

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073125\
 Data File : VL042792.D
 Acq On : 31 Jul 2025 12:39
 Operator : SY/MD
 Sample : Q2727-01DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AE073-1100DL

Quant Time: Aug 01 01:14:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	136777	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.968	114	371224	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.898	117	324625	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	273294	10.631	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.300%

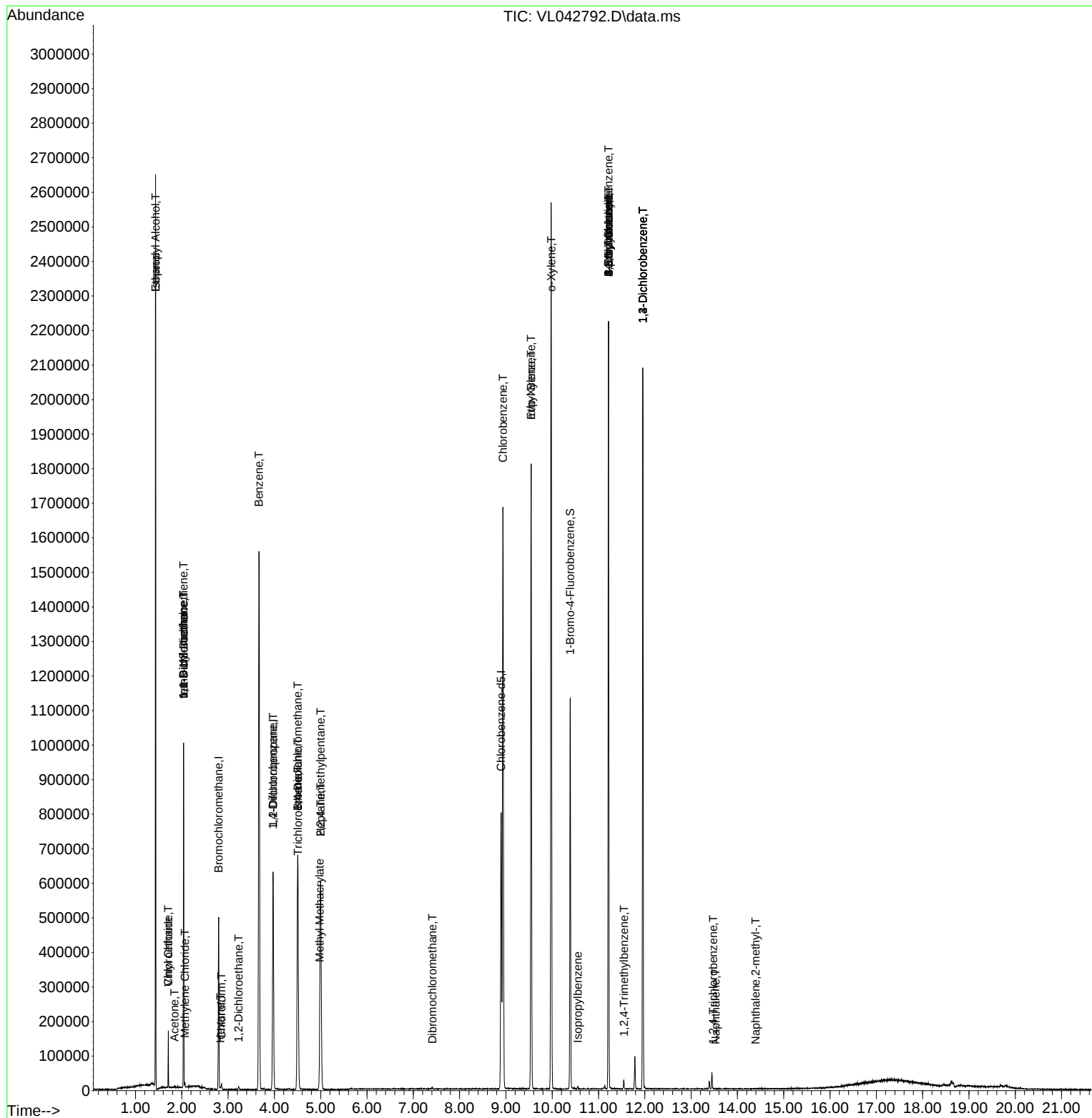
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	1.709	62	1932	0.267	ppbv #	1
7) Chloroethane	1.709	64	40627	14.547	ppbv	99
10) Heptane	4.994	43	268880	11.647	ppbv	97
13) Ethanol	1.434	45	30637	47.992	ppbv	88
15) Acetone	1.842	43	2156	0.114	ppbv #	51
17) tert-Butyl alcohol	2.039	59	10199	0.599	ppbv #	75
18) 1,1-Dichloroethene	2.039	96	125059	19.538	ppbv	98
19) Isopropyl Alcohol	1.434	45	30637	3.053	ppbv #	38
20) Methylene Chloride	2.068	84	1929	0.324	ppbv #	93
22) trans-1,2-Dichloroethene	2.039	96	125059	18.163	ppbv	86
24) 1,1-Dichloroethane	2.039	63	79286	5.610	ppbv #	1
26) Hexane	2.835	57	890	0.049	ppbv #	37
29) Chloroform	2.858	83	5776	0.204	ppbv	89
36) Benzene	3.667	78	961979	27.343	ppbv	99
37) 1,2-Dichloroethane	3.227	62	3853	0.182	ppbv #	90
38) Trichloroethene	4.512	130	471	0.028	ppbv #	7
39) 1,2-Dichloropropane	3.971	63	95960	7.389	ppbv #	22
40) 1,4-Dioxane	4.506	88	330	0.055	ppbv #	21
42) Bromodichloromethane	4.506	83	411940	14.924	ppbv	98
43) Methyl Methacrylate	4.978	69	2376	0.190	ppbv #	1
44) 2,2,4-Trimethylpentane	4.994	57	129200	2.253	ppbv #	1
48) Dibromochloromethane	7.412	129	474	0.022	ppbv #	11
57) Chlorobenzene	8.936	112	660376	21.020	ppbv	96
58) Ethyl Benzene	9.545	91	785341	15.319	ppbv #	71
59) m/p-Xylene	9.545	91	785341	19.169	ppbv	98
60) o-Xylene	9.979	91	1150446	28.101	ppbv	100
62) Isopropylbenzene	10.552	105	2487	0.041	ppbv	97
64) n-propylbenzene	11.215	120	367669	23.354	ppbv #	1
66) Benzyl Chloride	11.215	91	96369	21.885	ppbv #	65
71) 2-Chlorotoluene	11.215	91	96369	2.081	ppbv #	45
72) 4-Ethyltoluene	11.215	105	788778	16.133	ppbv #	83
73) 1,3,5-Trimethylbenzene	11.215	105	788778	19.595	ppbv	100
74) 1,2,4-Trimethylbenzene	11.548	105	8091	0.184	ppbv #	62
75) 1,3-Dichlorobenzene	11.956	146	471076	15.300	ppbv	98
76) 1,4-Dichlorobenzene	11.956	146	471076	15.636	ppbv	97
77) 1,2-Dichlorobenzene	11.956	146	471076	15.568	ppbv	99
79) Naphthalene	13.529	128	175	0.439	ppbv #	69
80) Naphthalene,2-methyl-	14.390	142	42	1.130	ppbv #	1
81) 1,2,4-Trichlorobenzene	13.477	180	117	0.439	ppbv #	12

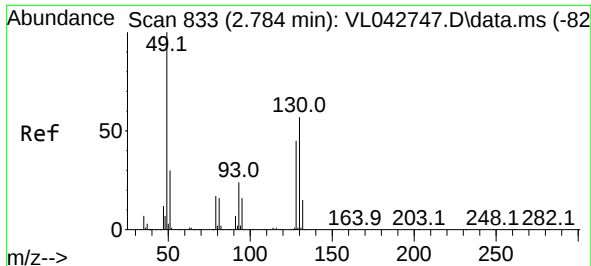
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 01:14:44 2025
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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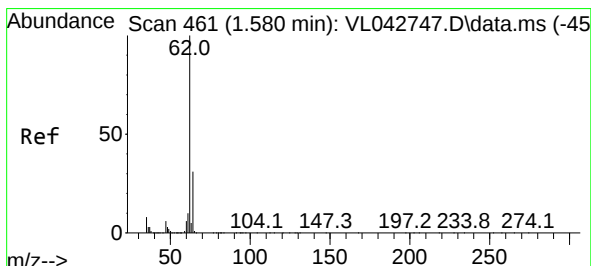
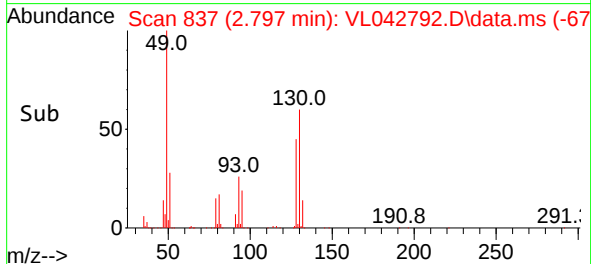
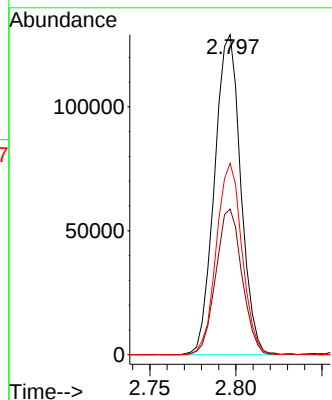
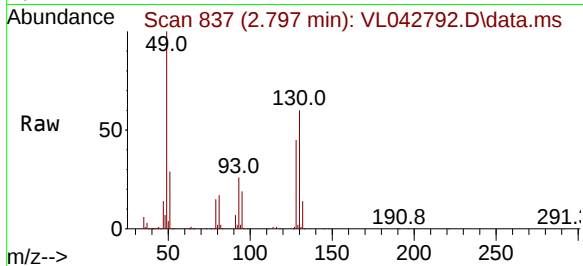




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

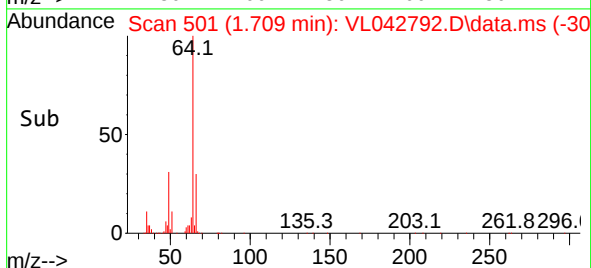
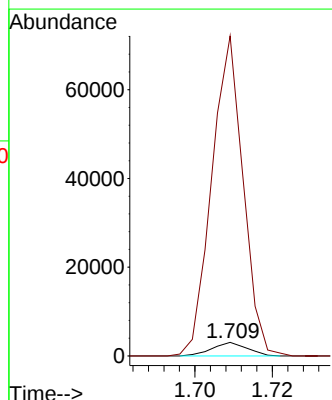
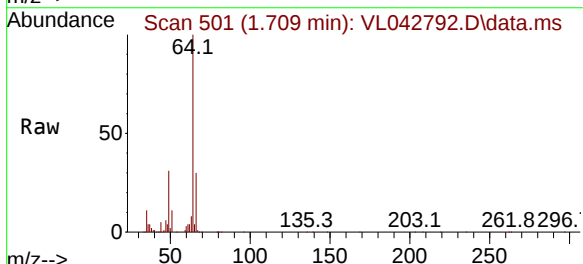
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

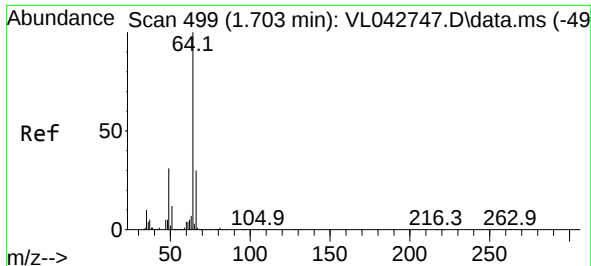
Tgt Ion: 49 Resp: 136777
Ion Ratio Lower Upper
49 100
128 45.5 23.6 71.0
130 58.8 30.3 90.8



#5
Vinyl Chloride
Concen: 0.267 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.129 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 62 Resp: 1932
Ion Ratio Lower Upper
62 100
64 2341.0 24.5 36.7#

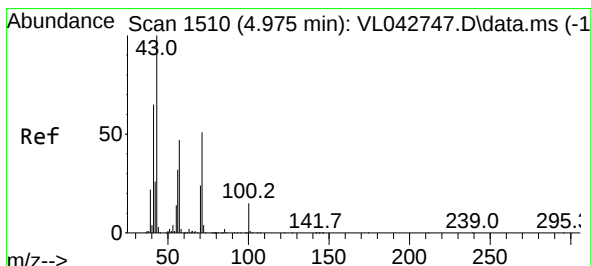
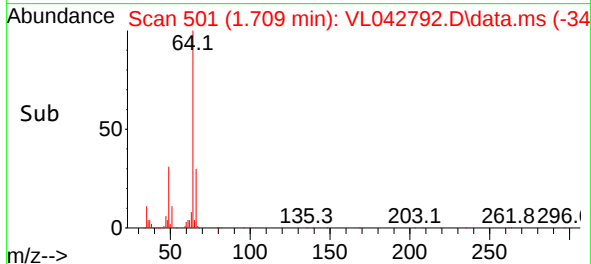
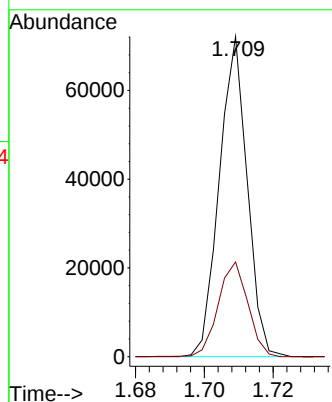
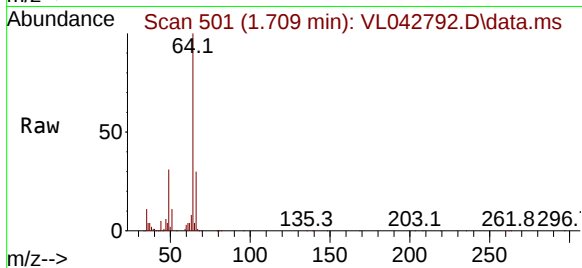




#7
Chloroethane
Concen: 14.547 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

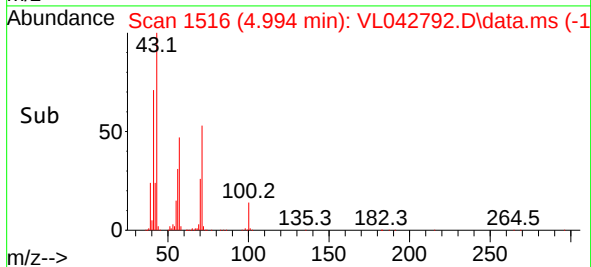
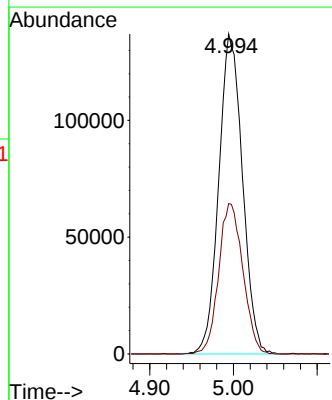
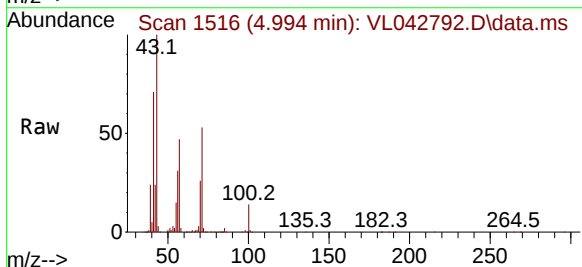
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

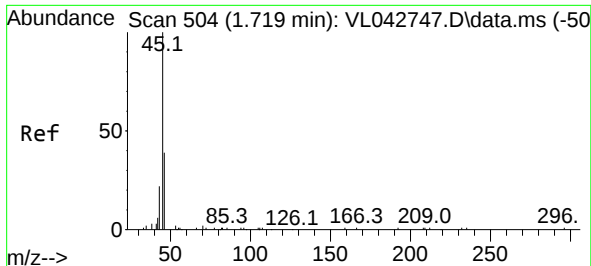
Tgt Ion: 64 Resp: 40627
Ion Ratio Lower Upper
64 100
66 29.6 24.1 36.1



#10
Heptane
Concen: 11.647 ppbv
RT: 4.994 min Scan# 1516
Delta R.T. 0.019 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 43 Resp: 268880
Ion Ratio Lower Upper
43 100
57 48.0 39.9 59.9

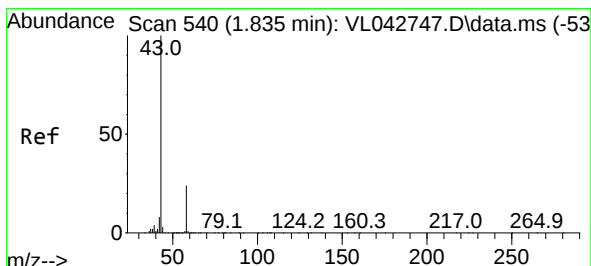
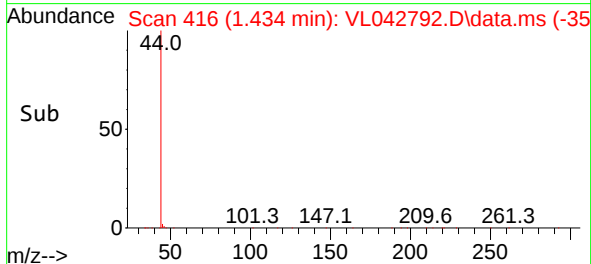
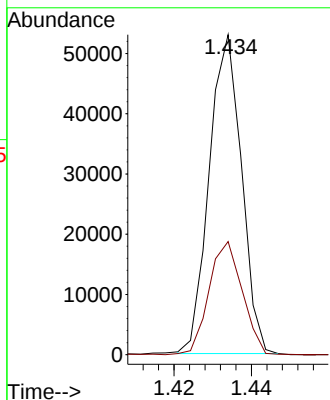
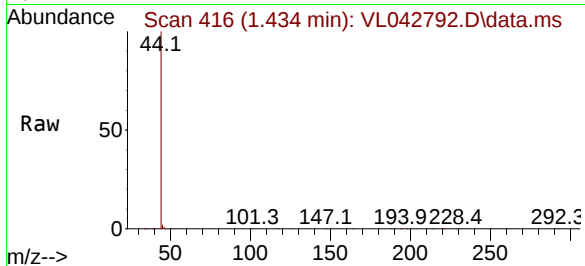




#13
Ethanol
Concen: 47.992 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.285 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

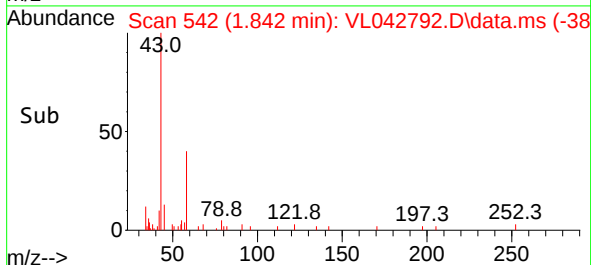
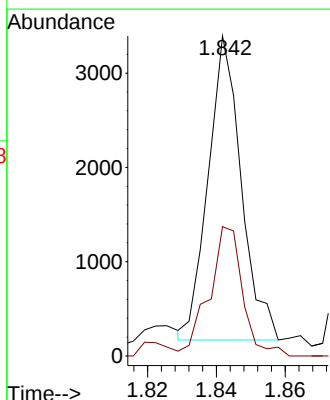
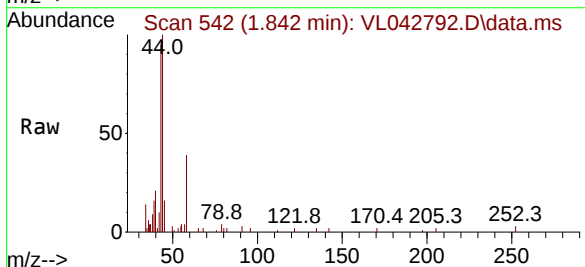
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

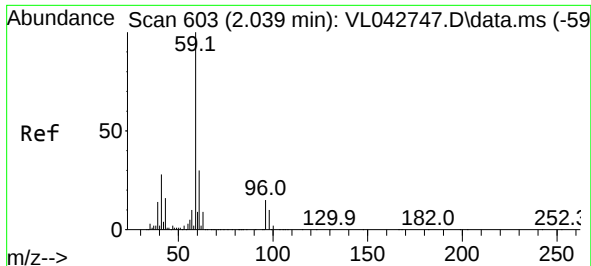
Tgt Ion: 45 Resp: 30637
Ion Ratio Lower Upper
45 100
46 37.0 17.8 71.4



#15
Acetone
Concen: 0.114 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.006 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 49.5 19.8 29.8#





#17

tert-Butyl alcohol

Concen: 0.599 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

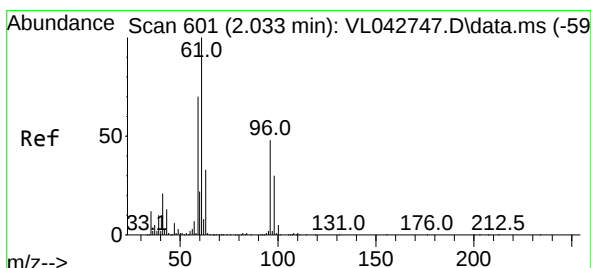
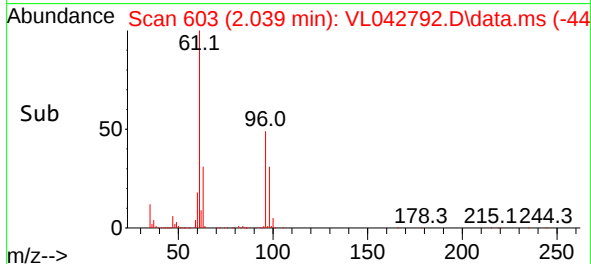
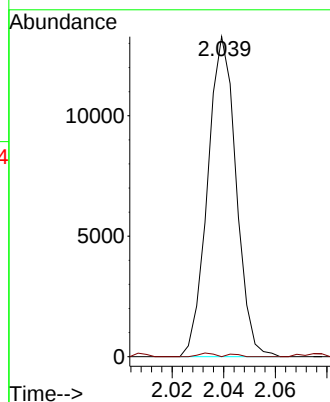
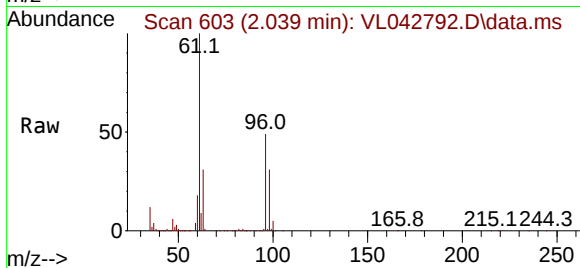
AE073-1100DL

Tgt Ion: 59 Resp: 10199

Ion Ratio Lower Upper

59 100

57 1.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 19.538 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.006 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

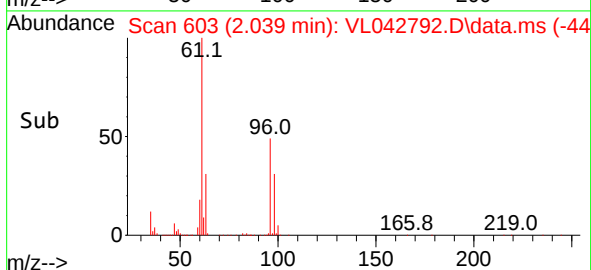
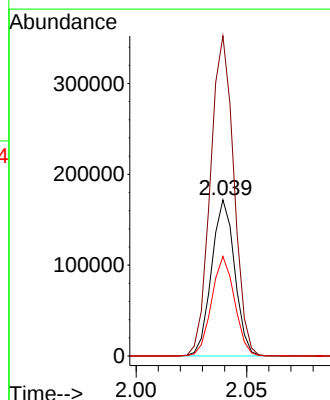
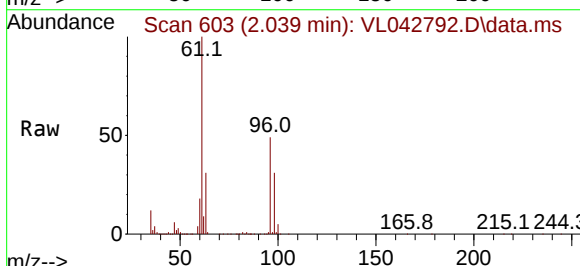
Tgt Ion: 96 Resp: 125059

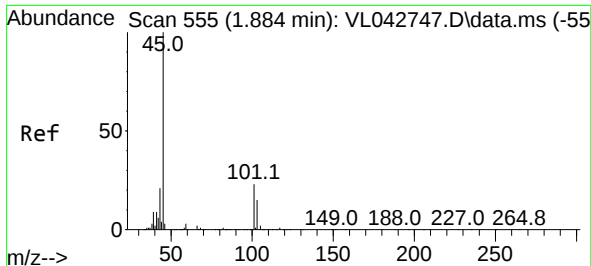
Ion Ratio Lower Upper

96 100

61 204.8 165.8 248.6

98 63.7 49.9 74.9





#19

Isopropyl Alcohol

Concen: 3.053 ppbv

RT: 1.434 min Scan# 416

Delta R.T. -0.450 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

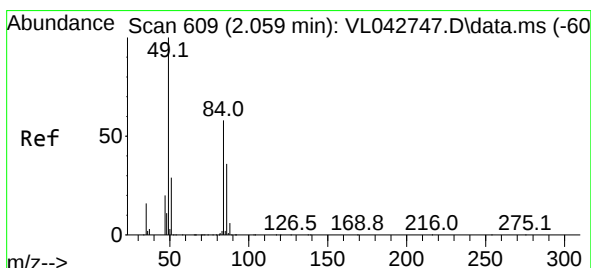
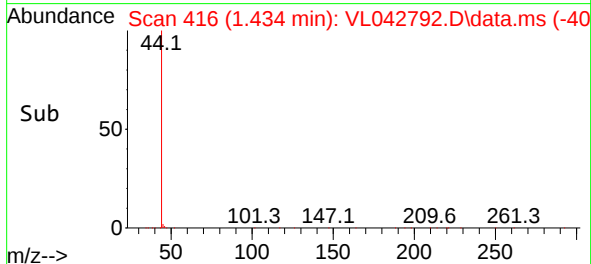
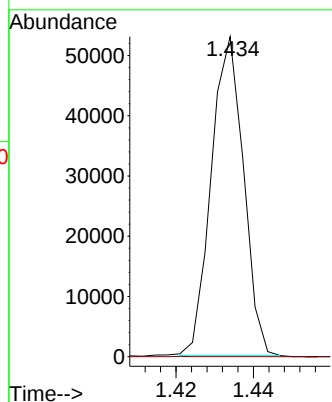
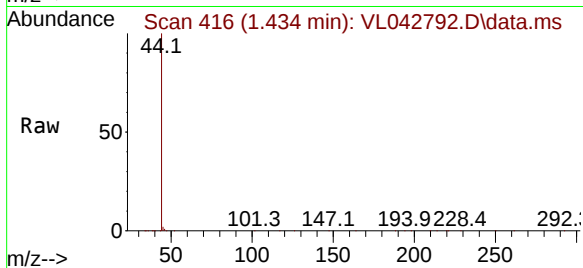
AE073-1100DL

Tgt Ion: 45 Resp: 30637

Ion Ratio Lower Upper

45 100

58 0.2 30.0 45.0#



#20

Methylene Chloride

Concen: 0.324 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Tgt Ion: 84 Resp: 1929

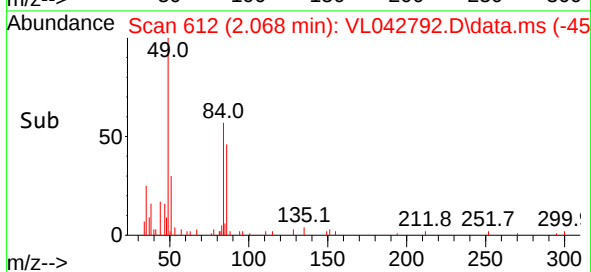
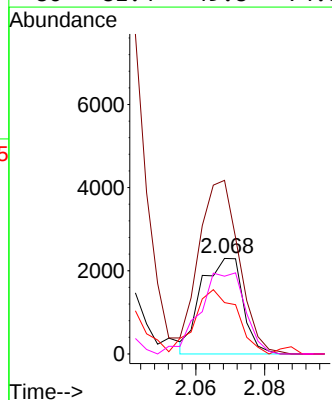
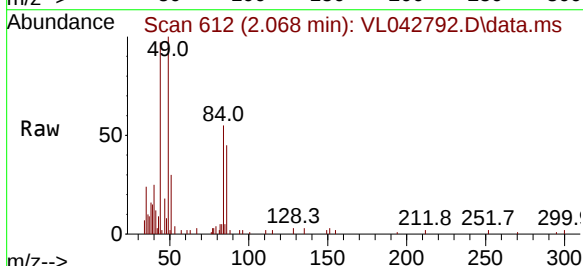
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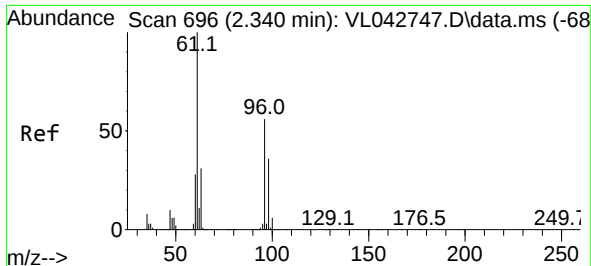
84 100

49 175.8 138.6 208.0

51 48.5 40.6 61.0

86 81.4 49.8 74.8#

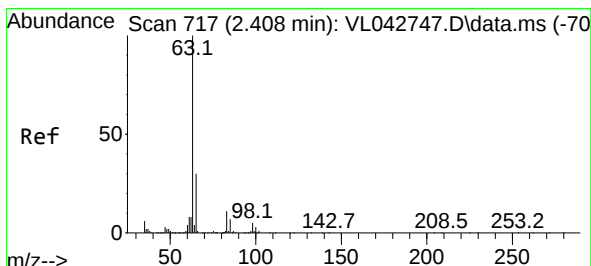
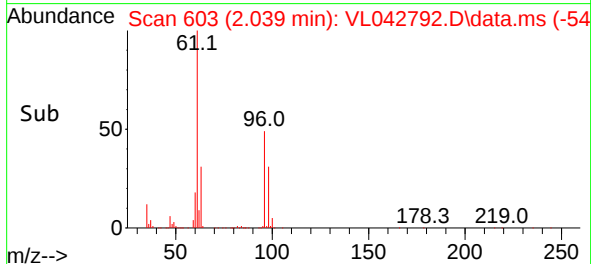
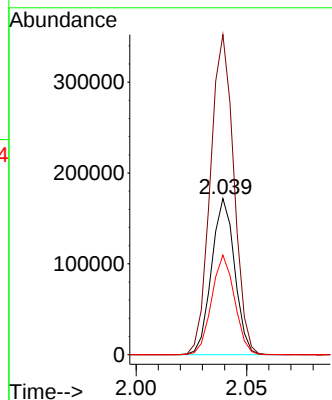
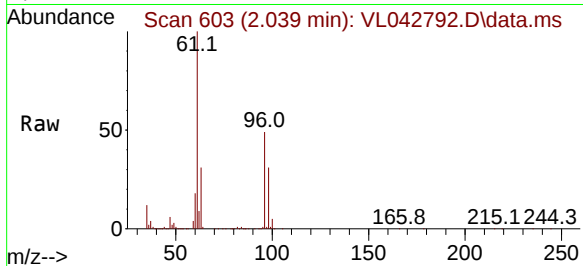




#22
trans-1,2-Dichloroethene
Concen: 18.163 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.301 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

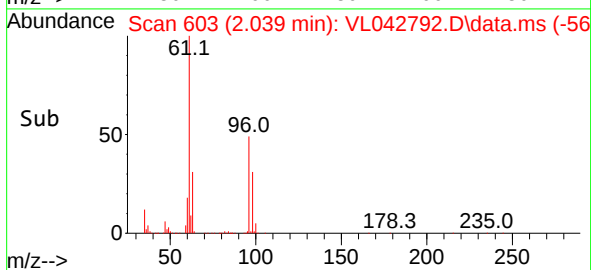
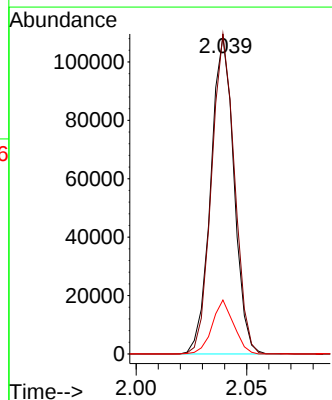
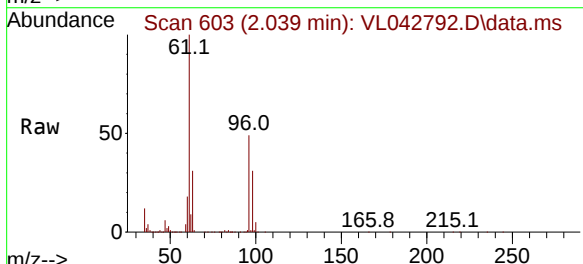
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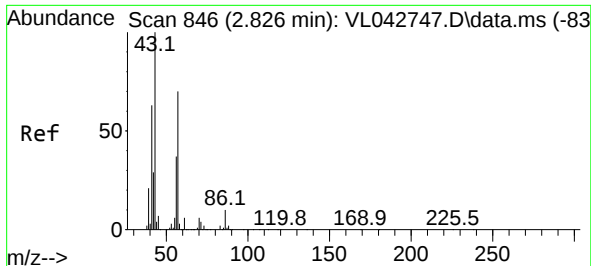
Tgt Ion: 96 Resp: 125059
Ion Ratio Lower Upper
96 100
61 204.8 142.3 213.5
98 63.7 50.6 76.0



#24
1,1-Dichloroethane
Concen: 5.610 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.369 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 63 Resp: 79286
Ion Ratio Lower Upper
63 100
98 100.9 2.5 7.4#
100 17.0 1.6 4.8#

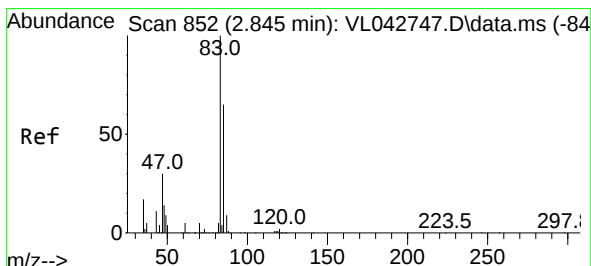
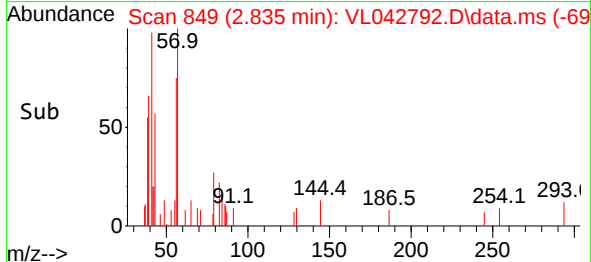
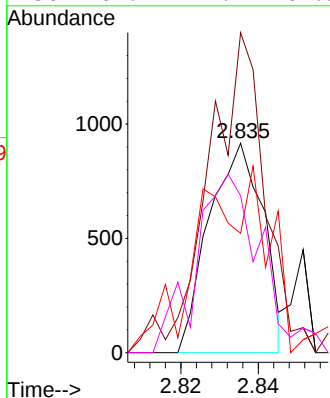
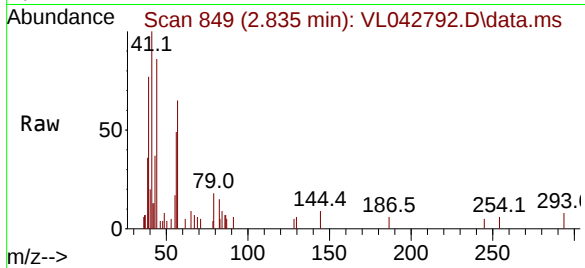




#26
Hexane
Concen: 0.049 ppbv
RT: 2.835 min Scan# 846
Delta R.T. 0.010 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

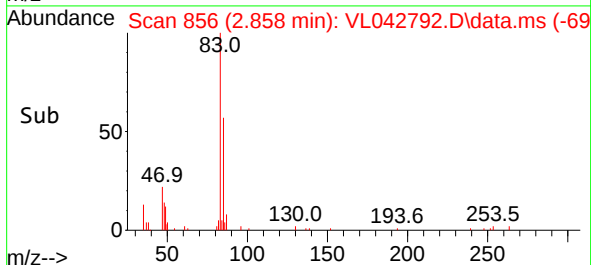
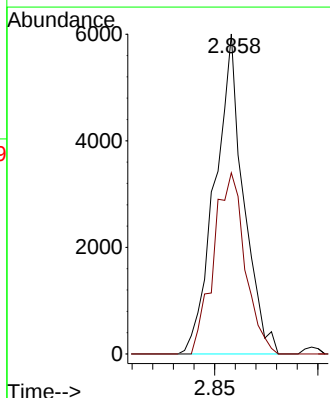
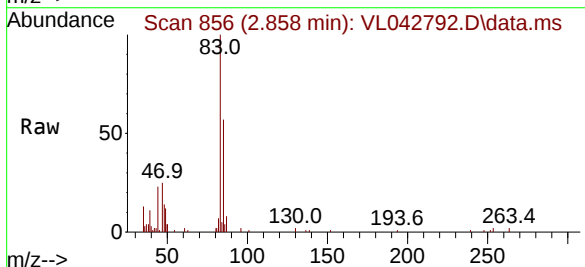
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

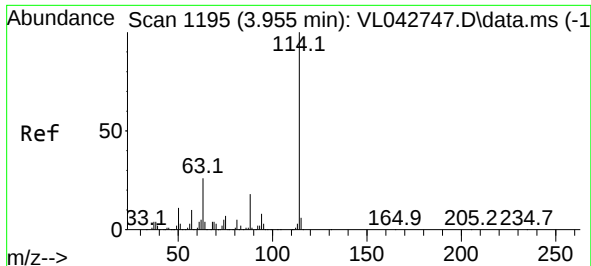
Tgt Ion: 57 Resp: 890
Ion Ratio Lower Upper
57 100
41 170.9 75.4 113.2#
43 139.4 185.0 277.6#
56 102.2 42.9 64.3#



#29
Chloroform
Concen: 0.204 ppbv
RT: 2.858 min Scan# 856
Delta R.T. 0.013 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 83 Resp: 5776
Ion Ratio Lower Upper
83 100
85 56.6 52.2 78.2

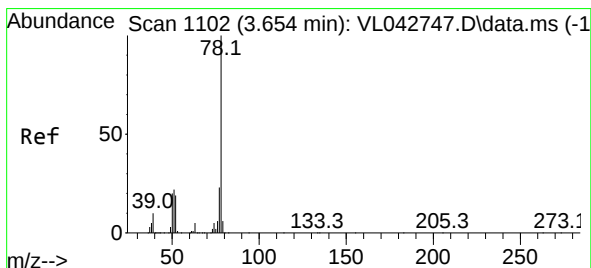
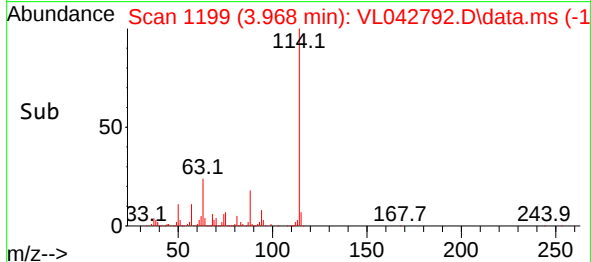
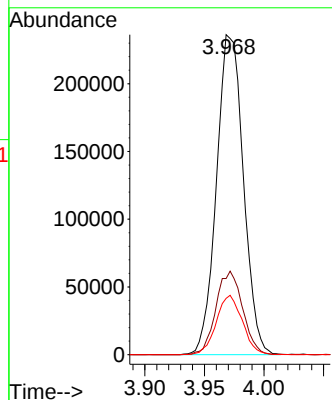
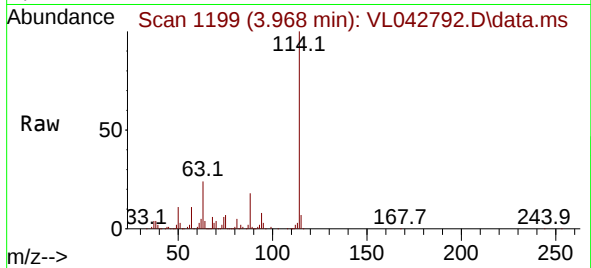




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.013 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

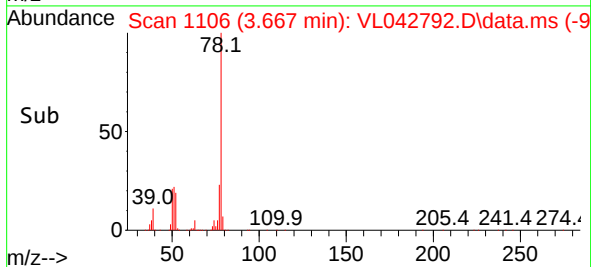
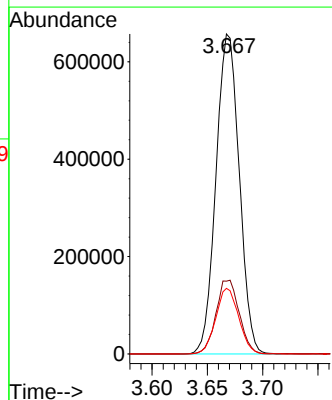
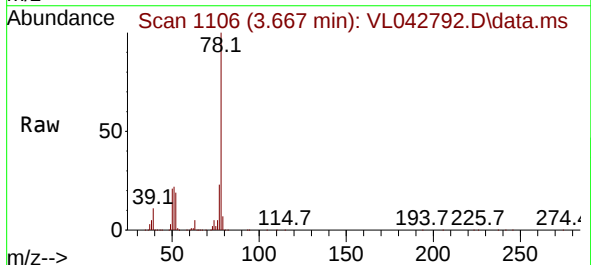
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

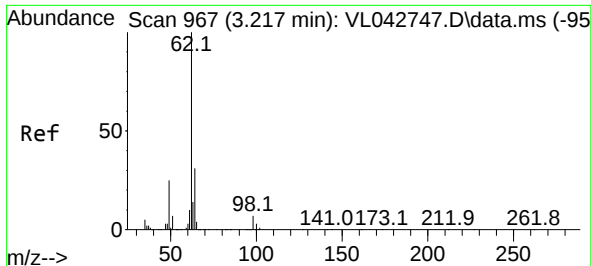
Tgt Ion:114 Resp: 371224
Ion Ratio Lower Upper
114 100
63 25.9 20.5 30.7
88 18.0 14.0 21.0



#36
Benzene
Concen: 27.343 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 78 Resp: 961979
Ion Ratio Lower Upper
78 100
77 22.8 18.5 27.7
50 20.5 16.2 24.2





#37

1,2-Dichloroethane

Concen: 0.182 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

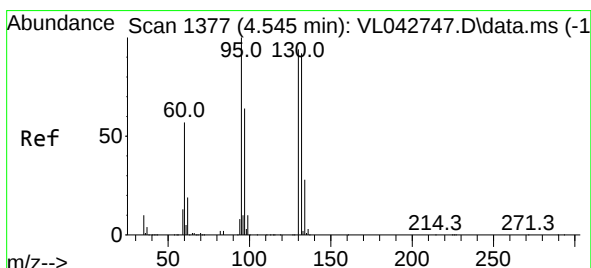
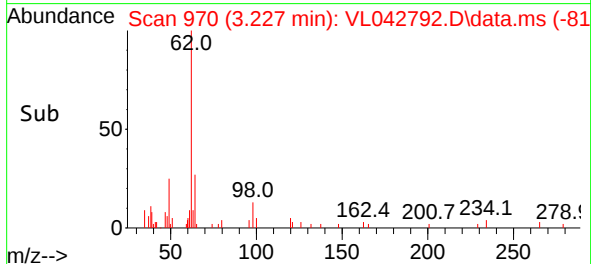
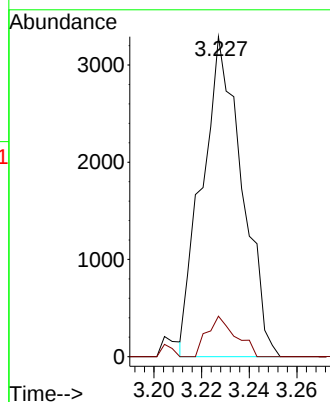
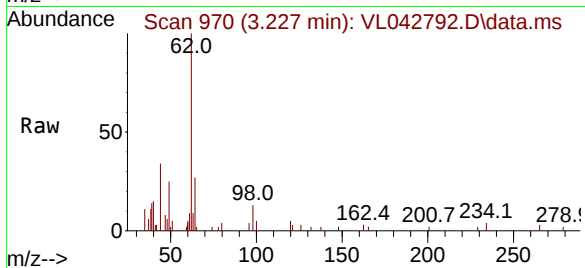
AE073-1100DL

Tgt Ion: 62 Resp: 3853

Ion Ratio Lower Upper

62 100

98 10.0 5.2 7.8#



#38

Trichloroethene

Concen: 0.028 ppbv

RT: 4.512 min Scan# 1367

Delta R.T. -0.033 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Tgt Ion:130 Resp: 471

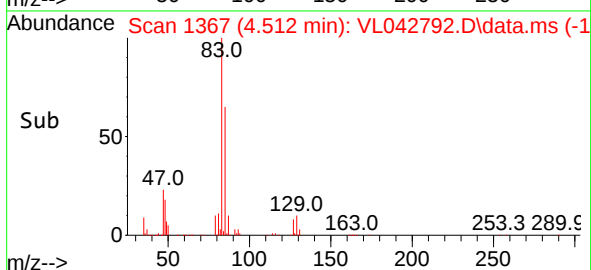
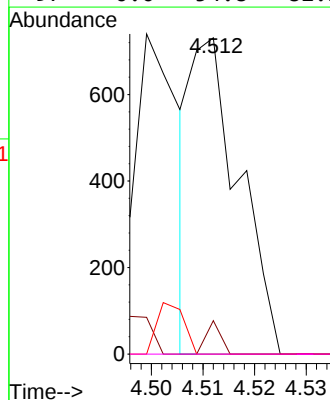
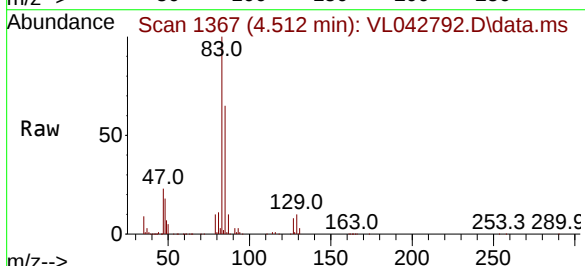
Ion Ratio Lower Upper

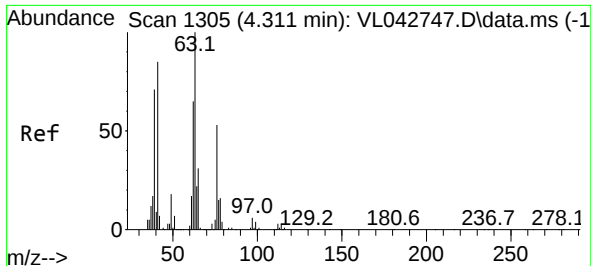
130 100

95 10.5 85.4 128.2#

132 0.0 78.2 117.2#

97 0.0 54.8 82.2#





#39

1,2-Dichloropropane

Concen: 7.389 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.340 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL

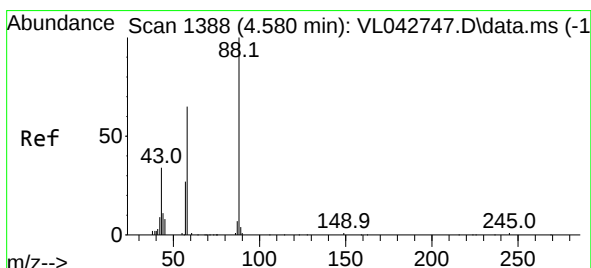
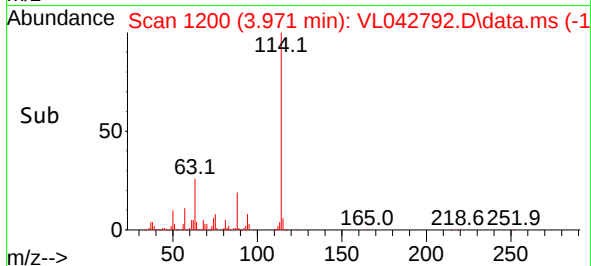
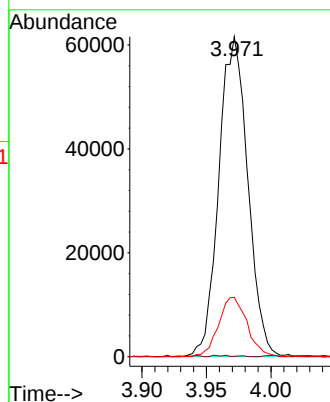
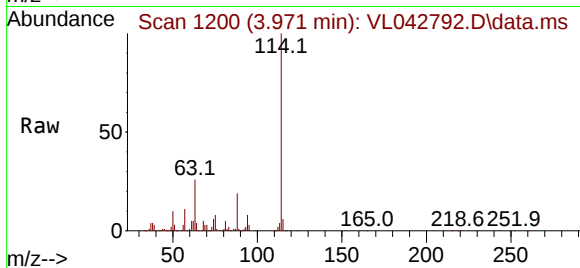
Tgt Ion: 63 Resp: 95960

Ion Ratio Lower Upper

63 100

41 0.1 68.2 102.4#

62 18.6 52.0 78.0#



#40

1,4-Dioxane

Concen: 0.055 ppbv

RT: 4.506 min Scan# 1365

Delta R.T. -0.075 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Tgt Ion: 88 Resp: 330

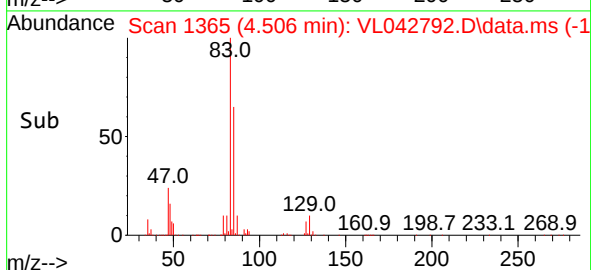
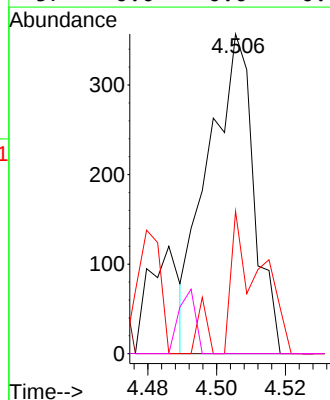
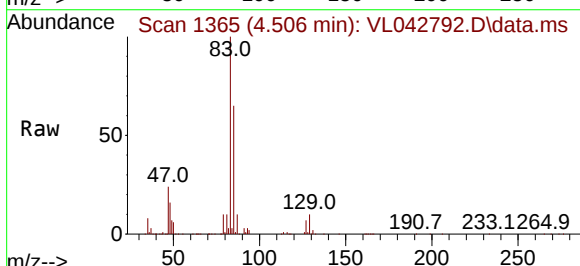
Ion Ratio Lower Upper

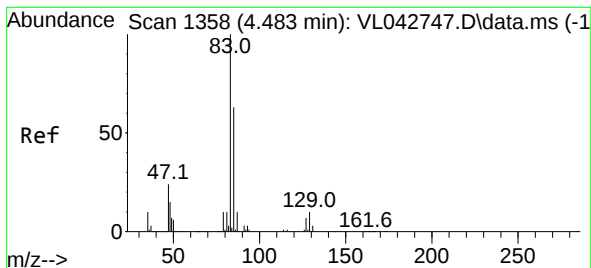
88 100

58 0.0 58.8 88.2#

43 0.0 28.9 43.3#

57 0.0 0.0 0.0





#42

Bromodichloromethane

Concen: 14.924 ppbv

RT: 4.506 min Scan# 11

Delta R.T. 0.022 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL

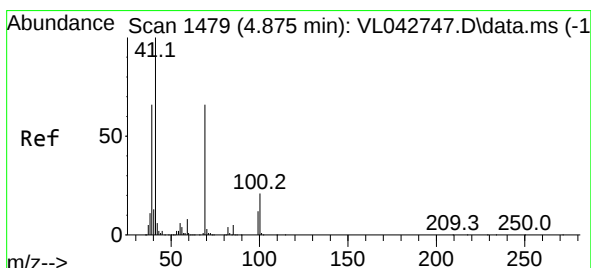
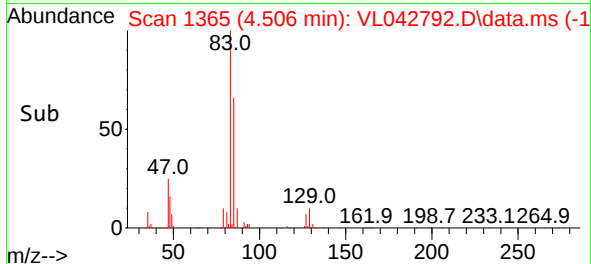
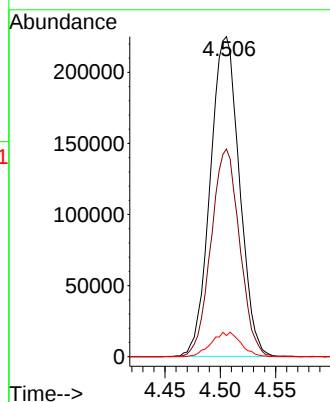
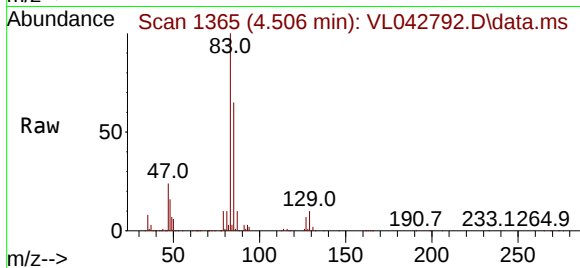
Tgt Ion: 83 Resp: 411940

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

127 6.6 5.4 8.2



#43

Methyl Methacrylate

Concen: 0.190 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.103 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

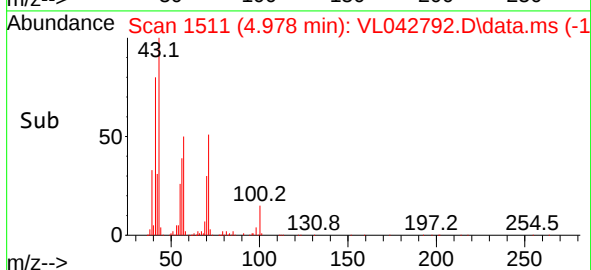
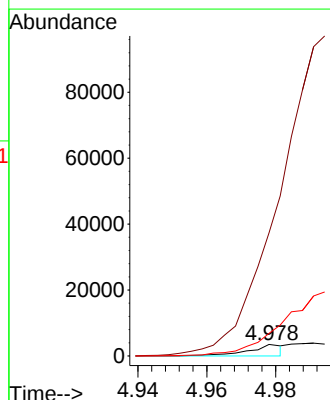
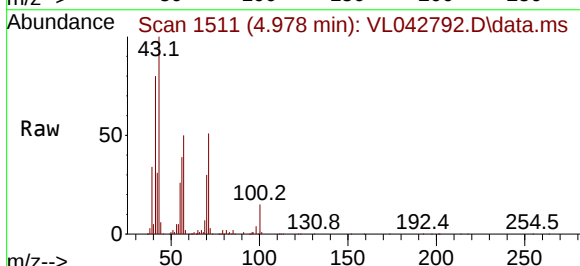
Tgt Ion: 69 Resp: 2376

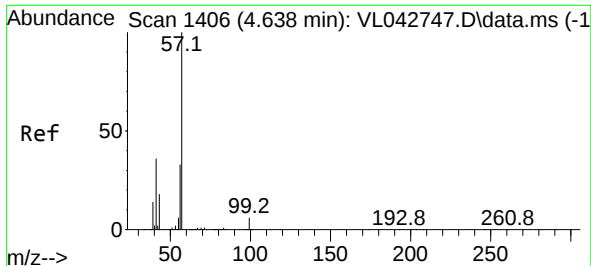
Ion Ratio Lower Upper

69 100

41 0.0 125.7 188.5#

100 0.0 28.6 42.8#

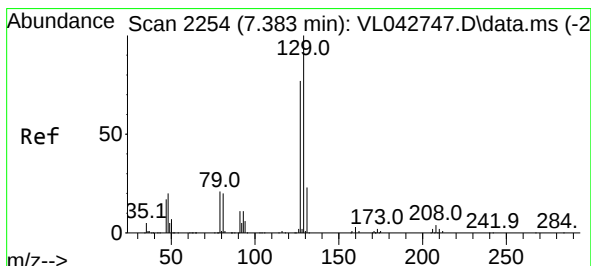
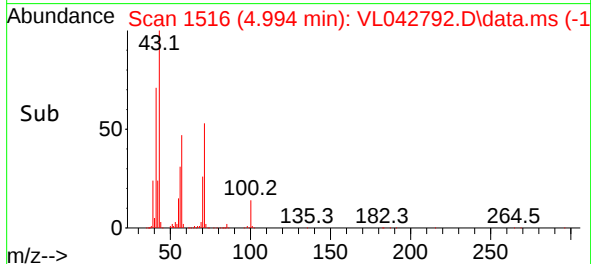
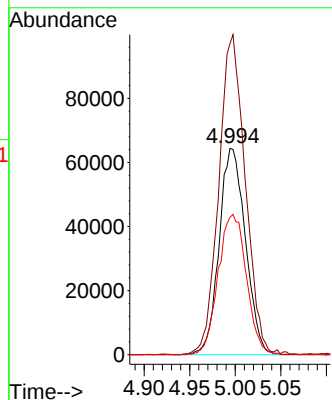
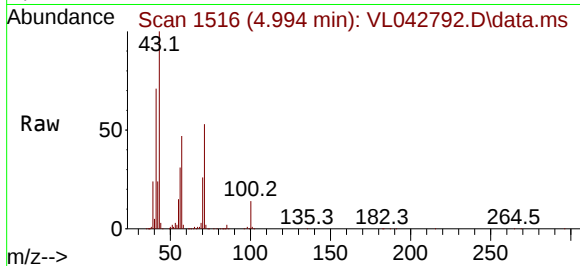




#44
2,2,4-Trimethylpentane
Concen: 2.253 ppbv
RT: 4.994 min Scan# 11
Delta R.T. 0.356 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

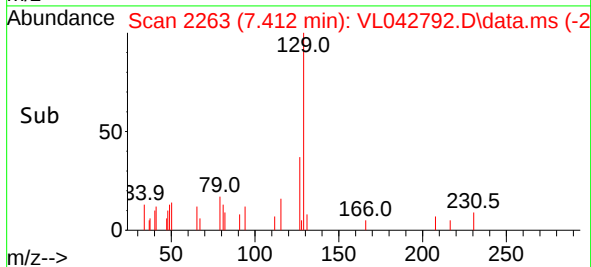
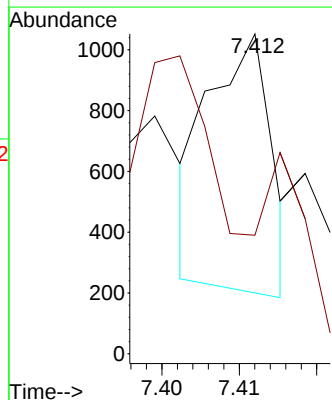
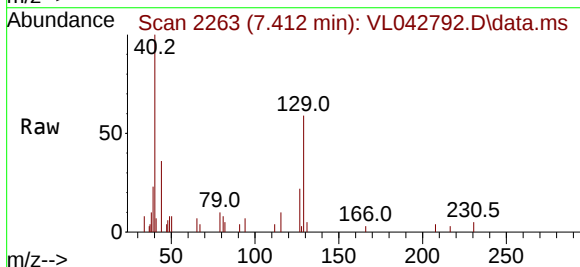
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

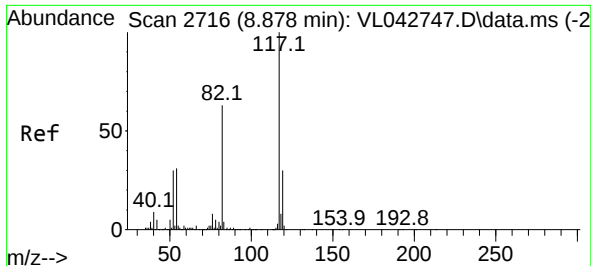
Tgt Ion: 57 Resp: 129200
Ion Ratio Lower Upper
57 100
41 156.2 28.3 42.5#
56 73.1 25.8 38.6#



#48
Dibromochloromethane
Concen: 0.022 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.029 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 129 Resp: 474
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

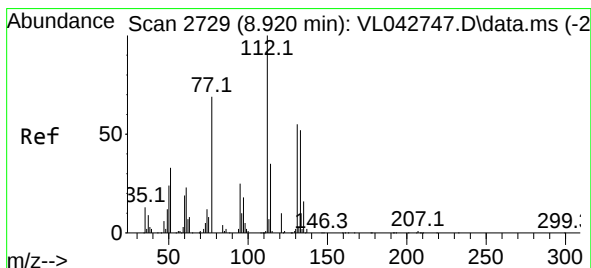
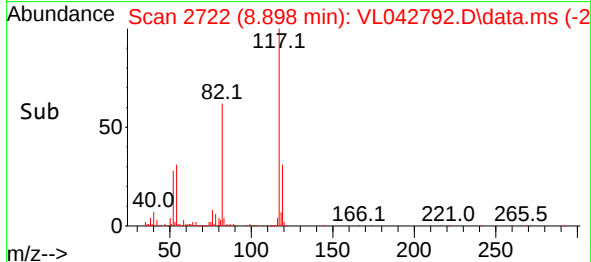
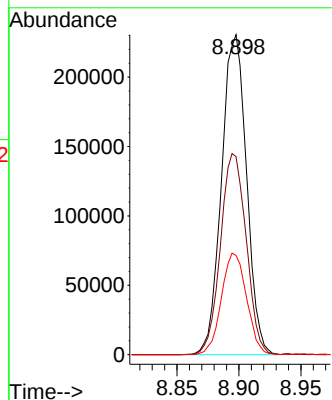
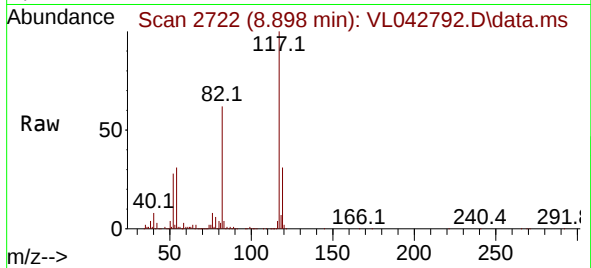




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

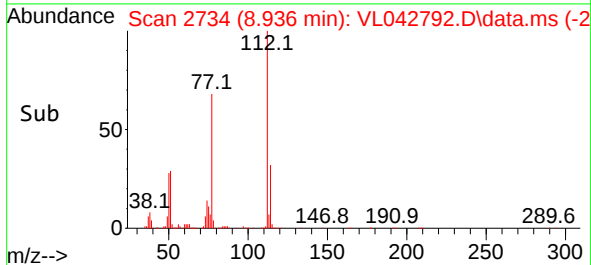
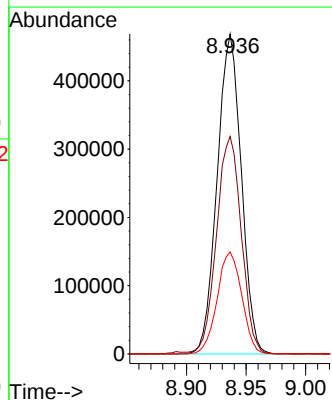
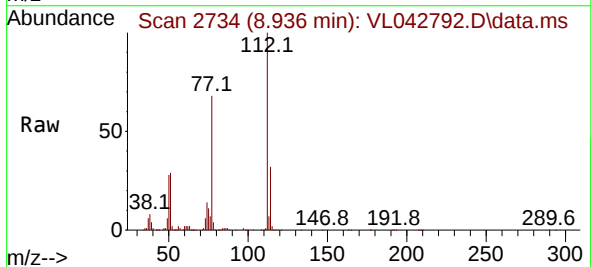
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

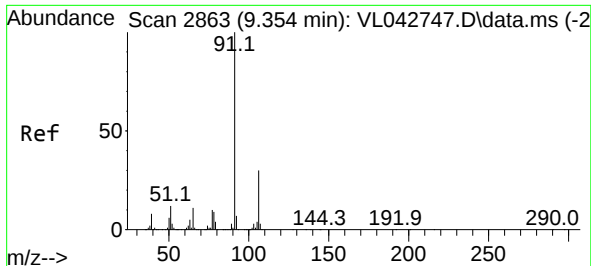
Tgt Ion:117 Resp: 324625
Ion Ratio Lower Upper
117 100
82 64.8 53.3 79.9
119 32.1 25.8 38.6



#57
Chlorobenzene
Concen: 21.020 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. 0.016 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion:112 Resp: 660376
Ion Ratio Lower Upper
112 100
77 67.9 56.4 84.6
114 31.9 31.2 38.2

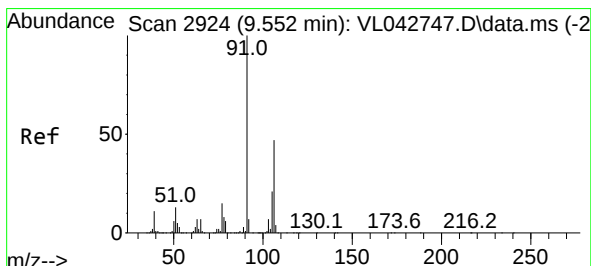
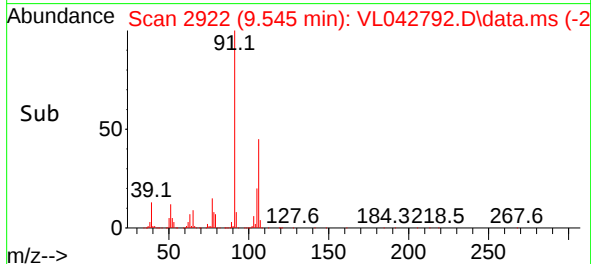
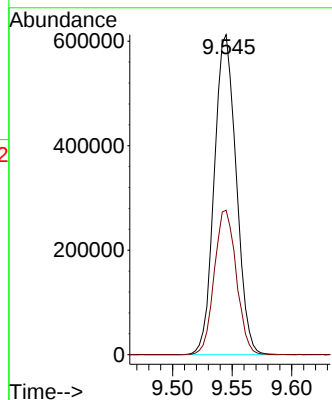
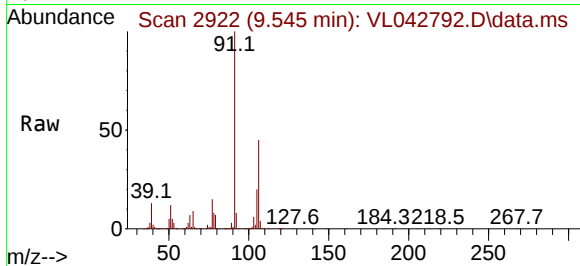




#58
Ethyl Benzene
Concen: 15.319 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. 0.191 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

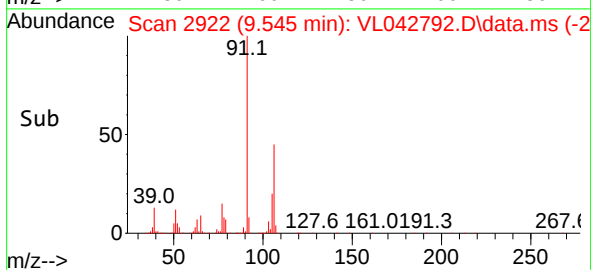
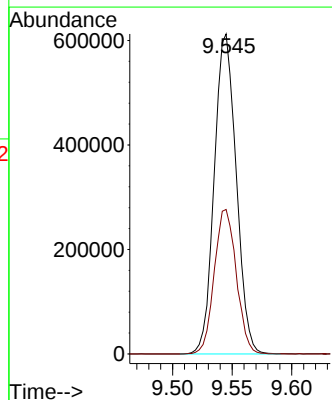
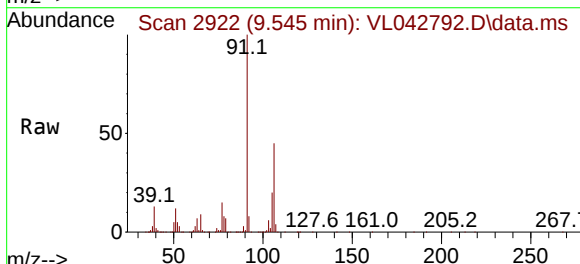
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

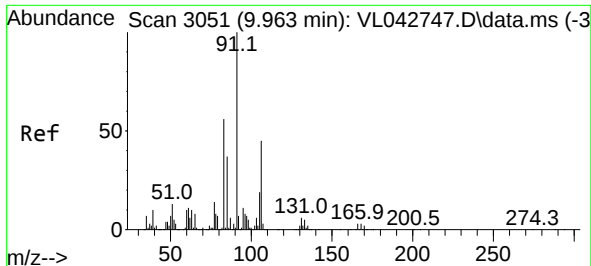
Tgt Ion: 91 Resp: 785341
Ion Ratio Lower Upper
91 100
106 45.2 23.8 35.6#



#59
m/p-Xylene
Concen: 19.169 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. -0.007 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 91 Resp: 785341
Ion Ratio Lower Upper
91 100
106 45.3 37.4 56.2

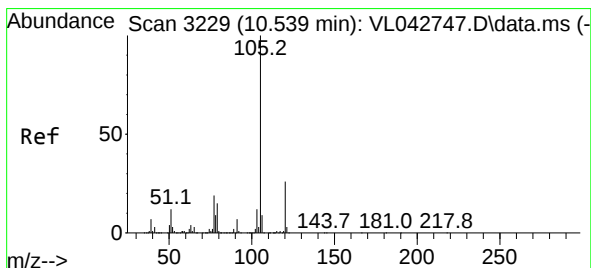
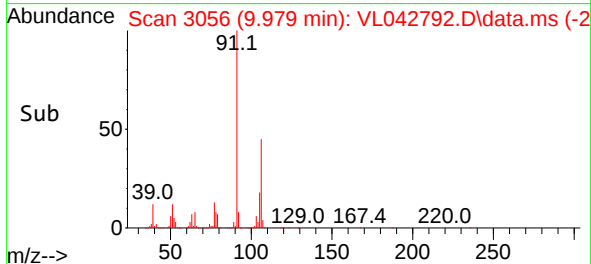
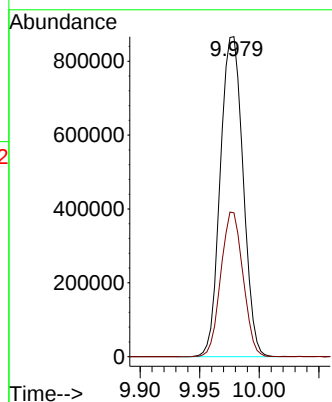
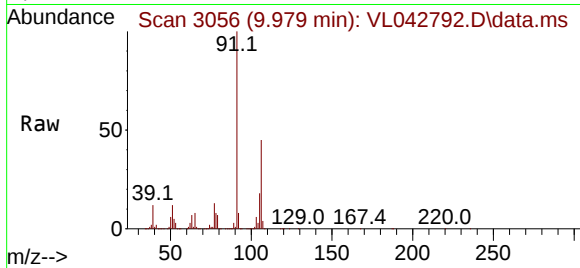




#60
o-Xylene
Concen: 28.101 ppbv
RT: 9.979 min Scan# 3051
Delta R.T. 0.016 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

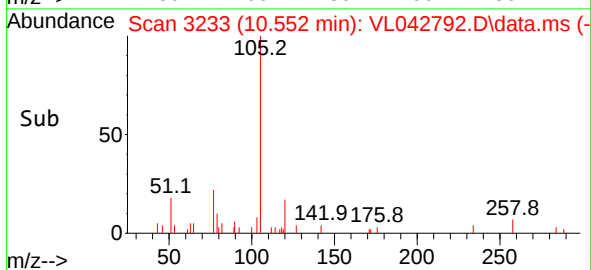
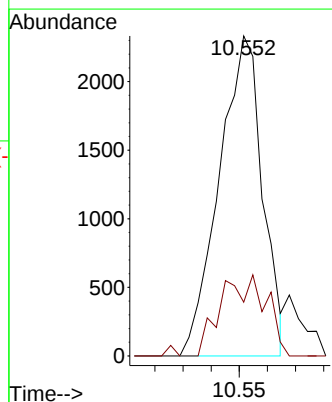
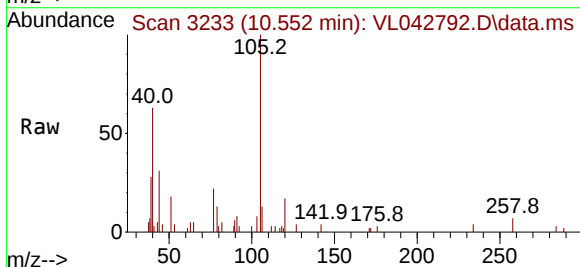
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

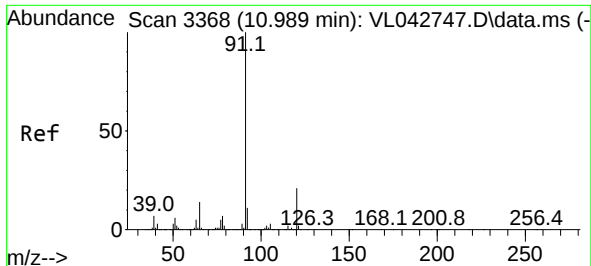
Tgt Ion: 91 Resp: 1150446
Ion Ratio Lower Upper
91 100
106 44.1 22.0 66.0



#62
Isopropylbenzene
Concen: 0.041 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.013 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 105 Resp: 2487
Ion Ratio Lower Upper
105 100
120 27.3 20.5 30.7

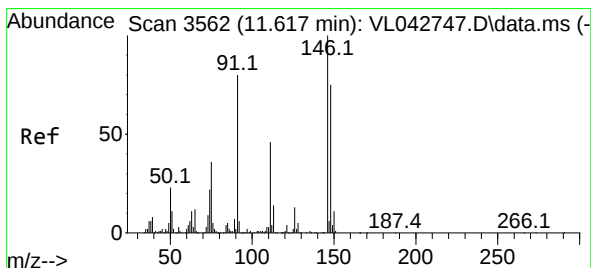
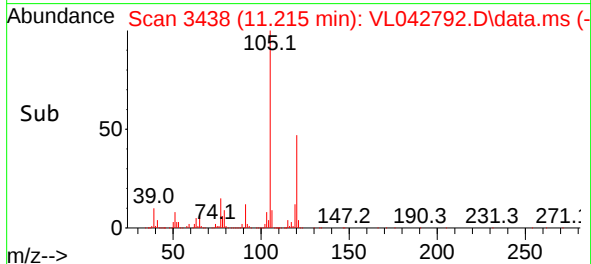
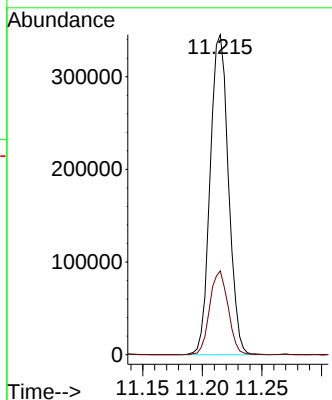
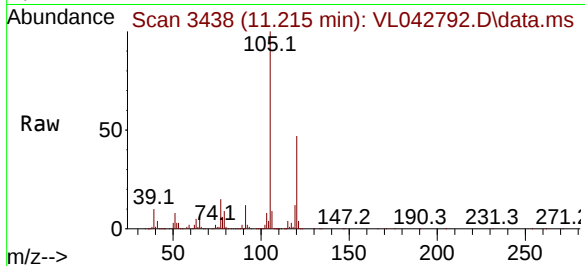




#64
n-propylbenzene
Concen: 23.354 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. 0.226 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

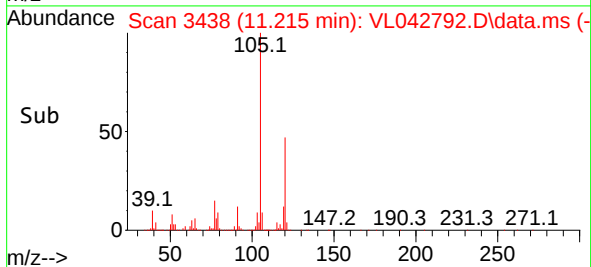
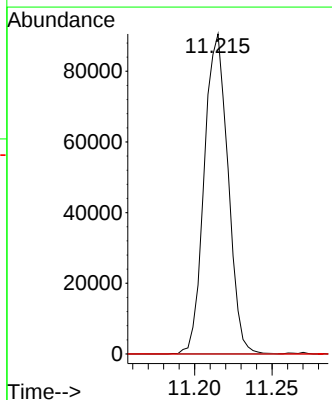
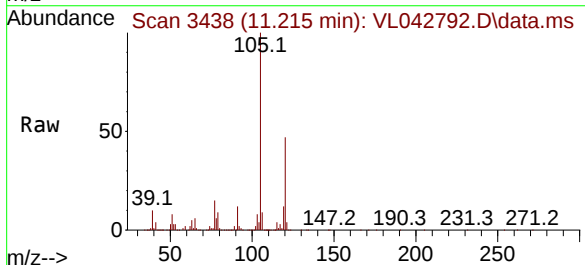
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

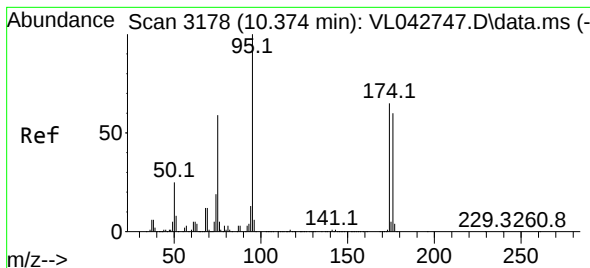
Tgt Ion:120 Resp: 367669
Ion Ratio Lower Upper
120 100
91 26.4 372.7 559.1#



#66
Benzyl Chloride
Concen: 21.885 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. -0.402 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion: 91 Resp: 96369
Ion Ratio Lower Upper
91 100
126 0.1 14.4 21.6#
128 0.0 5.2 7.8#

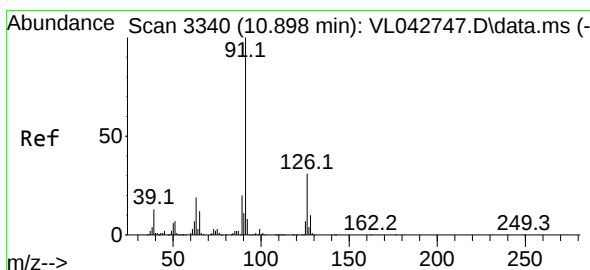
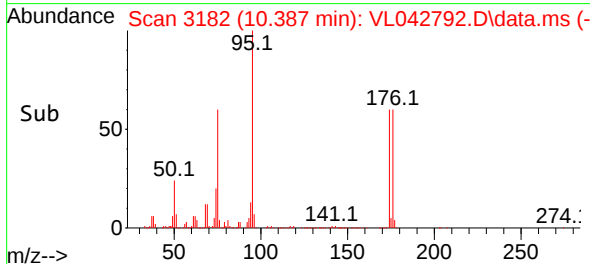
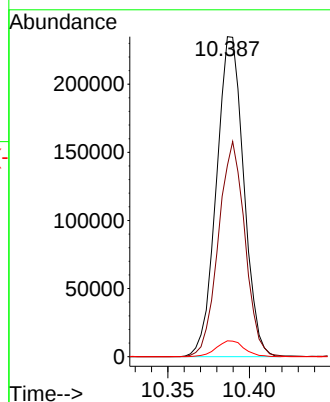
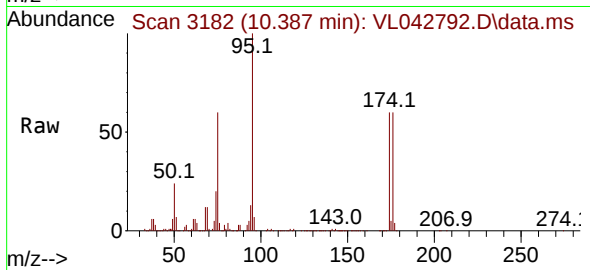




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.631 ppbv
 RT: 10.387 min Scan# 3178
 Delta R.T. 0.013 min
 Lab File: VL042792.D
 Acq: 31 Jul 2025 12:39

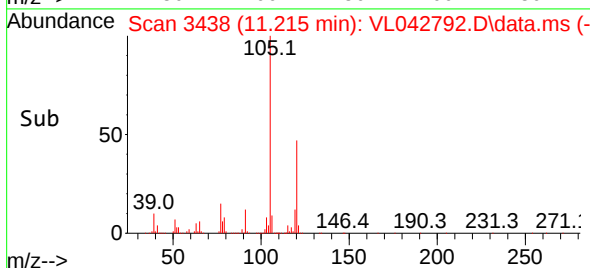
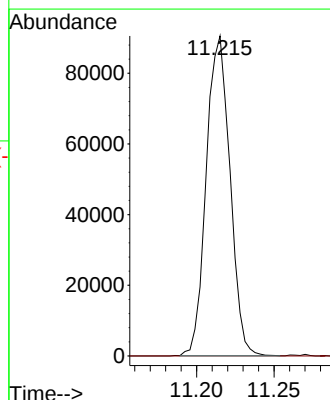
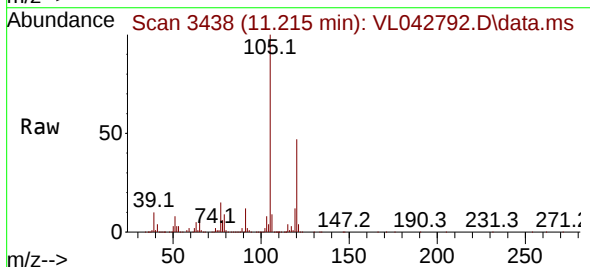
Instrument :
 MSVOA_L
 ClientSampleId :
 AE073-1100DL

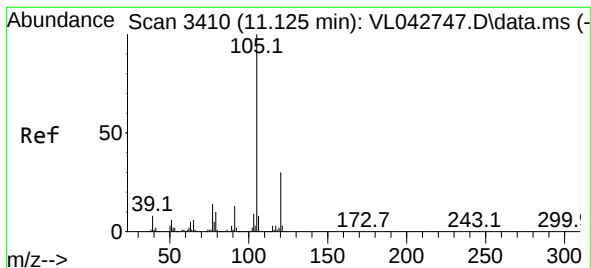
Tgt Ion: 95 Resp: 273294
 Ion Ratio Lower Upper
 95 100
 174 65.4 53.8 80.6
 175 5.1 4.0 6.0



#71
 2-Chlorotoluene
 Concen: 2.081 ppbv
 RT: 11.215 min Scan# 3438
 Delta R.T. 0.317 min
 Lab File: VL042792.D
 Acq: 31 Jul 2025 12:39

Tgt Ion: 91 Resp: 96369
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.0 48.2#





#72

4-Ethyltoluene

Concen: 16.133 ppbv

RT: 11.215 min Scan# 3410

Delta R.T. 0.090 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_1

ClientSampleId :

AE073-1100DL

Tgt Ion:105 Resp: 788778

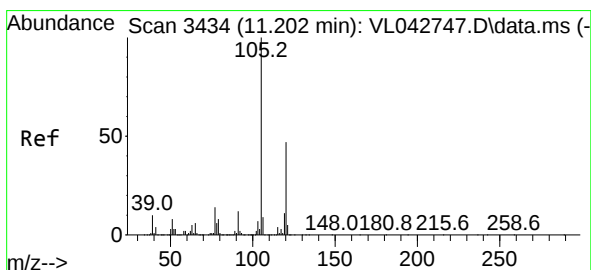
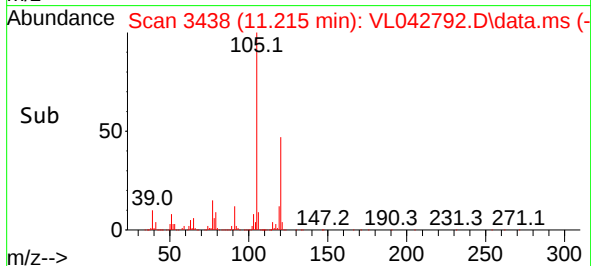
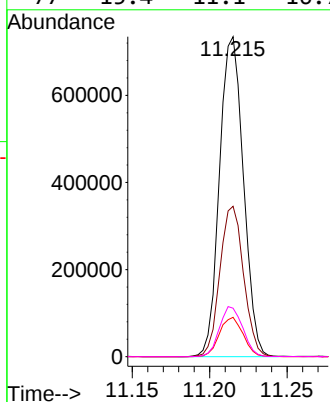
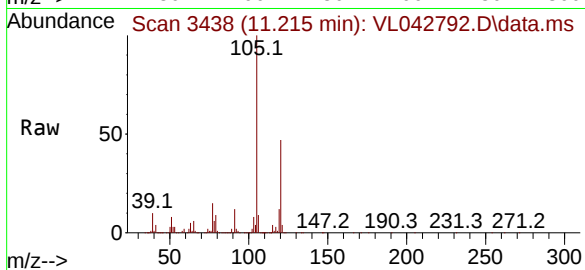
Ion Ratio Lower Upper

105 100

120 46.6 24.4 36.6#

91 12.3 10.6 15.8

77 15.4 11.1 16.7



#73

1,3,5-Trimethylbenzene

Concen: 19.595 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.013 min

Lab File: VL042792.D

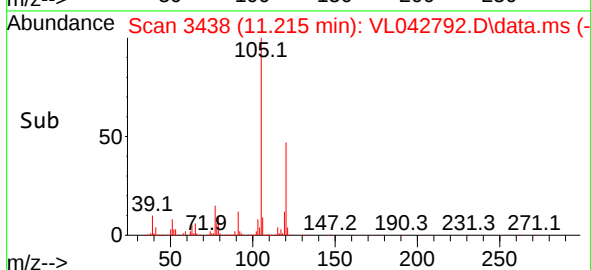
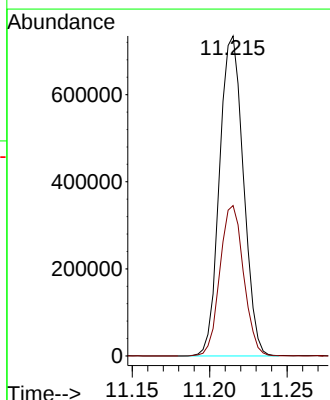
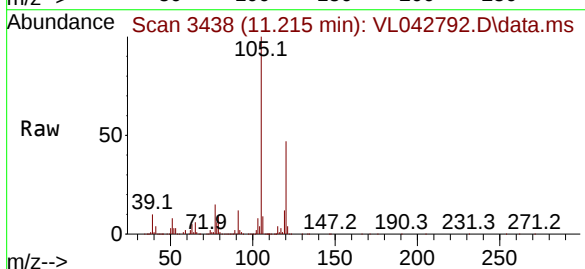
Acq: 31 Jul 2025 12:39

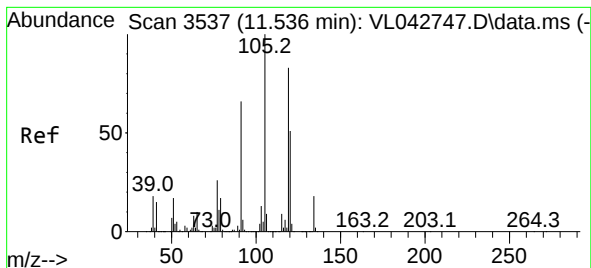
Tgt Ion:105 Resp: 788778

Ion Ratio Lower Upper

105 100

120 47.0 37.8 56.8





#74

1,2,4-Trimethylbenzene

Concen: 0.184 ppbv

RT: 11.548 min Scan# 3

Delta R.T. 0.013 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL

Tgt Ion:105 Resp: 8091

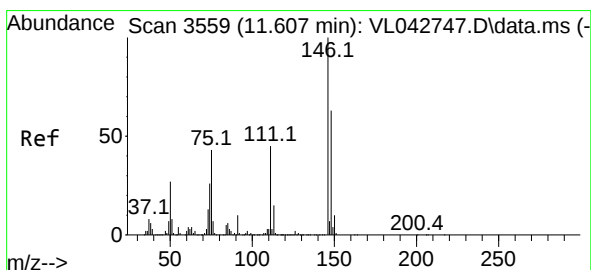
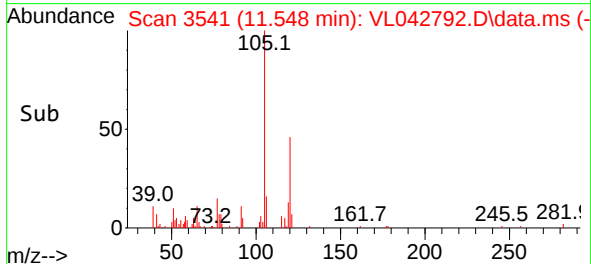
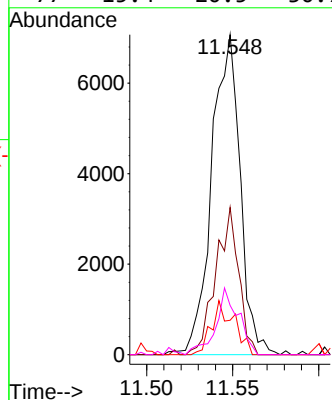
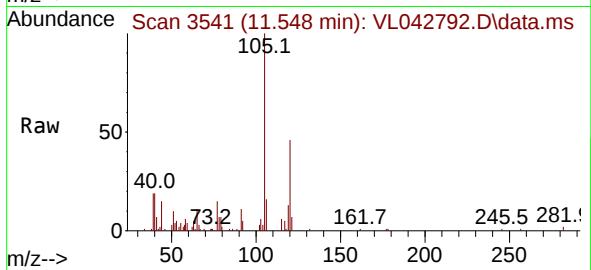
Ion Ratio Lower Upper

105 100

120 46.0 40.8 61.2

91 10.7 53.0 79.4#

77 15.4 20.5 30.7#



#75

1,3-Dichlorobenzene

Concen: 15.300 ppbv

RT: 11.956 min Scan# 3667

Delta R.T. 0.349 min

Lab File: VL042792.D

Acq: 31 Jul 2025 12:39

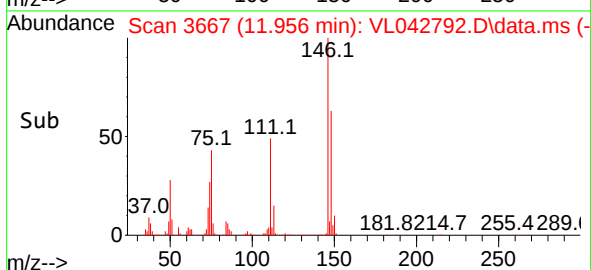
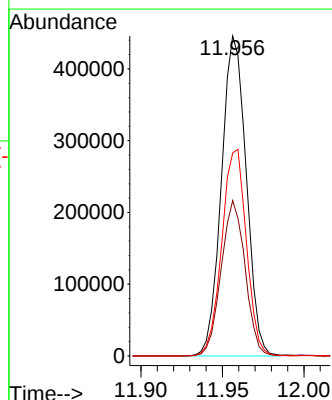
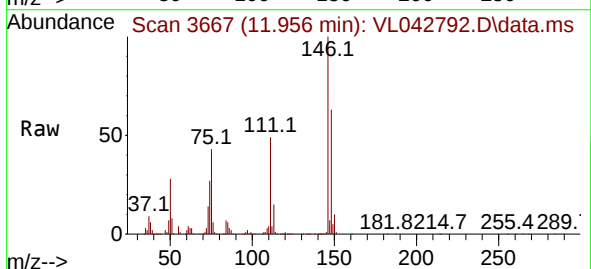
Tgt Ion:146 Resp: 471076

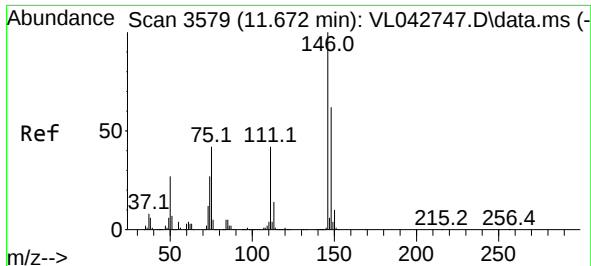
Ion Ratio Lower Upper

146 100

111 47.1 22.7 68.0

148 64.3 31.9 95.5

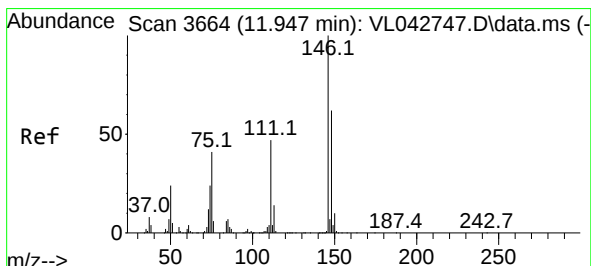
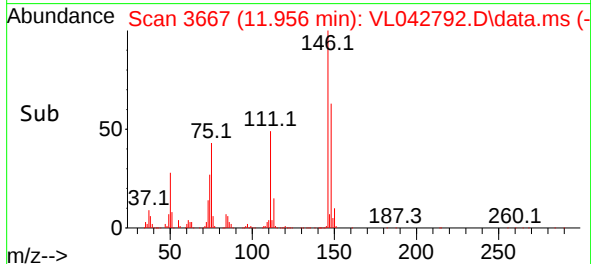
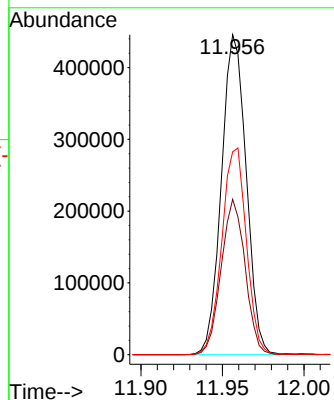
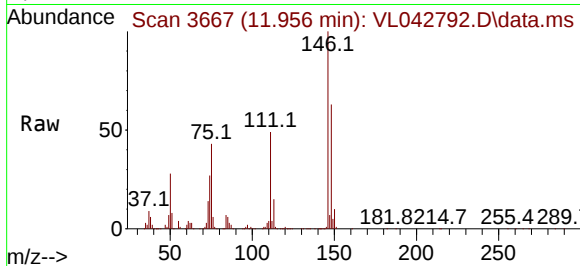




#76
1,4-Dichlorobenzene
Concen: 15.636 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.285 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

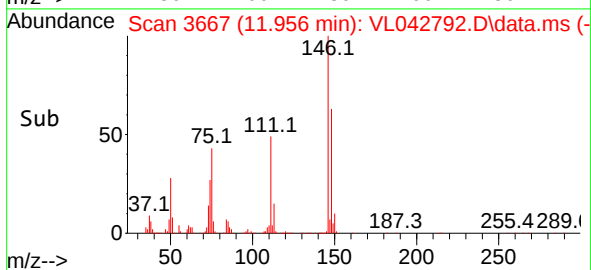
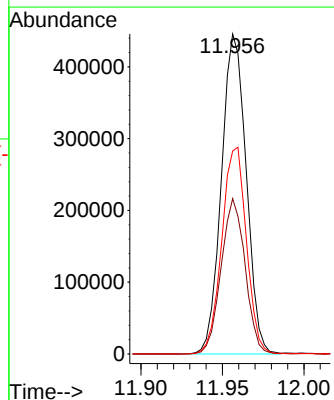
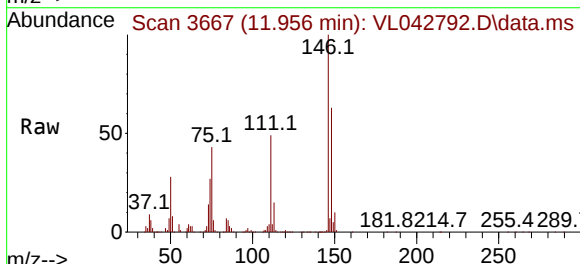
Instrument :
MSVOA_1
ClientSampleId :
AE073-1100DL

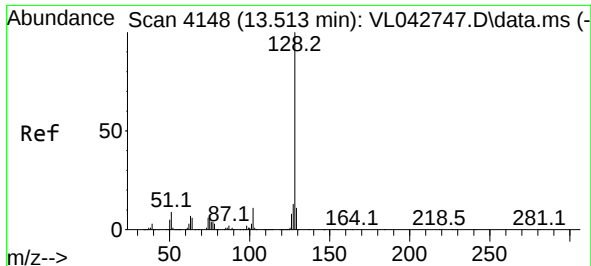
Tgt Ion:146 Resp: 471076
Ion Ratio Lower Upper
146 100
111 47.1 21.4 64.2
148 64.3 32.1 96.3



#77
1,2-Dichlorobenzene
Concen: 15.568 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion:146 Resp: 471076
Ion Ratio Lower Upper
146 100
111 47.1 23.7 71.1
148 64.3 32.6 97.7

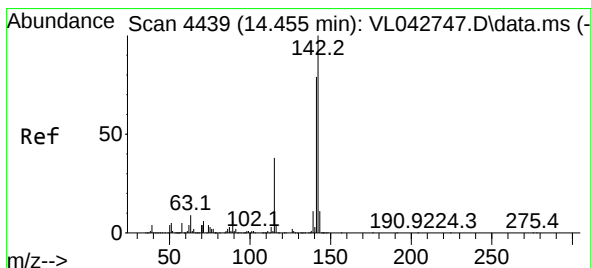
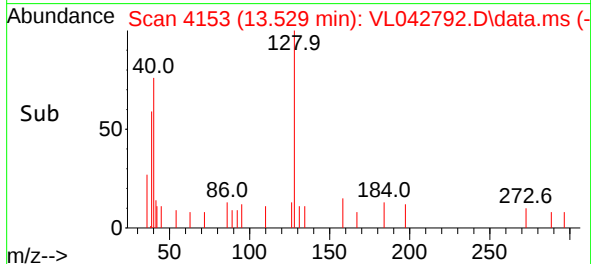
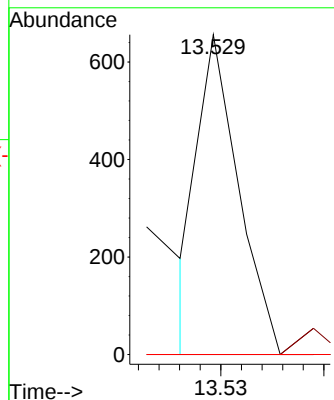
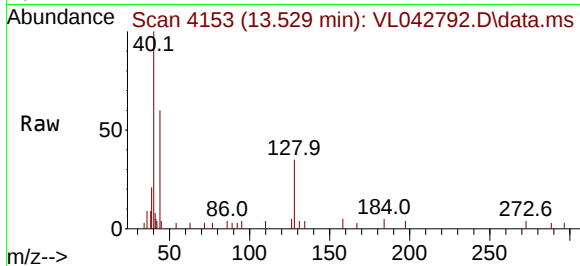




#79
Naphthalene
Concen: 0.439 ppbv
RT: 13.529 min Scan# 4148
Delta R.T. 0.016 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

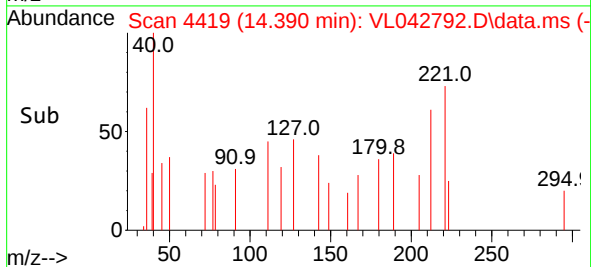
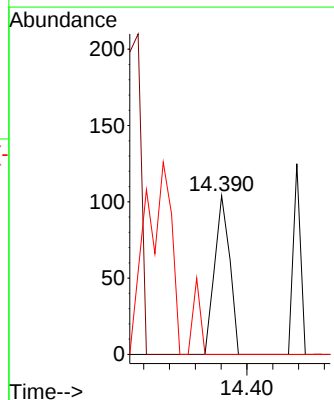
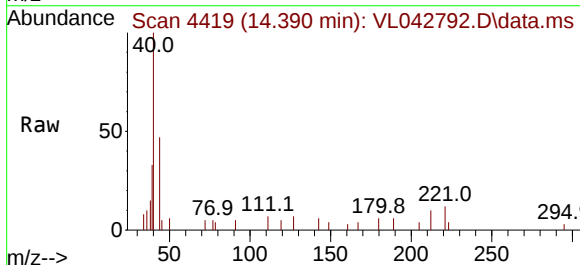
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL

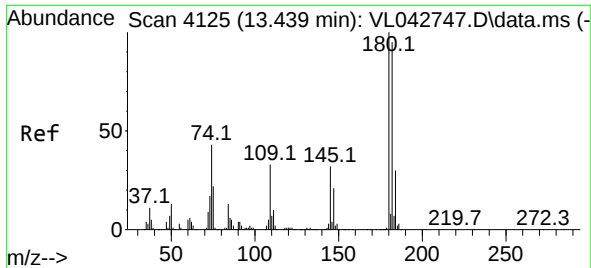
Tgt Ion:128 Resp: 175
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 1.130 ppbv
RT: 14.390 min Scan# 4419
Delta R.T. -0.065 min
Lab File: VL042792.D
Acq: 31 Jul 2025 12:39

Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
141 188.1 65.8 98.8#
115 228.6 31.2 46.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.439 ppbv

RT: 13.477 min Scan# 41

Delta R.T. 0.039 min

Lab File: VL042792.D

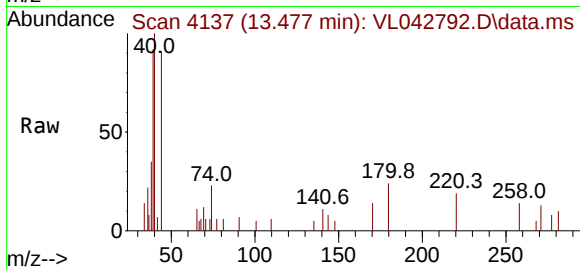
Acq: 31 Jul 2025 12:39

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL



Tgt Ion:180 Resp: 117

Ion Ratio Lower Upper

180 100

182 0.0 76.2 114.2#

184 0.0 24.8 37.2#

