

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073125\
 Data File : VL042793.D
 Acq On : 31 Jul 2025 13:15
 Operator : SY/MD
 Sample : Q2727-01DL2 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AE073-1100DL2

Quant Time: Aug 01 01:15:16 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)

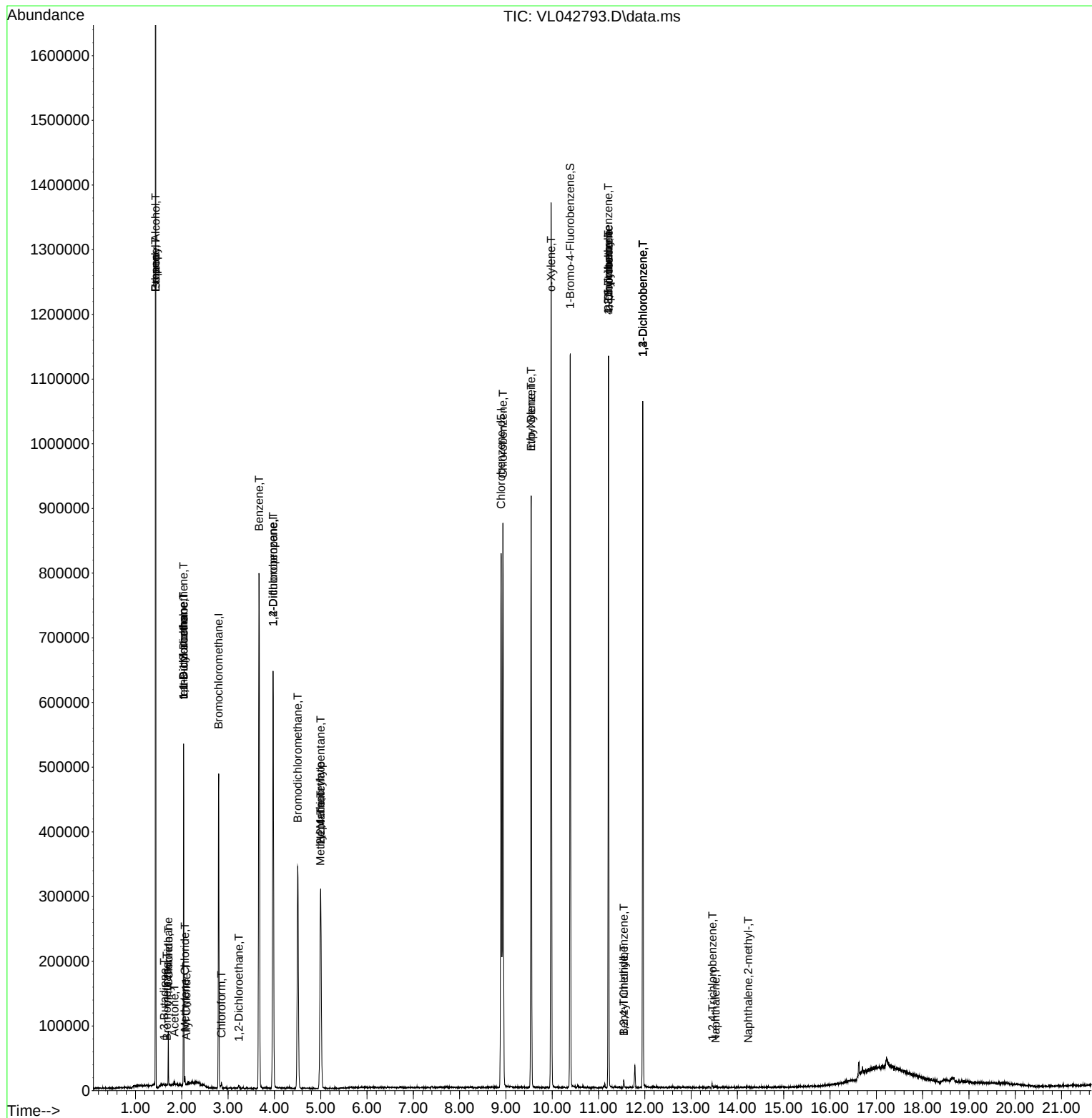
Internal Standards						
1) Bromochloromethane	2.797	49	135095	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	368077	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	321275	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	267370	10.509	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.100%	
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.713	62	1067	0.149	ppbv #	1
6) Bromomethane	1.677	94	57	0.021	ppbv #	1
7) Chloroethane	1.709	64	21161	7.671	ppbv	97
9) Propene	1.431	41	478	0.057	ppbv	92
10) Heptane	4.998	43	128422	5.632	ppbv	97
13) Ethanol	1.434	45	32113	51.001	ppbv	90
15) Acetone	1.842	43	2570	0.138	ppbv	100
16) 1,3-Butadiene	1.622	39	212	0.027	ppbv #	16
17) tert-Butyl alcohol	2.040	59	5605	0.333	ppbv #	74
18) 1,1-Dichloroethene	2.040	96	63505	10.045	ppbv	92
19) Isopropyl Alcohol	1.434	45	32113	3.239	ppbv #	39
20) Methylene Chloride	2.069	84	1672	0.284	ppbv #	81
21) Allyl Chloride	2.098	41	464	0.040	ppbv #	25
22) trans-1,2-Dichloroethene	2.040	96	63505	9.338	ppbv #	77
24) 1,1-Dichloroethane	2.040	63	43469	3.114	ppbv #	1
29) Chloroform	2.858	83	3268	0.117	ppbv #	72
36) Benzene	3.671	78	488205	13.995	ppbv	98
37) 1,2-Dichloroethane	3.234	62	2094	0.100	ppbv #	92
39) 1,2-Dichloropropane	3.972	63	94338	7.326	ppbv #	21
42) Bromodichloromethane	4.506	83	208761	7.628	ppbv	98
43) Methyl Methacrylate	4.991	69	6443	0.520	ppbv #	1
44) 2,2,4-Trimethylpentane	4.998	57	60874	1.071	ppbv #	1
57) Chlorobenzene	8.937	112	343073	11.034	ppbv	94
58) Ethyl Benzene	9.545	91	382502	7.539	ppbv #	74
59) m/p-Xylene	9.545	91	382502	9.433	ppbv	97
60) o-Xylene	9.976	91	587689	14.505	ppbv	99
64) n-propylbenzene	11.215	120	176961	11.358	ppbv #	1
66) Benzyl Chloride	11.549	91	612	0.140	ppbv #	73
71) 2-Chlorotoluene	11.215	91	45139	0.985	ppbv #	45
72) 4-Ethyltoluene	11.212	105	383936	7.935	ppbv #	83
73) 1,3,5-Trimethylbenzene	11.212	105	383936	9.637	ppbv	97
74) 1,2,4-Trimethylbenzene	11.549	105	3887	0.089	ppbv #	66
75) 1,3-Dichlorobenzene	11.957	146	233554	7.665	ppbv	100
76) 1,4-Dichlorobenzene	11.957	146	233554	7.833	ppbv	98
77) 1,2-Dichlorobenzene	11.957	146	233554	7.799	ppbv	98
79) Naphthalene	13.530	128	92	0.437	ppbv #	1
80) Naphthalene,2-methyl-	14.235	142	43	1.130	ppbv #	36
81) 1,2,4-Trichlorobenzene	13.458	180	236	0.443	ppbv #	1

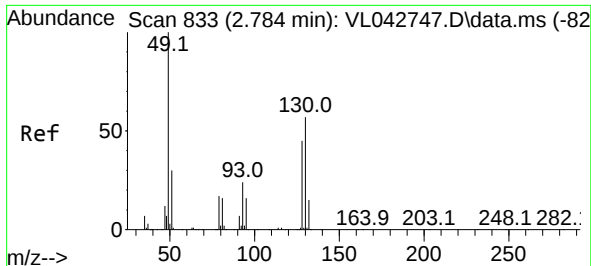
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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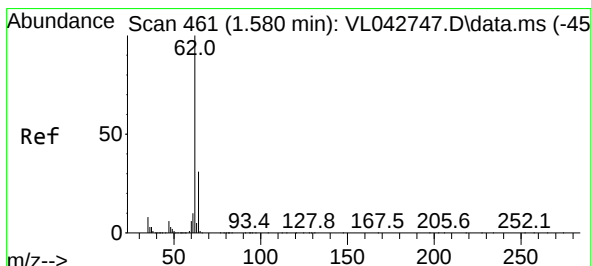
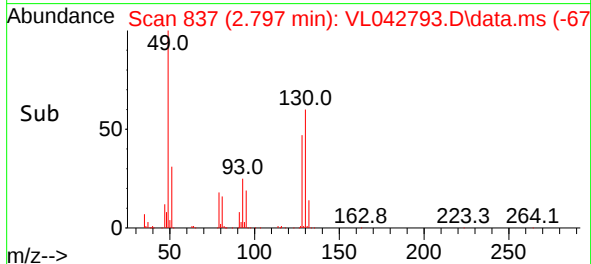
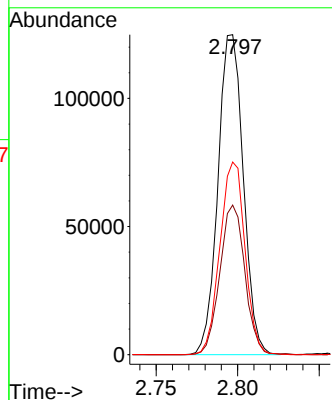
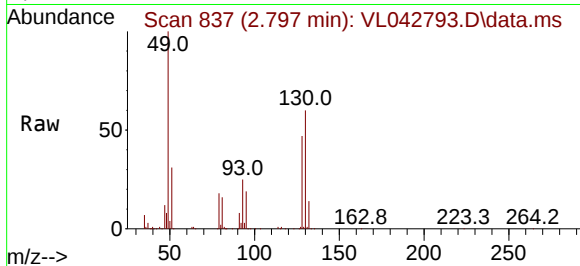




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

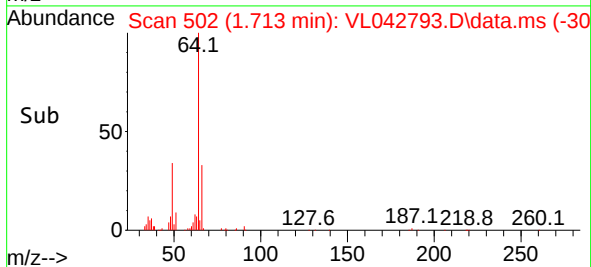
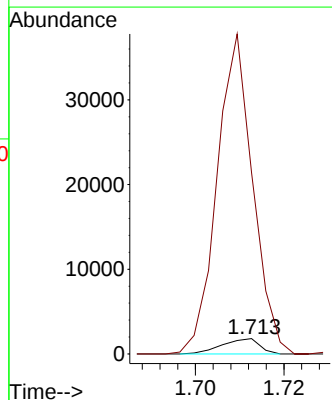
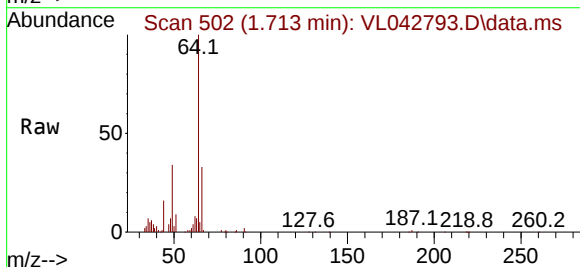
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

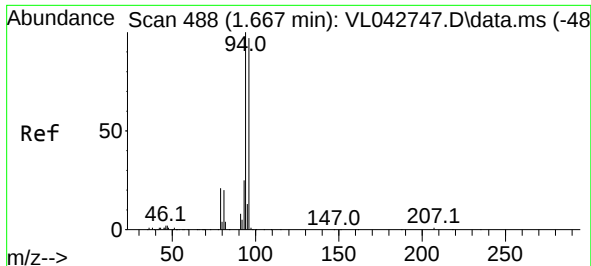
Tgt Ion: 49 Resp: 135095
Ion Ratio Lower Upper
49 100
128 46.2 23.6 71.0
130 59.5 30.3 90.8



#5
Vinyl Chloride
Concen: 0.149 ppbv
RT: 1.713 min Scan# 502
Delta R.T. 0.133 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 62 Resp: 1067
Ion Ratio Lower Upper
62 100
64 1168.3 24.5 36.7#

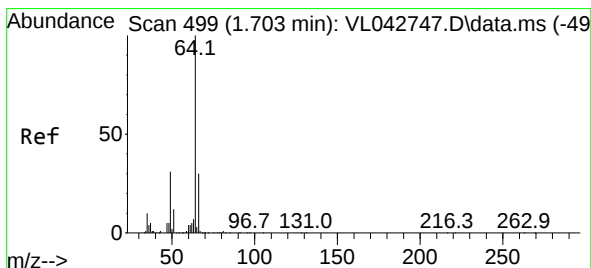
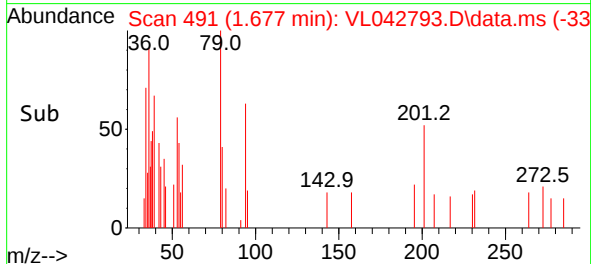
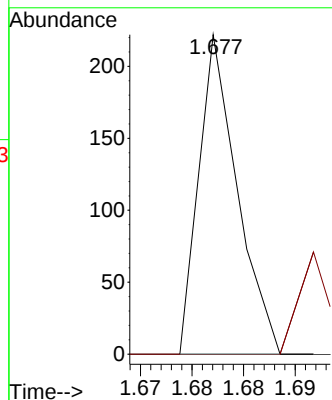
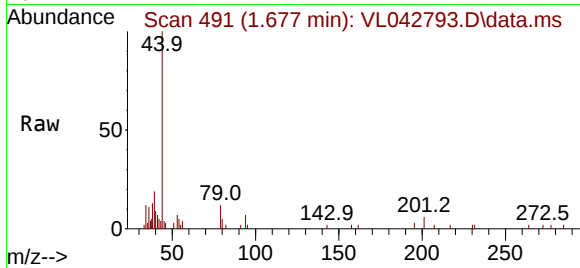




#6
Bromomethane
Concen: 0.021 ppbv
RT: 1.677 min Scan# 491
Delta R.T. 0.010 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

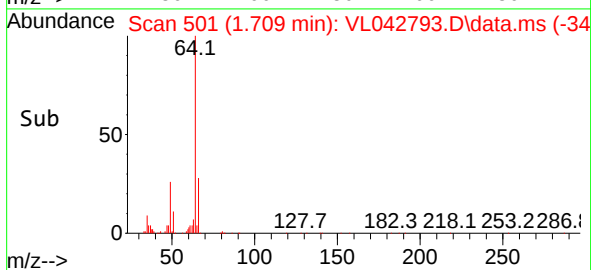
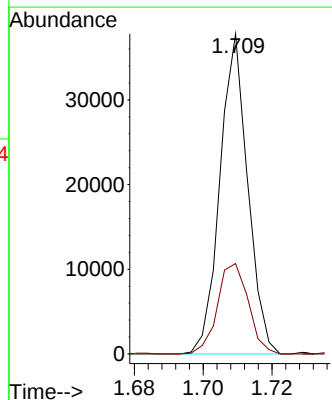
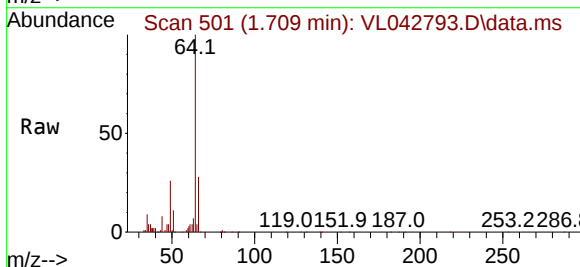
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

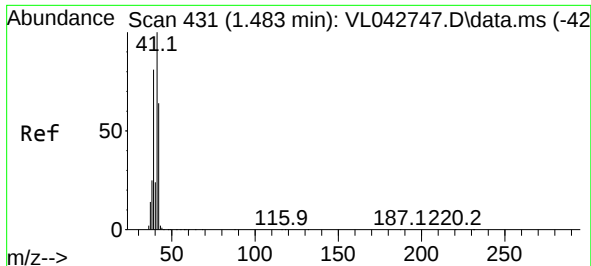
Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



#7
Chloroethane
Concen: 7.671 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 64 Resp: 21161
Ion Ratio Lower Upper
64 100
66 28.3 24.1 36.1

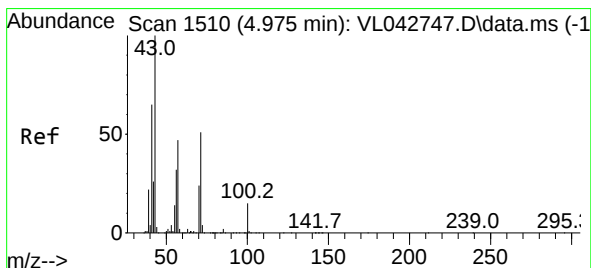
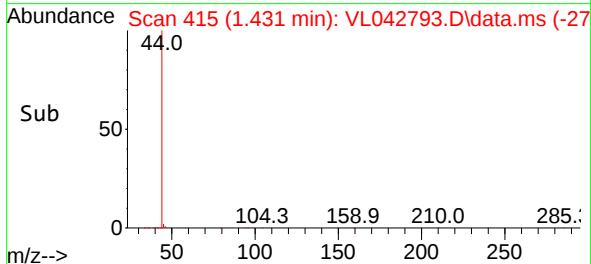
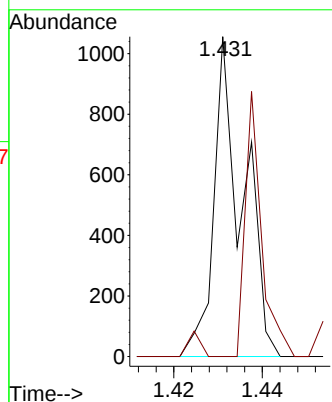
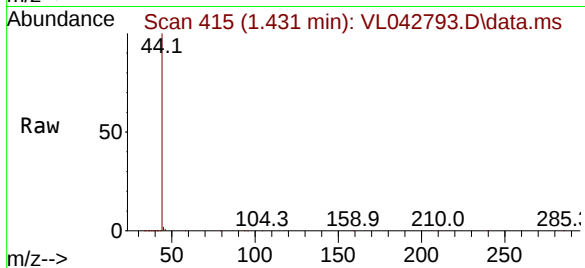




#9
Propene
Concen: 0.057 ppbv
RT: 1.431 min Scan# 41
Delta R.T. -0.052 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

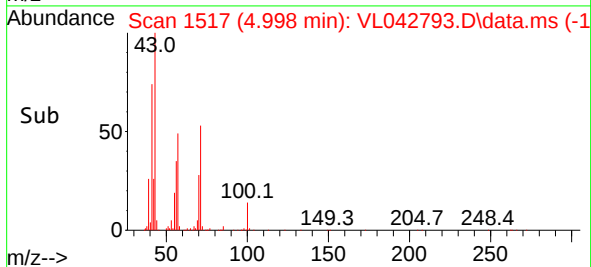
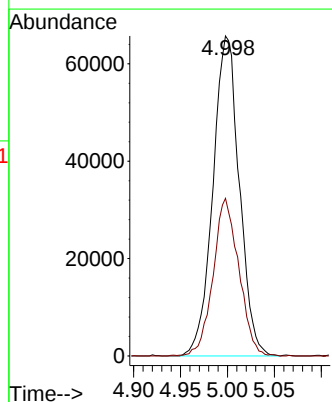
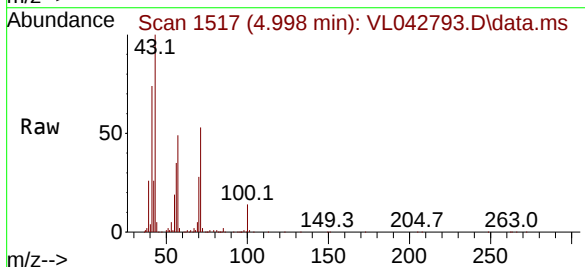
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

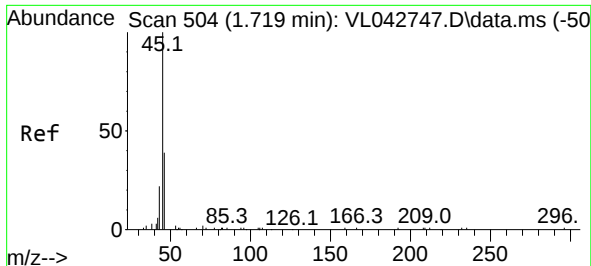
Tgt Ion: 41 Resp: 478
Ion Ratio Lower Upper
41 100
42 60.3 53.2 79.8



#10
Heptane
Concen: 5.632 ppbv
RT: 4.998 min Scan# 1517
Delta R.T. 0.023 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 43 Resp: 128422
Ion Ratio Lower Upper
43 100
57 48.0 39.9 59.9

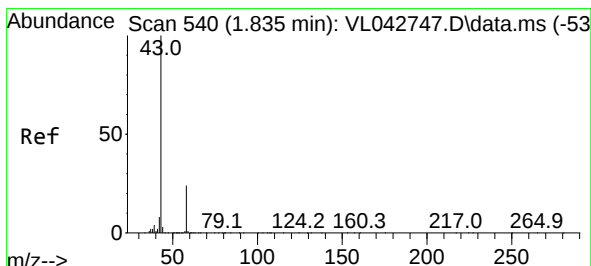
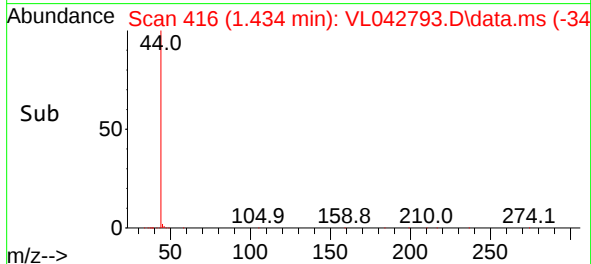
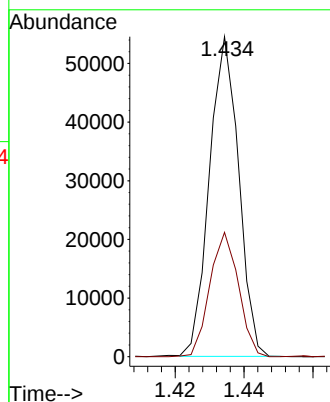
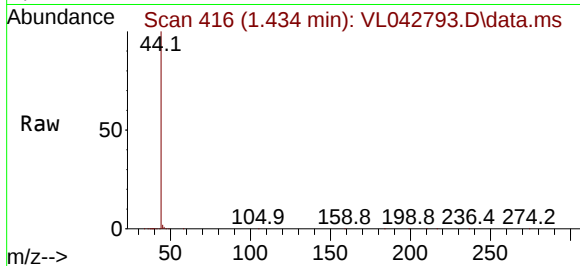




#13
 Ethanol
 Concen: 51.001 ppbv
 RT: 1.434 min Scan# 41
 Delta R.T. -0.285 min
 Lab File: VL042793.D
 Acq: 31 Jul 2025 13:15

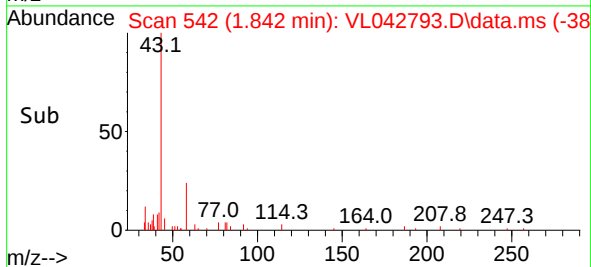
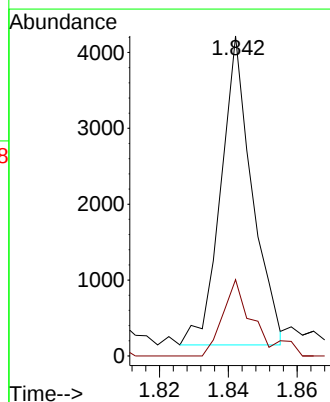
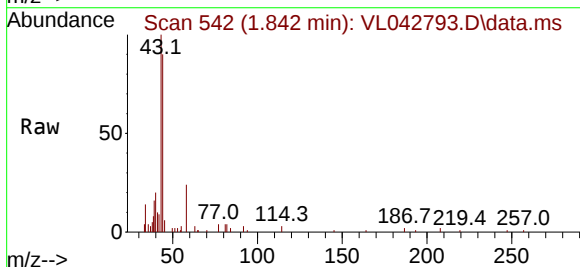
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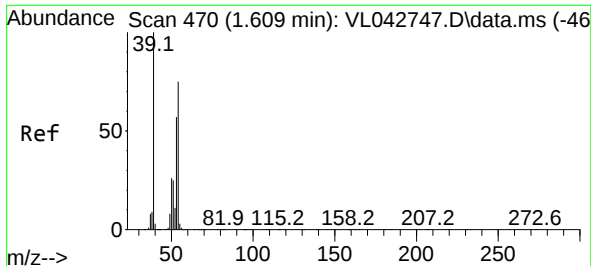
Tgt Ion: 45 Resp: 32113
 Ion Ratio Lower Upper
 45 100
 46 38.3 17.8 71.4



#15
 Acetone
 Concen: 0.138 ppbv
 RT: 1.842 min Scan# 542
 Delta R.T. 0.007 min
 Lab File: VL042793.D
 Acq: 31 Jul 2025 13:15

Tgt Ion: 43 Resp: 2570
 Ion Ratio Lower Upper
 43 100
 58 24.7 19.8 29.8

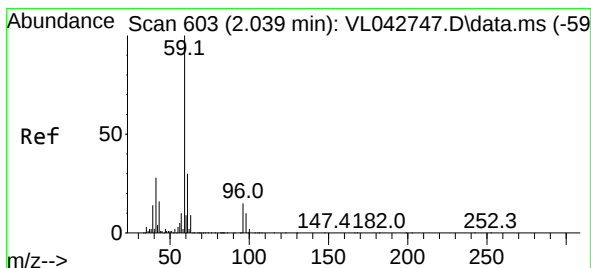
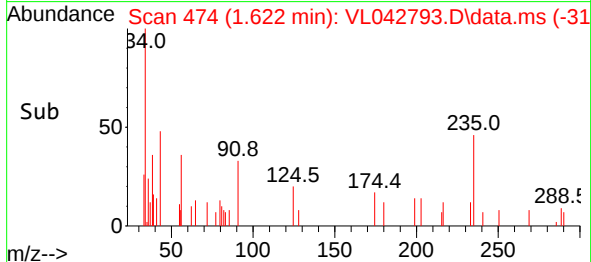
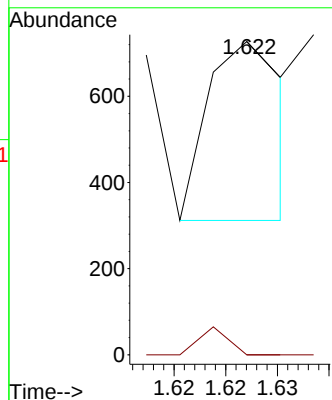
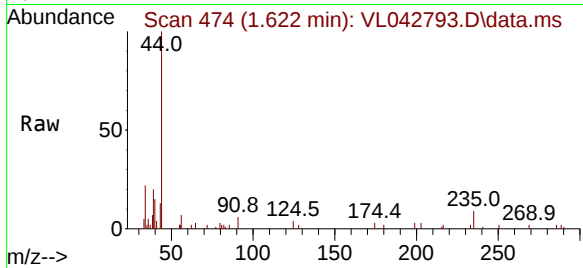




#16
1,3-Butadiene
Concen: 0.027 ppbv
RT: 1.622 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

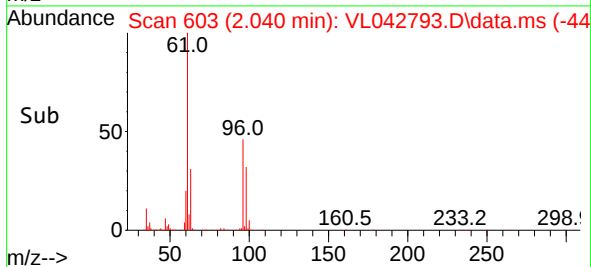
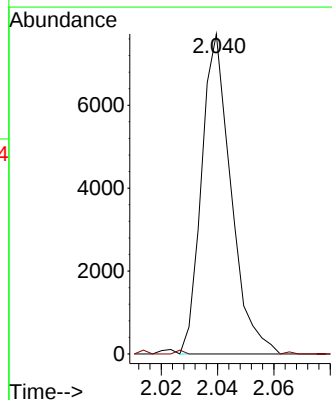
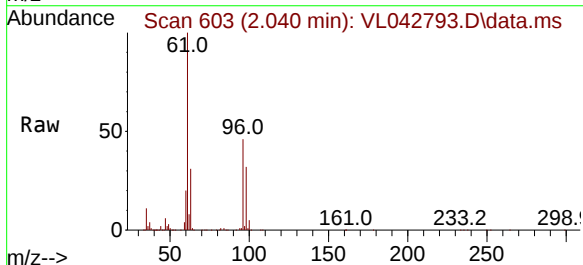
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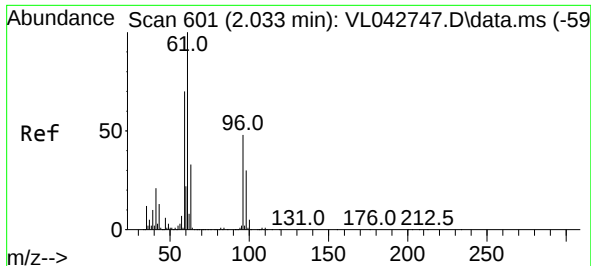
Tgt Ion: 39 Resp: 212
Ion Ratio Lower Upper
39 100
54 0.0 54.5 81.7#



#17
tert-Butyl alcohol
Concen: 0.333 ppbv
RT: 2.040 min Scan# 603
Delta R.T. 0.000 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 59 Resp: 5605
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#

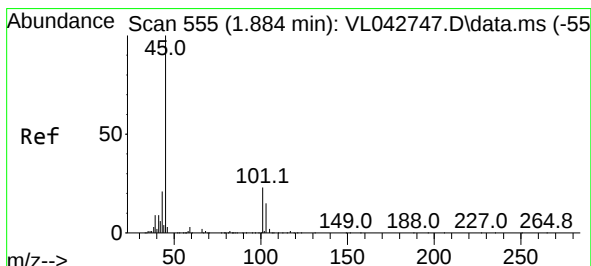
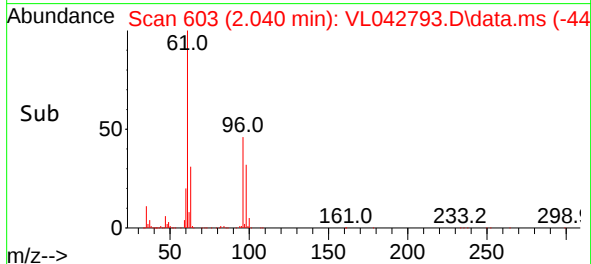
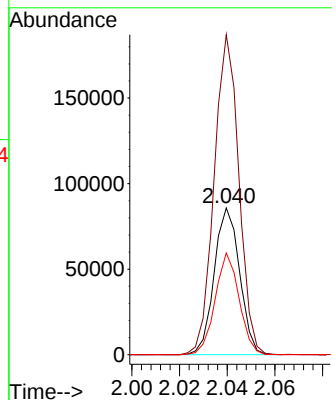
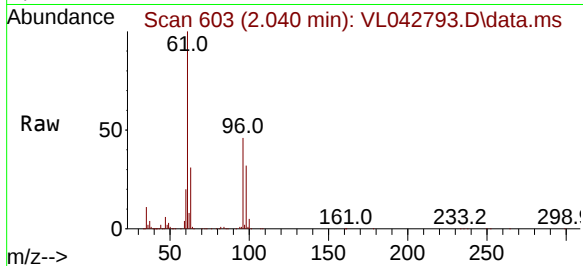




#18
1,1-Dichloroethene
Concen: 10.045 ppbv
RT: 2.040 min Scan# 601
Delta R.T. 0.007 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

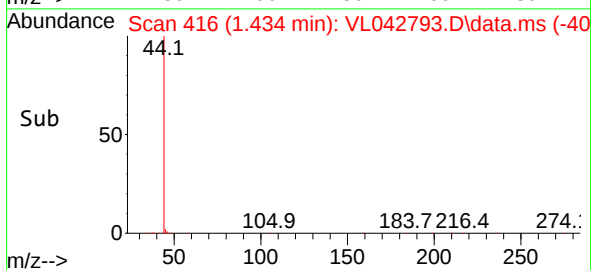
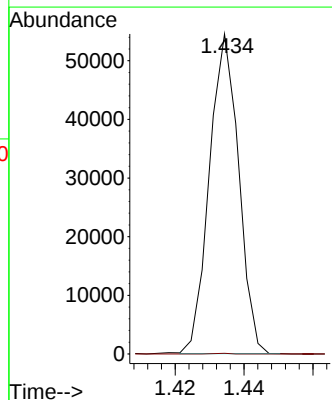
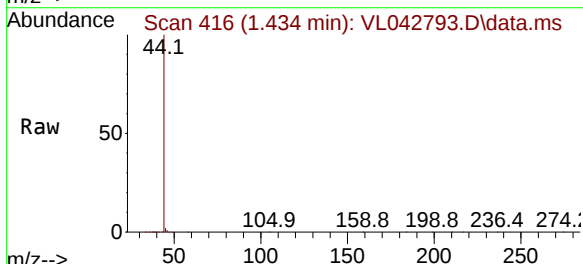
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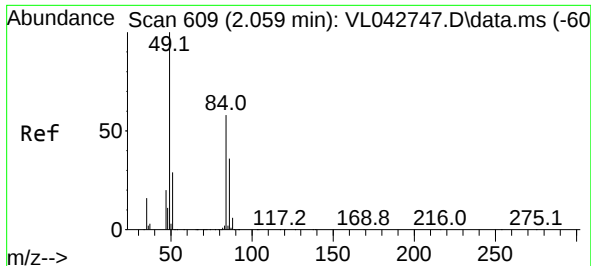
Tgt Ion: 96 Resp: 63505
Ion Ratio Lower Upper
96 100
61 218.2 165.8 248.6
98 69.4 49.9 74.9



#19
Isopropyl Alcohol
Concen: 3.239 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.450 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 45 Resp: 32113
Ion Ratio Lower Upper
45 100
58 0.6 30.0 45.0#

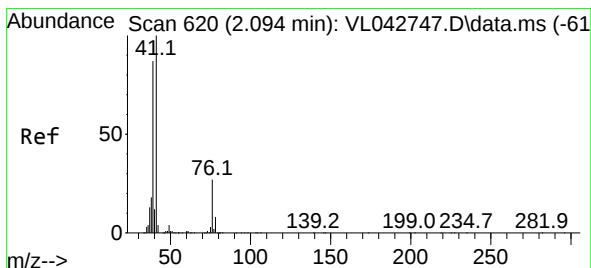
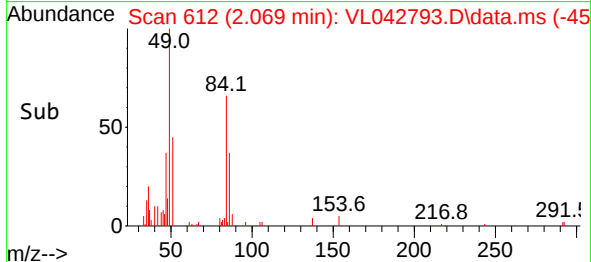
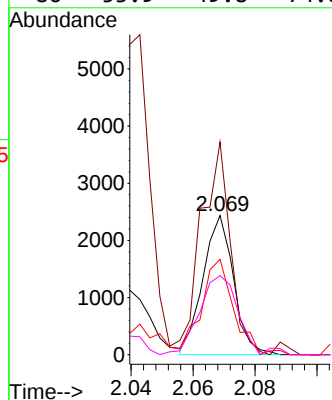
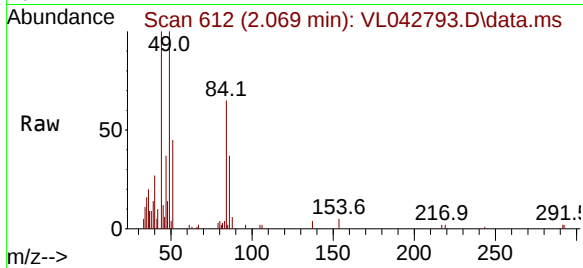




#20
Methylene Chloride
Concen: 0.284 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

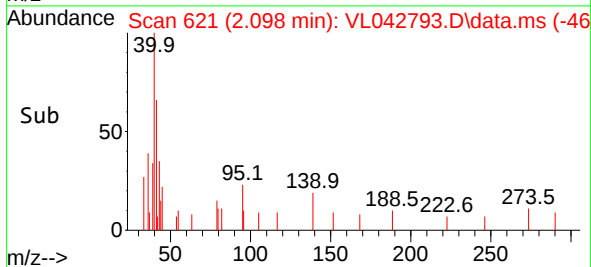
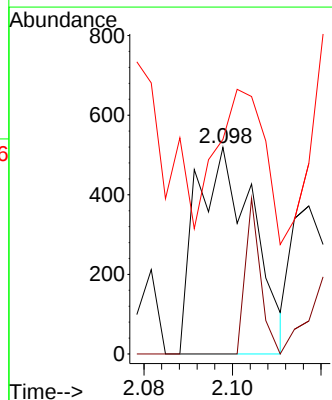
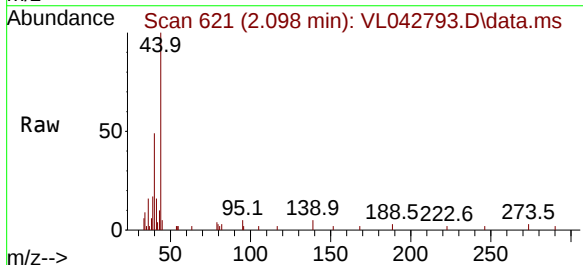
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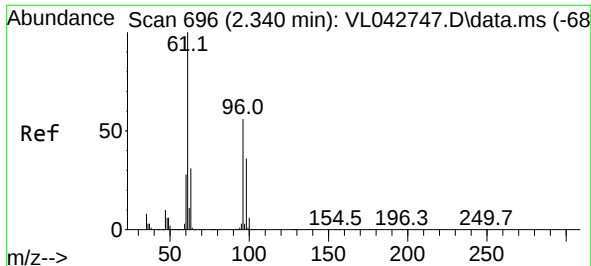
Tgt Ion: 84	Resp: 1672
Ion Ratio	Lower Upper
84 100	
49 143.6	138.6 208.0
51 65.5	40.6 61.0#
86 53.9	49.8 74.8



#21
Allyl Chloride
Concen: 0.040 ppbv
RT: 2.098 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 41	Resp: 464		
Ion Ratio	Lower	Upper	
41 100			
76 34.1	21.1	31.7#	
39 0.0	68.3	102.5#	

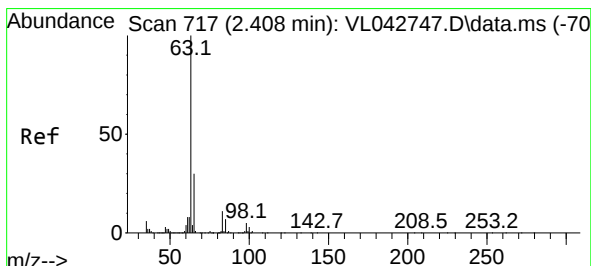
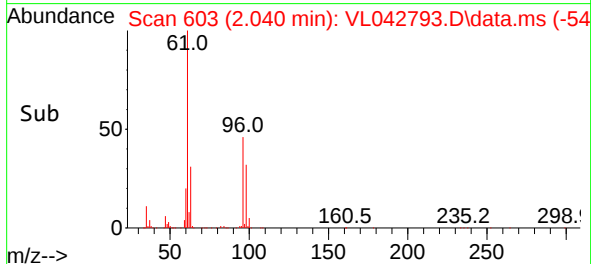
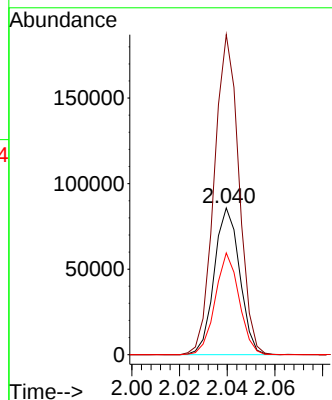
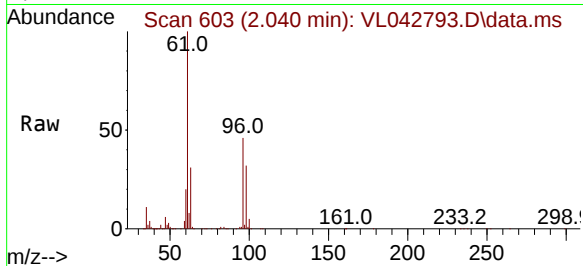




#22
trans-1,2-Dichloroethene
Concen: 9.338 ppbv
RT: 2.040 min Scan# 603
Delta R.T. -0.301 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

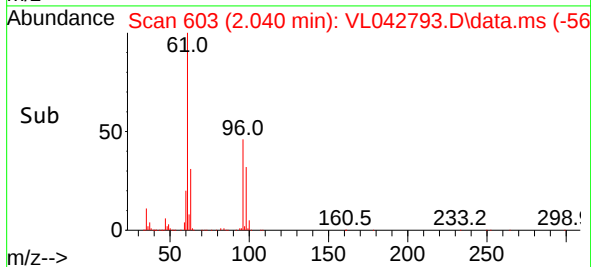
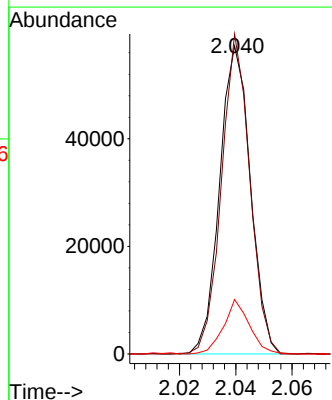
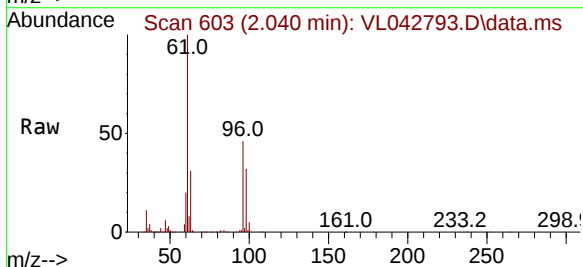
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

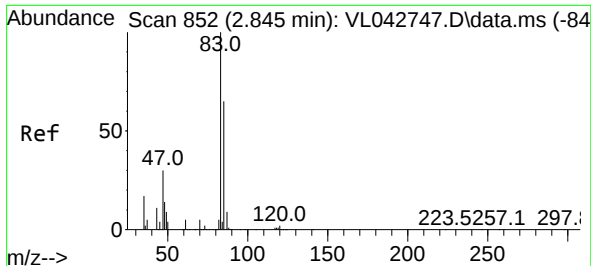
Tgt Ion: 96 Resp: 63505
Ion Ratio Lower Upper
96 100
61 218.2 142.3 213.5#
98 69.4 50.6 76.0



#24
1,1-Dichloroethane
Concen: 3.114 ppbv
RT: 2.040 min Scan# 603
Delta R.T. -0.369 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 63 Resp: 43469
Ion Ratio Lower Upper
63 100
98 103.9 2.5 7.4#
100 17.6 1.6 4.8#





#29

Chloroform

Concen: 0.117 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

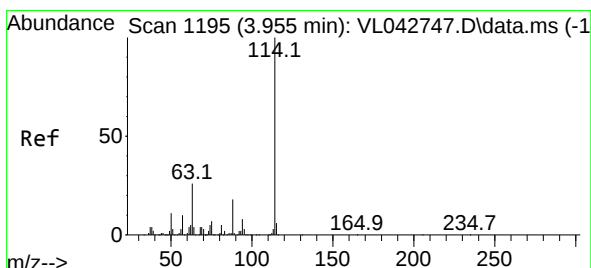
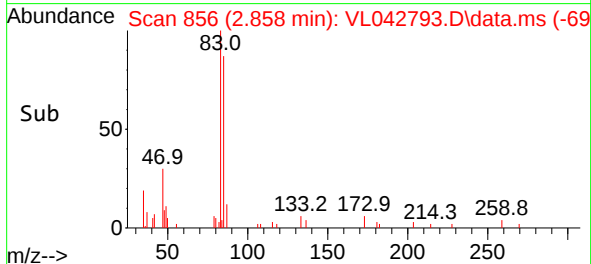
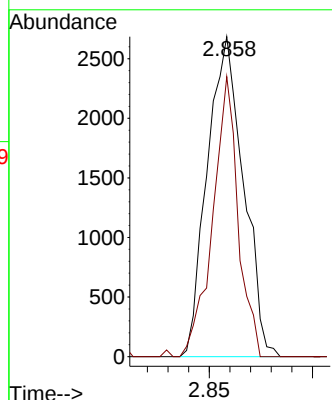
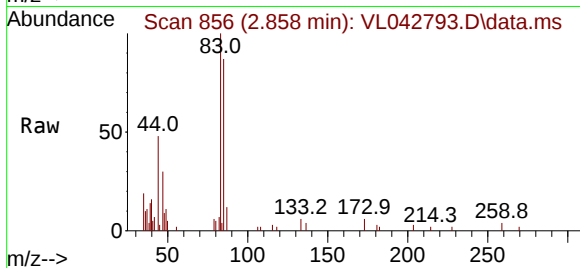
AE073-1100DL2

Tgt Ion: 83 Resp: 3268

Ion Ratio Lower Upper

83 100

85 87.5 52.2 78.2#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1200

Delta R.T. 0.016 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

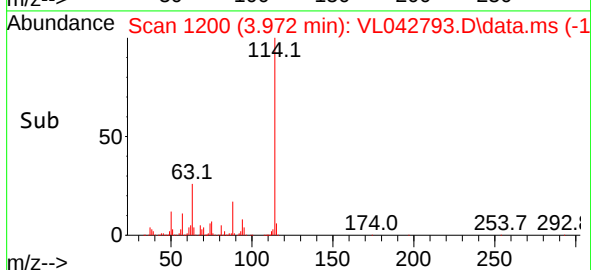
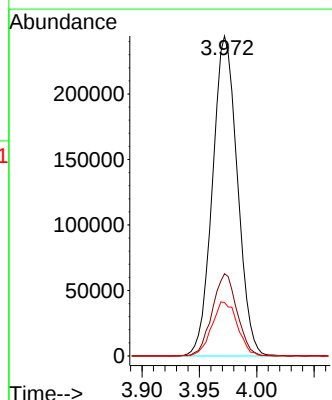
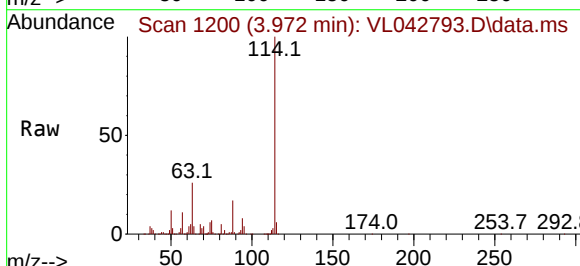
Tgt Ion: 114 Resp: 368077

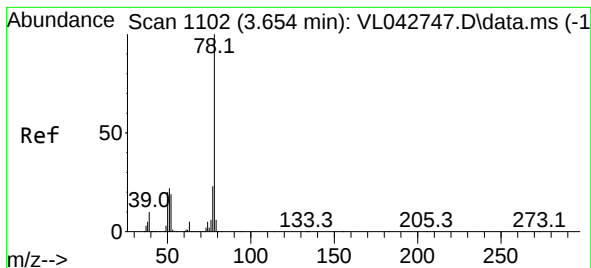
Ion Ratio Lower Upper

114 100

63 25.7 20.5 30.7

88 17.5 14.0 21.0





#36

Benzene

Concen: 13.995 ppbv

RT: 3.671 min Scan# 1107

Delta R.T. 0.016 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL2

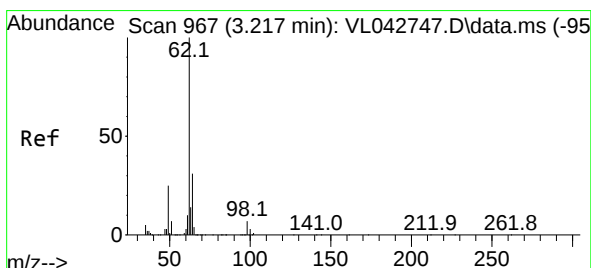
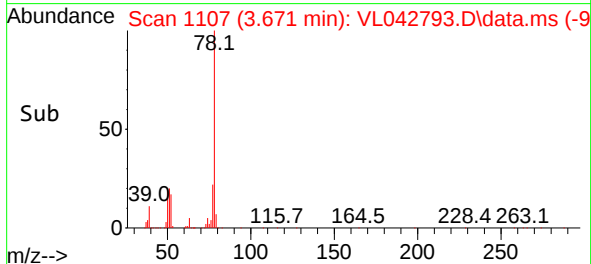
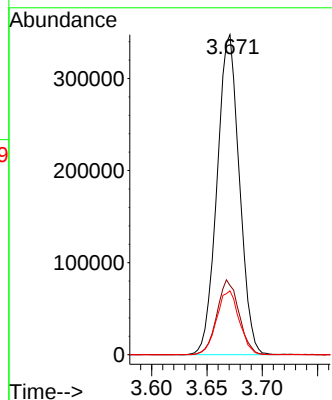
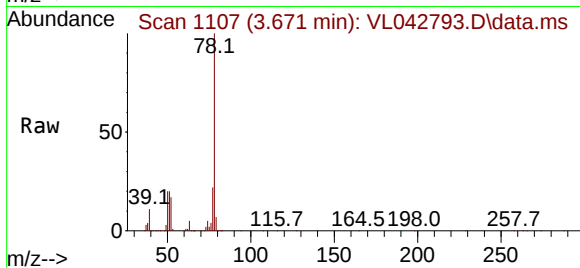
Tgt Ion: 78 Resp: 488205

Ion Ratio Lower Upper

78 100

77 21.7 18.5 27.7

50 20.0 16.2 24.2



#37

1,2-Dichloroethane

Concen: 0.100 ppbv

RT: 3.234 min Scan# 972

Delta R.T. 0.016 min

Lab File: VL042793.D

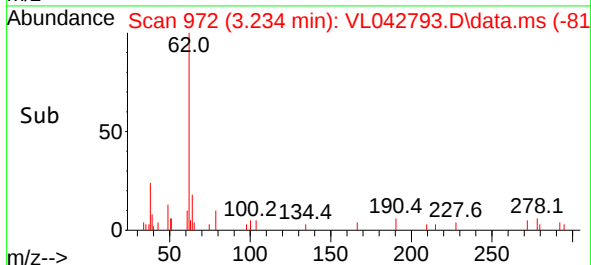
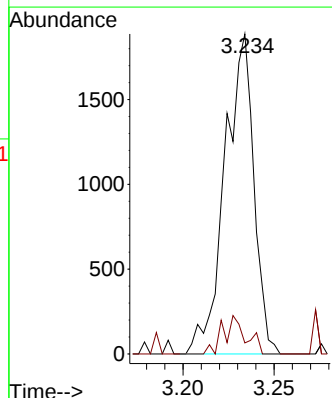
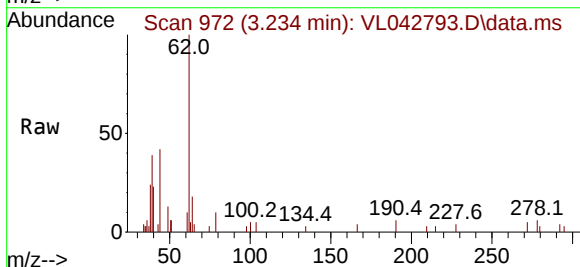
Acq: 31 Jul 2025 13:15

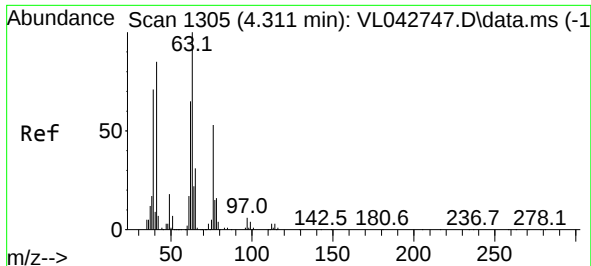
Tgt Ion: 62 Resp: 2094

Ion Ratio Lower Upper

62 100

98 9.2 5.2 7.8#





#39

1,2-Dichloropropane

Concen: 7.326 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.340 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL2

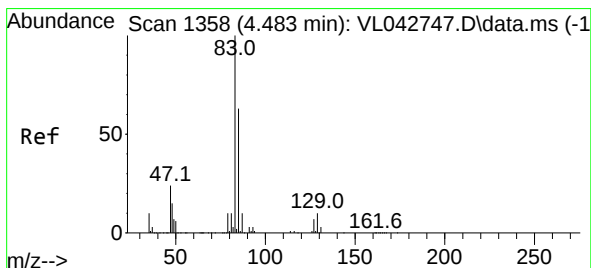
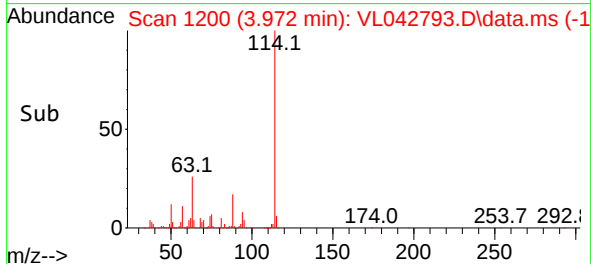
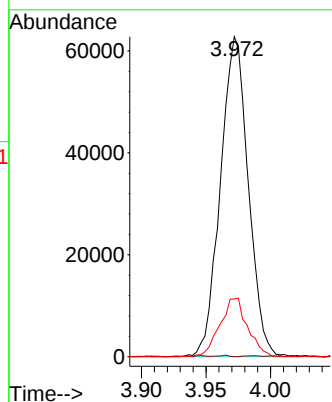
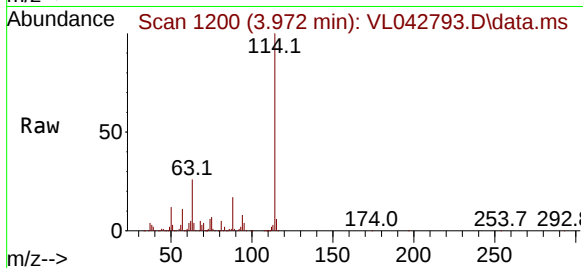
Tgt Ion: 63 Resp: 94338

Ion Ratio Lower Upper

63 100

41 0.0 68.2 102.4#

62 18.1 52.0 78.0#



#42

Bromodichloromethane

Concen: 7.628 ppbv

RT: 4.506 min Scan# 1365

Delta R.T. 0.023 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

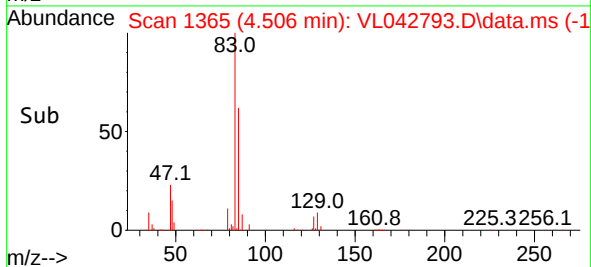
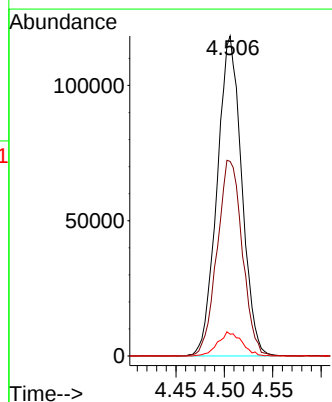
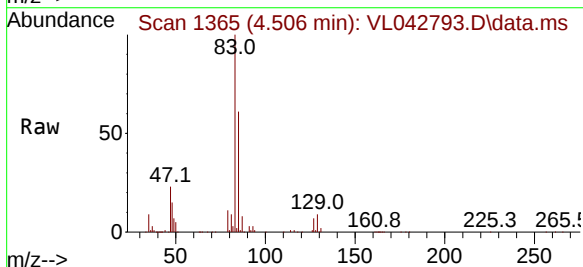
Tgt Ion: 83 Resp: 208761

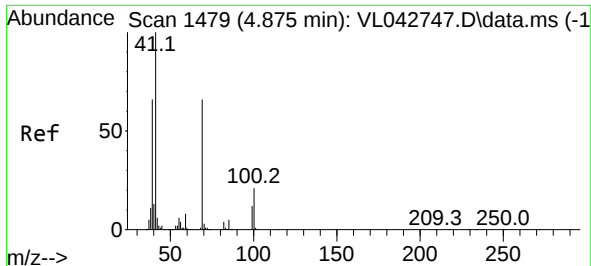
Ion Ratio Lower Upper

83 100

85 60.8 50.2 75.4

127 6.8 5.4 8.2

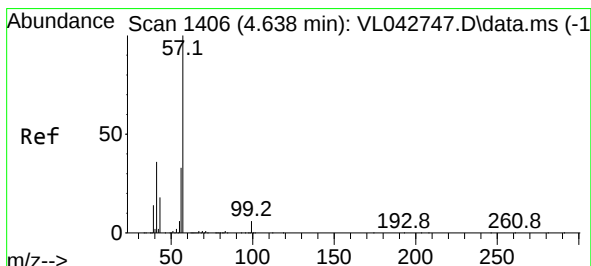
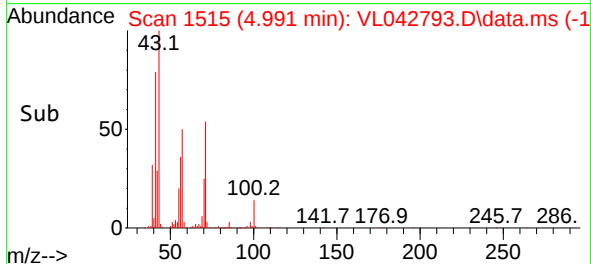
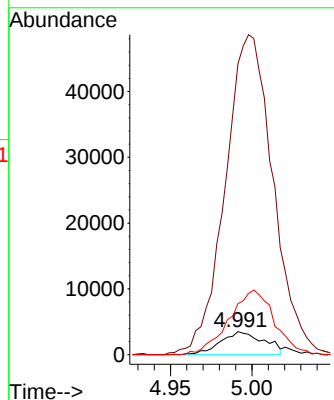
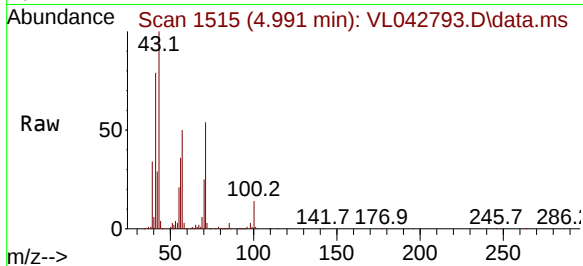




#43
Methyl Methacrylate
Concen: 0.520 ppbv
RT: 4.991 min Scan# 1515
Delta R.T. 0.117 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

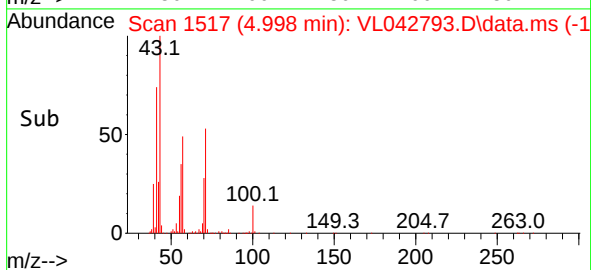
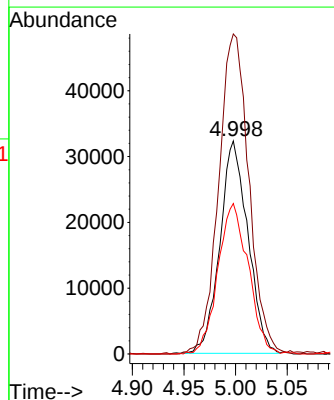
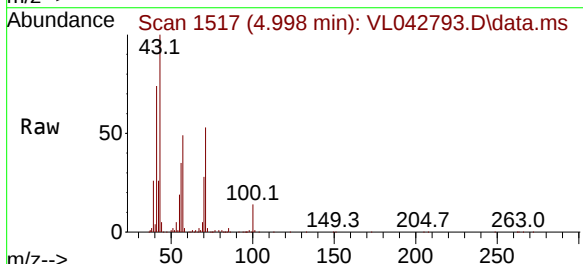
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

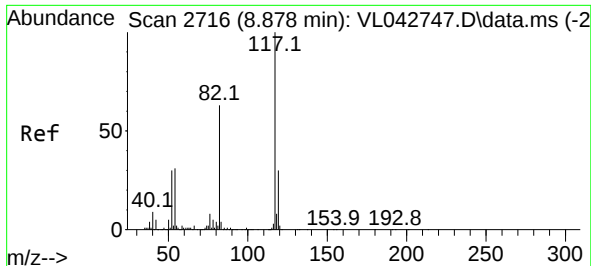
Tgt Ion: 69 Resp: 6443
Ion Ratio Lower Upper
69 100
41 1548.8 125.7 188.5#
100 296.1 28.6 42.8#



#44
2,2,4-Trimethylpentane
Concen: 1.071 ppbv
RT: 4.998 min Scan# 1517
Delta R.T. 0.359 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 57 Resp: 60874
Ion Ratio Lower Upper
57 100
41 164.1 28.3 42.5#
56 77.1 25.8 38.6#

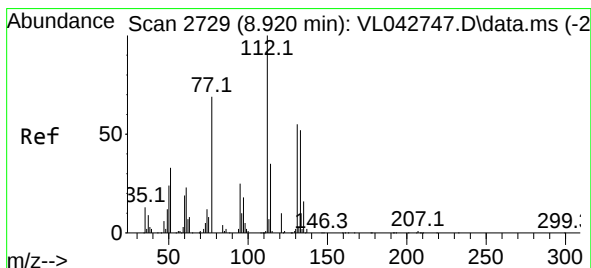
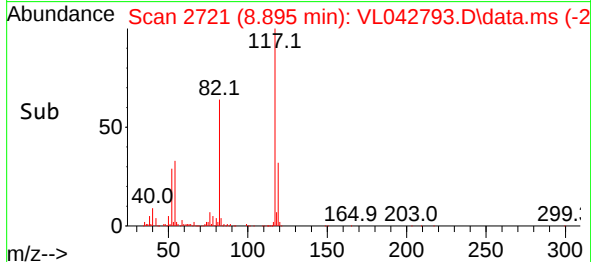
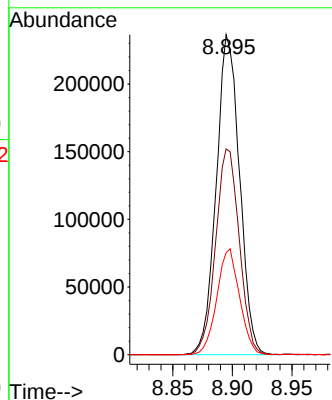
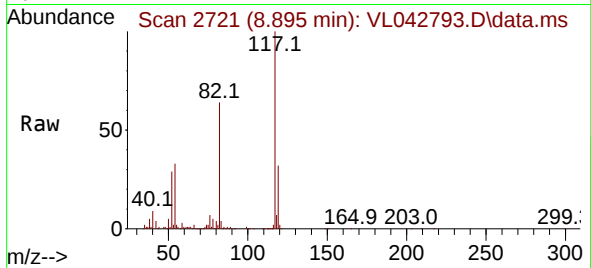




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

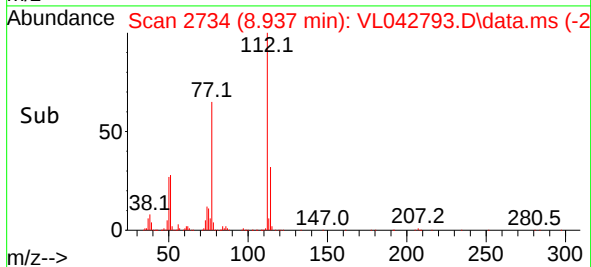
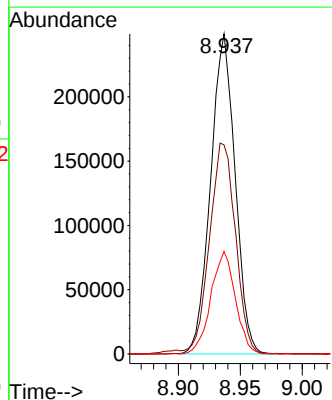
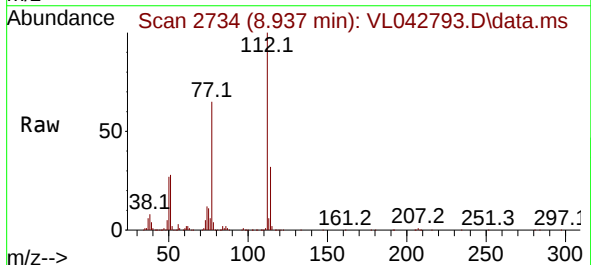
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

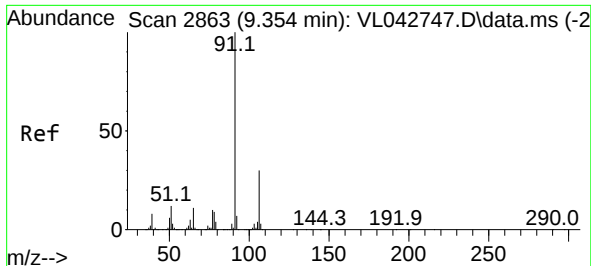
Tgt Ion:117 Resp: 321275
Ion Ratio Lower Upper
117 100
82 65.5 53.3 79.9
119 32.3 25.8 38.6



#57
Chlorobenzene
Concen: 11.034 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.016 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion:112 Resp: 343073
Ion Ratio Lower Upper
112 100
77 65.3 56.4 84.6
114 32.0 31.2 38.2

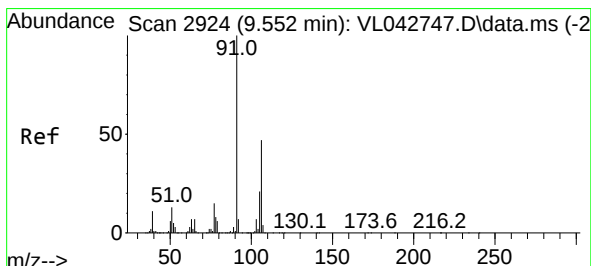
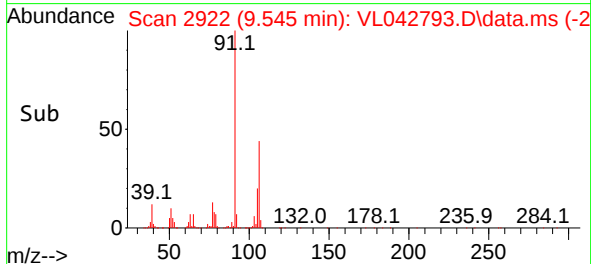
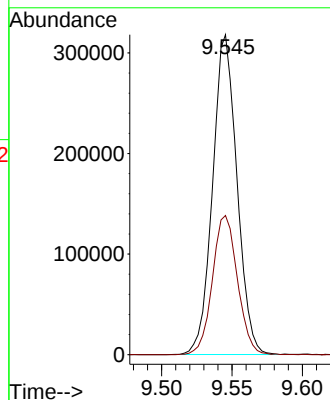
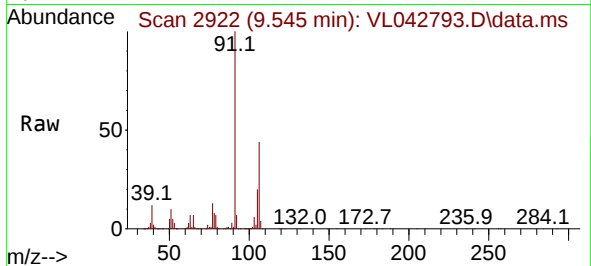




#58
Ethyl Benzene
Concen: 7.539 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. 0.191 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

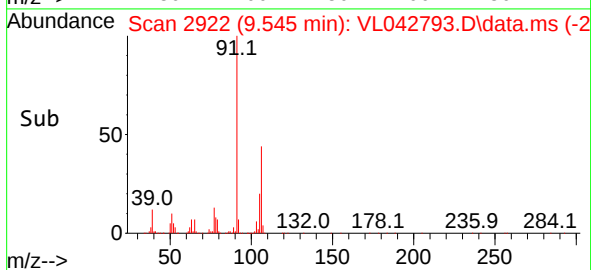
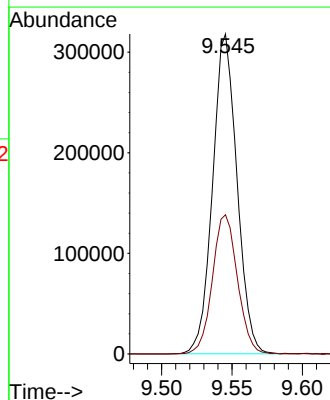
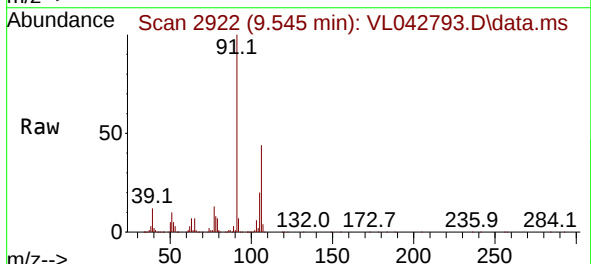
Instrument :
MSVOA_1
ClientSampleId :
AE073-1100DL2

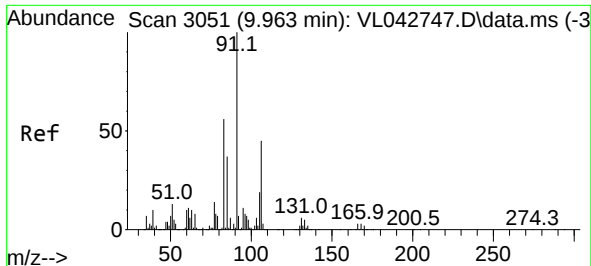
Tgt Ion: 91 Resp: 382502
Ion Ratio Lower Upper
91 100
106 43.5 23.8 35.6#



#59
m/p-Xylene
Concen: 9.433 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. -0.006 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 91 Resp: 382502
Ion Ratio Lower Upper
91 100
106 44.9 37.4 56.2





#60

o-Xylene

Concen: 14.505 ppbv

RT: 9.976 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Instrument :

MSVOA_L

ClientSampleId :

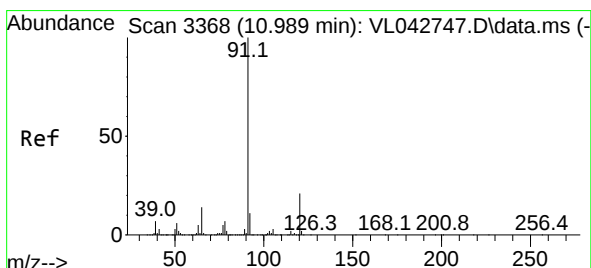
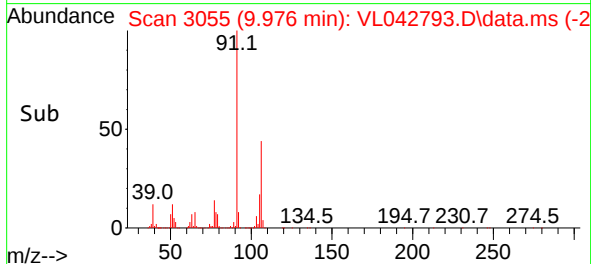
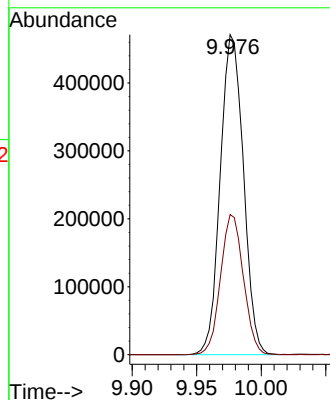
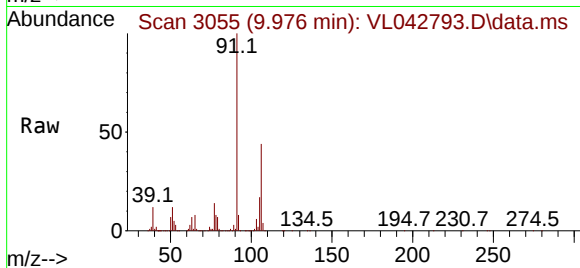
AE073-1100DL2

Tgt Ion: 91 Resp: 587689

Ion Ratio Lower Upper

91 100

106 43.1 22.0 66.0



#64

n-propylbenzene

Concen: 11.358 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.227 min

Lab File: VL042793.D

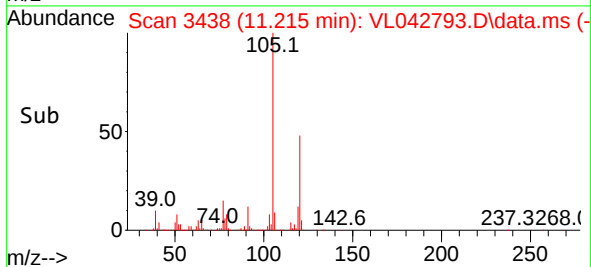
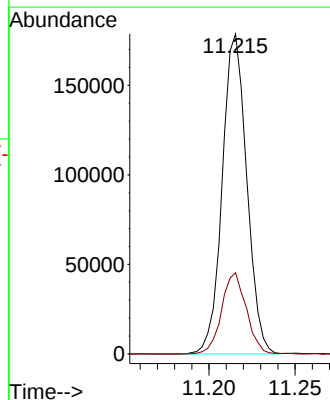
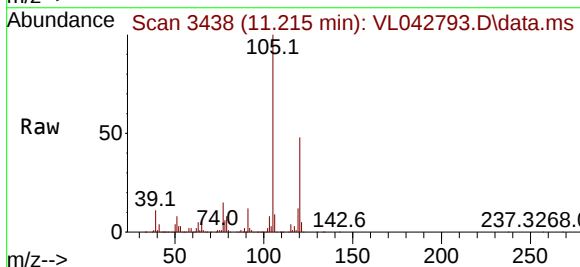
Acq: 31 Jul 2025 13:15

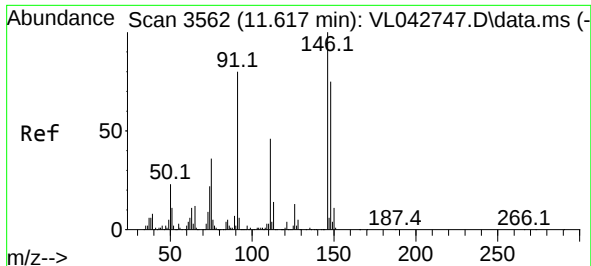
Tgt Ion: 120 Resp: 176961

Ion Ratio Lower Upper

120 100

91 25.6 372.7 559.1#

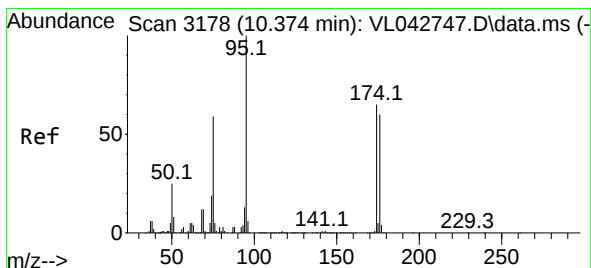
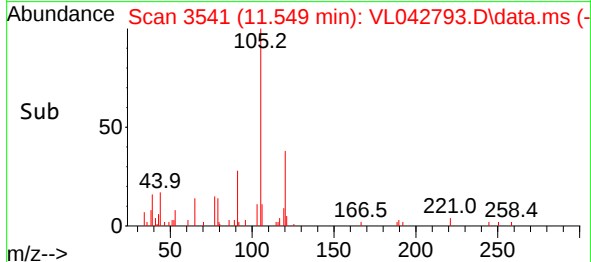
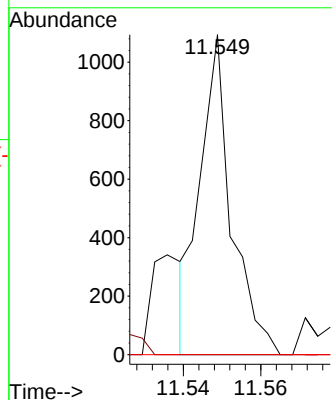
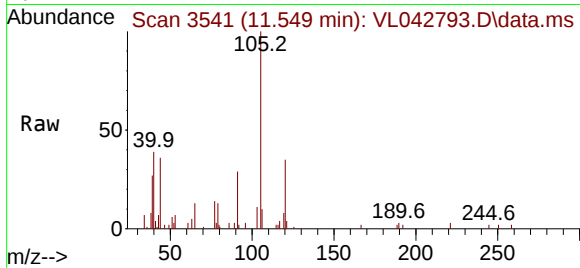




#66
Benzyl Chloride
Concen: 0.140 ppbv
RT: 11.549 min Scan# 3183
Delta R.T. -0.068 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

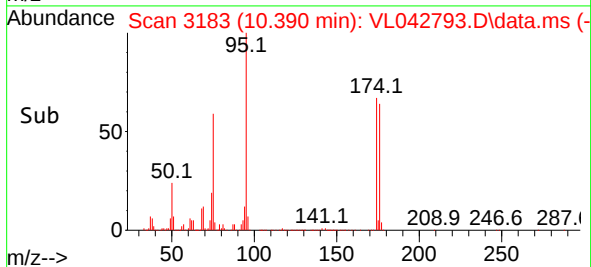
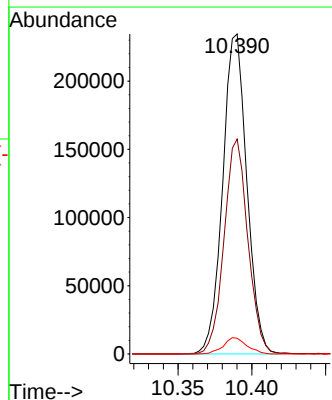
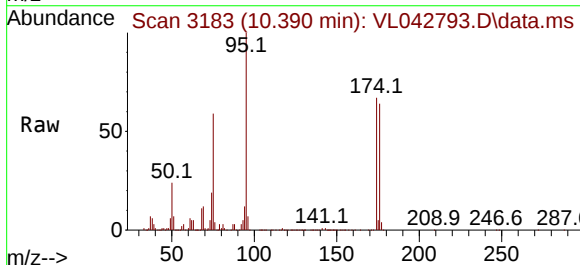
Instrument :
MSVOA_1
ClientSampleId :
AE073-1100DL2

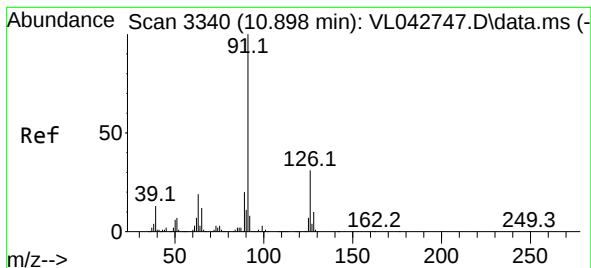
Tgt Ion: 91 Resp: 612
Ion Ratio Lower Upper
91 100
126 3.9 14.4 21.6#
128 2.0 5.2 7.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.509 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.016 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 95 Resp: 267370
Ion Ratio Lower Upper
95 100
174 66.2 53.8 80.6
175 4.9 4.0 6.0

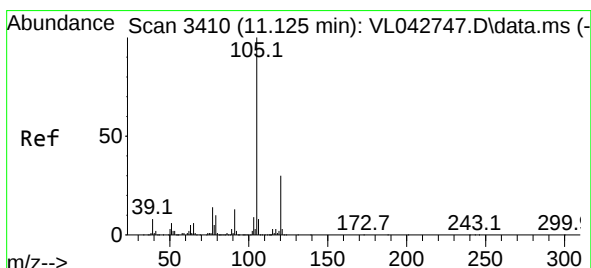
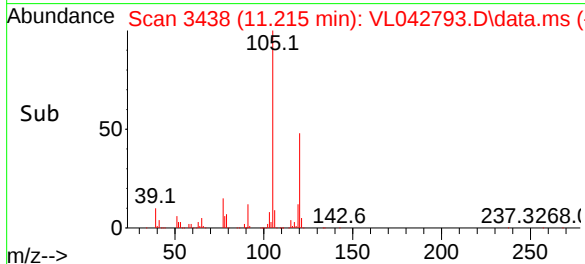
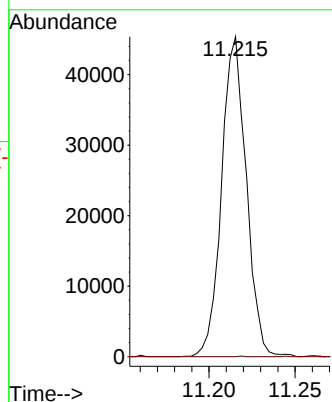
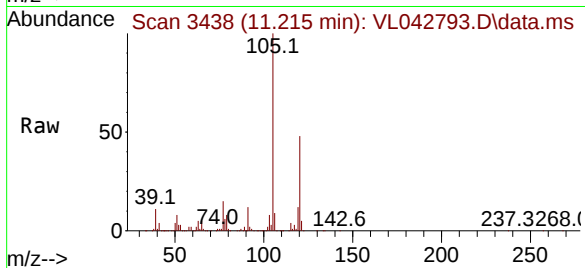




#71
2-Chlorotoluene
Concen: 0.985 ppbv
RT: 11.215 min Scan# 3410
Delta R.T. 0.317 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

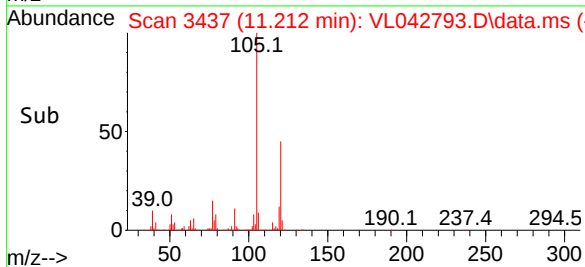
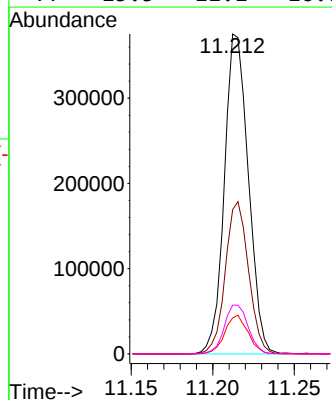
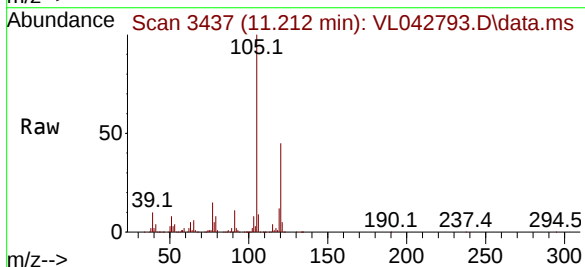
Instrument :
MSVOA_1
ClientSampleId :
AE073-1100DL2

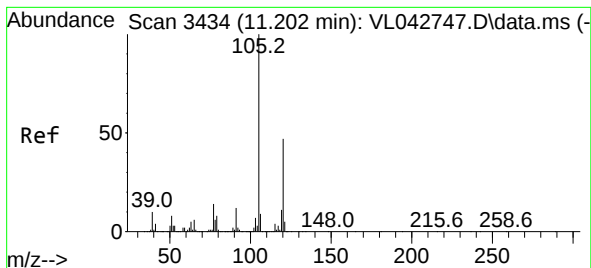
Tgt Ion: 91 Resp: 45139
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#



#72
4-Ethyltoluene
Concen: 7.935 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. 0.088 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion: 105 Resp: 383936
Ion Ratio Lower Upper
105 100
120 46.2 24.4 36.6#
91 11.8 10.6 15.8
77 15.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.637 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.010 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Instrument :

MSVOA_1

ClientSampleId :

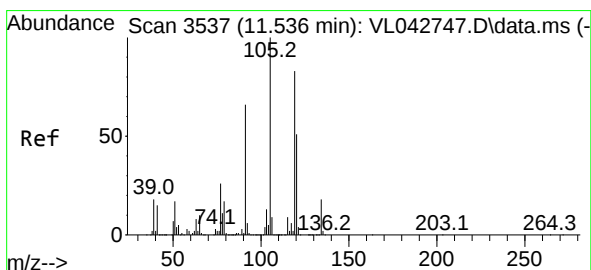
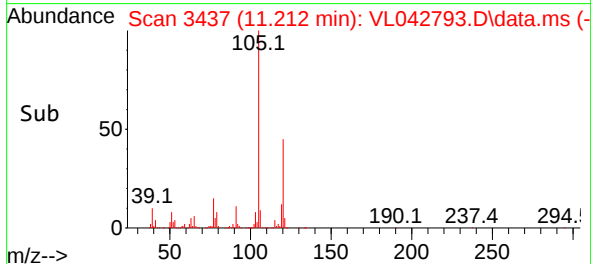
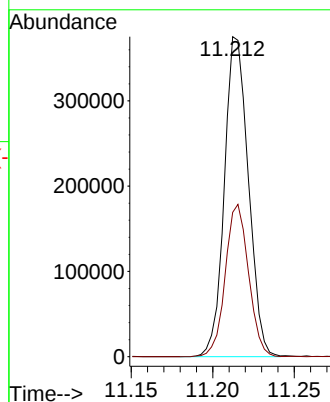
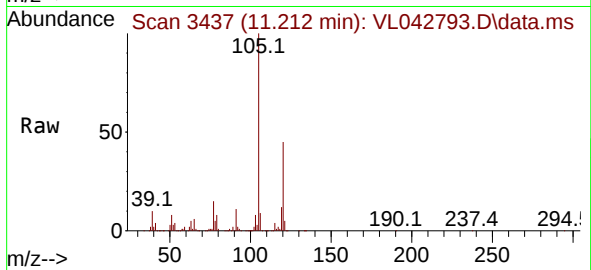
AE073-1100DL2

Tgt Ion:105 Resp: 383936

Ion Ratio Lower Upper

105 100

120 45.1 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 0.089 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Tgt Ion:105 Resp: 3887

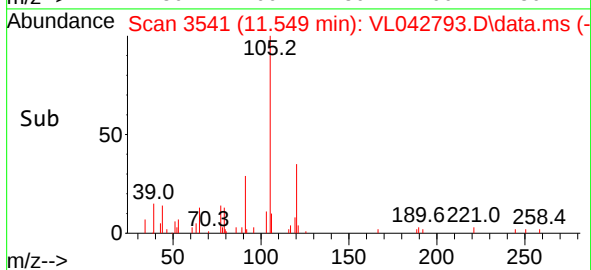
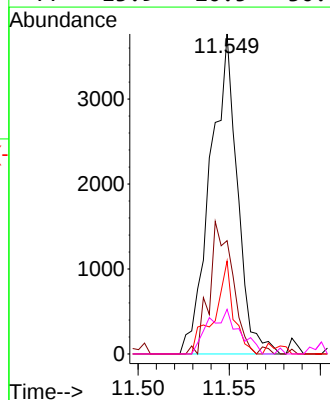
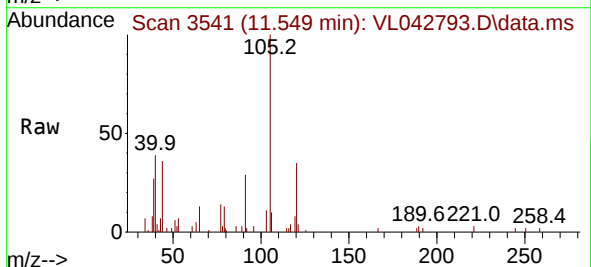
Ion Ratio Lower Upper

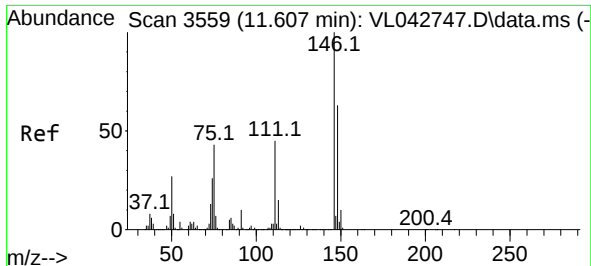
105 100

120 35.4 40.8 61.2#

91 29.0 53.0 79.4#

77 13.9 20.5 30.7#

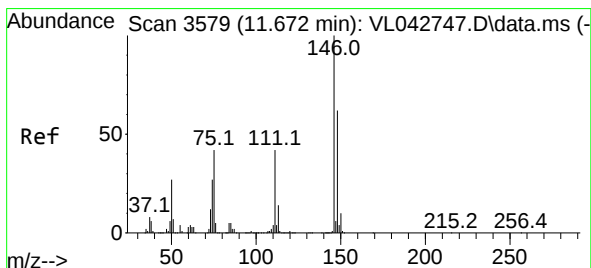
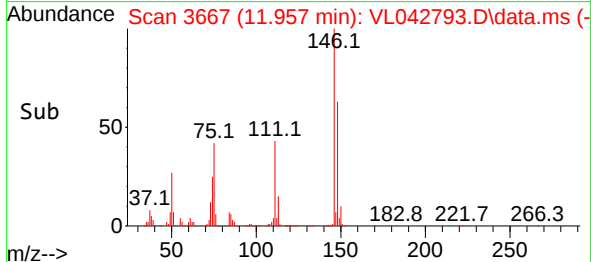
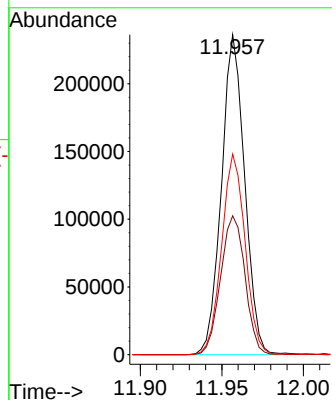
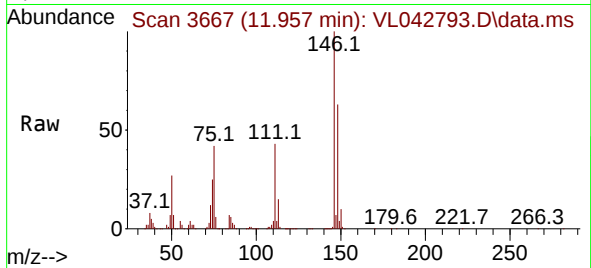




#75
1,3-Dichlorobenzene
Concen: 7.665 ppbv
RT: 11.957 min Scan# 3667
Delta R.T. 0.350 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

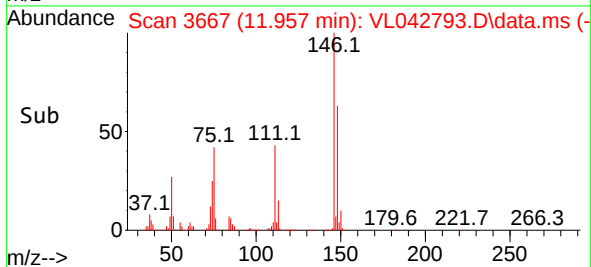
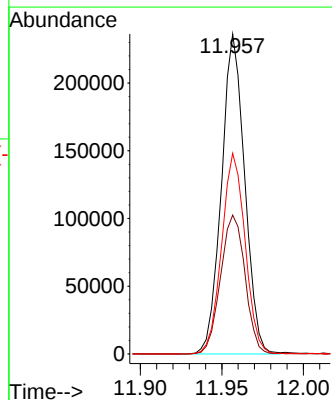
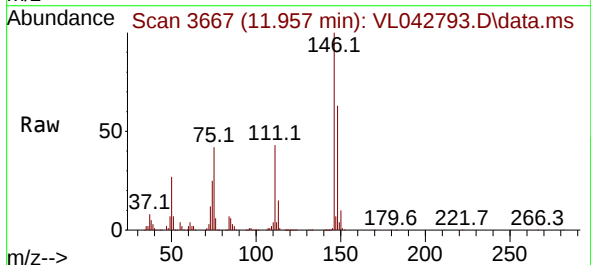
Instrument :
MSVOA_1
ClientSampleId :
AE073-1100DL2

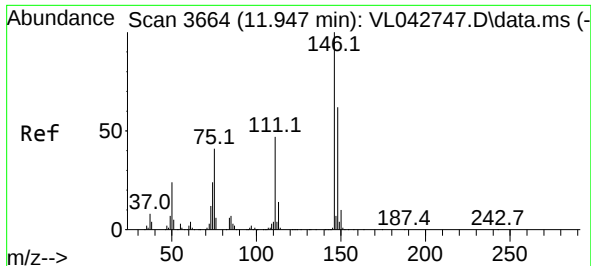
Tgt Ion:146 Resp: 233554
Ion Ratio Lower Upper
146 100
111 45.9 22.7 68.0
148 63.7 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 7.833 ppbv
RT: 11.957 min Scan# 3667
Delta R.T. 0.285 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion:146 Resp: 233554
Ion Ratio Lower Upper
146 100
111 45.9 21.4 64.2
148 63.7 32.1 96.3

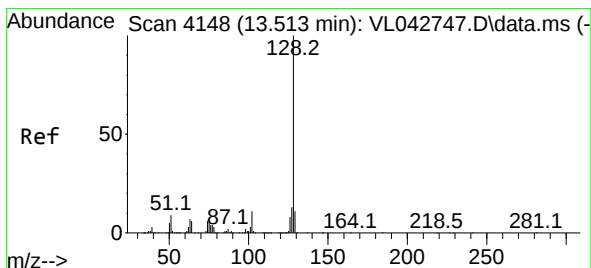
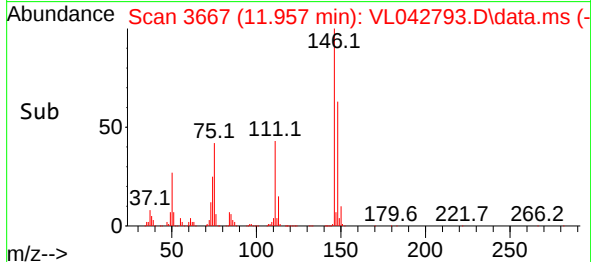
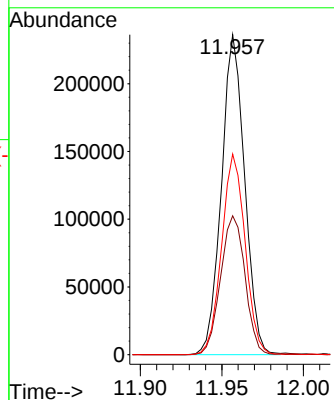
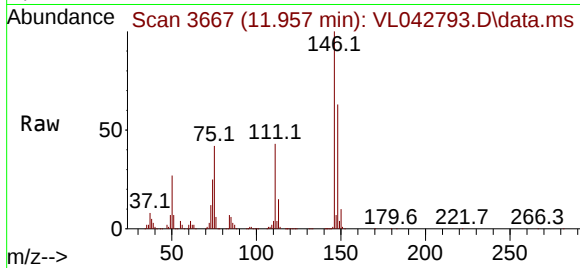




#77
1,2-Dichlorobenzene
Concen: 7.799 ppbv
RT: 11.957 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

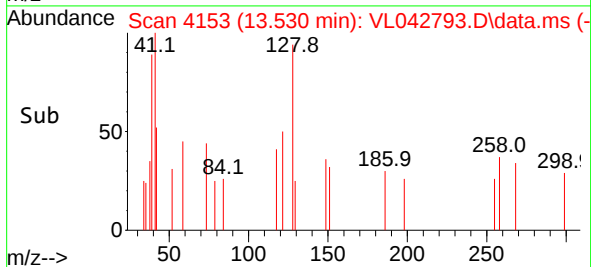
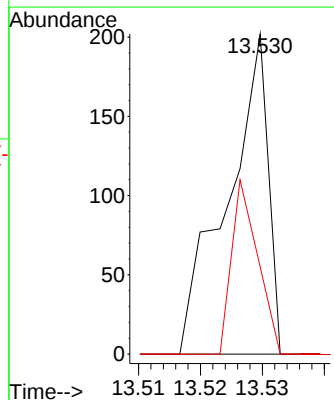
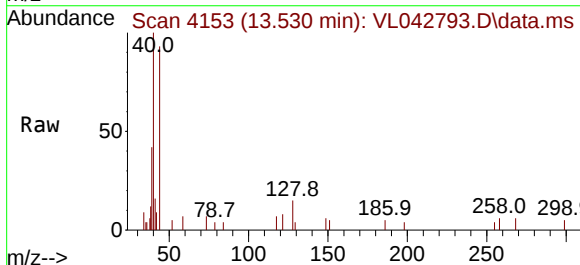
Instrument :
MSVOA_L
ClientSampleId :
AE073-1100DL2

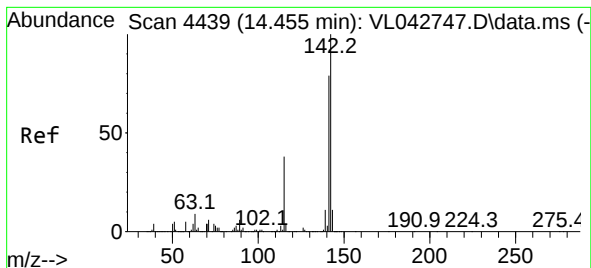
Tgt Ion:146 Resp: 233554
Ion Ratio Lower Upper
146 100
111 45.9 23.7 71.1
148 63.7 32.6 97.7



#79
Naphthalene
Concen: 0.437 ppbv
RT: 13.530 min Scan# 4153
Delta R.T. 0.016 min
Lab File: VL042793.D
Acq: 31 Jul 2025 13:15

Tgt Ion:128 Resp: 92
Ion Ratio Lower Upper
128 100
127 100.0 10.5 15.7#
129 27.2 8.6 13.0#





#80

Naphthalene, 2-methyl-

Concen: 1.130 ppbv

RT: 14.235 min Scan# 41

Delta R.T. -0.220 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

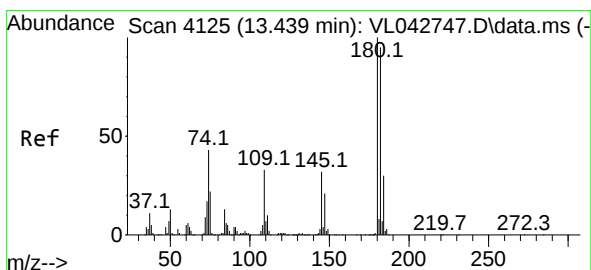
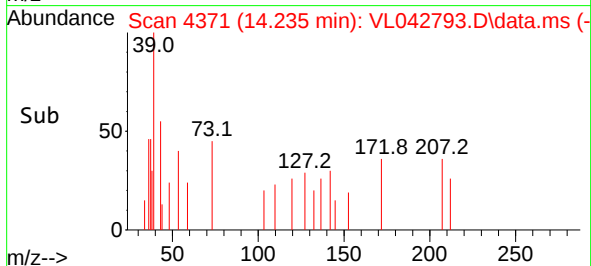
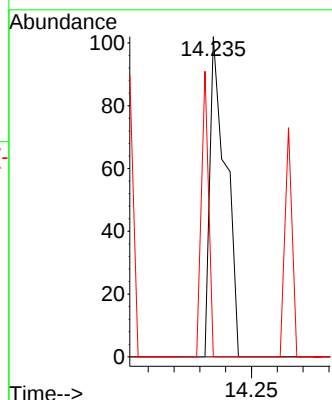
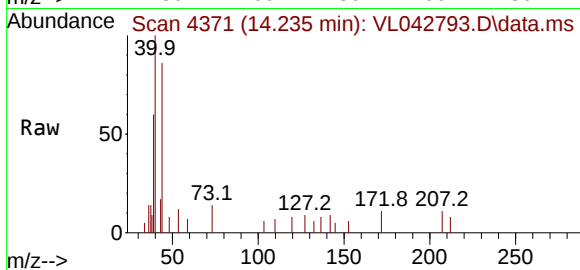
Instrument :

MSVOA_L

ClientSampleId :

AE073-1100DL2

Tgt Ion:	142	Resp:	43
Ion Ratio	Lower	Upper	
142	100		
141	0.0	65.8	98.8#
115	41.9	31.2	46.8



#81

1,2,4-Trichlorobenzene

Concen: 0.443 ppbv

RT: 13.458 min Scan# 4131

Delta R.T. 0.020 min

Lab File: VL042793.D

Acq: 31 Jul 2025 13:15

Tgt Ion:	180	Resp:	236
Ion Ratio	Lower	Upper	
180	100		
182	367.4	76.2	114.2#
184	98.7	24.8	37.2#

