

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042099.D
 Acq On : 05 Mar 2025 12:11
 Operator : SY/MD
 Sample : Q1483-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Mar 06 01:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	165058	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	375944	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	314364	10.000	ppbv	0.00

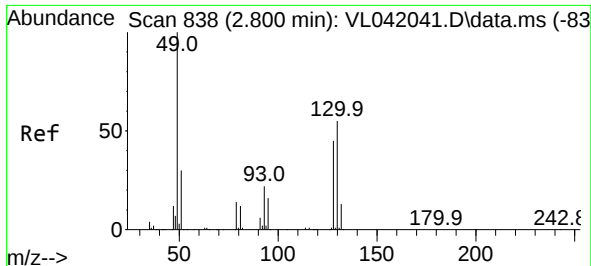
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	234544	9.698	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	11057	0.644	ppbv	95
3) Chlorodifluoromethane	1.482	51	164857	6.872	ppbv #	89
4) Chloromethane	1.537	50	4046	0.637	ppbv	93
7) Chloroethane	1.463	64	57564	23.597	ppbv #	40
9) Propene	1.567	41	105341	10.779	ppbv	97
11) Trichlorofluoromethane	1.887	101	14000	0.814	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	1103	0.080	ppbv #	70
13) Ethanol	1.728	45	307626	495.858	ppbv	93
15) Acetone	1.842	43	161003	11.046	ppbv	98
16) 1,3-Butadiene	1.605	39	1339	0.197	ppbv #	12
17) tert-Butyl alcohol	2.052	59	931	0.051	ppbv #	70
19) Isopropyl Alcohol	1.894	45	71712	8.565	ppbv #	74
20) Methylene Chloride	2.068	84	3691	0.669	ppbv #	83
21) Allyl Chloride	1.971	41	184927	17.559	ppbv #	51
22) trans-1,2-Dichloroethene	2.732	96	1349	0.187	ppbv	92
23) Vinyl Acetate	2.573	43	8257	0.806	ppbv #	84
25) Ethyl Acetate	2.855	43	17194	0.295	ppbv #	87
26) Hexane	2.842	57	2889	0.122	ppbv #	1
27) Carbon Disulfide	2.162	76	526	0.033	ppbv #	1
29) Chloroform	2.865	83	22818	0.719	ppbv	84
34) 2-Butanone	2.573	43	8257	0.282	ppbv	97
35) Carbon Tetrachloride	3.780	117	1807	0.070	ppbv	98
36) Benzene	3.680	78	4496	0.114	ppbv #	88
38) Trichloroethene	4.570	130	1265	0.079	ppbv #	23
39) 1,2-Dichloropropane	3.978	63	96847	6.483	ppbv #	23
43) Methyl Methacrylate	4.907	69	667	0.043	ppbv #	1
52) Tetrachloroethene	8.250	164	105718	7.847	ppbv	98
53) Toluene	6.962	91	4399	0.100	ppbv #	47
58) Ethyl Benzene	9.373	91	2034	0.035	ppbv	96
59) m/p-Xylene	9.551	91	2188	0.047	ppbv #	100
60) o-Xylene	9.982	91	2537	0.055	ppbv	91
61) Styrene	9.891	104	889	0.041	ppbv #	51
69) p-Isopropyltoluene	11.940	119	3891	0.054	ppbv #	88
74) 1,2,4-Trimethylbenzene	11.552	105	4203	0.076	ppbv #	67
75) 1,3-Dichlorobenzene	11.691	146	9365	0.295	ppbv	91
76) 1,4-Dichlorobenzene	11.691	146	9365	0.297	ppbv	91
77) 1,2-Dichlorobenzene	11.691	146	9365	0.304	ppbv	93

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

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

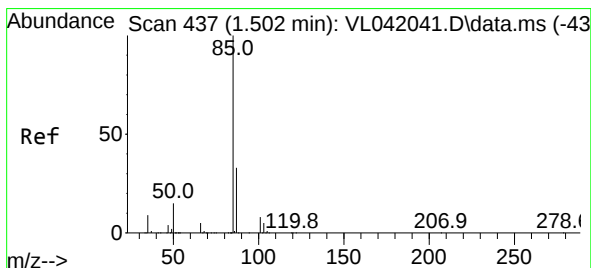
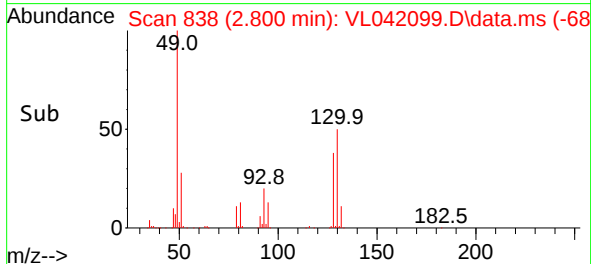
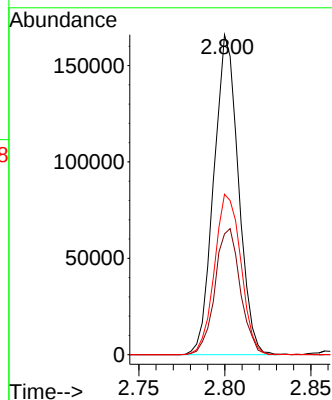
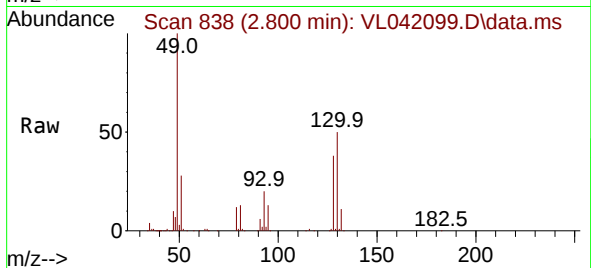
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

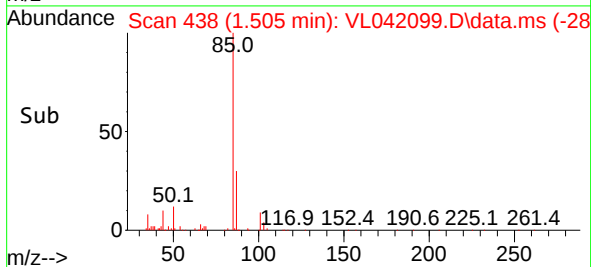
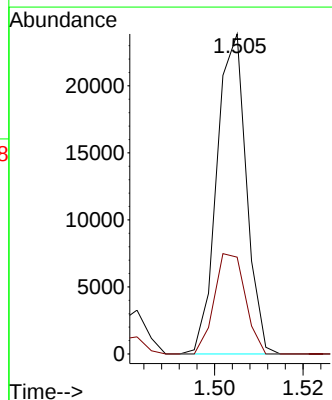
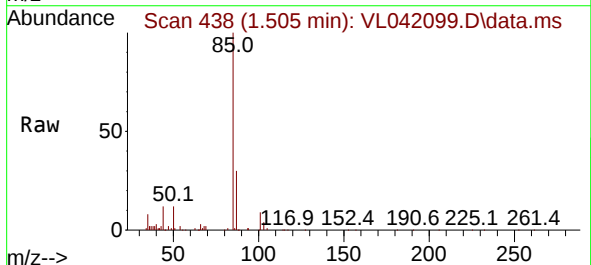
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MSVOA_L
ClientSampleId :
IA1DUP

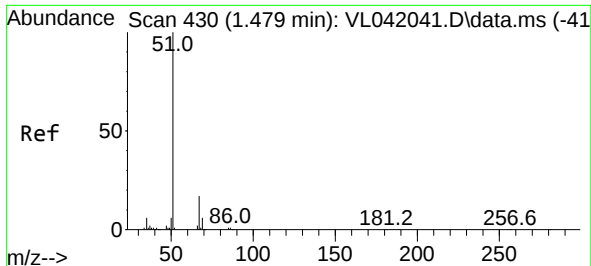
Tgt Ion: 49 Resp: 165058
Ion Ratio Lower Upper
49 100
128 40.6 21.6 64.8
130 53.8 27.8 83.4



#2
Dichlorodifluoromethane
Concen: 0.644 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 85 Resp: 11057
Ion Ratio Lower Upper
85 100
87 30.3 26.4 39.6

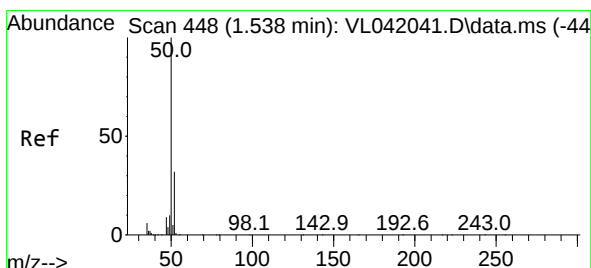
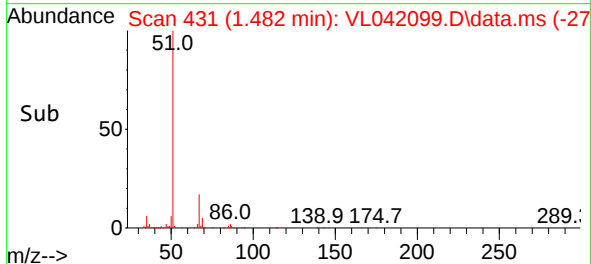
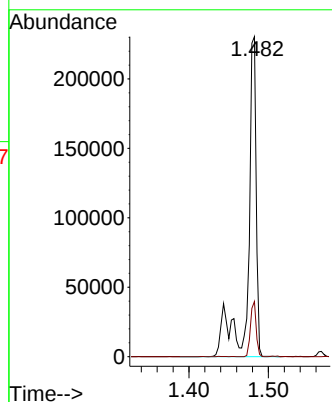
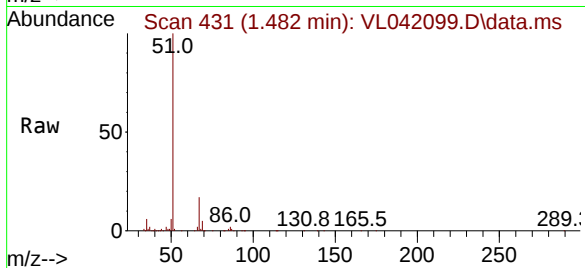




#3
Chlorodifluoromethane
Concen: 6.872 ppbv
RT: 1.482 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

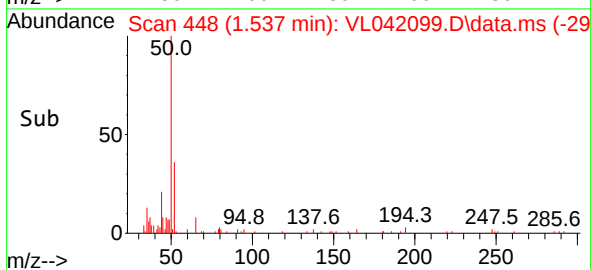
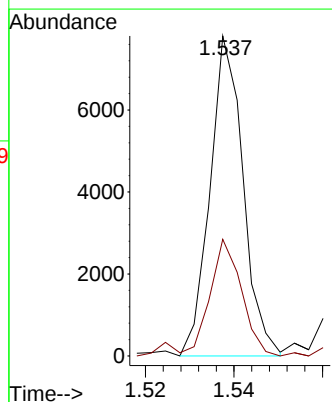
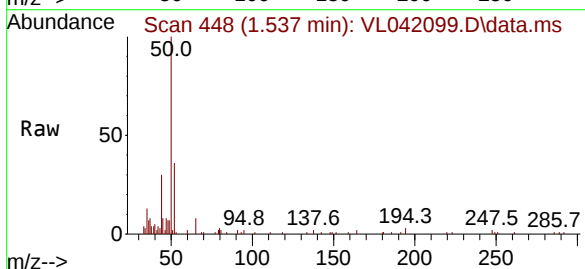
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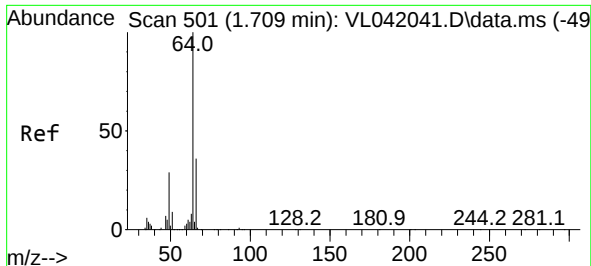
Tgt Ion: 51 Resp: 164857
Ion Ratio Lower Upper
51 100
67 12.1 13.7 20.5#



#4
Chloromethane
Concen: 0.637 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 50 Resp: 4046
Ion Ratio Lower Upper
50 100
52 35.4 25.4 38.0

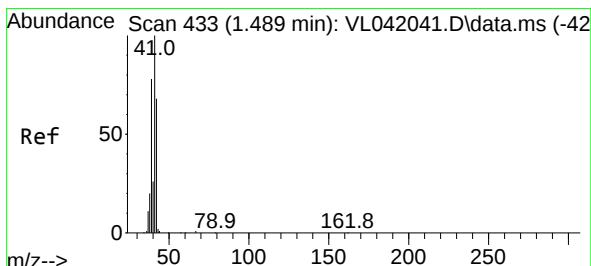
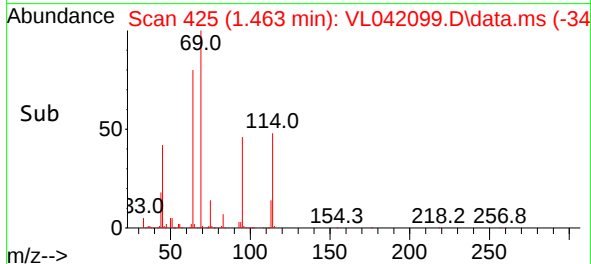
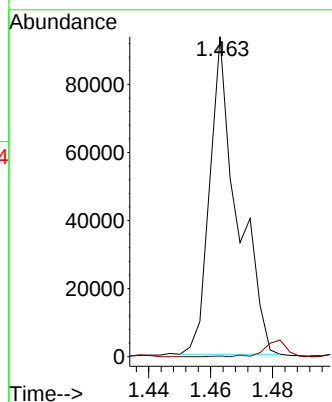
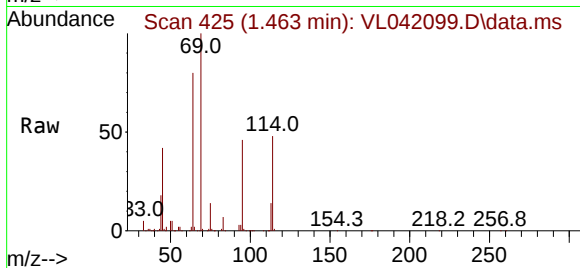




#7
Chloroethane
Concen: 23.597 ppbv
RT: 1.463 min Scan# 41
Delta R.T. -0.246 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

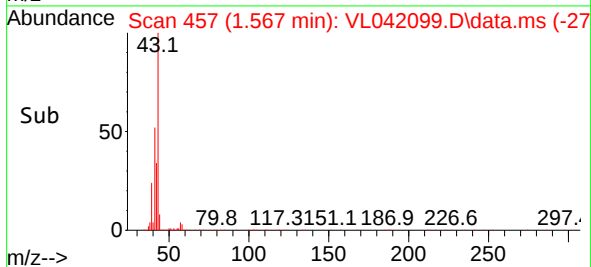
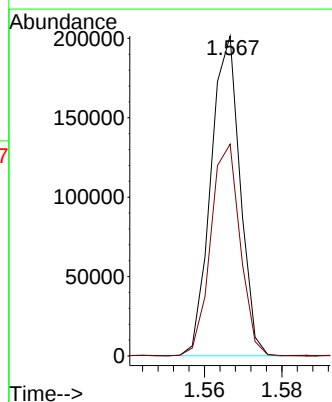
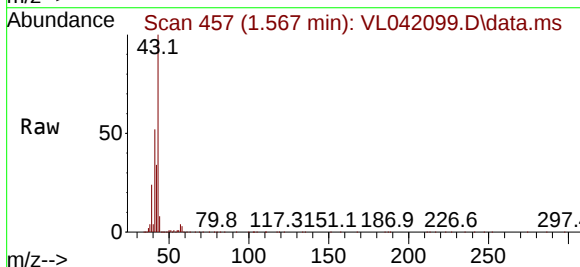
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

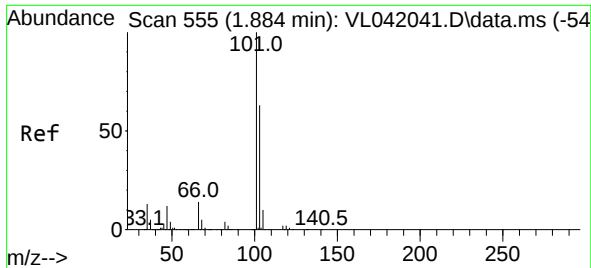
Tgt Ion: 64 Resp: 57564
Ion Ratio Lower Upper
64 100
66 0.2 28.4 42.6#



#9
Propene
Concen: 10.779 ppbv
RT: 1.567 min Scan# 457
Delta R.T. 0.077 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 41 Resp: 105341
Ion Ratio Lower Upper
41 100
42 67.3 55.8 83.6

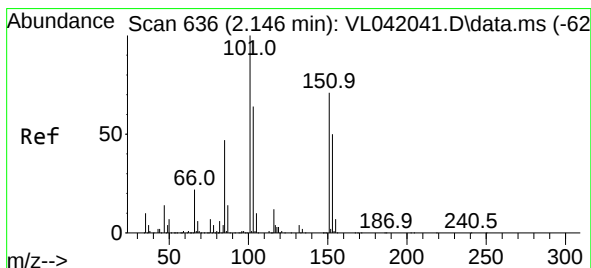
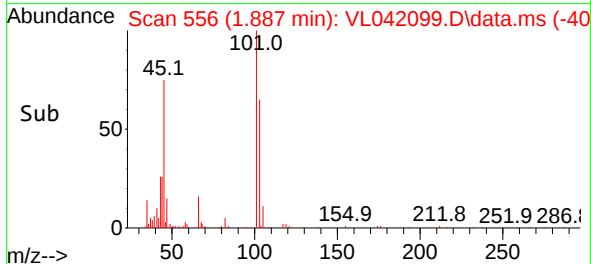
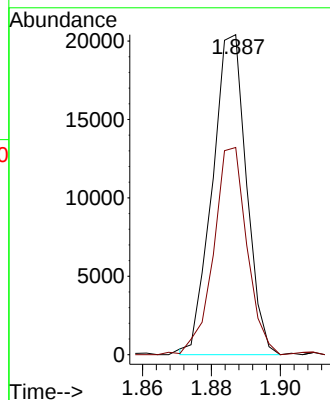
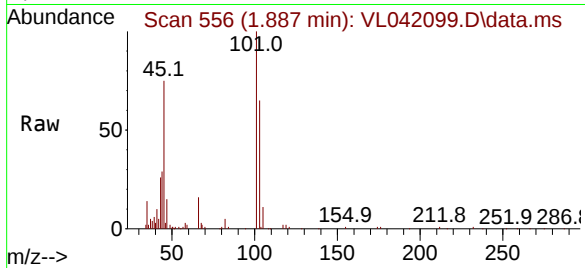




#11
 Trichlorofluoromethane
 Concen: 0.814 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

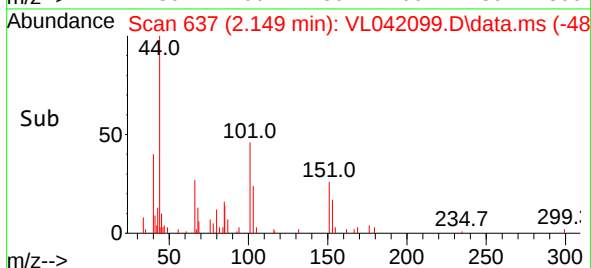
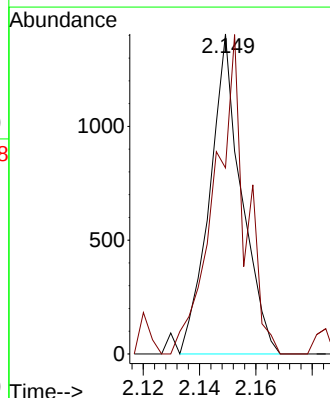
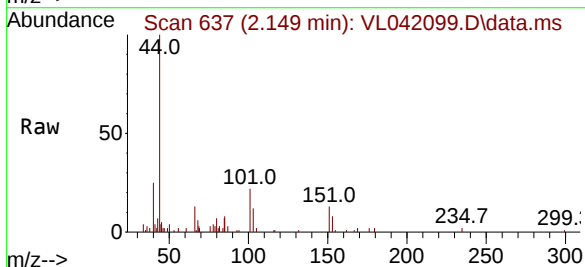
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

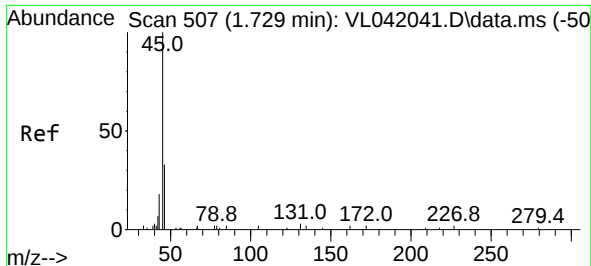
Tgt Ion:101 Resp: 14000
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.080 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.003 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Tgt Ion:101 Resp: 1103
 Ion Ratio Lower Upper
 101 100
 151 104.4 62.6 94.0#

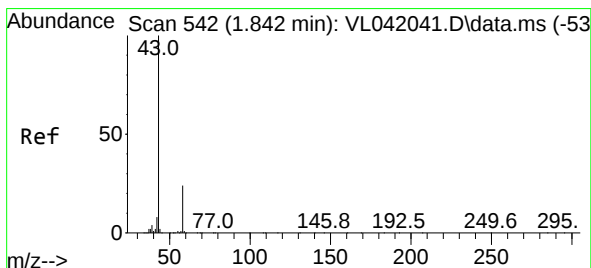
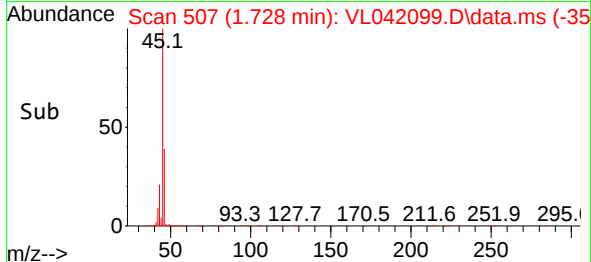
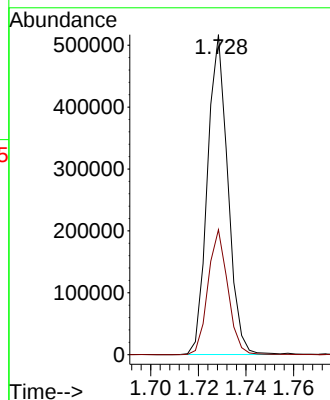
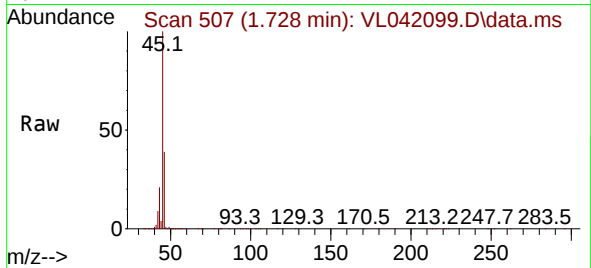




#13
 Ethanol
 Concen: 495.858 ppbv
 RT: 1.728 min Scan# 507
 Delta R.T. -0.000 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

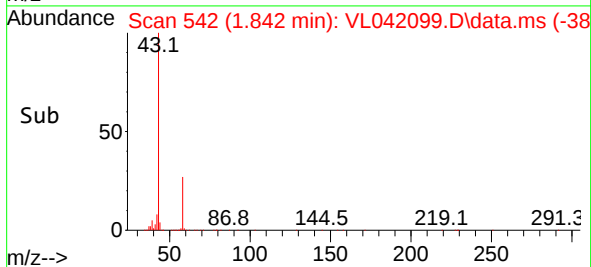
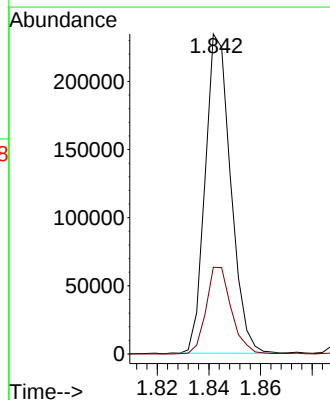
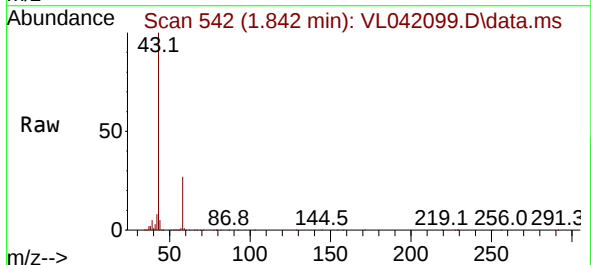
Instrument :
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 ClientSampleId :
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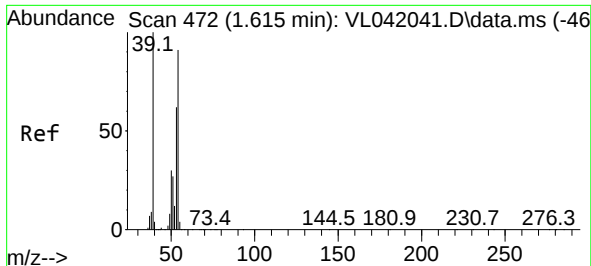
Tgt Ion: 45 Resp: 307626
 Ion Ratio Lower Upper
 45 100
 46 38.1 17.1 68.3



#15
 Acetone
 Concen: 11.046 ppbv
 RT: 1.842 min Scan# 542
 Delta R.T. -0.000 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Tgt Ion: 43 Resp: 161003
 Ion Ratio Lower Upper
 43 100
 58 27.0 20.7 31.1

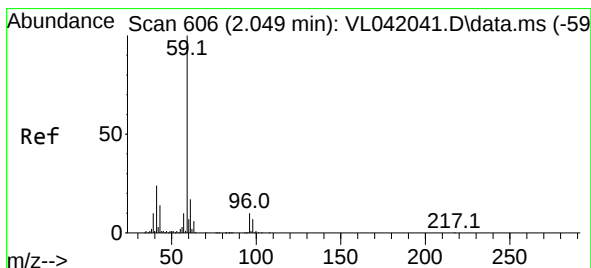
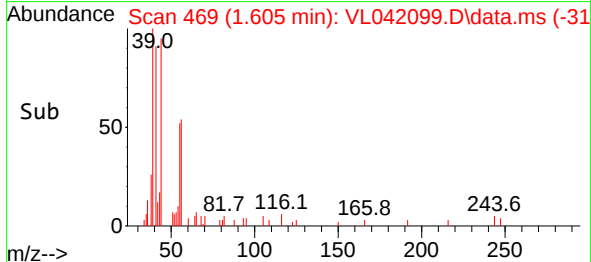
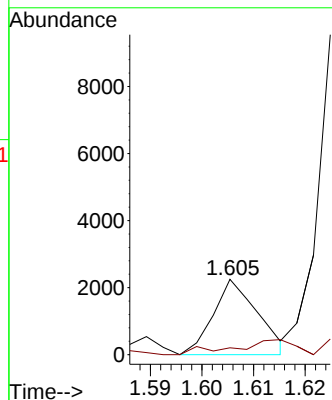
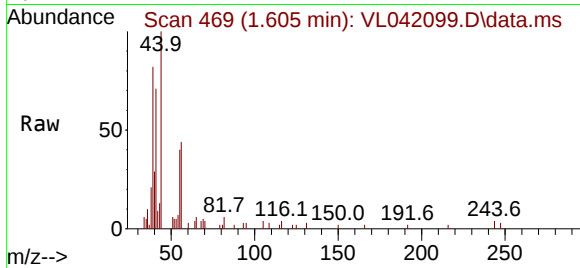




#16
1,3-Butadiene
Concen: 0.197 ppbv
RT: 1.605 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

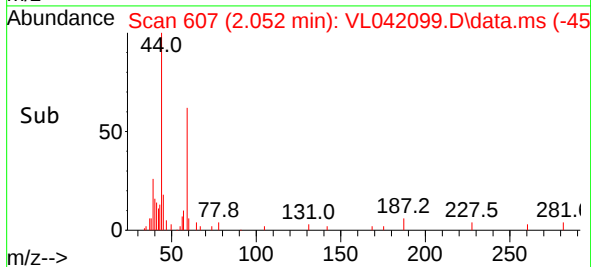
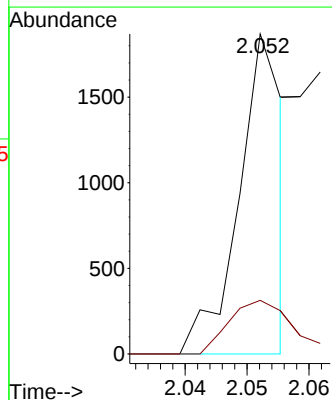
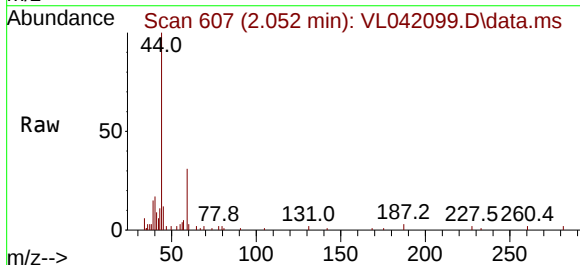
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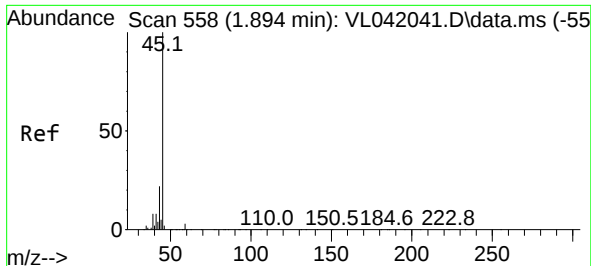
Tgt Ion: 39 Resp: 1339
Ion Ratio Lower Upper
39 100
54 0.0 59.6 89.4#



#17
tert-Butyl alcohol
Concen: 0.051 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 59 Resp: 931
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

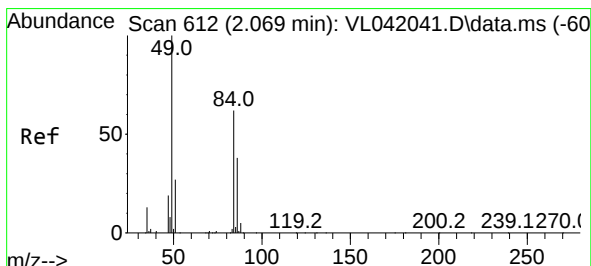
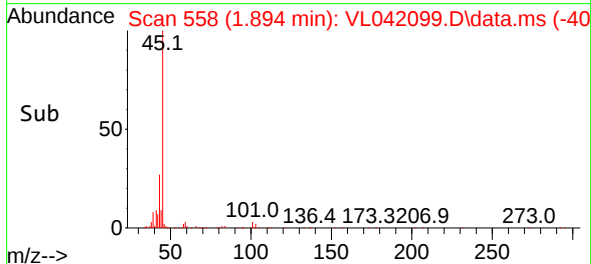
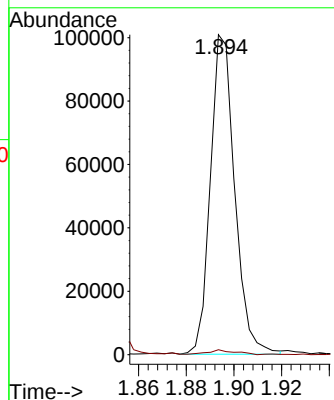
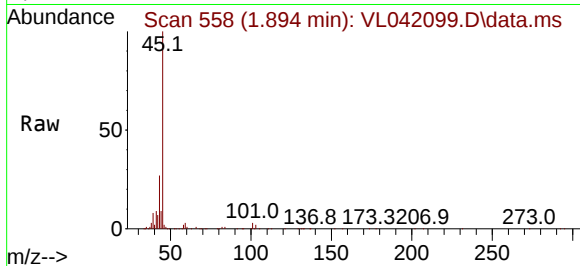




#19
Isopropyl Alcohol
Concen: 8.565 ppbv
RT: 1.894 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

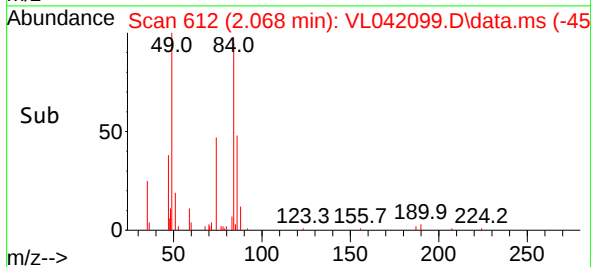
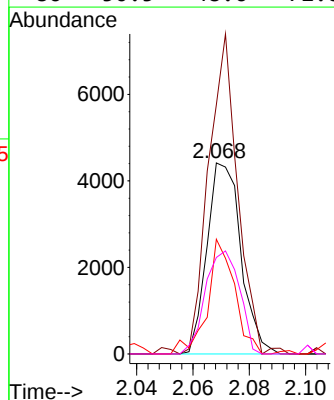
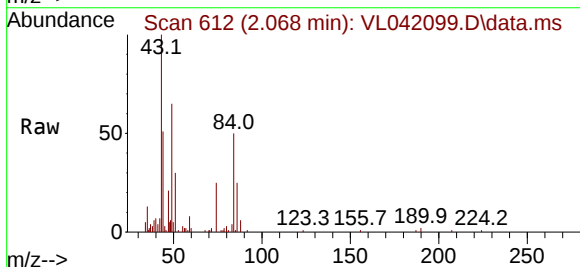
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

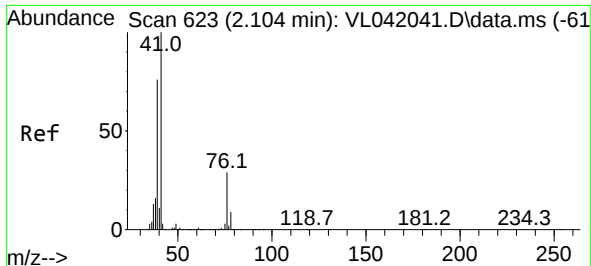
Tgt Ion: 45 Resp: 71712
Ion Ratio Lower Upper
45 100
58 60.8 35.3 52.9#



#20
Methylene Chloride
Concen: 0.669 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 84 Resp: 3691
Ion Ratio Lower Upper
84 100
49 137.9 130.0 195.0
51 58.8 37.4 56.0#
86 50.5 48.6 72.8

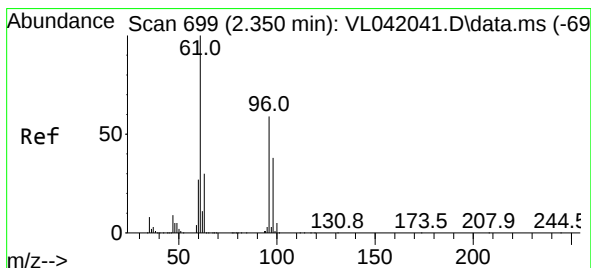
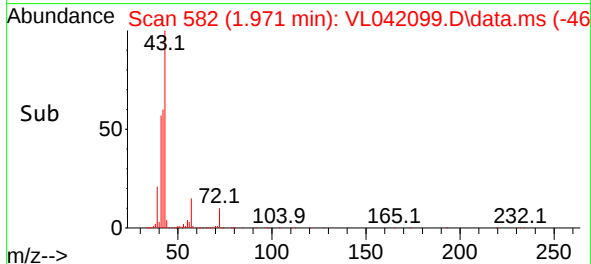
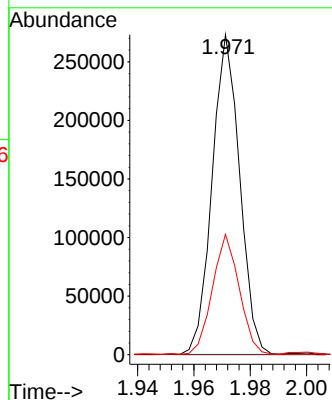
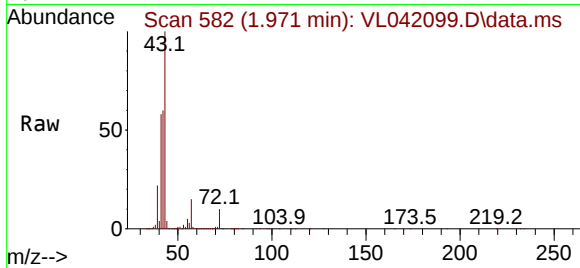




#21
 Allyl Chloride
 Concen: 17.559 ppbv
 RT: 1.971 min Scan# 51
 Delta R.T. -0.133 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

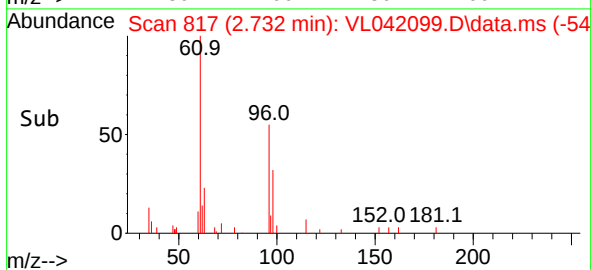
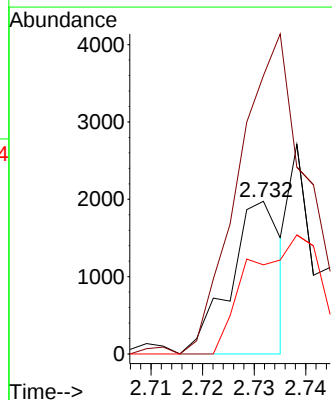
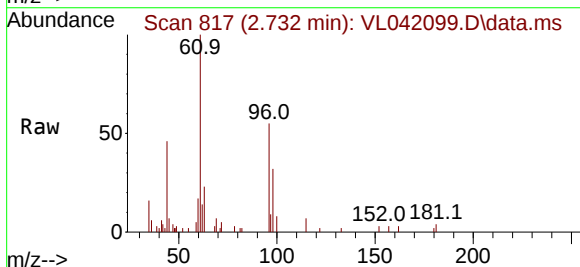
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

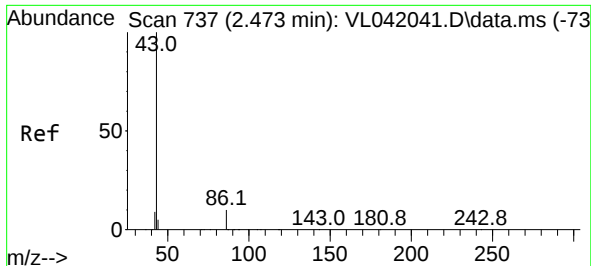
Tgt Ion: 41 Resp: 184927
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.8 35.6#
 39 38.0 63.8 95.6#



#22
 trans-1,2-Dichloroethene
 Concen: 0.187 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. 0.382 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Tgt Ion: 96 Resp: 1349
 Ion Ratio Lower Upper
 96 100
 61 182.4 136.6 205.0
 98 58.4 51.8 77.6

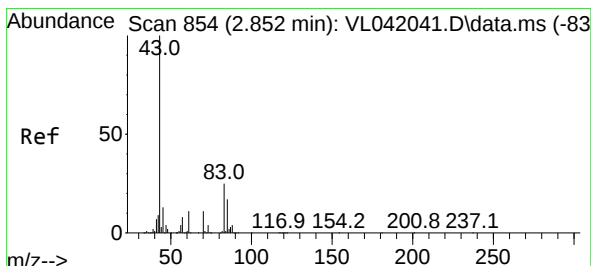
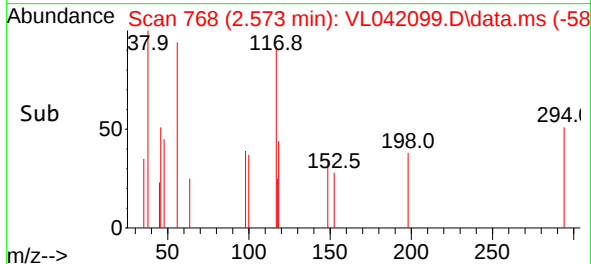
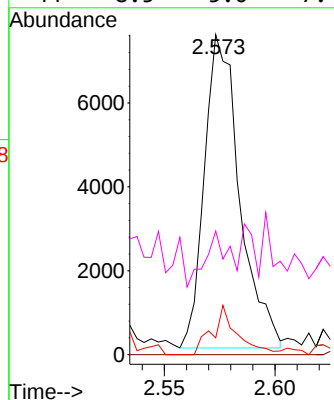
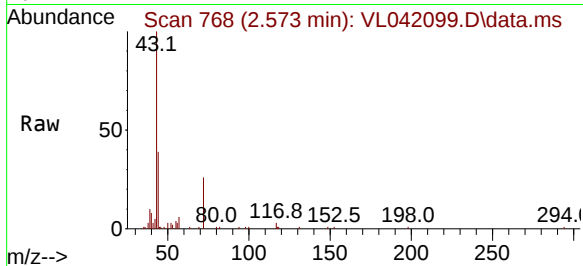




#23
 Vinyl Acetate
 Concen: 0.806 ppbv
 RT: 2.573 min Scan# 737
 Delta R.T. 0.100 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

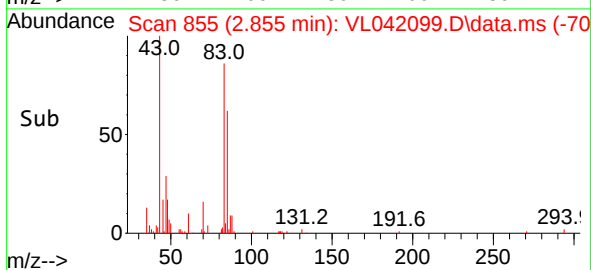
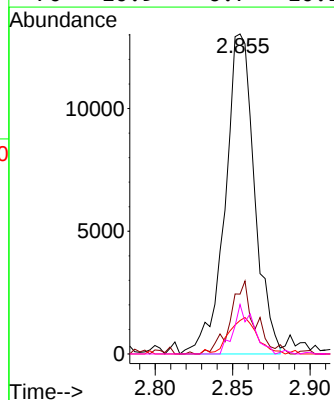
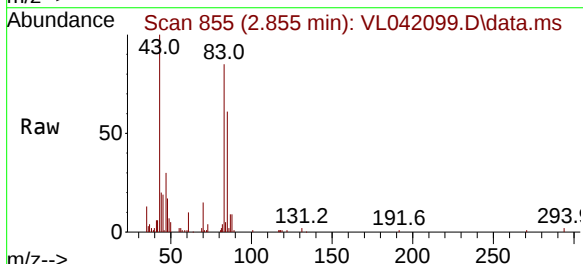
Instrument :
 MSVOA_1
 ClientSampleId :
 IA1DUP

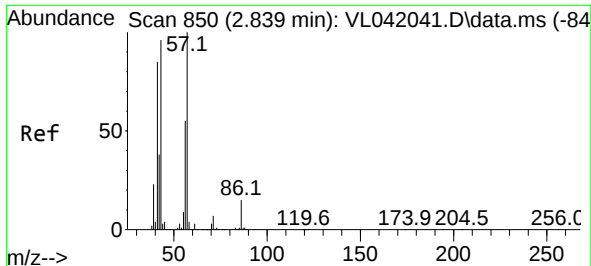
Tgt Ion:	43	Resp:	8257
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#
42	4.2	7.6	11.4#
44	8.5	5.0	7.4#



#25
 Ethyl Acetate
 Concen: 0.295 ppbv
 RT: 2.855 min Scan# 855
 Delta R.T. 0.003 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Tgt Ion:	43	Resp:	17194
Ion	Ratio	Lower	Upper
43	100		
45	19.4	8.1	12.1#
61	11.2	7.2	10.8#
70	10.9	6.7	10.1#



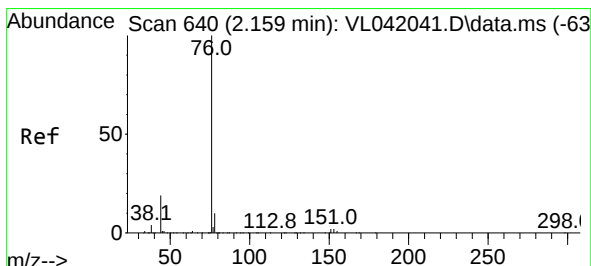
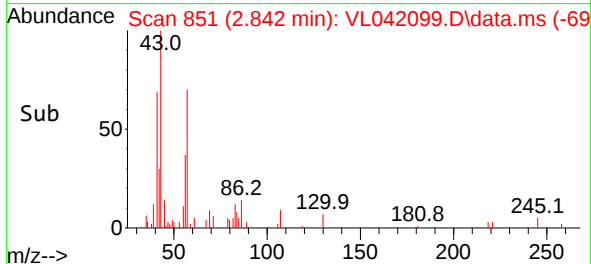
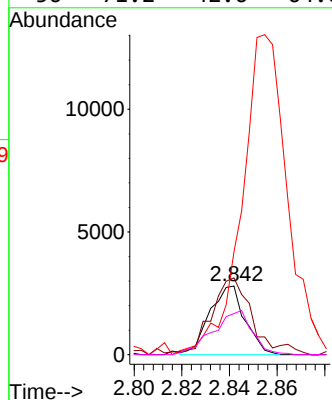
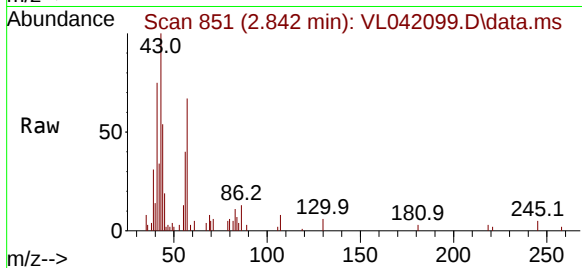


#26
Hexane
Concen: 0.122 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 57 Resp: 2889

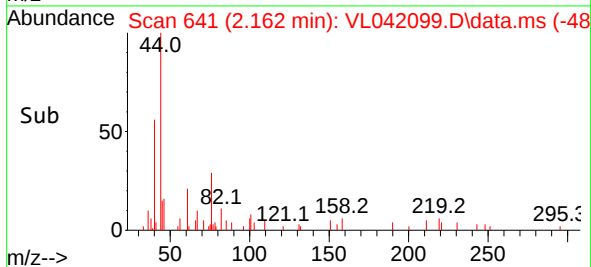
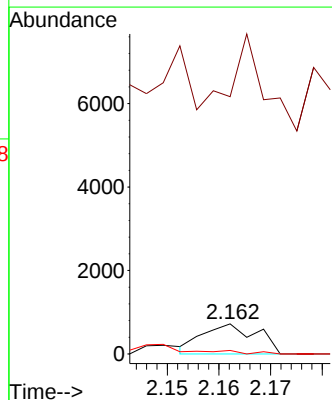
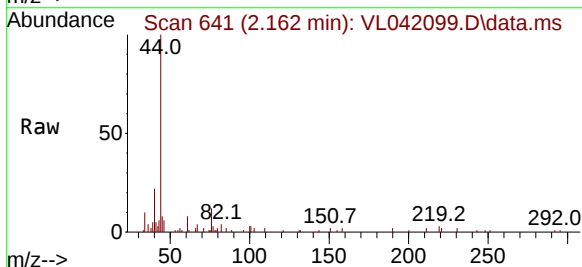
Ion	Ratio	Lower	Upper
57	100		
41	136.3	70.6	106.0#
43	627.5	199.4	299.0#
56	71.2	42.6	64.0#

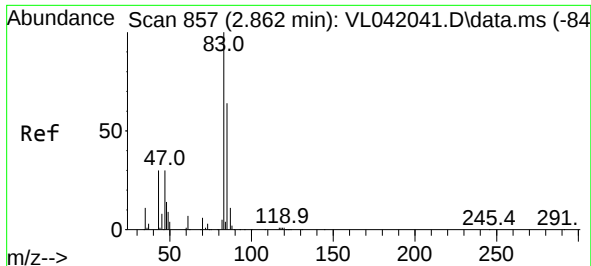


#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 76 Resp: 526

Ion	Ratio	Lower	Upper
76	100		
44	1260.6	16.2	24.2#
78	0.0	9.4	14.0#





#29

Chloroform

Concen: 0.719 ppbv

RT: 2.865 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Instrument :

MSVOA_L

ClientSampleId :

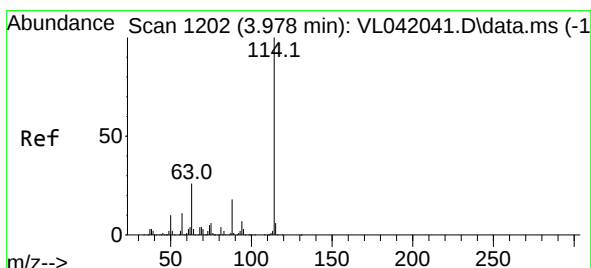
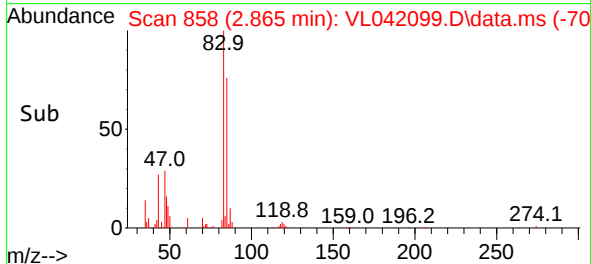
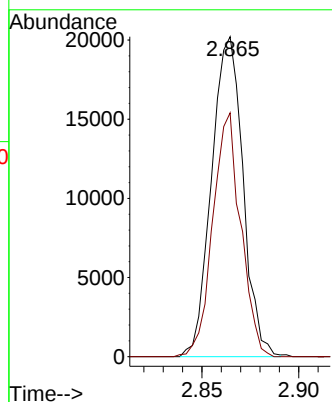
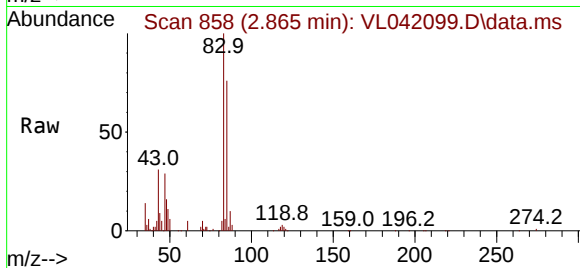
IA1DUP

Tgt Ion: 83 Resp: 22818

Ion Ratio Lower Upper

83 100

85 76.2 51.2 76.8



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.981 min Scan# 1203

Delta R.T. 0.003 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

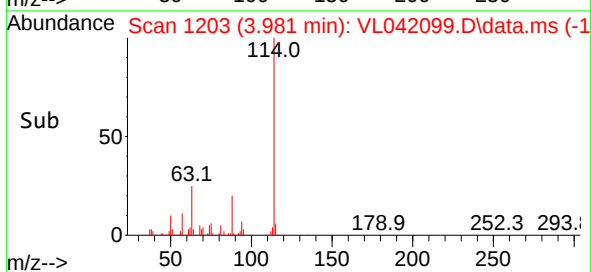
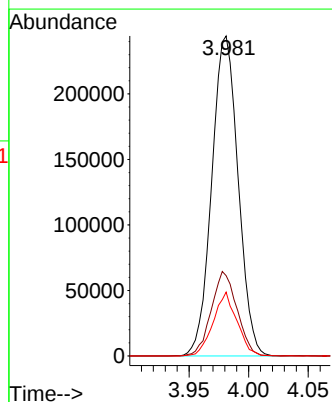
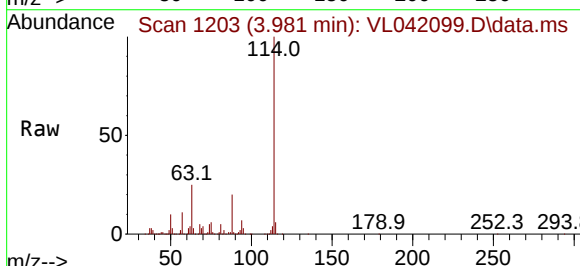
Tgt Ion: 114 Resp: 375944

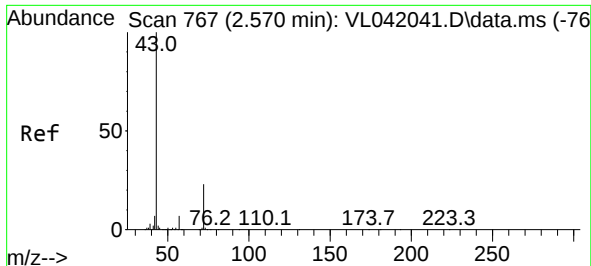
Ion Ratio Lower Upper

114 100

63 25.8 20.1 30.1

88 18.0 14.3 21.5

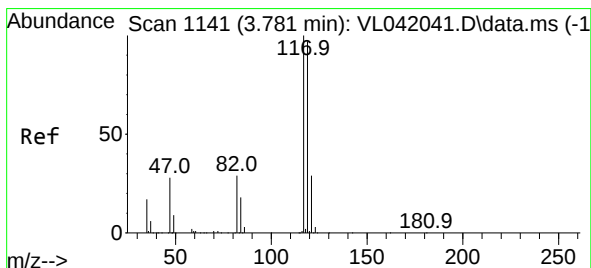
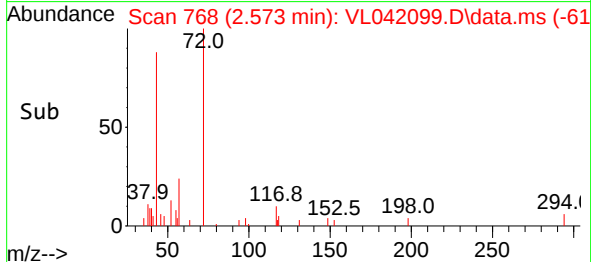
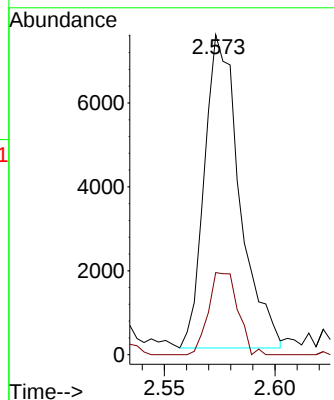
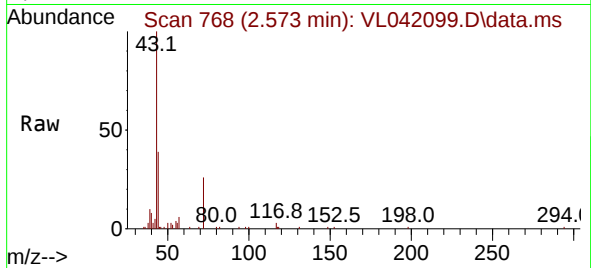




#34
2-Butanone
Concen: 0.282 ppbv
RT: 2.573 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

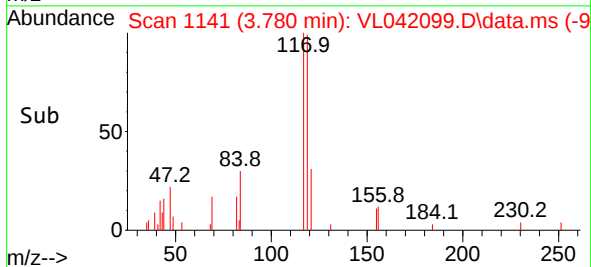
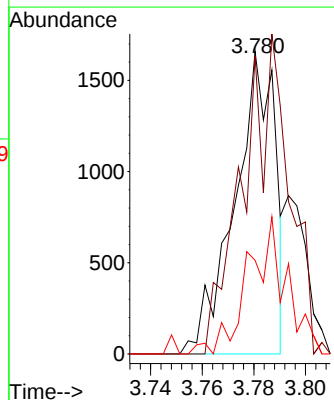
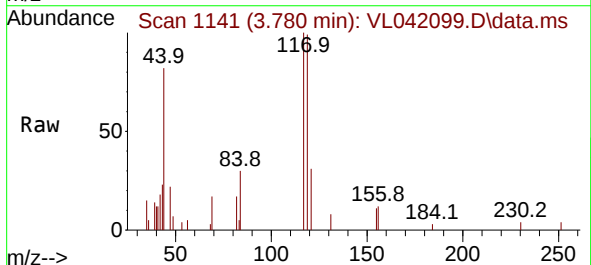
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

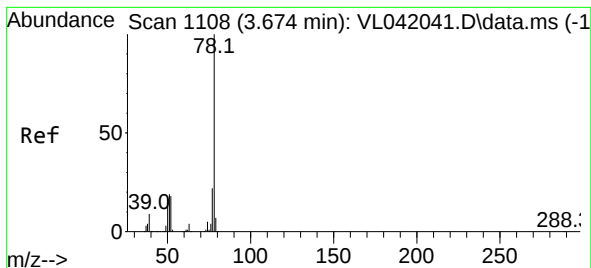
Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
72 21.9 18.5 27.7



#35
Carbon Tetrachloride
Concen: 0.070 ppbv
RT: 3.780 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 117 Resp: 1807
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.8
121 30.9 23.4 35.0





#36

Benzene

Concen: 0.114 ppbv

RT: 3.680 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

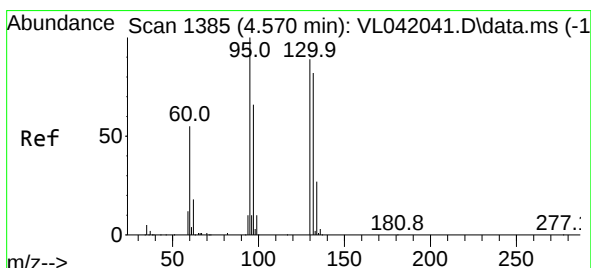
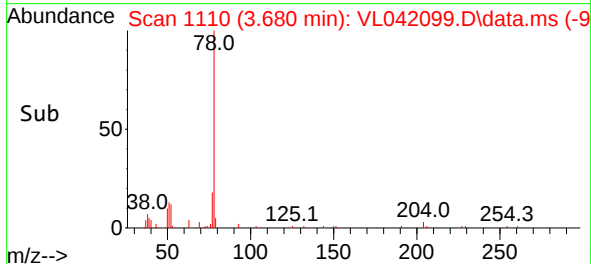
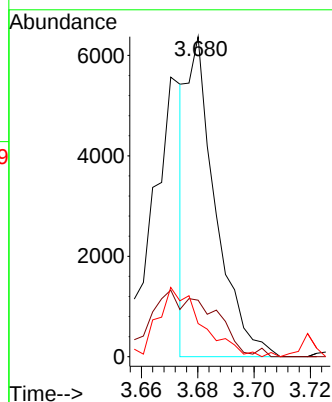
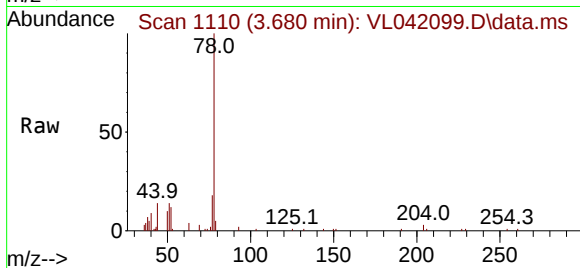
Tgt Ion: 78 Resp: 4496

Ion Ratio Lower Upper

78 100

77 17.6 17.7 26.5#

50 10.4 13.9 20.9#



#38

Trichloroethene

Concen: 0.079 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Tgt Ion:130 Resp: 1265

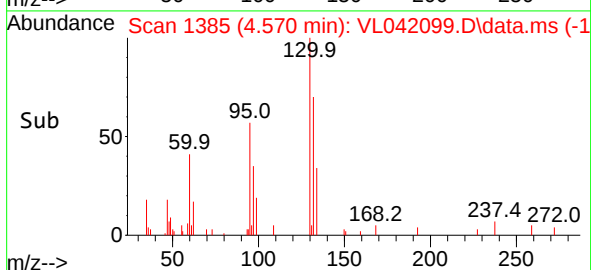
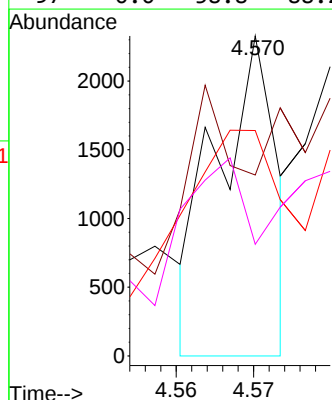
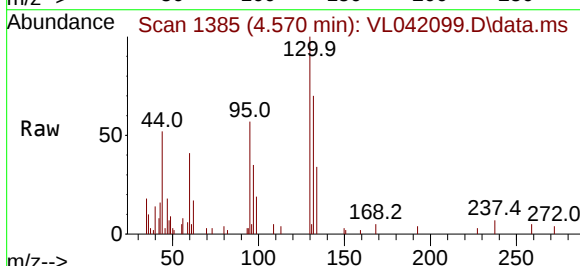
Ion Ratio Lower Upper

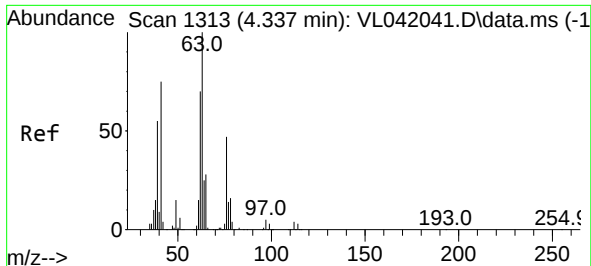
130 100

95 16.2 89.5 134.3#

132 39.8 73.8 110.6#

97 0.0 58.8 88.2#





#39

1,2-Dichloropropane

Concen: 6.483 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.360 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

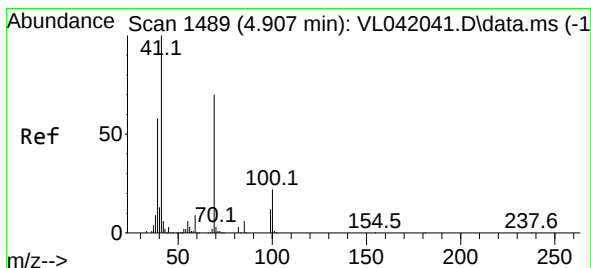
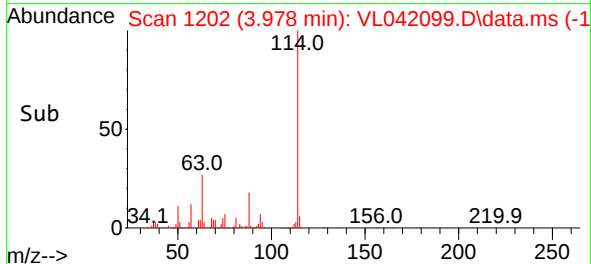
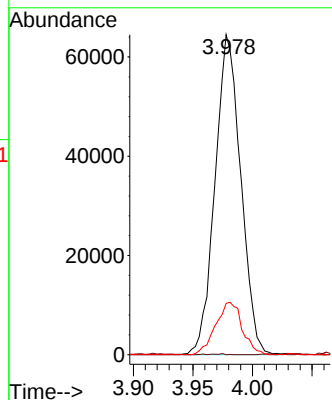
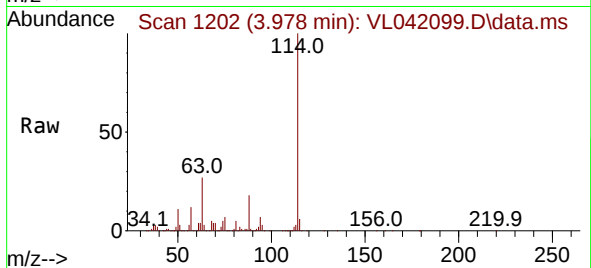
Tgt Ion: 63 Resp: 96847

Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 16.0 55.8 83.8#



#43

Methyl Methacrylate

Concen: 0.043 ppbv

RT: 4.907 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

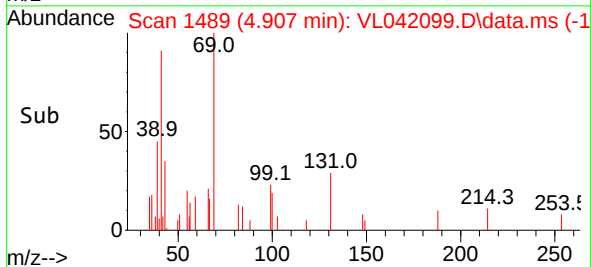
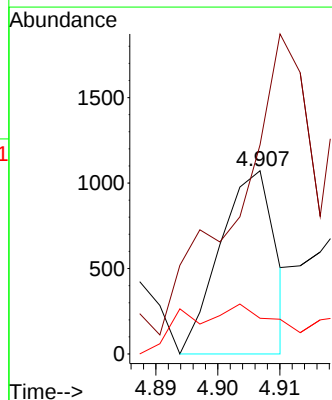
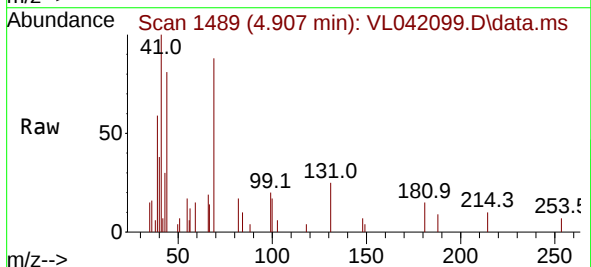
Tgt Ion: 69 Resp: 667

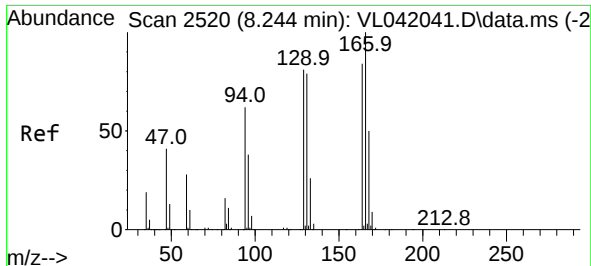
Ion Ratio Lower Upper

69 100

41 469.9 118.2 177.4#

100 0.0 27.0 40.4#

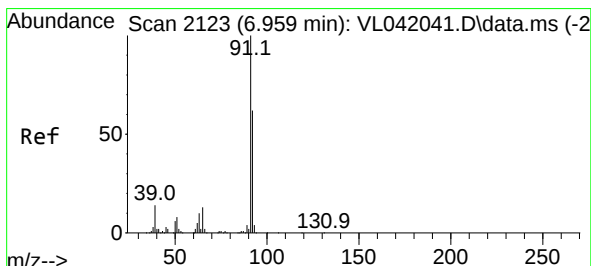
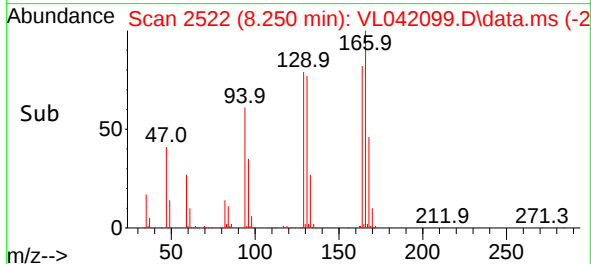
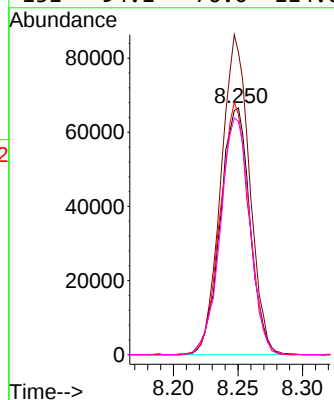
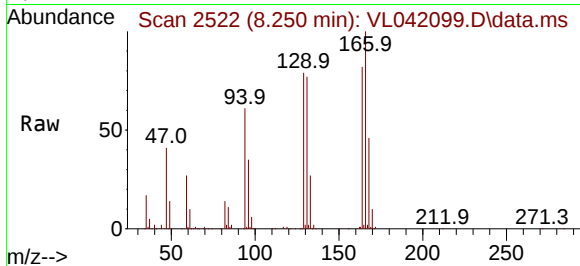




#52
Tetrachloroethene
Concen: 7.847 ppbv
RT: 8.250 min Scan# 2124
Delta R.T. 0.006 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

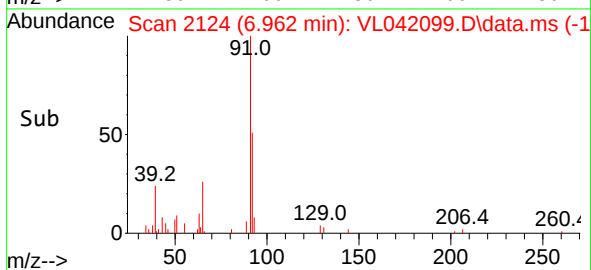
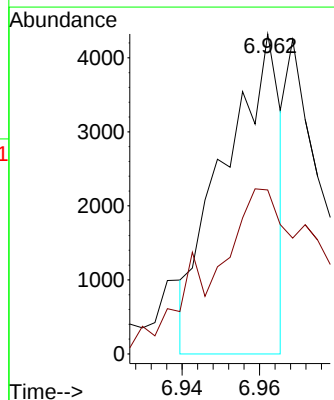
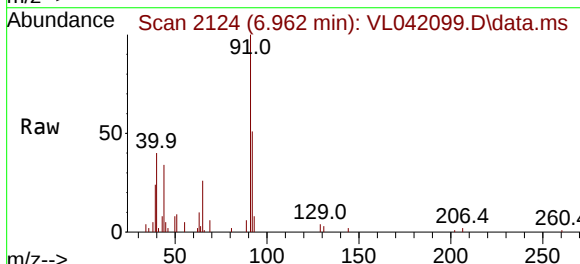
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

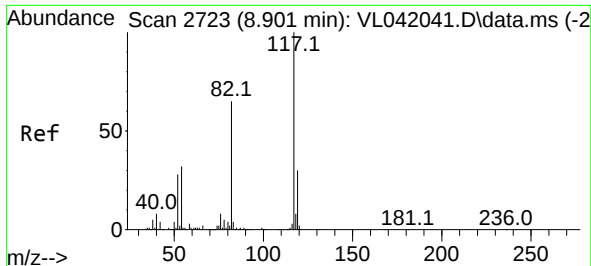
Tgt Ion:164 Resp: 105718
Ion Ratio Lower Upper
164 100
166 122.6 95.7 143.5
129 97.3 77.1 115.7
131 94.1 76.0 114.0



#53
Toluene
Concen: 0.100 ppbv
RT: 6.962 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 91 Resp: 4399
Ion Ratio Lower Upper
91 100
92 101.6 49.0 73.6#

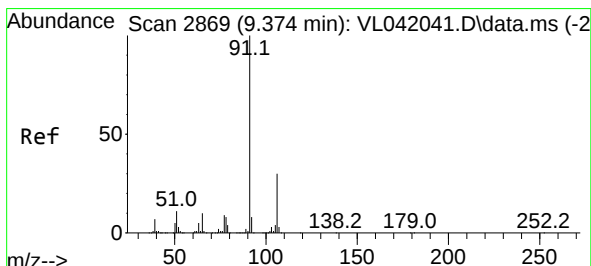
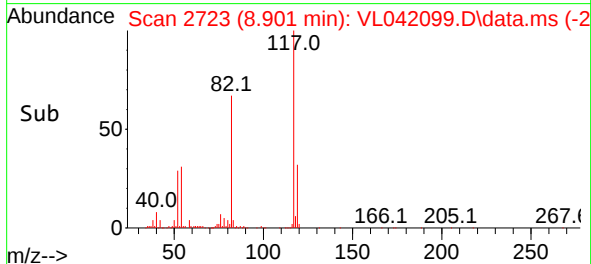
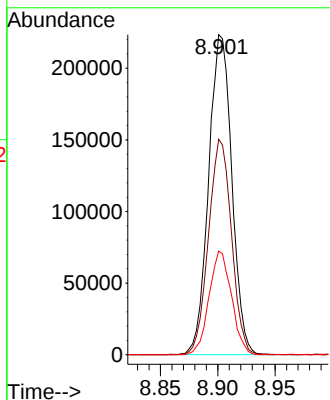
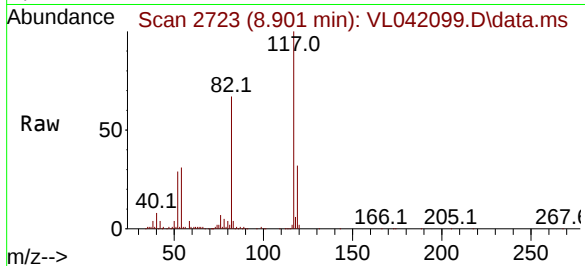




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

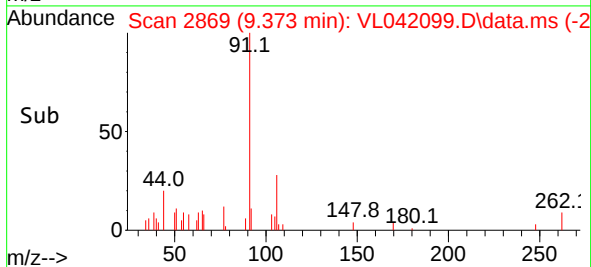
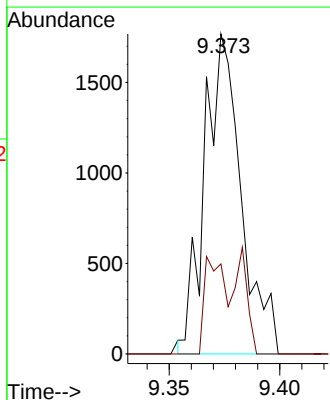
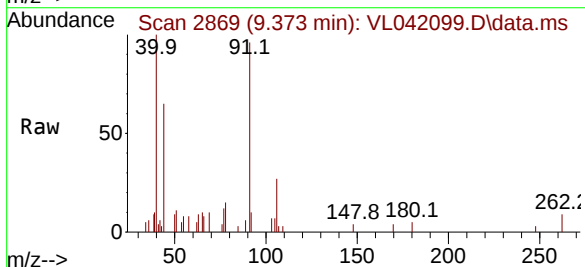
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

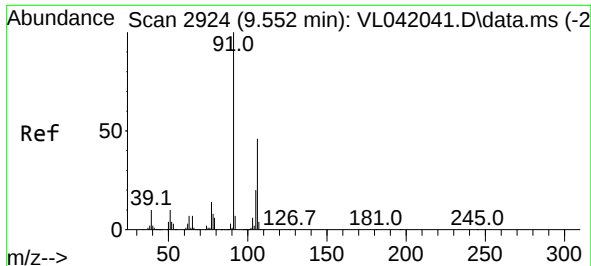
Tgt Ion:117 Resp: 314364
Ion Ratio Lower Upper
117 100
82 66.8 55.0 82.6
119 31.3 25.9 38.9



#58
Ethyl Benzene
Concen: 0.035 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 91 Resp: 2034
Ion Ratio Lower Upper
91 100
106 28.2 24.2 36.2





#59

m/p-Xylene

Concen: 0.047 ppbv

RT: 9.551 min Scan# 2924

Delta R.T. -0.000 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Instrument :

MSVOA_L

ClientSampleId :

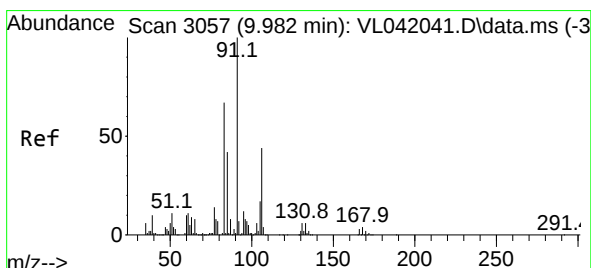
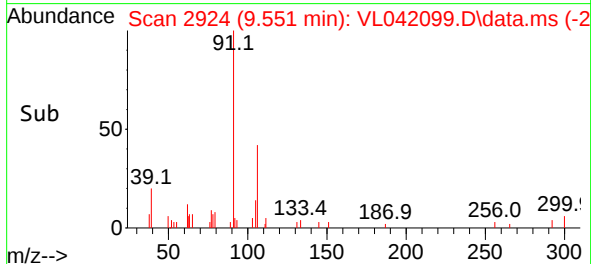
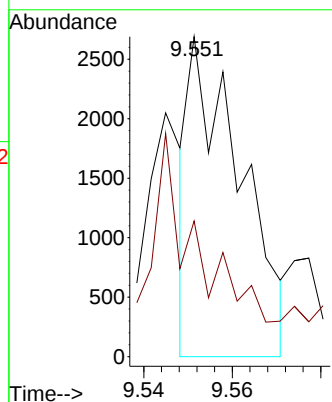
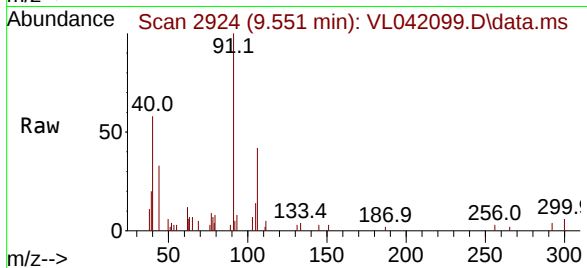
IA1DUP

Tgt Ion: 91 Resp: 2188

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.055 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. -0.000 min

Lab File: VL042099.D

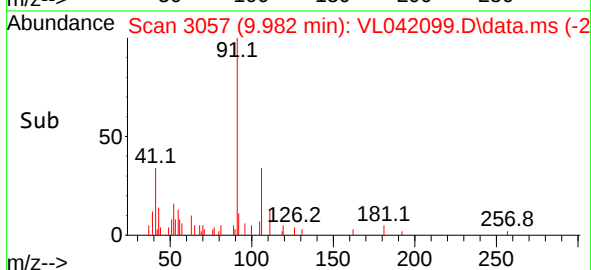
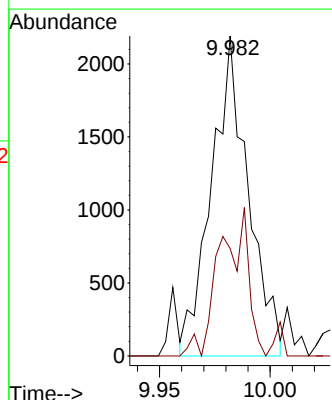
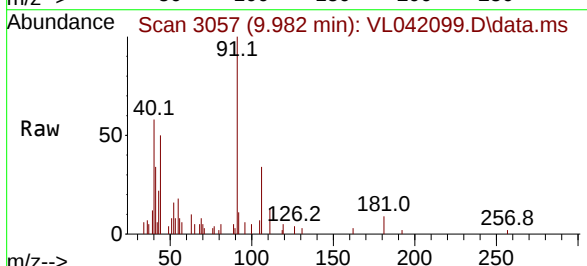
Acq: 05 Mar 2025 12:11

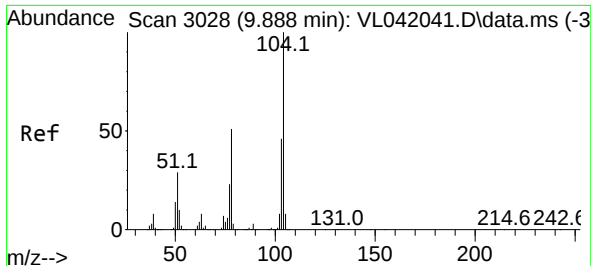
Tgt Ion: 91 Resp: 2537

Ion Ratio Lower Upper

91 100

106 38.4 22.3 66.8

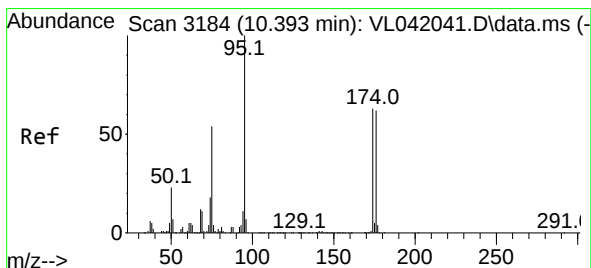
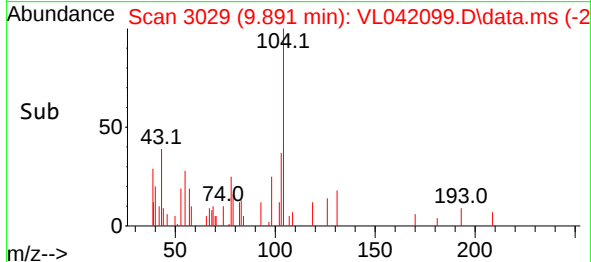
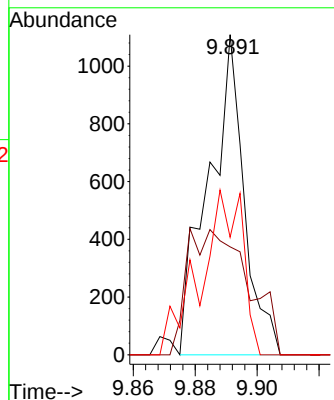
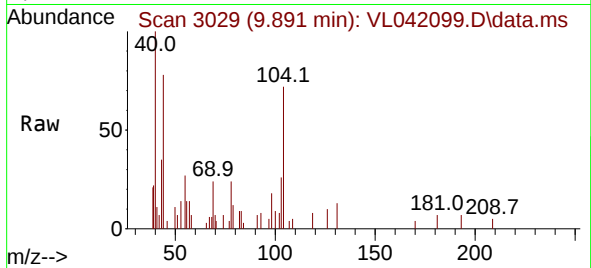




#61
Styrene
Concen: 0.041 ppbv
RT: 9.891 min Scan# 3028
Delta R.T. 0.003 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

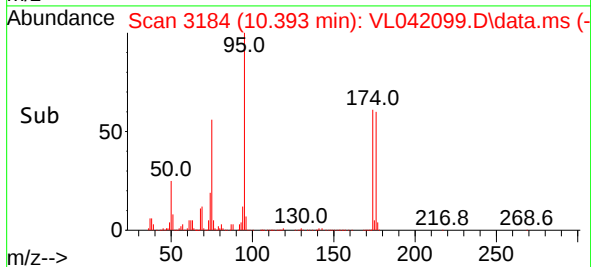
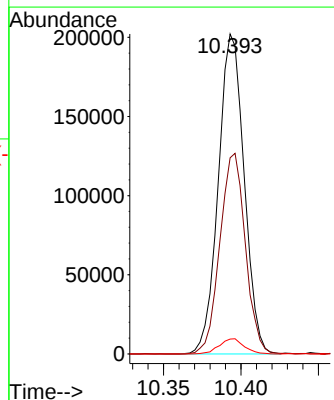
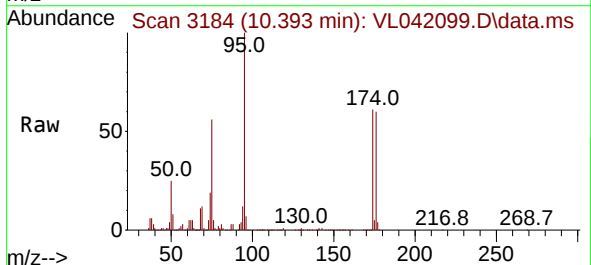
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

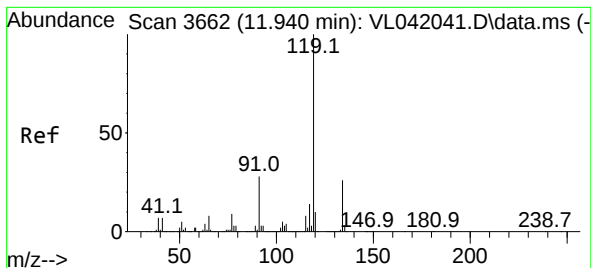
Tgt Ion:104 Resp: 889
Ion Ratio Lower Upper
104 100
78 0.0 41.0 61.4#
103 60.6 37.0 55.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.698 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VL042099.D
Acq: 05 Mar 2025 12:11

Tgt Ion: 95 Resp: 234544
Ion Ratio Lower Upper
95 100
174 61.9 51.8 77.6
175 4.6 3.9 5.9

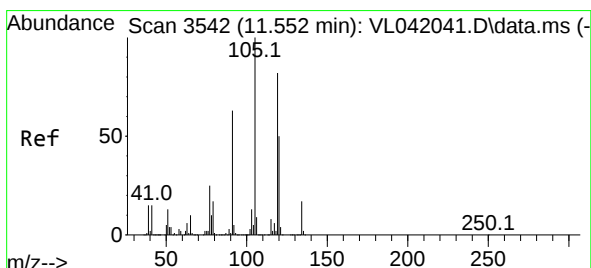
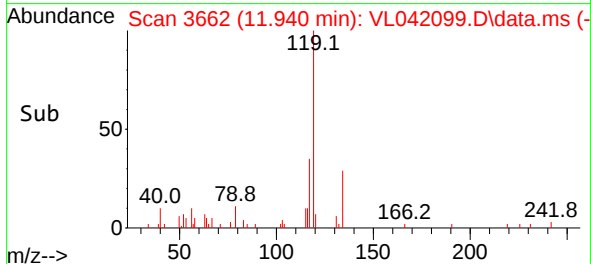
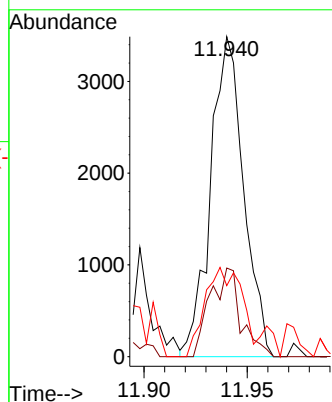
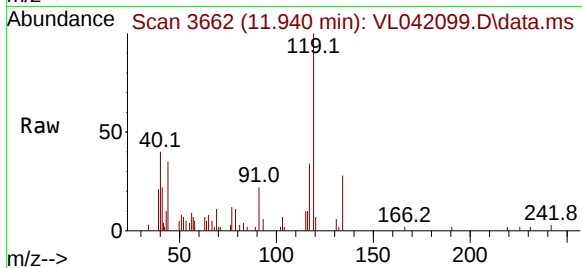




#69
 p-Isopropyltoluene
 Concen: 0.054 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. -0.000 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

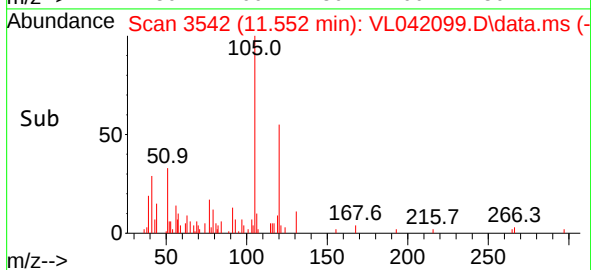
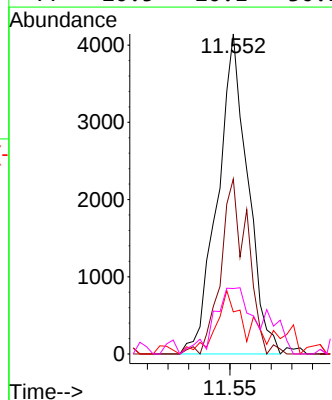
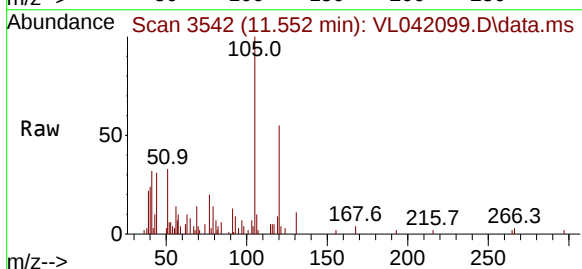
Instrument :
 MSVOA_1
 ClientSampleId :
 IA1DUP

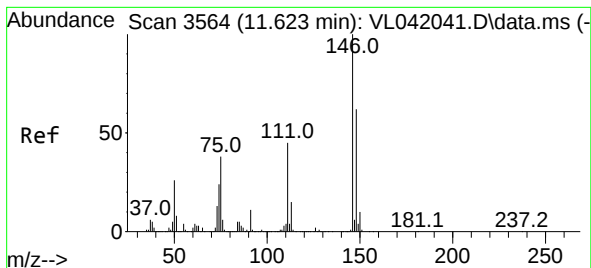
Tgt Ion:	119	Resp:	3891
Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.9	31.3
91	40.8	23.1	34.7



#74
 1,2,4-Trimethylbenzene
 Concen: 0.076 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Tgt Ion:	105	Resp:	4203
Ion	Ratio	Lower	Upper
105	100		
120	54.7	40.2	60.2
91	14.6	51.4	77.2
77	20.5	20.1	30.1





#75

1,3-Dichlorobenzene

Concen: 0.295 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.068 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

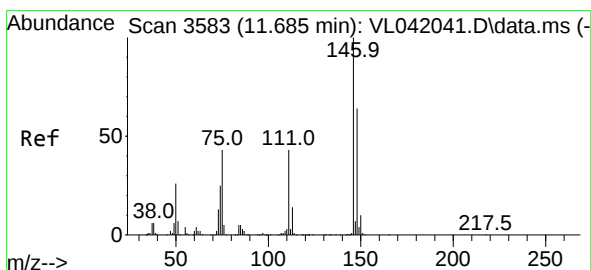
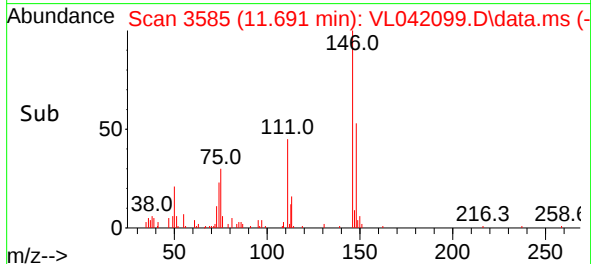
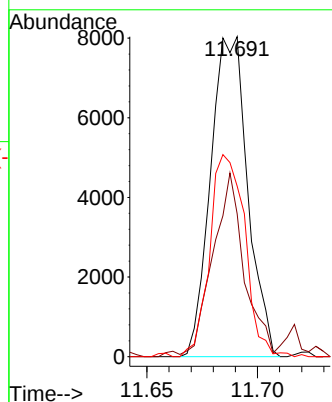
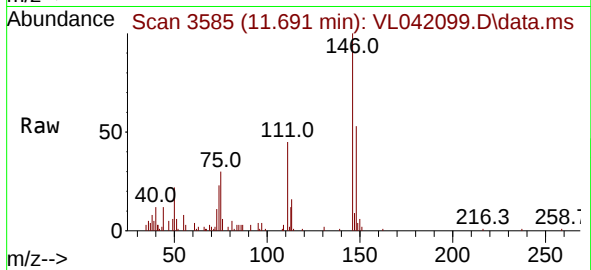
Tgt Ion:146 Resp: 9365

Ion Ratio Lower Upper

146 100

111 53.9 22.4 67.2

148 60.2 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 0.297 ppbv

RT: 11.691 min Scan# 3585

Delta R.T. 0.006 min

Lab File: VL042099.D

Acq: 05 Mar 2025 12:11

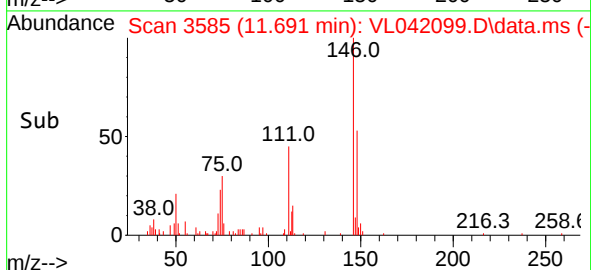
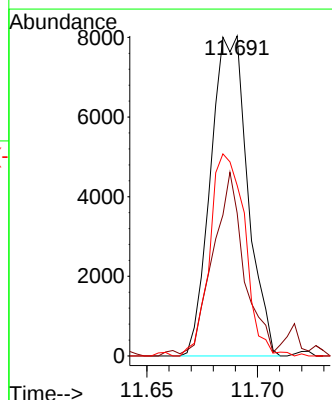
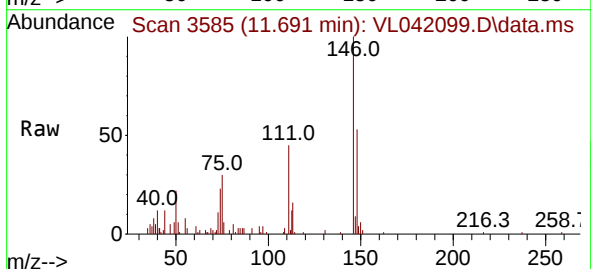
Tgt Ion:146 Resp: 9365

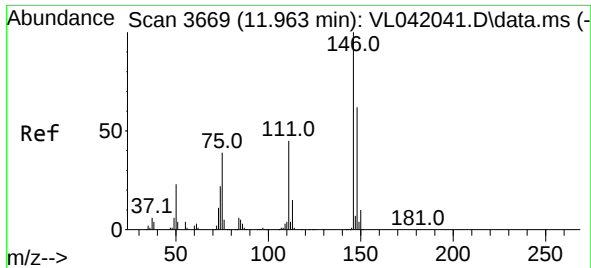
Ion Ratio Lower Upper

146 100

111 53.9 21.5 64.5

148 60.2 31.6 95.0





#77
 1,2-Dichlorobenzene
 Concen: 0.304 ppbv
 RT: 11.691 min Scan# 31
 Delta R.T. -0.272 min
 Lab File: VL042099.D
 Acq: 05 Mar 2025 12:11

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Tgt Ion:	146	Resp:	9365
Ion	Ratio	Lower	Upper
146	100		
111	53.9	23.2	69.6
148	60.2	31.4	94.2

