

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043272.D
 Acq On : 20 Nov 2025 19:11
 Operator : SY/MD
 Sample : Q3698-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Nov 21 00:42:43 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

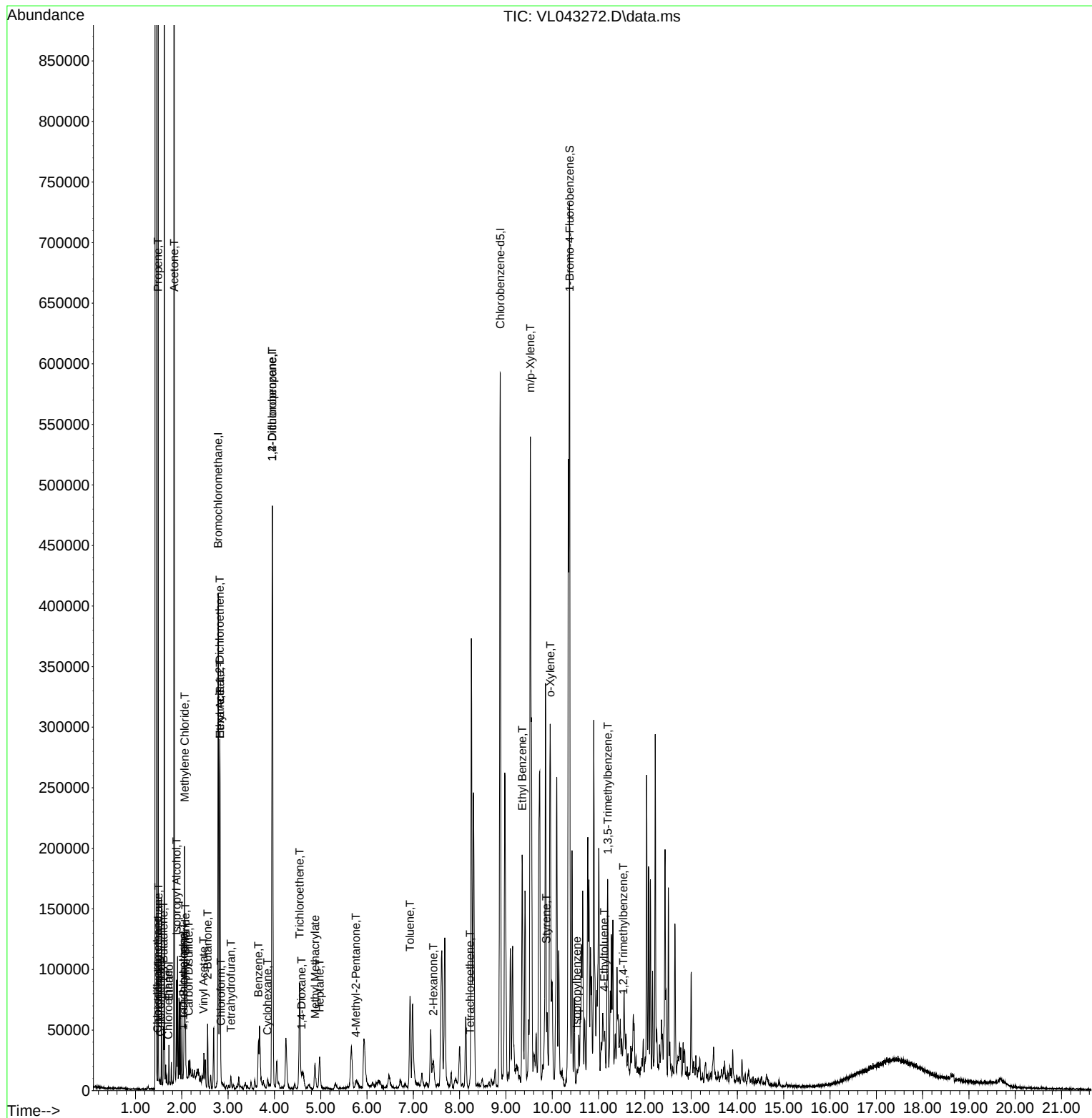
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

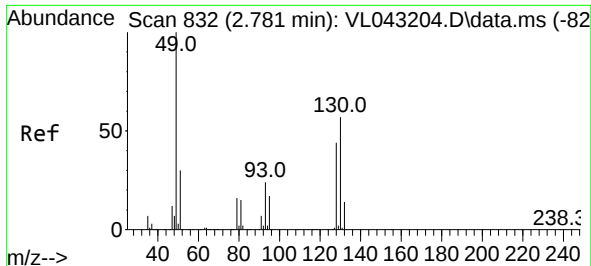
Internal Standards						
1) Bromochloromethane	2.787	49	106259	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	280780	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	229748	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.373	95	176043	10.453	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1785	0.119	ppbv	93
3) Chlorodifluoromethane	1.476	51	1662	0.113	ppbv	96
4) Chloromethane	1.534	50	834	0.149	ppbv #	72
7) Chloroethane	1.706	64	94	0.039	ppbv #	1
9) Propene	1.489	41	108355	17.312	ppbv #	1
10) Heptane	4.978	43	4524	0.243	ppbv #	2
13) Ethanol	1.722	45	10671	4.849	ppbv #	38
15) Acetone	1.835	43	1071340	72.570	ppbv	98
16) 1,3-Butadiene	1.602	39	7073	1.075	ppbv	85
17) tert-Butyl alcohol	2.039	59	3455	0.178	ppbv #	86
18) 1,1-Dichloroethene	2.033	96	483	0.092	ppbv #	43
19) Isopropyl Alcohol	1.887	45	31617	3.790	ppbv #	1
20) Methylene Chloride	2.062	84	28320	6.213	ppbv	90
21) Allyl Chloride	2.078	41	3136	0.316	ppbv #	1
23) Vinyl Acetate	2.473	43	6270	0.352	ppbv #	47
25) Ethyl Acetate	2.826	43	26231	0.824	ppbv #	1
26) Hexane	2.826	57	33415	2.394	ppbv #	43
27) Carbon Disulfide	2.152	76	8058	0.565	ppbv #	67
29) Chloroform	2.845	83	1230	0.062	ppbv	96
30) Cyclohexane	3.852	84	855	0.073	ppbv #	1
31) cis-1,2-Dichloroethene	2.819	61	4797	0.346	ppbv #	26
34) 2-Butanone	2.557	43	30428	1.535	ppbv	99
36) Benzene	3.654	78	24074	0.895	ppbv	97
38) Trichloroethene	4.544	130	21634	2.056	ppbv #	94
39) 1,2-Dichloropropane	3.955	63	71186	7.233	ppbv #	24
40) 1,4-Dioxane	4.586	88	3801	0.859	ppbv #	44
41) Tetrahydrofuran	3.062	42	1990	0.182	ppbv #	66
43) Methyl Methacrylate	4.878	69	4461	0.313	ppbv #	19
50) 4-Methyl-2-Pentanone	5.758	43	2104	0.075	ppbv #	53
51) 2-Hexanone	7.435	43	1977	0.091	ppbv #	1
52) Tetrachloroethene	8.224	164	457	0.046	ppbv	92
53) Toluene	6.930	91	54011	1.696	ppbv	100
58) Ethyl Benzene	9.351	91	90252	2.041	ppbv	100
59) m/p-Xylene	9.529	91	335030	9.450	ppbv	99
60) o-Xylene	9.959	91	107179	3.026	ppbv	100
61) Styrene	9.872	104	479	0.031	ppbv #	1
62) Isopropylbenzene	10.532	105	3177	0.050	ppbv	100
72) 4-Ethyltoluene	11.124	105	2169	0.050	ppbv #	32
73) 1,3,5-Trimethylbenzene	11.202	105	3259	0.090	ppbv #	76
74) 1,2,4-Trimethylbenzene	11.535	105	8313	0.210	ppbv #	50

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

Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Nov 21 00:42:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

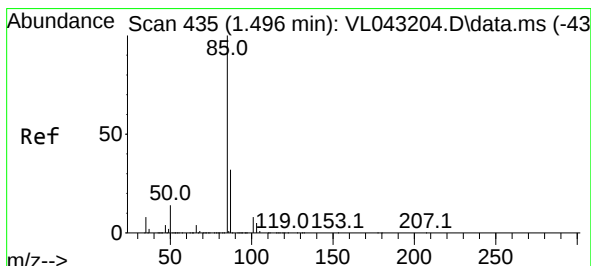
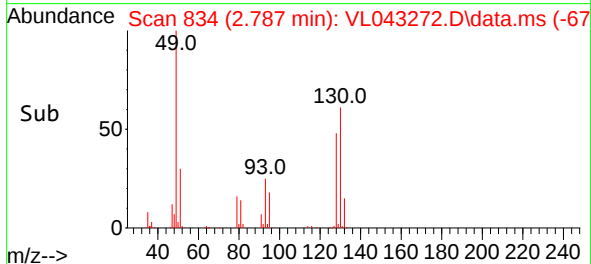
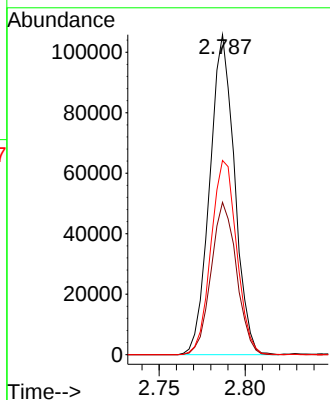
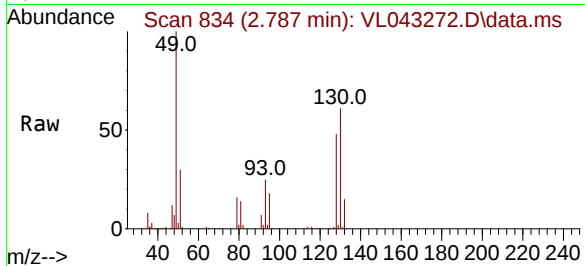




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

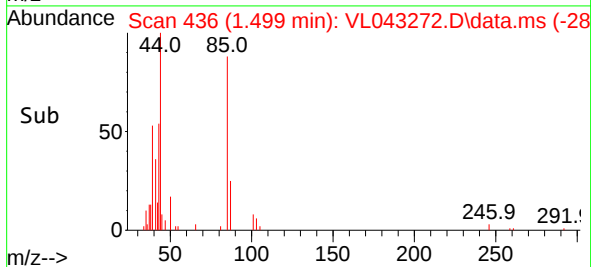
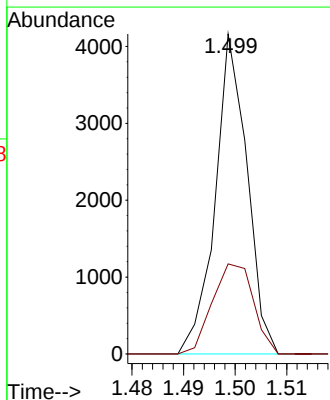
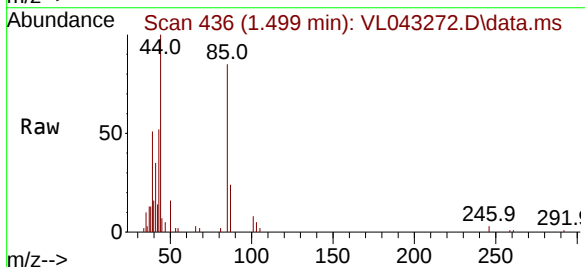
Instrument :
MSVOA_L
ClientSampleId :
SV1

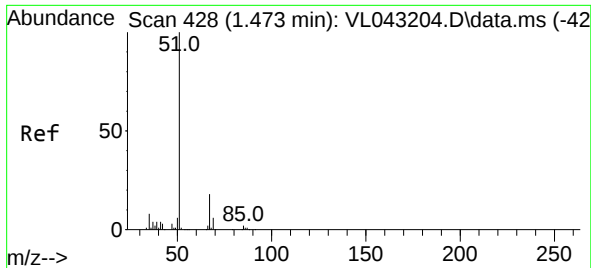
Tgt Ion: 49 Resp: 106259
Ion Ratio Lower Upper
49 100
128 48.6 23.0 69.0
130 62.8 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 85 Resp: 1785
Ion Ratio Lower Upper
85 100
87 28.1 25.4 38.2

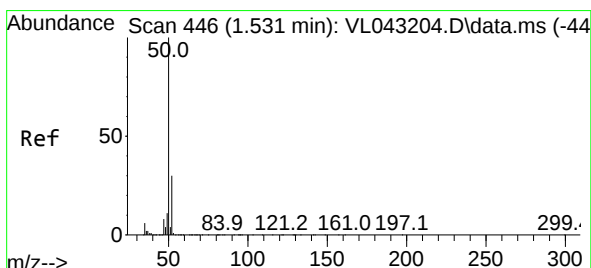
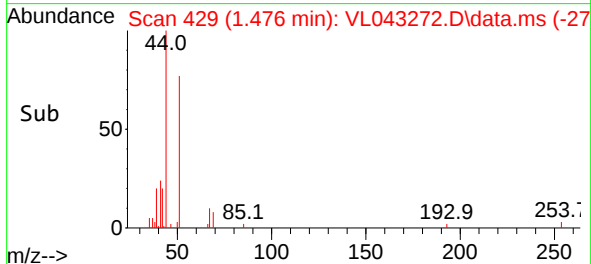
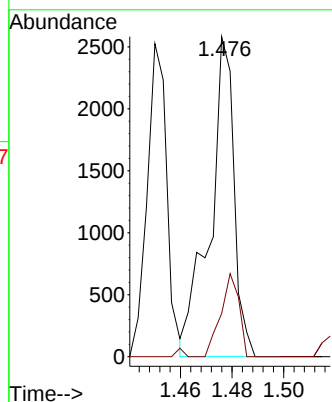
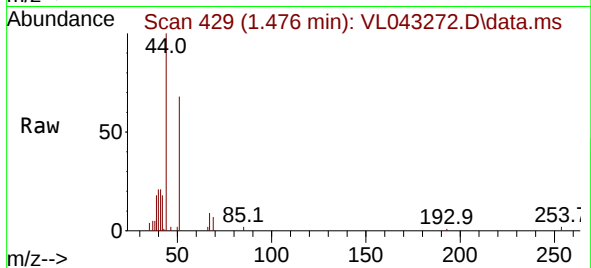




#3
Chlorodifluoromethane
Concen: 0.113 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

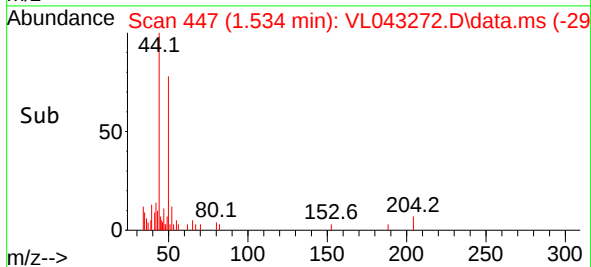
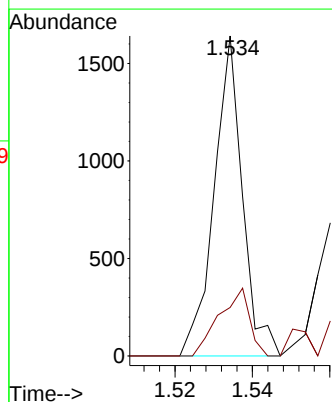
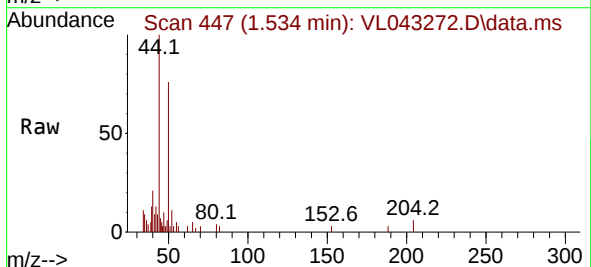
Instrument :
MSVOA_L
ClientSampleId :
SV1

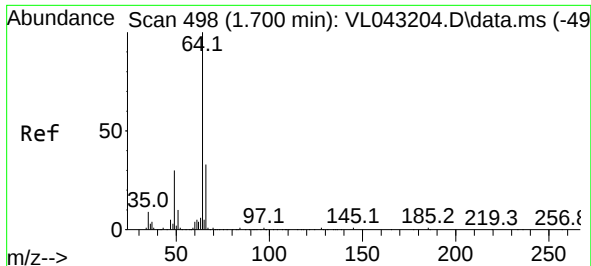
Tgt Ion: 51 Resp: 1662
Ion Ratio Lower Upper
51 100
67 20.5 14.9 22.3



#4
Chloromethane
Concen: 0.149 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 15.2 24.1 36.1#

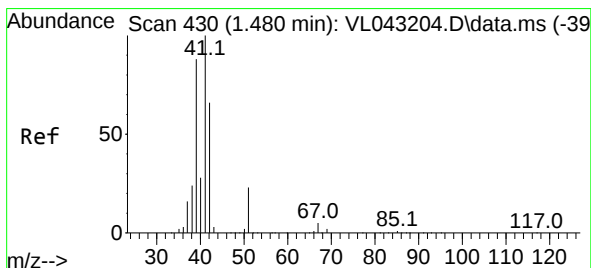
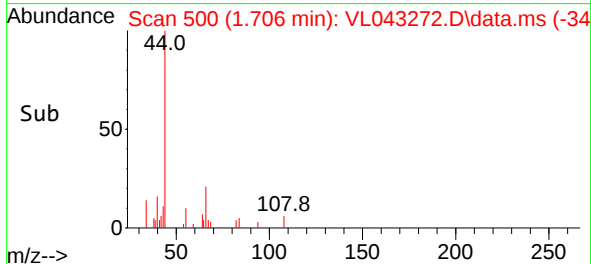
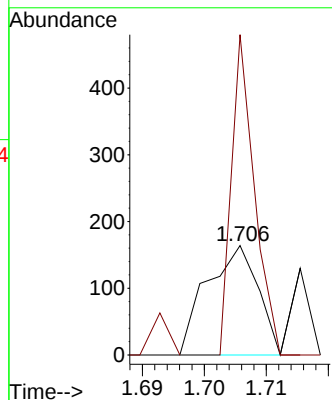
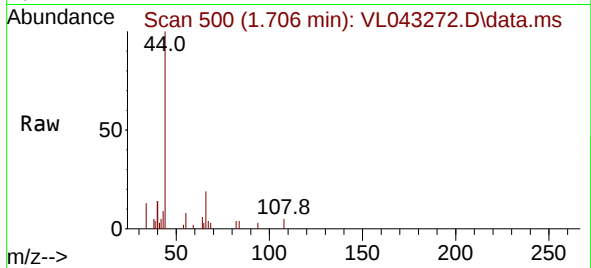




#7
Chloroethane
Concen: 0.039 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

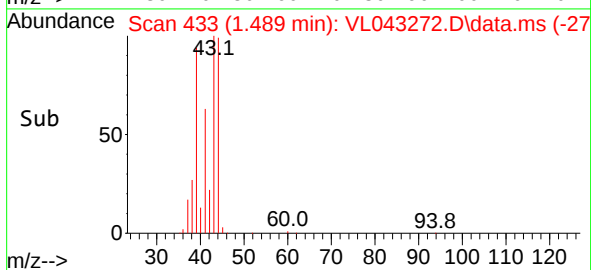
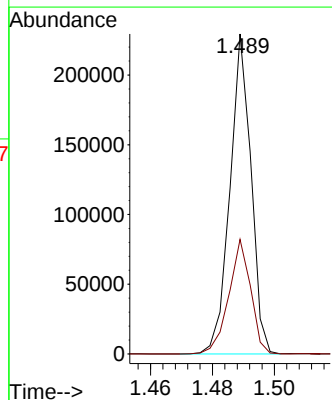
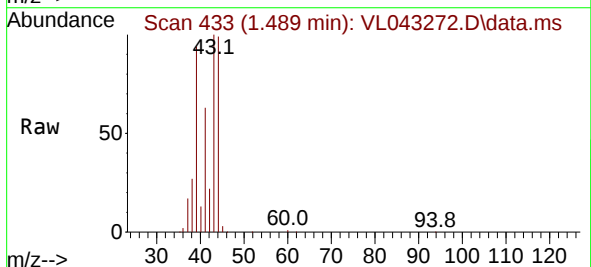
Instrument :
MSVOA_L
ClientSampleId :
SV1

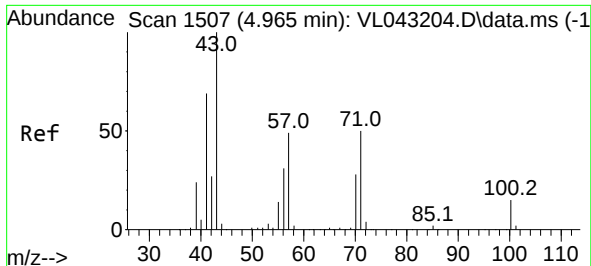
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 195.1 26.8 40.2#



#9
Propene
Concen: 17.312 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.009 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 41 Resp: 108355
Ion Ratio Lower Upper
41 100
42 37.5 3.7 5.5#

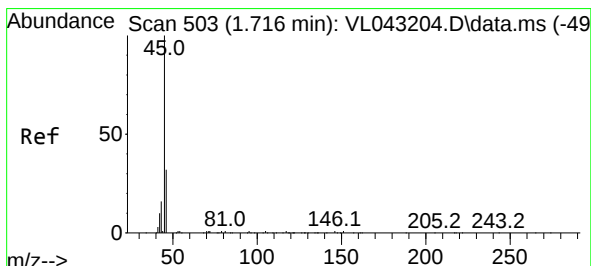
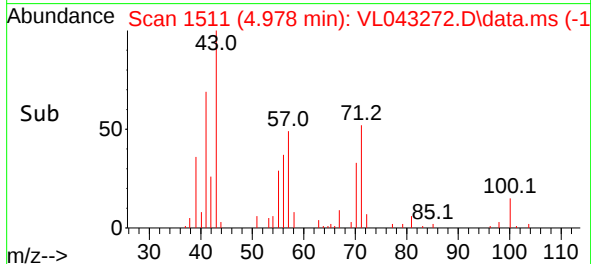
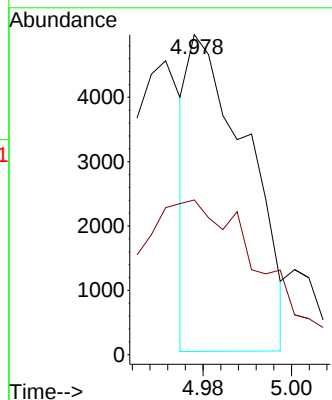
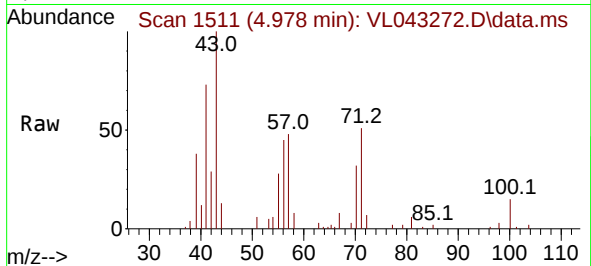




#10
Heptane
Concen: 0.243 ppbv
RT: 4.978 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

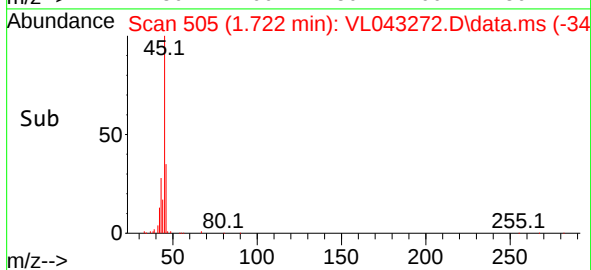
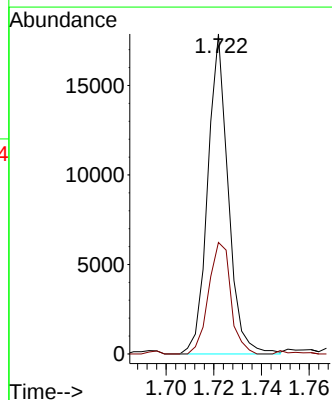
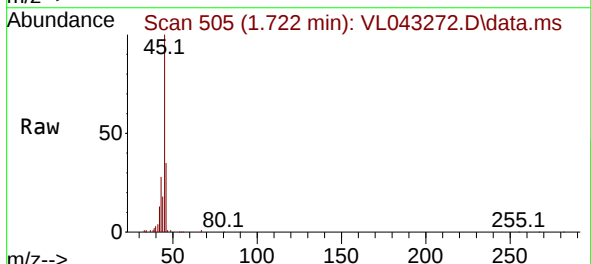
Instrument :
MSVOA_L
ClientSampleId :
SV1

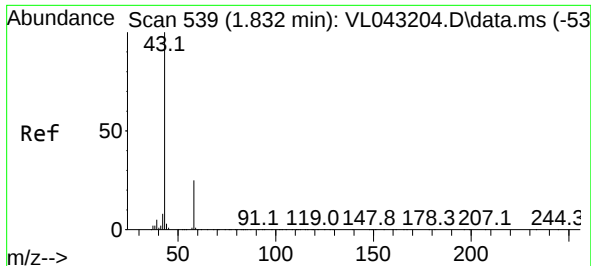
Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
57 116.8 39.7 59.5#



#13
Ethanol
Concen: 4.849 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 45 Resp: 10671
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8#

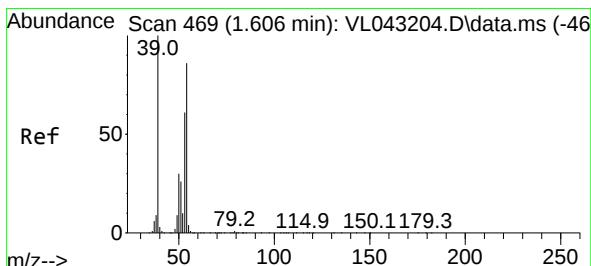
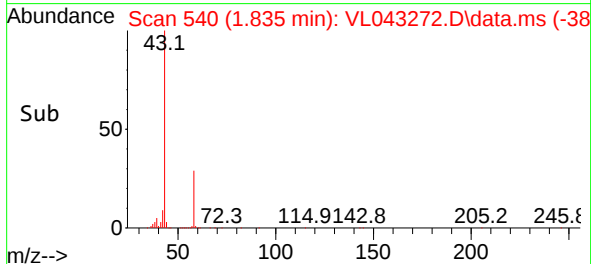
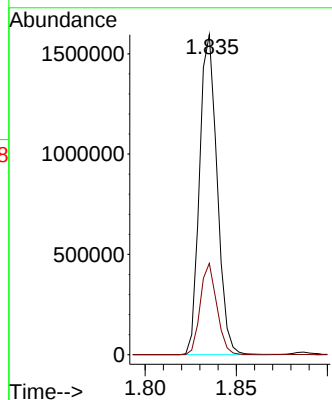
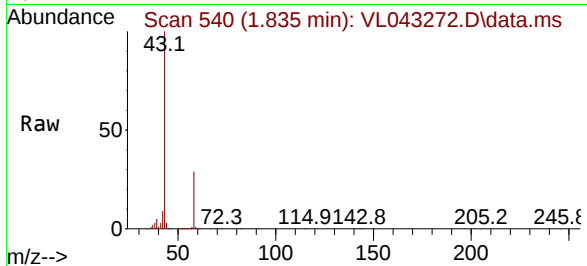




#15
Acetone
Concen: 72.570 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

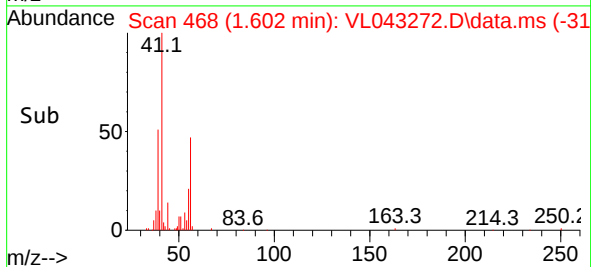
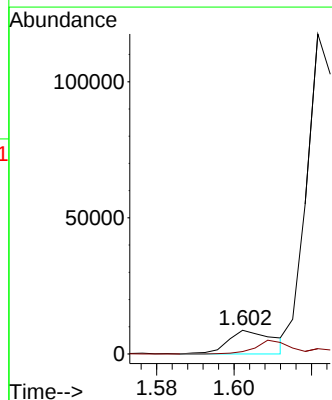
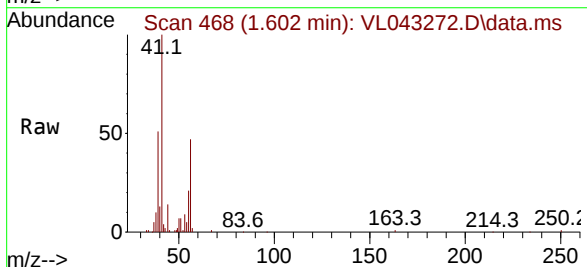
Instrument :
MSVOA_L
ClientSampleId :
SV1

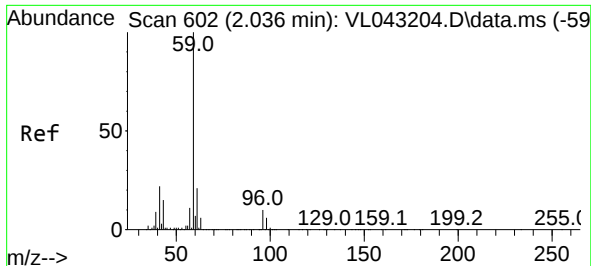
Tgt Ion: 43 Resp: 1071340
Ion Ratio Lower Upper
43 100
58 26.8 20.7 31.1



#16
1,3-Butadiene
Concen: 1.075 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.004 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 39 Resp: 7073
Ion Ratio Lower Upper
39 100
54 61.7 59.4 89.2





#17

tert-Butyl alcohol

Concen: 0.178 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

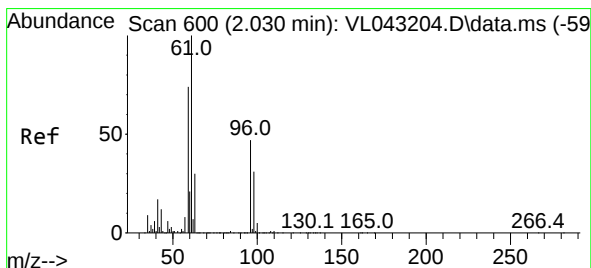
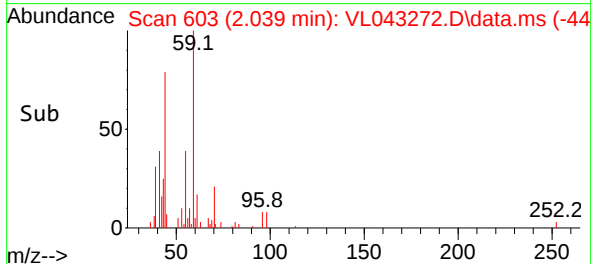
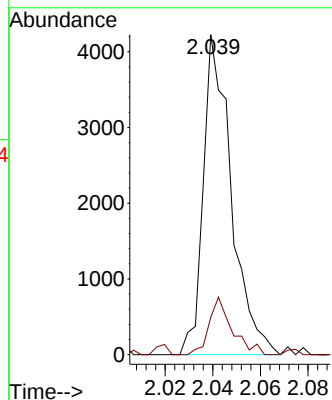
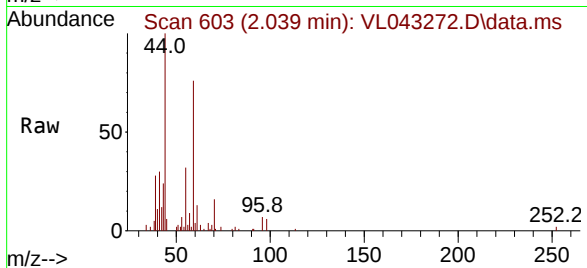
SV1

Tgt Ion: 59 Resp: 3455

Ion Ratio Lower Upper

59 100

57 16.7 9.0 13.4#



#18

1,1-Dichloroethene

Concen: 0.092 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

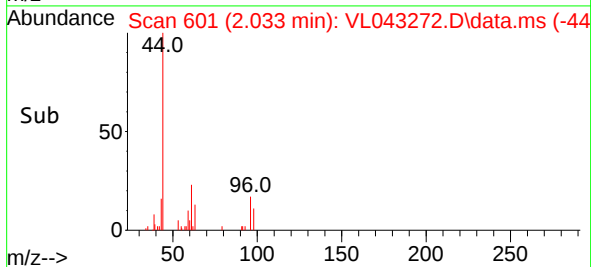
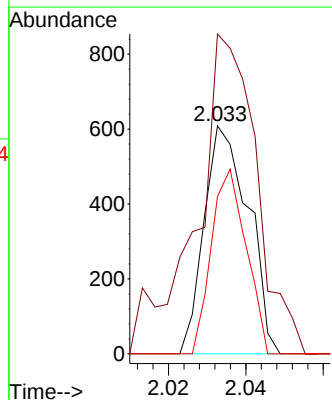
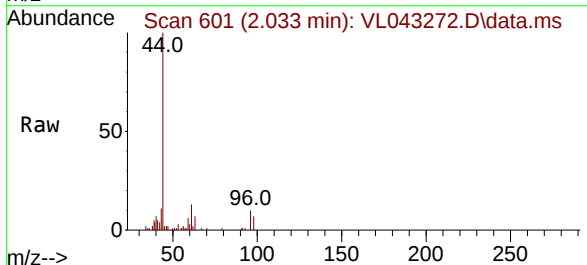
Tgt Ion: 96 Resp: 483

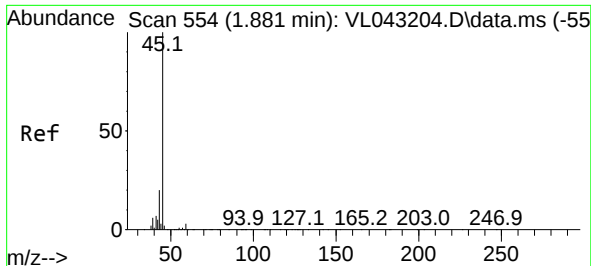
Ion Ratio Lower Upper

96 100

61 97.9 170.6 255.8#

98 69.0 52.2 78.4





#19

Isopropyl Alcohol

Concen: 3.790 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

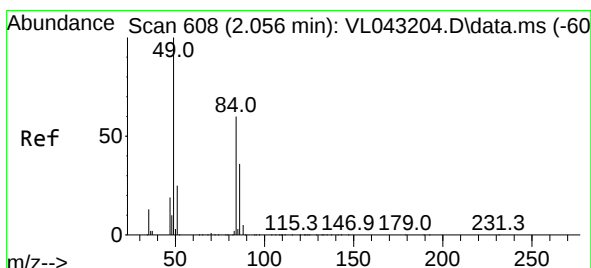
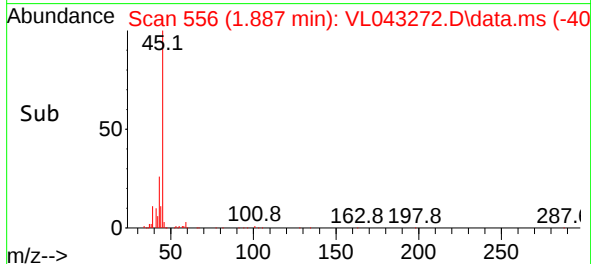
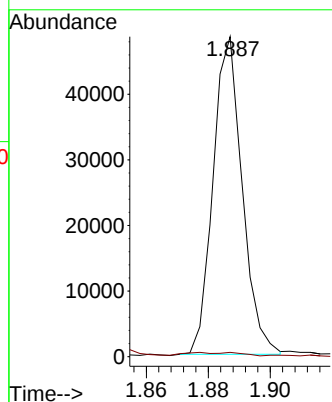
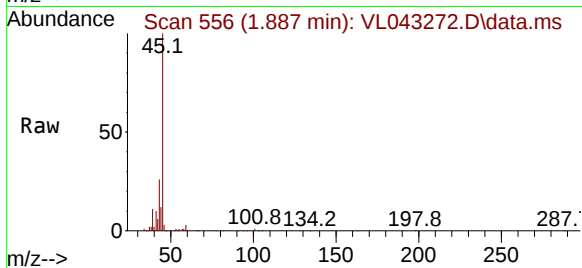
SV1

Tgt Ion: 45 Resp: 31617

Ion Ratio Lower Upper

45 100

58 906.6 31.3 46.9#



#20

Methylene Chloride

Concen: 6.213 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Tgt Ion: 84 Resp: 28320

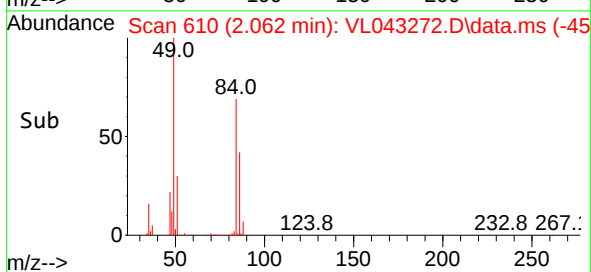
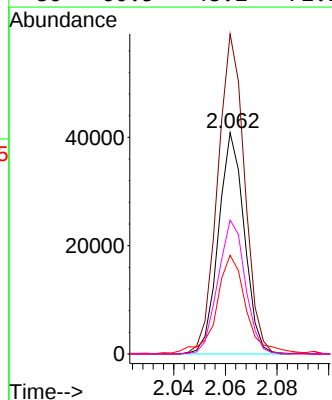
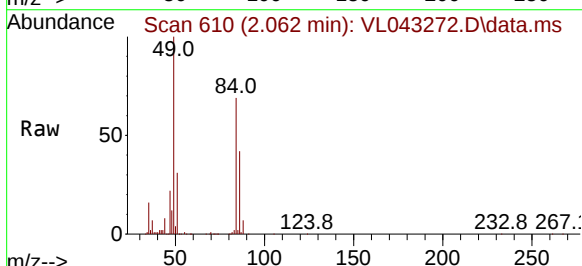
Ion Ratio Lower Upper

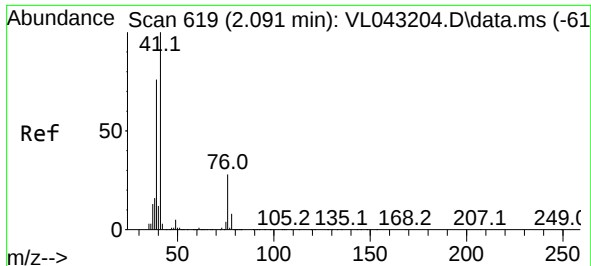
84 100

49 144.0 132.9 199.3

51 43.2 34.8 52.2

86 60.5 48.2 72.2





#21

Allyl Chloride

Concen: 0.316 ppbv

RT: 2.078 min Scan# 61

Delta R.T. -0.013 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

SV1

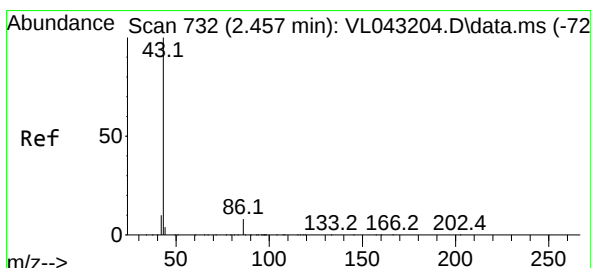
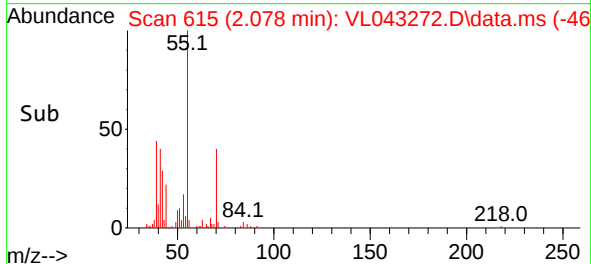
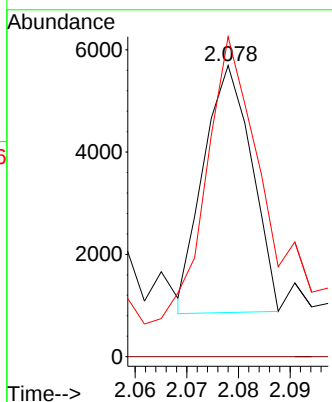
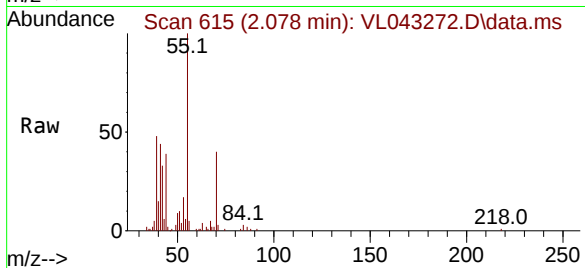
Tgt Ion: 41 Resp: 3136

Ion Ratio Lower Upper

41 100

76 257.0 22.1 33.1#

39 205.2 61.0 91.4#



#23

Vinyl Acetate

Concen: 0.352 ppbv

RT: 2.473 min Scan# 737

Delta R.T. 0.016 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Tgt Ion: 43 Resp: 6270

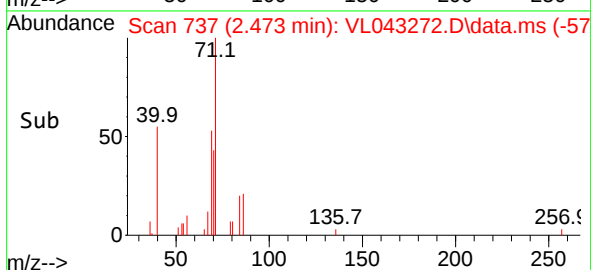
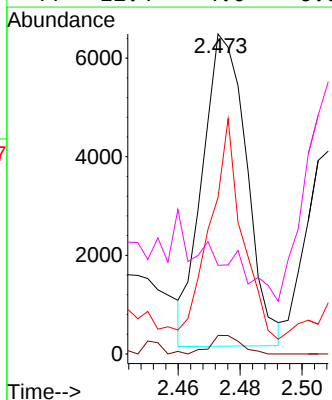
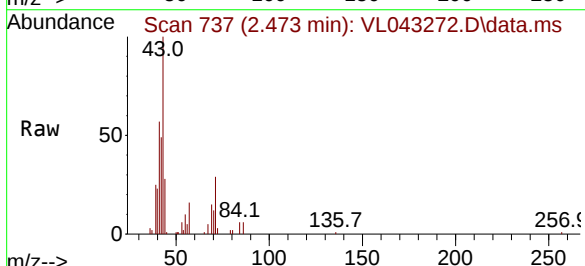
Ion Ratio Lower Upper

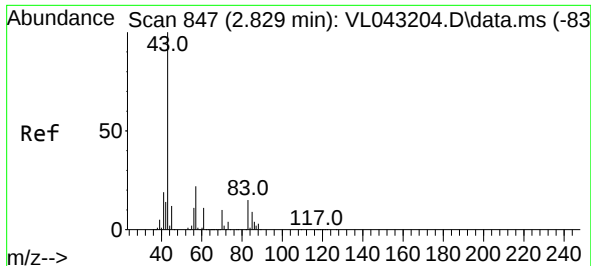
43 100

86 6.4 6.2 9.2

42 49.1 8.0 12.0#

44 12.4 4.0 6.0#

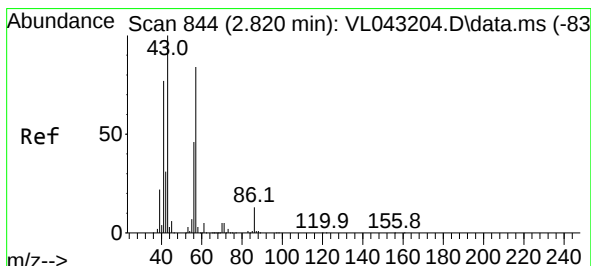
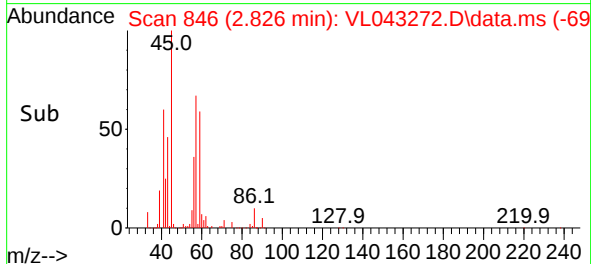
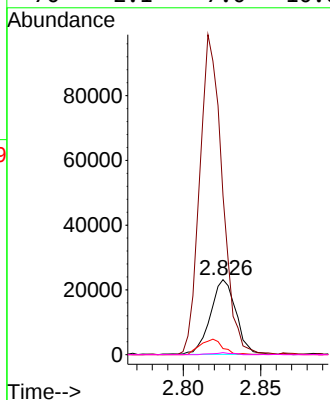
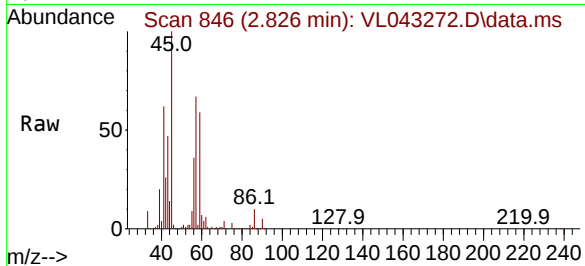




#25
Ethyl Acetate
Concen: 0.824 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.004 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

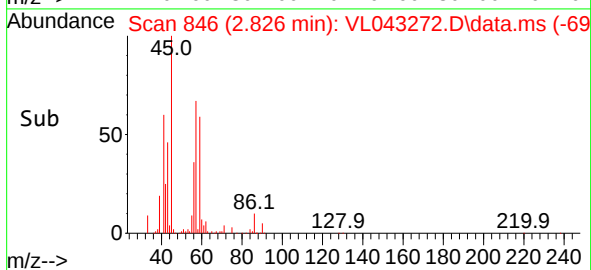
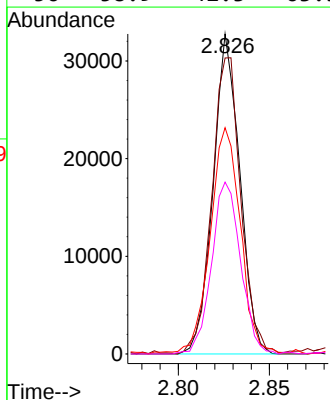
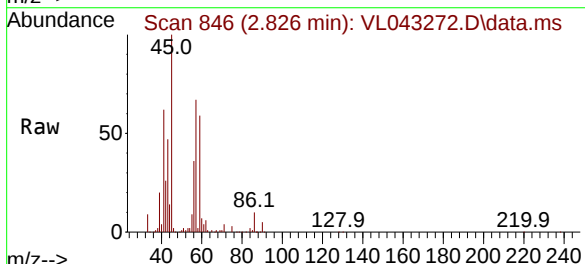
Instrument :
MSVOA_L
ClientSampleId :
SV1

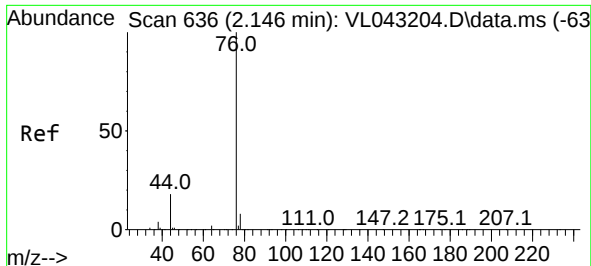
Tgt Ion: 43	Resp: 26231
Ion Ratio	Lower Upper
43 100	
45 385.5	8.1 12.1#
61 19.7	7.0 10.4#
70 2.1	7.0 10.6#



#26
Hexane
Concen: 2.394 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt	Ion: 57	Resp:	33415
Ion	Ratio	Lower	Upper
57	100		
41	99.8	74.6	111.8
43	79.7	179.0	268.4#
56	58.9	42.3	63.5





#27

Carbon Disulfide

Concen: 0.565 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

SV1

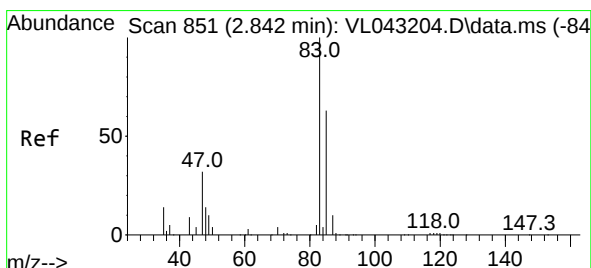
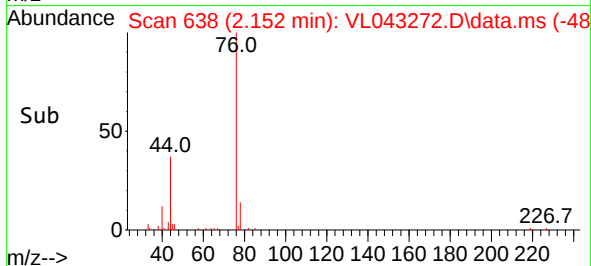
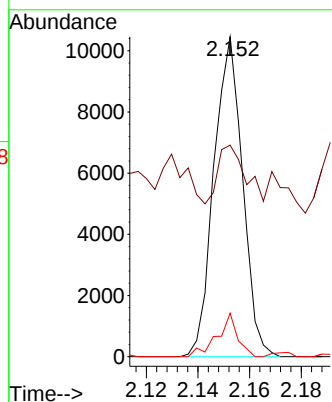
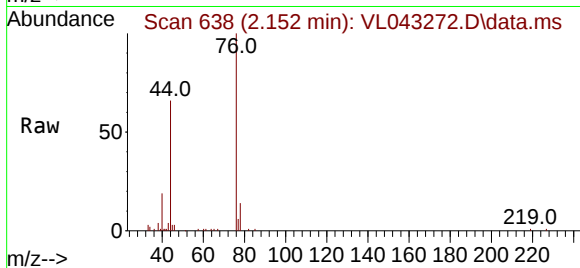
Tgt Ion: 76 Resp: 8058

Ion Ratio Lower Upper

76 100

44 43.6 16.1 24.1#

78 11.0 9.6 14.4



#29

Chloroform

Concen: 0.062 ppbv

RT: 2.845 min Scan# 852

Delta R.T. 0.003 min

Lab File: VL043272.D

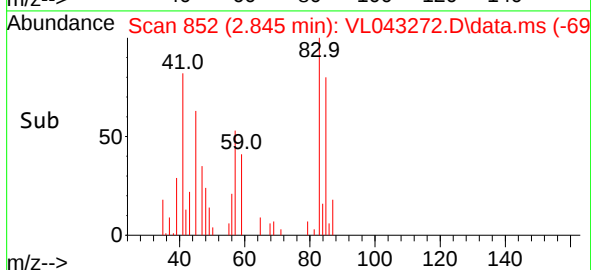
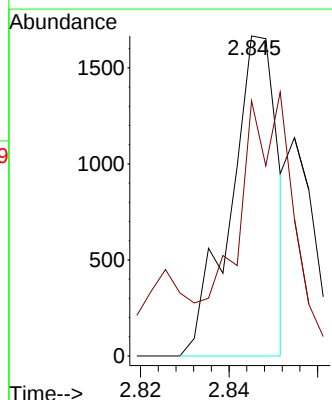
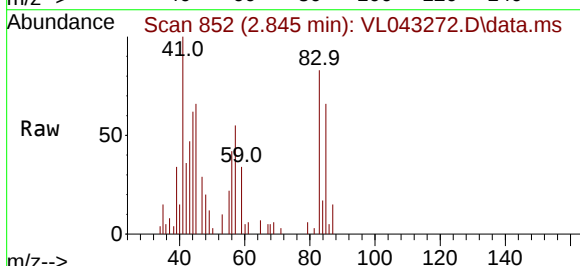
Acq: 20 Nov 2025 19:11

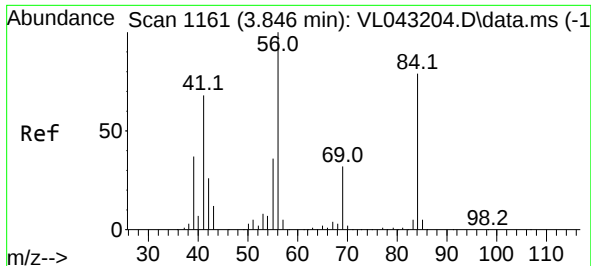
Tgt Ion: 83 Resp: 1230

Ion Ratio Lower Upper

83 100

85 60.1 50.5 75.7

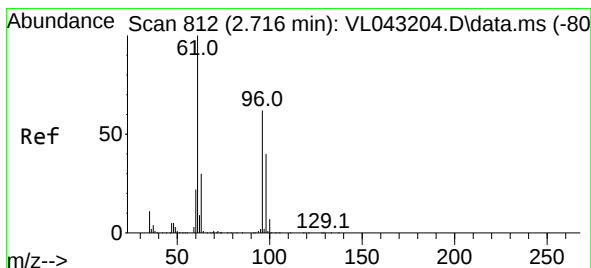
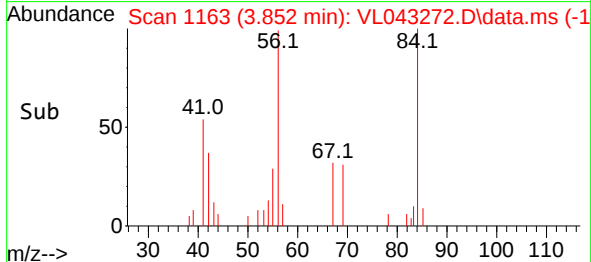
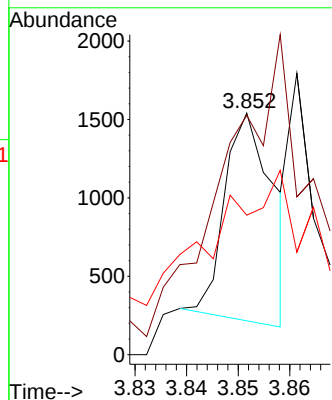
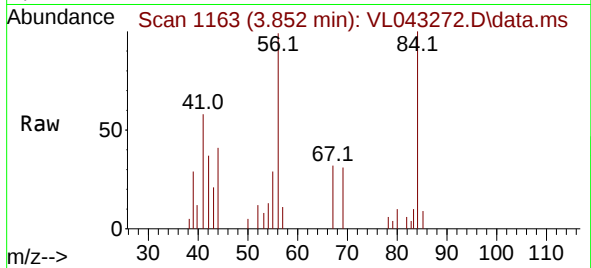




#30
Cyclohexane
Concen: 0.073 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

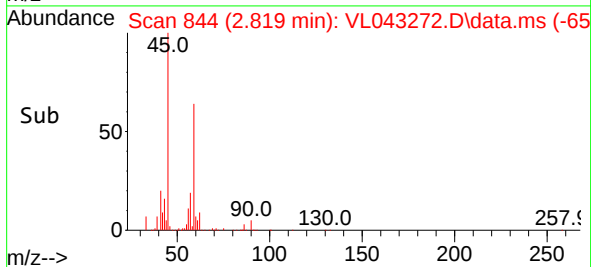
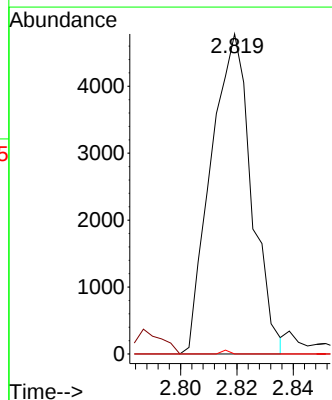
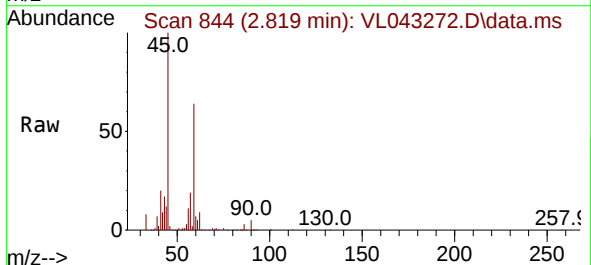
Instrument :
MSVOA_L
ClientSampleId :
SV1

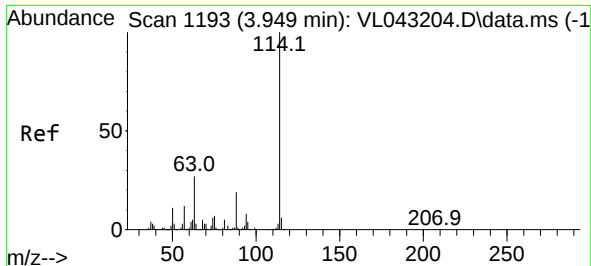
Tgt Ion: 84 Resp: 855
Ion Ratio Lower Upper
84 100
56 0.0 104.7 157.1#
41 0.0 69.0 103.6#



#31
cis-1,2-Dichloroethene
Concen: 0.346 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.103 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 61 Resp: 4797
Ion Ratio Lower Upper
61 100
96 0.0 49.3 73.9#
98 0.0 32.1 48.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

SV1

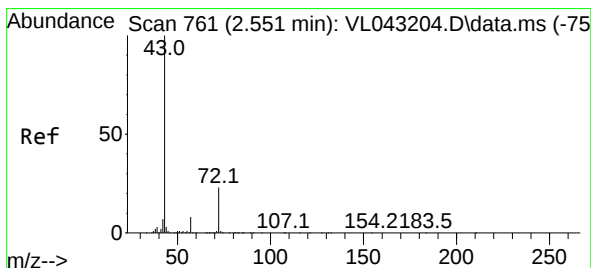
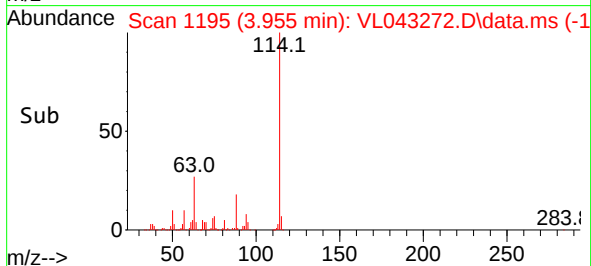
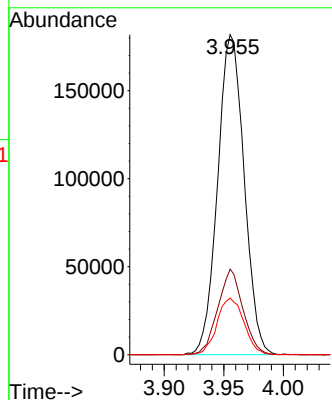
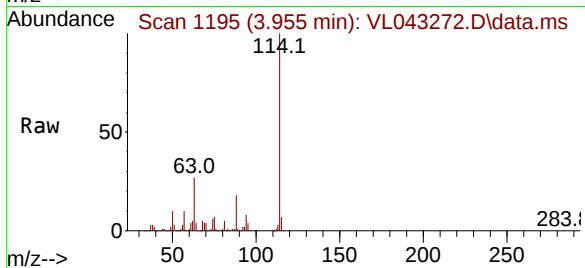
Tgt Ion:114 Resp: 280780

Ion Ratio Lower Upper

114 100

63 25.4 21.0 31.6

88 18.0 14.9 22.3



#34

2-Butanone

Concen: 1.535 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.006 min

Lab File: VL043272.D

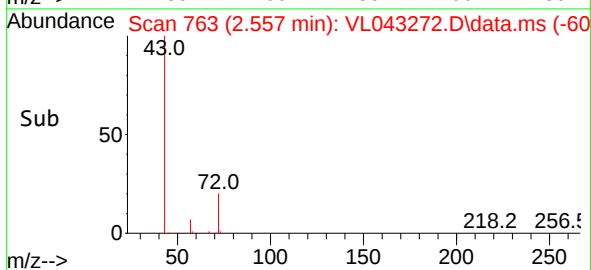
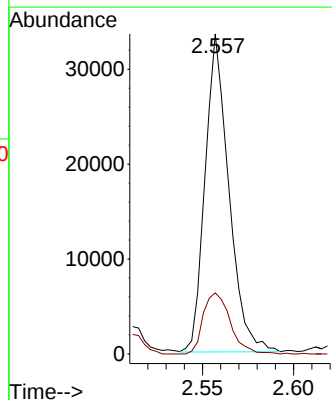
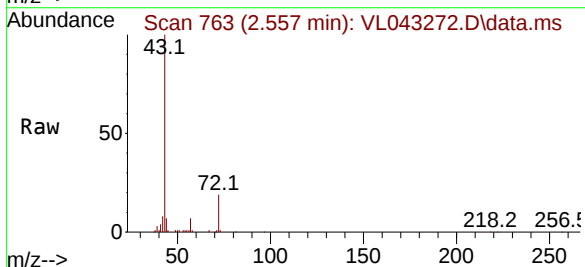
Acq: 20 Nov 2025 19:11

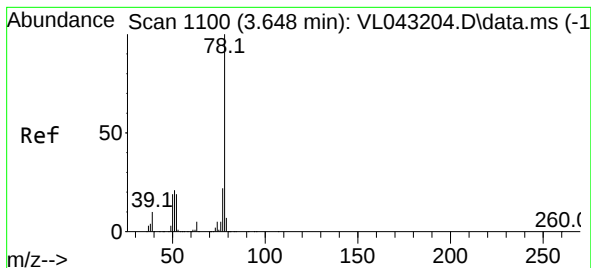
Tgt Ion: 43 Resp: 30428

Ion Ratio Lower Upper

43 100

72 21.9 18.1 27.1





#36

Benzene

Concen: 0.895 ppbv

RT: 3.654 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

SV1

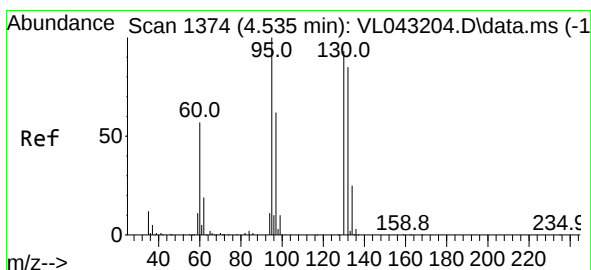
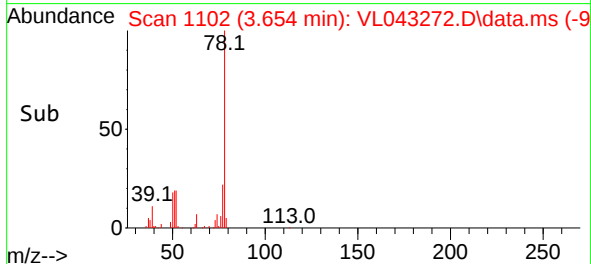
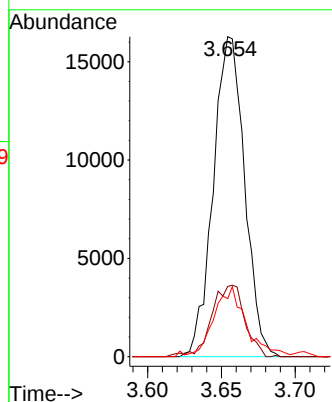
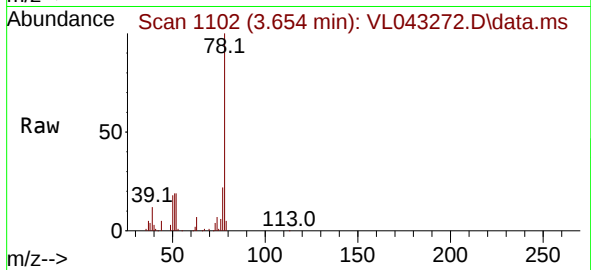
Tgt Ion: 78 Resp: 24074

Ion Ratio Lower Upper

78 100

77 21.9 17.5 26.3

50 16.4 15.5 23.3



#38

Trichloroethene

Concen: 2.056 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. 0.009 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Tgt Ion: 130 Resp: 21634

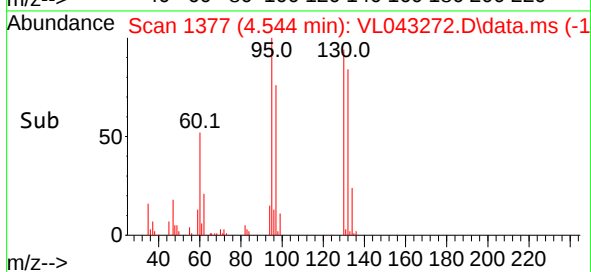
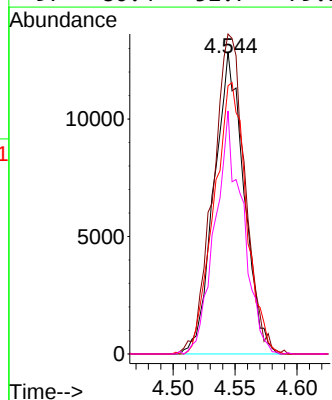
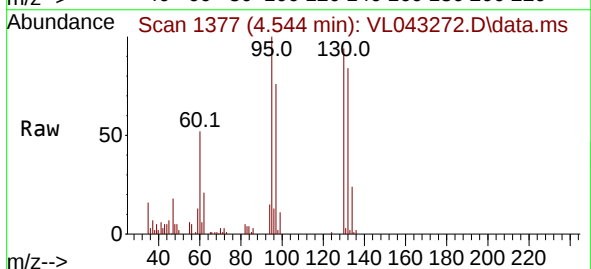
Ion Ratio Lower Upper

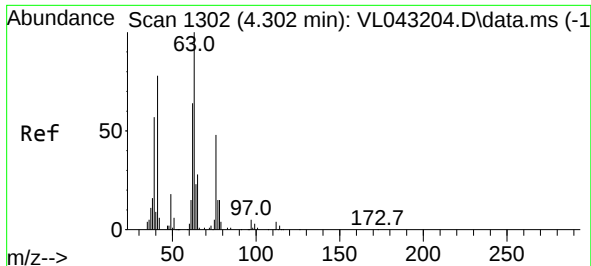
130 100

95 105.5 85.7 128.5

132 88.7 73.4 110.0

97 80.4 52.7 79.1#





#39

1,2-Dichloropropane

Concen: 7.233 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.347 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

SV1

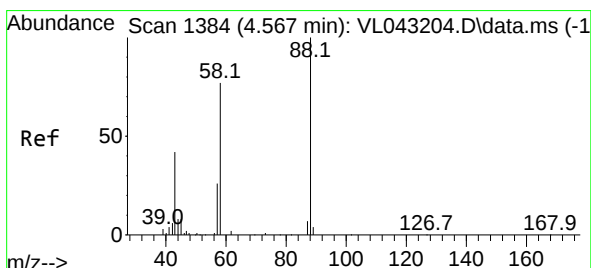
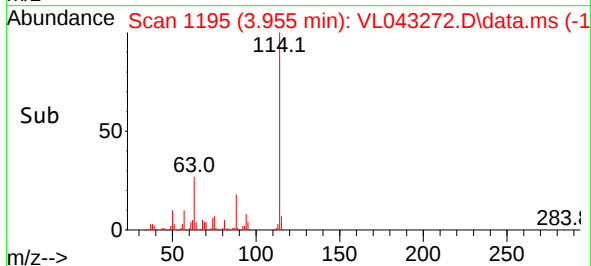
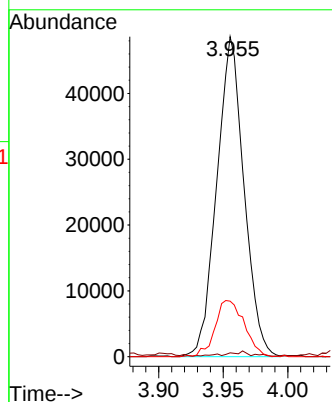
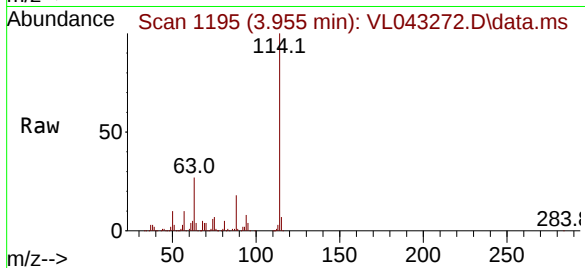
Tgt Ion: 63 Resp: 71186

Ion Ratio Lower Upper

63 100

41 0.9 62.6 93.8#

62 17.4 51.0 76.6#



#40

1,4-Dioxane

Concen: 0.859 ppbv

RT: 4.586 min Scan# 1390

Delta R.T. 0.019 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Tgt Ion: 88 Resp: 3801

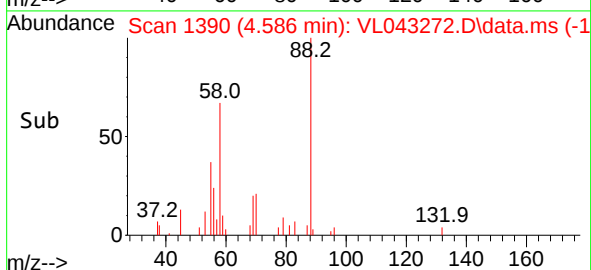
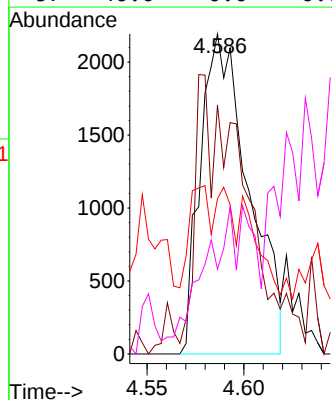
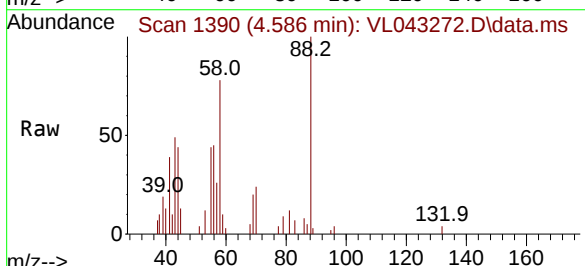
Ion Ratio Lower Upper

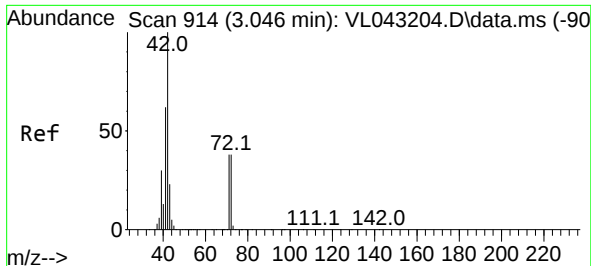
88 100

58 102.5 63.0 94.6#

43 110.2 32.5 48.7#

57 46.0 0.0 0.0#

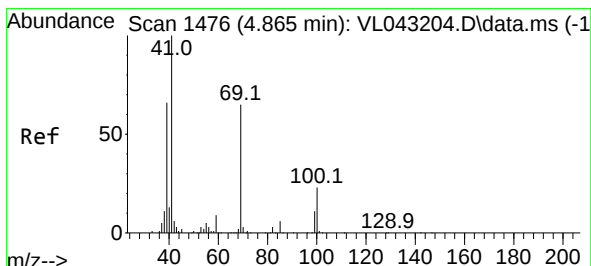
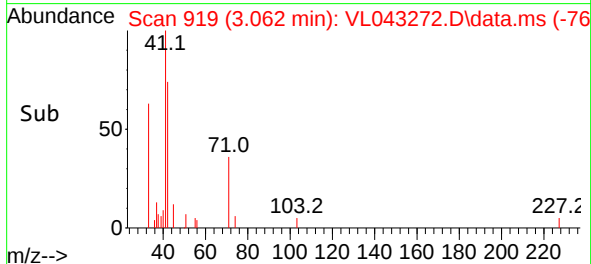
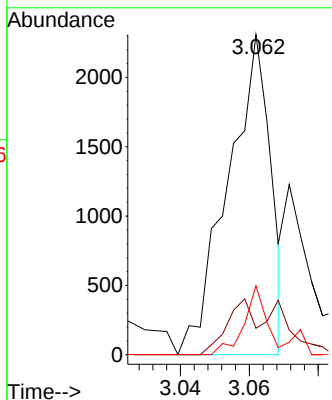
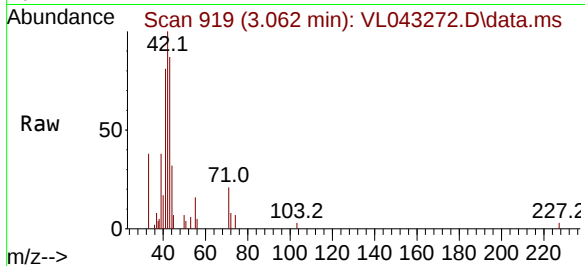




#41
Tetrahydrofuran
Concen: 0.182 ppbv
RT: 3.062 min Scan# 914
Delta R.T. 0.016 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

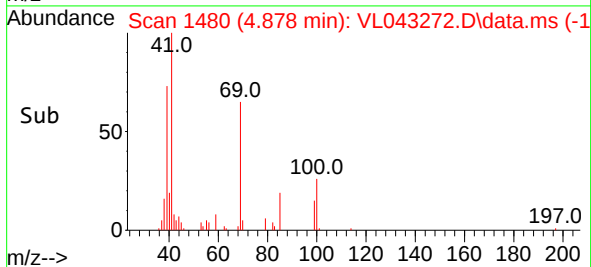
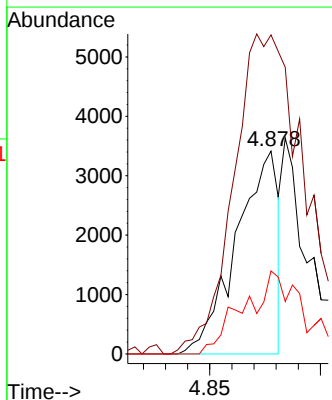
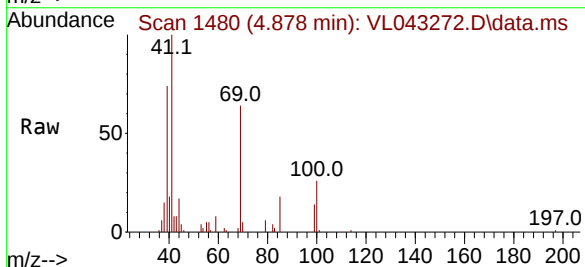
Instrument :
MSVOA_L
ClientSampleId :
SV1

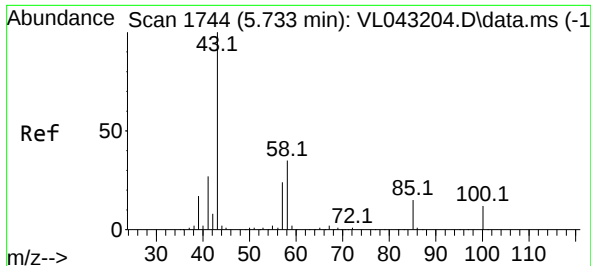
Tgt Ion: 42 Resp: 1990
Ion Ratio Lower Upper
42 100
72 21.3 30.6 46.0#
71 13.9 30.5 45.7#



#43
Methyl Methacrylate
Concen: 0.313 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. 0.012 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 69 Resp: 4461
Ion Ratio Lower Upper
69 100
41 277.0 126.7 190.1#
100 59.2 28.6 43.0#

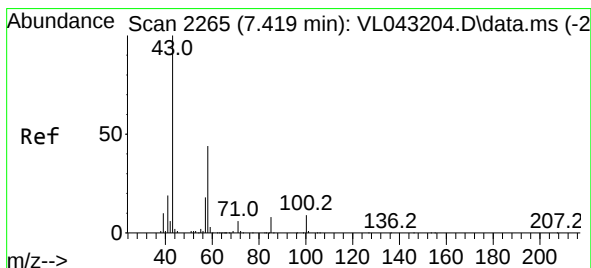
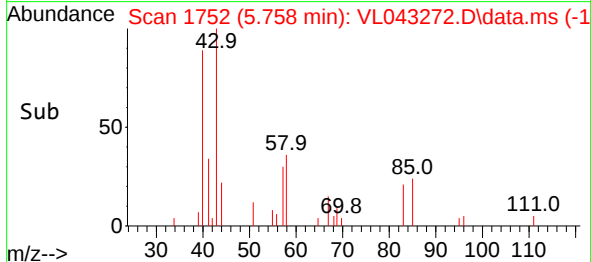
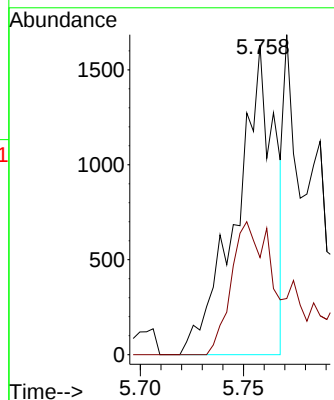
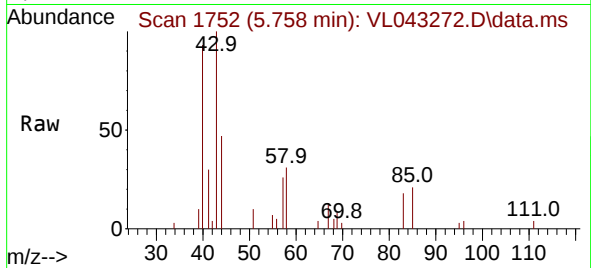




#50
4-Methyl-2-Pentanone
Concen: 0.075 ppbv
RT: 5.758 min Scan# 11
Delta R.T. 0.025 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

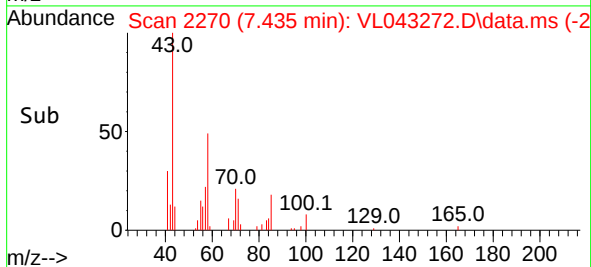
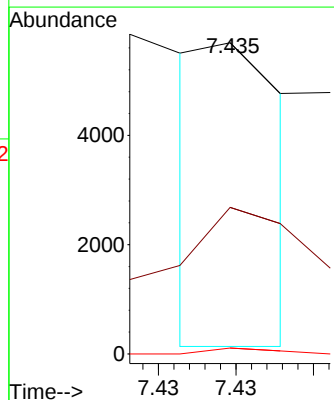
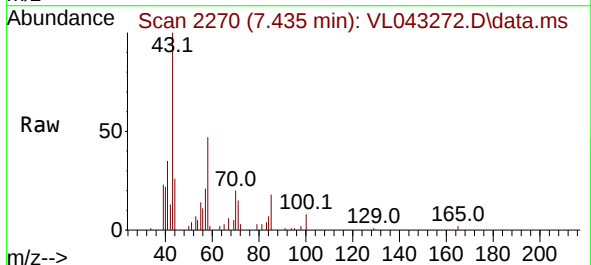
Instrument :
MSVOA_L
ClientSampleId :
SV1

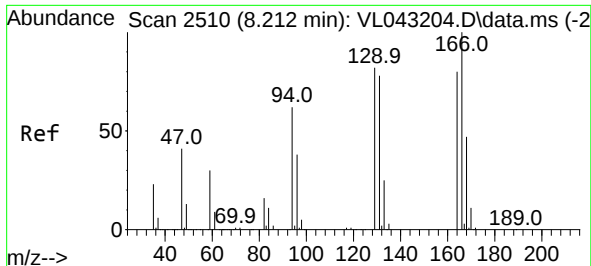
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 63.1 28.4 42.6#



#51
2-Hexanone
Concen: 0.091 ppbv
RT: 7.435 min Scan# 2270
Delta R.T. 0.016 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 199.4 38.4 57.6#
98 0.0 0.0 0.0

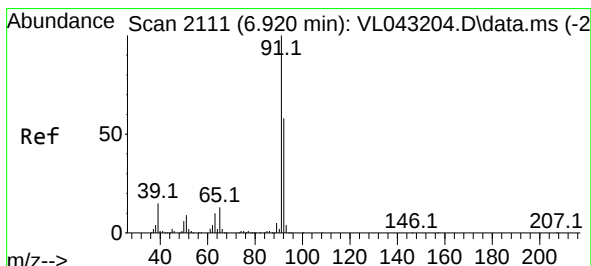
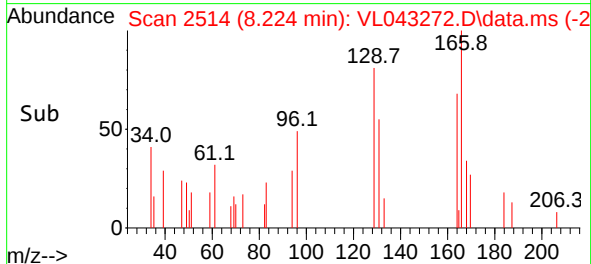
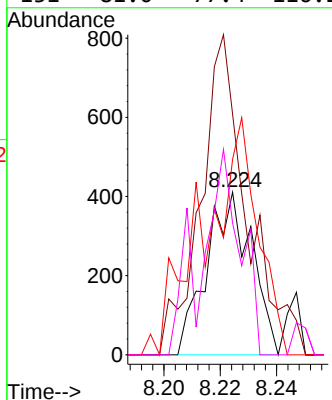
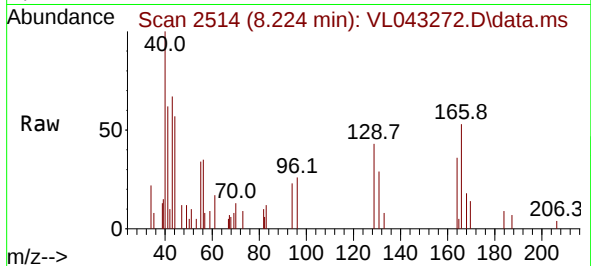




#52
Tetrachloroethene
Concen: 0.046 ppbv
RT: 8.224 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

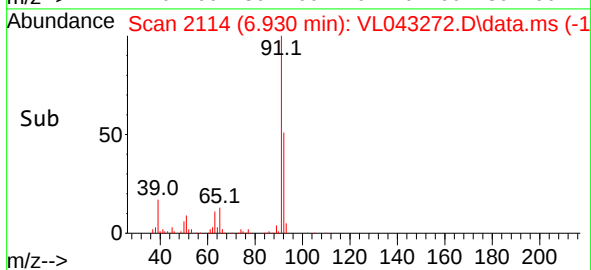
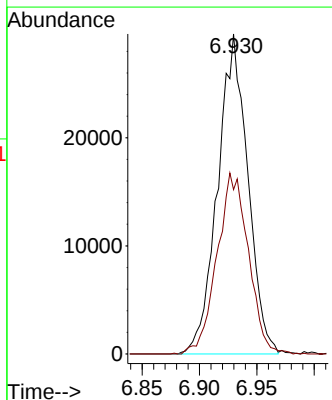
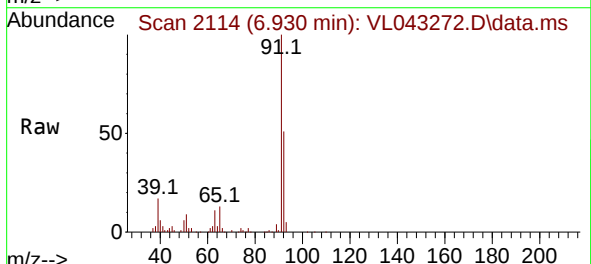
Instrument :
MSVOA_L
ClientSampleId :
SV1

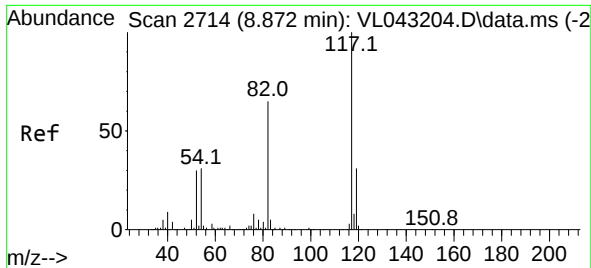
Tgt Ion:164 Resp: 457
Ion Ratio Lower Upper
164 100
166 120.2 99.4 149.2
129 95.4 81.8 122.8
131 81.0 77.4 116.2



#53
Toluene
Concen: 1.696 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. 0.009 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 91 Resp: 54011
Ion Ratio Lower Upper
91 100
92 59.1 47.4 71.0

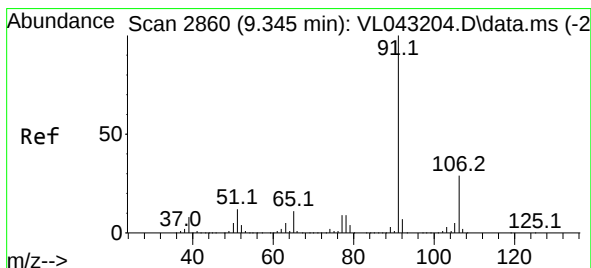
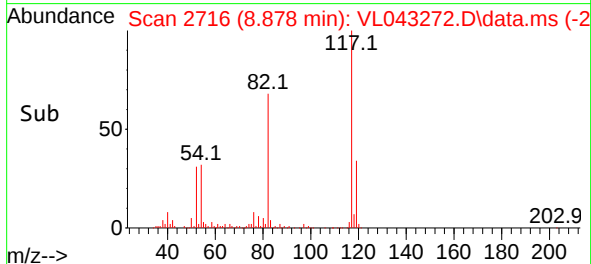
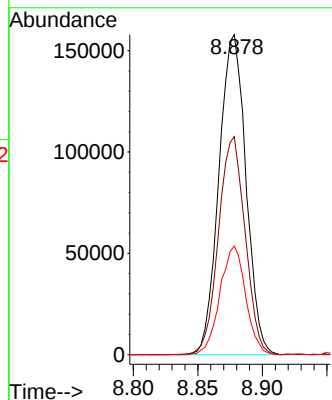
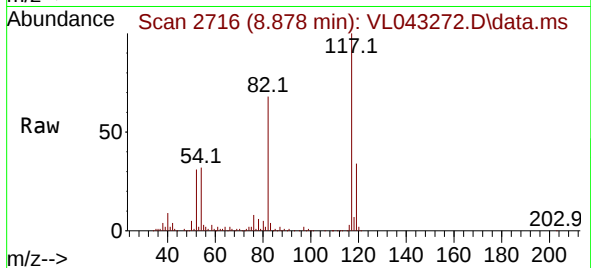




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

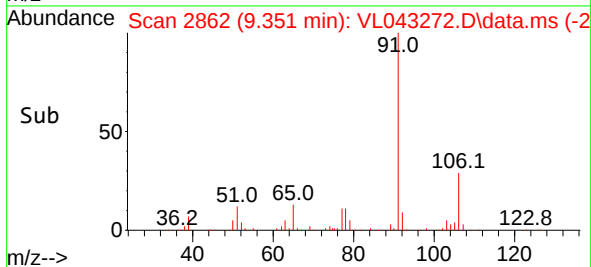
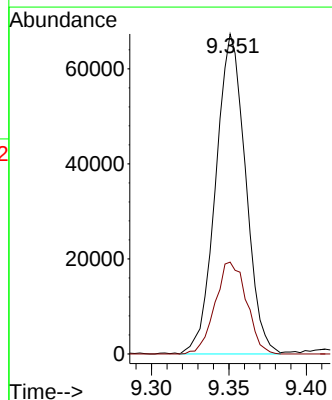
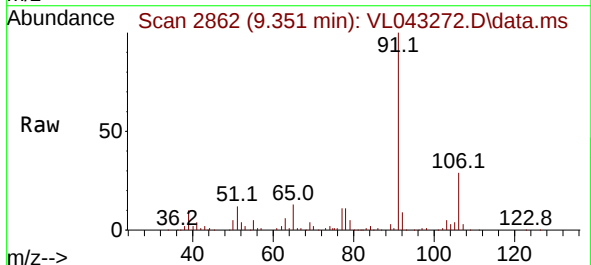
Instrument :
MSVOA_1
ClientSampleId :
SV1

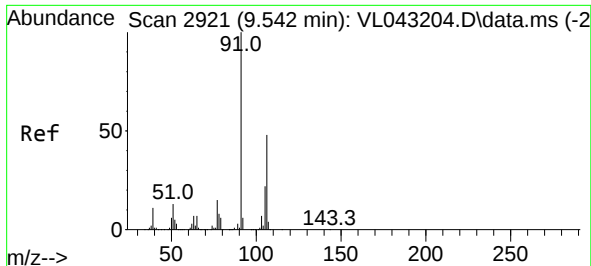
Tgt Ion:117 Resp: 229748
Ion Ratio Lower Upper
117 100
82 67.2 56.1 84.1
119 32.4 25.0 37.6



#58
Ethyl Benzene
Concen: 2.041 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 91 Resp: 90252
Ion Ratio Lower Upper
91 100
106 28.7 22.8 34.2





#59

m/p-Xylene

Concen: 9.450 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.013 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_L

ClientSampleId :

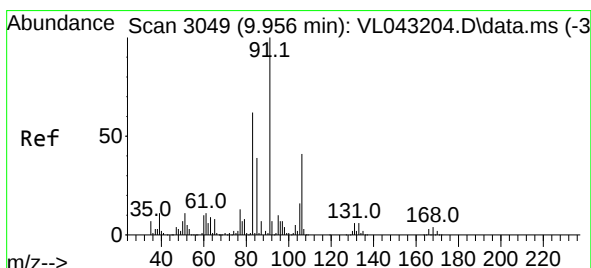
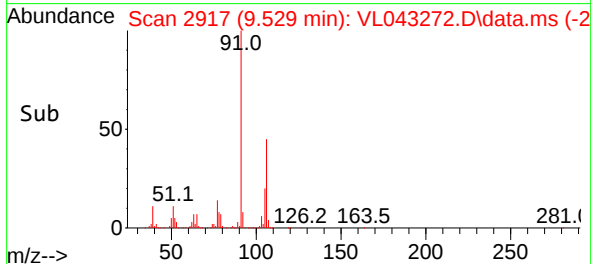
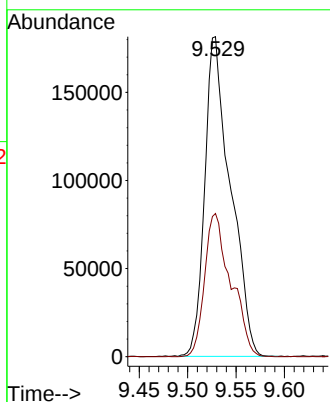
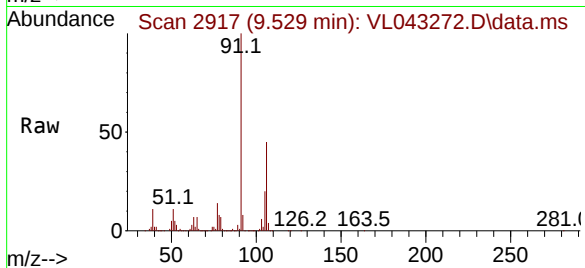
SV1

Tgt Ion: 91 Resp: 335030

Ion Ratio Lower Upper

91 100

106 45.8 36.1 54.1



#60

o-Xylene

Concen: 3.026 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VL043272.D

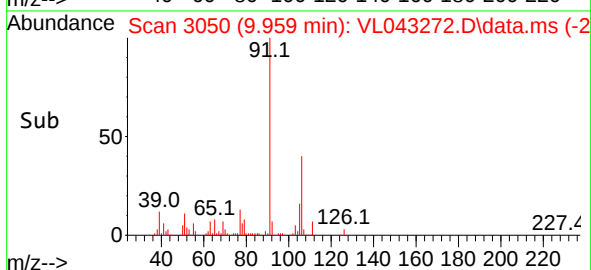
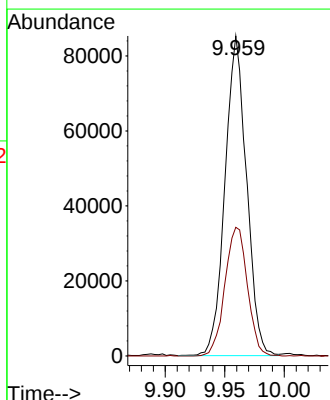
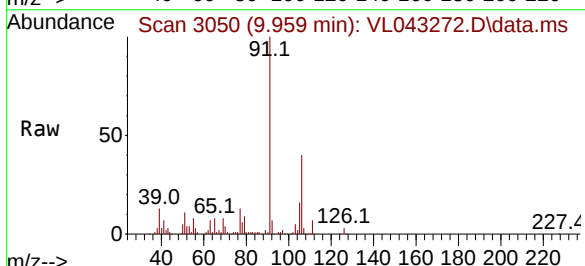
Acq: 20 Nov 2025 19:11

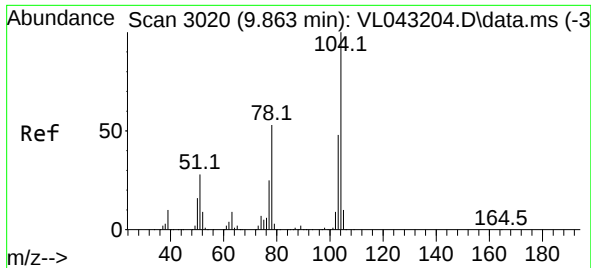
Tgt Ion: 91 Resp: 107179

Ion Ratio Lower Upper

91 100

106 42.0 20.9 62.8

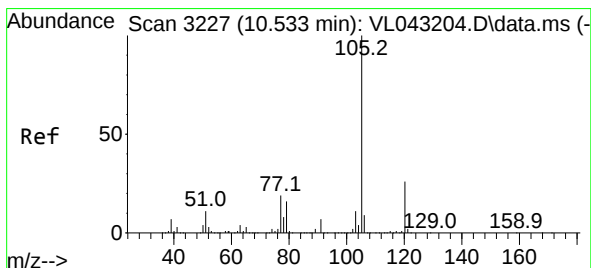
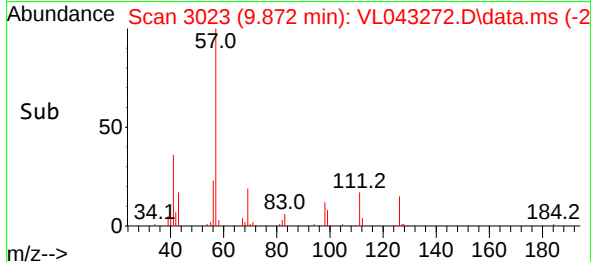
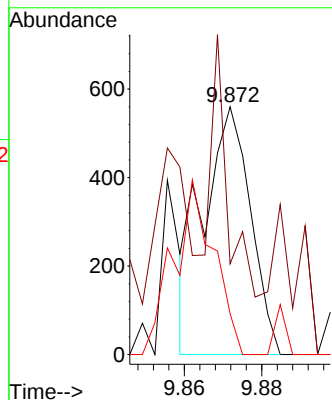
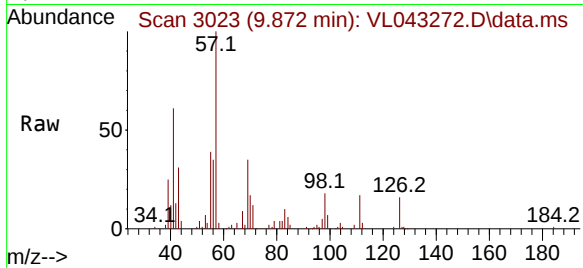




#61
Styrene
Concen: 0.031 ppbv
RT: 9.872 min Scan# 3020
Delta R.T. 0.009 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

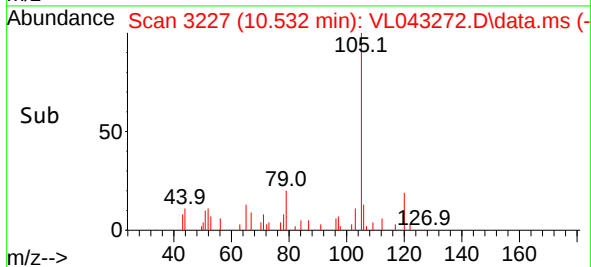
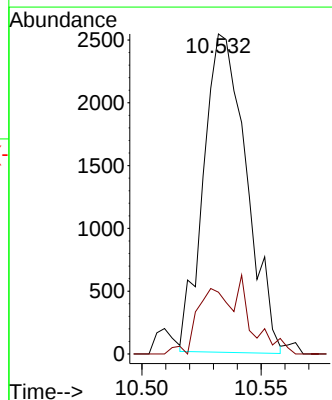
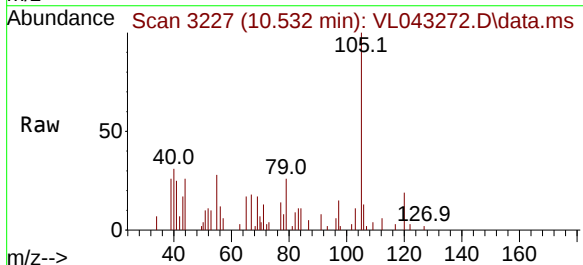
Instrument :
MSVOA_L
ClientSampleId :
SV1

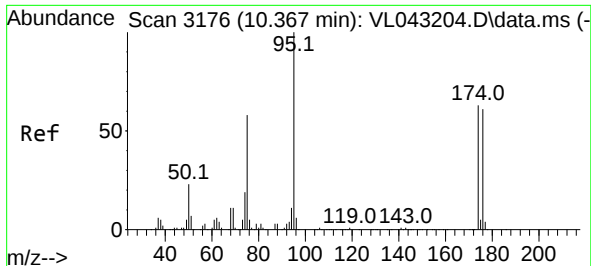
Tgt Ion:104 Resp: 479
Ion Ratio Lower Upper
104 100
78 179.1 42.1 63.1#
103 0.0 37.2 55.8#



#62
Isopropylbenzene
Concen: 0.050 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.000 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion:105 Resp: 3177
Ion Ratio Lower Upper
105 100
120 24.6 19.8 29.8

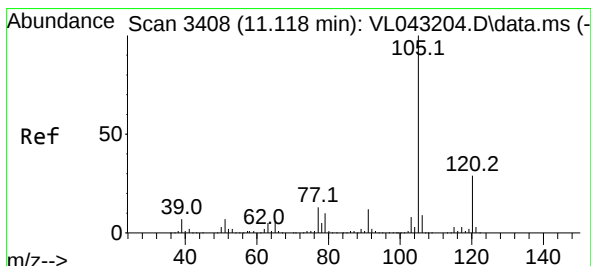
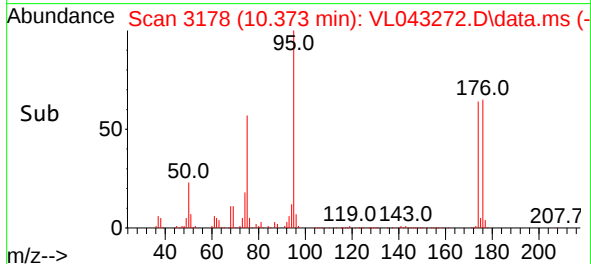
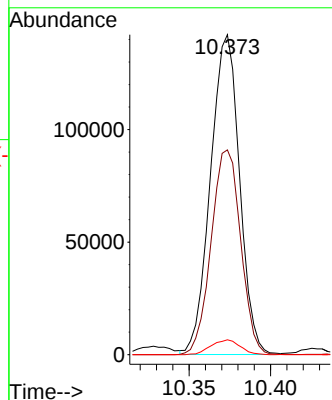
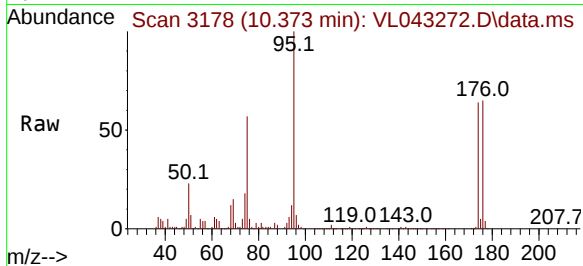




#68
1-Bromo-4-Fluorobenzene
Concen: 10.453 ppbv
RT: 10.373 min Scan# 3176
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

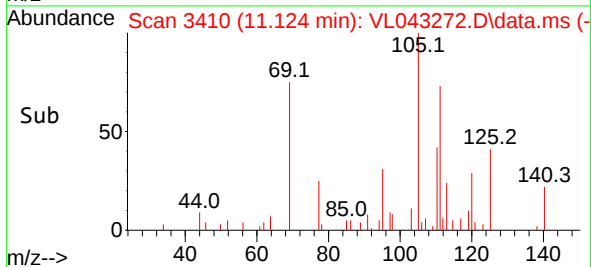
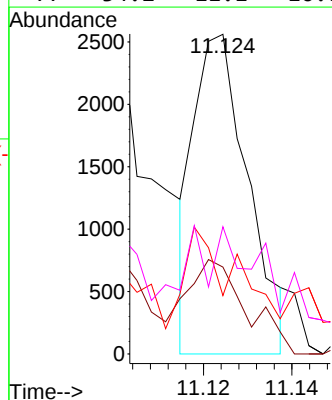
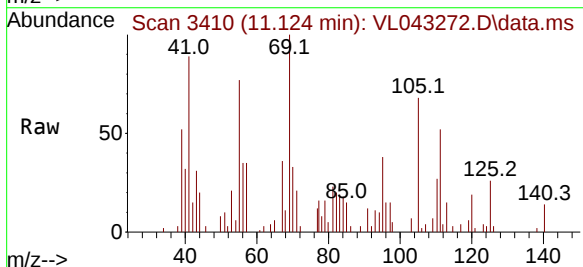
Instrument :
MSVOA_L
ClientSampleId :
SV1

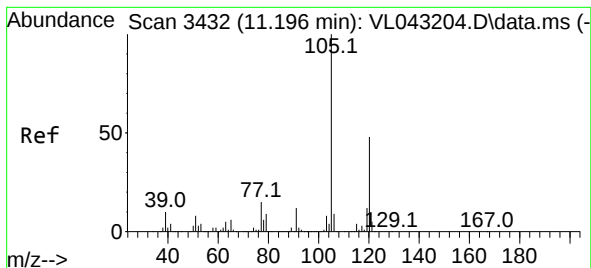
Tgt Ion: 95 Resp: 176043
Ion Ratio Lower Upper
95 100
174 65.0 50.2 75.2
175 4.7 4.1 6.1



#72
4-Ethyltoluene
Concen: 0.050 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. 0.006 min
Lab File: VL043272.D
Acq: 20 Nov 2025 19:11

Tgt Ion: 105 Resp: 2169
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 59.4 10.3 15.5#
77 34.2 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.090 ppbv

RT: 11.202 min Scan# 3432

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Instrument :

MSVOA_1

ClientSampleId :

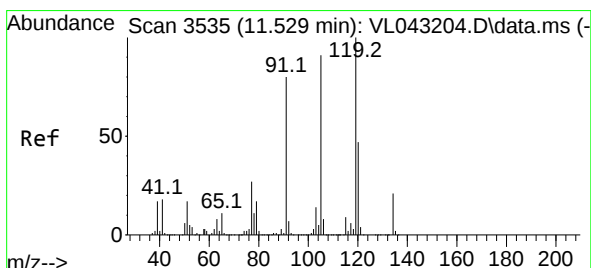
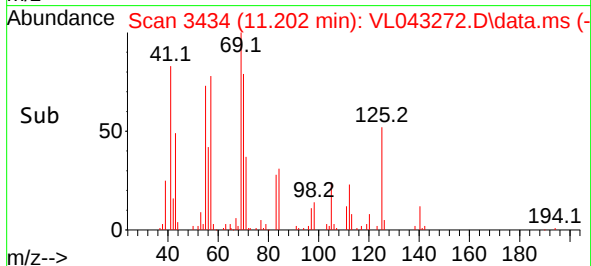
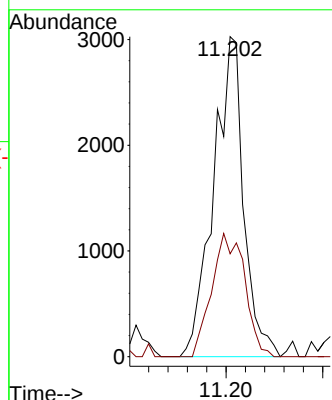
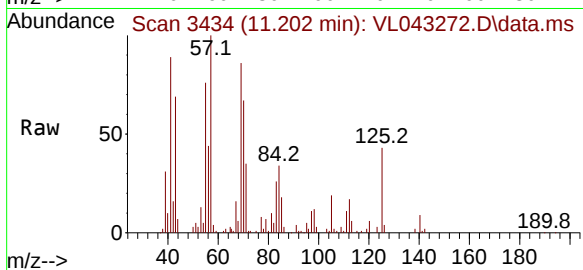
SV1

Tgt Ion:105 Resp: 3259

Ion Ratio Lower Upper

105 100

120 32.1 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.210 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL043272.D

Acq: 20 Nov 2025 19:11

Tgt Ion:105 Resp: 8313

Ion Ratio Lower Upper

105 100

120 46.9 41.7 62.5

91 9.5 70.0 105.0#

77 18.1 23.8 35.8#

