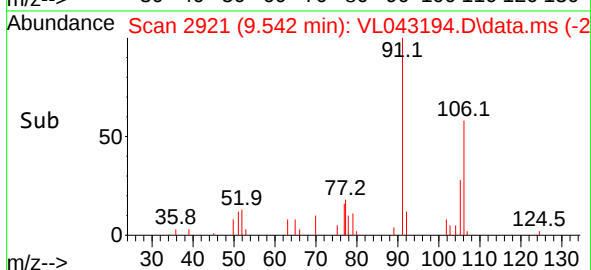
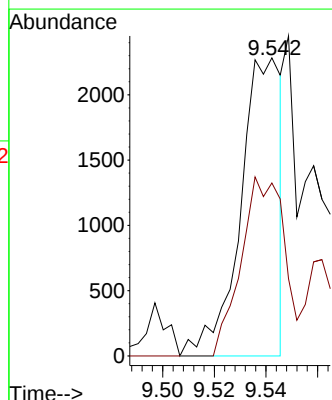
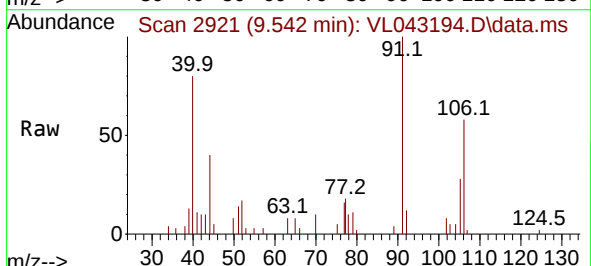
Acq: 13 Nov 2025 11:52

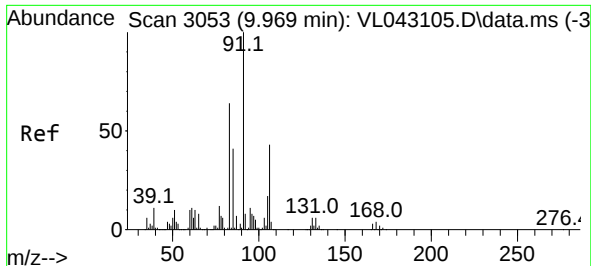
Tgt Ion: 91 Resp: 2509

Ion Ratio Lower Upper

91 100

106 87.9 38.0 57.0#

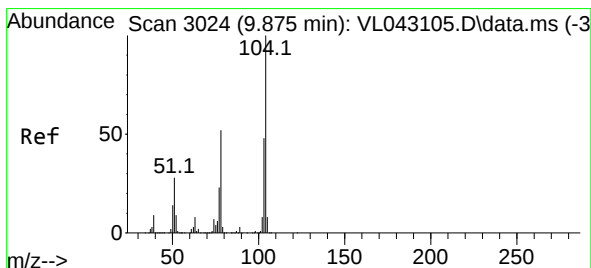
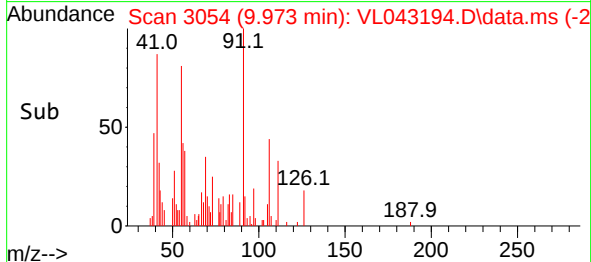
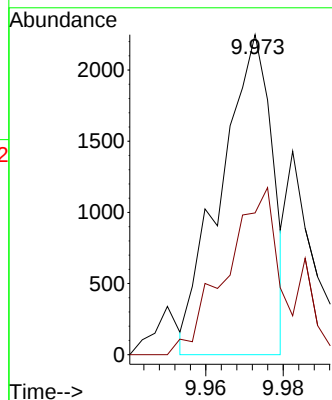
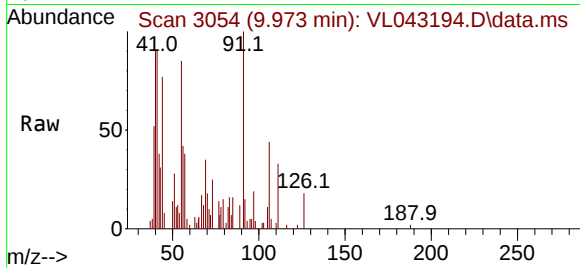




#60
o-Xylene
Concen: 0.045 ppbv
RT: 9.973 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

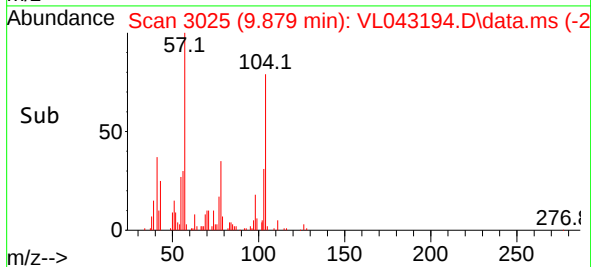
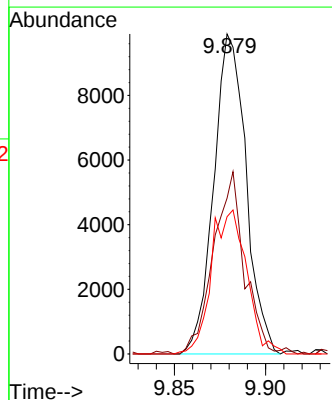
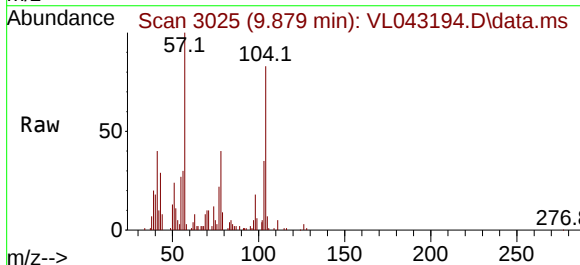
Instrument :
MSVOA_1
ClientSampleId :
UNIT-7-IA-1

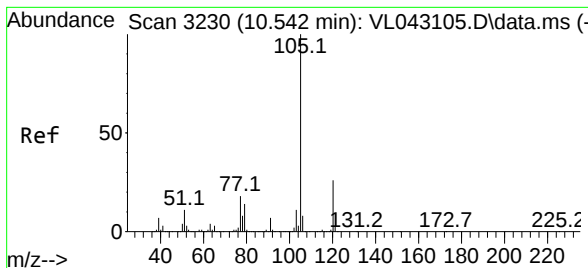
Tgt Ion: 91 Resp: 2099
Ion Ratio Lower Upper
91 100
106 60.8 21.9 65.8



#61
Styrene
Concen: 0.585 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion: 104 Resp: 12213
Ion Ratio Lower Upper
104 100
78 55.4 40.2 60.2
103 49.3 36.9 55.3





#62

Isopropylbenzene

Concen: 0.061 ppbv

RT: 10.549 min Scan# 3371

Delta R.T. 0.007 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_1

ClientSampleId :

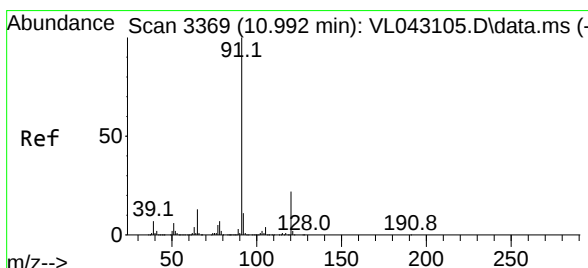
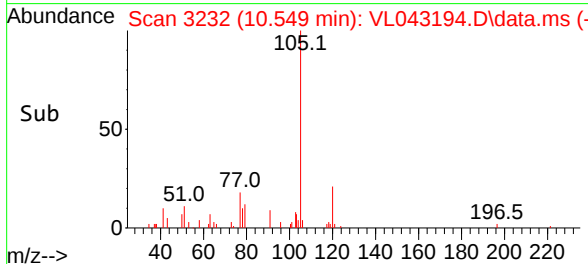
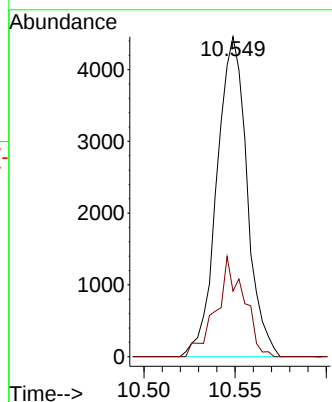
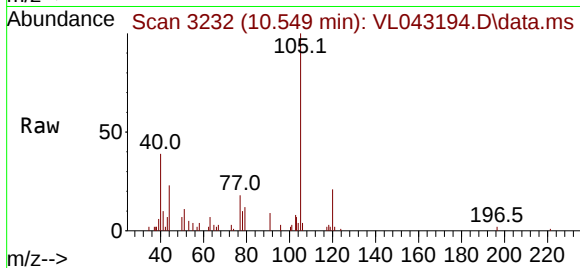
UNIT-7-IA-1

Tgt Ion:105 Resp: 5126

Ion Ratio Lower Upper

105 100

120 28.8 20.2 30.4



#64

n-propylbenzene

Concen: 0.042 ppbv

RT: 10.999 min Scan# 3371

Delta R.T. 0.007 min

Lab File: VL043194.D

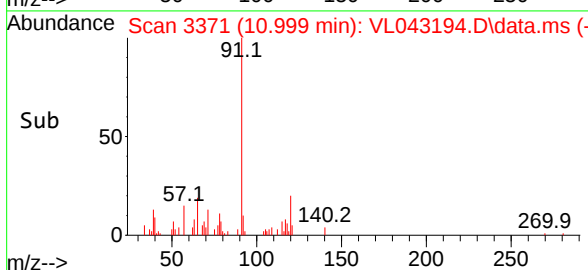
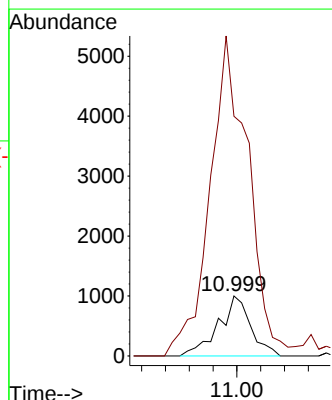
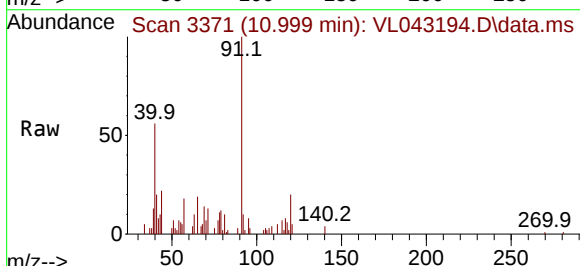
Acq: 13 Nov 2025 11:52

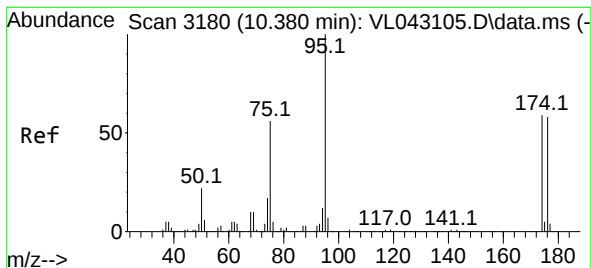
Tgt Ion:120 Resp: 935

Ion Ratio Lower Upper

120 100

91 683.5 361.6 542.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.466 ppbv

RT: 10.384 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Instrument :

MSVOA_1

ClientSampleId :

UNIT-7-IA-1

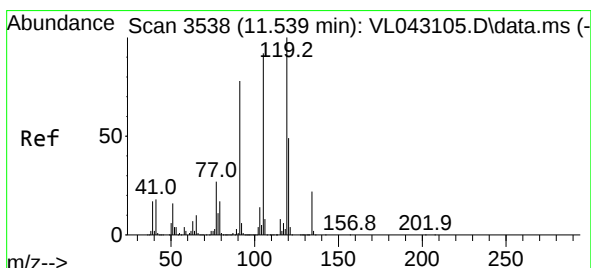
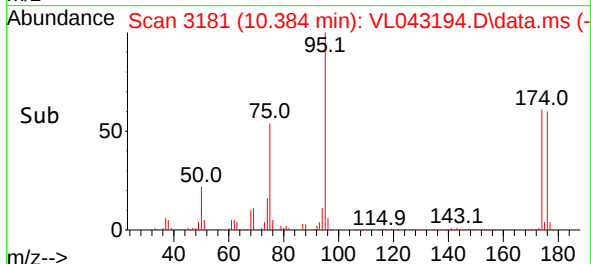
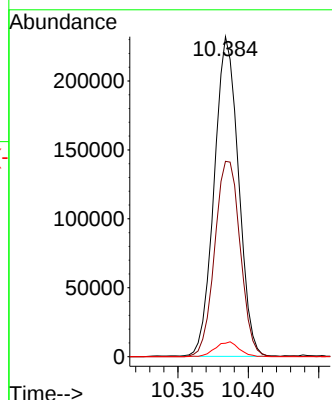
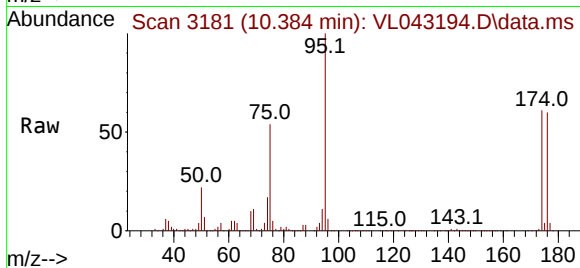
Tgt Ion: 95 Resp: 278374

Ion Ratio Lower Upper

95 100

174 64.4 48.3 72.5

175 4.6 3.8 5.8



#74

1,2,4-Trimethylbenzene

Concen: 0.049 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.003 min

Lab File: VL043194.D

Acq: 13 Nov 2025 11:52

Tgt Ion: 105 Resp: 2595

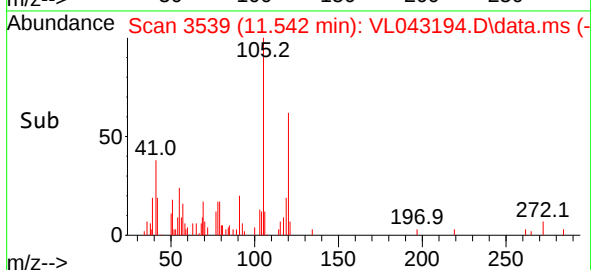
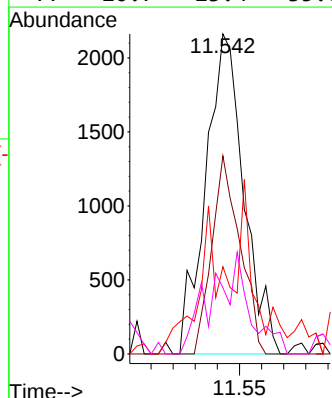
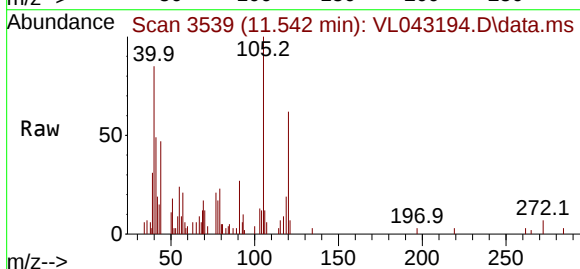
Ion Ratio Lower Upper

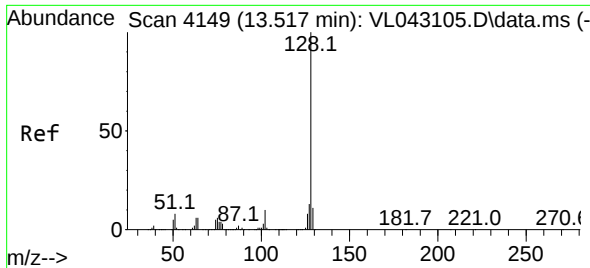
105 100

120 61.9 42.8 64.2

91 18.4 68.3 102.5#

77 20.7 23.4 35.0#

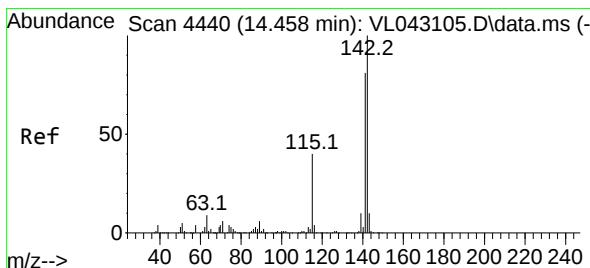
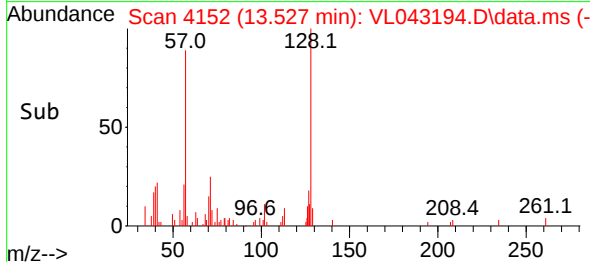
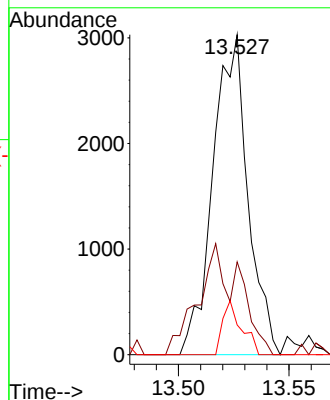
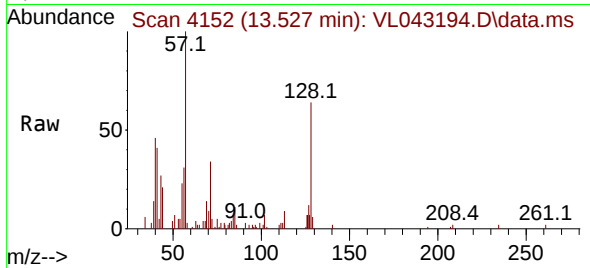




#79
Naphthalene
Concen: 0.061 ppbv
RT: 13.527 min Scan# 4149
Delta R.T. 0.010 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

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

Tgt Ion:128 Resp: 3328
Ion Ratio Lower Upper
128 100
127 29.0 10.5 15.7#
129 9.3 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.036 ppbv
RT: 14.472 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL043194.D
Acq: 13 Nov 2025 11:52

Tgt Ion:142 Resp: 510
Ion Ratio Lower Upper
142 100
141 139.4 64.6 97.0#
115 56.9 30.2 45.4#

