

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041882.D
 Acq On : 09 Jan 2025 23:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Quant Time: Jan 10 03:12:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Jan 10 00:31:30 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	115767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	347764	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.894	117	306857	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.386	95	248419	10.096	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	3122	0.164	ppbv	92
3) Chlorodifluoromethane	1.479	51	3254	0.156	ppbv	94
4) Chloromethane	1.534	50	1413	0.191	ppbv #	65
5) Vinyl Chloride	1.583	62	1299	0.165	ppbv	97
6) Bromomethane	1.670	94	695	0.188	ppbv #	58
7) Chloroethane	1.709	64	509	0.167	ppbv #	88
8) Dichlorotetrafluoroethane	1.557	85	2371	0.143	ppbv	96
9) Propene	1.486	41	2074	0.213	ppbv	85
10) Heptane	4.997	43	1032	0.040	ppbv #	27
11) Trichlorofluoromethane	1.884	101	2873	0.147	ppbv #	67
12) 1,1,2-Trichlorotrifluo...	2.146	101	2266	0.143	ppbv	94
13) Ethanol	1.725	45	1897	3.066	ppbv #	29
14) Bromoethene	1.790	108	334	0.059	ppbv #	1
15) Acetone	1.842	43	5248	0.269	ppbv	100
16) 1,3-Butadiene	1.612	39	1639	0.195	ppbv	90
17) tert-Butyl alcohol	2.049	59	3009	0.136	ppbv #	81
18) 1,1-Dichloroethene	2.039	96	1274	0.178	ppbv	86
19) Isopropyl Alcohol	1.890	45	2591	0.252	ppbv #	84
20) Methylene Chloride	2.068	84	2140	0.321	ppbv	87
21) Allyl Chloride	2.101	41	1680	0.134	ppbv #	62
22) trans-1,2-Dichloroethene	2.347	96	1223	0.148	ppbv	89
23) Vinyl Acetate	2.466	43	3058	0.309	ppbv #	20
24) 1,1-Dichloroethane	2.421	63	2340	0.149	ppbv #	88
25) Ethyl Acetate	2.848	43	5188	0.107	ppbv #	93
26) Hexane	2.835	57	2842	0.142	ppbv #	87
27) Carbon Disulfide	2.159	76	2000	0.105	ppbv #	1
28) Methyl tert-Butyl Ether	2.453	73	1736	0.114	ppbv #	82
29) Chloroform	2.855	83	3931	0.141	ppbv #	62
30) Cyclohexane	3.868	84	1892	0.110	ppbv #	76
31) cis-1,2-Dichloroethene	2.347	61	1863	0.096	ppbv	92
32) 1,1,1-Trichloroethane	3.382	97	3308	0.119	ppbv #	91
34) 2-Butanone	2.573	43	3967	0.137	ppbv	98
35) Carbon Tetrachloride	3.774	117	2393	0.089	ppbv #	83
36) Benzene	3.674	78	4958	0.123	ppbv #	91
37) 1,2-Dichloroethane	3.227	62	2893	0.137	ppbv #	93
38) Trichloroethene	4.551	130	451	0.028	ppbv	86
39) 1,2-Dichloropropane	4.327	63	1358	0.095	ppbv #	66
40) 1,4-Dioxane	4.638	88	535	0.074	ppbv #	17
41) Tetrahydrofuran	3.052	42	92	0.005	ppbv #	37
42) Bromodichloromethane	4.505	83	1313	0.045	ppbv #	47
43) Methyl Methacrylate	4.904	69	479	0.029	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	3811	0.056	ppbv #	37
45) t-1,3-Dichloropropene	6.422	75	320	0.019	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041882.D
 Acq On : 09 Jan 2025 23:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

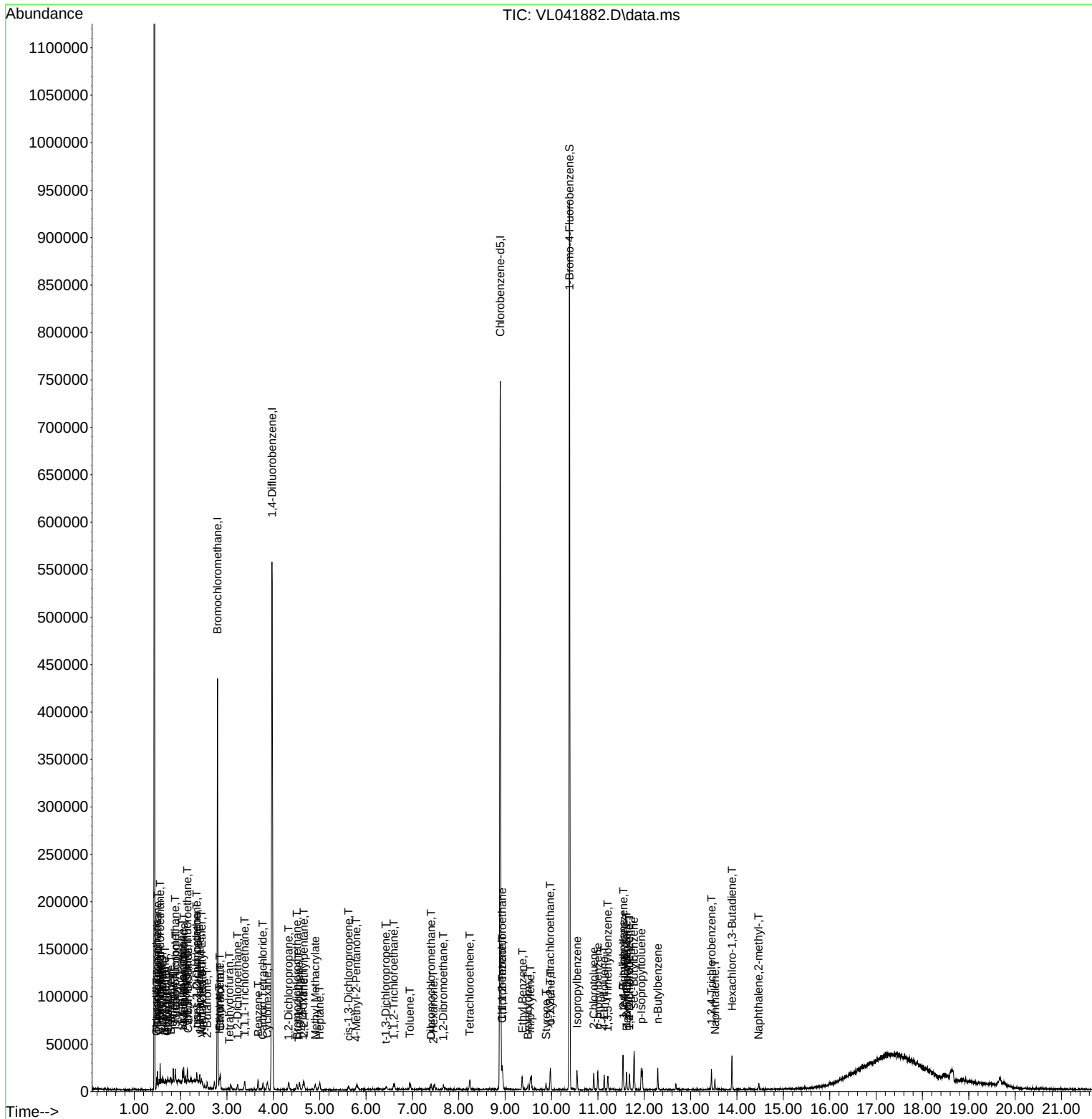
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

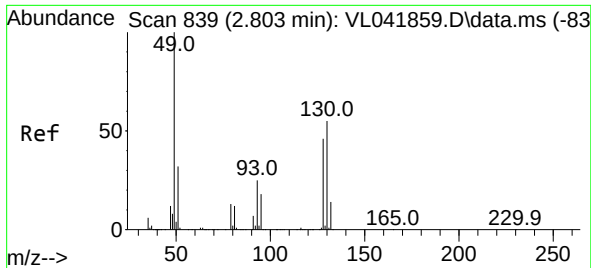
Quant Time: Jan 10 03:12:29 2025
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.622	75	719	0.033	ppbv	#	31
47) 1,1,2-Trichloroethane	6.596	97	1060	0.070	ppbv	#	80
48) Dibromochloromethane	7.402	129	1613	0.070	ppbv	#	40
49) Bromoform	9.493	173	1894	0.095	ppbv	#	84
50) 4-Methyl-2-Pentanone	5.790	43	1572	0.038	ppbv	#	38
51) 2-Hexanone	7.451	43	284	0.008	ppbv	#	28
52) Tetrachloroethene	8.234	164	1478	0.096	ppbv	#	61
53) Toluene	6.946	91	2661	0.055	ppbv	#	21
54) 1,2-Dibromoethane	7.664	107	1091	0.053	ppbv		83
56) 1,1,1,2-Tetrachloroethane	8.936	131	2262	0.124	ppbv	#	55
57) Chlorobenzene	8.933	112	3219	0.094	ppbv	#	59
58) Ethyl Benzene	9.370	91	2650	0.042	ppbv		97
59) m/p-Xylene	9.545	91	5534	0.111	ppbv	#	100
60) o-Xylene	9.979	91	5689	0.114	ppbv		100
61) Styrene	9.885	104	2212	0.089	ppbv		94
62) Isopropylbenzene	10.552	105	8208	0.110	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.972	83	2236	0.075	ppbv	#	25
64) n-propylbenzene	11.001	120	635	0.033	ppbv	#	1
65) tert-Butylbenzene	11.542	119	7485	0.110	ppbv		95
66) Benzyl Chloride	11.623	91	257	0.037	ppbv	#	66
67) sec-Butylbenzene	11.778	105	9095	0.097	ppbv	#	90
69) p-Isopropyltoluene	11.937	119	7947	0.100	ppbv		93
70) n-Butylbenzene	12.290	91	7611	0.095	ppbv		99
71) 2-Chlorotoluene	10.911	91	6921	0.119	ppbv		99
72) 4-Ethyltoluene	11.134	105	5819	0.095	ppbv	#	94
73) 1,3,5-Trimethylbenzene	11.212	105	5314	0.103	ppbv		97
74) 1,2,4-Trimethylbenzene	11.548	105	5664	0.101	ppbv	#	93
75) 1,3-Dichlorobenzene	11.616	146	4287	0.127	ppbv		98
76) 1,4-Dichlorobenzene	11.678	146	3888	0.116	ppbv		94
77) 1,2-Dichlorobenzene	11.678	146	3888	0.122	ppbv		97
78) Hexachloro-1,3-Butadiene	13.892	225	3493	0.128	ppbv		98
79) Naphthalene	13.526	128	4908	0.081	ppbv	#	88
80) Naphthalene,2-methyl-	14.468	142	1952	0.060	ppbv	#	77
81) 1,2,4-Trichlorobenzene	13.448	180	3268	0.113	ppbv		96

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

Quant Time: Jan 10 03:12:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

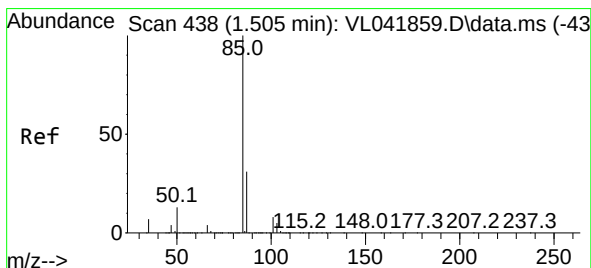
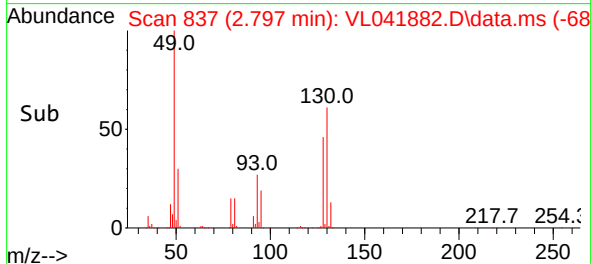
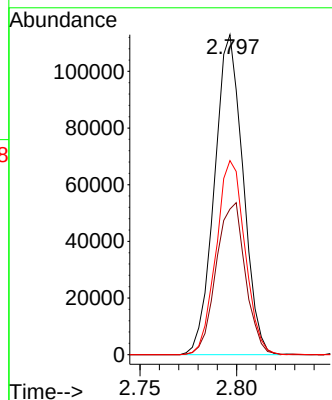
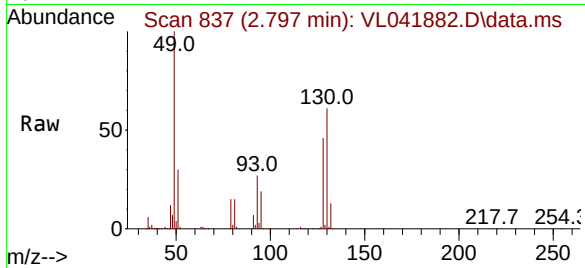




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

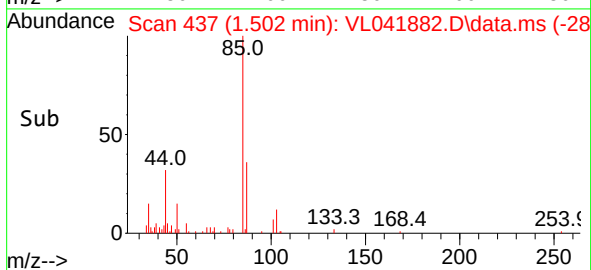
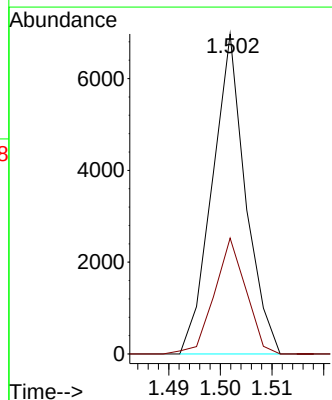
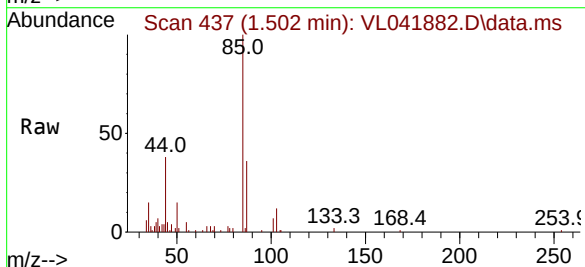
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

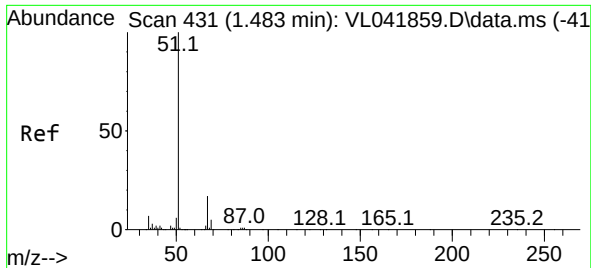
Tgt Ion: 49 Resp: 115767
Ion Ratio Lower Upper
49 100
128 48.6 23.2 69.5
130 61.3 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.164 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 85 Resp: 3122
Ion Ratio Lower Upper
85 100
87 36.2 25.2 37.8

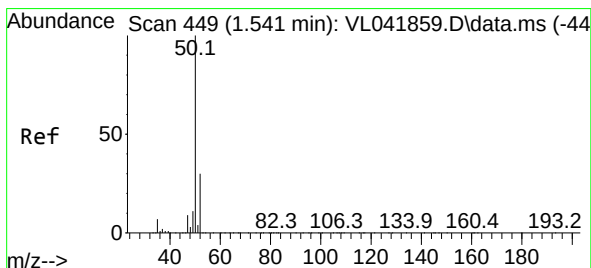
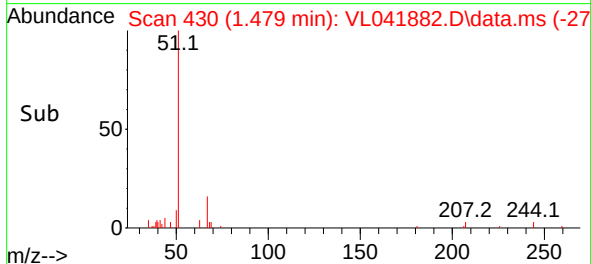
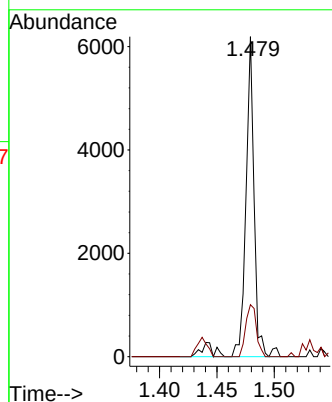
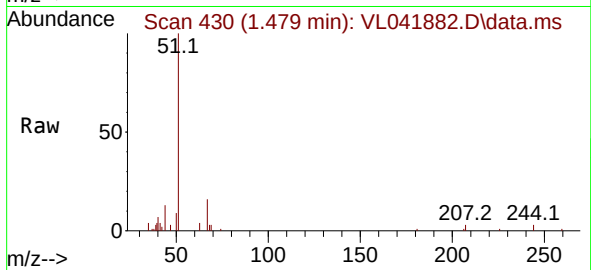




#3
Chlorodifluoromethane
Concen: 0.156 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

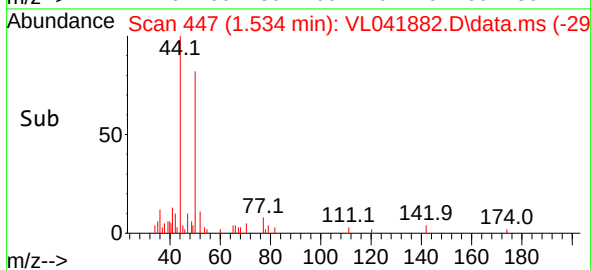
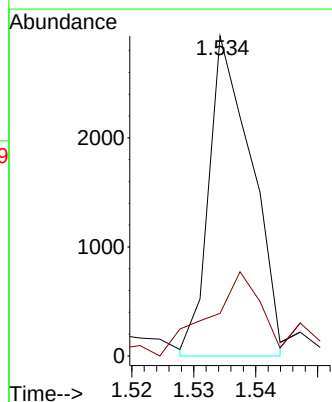
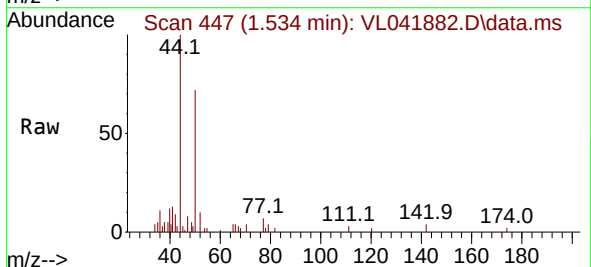
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

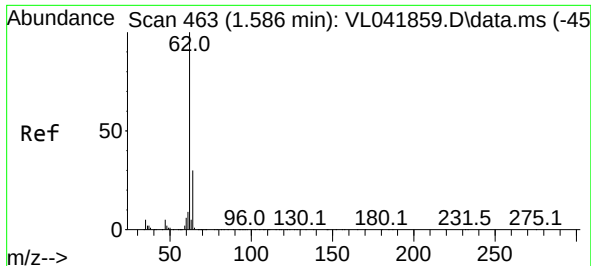
Tgt Ion: 51 Resp: 3254
Ion Ratio Lower Upper
51 100
67 20.0 13.8 20.8



#4
Chloromethane
Concen: 0.191 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 50 Resp: 1413
Ion Ratio Lower Upper
50 100
52 11.1 23.9 35.9#

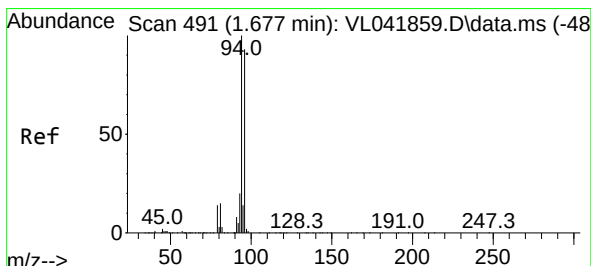
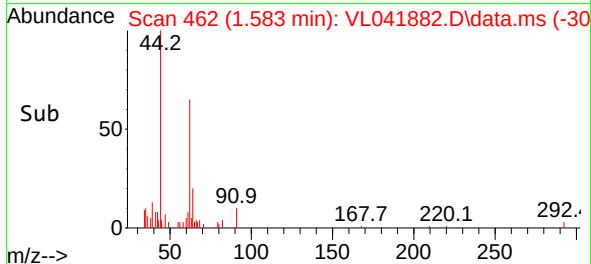
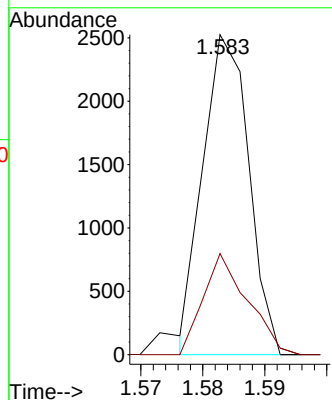
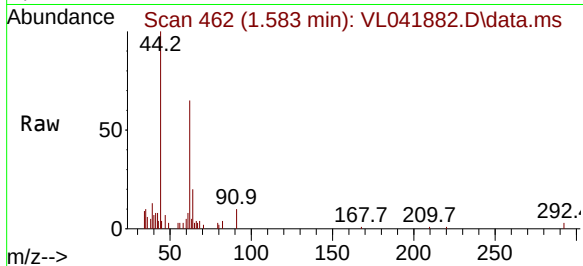




#5
 Vinyl Chloride
 Concen: 0.165 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

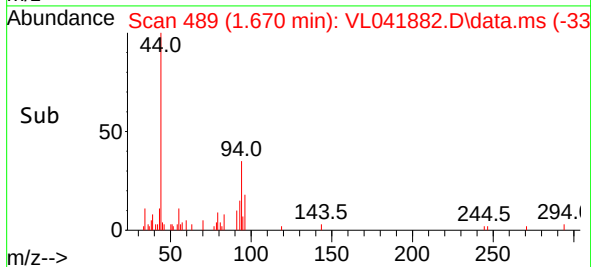
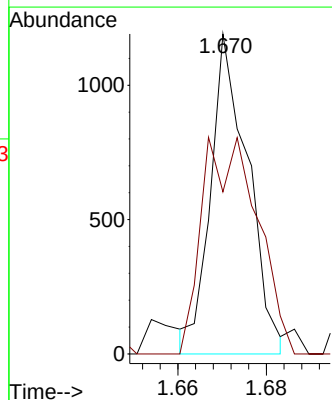
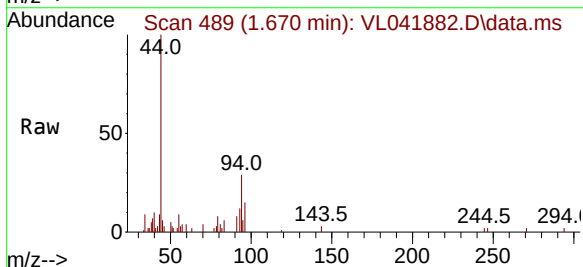
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.1

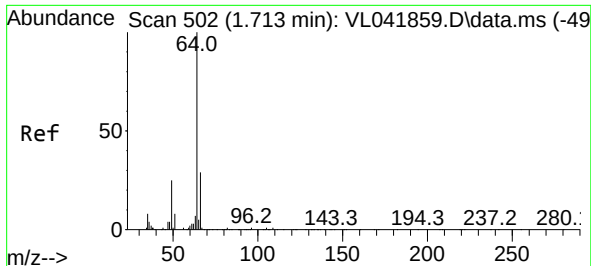
Tgt Ion: 62 Resp: 1299
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.1 36.1



#6
 Bromomethane
 Concen: 0.188 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion: 94 Resp: 695
 Ion Ratio Lower Upper
 94 100
 96 53.5 74.8 112.2#

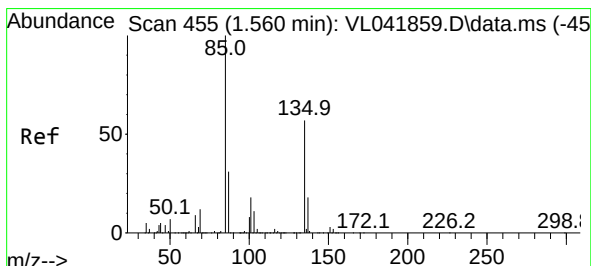
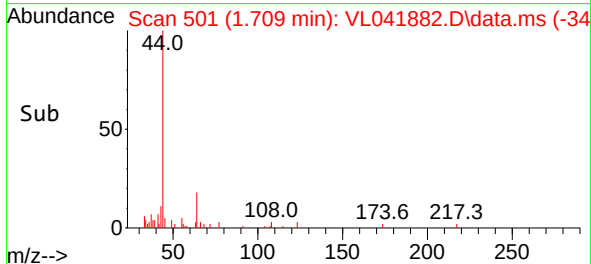
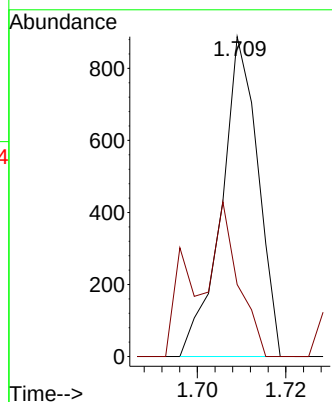
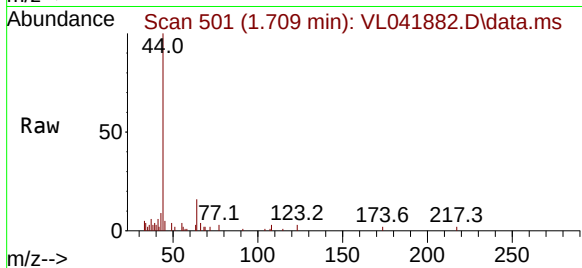




#7
Chloroethane
Concen: 0.167 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

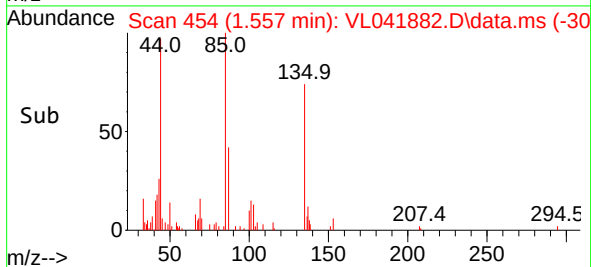
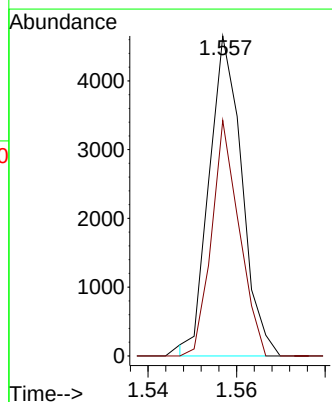
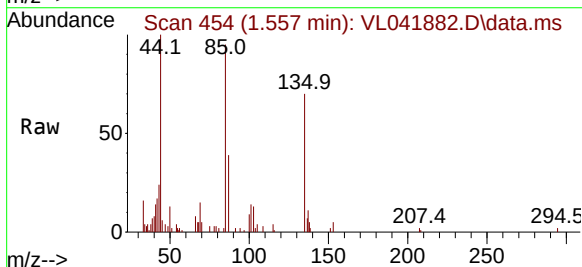
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

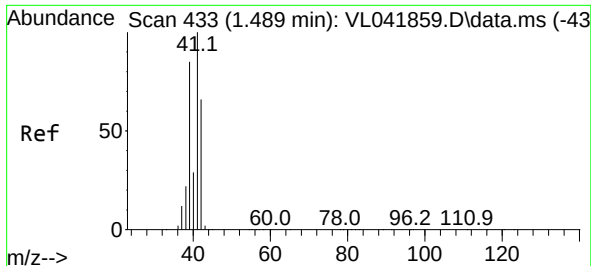
Tgt Ion: 64 Resp: 509
Ion Ratio Lower Upper
64 100
66 22.5 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.143 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 85 Resp: 2371
Ion Ratio Lower Upper
85 100
135 62.4 52.2 78.4





#9

Propene

Concen: 0.213 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.004 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

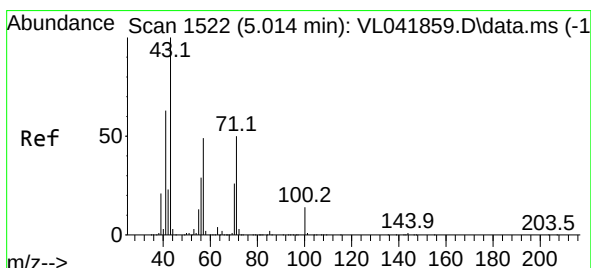
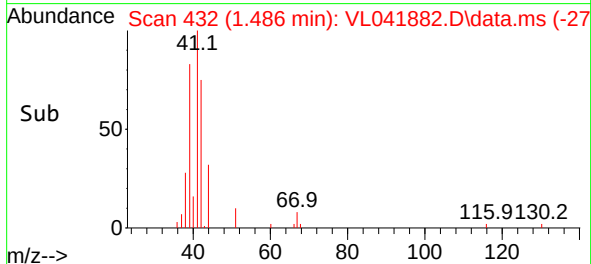
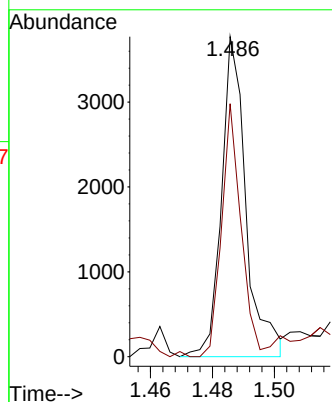
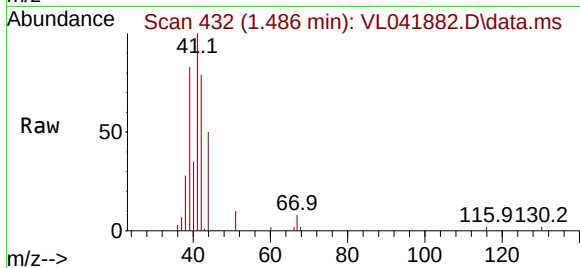
MDL 0.1

Tgt Ion: 41 Resp: 2074

Ion Ratio Lower Upper

41 100

42 78.5 53.0 79.6



#10

Heptane

Concen: 0.040 ppbv

RT: 4.997 min Scan# 1517

Delta R.T. -0.016 min

Lab File: VL041882.D

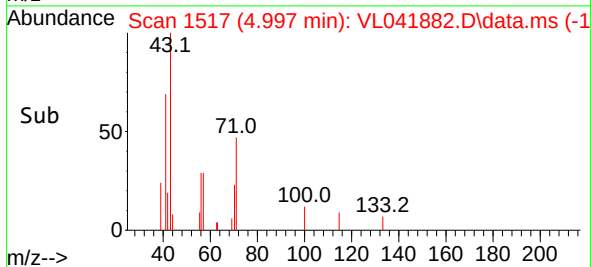
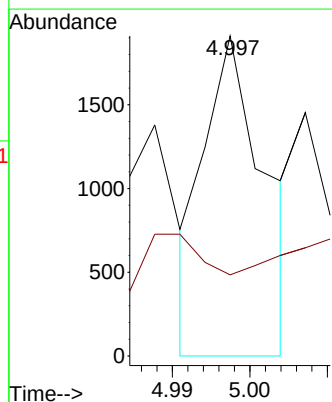
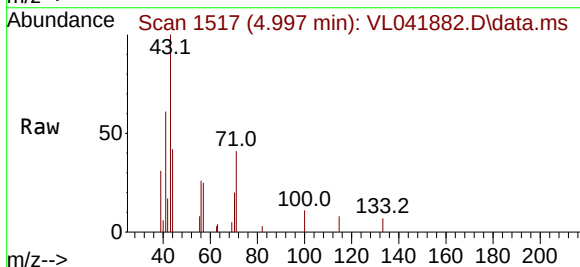
Acq: 09 Jan 2025 23:47

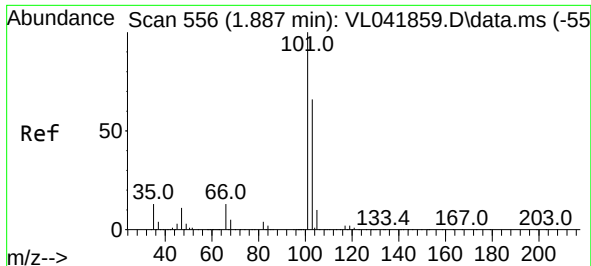
Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#

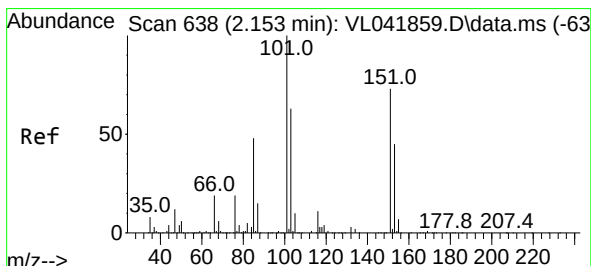
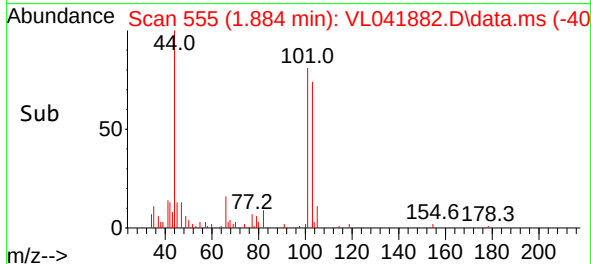
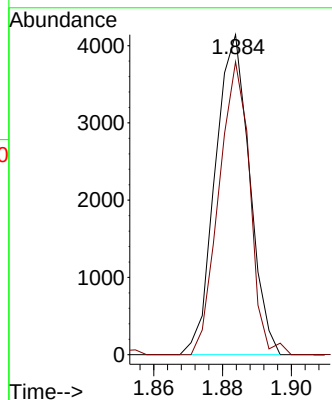
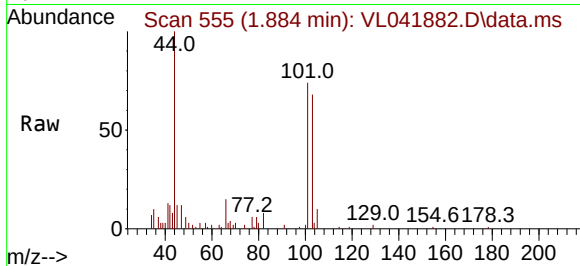




#11
 Trichlorofluoromethane
 Concen: 0.147 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.004 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

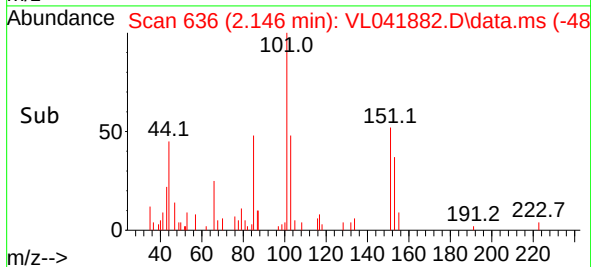
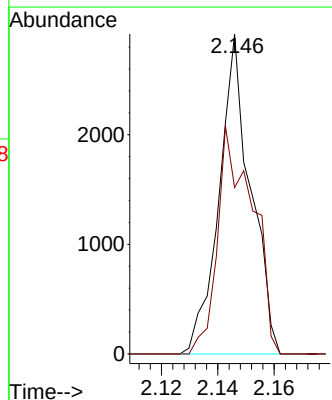
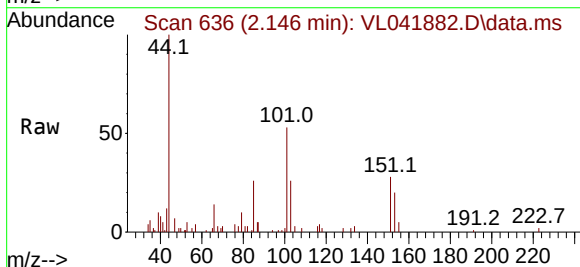
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

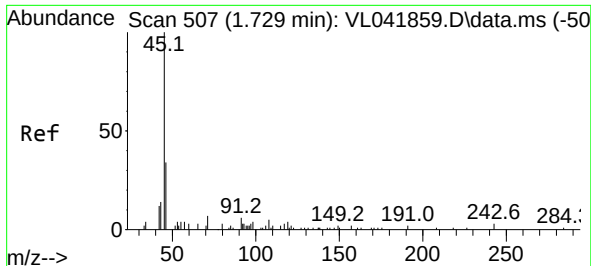
Tgt Ion:101 Resp: 2873
 Ion Ratio Lower Upper
 101 100
 103 91.5 52.6 78.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.143 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion:101 Resp: 2266
 Ion Ratio Lower Upper
 101 100
 151 79.4 59.4 89.0

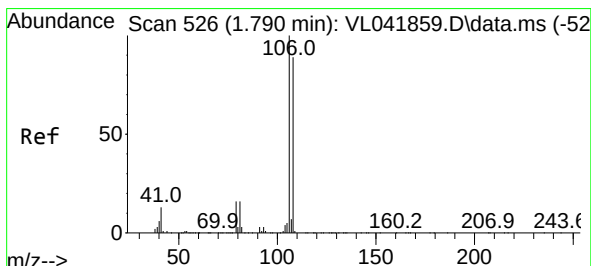
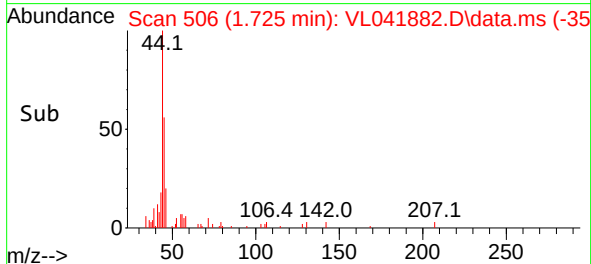
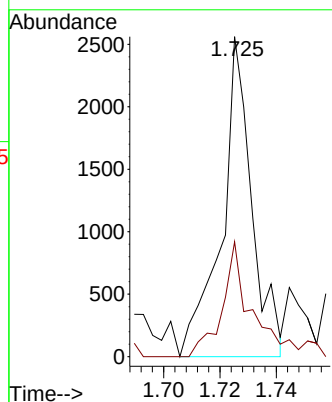
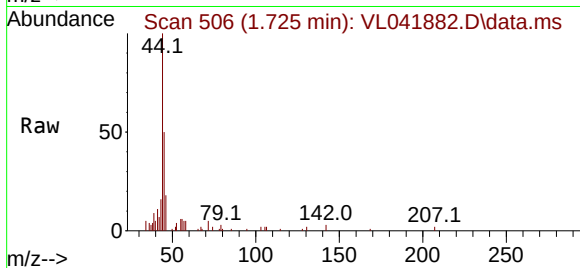




#13
Ethanol
Concen: 3.066 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

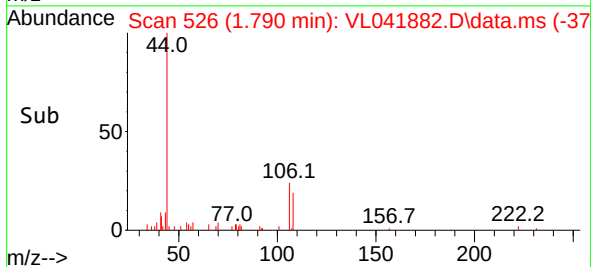
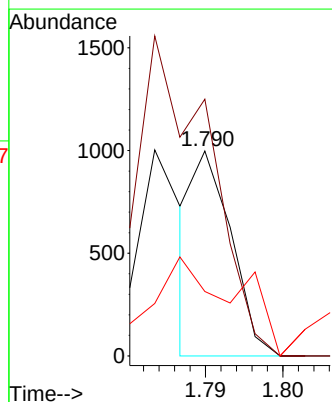
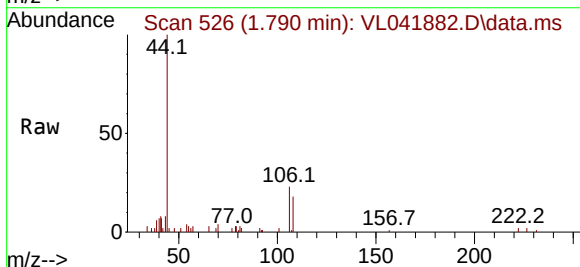
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

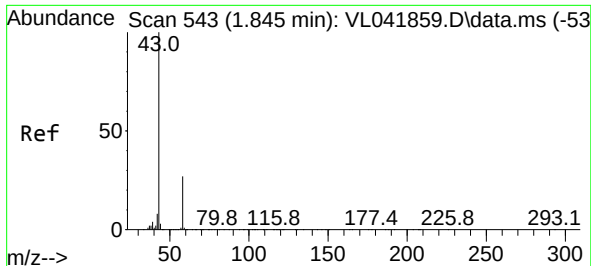
Tgt Ion: 45 Resp: 1897
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0#



#14
Bromoethene
Concen: 0.059 ppbv
RT: 1.790 min Scan# 526
Delta R.T. -0.000 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 108 Resp: 334
Ion Ratio Lower Upper
108 100
106 0.0 86.9 130.3#
79 167.1 15.6 23.4#

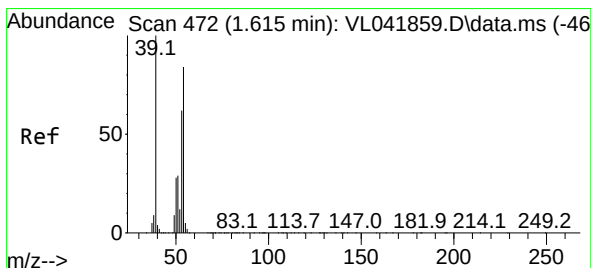
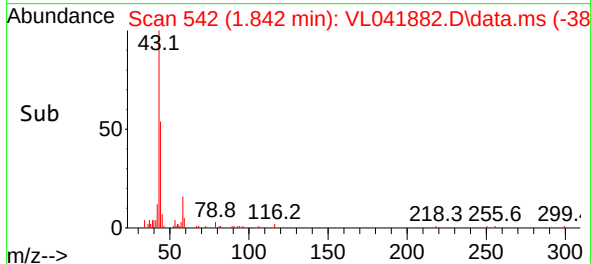
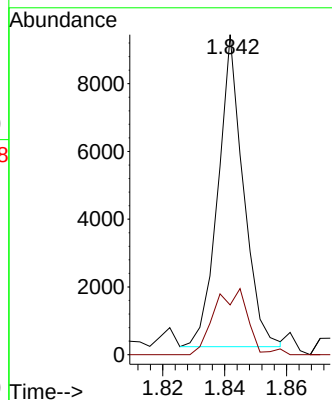
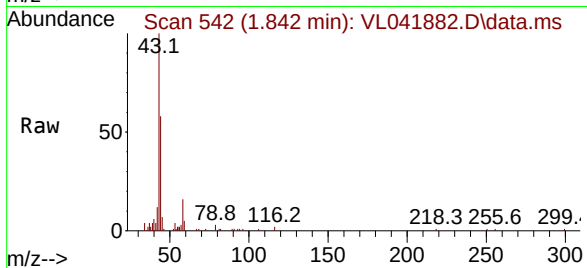




#15
Acetone
Concen: 0.269 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

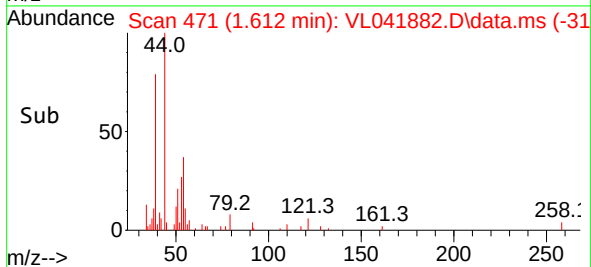
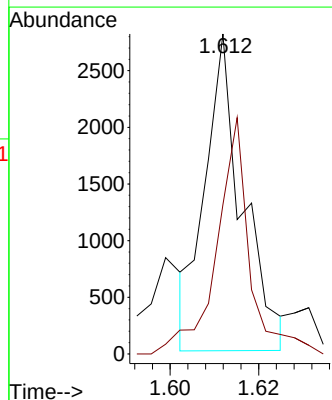
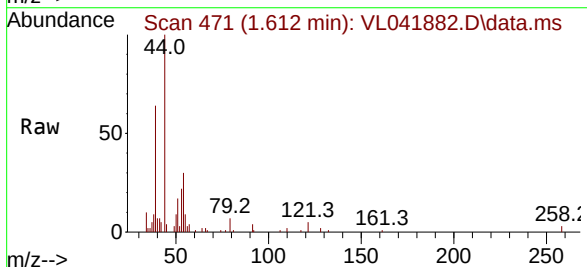
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

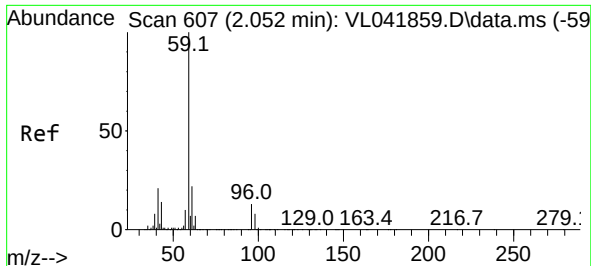
Tgt Ion: 43 Resp: 5248
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1



#16
1,3-Butadiene
Concen: 0.195 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 39 Resp: 1639
Ion Ratio Lower Upper
39 100
54 67.0 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.136 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.004 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

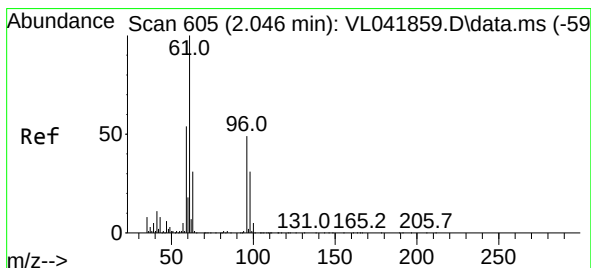
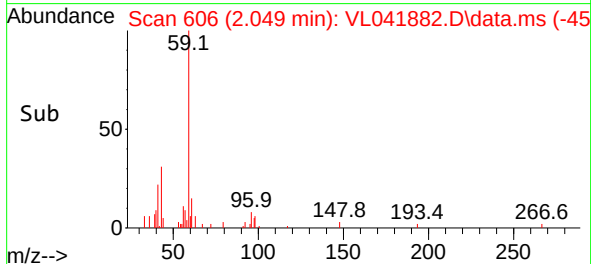
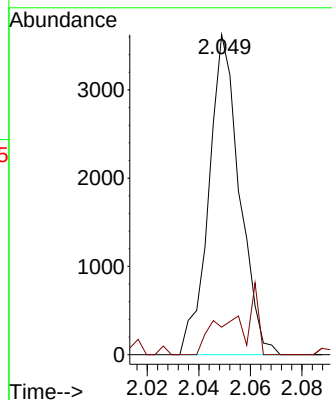
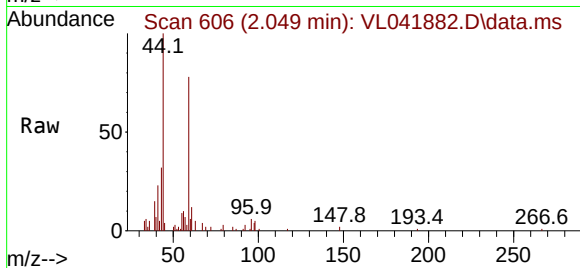
MDL 0.1

Tgt Ion: 59 Resp: 3009

Ion Ratio Lower Upper

59 100

57 17.2 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.178 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.007 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

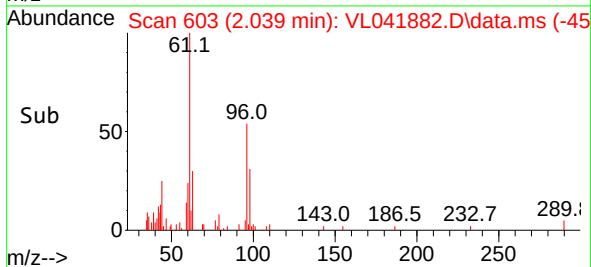
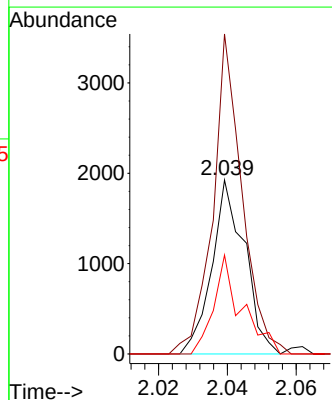
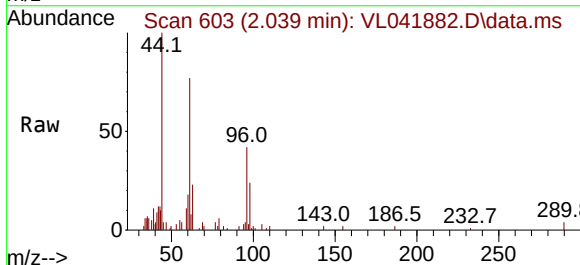
Tgt Ion: 96 Resp: 1274

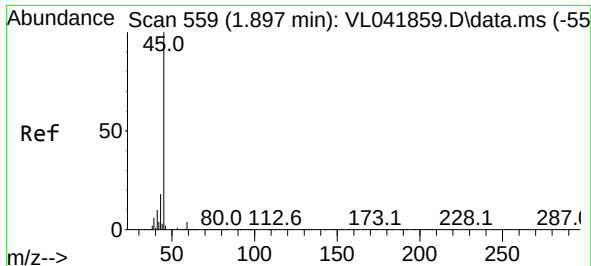
Ion Ratio Lower Upper

96 100

61 178.5 161.7 242.5

98 56.8 51.0 76.4

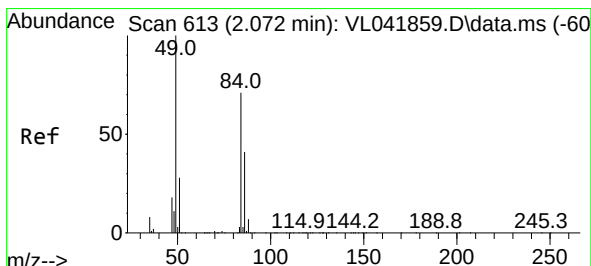
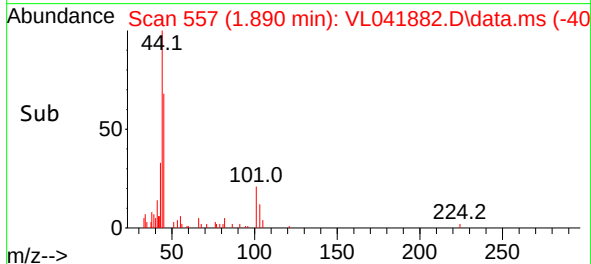
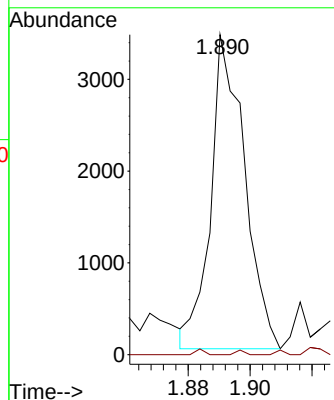
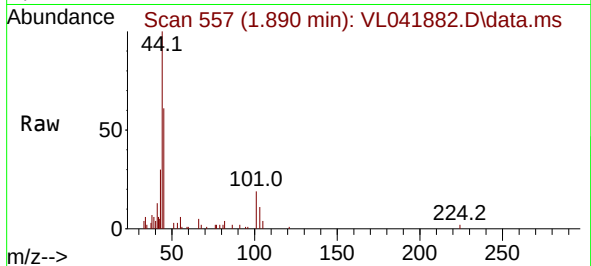




#19
Isopropyl Alcohol
Concen: 0.252 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

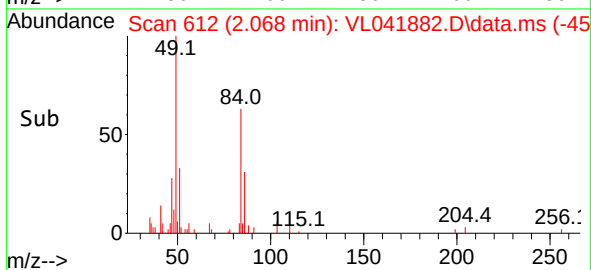
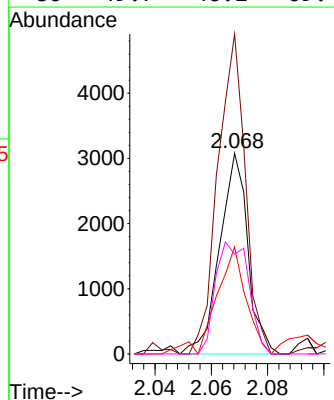
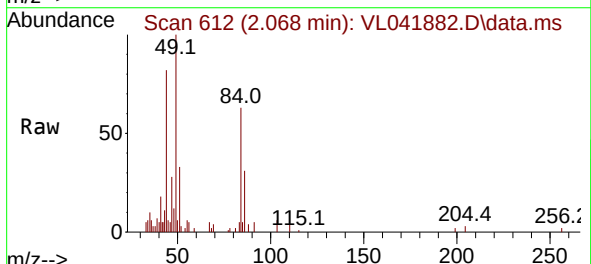
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

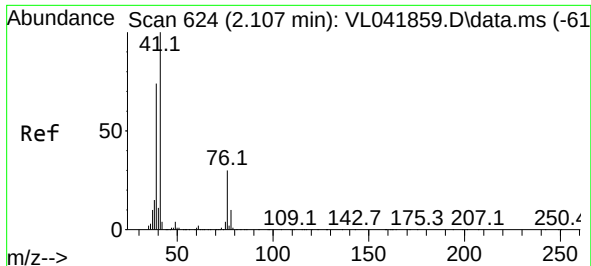
Tgt Ion: 45 Resp: 2591
Ion Ratio Lower Upper
45 100
58 57.0 37.0 55.6#



#20
Methylene Chloride
Concen: 0.321 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.004 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 84 Resp: 2140
Ion Ratio Lower Upper
84 100
49 159.4 113.8 170.8
51 49.4 33.5 50.3
86 49.7 46.2 69.4

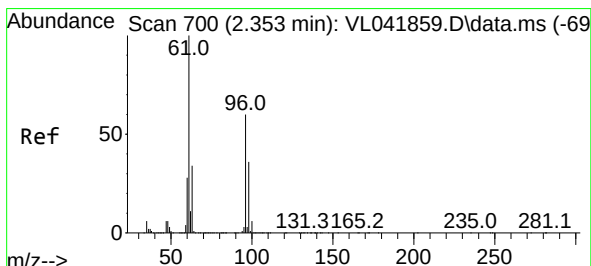
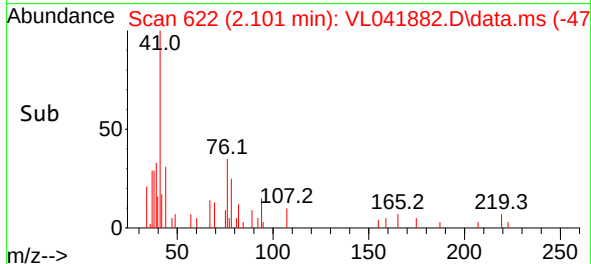
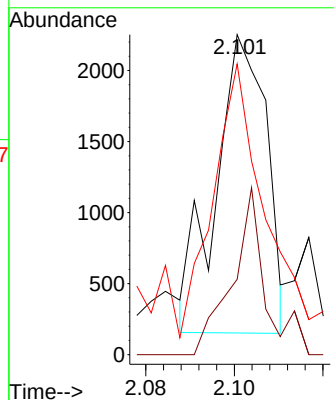
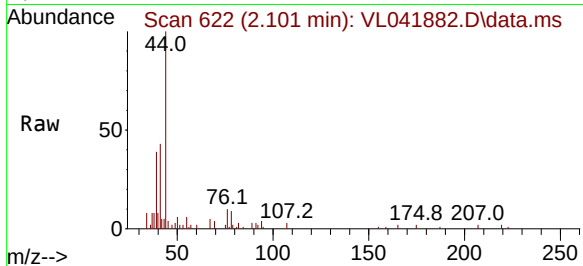




#21
 Allyl Chloride
 Concen: 0.134 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

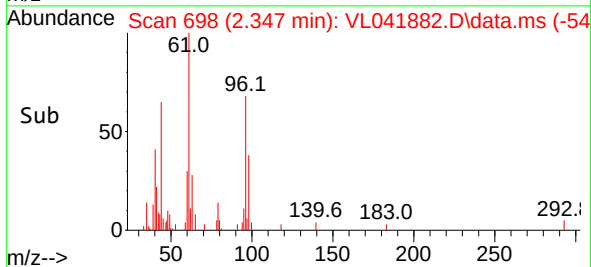
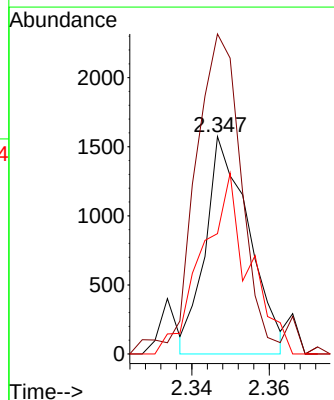
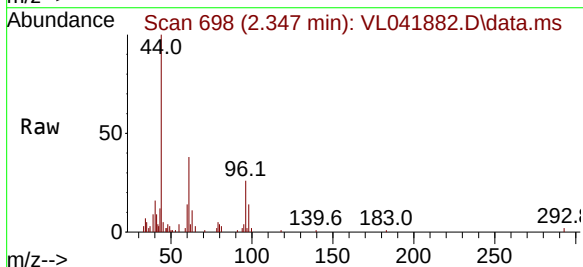
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

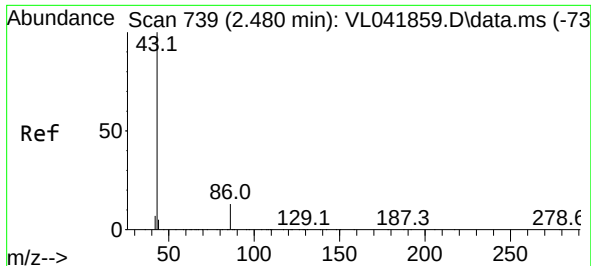
Tgt Ion: 41 Resp: 1680
 Ion Ratio Lower Upper
 41 100
 76 36.0 24.6 36.8
 39 117.9 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.148 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.007 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion: 96 Resp: 1223
 Ion Ratio Lower Upper
 96 100
 61 154.2 134.2 201.4
 98 49.8 49.0 73.4

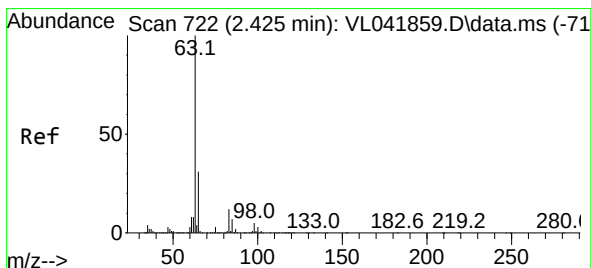
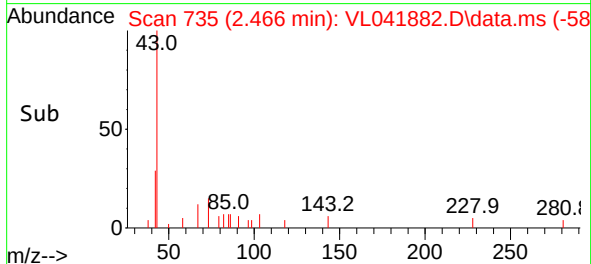
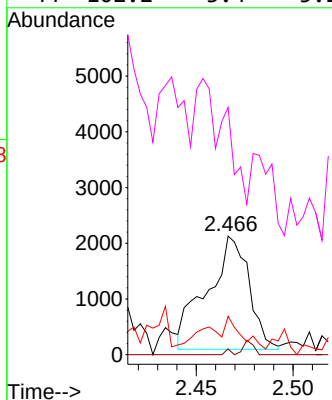
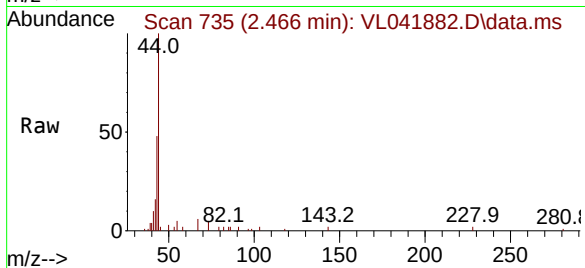




#23
 Vinyl Acetate
 Concen: 0.309 ppbv
 RT: 2.466 min Scan# 71
 Delta R.T. -0.013 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

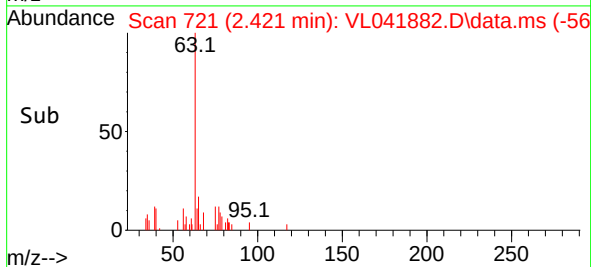
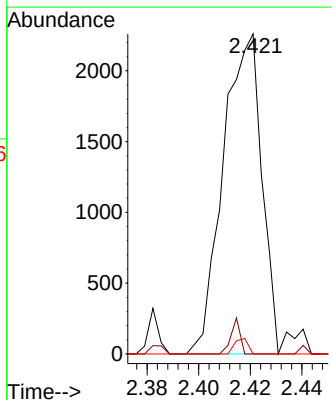
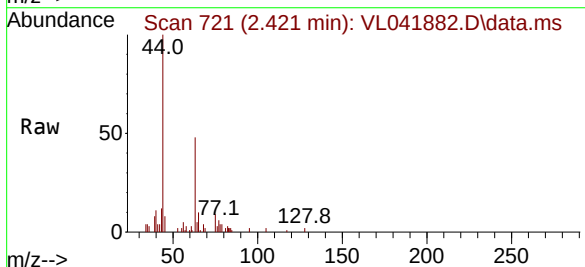
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

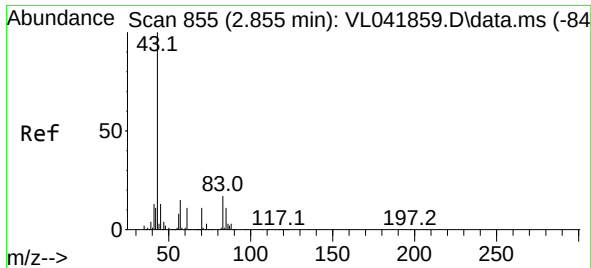
Tgt Ion:	43	Resp:	3058
Ion	Ratio	Lower	Upper
43	100		
86	5.3	7.8	11.6#
42	26.0	7.0	10.4#
44	102.2	3.4	5.2#



#24
 1,1-Dichloroethane
 Concen: 0.149 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. -0.004 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion:	63	Resp:	2340
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	0.0	1.3	3.8#

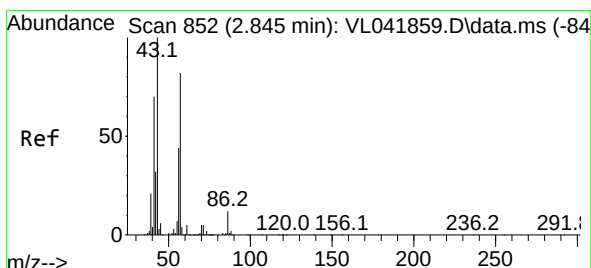
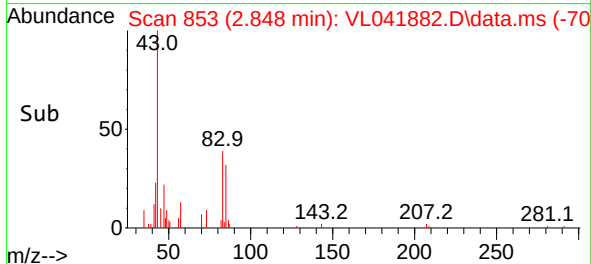
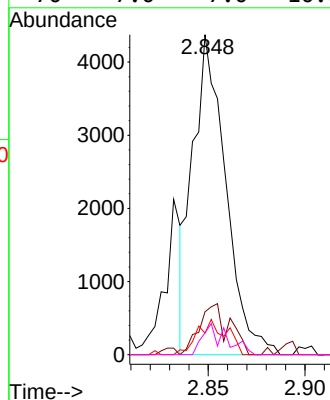
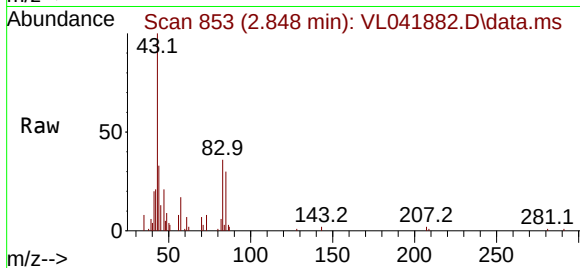




#25
Ethyl Acetate
Concen: 0.107 ppbv
RT: 2.848 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

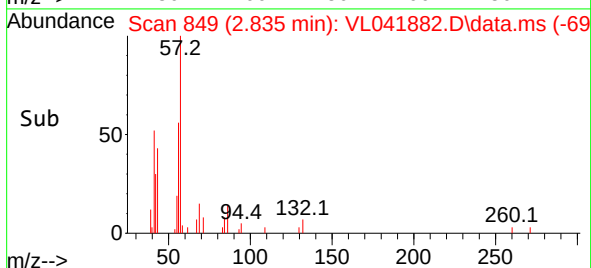
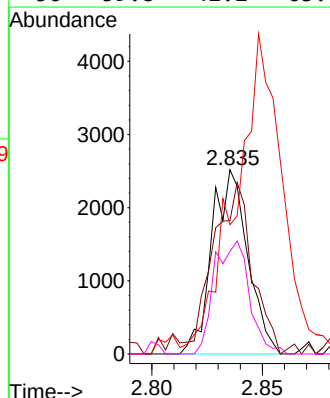
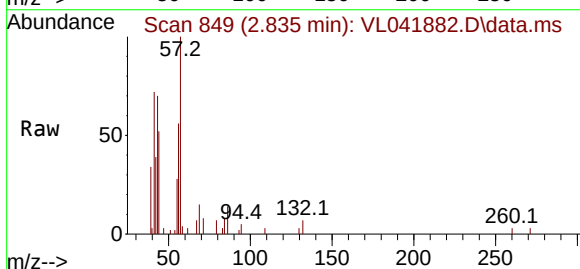
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

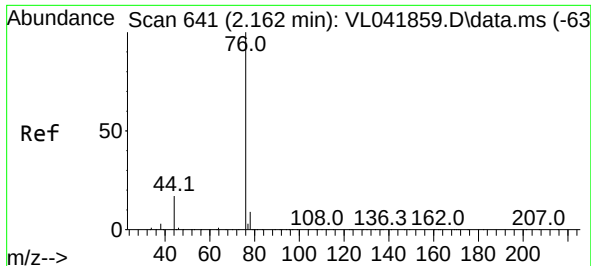
Tgt Ion: 43	Resp: 5188
Ion Ratio	Lower Upper
43 100	
45 15.6	8.4 12.6#
61 9.8	7.3 10.9
70 7.0	7.0 10.6#



#26
Hexane
Concen: 0.142 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 57	Resp: 2842
Ion Ratio	Lower Upper
57 100	
41 108.0	71.5 107.3#
43 230.9	200.2 300.4
56 59.8	42.2 63.4





#27

Carbon Disulfide

Concen: 0.105 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.003 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

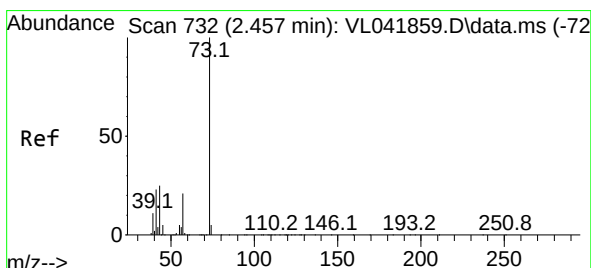
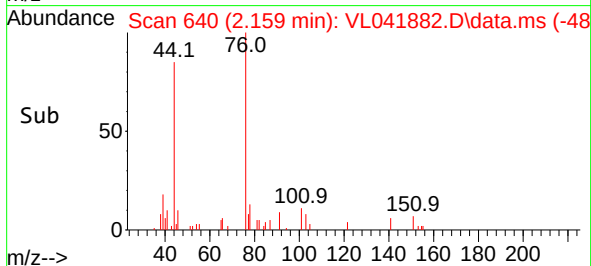
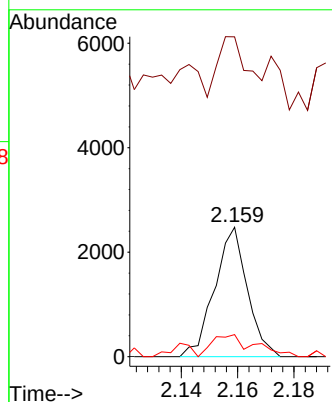
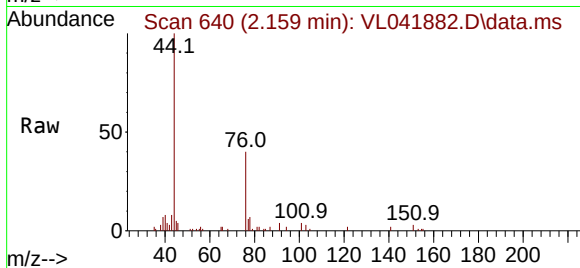
Tgt Ion: 76 Resp: 2000

Ion Ratio Lower Upper

76 100

44 410.9 13.1 19.7#

78 31.5 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.114 ppbv

RT: 2.453 min Scan# 731

Delta R.T. -0.003 min

Lab File: VL041882.D

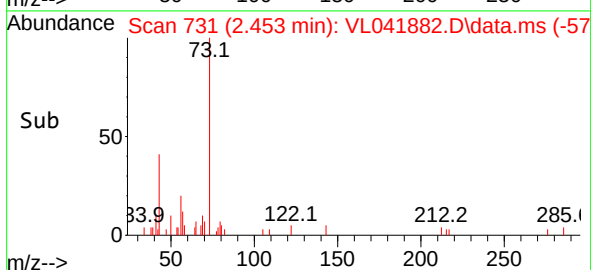
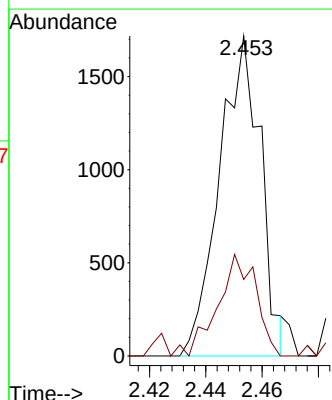
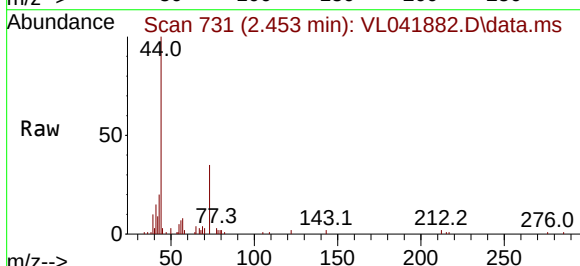
Acq: 09 Jan 2025 23:47

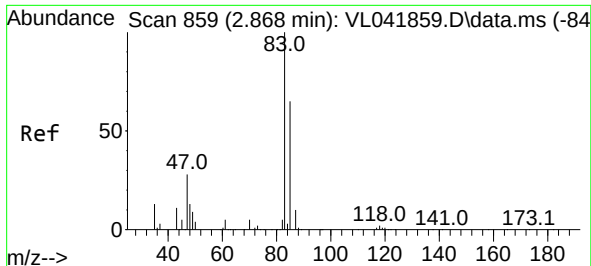
Tgt Ion: 73 Resp: 1736

Ion Ratio Lower Upper

73 100

57 30.4 17.5 26.3#





#29

Chloroform

Concen: 0.141 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

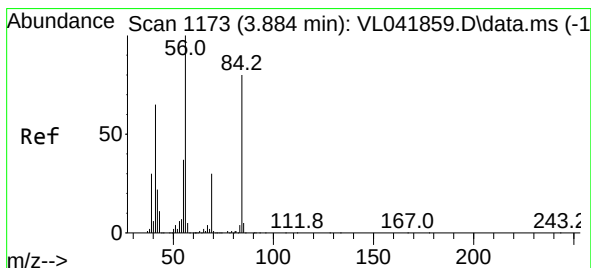
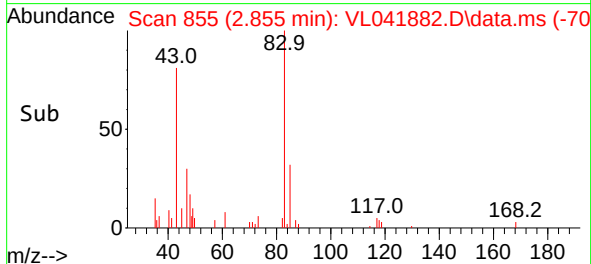
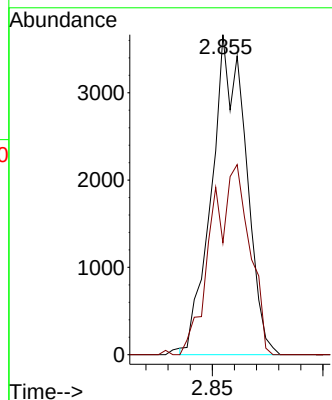
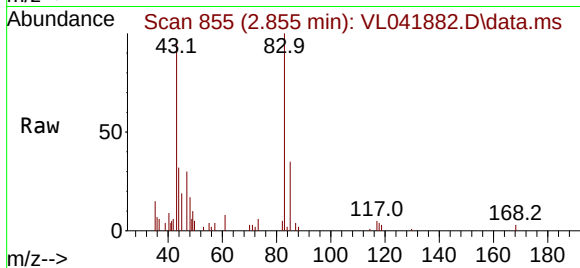
MDL 0.1

Tgt Ion: 83 Resp: 3931

Ion Ratio Lower Upper

83 100

85 35.0 51.7 77.5#



#30

Cyclohexane

Concen: 0.110 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. -0.016 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

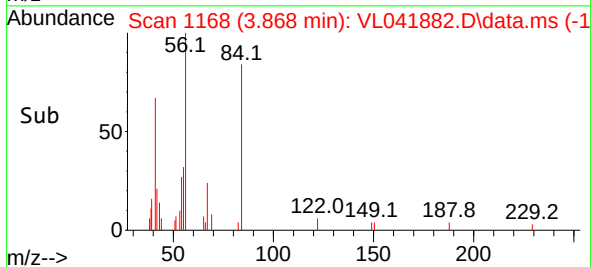
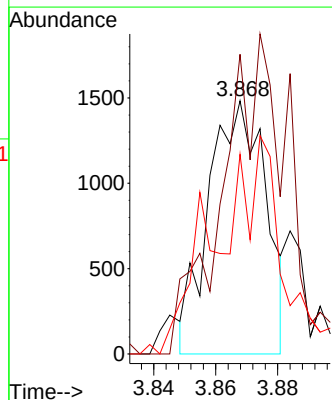
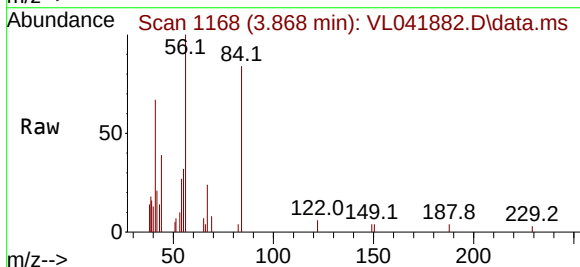
Tgt Ion: 84 Resp: 1892

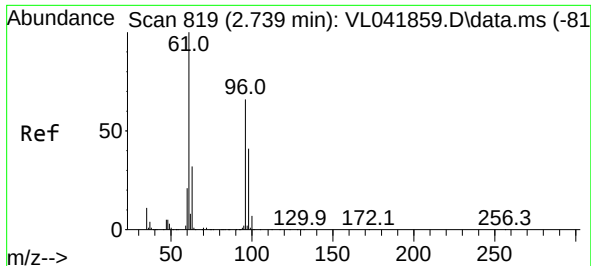
Ion Ratio Lower Upper

84 100

56 146.0 100.7 151.1

41 107.9 62.8 94.2#

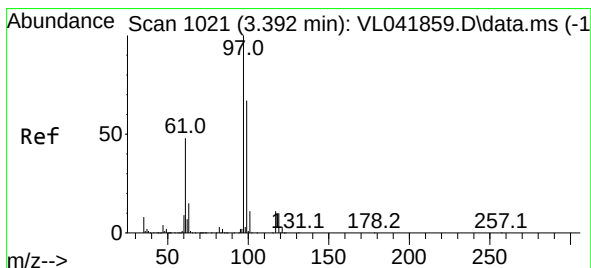
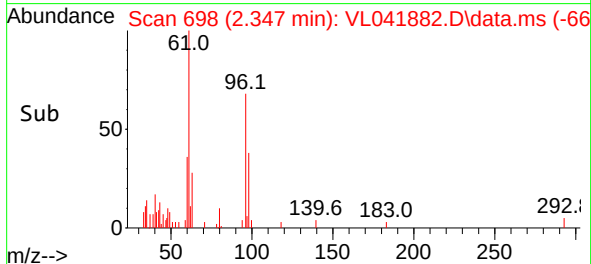
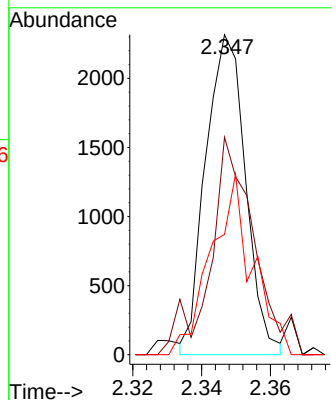
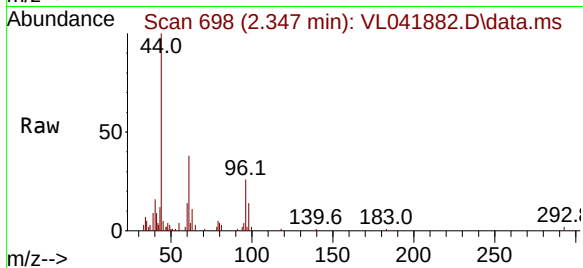




#31
 cis-1,2-Dichloroethene
 Concen: 0.096 ppbv
 RT: 2.347 min Scan# 61
 Delta R.T. -0.392 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

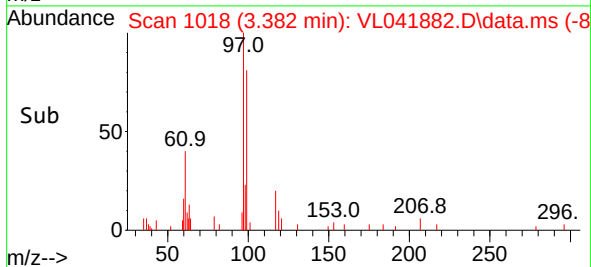
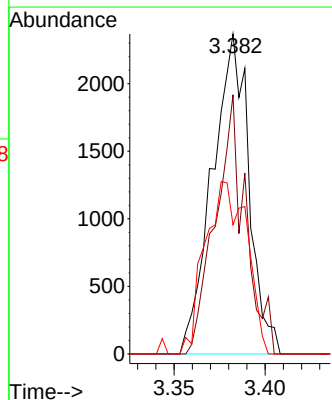
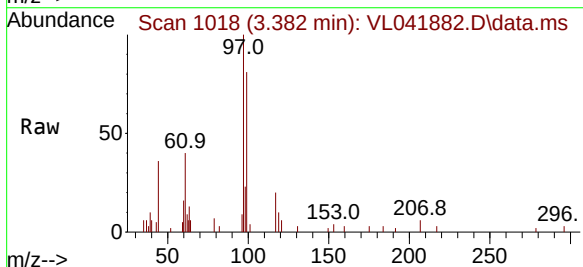
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.1

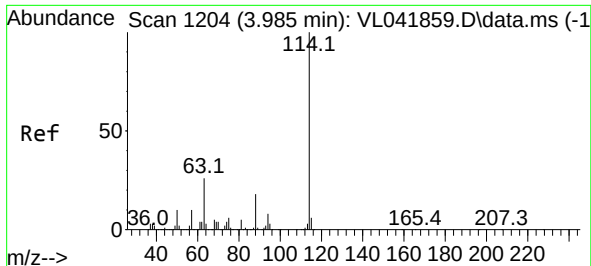
Tgt Ion:	61	Resp:	1863
Ion	Ratio	Lower	Upper
61	100		
96	63.2	53.2	79.8
98	32.5	32.5	48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.119 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion:	97	Resp:	3308
Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.0	78.0
61	62.1	38.8	58.2

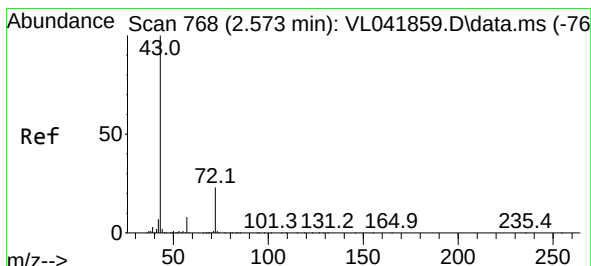
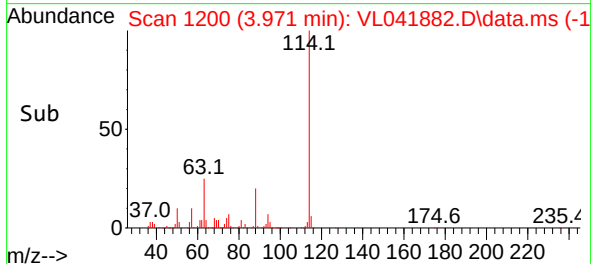
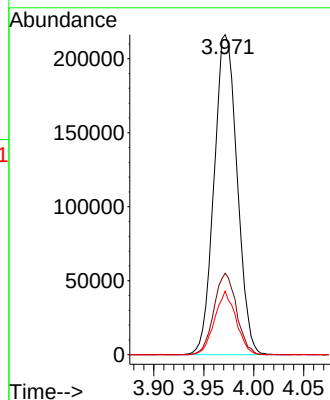
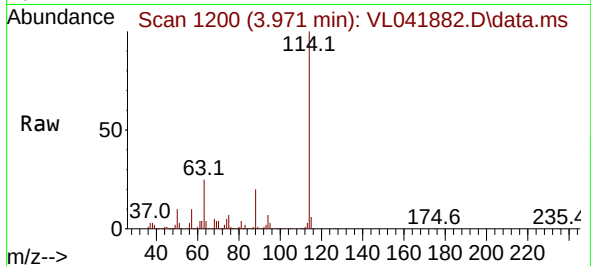




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.971 min Scan# 114
 Delta R.T. -0.013 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

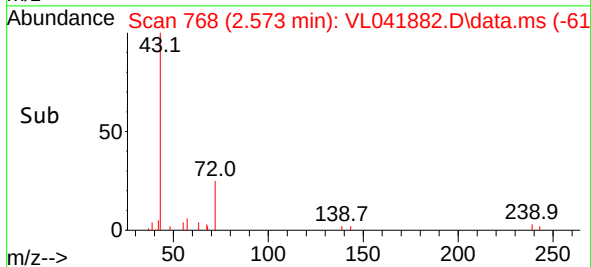
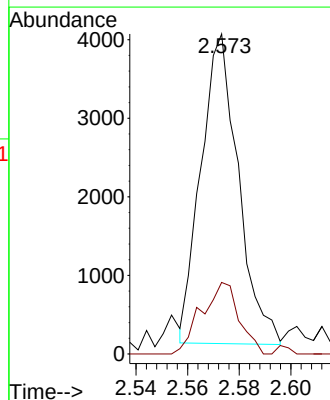
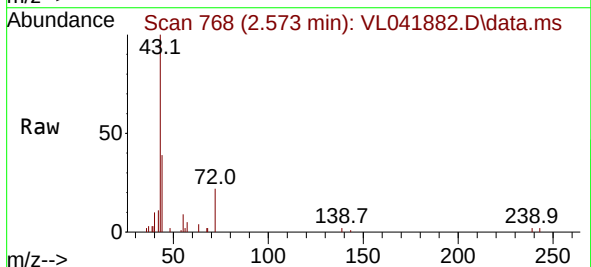
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

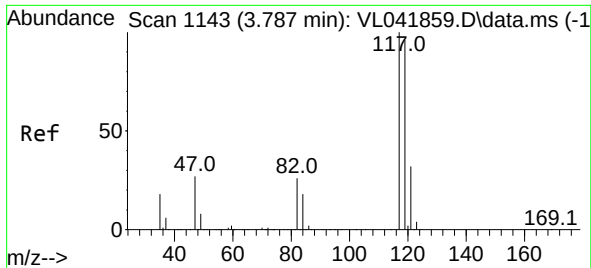
Tgt Ion:114 Resp: 347764
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.3 30.5
 88 18.4 14.6 21.8



#34
 2-Butanone
 Concen: 0.137 ppbv
 RT: 2.573 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion: 43 Resp: 3967
 Ion Ratio Lower Upper
 43 100
 72 24.1 18.5 27.7

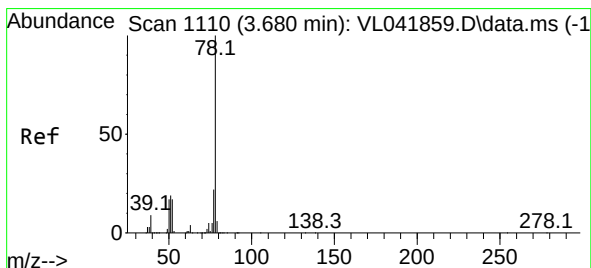
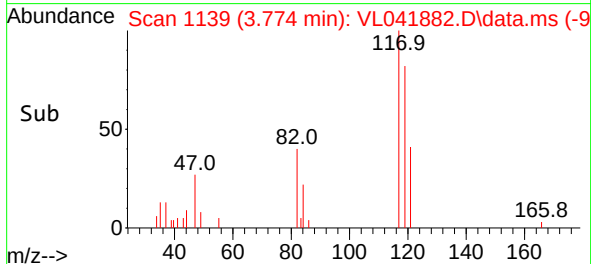
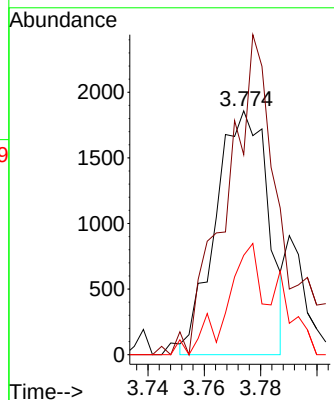
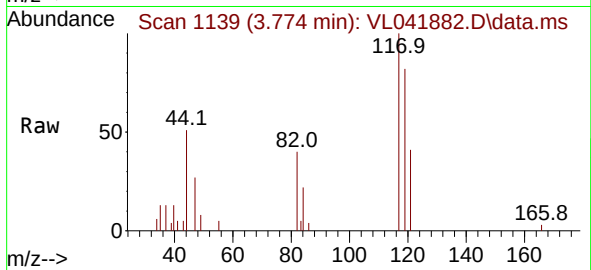




#35
Carbon Tetrachloride
Concen: 0.089 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

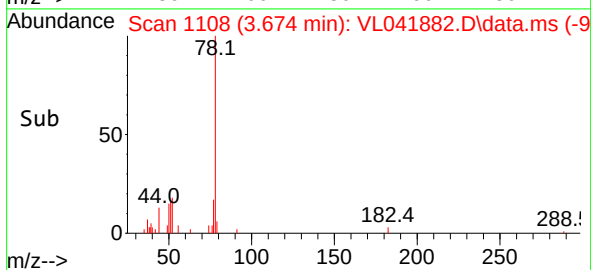
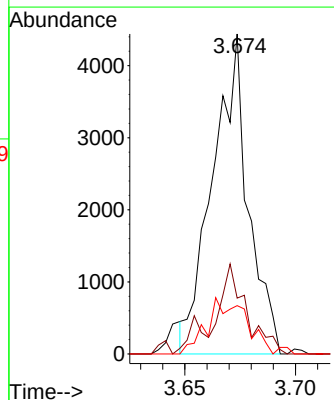
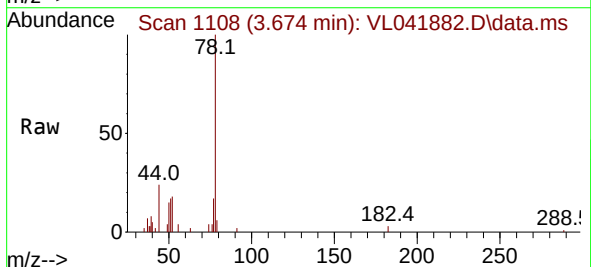
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

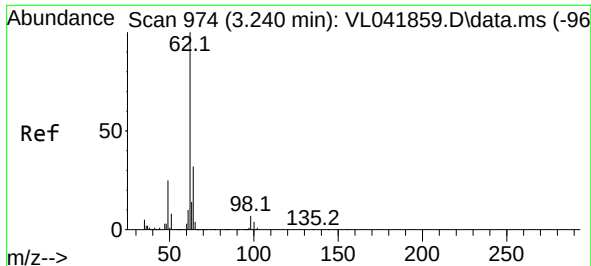
Tgt Ion:117 Resp: 2393
Ion Ratio Lower Upper
117 100
119 76.0 76.9 115.3#
121 36.3 25.9 38.9



#36
Benzene
Concen: 0.123 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 78 Resp: 4958
Ion Ratio Lower Upper
78 100
77 16.1 17.9 26.9#
50 15.1 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.137 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

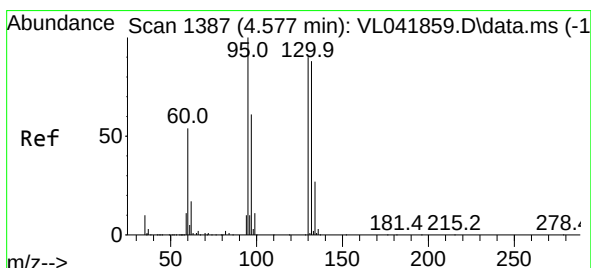
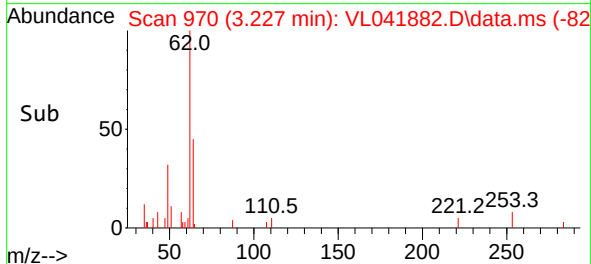
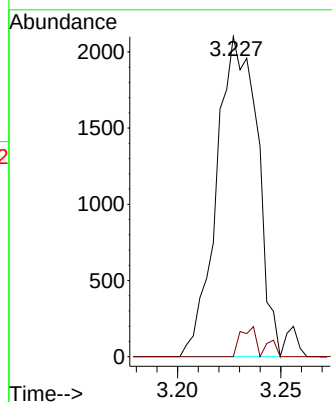
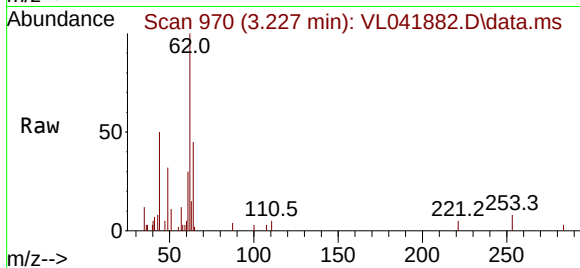
MDL 0.1

Tgt Ion: 62 Resp: 2893

Ion Ratio Lower Upper

62 100

98 4.7 5.6 8.4#



#38

Trichloroethene

Concen: 0.028 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. -0.026 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Tgt Ion: 130 Resp: 451

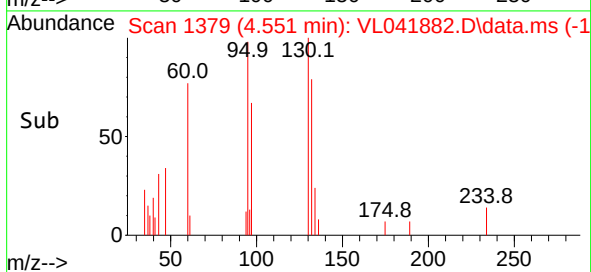
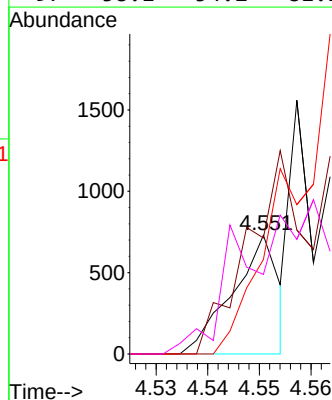
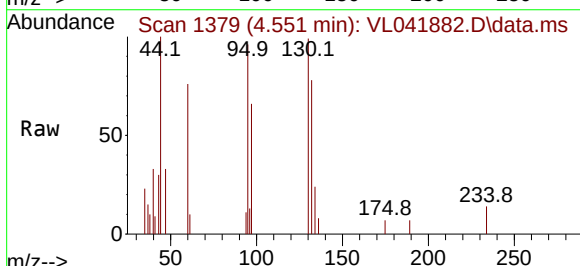
Ion Ratio Lower Upper

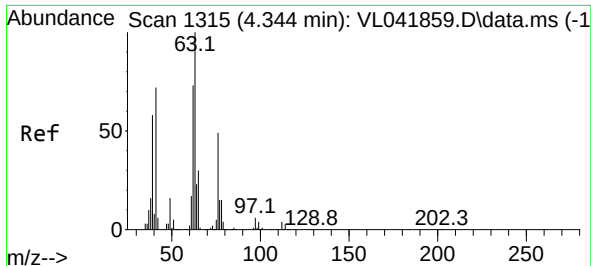
130 100

95 97.7 88.5 132.7

132 79.5 78.2 117.2

97 58.1 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.095 ppbv

RT: 4.327 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

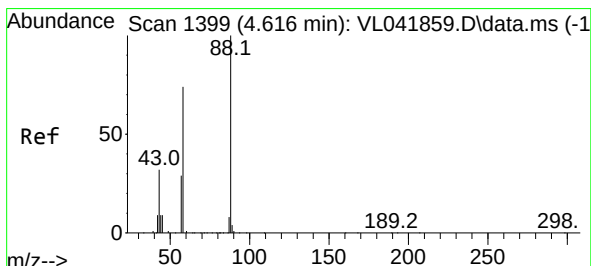
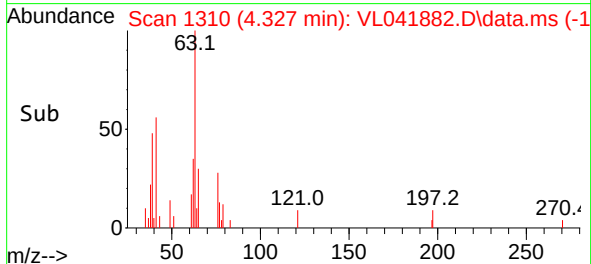
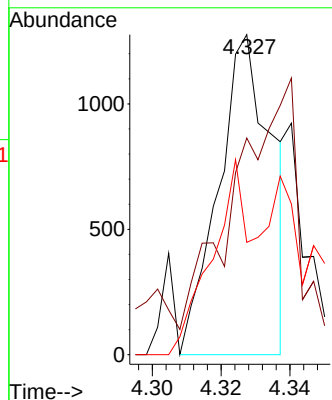
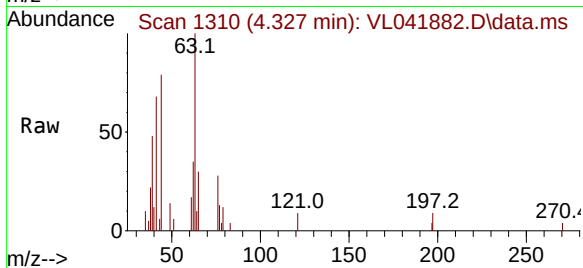
Tgt Ion: 63 Resp: 1358

Ion Ratio Lower Upper

63 100

41 56.7 58.0 87.0#

62 32.4 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.074 ppbv

RT: 4.638 min Scan# 1406

Delta R.T. 0.022 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Tgt Ion: 88 Resp: 535

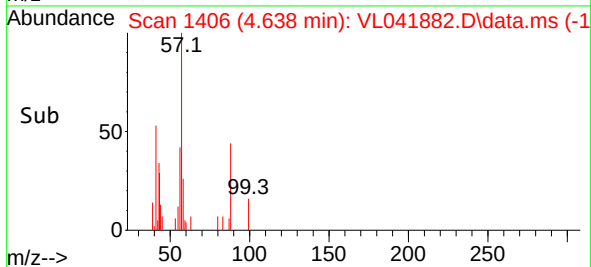
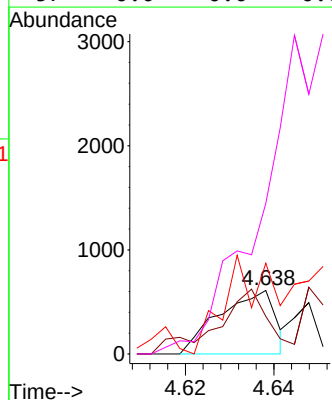
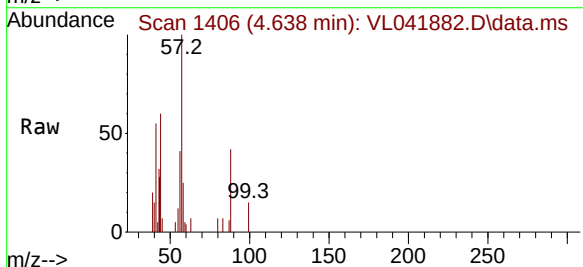
Ion Ratio Lower Upper

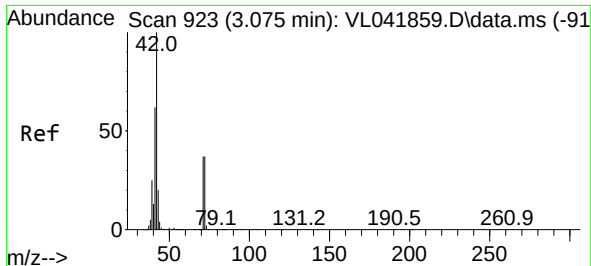
88 100

58 0.0 52.2 78.4#

43 47.1 0.0 0.0#

57 0.0 0.0 0.0

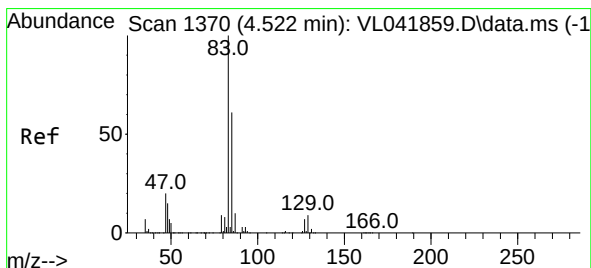
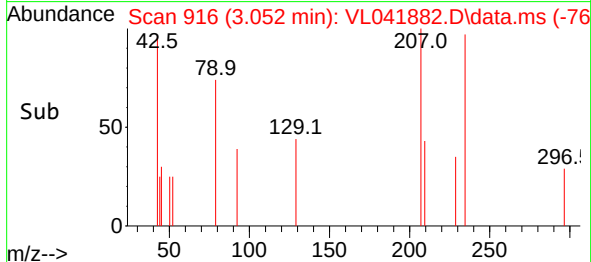
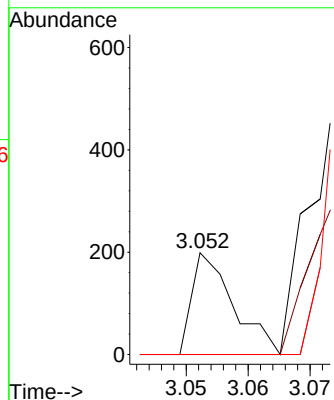
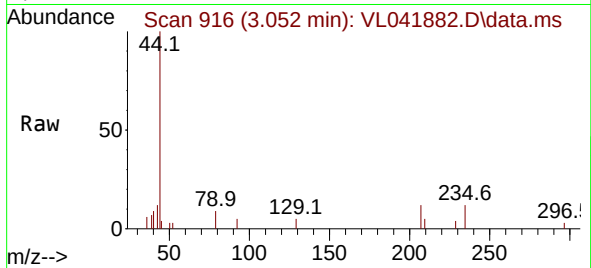




#41
Tetrahydrofuran
Concen: 0.005 ppbv
RT: 3.052 min Scan# 91
Delta R.T. -0.023 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

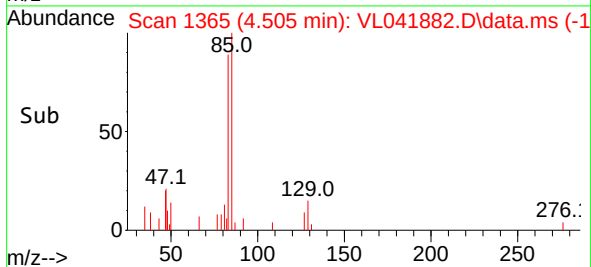
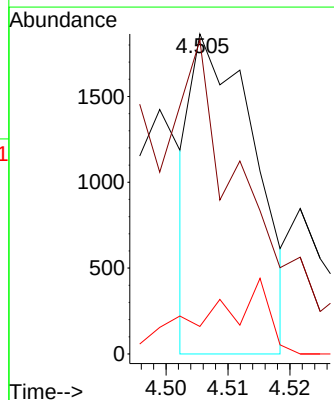
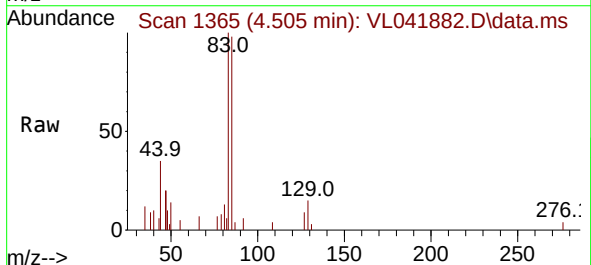
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

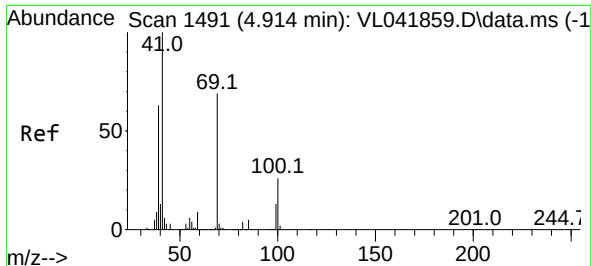
Tgt Ion: 42 Resp: 92
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.045 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 83 Resp: 1313
Ion Ratio Lower Upper
83 100
85 106.0 48.9 73.3#
127 8.6 5.4 8.2#

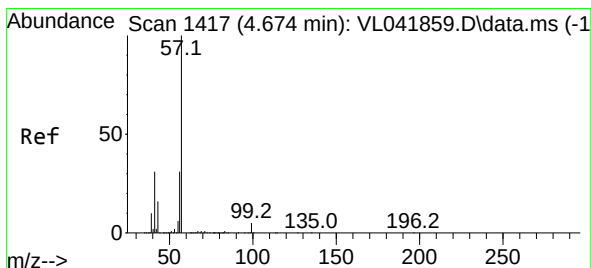
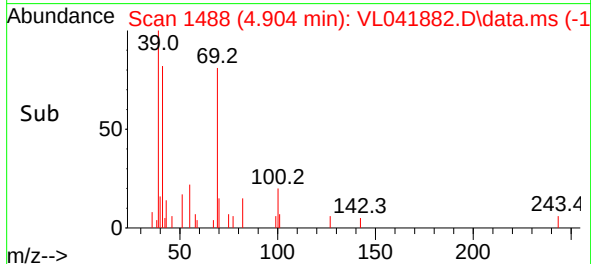
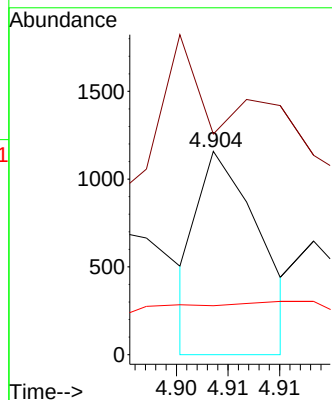
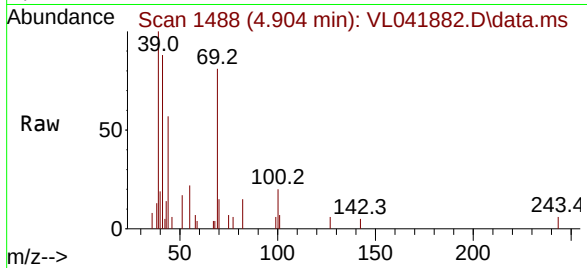




#43
Methyl Methacrylate
Concen: 0.029 ppbv
RT: 4.904 min Scan# 1491
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

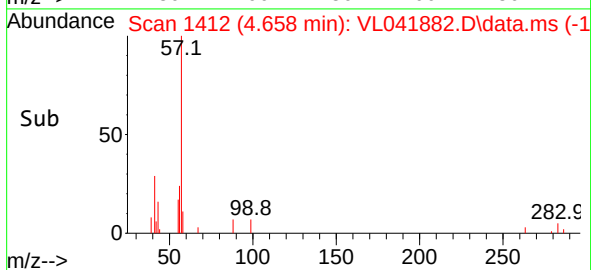
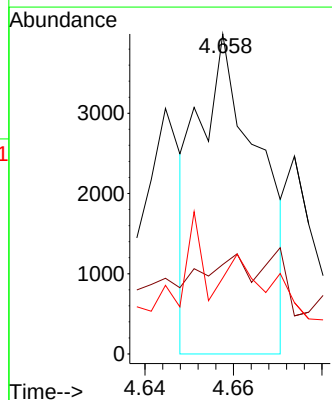
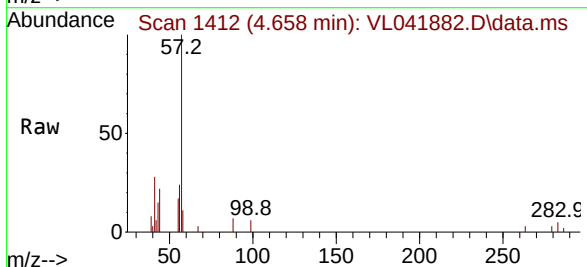
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

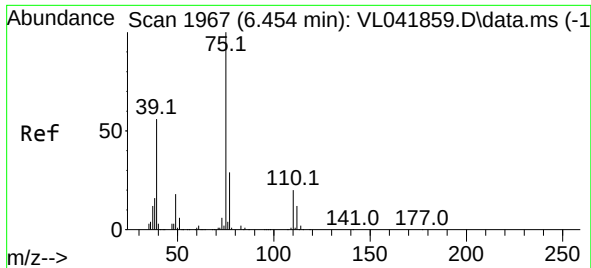
Tgt Ion: 69 Resp: 479
Ion Ratio Lower Upper
69 100
41 695.8 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.056 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 57 Resp: 3811
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 70.6 25.6 38.4#

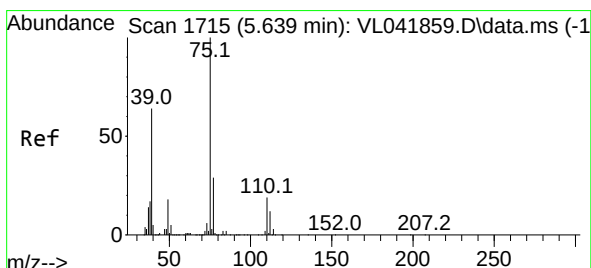
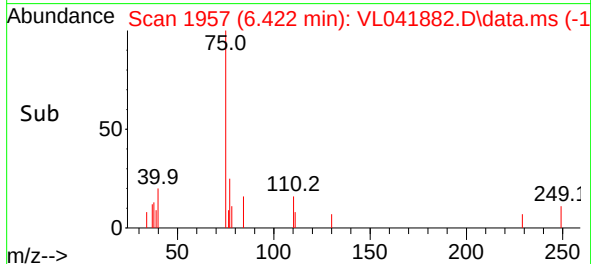
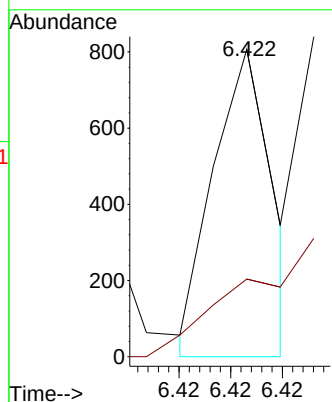
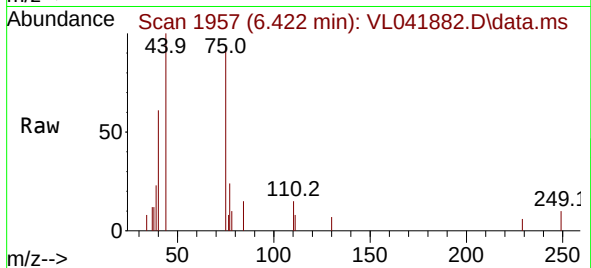




#45
 t-1,3-Dichloropropene
 Concen: 0.019 ppbv
 RT: 6.422 min Scan# 1967
 Delta R.T. -0.033 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

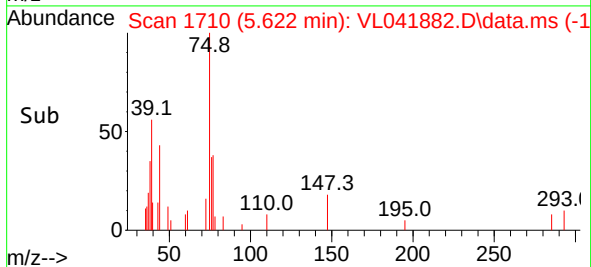
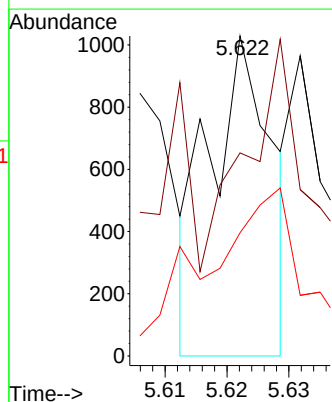
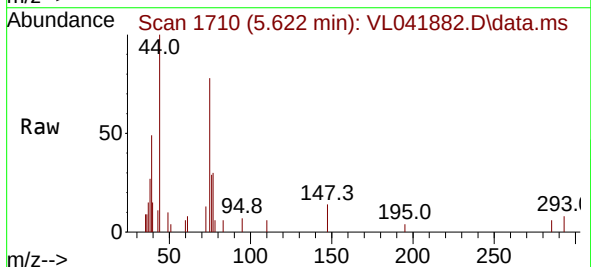
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

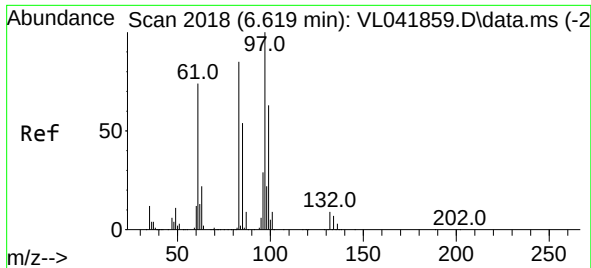
Tgt Ion: 75 Resp: 320
 Ion Ratio Lower Upper
 75 100
 77 25.3 23.4 35.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.033 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.016 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion: 75 Resp: 719
 Ion Ratio Lower Upper
 75 100
 39 0.0 51.4 77.2#
 77 7.6 23.0 34.4#

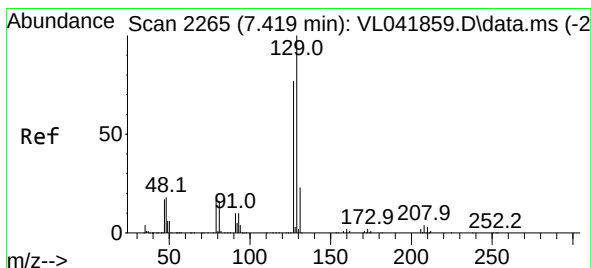
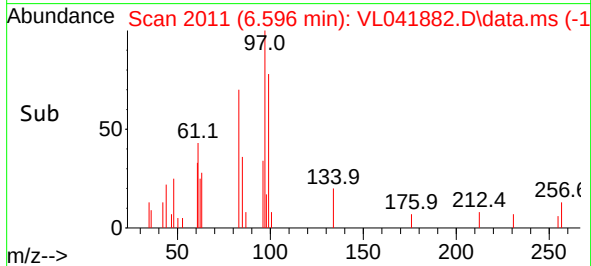
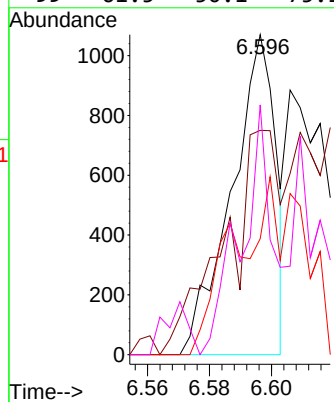
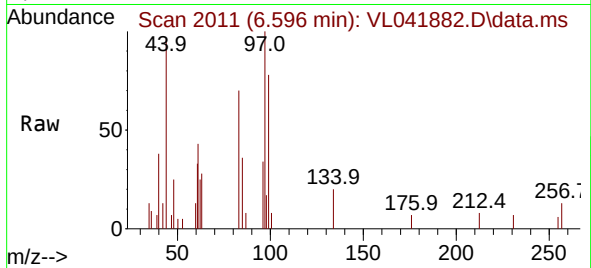




#47
1,1,2-Trichloroethane
Concen: 0.070 ppbv
RT: 6.596 min Scan# 2011
Delta R.T. -0.023 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

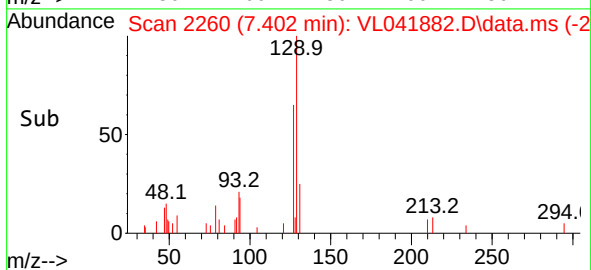
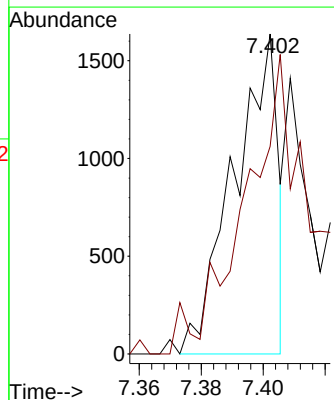
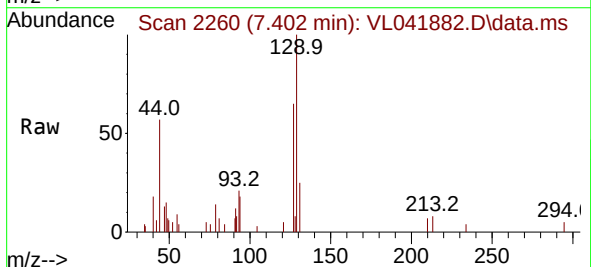
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

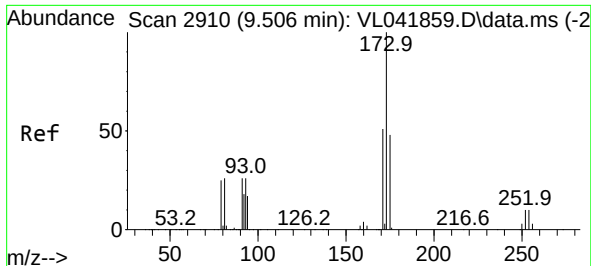
Tgt Ion: 97	Resp:	1060	
Ion	Ratio	Lower	Upper
97	100		
83	58.2	68.1	102.1#
85	36.3	43.4	65.2#
99	61.5	50.1	75.1



#48
Dibromochloromethane
Concen: 0.070 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:129	Resp:	1613	
Ion	Ratio	Lower	Upper
129	100		
127	131.1	39.4	118.1#

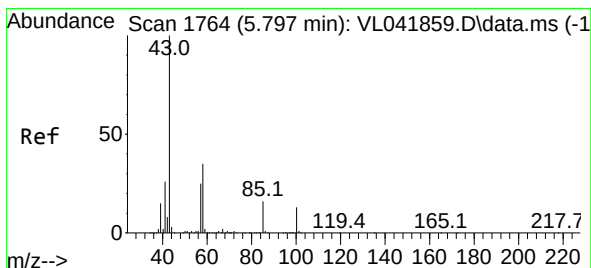
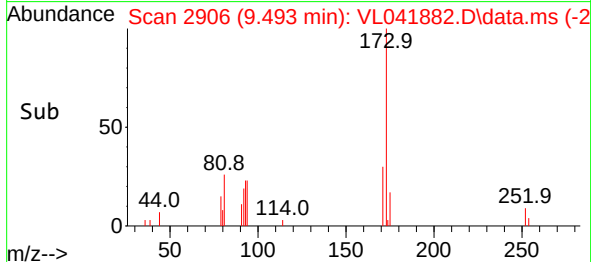
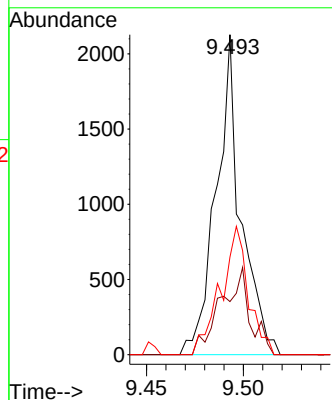
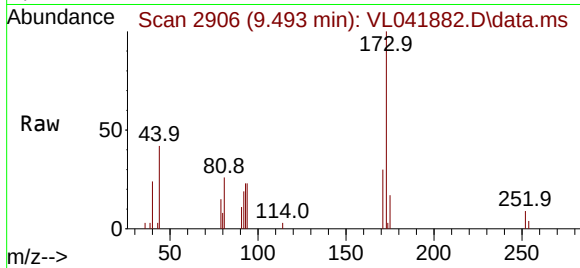




#49
Bromoform
Concen: 0.095 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

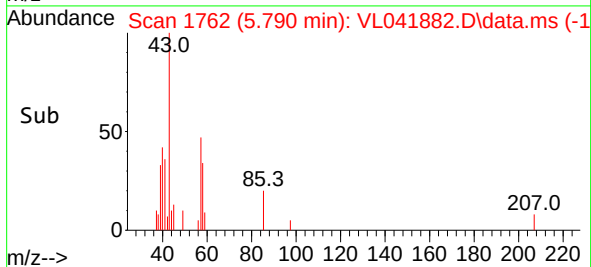
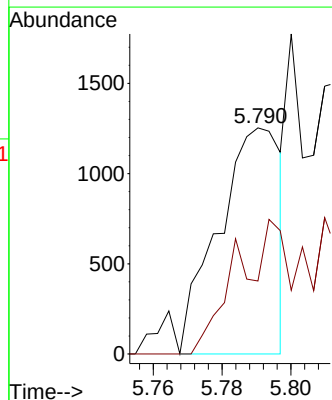
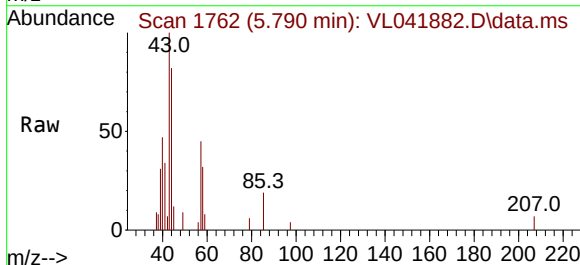
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

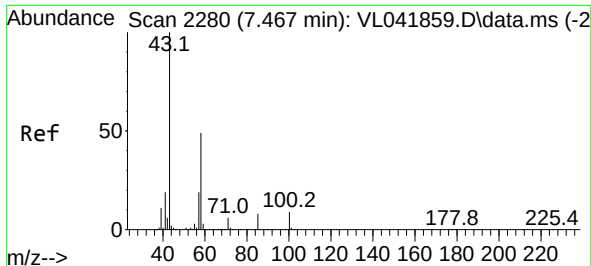
Tgt Ion:173 Resp: 1894
Ion Ratio Lower Upper
173 100
175 32.0 38.2 57.2#
171 44.8 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 0.038 ppbv
RT: 5.790 min Scan# 1762
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

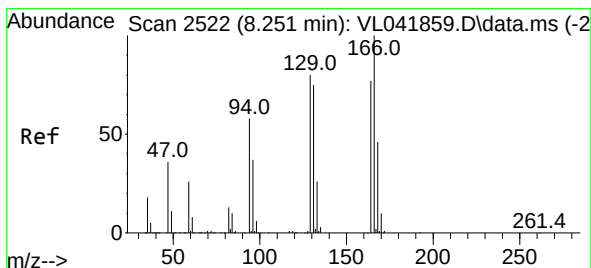
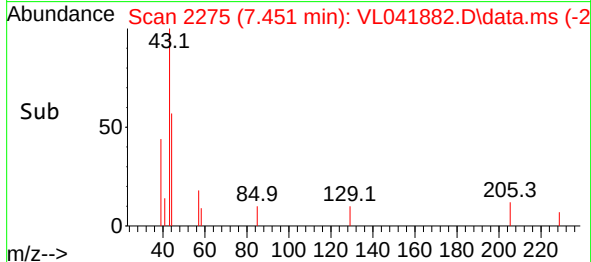
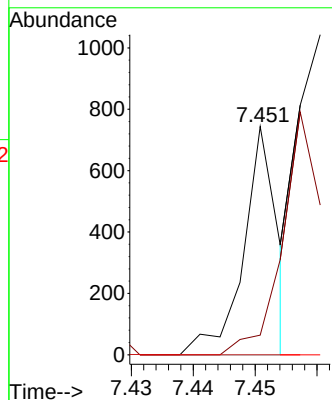
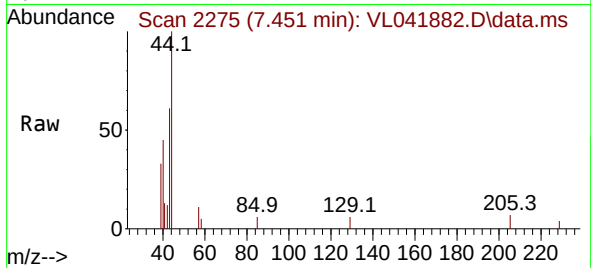




#51
2-Hexanone
Concen: 0.008 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

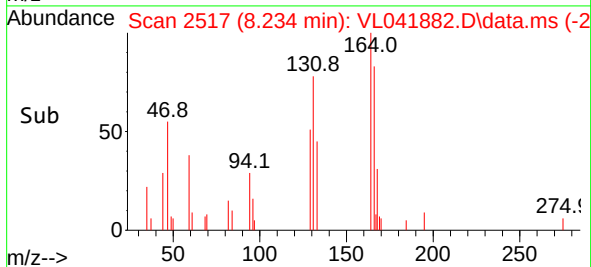
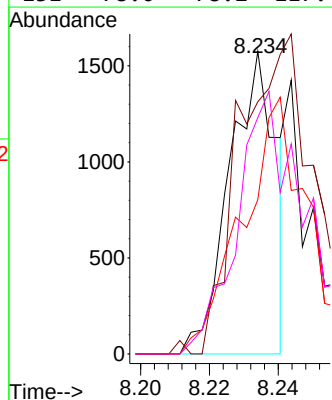
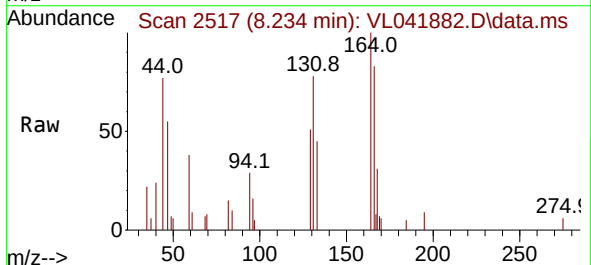
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

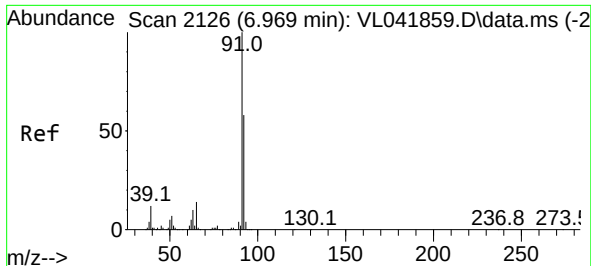
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.096 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 164 Resp: 1478
Ion Ratio Lower Upper
164 100
166 78.9 103.6 155.4#
129 51.0 82.6 123.8#
131 78.0 78.2 117.4#

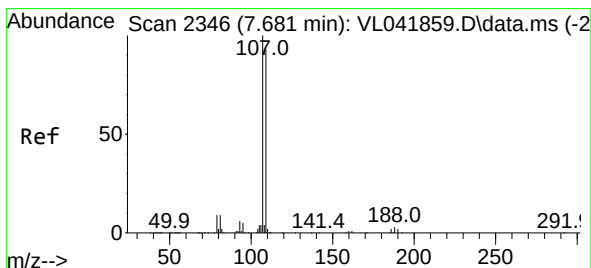
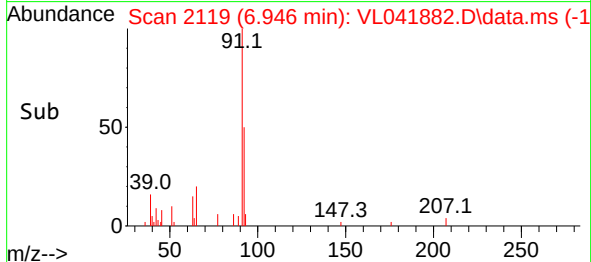
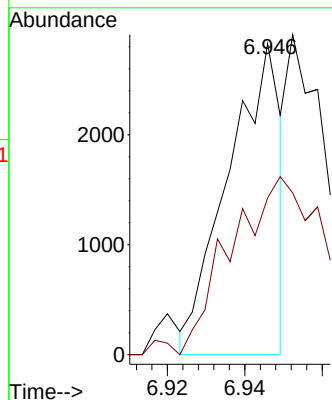
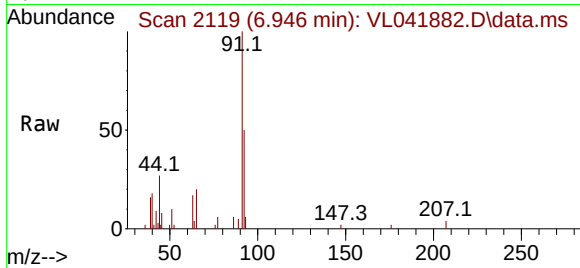




#53
Toluene
Concen: 0.055 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.023 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

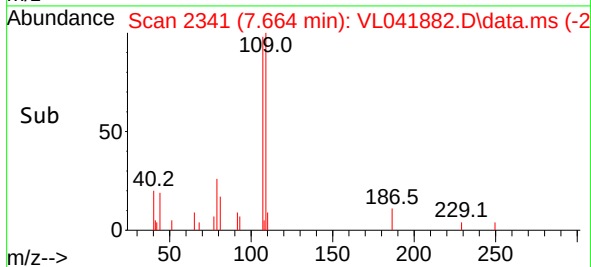
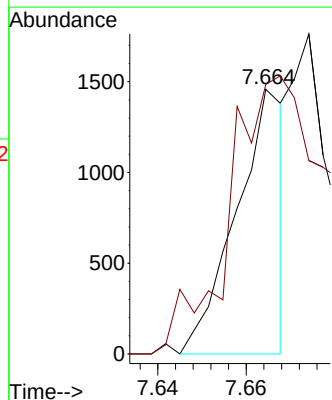
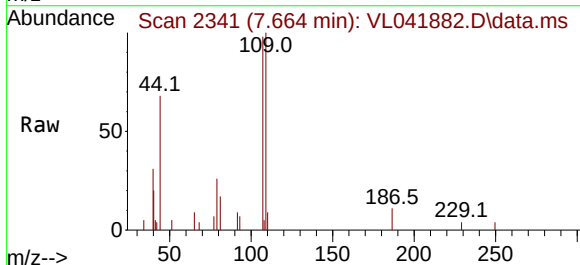
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

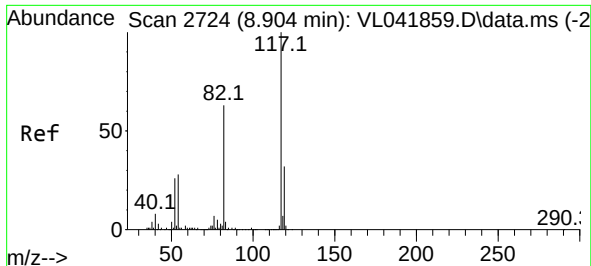
Tgt Ion: 91 Resp: 2661
Ion Ratio Lower Upper
91 100
92 0.0 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.053 ppbv
RT: 7.664 min Scan# 2341
Delta R.T. -0.016 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 107 Resp: 1091
Ion Ratio Lower Upper
107 100
109 77.4 74.6 112.0

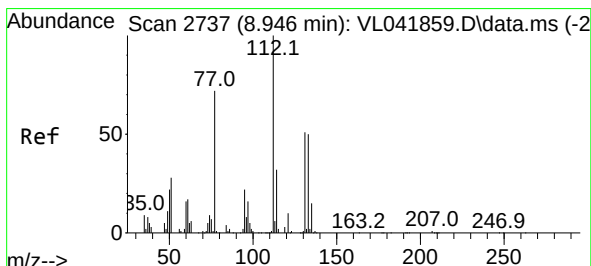
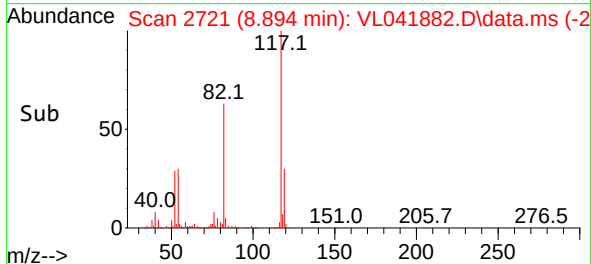
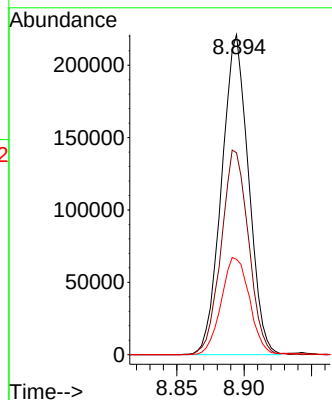
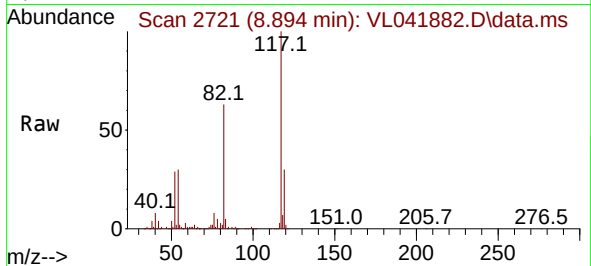




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

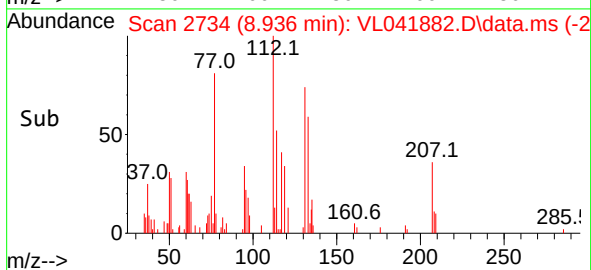
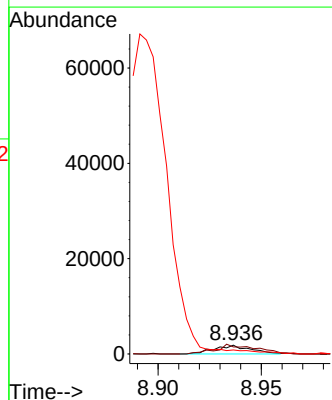
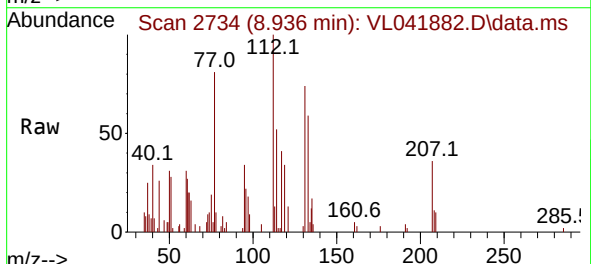
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

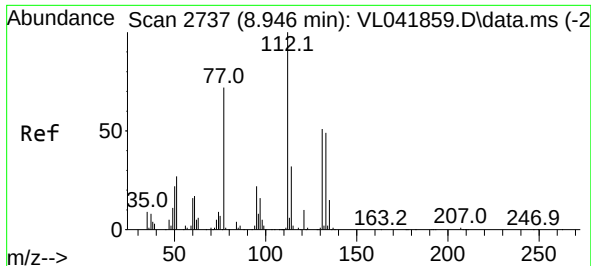
Tgt Ion:117 Resp: 306857
Ion Ratio Lower Upper
117 100
82 65.1 54.5 81.7
119 32.3 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.124 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:131 Resp: 2262
Ion Ratio Lower Upper
131 100
133 118.9 77.4 116.2#
119 0.0 49.4 74.0#

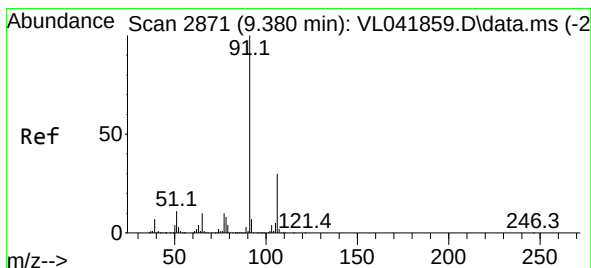
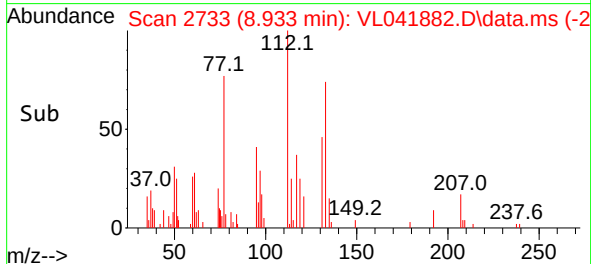
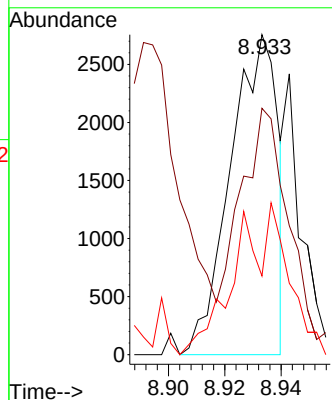
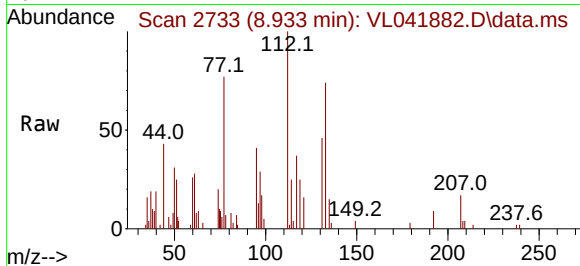




#57
Chlorobenzene
Concen: 0.094 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

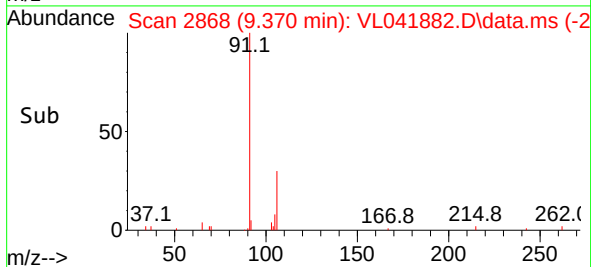
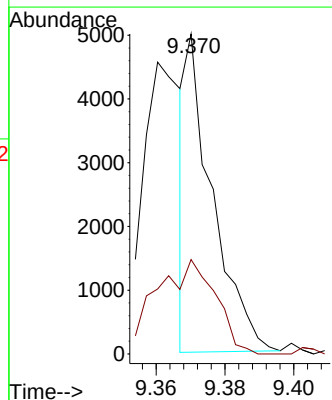
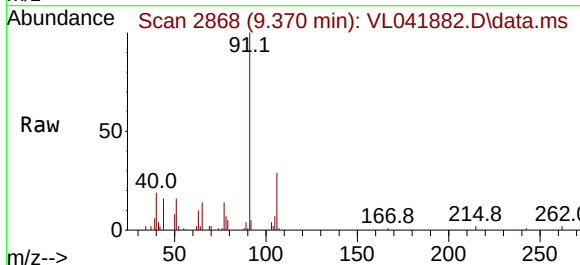
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

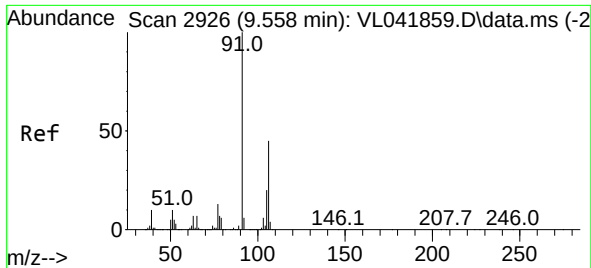
Tgt Ion:112 Resp: 3219
Ion Ratio Lower Upper
112 100
77 28.7 58.3 87.5#
114 24.6 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.042 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 91 Resp: 2650
Ion Ratio Lower Upper
91 100
106 28.4 24.2 36.2

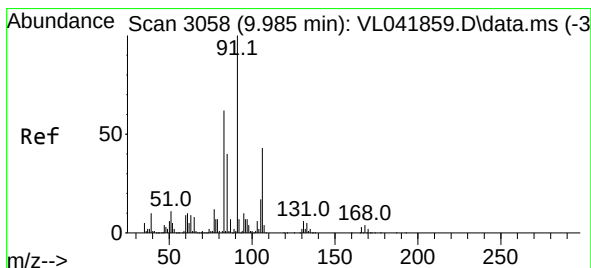
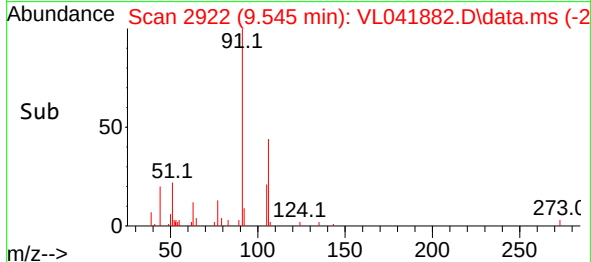
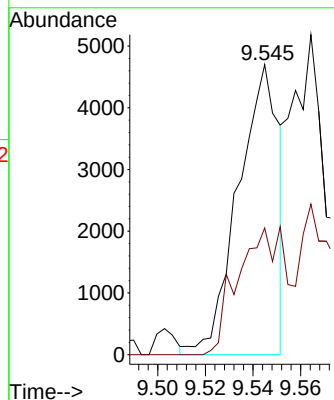
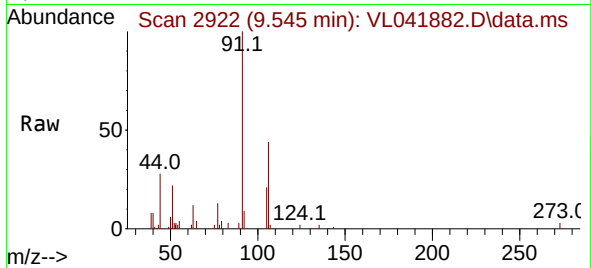




#59
m/p-Xylene
Concen: 0.111 ppbv
RT: 9.545 min Scan# 2926
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

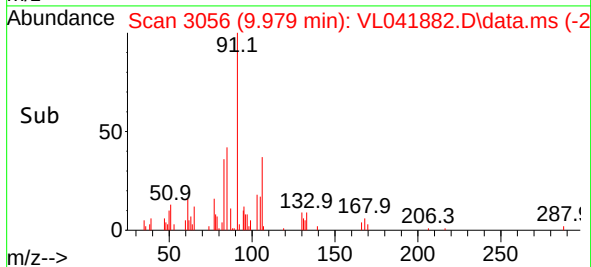
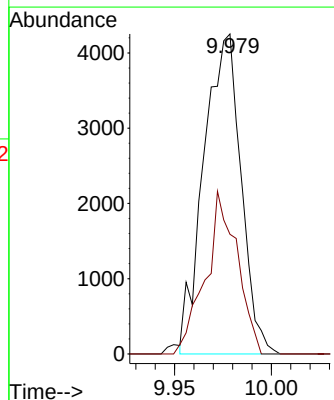
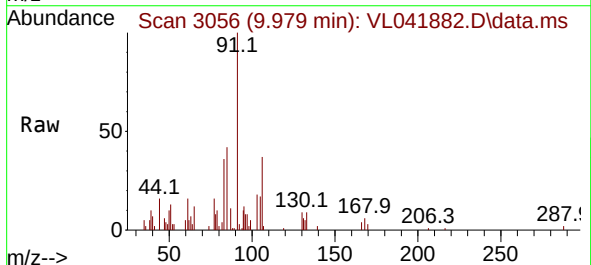
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

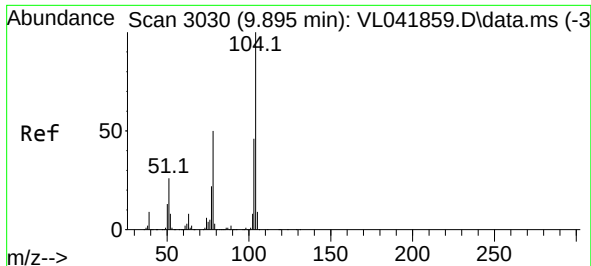
Tgt Ion: 91 Resp: 5534
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.114 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 91 Resp: 5689
Ion Ratio Lower Upper
91 100
106 43.2 21.4 64.3

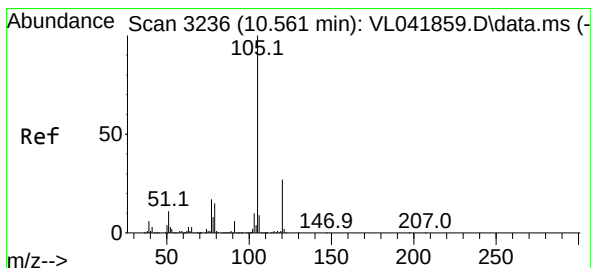
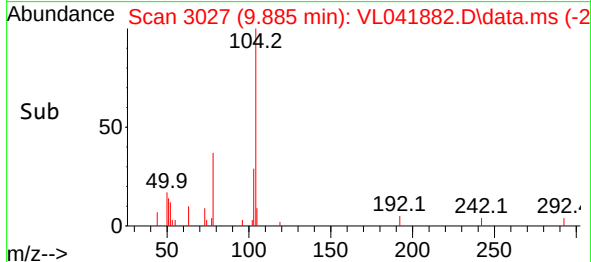
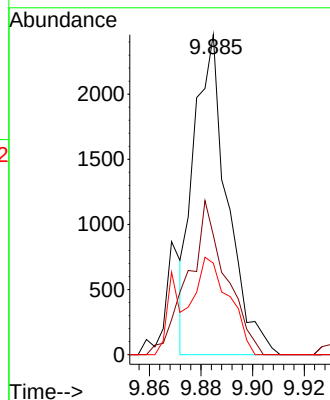
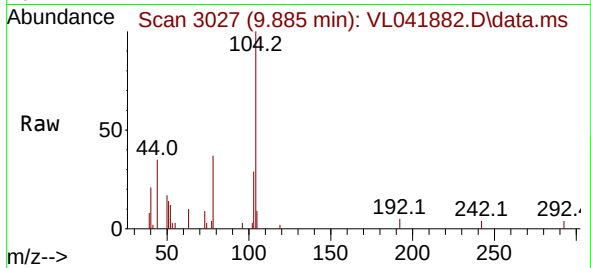




#61
Styrene
Concen: 0.089 ppbv
RT: 9.885 min Scan# 3030
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

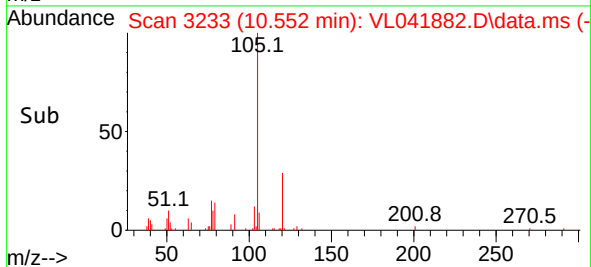
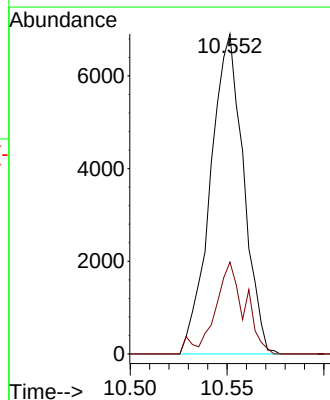
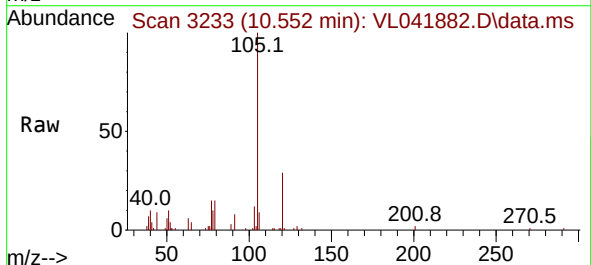
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

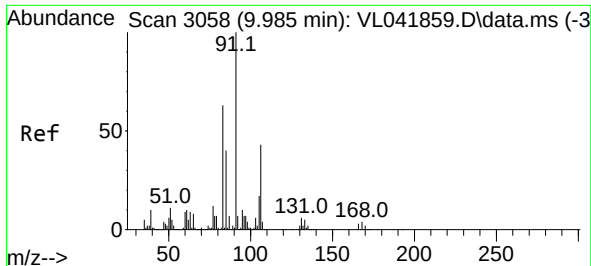
Tgt Ion:104 Resp: 2212
Ion Ratio Lower Upper
104 100
78 54.3 40.7 61.1
103 41.7 37.0 55.6



#62
Isopropylbenzene
Concen: 0.110 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:105 Resp: 8208
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.075 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.013 min

Lab File: VL041882.D

Acq: 09 Jan 2025 23:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

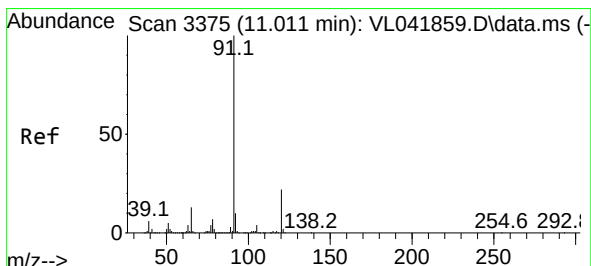
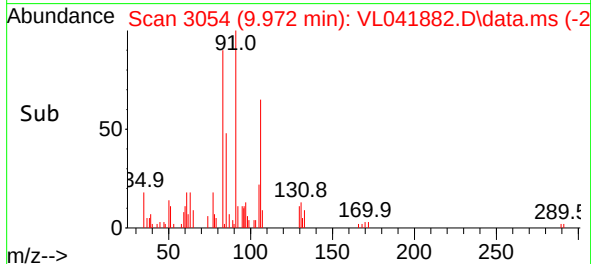
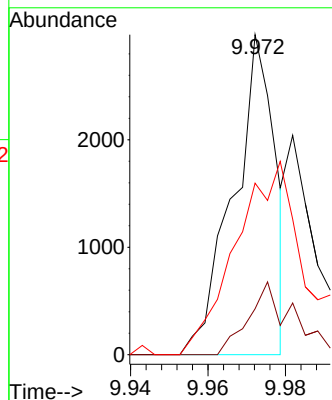
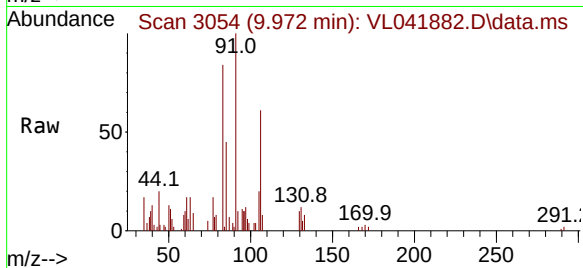
Tgt Ion: 83 Resp: 2236

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.1 96.3#



#64

n-propylbenzene

Concen: 0.033 ppbv

RT: 11.001 min Scan# 3372

Delta R.T. -0.010 min

Lab File: VL041882.D

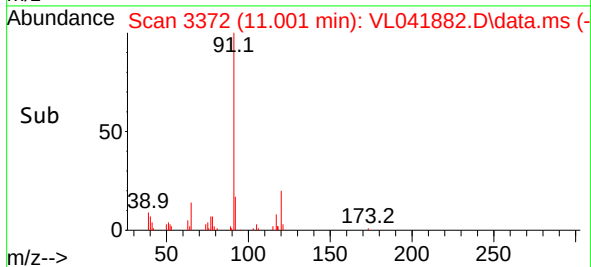
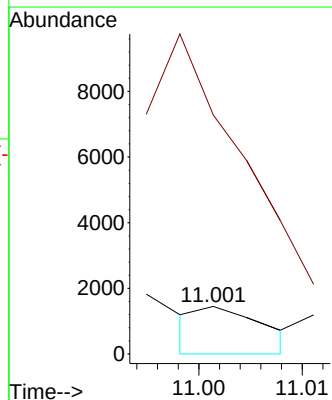
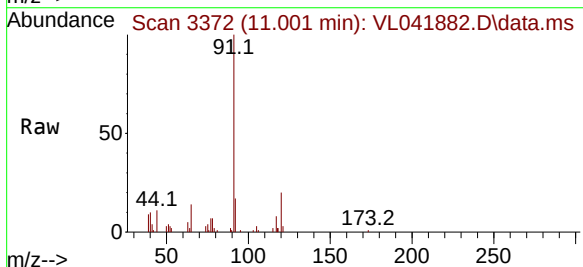
Acq: 09 Jan 2025 23:47

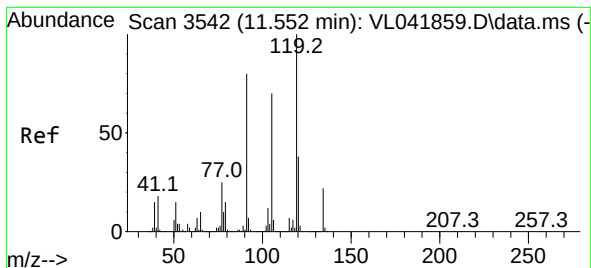
Tgt Ion: 120 Resp: 635

Ion Ratio Lower Upper

120 100

91 1506.5 376.9 565.3#

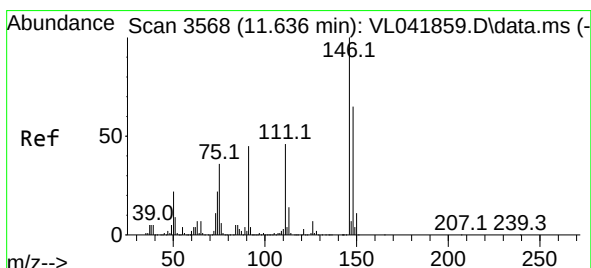
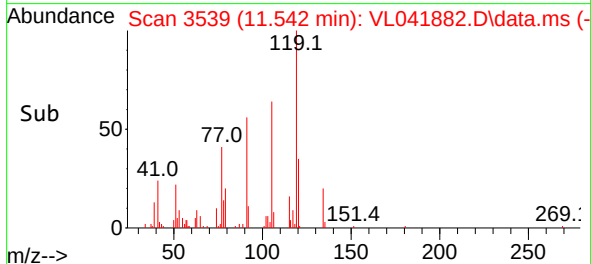
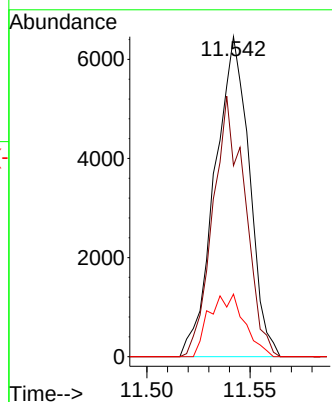
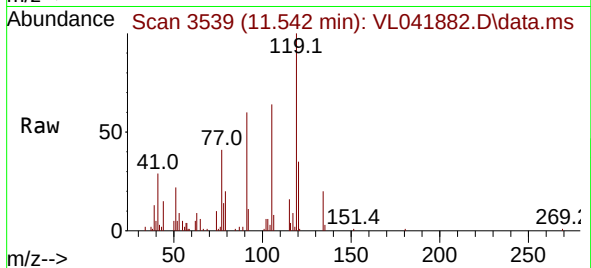




#65
tert-Butylbenzene
Concen: 0.110 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

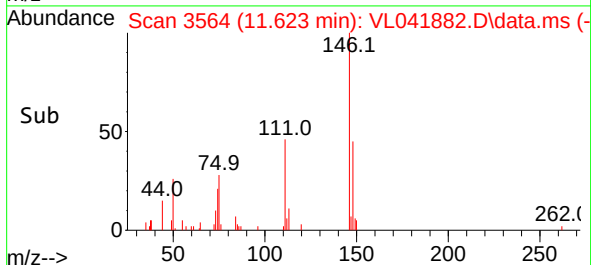
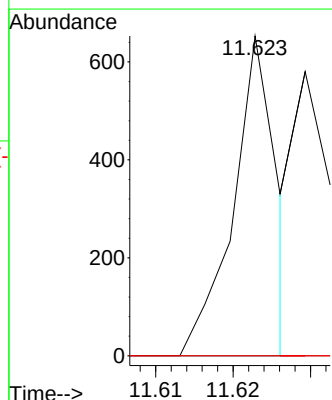
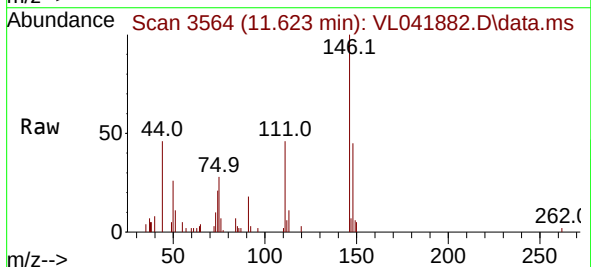
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

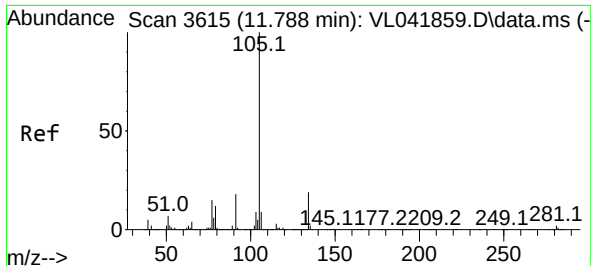
Tgt Ion:	119	Resp:	7485
Ion	Ratio	Lower	Upper
119	100		
91	75.7	64.6	97.0
134	20.0	16.9	25.3



#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:	91	Resp:	257
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.8	7.2#

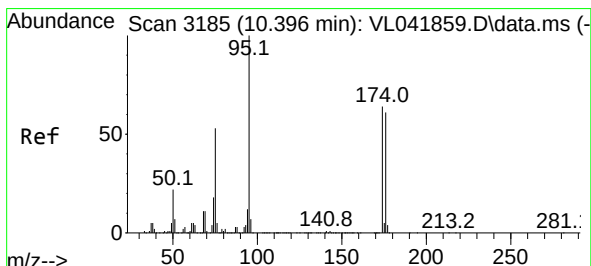
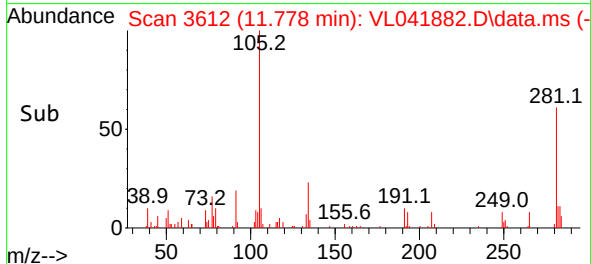
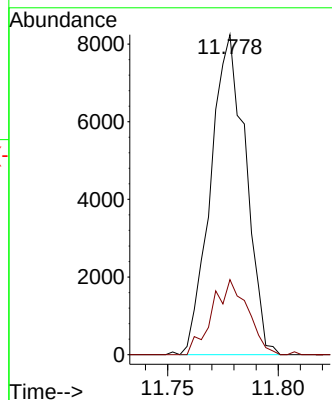
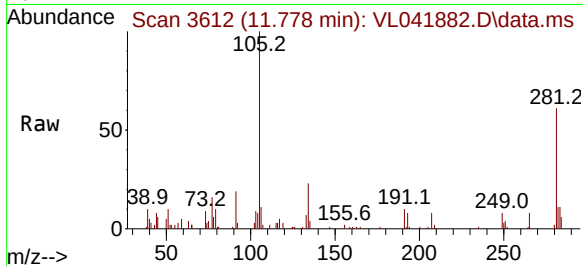




#67
sec-Butylbenzene
Concen: 0.097 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

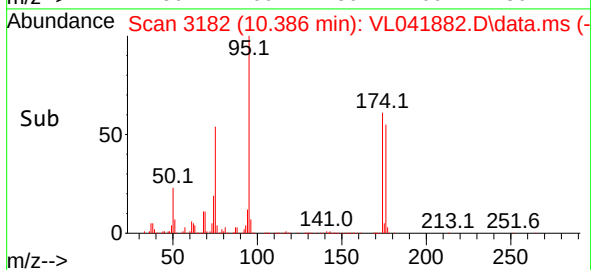
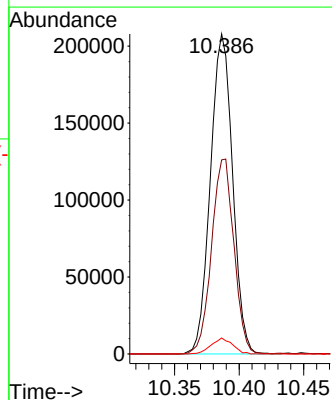
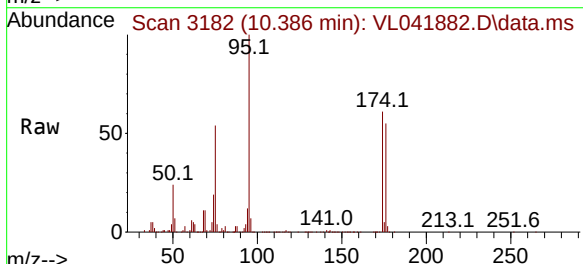
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

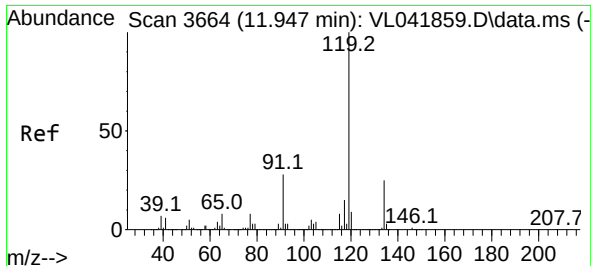
Tgt Ion:105 Resp: 9095
Ion Ratio Lower Upper
105 100
134 23.9 15.4 23.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.096 ppbv
RT: 10.386 min Scan# 3182
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 95 Resp: 248419
Ion Ratio Lower Upper
95 100
174 61.6 51.1 76.7
175 4.8 3.8 5.8

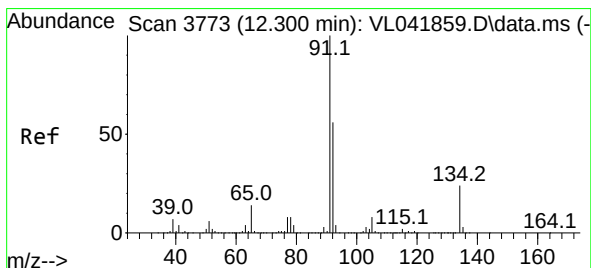
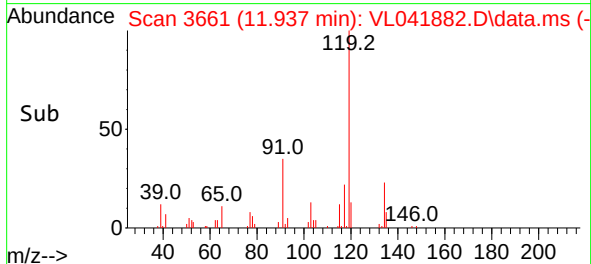
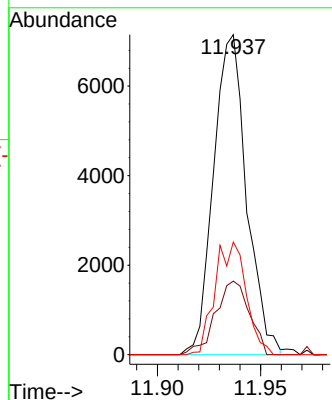
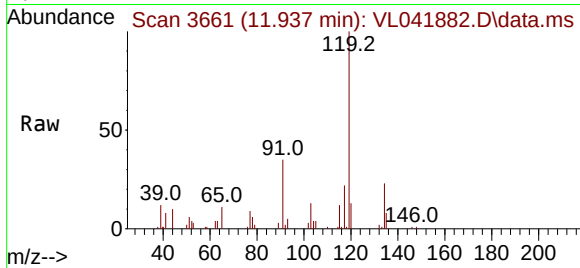




#69
p-Isopropyltoluene
Concen: 0.100 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

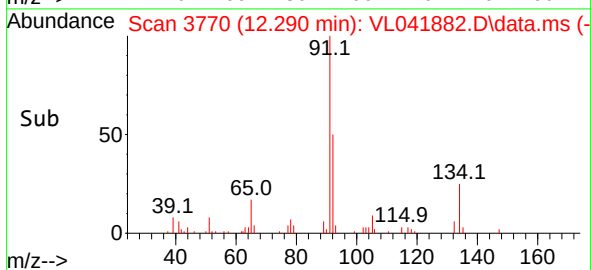
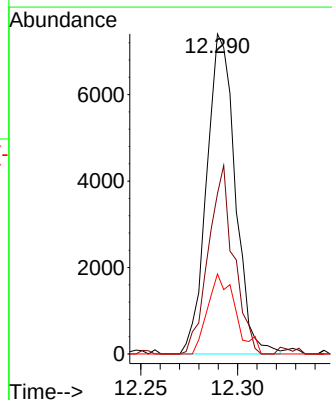
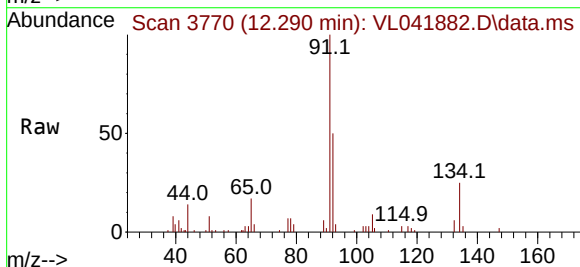
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

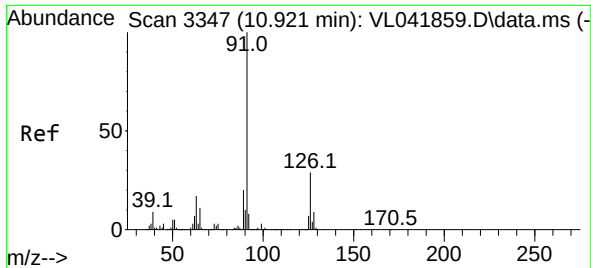
Tgt Ion:	119	Resp:	7947
Ion	Ratio	Lower	Upper
119	100		
134	23.6	20.3	30.5
91	33.3	22.6	34.0



#70
n-Butylbenzene
Concen: 0.095 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:	91	Resp:	7611
Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.8	65.8
134	24.1	19.3	28.9

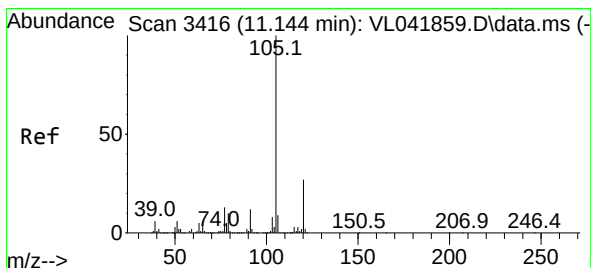
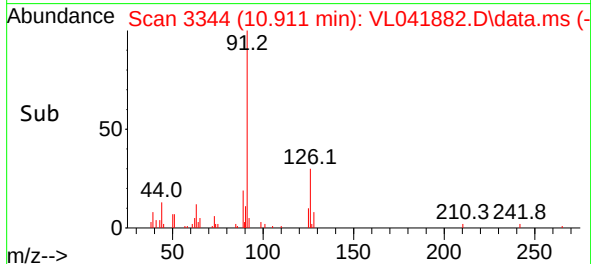
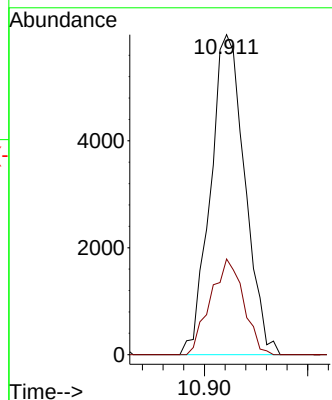
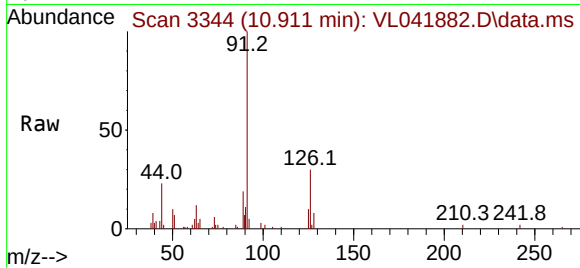




#71
2-Chlorotoluene
Concen: 0.119 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

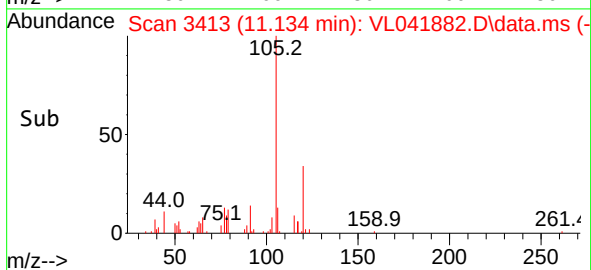
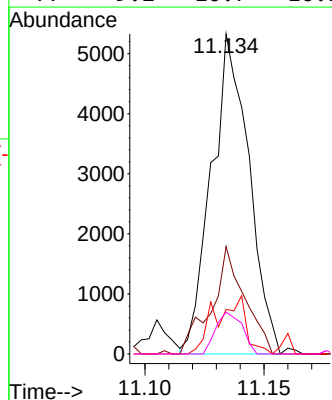
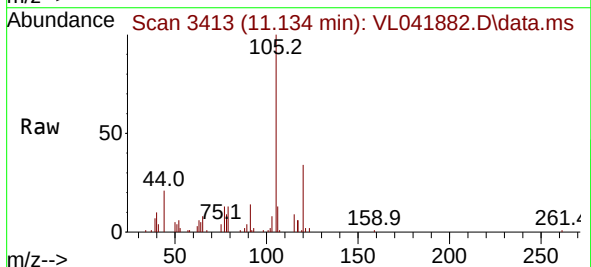
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

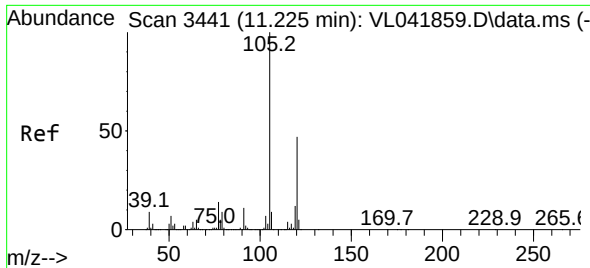
Tgt Ion: 91 Resp: 6921
Ion Ratio Lower Upper
91 100
126 28.8 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.095 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion: 105 Resp: 5819
Ion Ratio Lower Upper
105 100
120 30.2 23.5 35.3
91 16.4 9.8 14.8#
77 9.2 10.7 16.1#

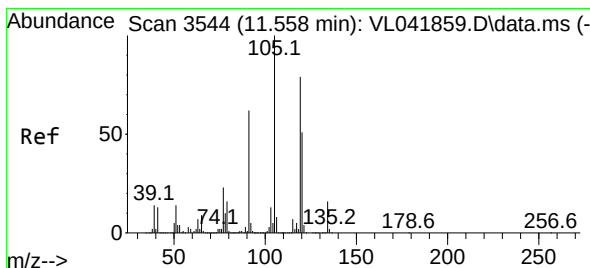
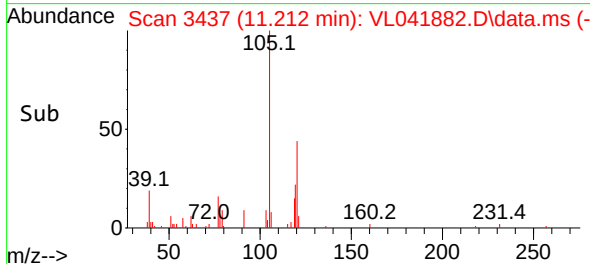
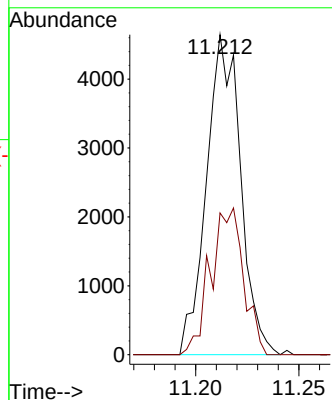
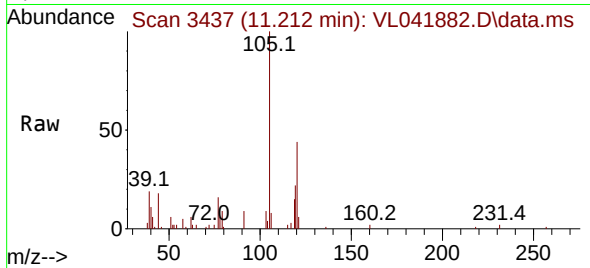




#73
 1,3,5-Trimethylbenzene
 Concen: 0.103 ppbv
 RT: 11.212 min Scan# 3441
 Delta R.T. -0.013 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

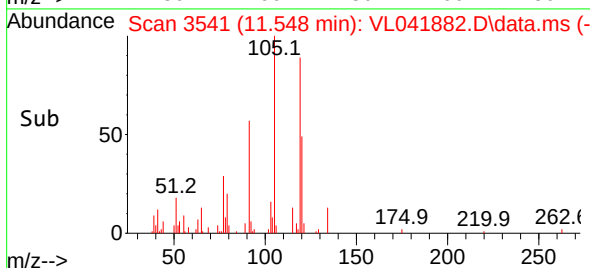
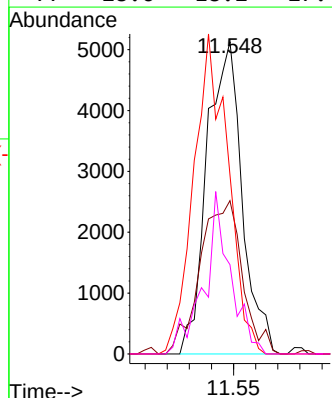
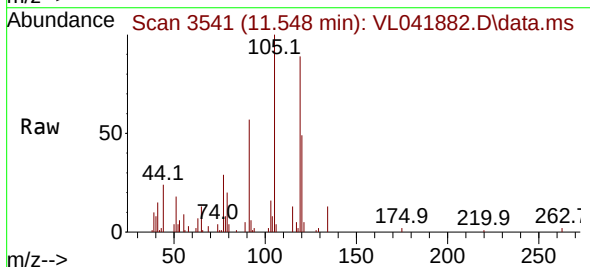
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

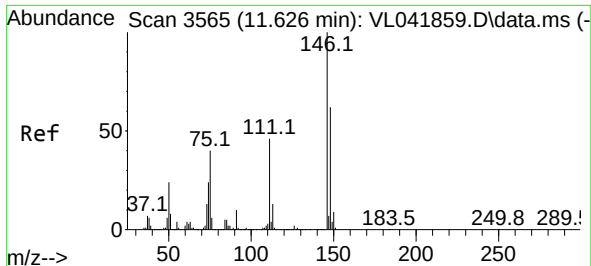
Tgt Ion:105 Resp: 5314
 Ion Ratio Lower Upper
 105 100
 120 44.3 37.2 55.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.101 ppbv
 RT: 11.548 min Scan# 3541
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Tgt Ion:105 Resp: 5664
 Ion Ratio Lower Upper
 105 100
 120 48.0 41.1 61.7
 91 57.4 50.0 75.0
 77 28.6 18.2 27.4#

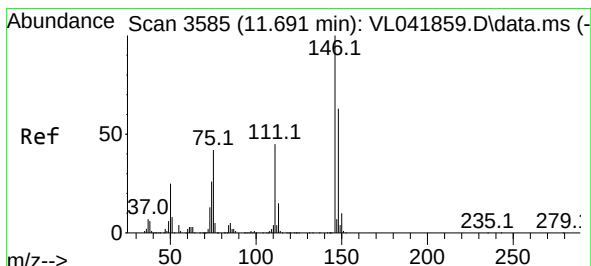
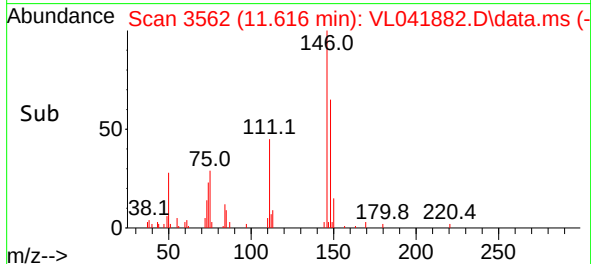
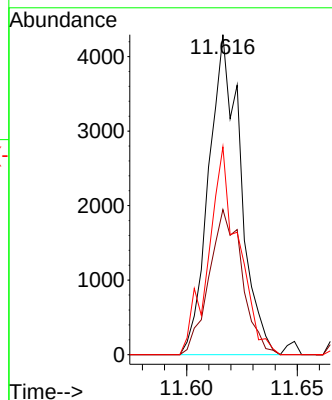
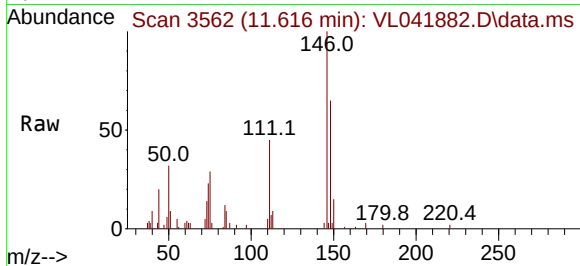




#75
1,3-Dichlorobenzene
Concen: 0.127 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

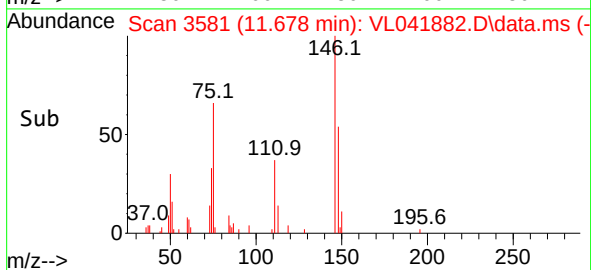
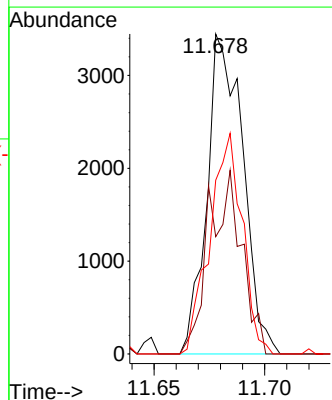
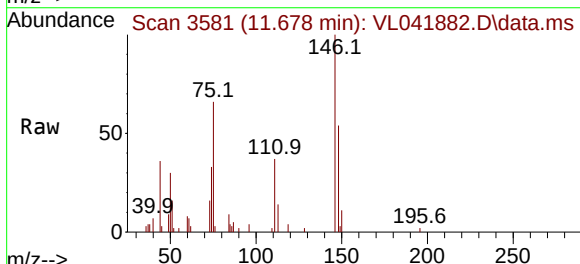
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

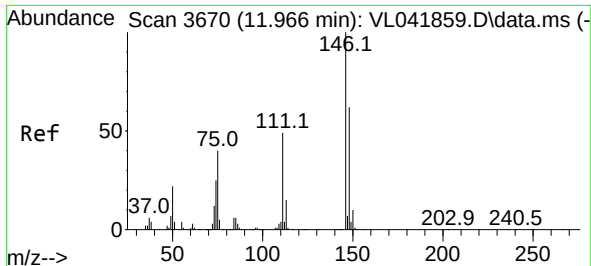
Tgt Ion:146 Resp: 4287
Ion Ratio Lower Upper
146 100
111 47.1 23.2 69.5
148 61.2 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.116 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.013 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:146 Resp: 3888
Ion Ratio Lower Upper
146 100
111 52.6 22.1 66.1
148 62.6 31.2 93.6

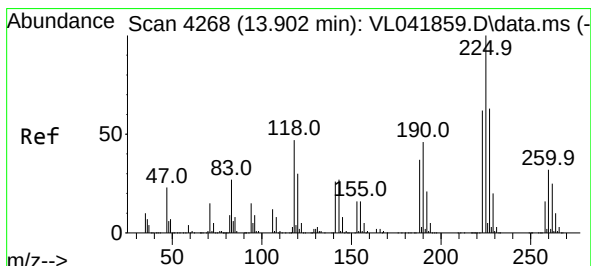
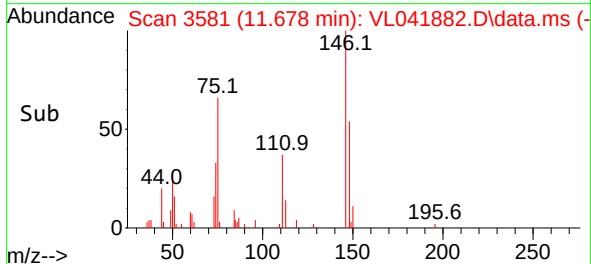
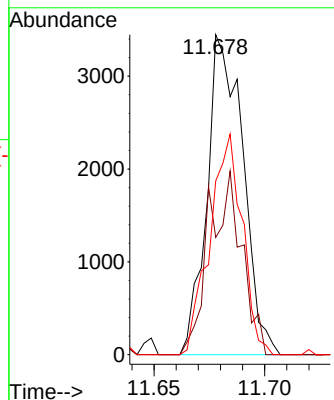
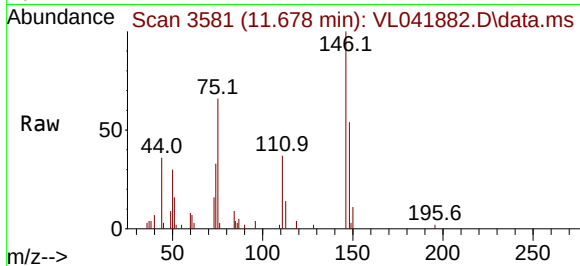




#77
1,2-Dichlorobenzene
Concen: 0.122 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.288 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

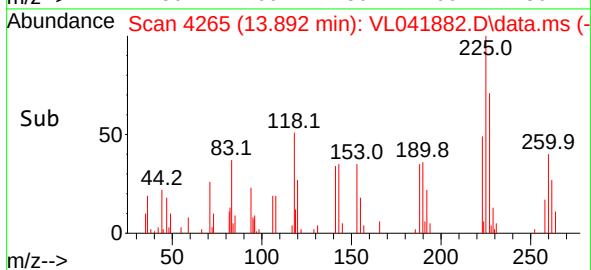
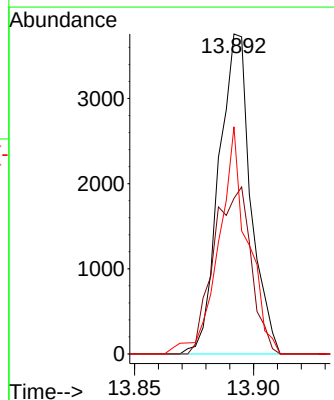
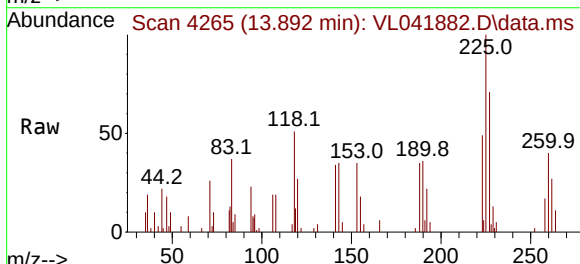
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

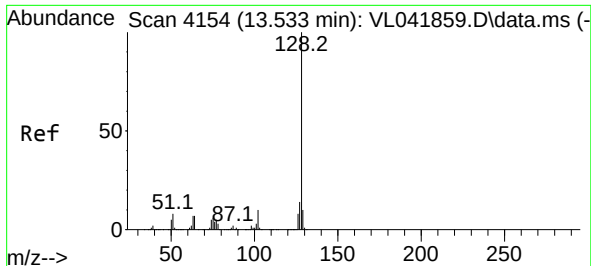
Tgt Ion:	146	Resp:	3888
Ion	Ratio	Lower	Upper
146	100		
111	52.6	24.1	72.3
148	62.6	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.128 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

Tgt Ion:	225	Resp:	3493
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	75.8
227	64.2	50.9	76.3

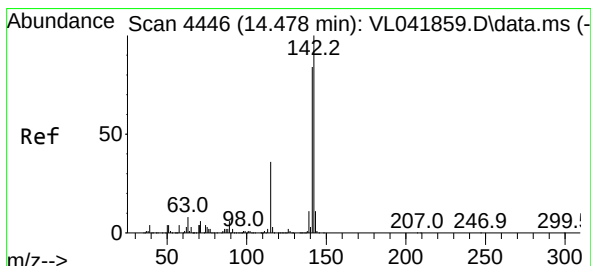
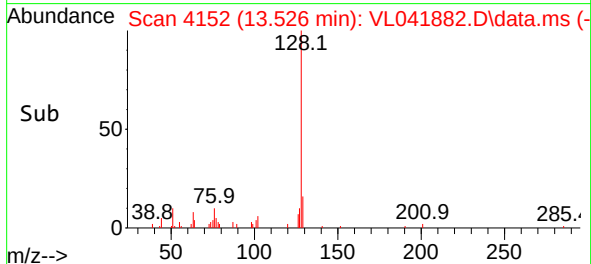
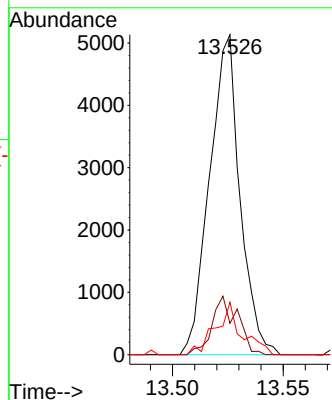
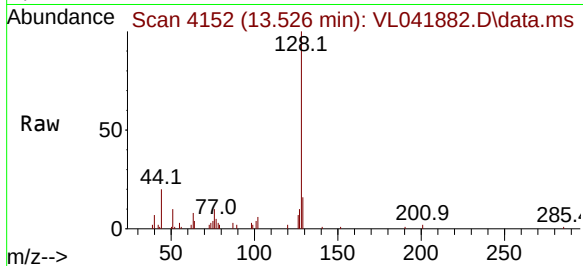




#79
Naphthalene
Concen: 0.081 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

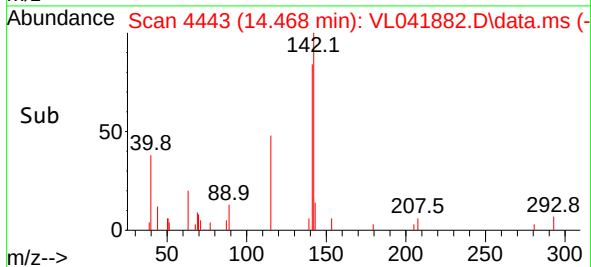
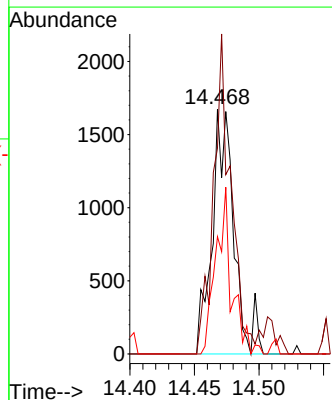
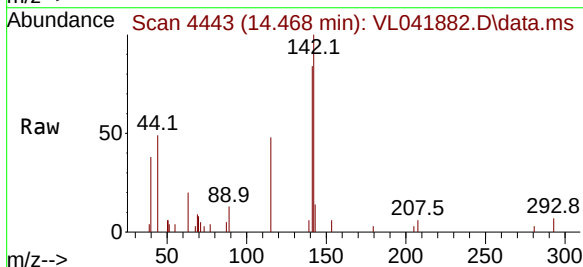
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

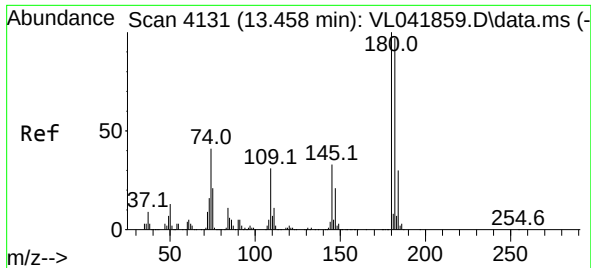
Tgt Ion:128 Resp: 4908
Ion Ratio Lower Upper
128 100
127 9.8 10.8 16.2#
129 16.4 8.2 12.4#



#80
Naphthalene,2-methyl-
Concen: 0.060 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.010 min
Lab File: VL041882.D
Acq: 09 Jan 2025 23:47

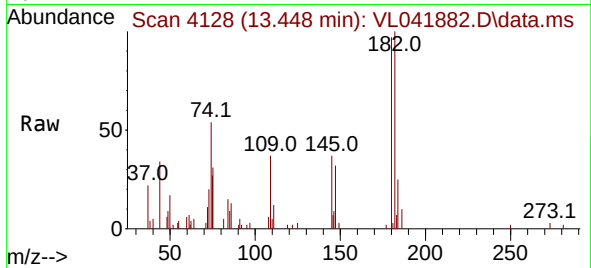
Tgt Ion:142 Resp: 1952
Ion Ratio Lower Upper
142 100
141 104.9 68.2 102.4#
115 51.7 29.4 44.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.113 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL041882.D
 Acq: 09 Jan 2025 23:47

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:	180	Resp:	3268
Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.8	113.8
184	32.7	24.1	36.1

