

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043243.D
 Acq On : 19 Nov 2025 17:13
 Operator : SY/MD
 Sample : Q3626-09 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 13-SG-1

Quant Time: Nov 20 00:07:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	101617	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	283781	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	218981	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	161224	10.044	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%

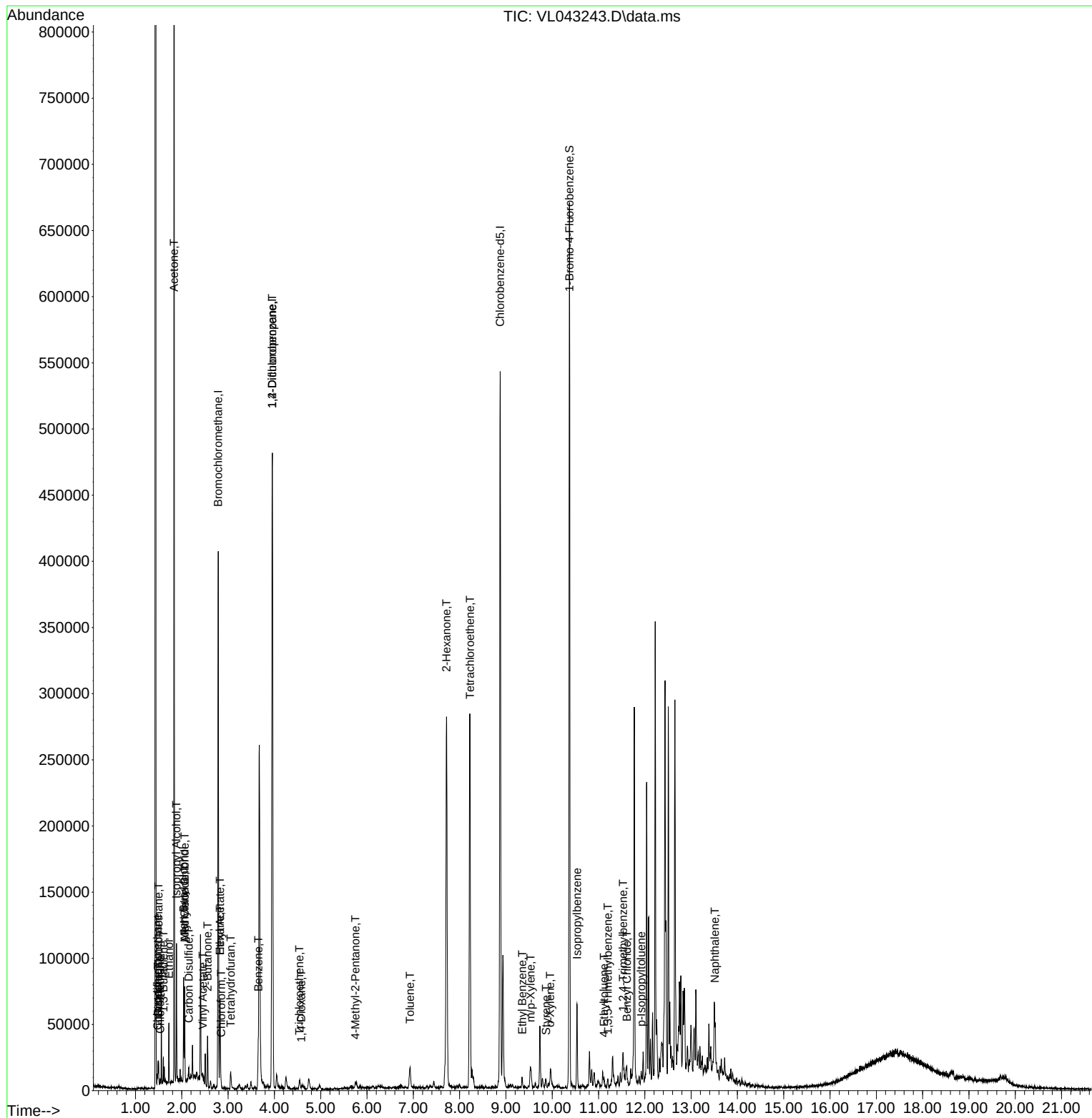
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	4141	0.289	ppbv	96
3) Chlorodifluoromethane	1.476	51	4774	0.339	ppbv #	89
4) Chloromethane	1.531	50	950	0.177	ppbv #	70
9) Propene	1.489	41	1958	0.327	ppbv #	86
13) Ethanol	1.722	45	15848	7.530	ppbv	93
15) Acetone	1.832	43	583978	41.364	ppbv	100
16) 1,3-Butadiene	1.602	39	2439	0.388	ppbv #	30
17) tert-Butyl alcohol	2.039	59	30856	1.665	ppbv	97
19) Isopropyl Alcohol	1.884	45	42116	5.279	ppbv #	1
20) Methylene Chloride	2.062	84	10486	1.884	ppbv	92
21) Allyl Chloride	2.062	41	285	0.030	ppbv #	21
23) Vinyl Acetate	2.454	43	4269	0.250	ppbv #	77
25) Ethyl Acetate	2.826	43	12245	0.402	ppbv #	83
26) Hexane	2.826	57	14958	1.120	ppbv #	47
27) Carbon Disulfide	2.153	76	4341	0.319	ppbv #	1
29) Chloroform	2.852	83	951	0.050	ppbv #	77
34) 2-Butanone	2.557	43	23268	1.162	ppbv	97
36) Benzene	3.654	78	23107	0.850	ppbv	97
38) Trichloroethene	4.538	130	650	0.061	ppbv #	66
39) 1,2-Dichloropropane	3.955	63	71737	7.212	ppbv #	24
40) 1,4-Dioxane	4.583	88	192	0.043	ppbv #	1
41) Tetrahydrofuran	3.056	42	2653	0.240	ppbv #	43
50) 4-Methyl-2-Pentanone	5.749	43	1825	0.065	ppbv #	39
51) 2-Hexanone	7.716	43	223523	10.201	ppbv #	29
52) Tetrachloroethene	8.225	164	49381	4.885	ppbv	98
53) Toluene	6.927	91	10983	0.341	ppbv	99
58) Ethyl Benzene	9.351	91	3551	0.084	ppbv	93
59) m/p-Xylene	9.532	91	5425	0.161	ppbv #	31
60) o-Xylene	9.956	91	4090	0.121	ppbv	95
61) Styrene	9.866	104	1564	0.106	ppbv #	69
62) Isopropylbenzene	10.536	105	28762	0.476	ppbv	99
66) Benzyl Chloride	11.610	91	918	0.168	ppbv #	1
69) p-Isopropyltoluene	11.921	119	2923	0.046	ppbv	90
72) 4-Ethyltoluene	11.121	105	1416	0.034	ppbv #	84
73) 1,3,5-Trimethylbenzene	11.202	105	1102	0.032	ppbv	88
74) 1,2,4-Trimethylbenzene	11.532	105	5600	0.149	ppbv #	53
79) Naphthalene	13.513	128	1296	0.039	ppbv #	27

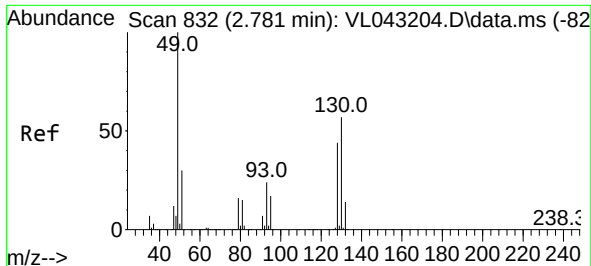
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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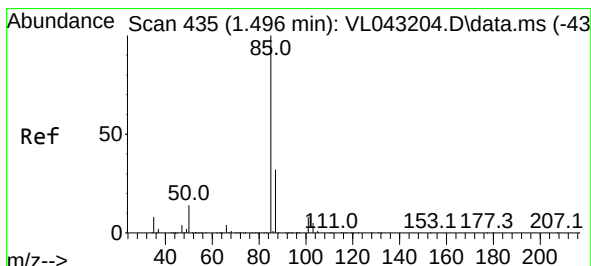
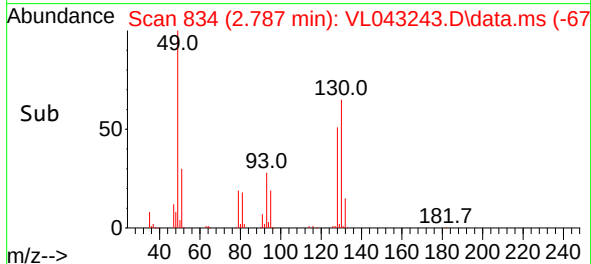
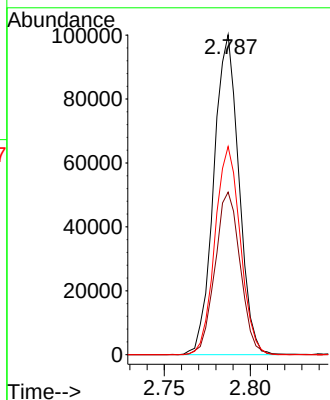
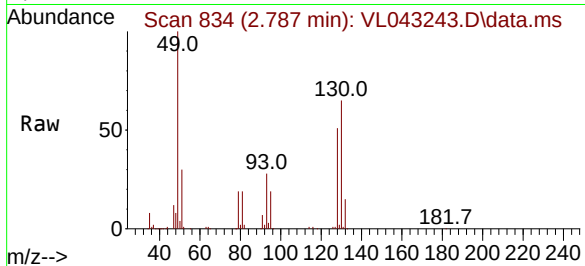




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

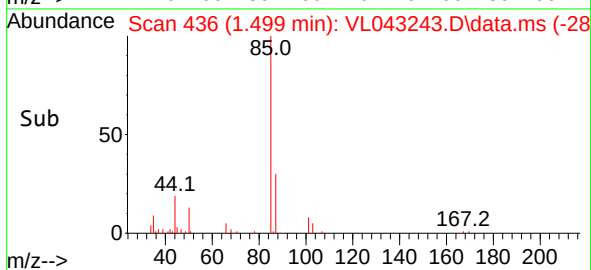
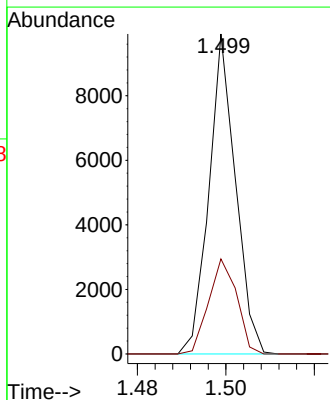
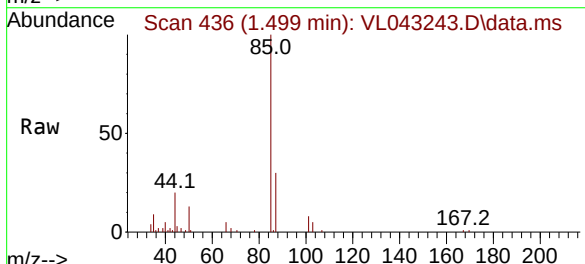
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1

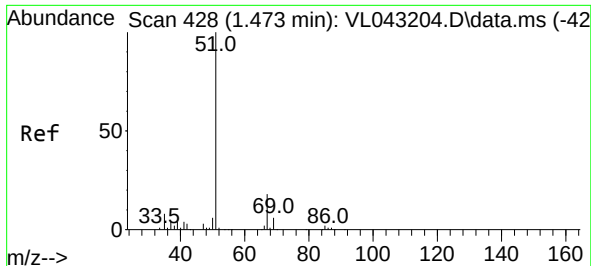
Tgt Ion: 49 Resp: 101617
Ion Ratio Lower Upper
49 100
128 51.2 23.0 69.0
130 65.6 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.289 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 85 Resp: 4141
Ion Ratio Lower Upper
85 100
87 29.7 25.4 38.2





#3

Chlorodifluoromethane

Concen: 0.339 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

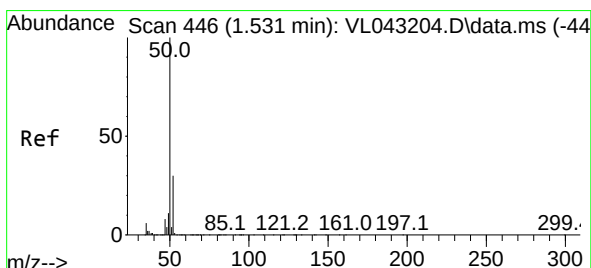
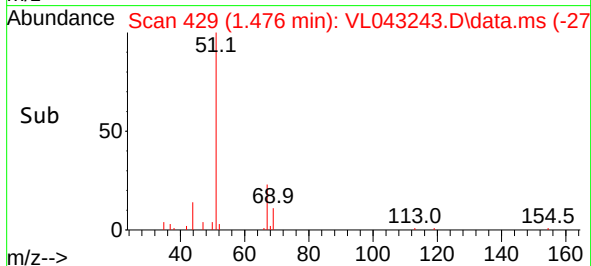
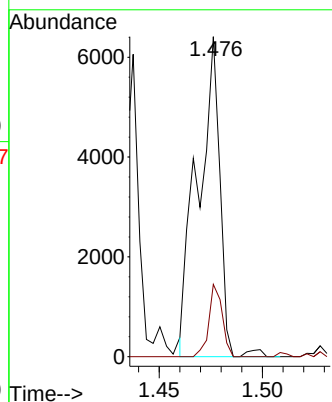
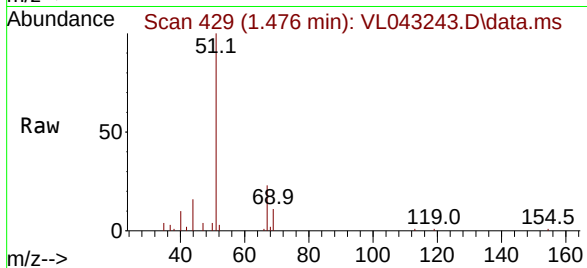
13-SG-1

Tgt Ion: 51 Resp: 4774

Ion Ratio Lower Upper

51 100

67 13.6 14.9 22.3#



#4

Chloromethane

Concen: 0.177 ppbv

RT: 1.531 min Scan# 446

Delta R.T. -0.000 min

Lab File: VL043243.D

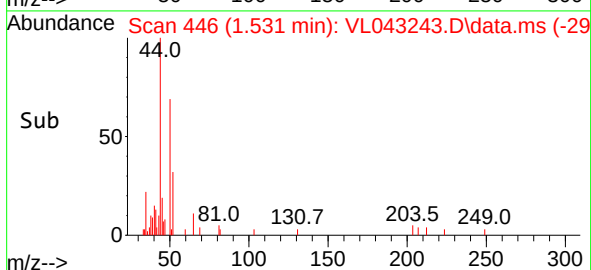
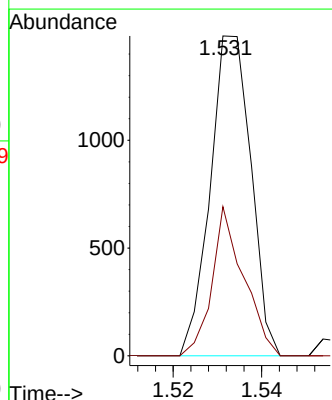
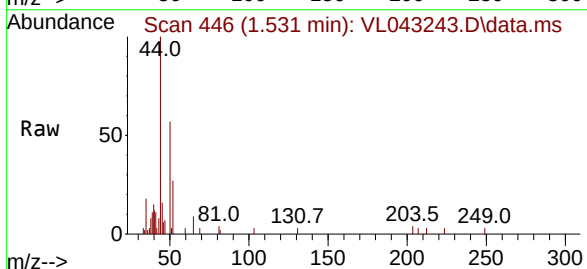
Acq: 19 Nov 2025 17:13

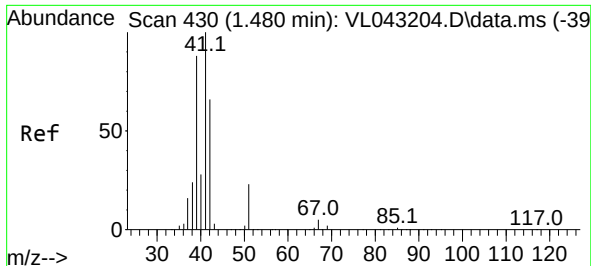
Tgt Ion: 50 Resp: 950

Ion Ratio Lower Upper

50 100

52 46.6 24.1 36.1#





#9

Propene

Concen: 0.327 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

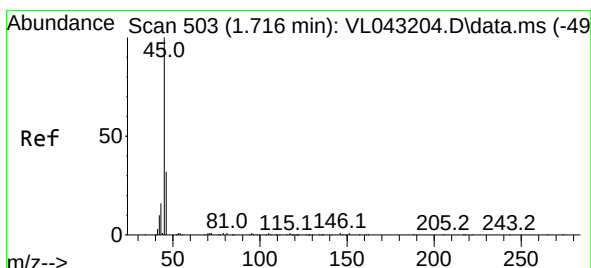
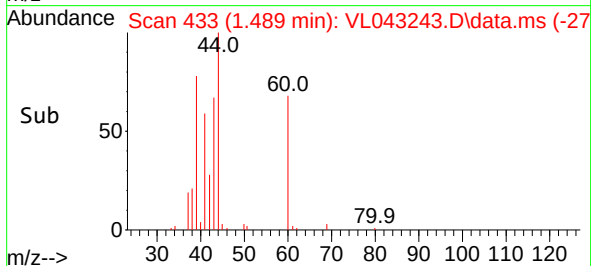
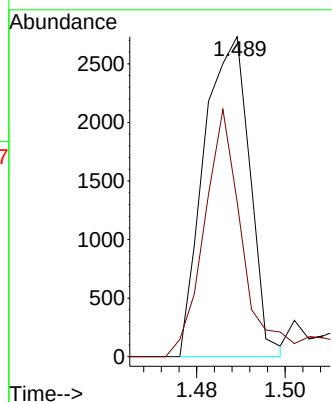
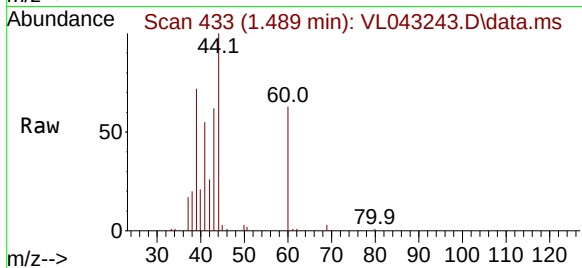
13-SG-1

Tgt Ion: 41 Resp: 1958

Ion Ratio Lower Upper

41 100

42 0.0 3.7 5.5#



#13

Ethanol

Concen: 7.530 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.006 min

Lab File: VL043243.D

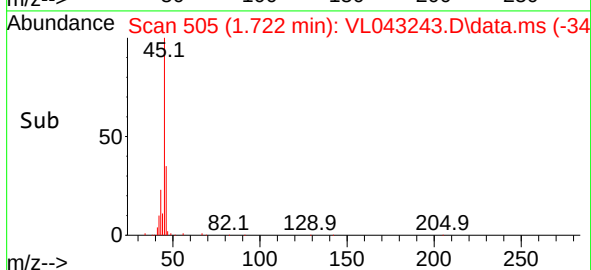
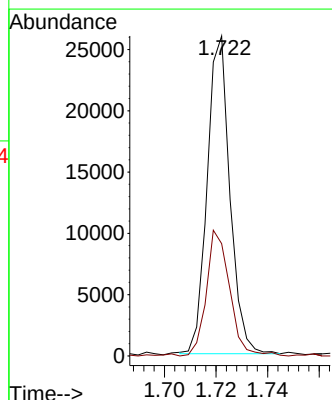
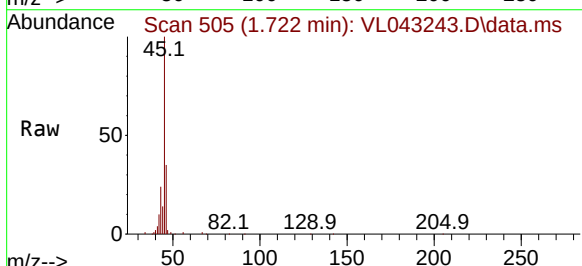
Acq: 19 Nov 2025 17:13

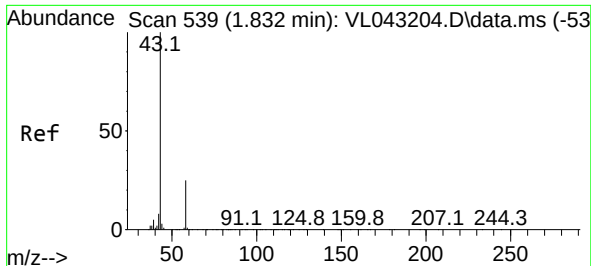
Tgt Ion: 45 Resp: 15848

Ion Ratio Lower Upper

45 100

46 41.7 15.0 59.8

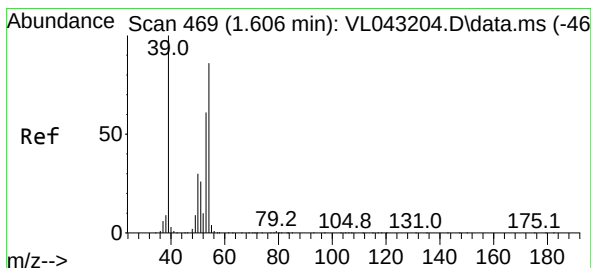
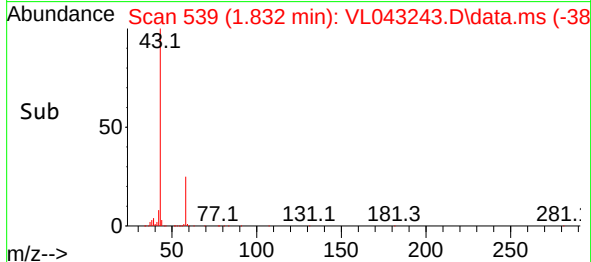
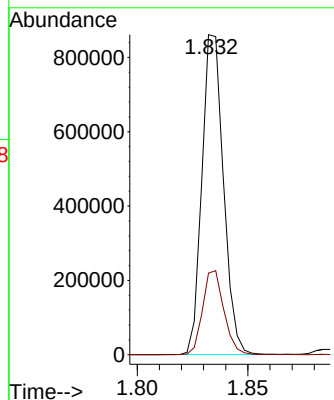
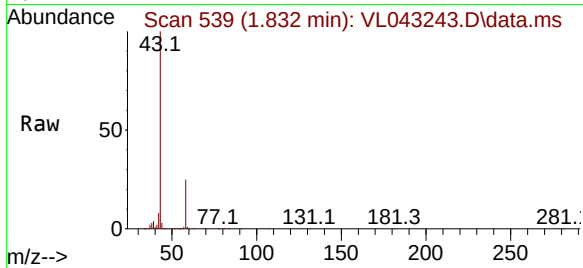




#15
Acetone
Concen: 41.364 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

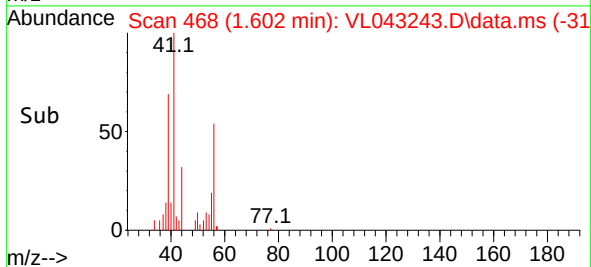
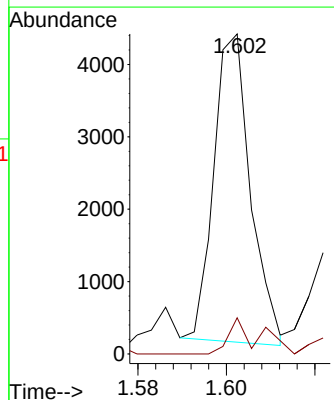
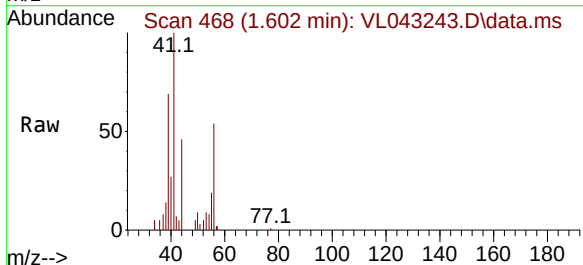
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1

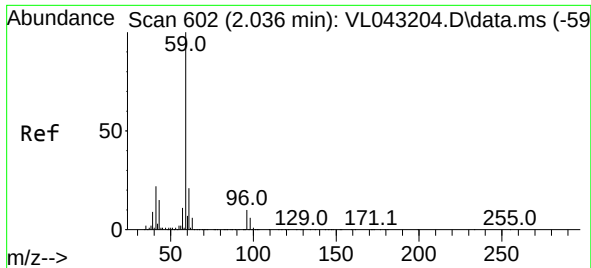
Tgt Ion: 43 Resp: 583978
Ion Ratio Lower Upper
43 100
58 26.1 20.7 31.1



#16
1,3-Butadiene
Concen: 0.388 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 39 Resp: 2439
Ion Ratio Lower Upper
39 100
54 15.3 59.4 89.2#





#17

tert-Butyl alcohol

Concen: 1.665 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

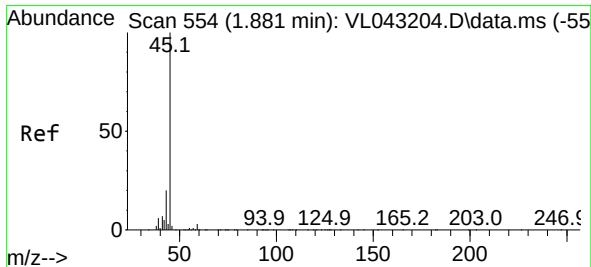
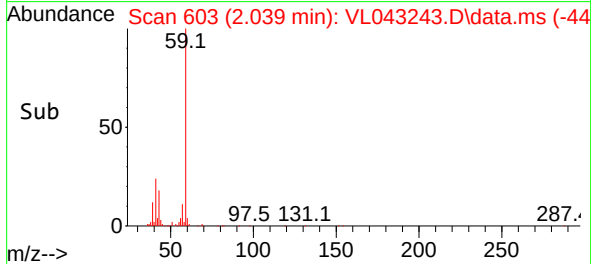
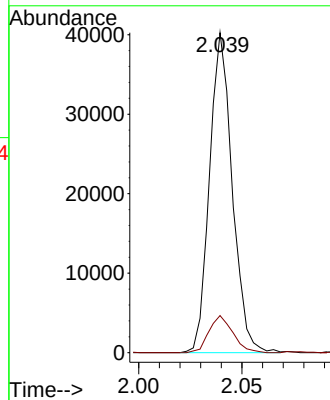
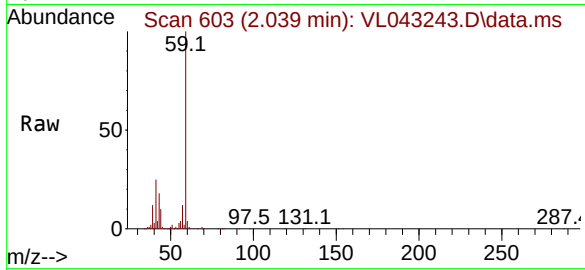
13-SG-1

Tgt Ion: 59 Resp: 30856

Ion Ratio Lower Upper

59 100

57 12.4 9.0 13.4



#19

Isopropyl Alcohol

Concen: 5.279 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.003 min

Lab File: VL043243.D

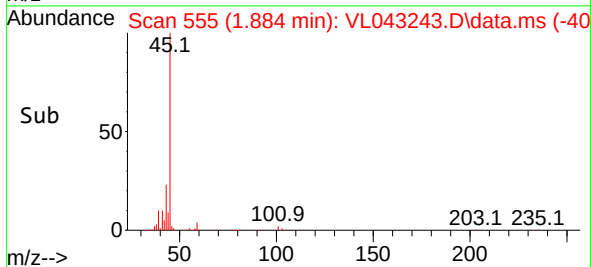
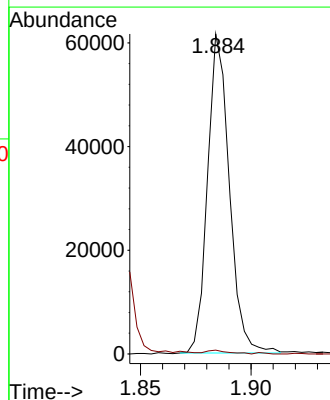
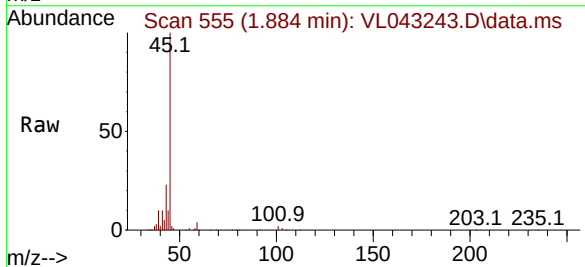
Acq: 19 Nov 2025 17:13

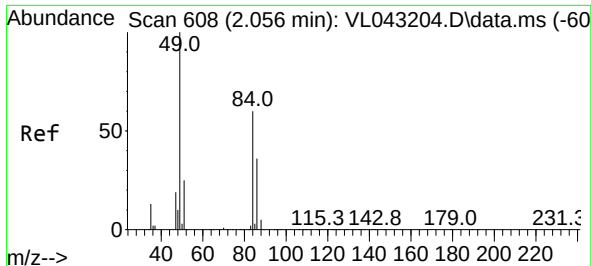
Tgt Ion: 45 Resp: 42116

Ion Ratio Lower Upper

45 100

58 362.0 31.3 46.9#





#20

Methylene Chloride

Concen: 1.884 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.006 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

13-SG-1

Tgt Ion: 84 Resp: 10486

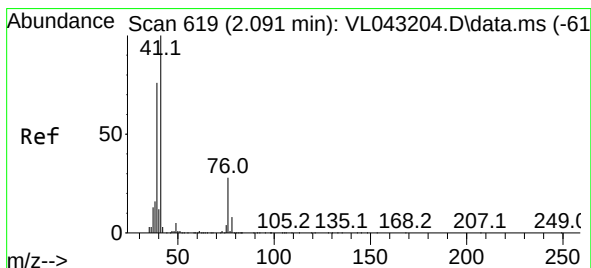
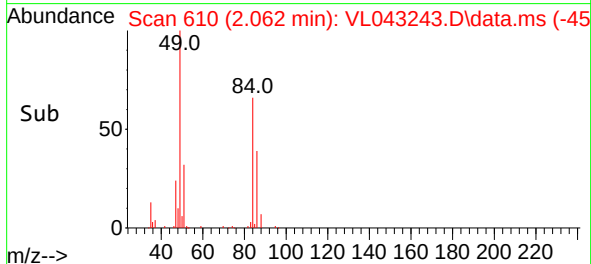
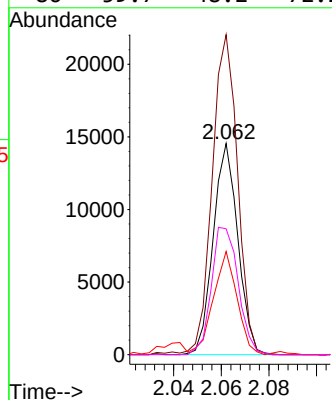
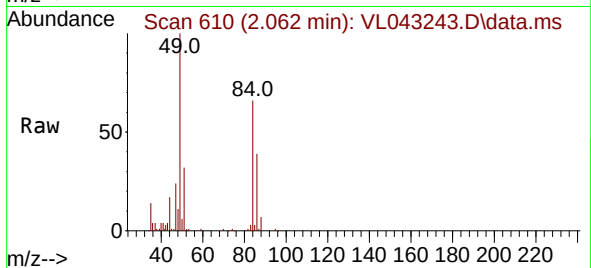
Ion Ratio Lower Upper

84 100

49 151.6 132.9 199.3

51 47.4 34.8 52.2

86 59.7 48.2 72.2



#21

Allyl Chloride

Concen: 0.030 ppbv

RT: 2.062 min Scan# 610

Delta R.T. -0.029 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

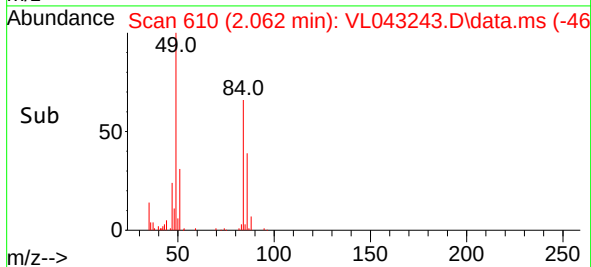
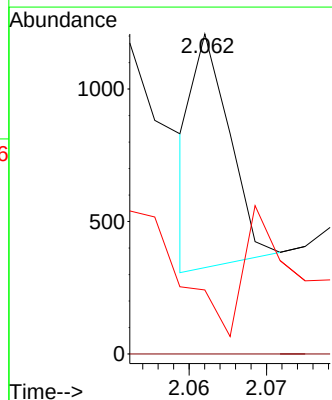
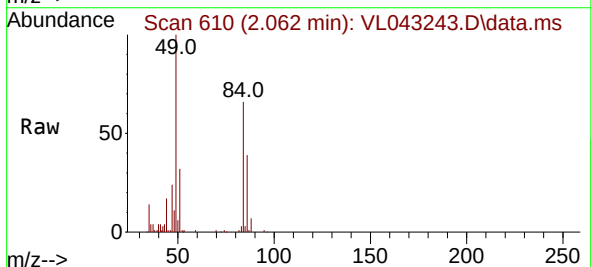
Tgt Ion: 41 Resp: 285

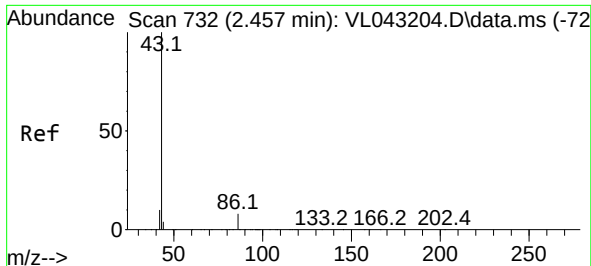
Ion Ratio Lower Upper

41 100

76 0.0 22.1 33.1#

39 0.0 61.0 91.4#

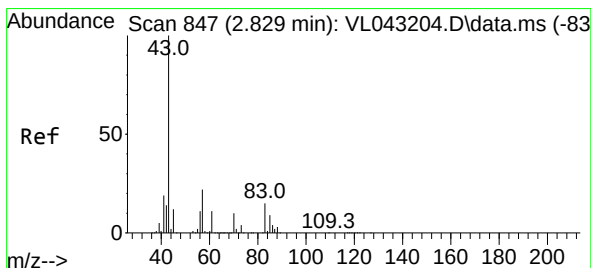
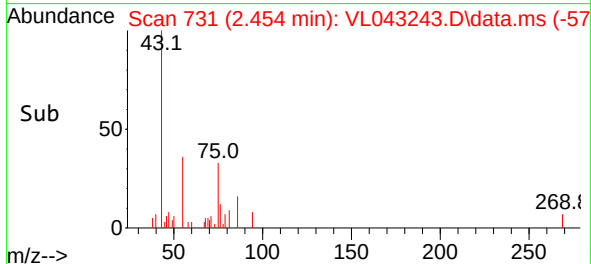
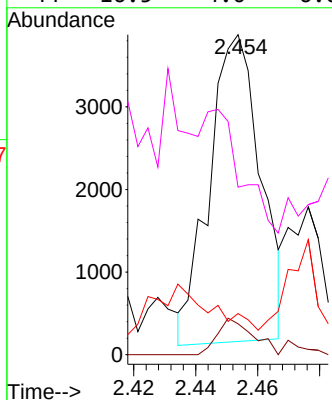
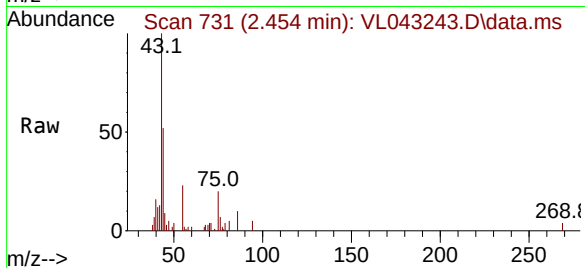




#23
Vinyl Acetate
Concen: 0.250 ppbv
RT: 2.454 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

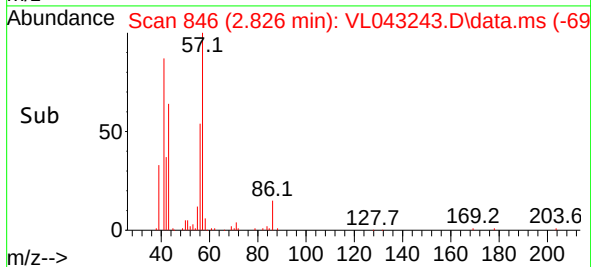
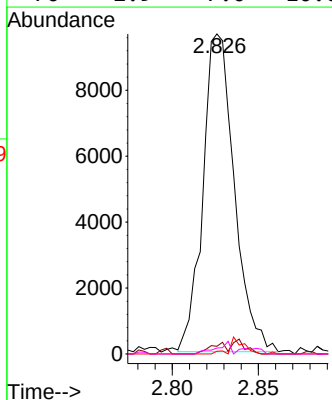
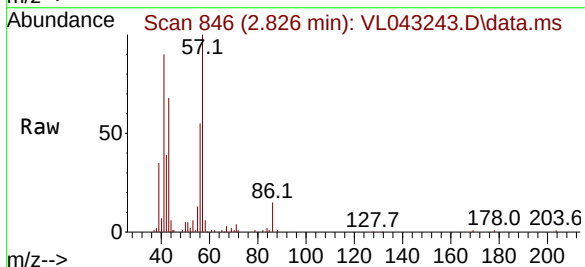
Instrument :
MSVOA_1
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13-SG-1

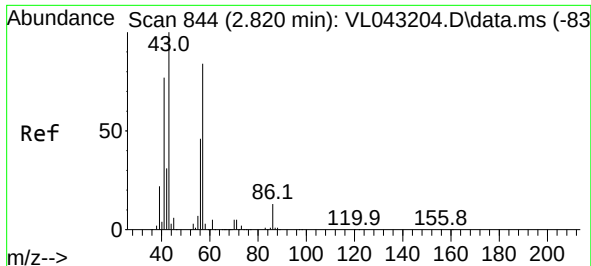
Tgt Ion:	43	Resp:	4269
Ion	Ratio	Lower	Upper
43	100		
86	11.1	6.2	9.2#
42	0.0	8.0	12.0#
44	16.5	4.0	6.0#



#25
Ethyl Acetate
Concen: 0.402 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion:	43	Resp:	12245
Ion	Ratio	Lower	Upper
43	100		
45	3.6	8.1	12.1#
61	2.4	7.0	10.4#
70	2.9	7.0	10.6#

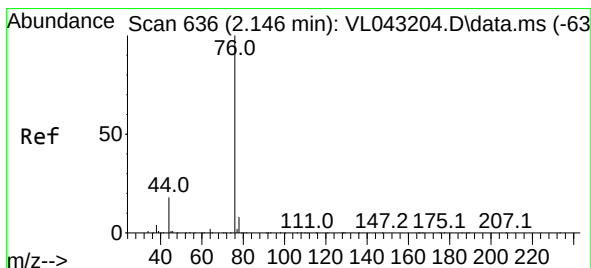
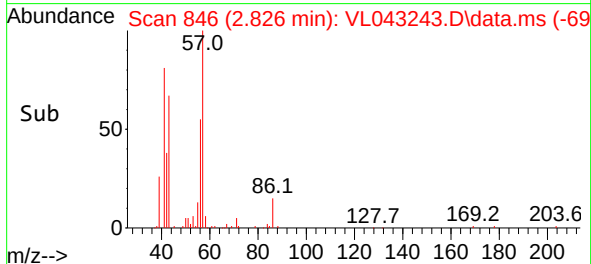
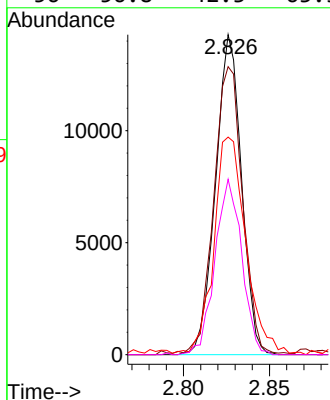
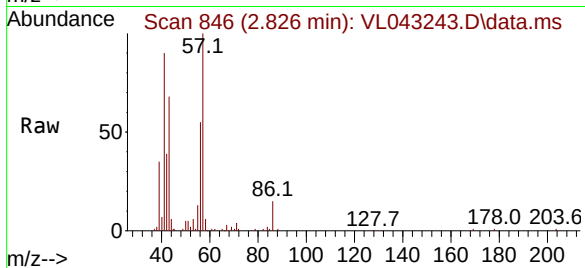




#26
Hexane
Concen: 1.120 ppbv
RT: 2.826 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

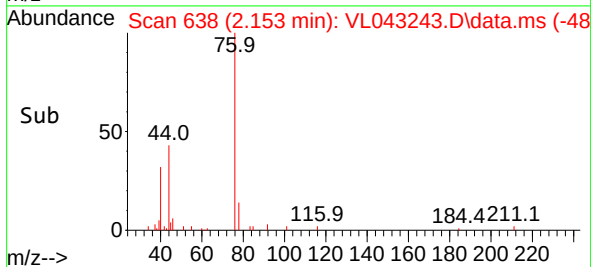
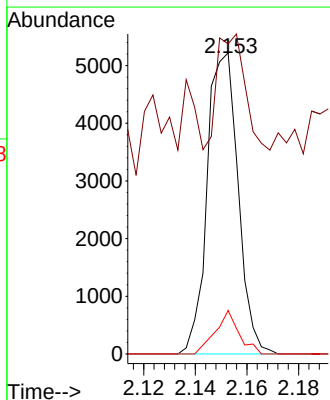
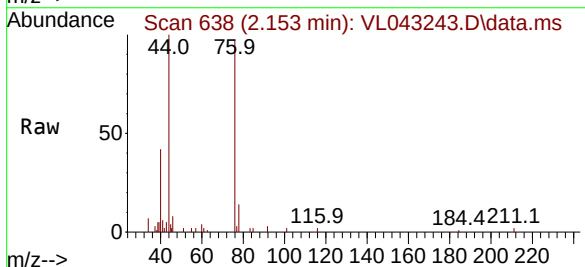
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1

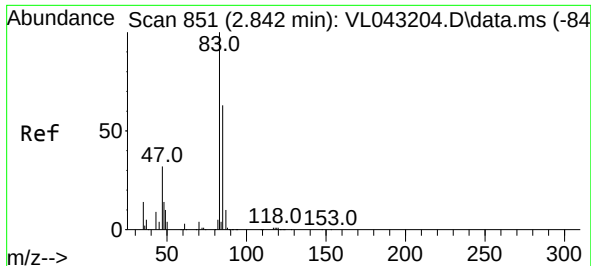
Tgt Ion:	57	Resp:	14958
Ion	Ratio	Lower	Upper
57	100		
41	100.6	74.6	111.8
43	87.6	179.0	268.4#
56	56.8	42.3	63.5



#27
Carbon Disulfide
Concen: 0.319 ppbv
RT: 2.153 min Scan# 638
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion:	76	Resp:	4341
Ion	Ratio	Lower	Upper
76	100		
44	225.4	16.1	24.1#
78	11.0	9.6	14.4





#29

Chloroform

Concen: 0.050 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

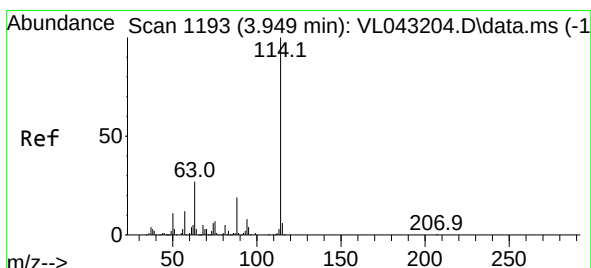
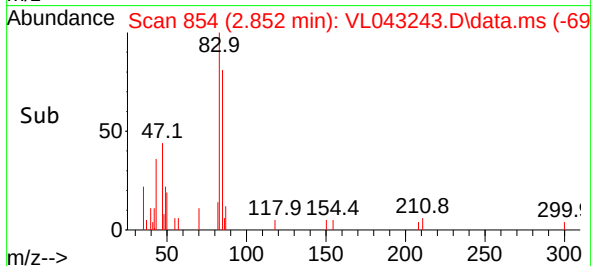
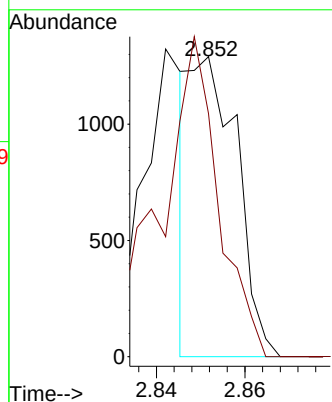
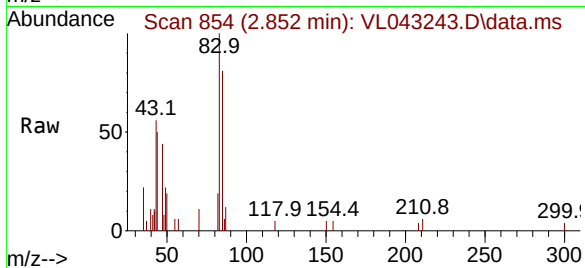
13-SG-1

Tgt Ion: 83 Resp: 951

Ion Ratio Lower Upper

83 100

85 81.0 50.5 75.7#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

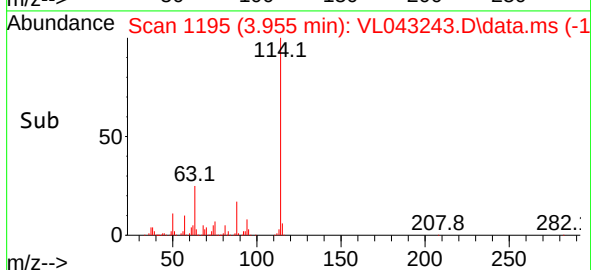
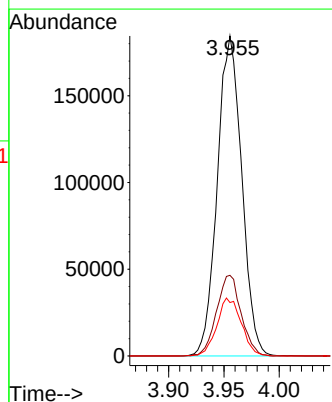
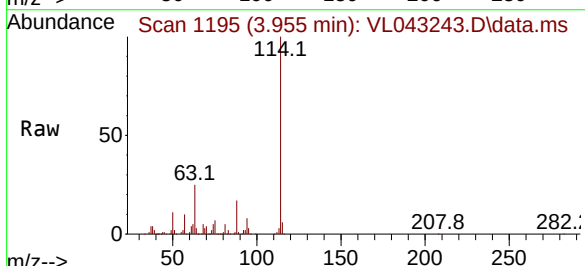
Tgt Ion: 114 Resp: 283781

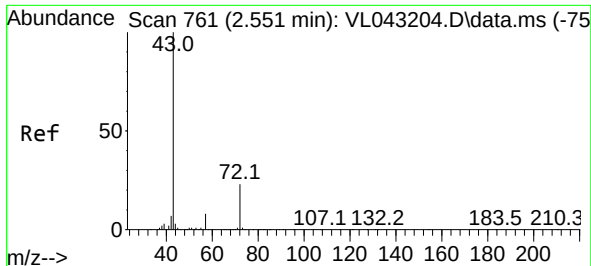
Ion Ratio Lower Upper

114 100

63 25.3 21.0 31.6

88 18.1 14.9 22.3

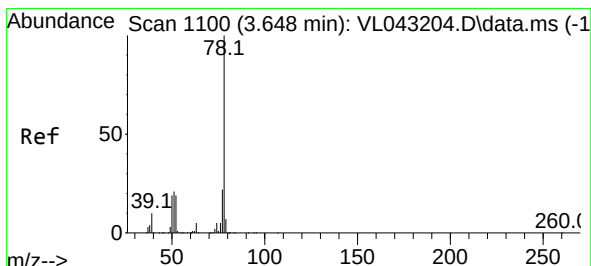
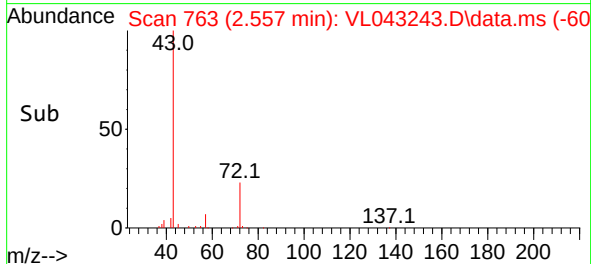
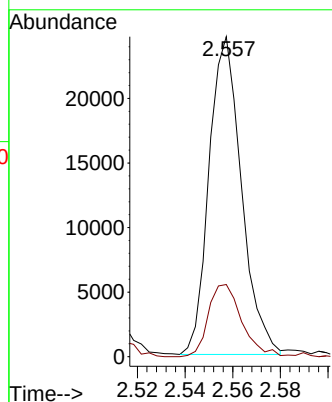
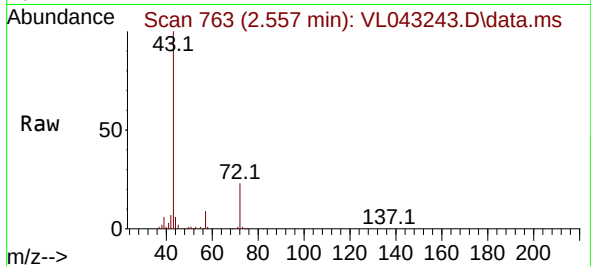




#34
2-Butanone
Concen: 1.162 ppbv
RT: 2.557 min Scan# 761
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

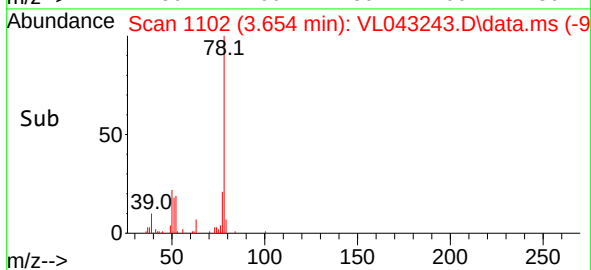
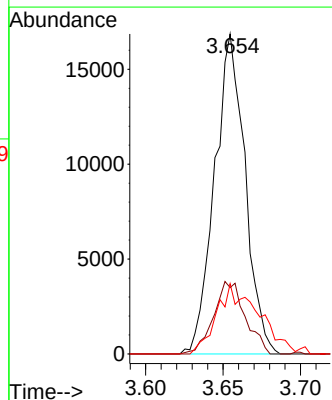
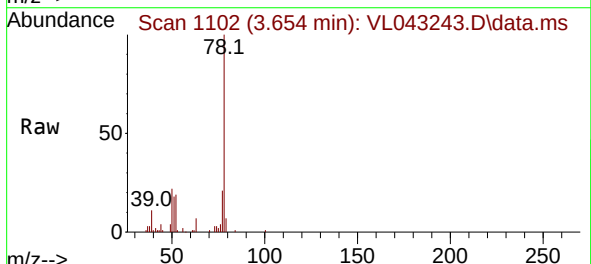
Instrument :
MSVOA_1
ClientSampleId :
13-SG-1

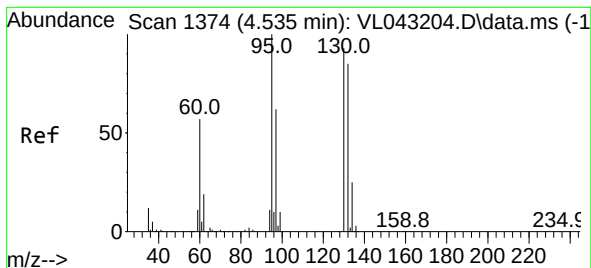
Tgt Ion: 43 Resp: 23268
Ion Ratio Lower Upper
43 100
72 24.0 18.1 27.1



#36
Benzene
Concen: 0.850 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 78 Resp: 23107
Ion Ratio Lower Upper
78 100
77 20.8 17.5 26.3
50 21.5 15.5 23.3





#38

Trichloroethene

Concen: 0.061 ppbv

RT: 4.538 min Scan# 1195

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

13-SG-1

Tgt Ion:130 Resp: 650

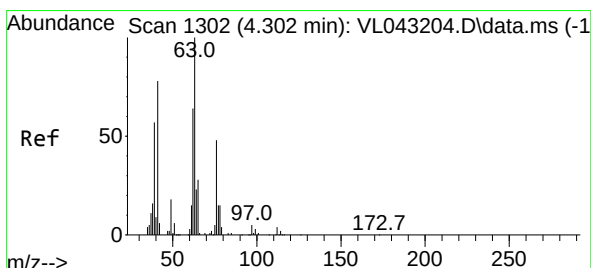
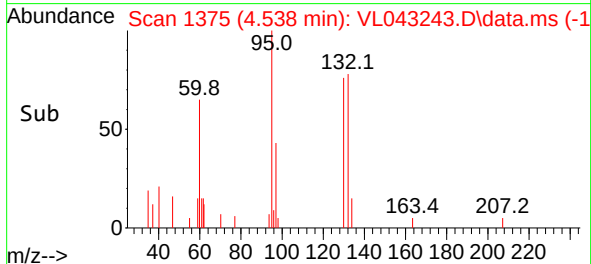
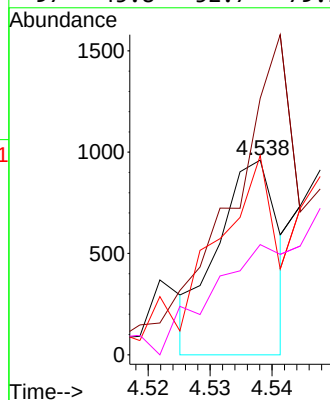
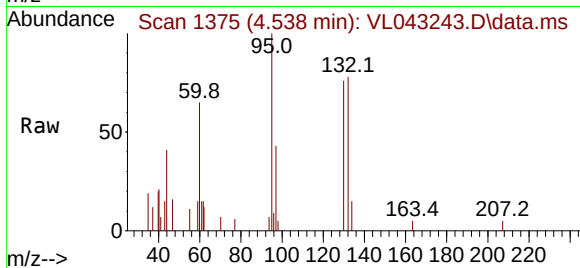
Ion Ratio Lower Upper

130 100

95 142.5 85.7 128.5#

132 130.0 73.4 110.0#

97 45.8 52.7 79.1#



#39

1,2-Dichloropropane

Concen: 7.212 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.347 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

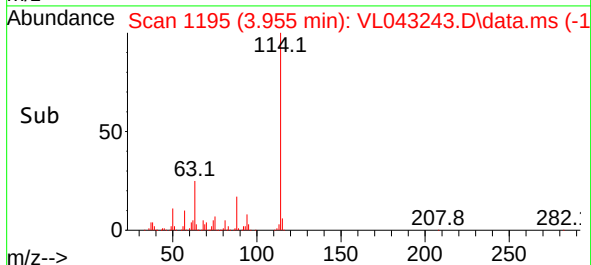
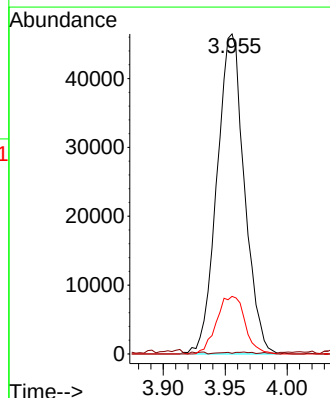
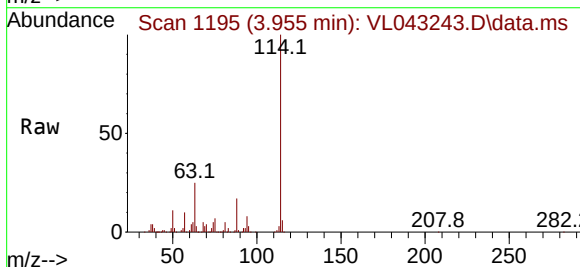
Tgt Ion: 63 Resp: 71737

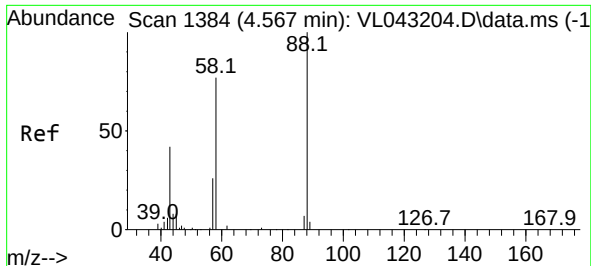
Ion Ratio Lower Upper

63 100

41 0.0 62.6 93.8#

62 18.0 51.0 76.6#

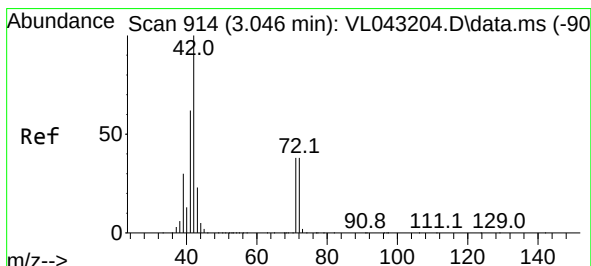
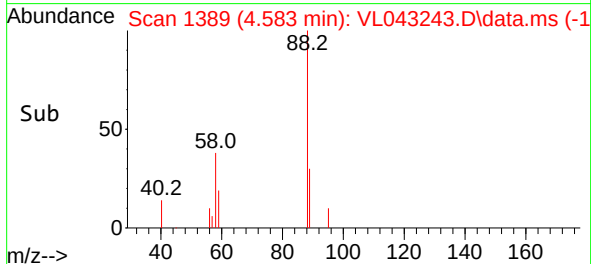
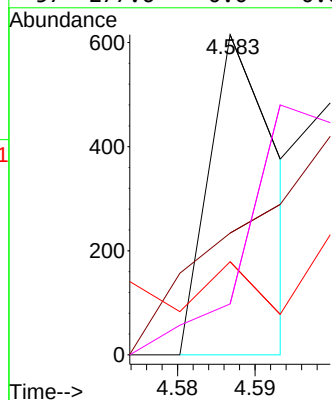
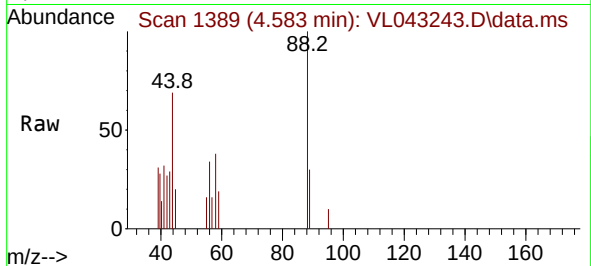




#40
1,4-Dioxane
Concen: 0.043 ppbv
RT: 4.583 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

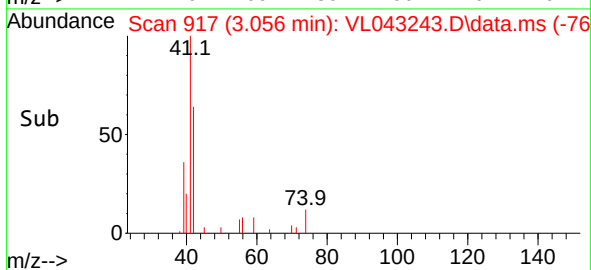
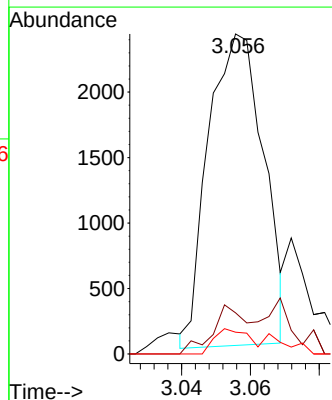
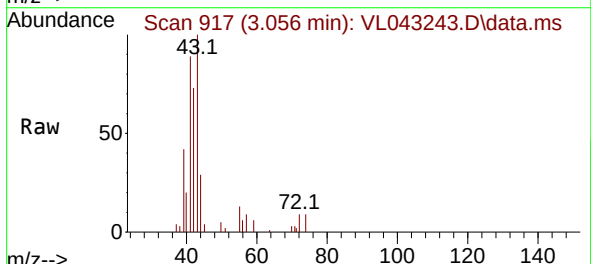
Instrument :
MSVOA_L
ClientSampleId :
13-SG-1

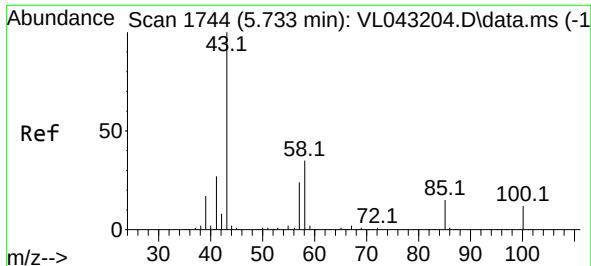
Tgt Ion: 88	Resp:	192	
Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.0	94.6#
43	207.3	32.5	48.7#
57	277.6	0.0	0.0#



#41
Tetrahydrofuran
Concen: 0.240 ppbv
RT: 3.056 min Scan# 917
Delta R.T. 0.010 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 42	Resp:	2653	
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.6	46.0#
71	7.8	30.5	45.7#

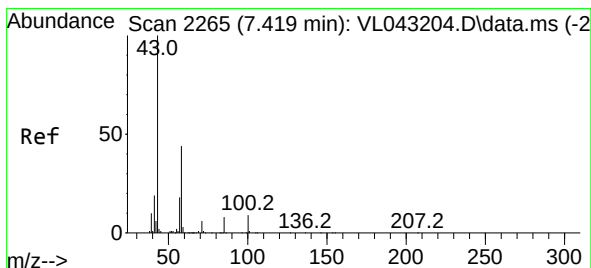
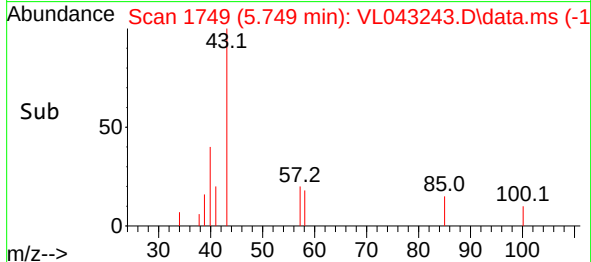
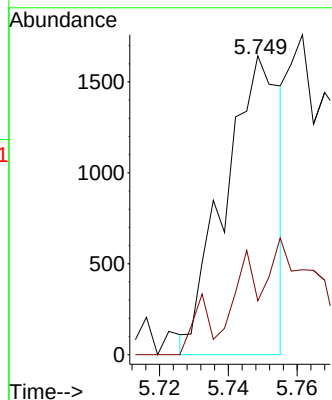
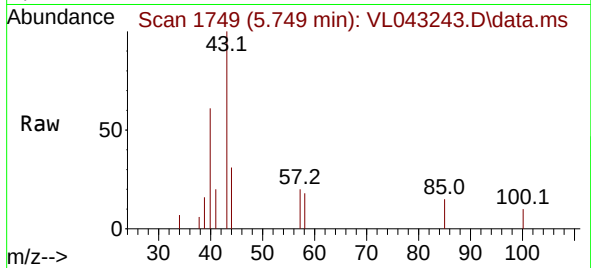




#50
4-Methyl-2-Pentanone
Concen: 0.065 ppbv
RT: 5.749 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

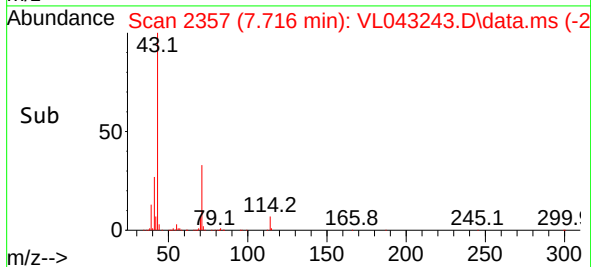
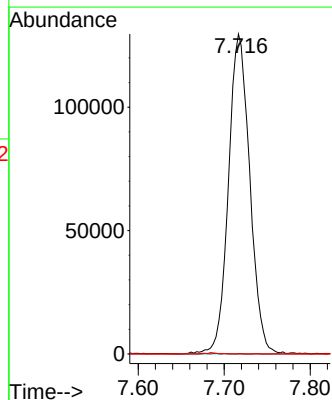
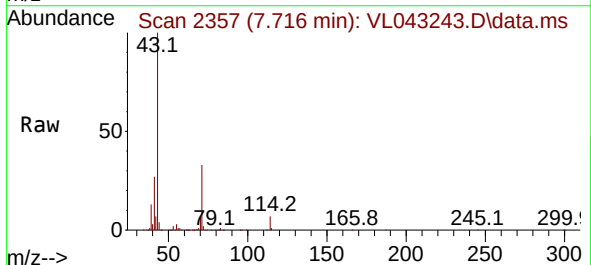
Instrument :
MSVOA_1
ClientSampleId :
13-SG-1

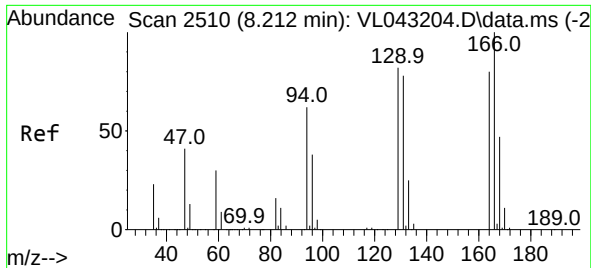
Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#



#51
2-Hexanone
Concen: 10.201 ppbv
RT: 7.716 min Scan# 2357
Delta R.T. 0.298 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 43 Resp: 223523
Ion Ratio Lower Upper
43 100
58 0.1 38.4 57.6#
98 0.0 0.0 0.0#



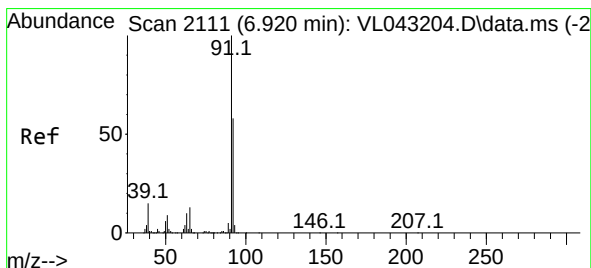
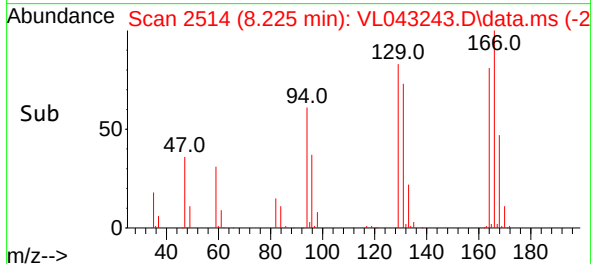
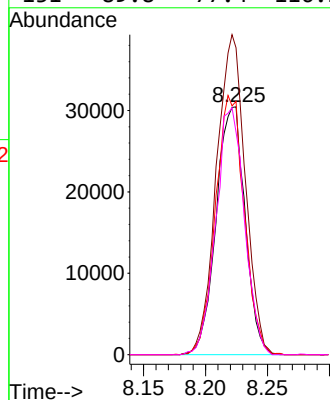
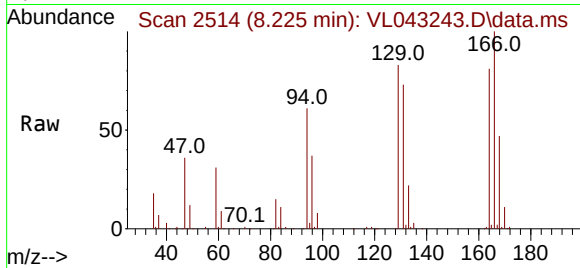


#52
Tetrachloroethene
Concen: 4.885 ppbv
RT: 8.225 min Scan# 2113
Delta R.T. 0.013 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Instrument :
MSVOA_1
ClientSampleId :
13-SG-1

Tgt Ion:164 Resp: 49381

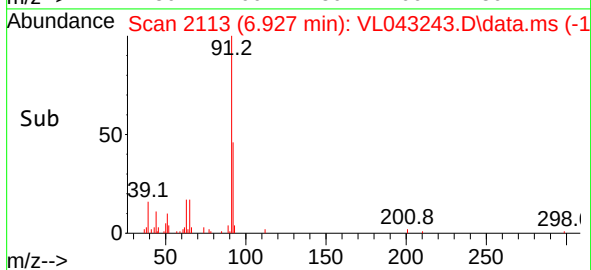
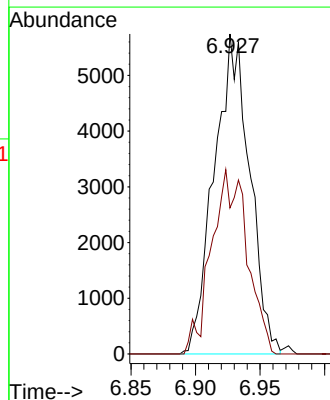
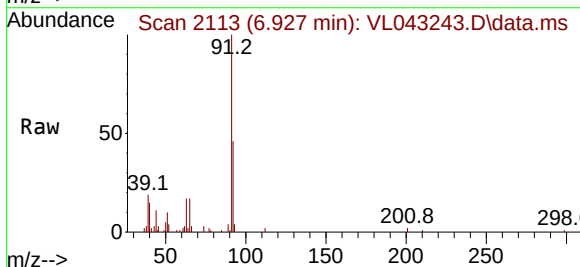
Ion	Ratio	Lower	Upper
164	100		
166	123.8	99.4	149.2
129	102.2	81.8	122.8
131	89.8	77.4	116.2

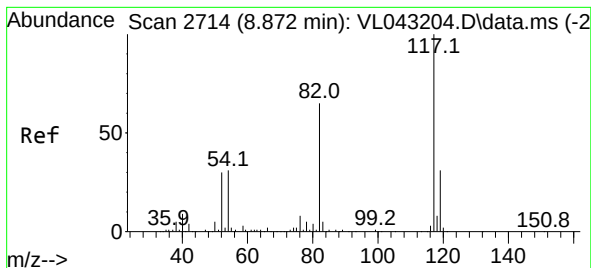


#53
Toluene
Concen: 0.341 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 91 Resp: 10983

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.4	71.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

13-SG-1

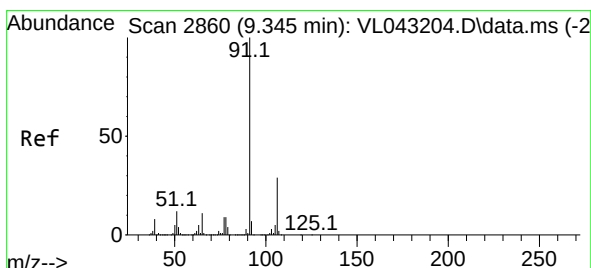
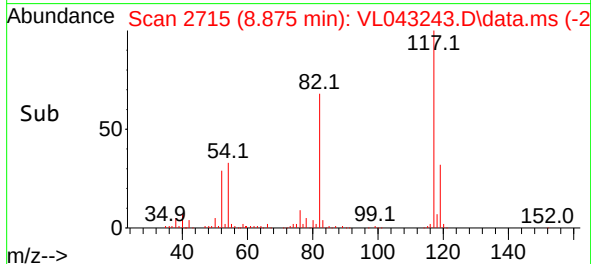
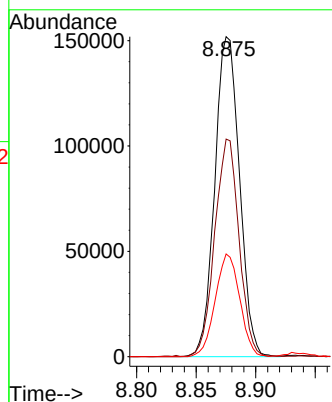
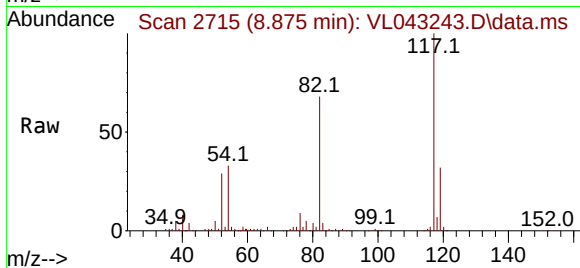
Tgt Ion:117 Resp: 218981

Ion Ratio Lower Upper

117 100

82 66.9 56.1 84.1

119 31.8 25.0 37.6



#58

Ethyl Benzene

Concen: 0.084 ppbv

RT: 9.351 min Scan# 2862

Delta R.T. 0.006 min

Lab File: VL043243.D

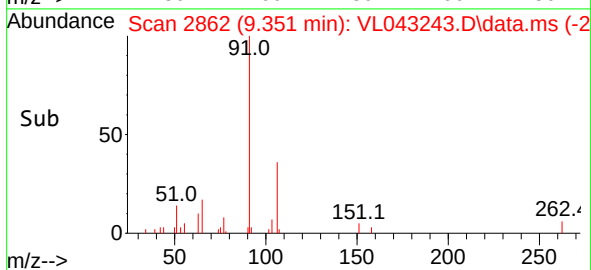
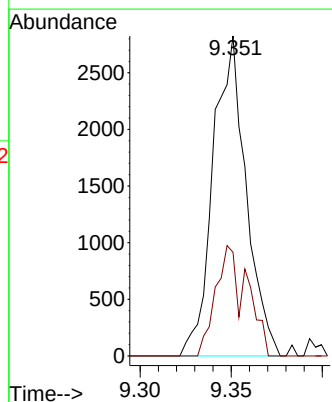
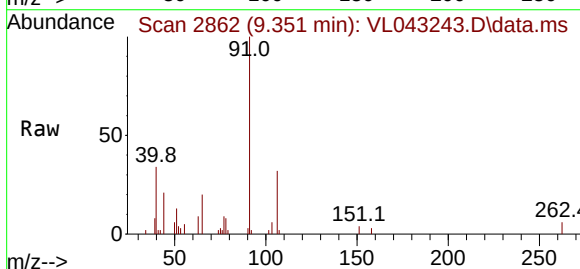
Acq: 19 Nov 2025 17:13

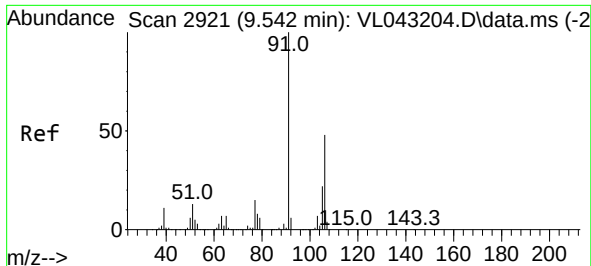
Tgt Ion: 91 Resp: 3551

Ion Ratio Lower Upper

91 100

106 32.4 22.8 34.2





#59

m/p-Xylene

Concen: 0.161 ppbv

RT: 9.532 min Scan# 2921

Delta R.T. -0.010 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_L

ClientSampleId :

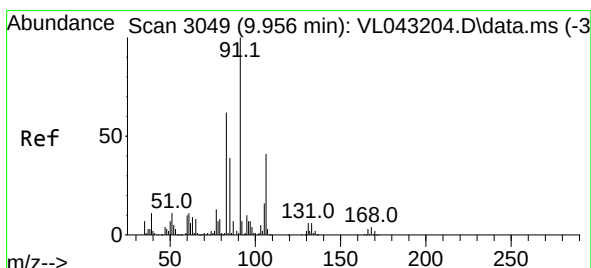
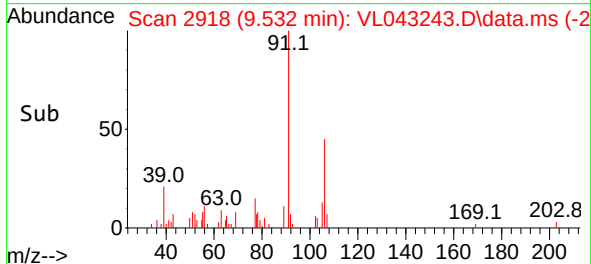
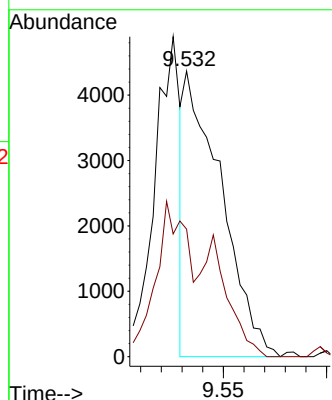
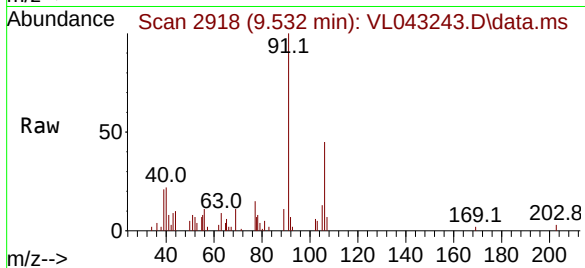
13-SG-1

Tgt Ion: 91 Resp: 5425

Ion Ratio Lower Upper

91 100

106 0.0 36.1 54.1#



#60

o-Xylene

Concen: 0.121 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VL043243.D

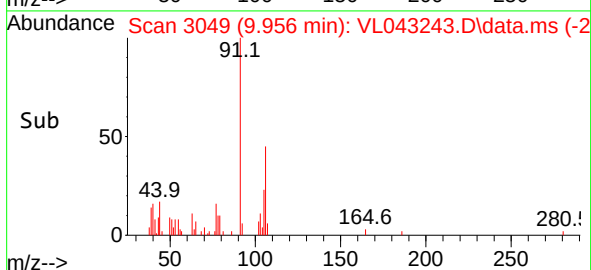
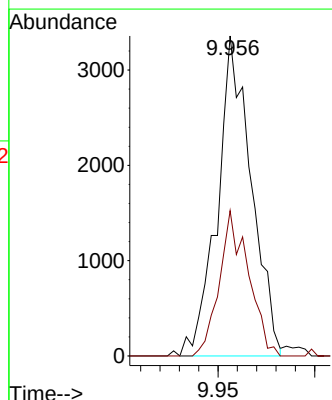
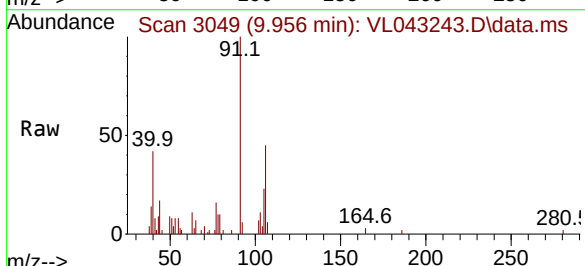
Acq: 19 Nov 2025 17:13

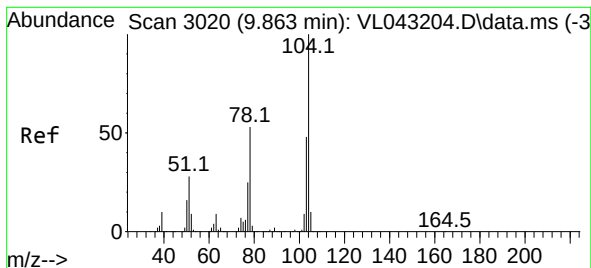
Tgt Ion: 91 Resp: 4090

Ion Ratio Lower Upper

91 100

106 39.0 20.9 62.8





#61

Styrene

Concen: 0.106 ppbv

RT: 9.866 min Scan# 3020

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

13-SG-1

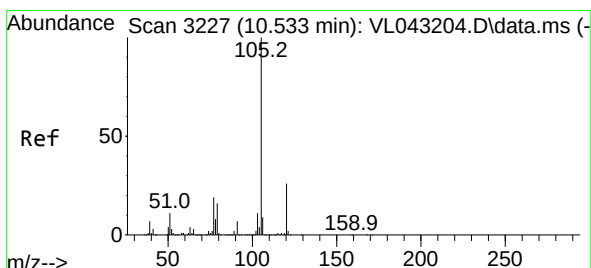
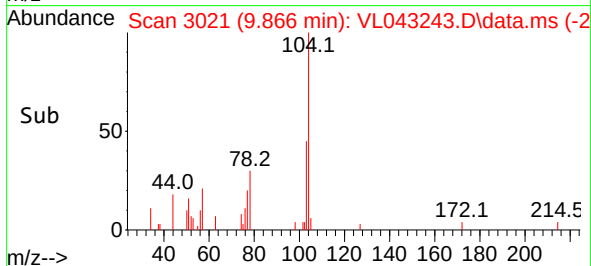
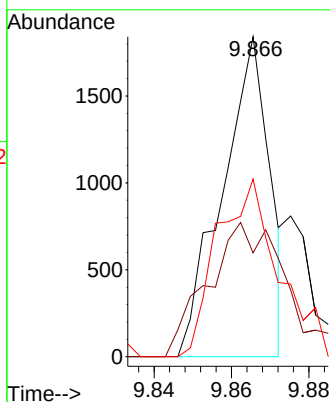
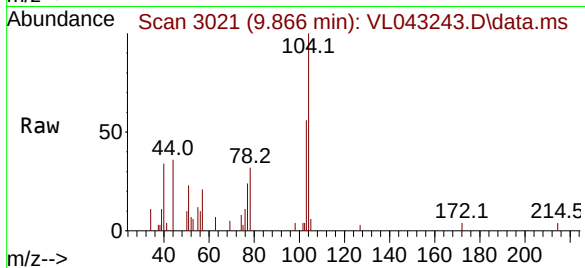
Tgt Ion:104 Resp: 1564

Ion Ratio Lower Upper

104 100

78 68.6 42.1 63.1#

103 72.7 37.2 55.8#



#62

Isopropylbenzene

Concen: 0.476 ppbv

RT: 10.536 min Scan# 3228

Delta R.T. 0.003 min

Lab File: VL043243.D

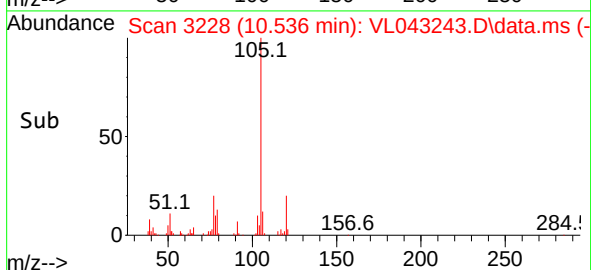
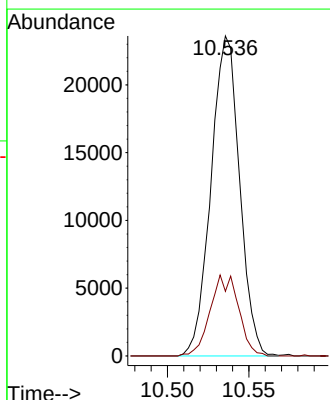
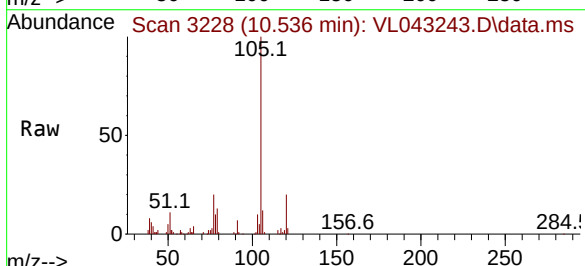
Acq: 19 Nov 2025 17:13

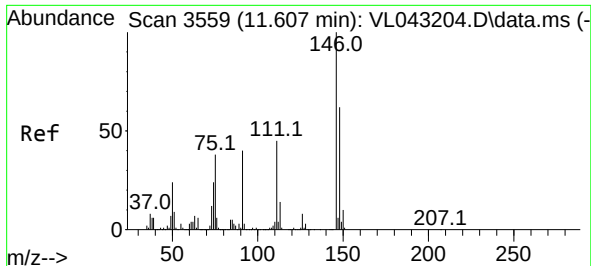
Tgt Ion:105 Resp: 28762

Ion Ratio Lower Upper

105 100

120 25.2 19.8 29.8

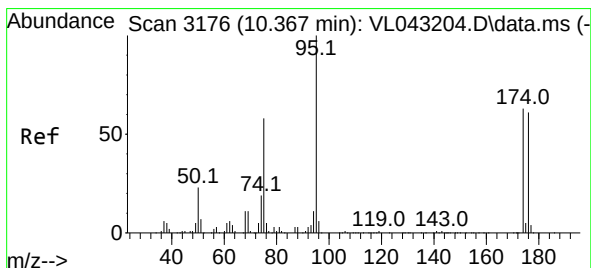
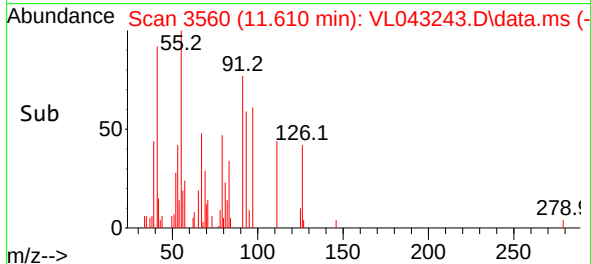
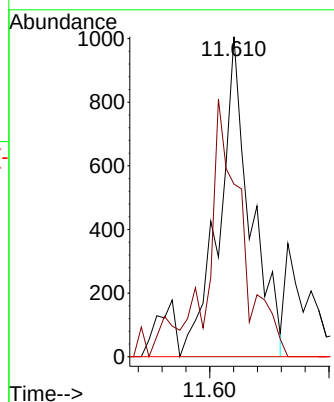
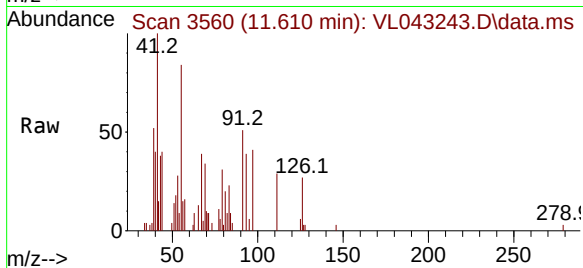




#66
Benzyl Chloride
Concen: 0.168 ppbv
RT: 11.610 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

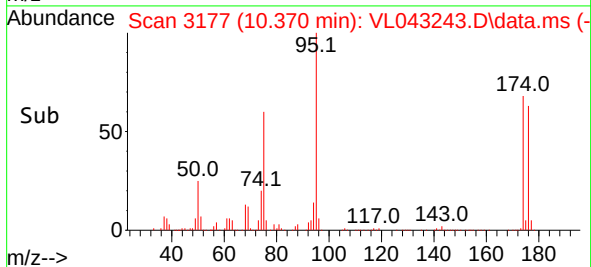
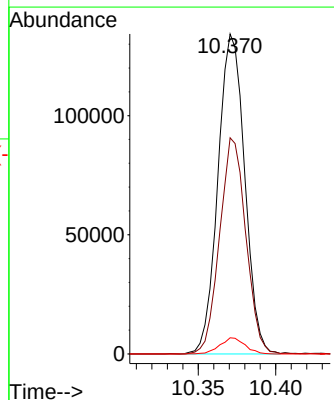
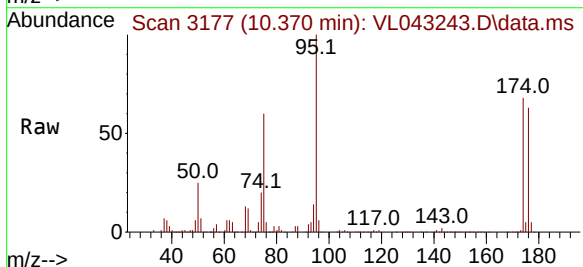
Instrument :
MSVOA_1
ClientSampleId :
13-SG-1

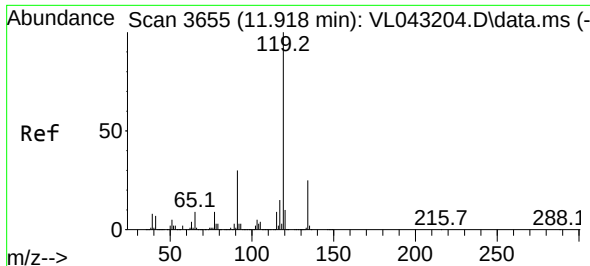
Tgt Ion: 91 Resp: 918
Ion Ratio Lower Upper
91 100
126 90.6 14.4 21.6#
128 0.0 4.6 6.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.044 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Tgt Ion: 95 Resp: 161224
Ion Ratio Lower Upper
95 100
174 66.4 50.2 75.2
175 4.8 4.1 6.1

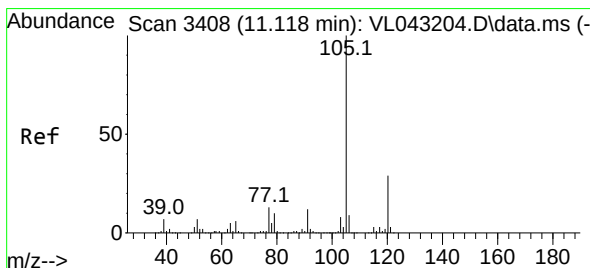
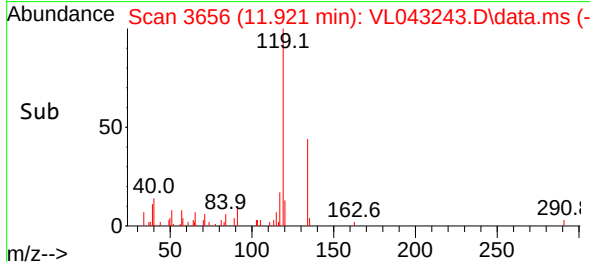
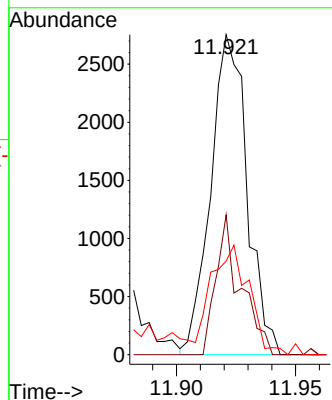
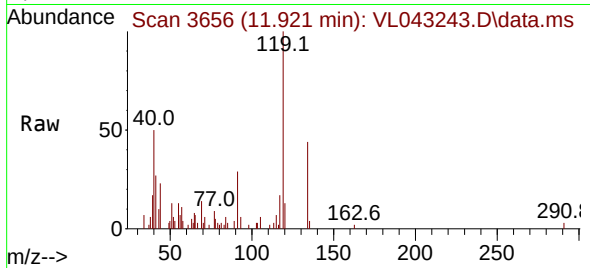




#69
 p-Isopropyltoluene
 Concen: 0.046 ppbv
 RT: 11.921 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL043243.D
 Acq: 19 Nov 2025 17:13

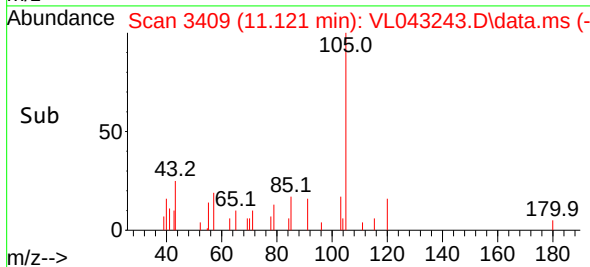
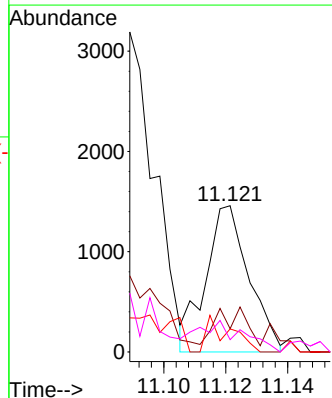
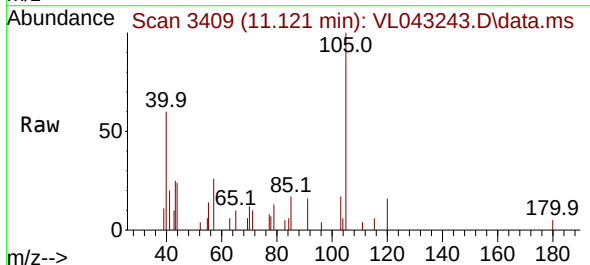
Instrument :
 MSVOA_1
 ClientSampleId :
 13-SG-1

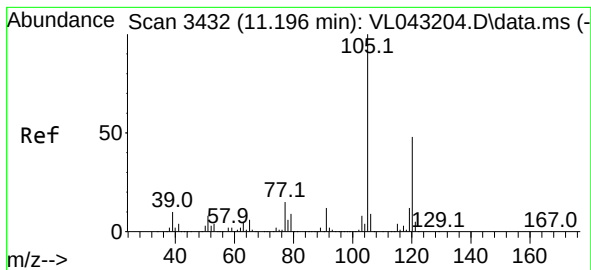
Tgt Ion:	119	Resp:	2923
Ion	Ratio	Lower	Upper
119	100		
134	30.0	20.2	30.2
91	35.1	23.8	35.8



#72
 4-Ethyltoluene
 Concen: 0.034 ppbv
 RT: 11.121 min Scan# 3409
 Delta R.T. 0.003 min
 Lab File: VL043243.D
 Acq: 19 Nov 2025 17:13

Tgt Ion:	105	Resp:	1416
Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.8	35.8
91	0.0	10.3	15.5#
77	0.0	11.1	16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.032 ppbv

RT: 11.202 min Scan# 3432

Delta R.T. 0.006 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Instrument :

MSVOA_1

ClientSampleId :

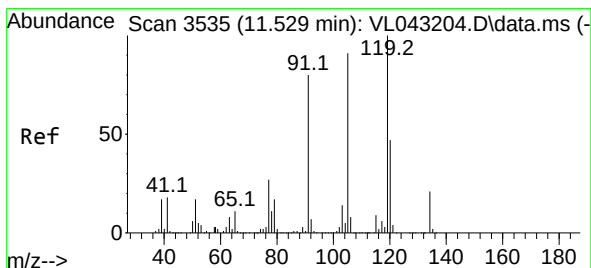
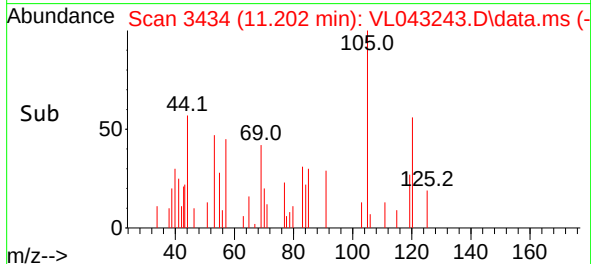
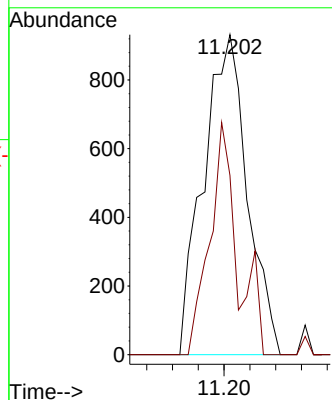
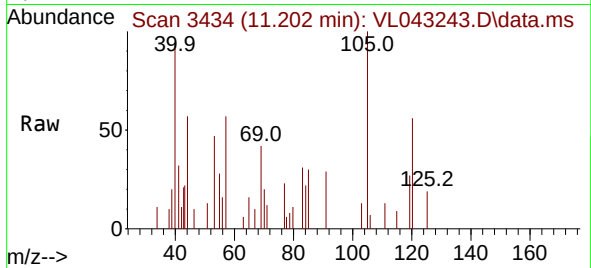
13-SG-1

Tgt Ion:105 Resp: 1102

Ion Ratio Lower Upper

105 100

120 56.0 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 0.149 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL043243.D

Acq: 19 Nov 2025 17:13

Tgt Ion:105 Resp: 5600

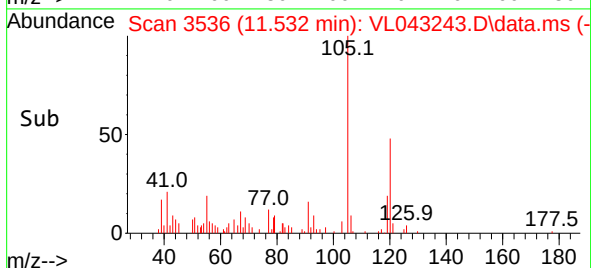
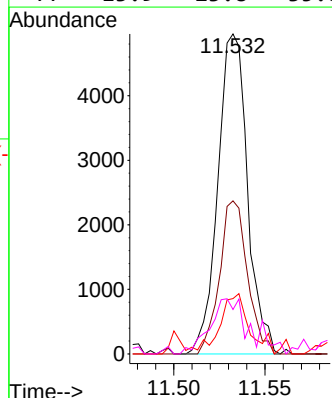
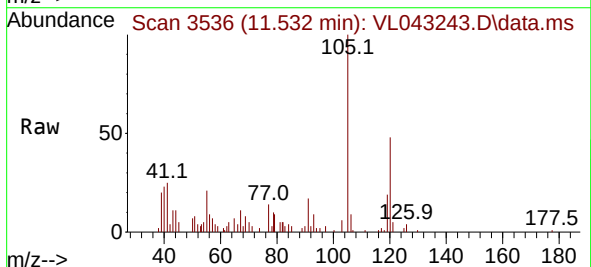
Ion Ratio Lower Upper

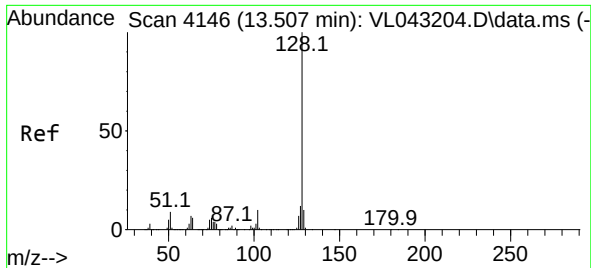
105 100

120 47.8 41.7 62.5

91 15.7 70.0 105.0#

77 13.9 23.8 35.8#





#79
Naphthalene
Concen: 0.039 ppbv
RT: 13.513 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043243.D
Acq: 19 Nov 2025 17:13

Instrument :
MSVOA_L
ClientSampleId :
13-SG-1

Tgt Ion:128 Resp: 1296
Ion Ratio Lower Upper
128 100
127 61.5 9.9 14.9#
129 14.5 8.4 12.6#

