

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042505.D
 Acq On : 06 May 2025 19:42
 Operator : SY/MD
 Sample : MDL2 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

Quant Time: May 07 03:23:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	68187	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	178687	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	148905	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	135859	9.841	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	1878	0.166	ppbv	100
3) Chlorodifluoromethane	1.479	51	1756	0.147	ppbv #	88
4) Chloromethane	1.538	50	1104	0.234	ppbv	97
5) Vinyl Chloride	1.586	62	561	0.118	ppbv #	86
6) Bromomethane	1.670	94	404	0.180	ppbv #	72
7) Chloroethane	1.706	64	361	0.206	ppbv #	88
8) Dichlorotetrafluoroethane	1.557	85	1371	0.147	ppbv	99
9) Propene	1.489	41	689	0.177	ppbv #	82
10) Heptane	4.998	43	311	0.031	ppbv #	26
11) Trichlorofluoromethane	2.146	101	1179	0.113	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.146	101	1179	0.142	ppbv	94
13) Ethanol	1.719	45	183	0.231	ppbv #	37
14) Bromoethene	1.790	108	461	0.150	ppbv #	96
15) Acetone	1.842	43	3045	0.245	ppbv	99
16) 1,3-Butadiene	1.612	39	1018	0.185	ppbv	97
17) tert-Butyl alcohol	2.049	59	1487	0.136	ppbv #	75
18) 1,1-Dichloroethene	2.039	96	543	0.140	ppbv #	78
19) Isopropyl Alcohol	1.890	45	1479	0.215	ppbv #	88
20) Methylene Chloride	2.068	84	1354	0.362	ppbv #	52
21) Allyl Chloride	2.104	41	1346	0.168	ppbv #	82
22) trans-1,2-Dichloroethene	2.344	96	661	0.146	ppbv #	41
23) Vinyl Acetate	2.473	43	1027	0.086	ppbv #	86
24) 1,1-Dichloroethane	2.418	63	1292	0.140	ppbv #	90
25) Ethyl Acetate	2.855	43	1173	0.059	ppbv #	65
26) Hexane	2.836	57	434	0.050	ppbv #	1
27) Carbon Disulfide	2.156	76	1344	0.133	ppbv #	59
28) Methyl tert-Butyl Ether	2.450	73	436	0.084	ppbv #	52
29) Chloroform	2.858	83	2175	0.134	ppbv	95
30) Cyclohexane	3.868	84	506	0.070	ppbv #	67
31) cis-1,2-Dichloroethene	2.725	61	957	0.094	ppbv #	76
32) 1,1,1-Trichloroethane	3.379	97	1755	0.099	ppbv #	89
34) 2-Butanone	2.573	43	943	0.073	ppbv #	74
35) Carbon Tetrachloride	3.771	117	1302	0.080	ppbv #	59
36) Benzene	3.667	78	1179	0.070	ppbv #	89
37) 1,2-Dichloroethane	3.227	62	1660	0.128	ppbv #	84
38) Trichloroethene	4.564	130	477	0.074	ppbv #	64
39) 1,2-Dichloropropane	3.975	63	51019	8.082	ppbv #	21
40) 1,4-Dioxane	4.635	88	101	0.034	ppbv #	100
41) Tetrahydrofuran	3.075	42	305	0.050	ppbv #	57
42) Bromodichloromethane	4.502	83	1082	0.068	ppbv #	46
43) Methyl Methacrylate	4.894	69	350	0.056	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	786	0.029	ppbv #	40
45) t-1,3-Dichloropropene	6.441	75	234	0.028	ppbv #	42

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

Quant Time: May 07 03:23:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

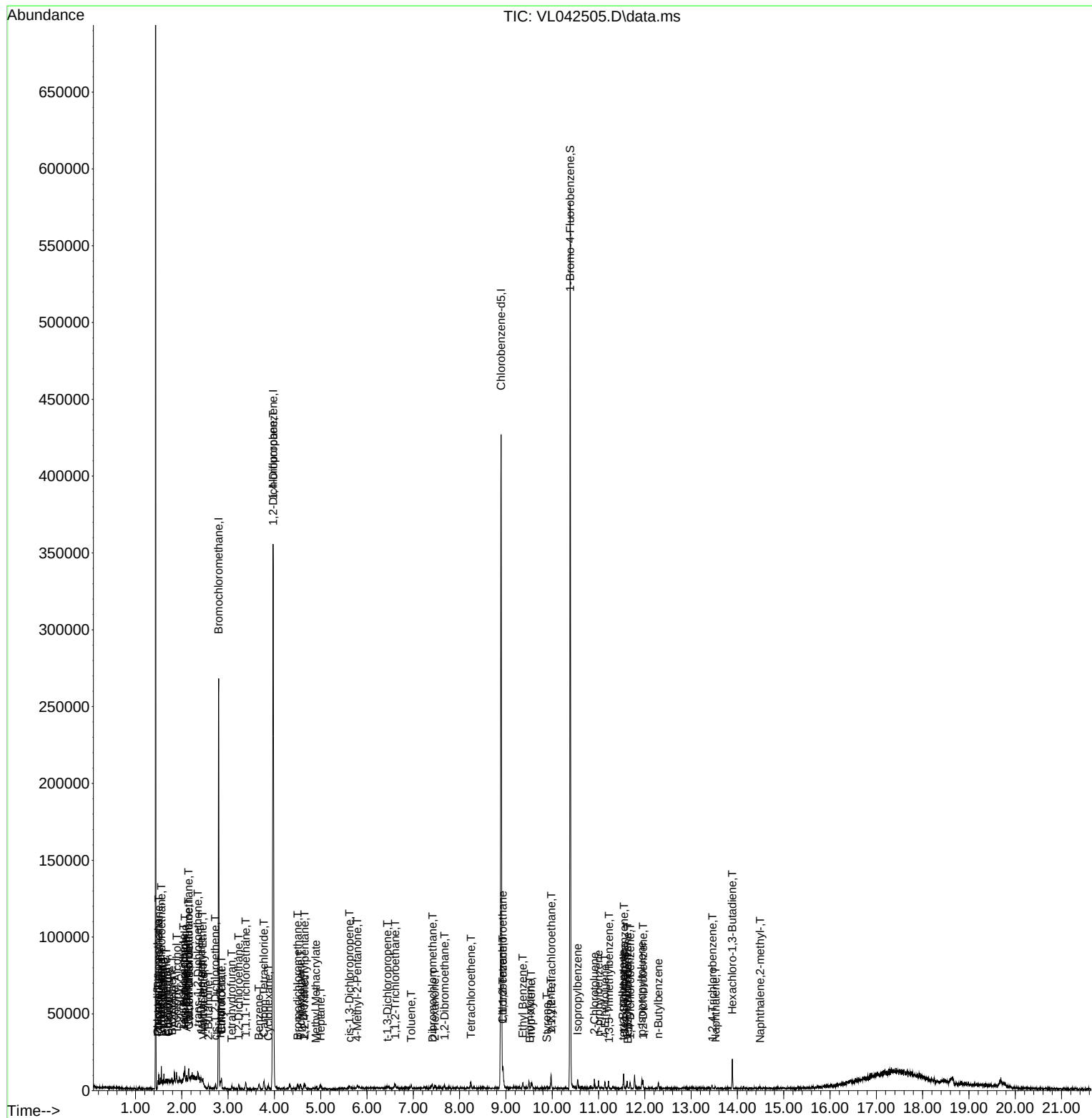
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.619	75	114	0.012	ppbv	#	69
47) 1,1,2-Trichloroethane	6.606	97	458	0.066	ppbv	#	23
48) Dibromochloromethane	7.419	129	173	0.015	ppbv	#	1
49) Bromoform	9.519	173	27	0.003	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.787	43	459	0.028	ppbv	#	24
51) 2-Hexanone	7.464	43	567	0.043	ppbv	#	31
52) Tetrachloroethene	8.247	164	193	0.030	ppbv	#	64
53) Toluene	6.953	91	949	0.053	ppbv	#	77
54) 1,2-Dibromoethane	7.674	107	494	0.047	ppbv	#	55
56) 1,1,1,2-Tetrachloroethane	8.930	131	1197	0.136	ppbv	#	1
57) Chlorobenzene	8.930	112	1142	0.076	ppbv	#	72
58) Ethyl Benzene	9.364	91	1644	0.066	ppbv		96
59) m/p-Xylene	9.545	91	1199	0.057	ppbv	#	33
60) o-Xylene	9.969	91	1072	0.051	ppbv	#	65
61) Styrene	9.882	104	425	0.055	ppbv	#	56
62) Isopropylbenzene	10.548	105	2264	0.075	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.982	83	563	0.039	ppbv	#	1
64) n-propylbenzene	11.002	120	132	0.018	ppbv	#	1
65) tert-Butylbenzene	11.526	119	135	0.005	ppbv	#	1
66) Benzyl Chloride	11.633	91	20	0.006	ppbv	#	67
67) sec-Butylbenzene	11.549	105	1560	0.041	ppbv		96
69) p-Isopropyltoluene	11.934	119	1621	0.050	ppbv		95
70) n-Butylbenzene	12.290	91	1616	0.049	ppbv	#	86
71) 2-Chlorotoluene	10.911	91	1065	0.045	ppbv		78
72) 4-Ethyltoluene	11.141	105	634	0.026	ppbv	#	46
73) 1,3,5-Trimethylbenzene	11.225	105	191	0.009	ppbv	#	33
74) 1,2,4-Trimethylbenzene	11.549	105	1560	0.060	ppbv	#	79
75) 1,3-Dichlorobenzene	11.623	146	246	0.017	ppbv	#	22
76) 1,4-Dichlorobenzene	11.685	146	824	0.060	ppbv		89
77) 1,2-Dichlorobenzene	11.963	146	931	0.065	ppbv		89
78) Hexachloro-1,3-Butadiene	13.889	225	1649	0.116	ppbv	#	86
79) Naphthalene	13.529	128	883	0.040	ppbv	#	92
80) Naphthalene,2-methyl-	14.491	142	80	0.005	ppbv	#	1
81) 1,2,4-Trichlorobenzene	13.458	180	109	0.009	ppbv	#	19

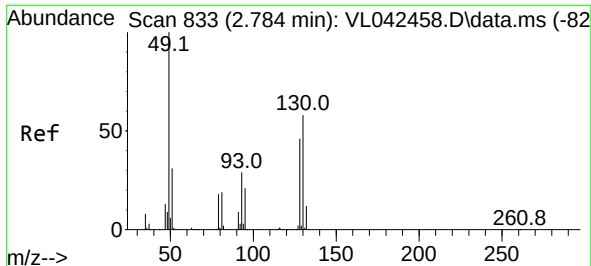
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MDL2 0.1

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

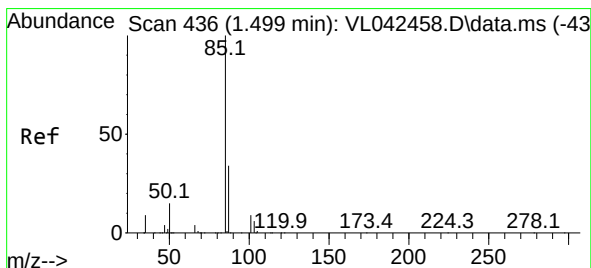
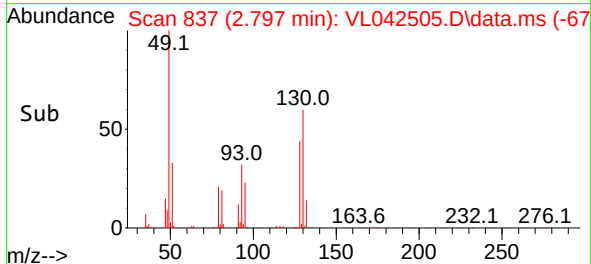
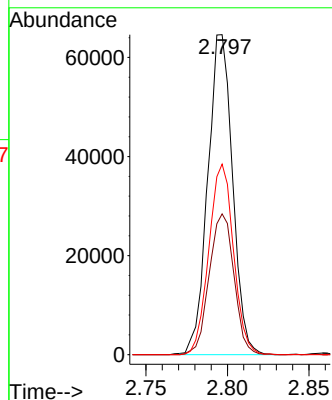
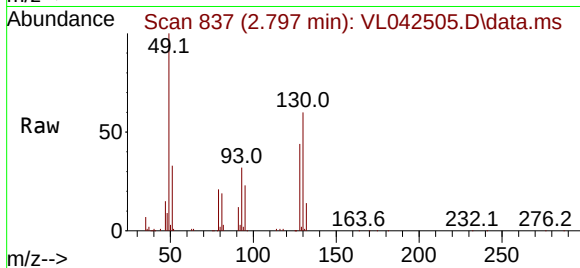




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

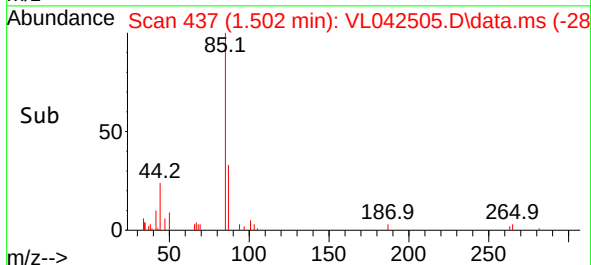
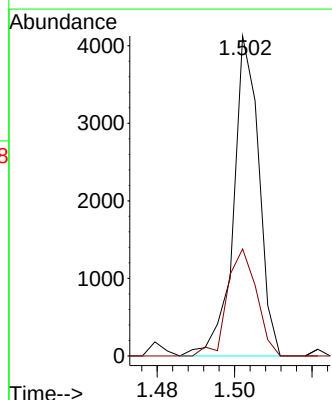
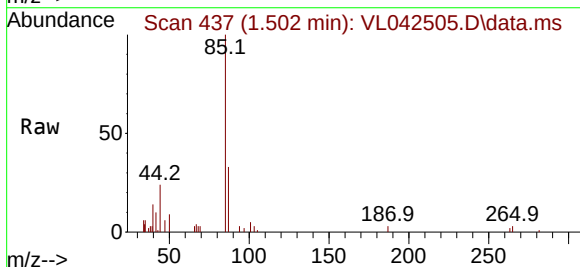
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.1

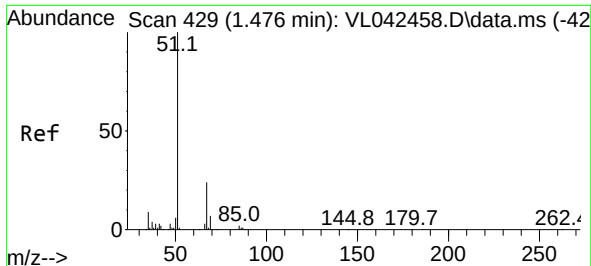
Tgt Ion: 49 Resp: 68187
 Ion Ratio Lower Upper
 49 100
 128 44.1 23.3 69.9
 130 59.2 29.5 88.6



#2
 Dichlorodifluoromethane
 Concen: 0.166 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 85 Resp: 1878
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.9 40.3

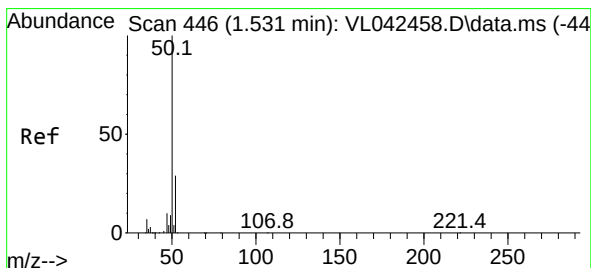
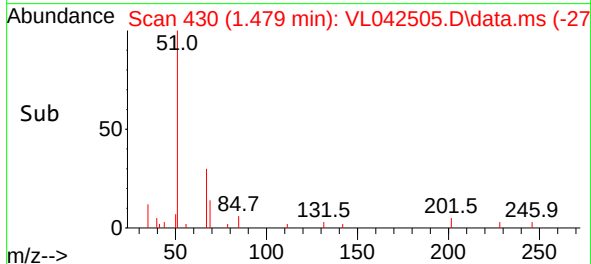
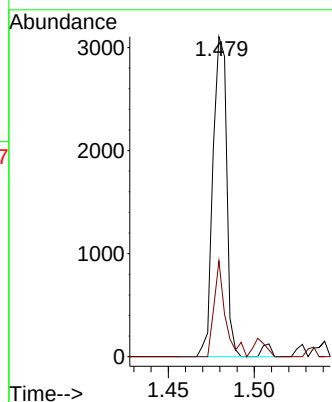
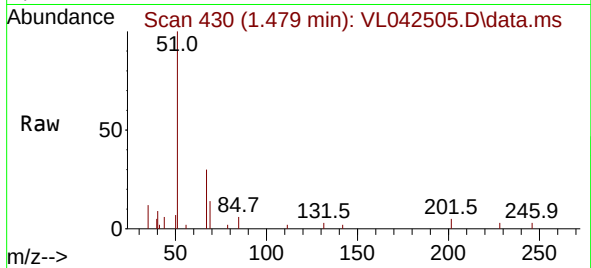




#3
Chlorodifluoromethane
Concen: 0.147 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

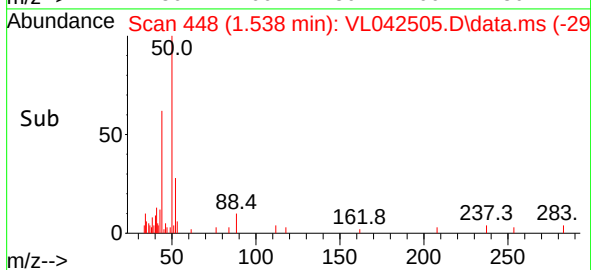
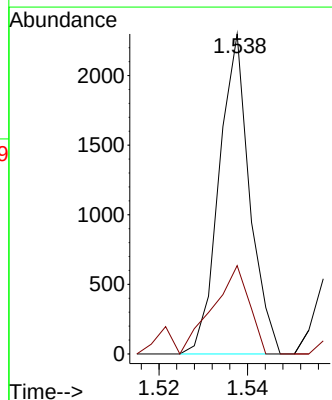
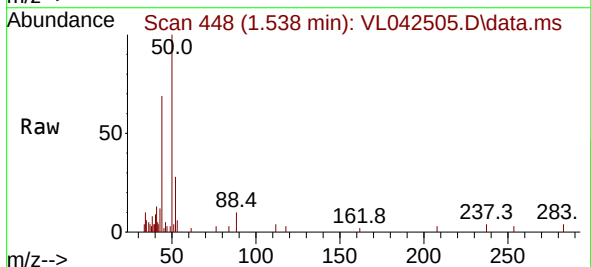
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.1

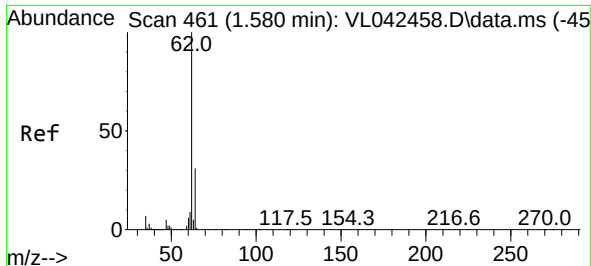
Tgt Ion: 51 Resp: 1756
Ion Ratio Lower Upper
51 100
67 28.9 18.4 27.6#



#4
Chloromethane
Concen: 0.234 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.007 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 50 Resp: 1104
Ion Ratio Lower Upper
50 100
52 27.6 23.5 35.3

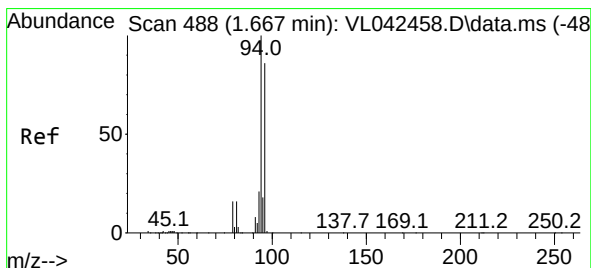
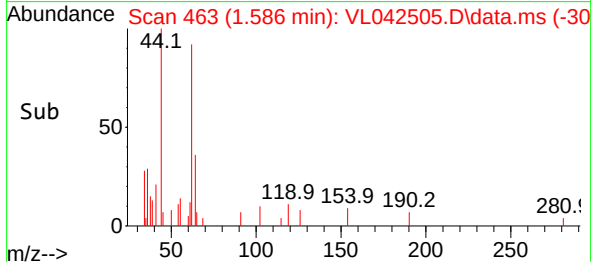
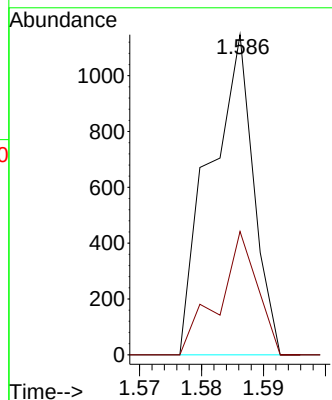
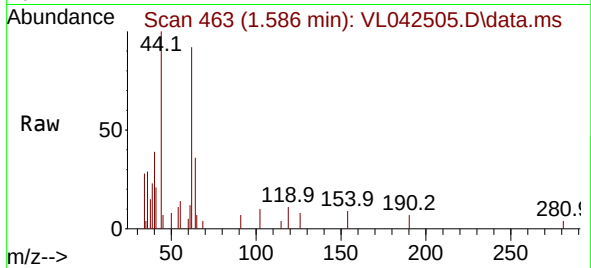




#5
 Vinyl Chloride
 Concen: 0.118 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.007 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

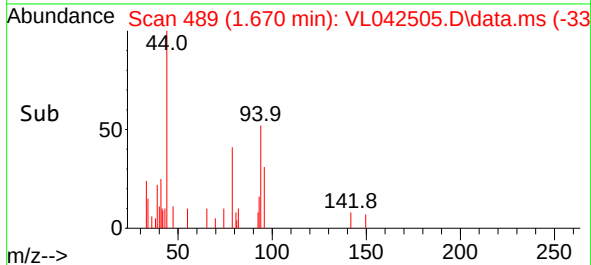
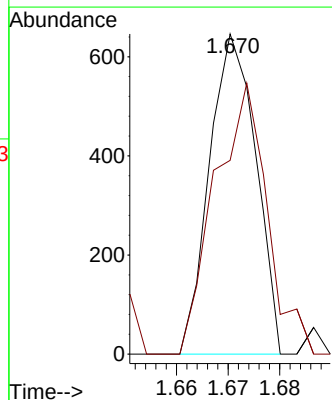
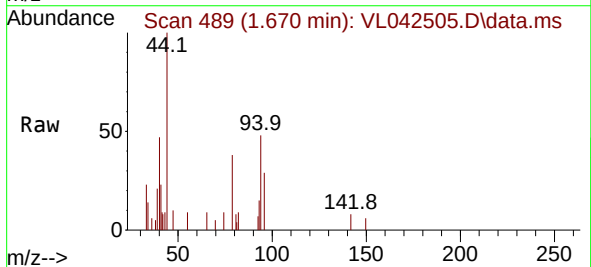
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.1

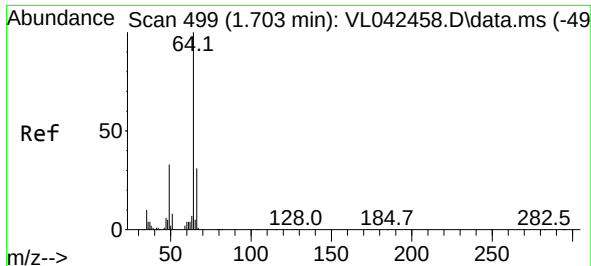
Tgt Ion: 62 Resp: 561
 Ion Ratio Lower Upper
 62 100
 64 38.5 24.9 37.3#



#6
 Bromomethane
 Concen: 0.180 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 94 Resp: 404
 Ion Ratio Lower Upper
 94 100
 96 60.5 68.8 103.2#

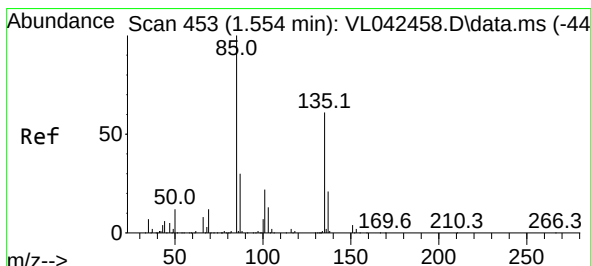
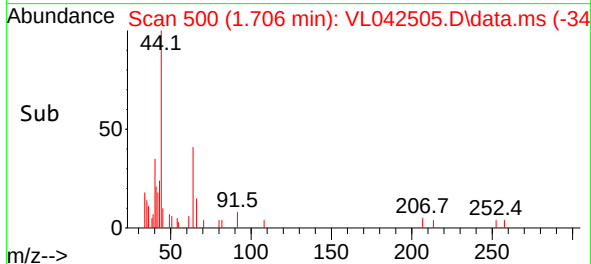
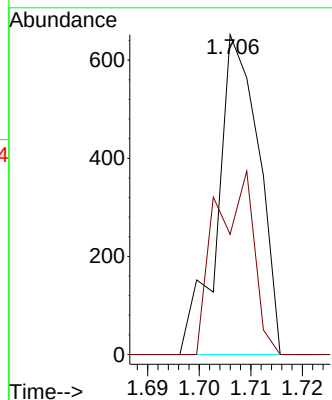
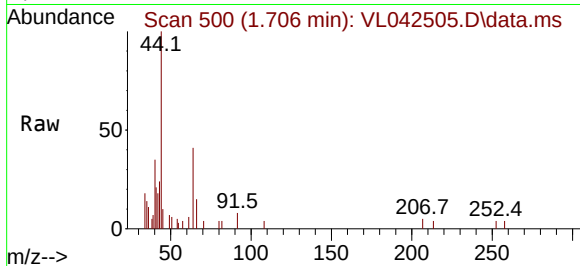




#7
Chloroethane
Concen: 0.206 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

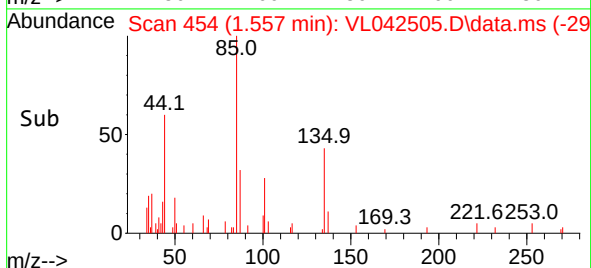
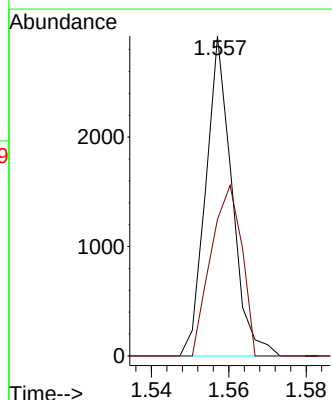
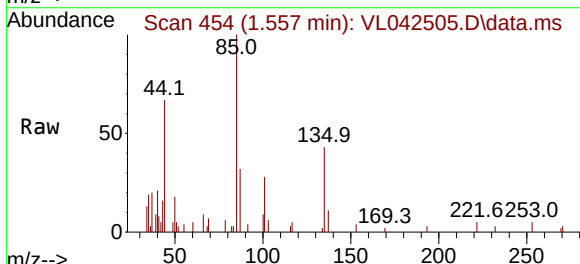
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

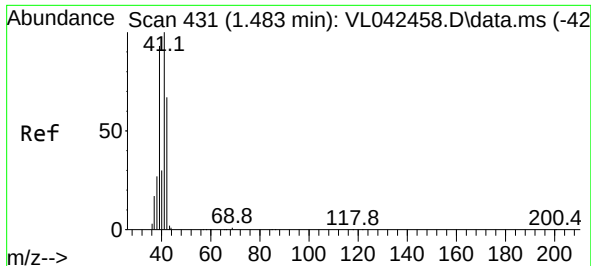
Tgt Ion: 64 Resp: 361
Ion Ratio Lower Upper
64 100
66 37.6 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.147 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 85 Resp: 1371
Ion Ratio Lower Upper
85 100
135 62.9 49.8 74.8





#9

Propene

Concen: 0.177 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

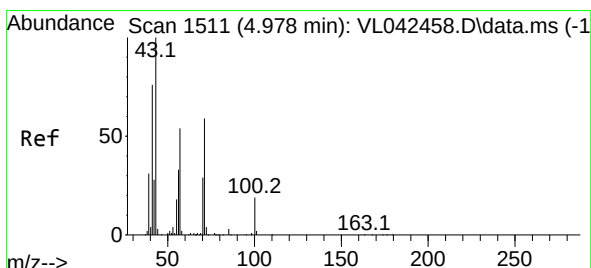
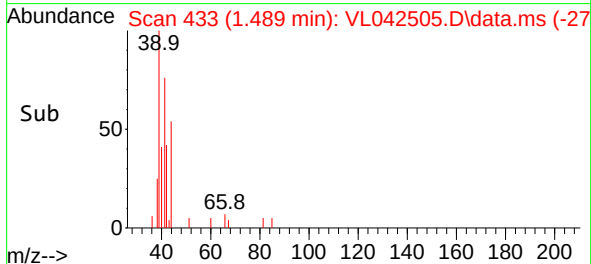
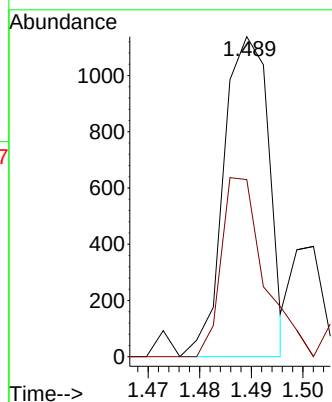
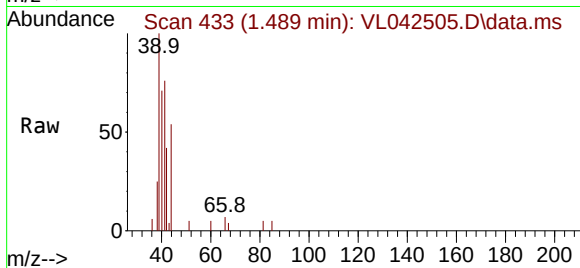
MDL2 0.1

Tgt Ion: 41 Resp: 689

Ion Ratio Lower Upper

41 100

42 53.6 54.3 81.5#



#10

Heptane

Concen: 0.031 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. 0.020 min

Lab File: VL042505.D

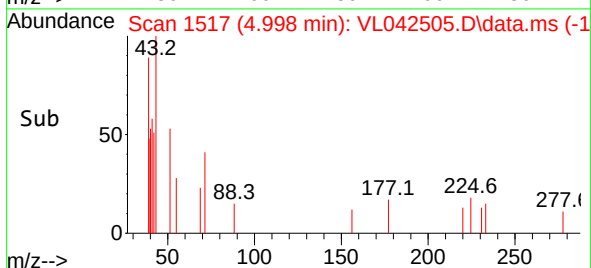
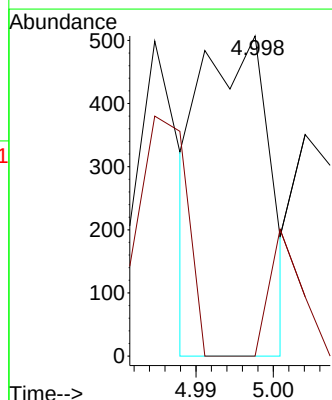
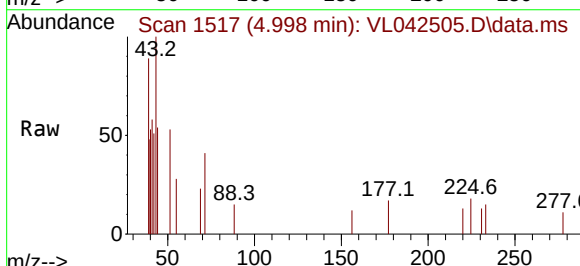
Acq: 06 May 2025 19:42

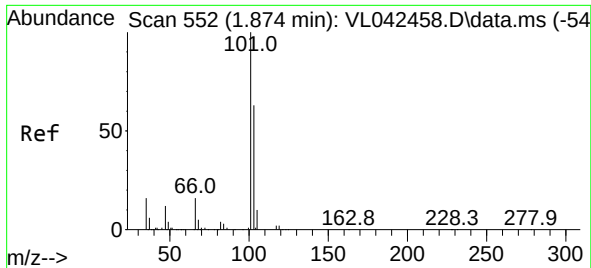
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

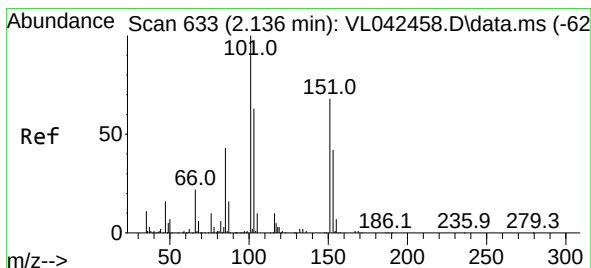
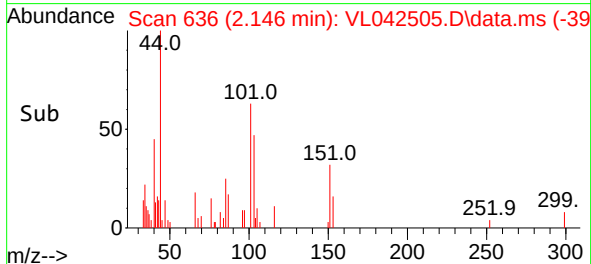
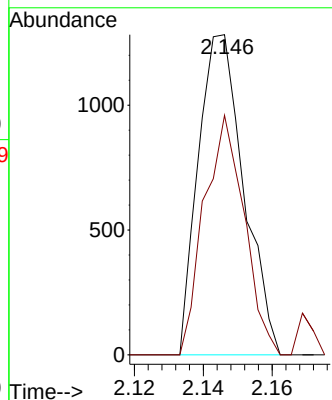
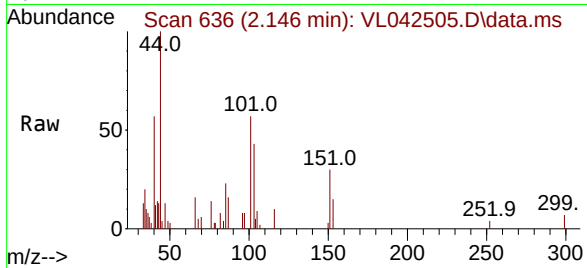




#11
 Trichlorofluoromethane
 Concen: 0.113 ppbv
 RT: 2.146 min Scan# 61
 Delta R.T. 0.272 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

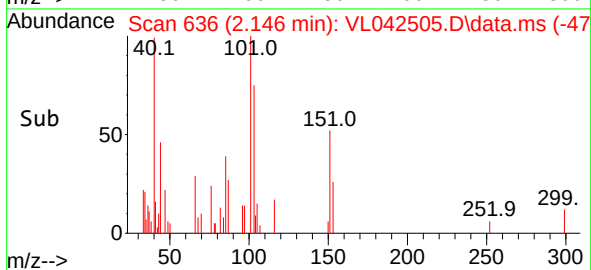
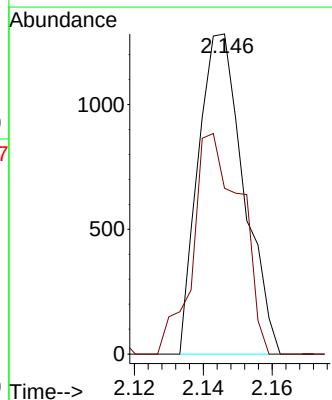
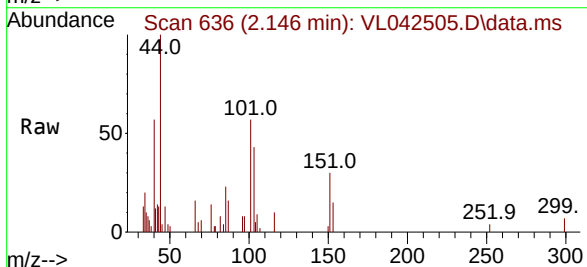
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

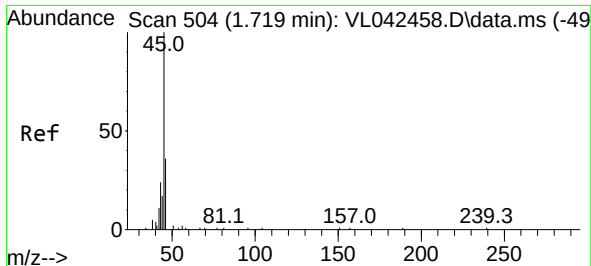
Tgt Ion:101 Resp: 1179
 Ion Ratio Lower Upper
 101 100
 103 74.8 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.142 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.010 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion:101 Resp: 1179
 Ion Ratio Lower Upper
 101 100
 151 73.5 54.6 82.0

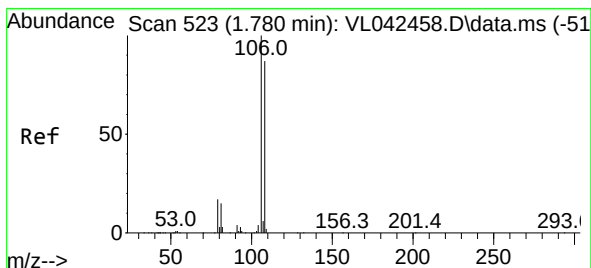
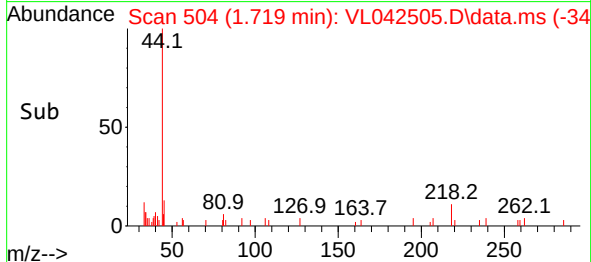
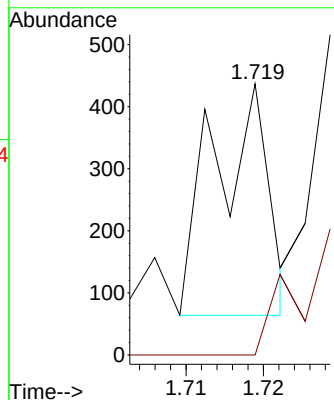
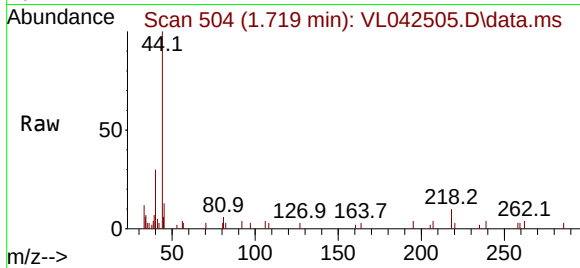




#13
 Ethanol
 Concen: 0.231 ppbv
 RT: 1.719 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

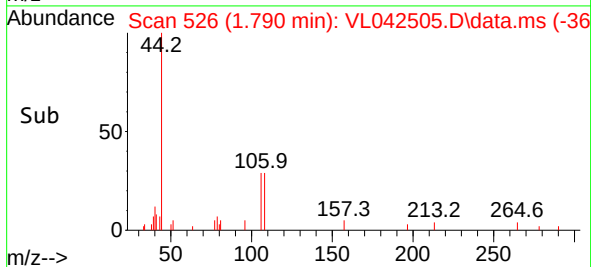
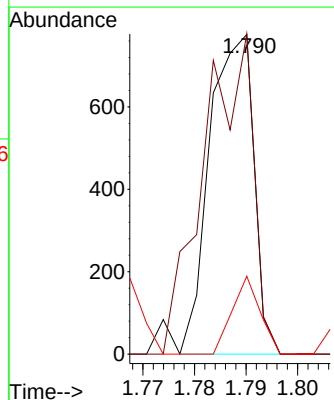
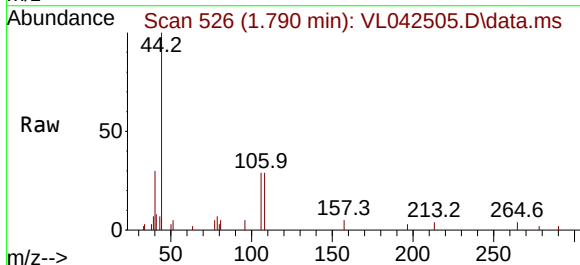
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

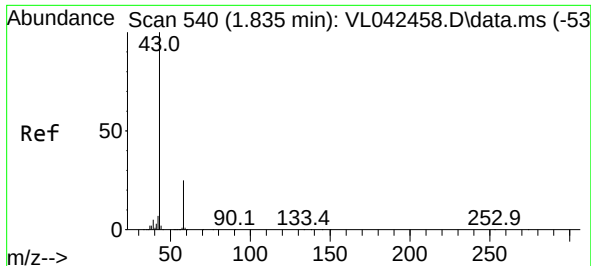
Tgt Ion: 45 Resp: 183
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.150 ppbv
 RT: 1.790 min Scan# 526
 Delta R.T. 0.010 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 108 Resp: 461
 Ion Ratio Lower Upper
 108 100
 106 112.1 88.8 133.2
 79 30.2 17.1 25.7#

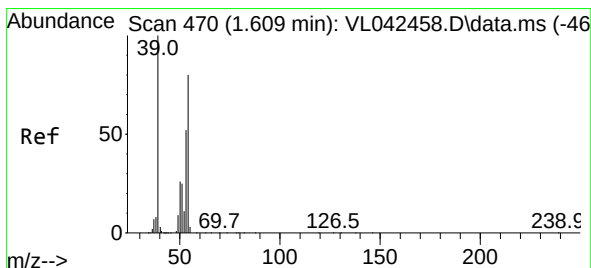
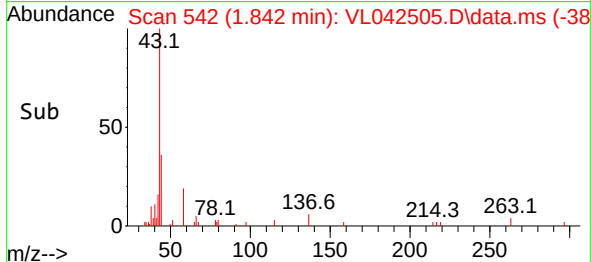
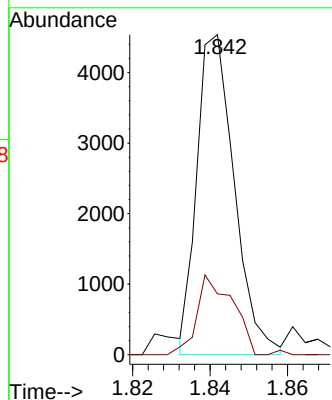
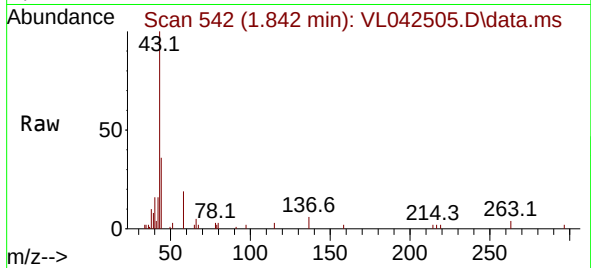




#15
Acetone
Concen: 0.245 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.007 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

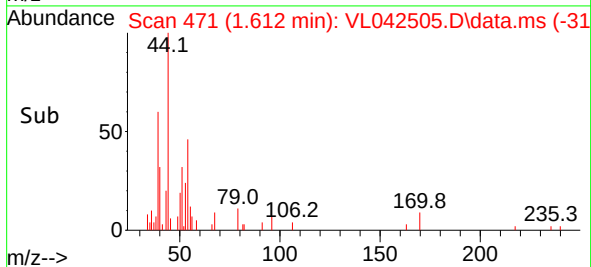
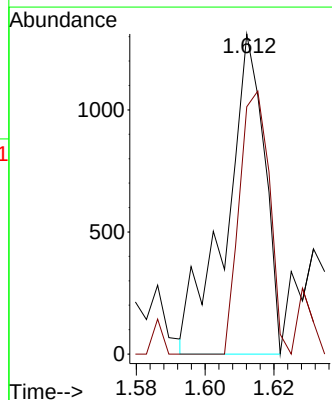
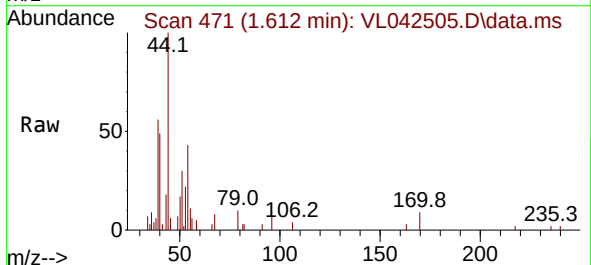
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.1

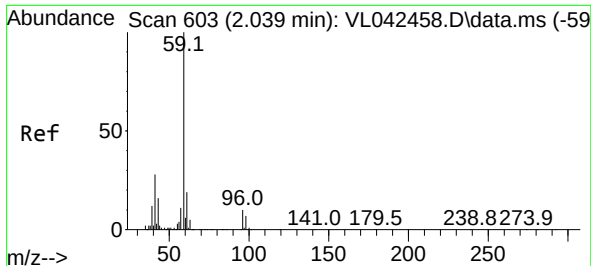
Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 24.1 19.8 29.8



#16
1,3-Butadiene
Concen: 0.185 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 39 Resp: 1018
Ion Ratio Lower Upper
39 100
54 71.7 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.136 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

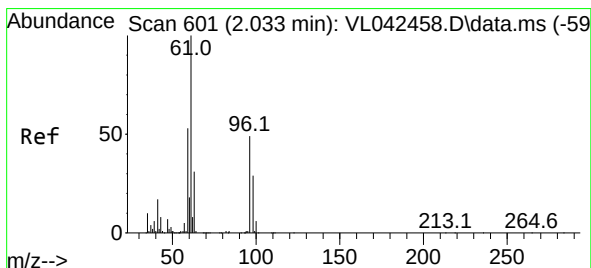
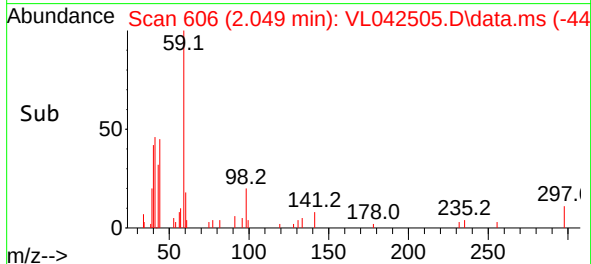
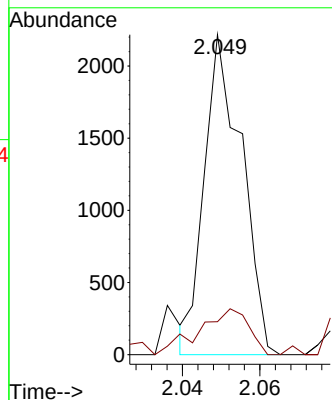
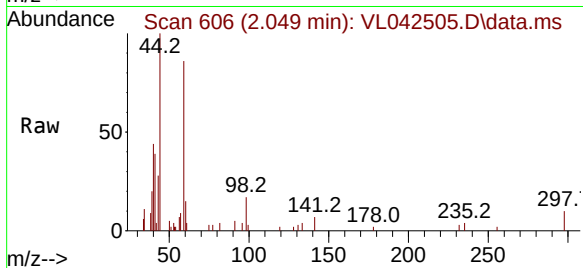
MDL2 0.1

Tgt Ion: 59 Resp: 1487

Ion Ratio Lower Upper

59 100

57 19.8 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.140 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.007 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

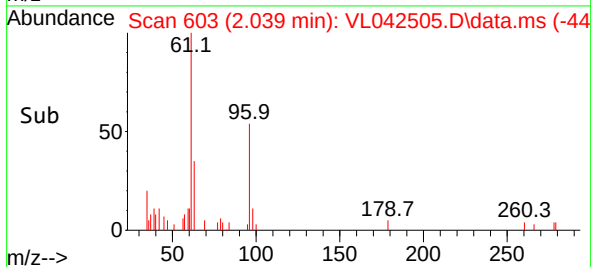
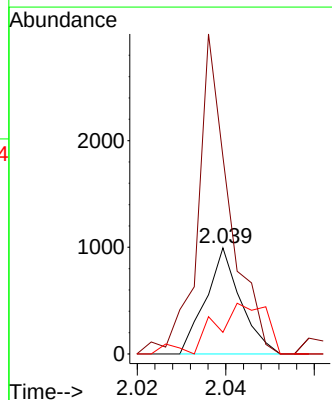
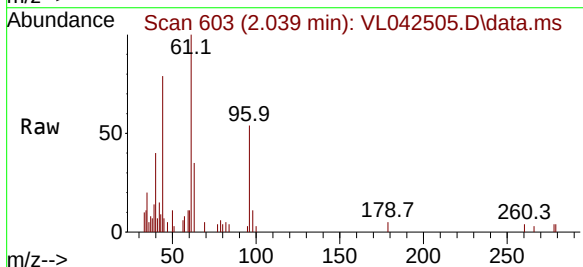
Tgt Ion: 96 Resp: 543

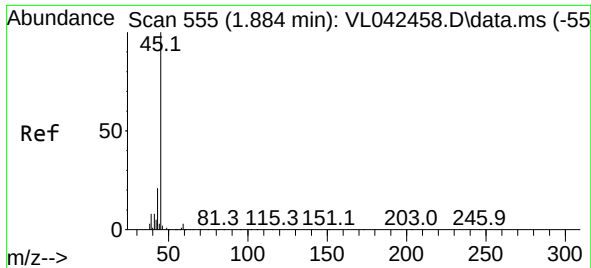
Ion Ratio Lower Upper

96 100

61 186.1 164.9 247.3

98 20.4 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.215 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

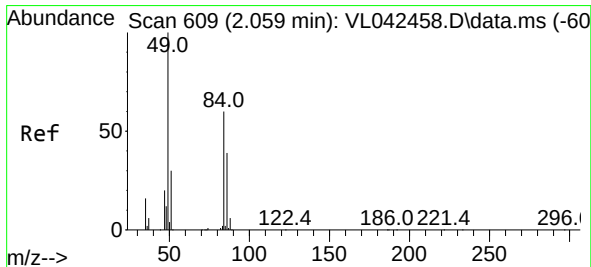
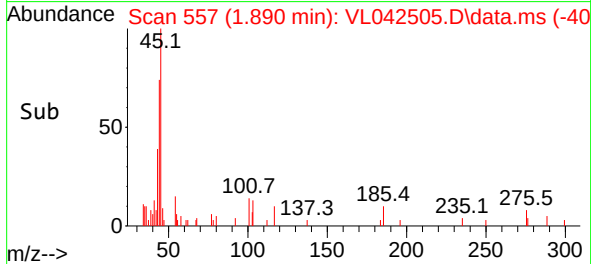
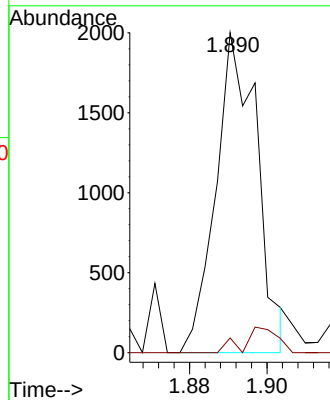
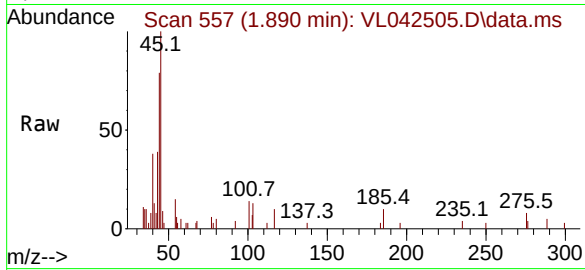
MDL2 0.1

Tgt Ion: 45 Resp: 1479

Ion Ratio Lower Upper

45 100

58 6.4 1.6 2.4#



#20

Methylene Chloride

Concen: 0.362 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion: 84 Resp: 1354

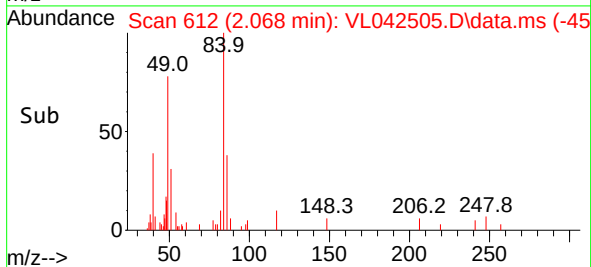
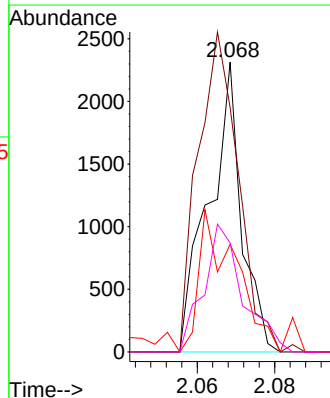
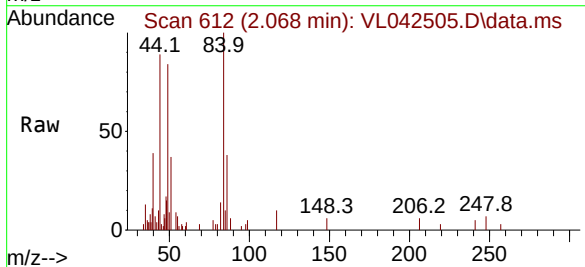
Ion Ratio Lower Upper

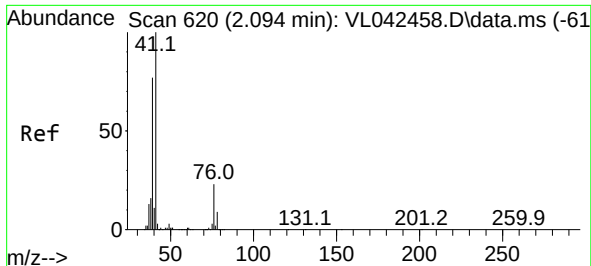
84 100

49 84.4 133.9 200.9#

51 37.2 41.0 61.6#

86 37.7 51.9 77.9#

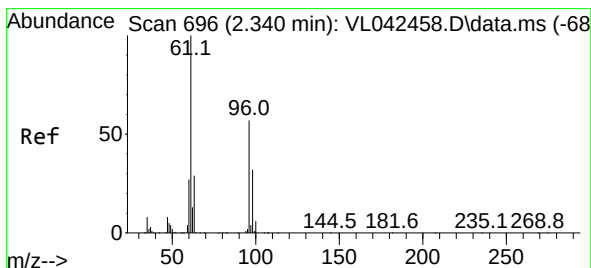
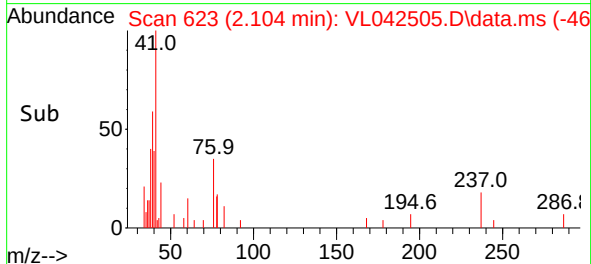
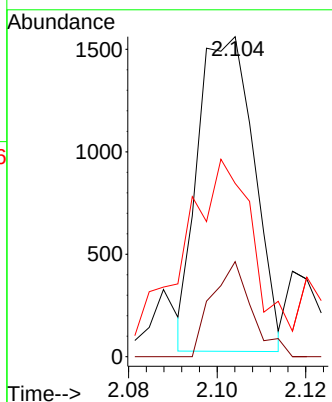
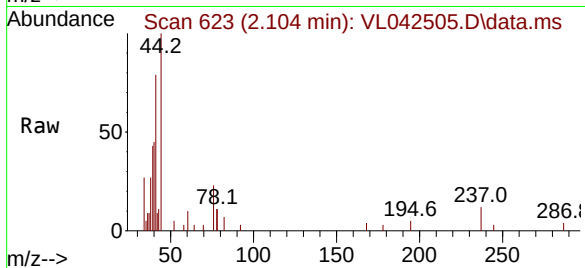




#21
 Allyl Chloride
 Concen: 0.168 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

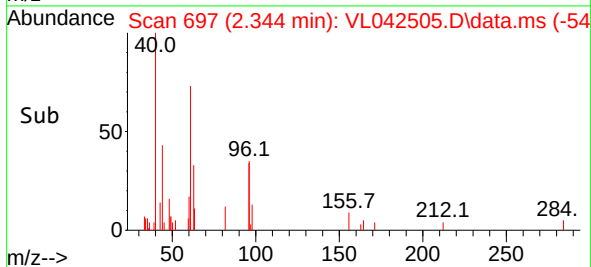
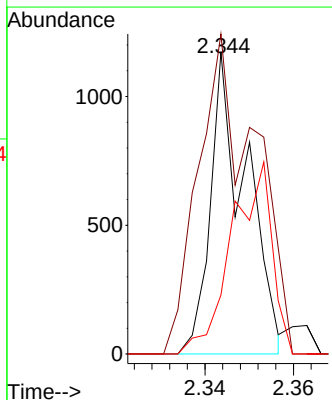
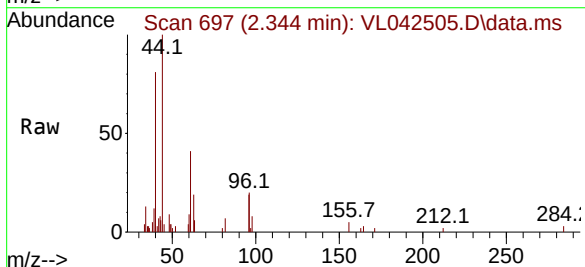
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.1

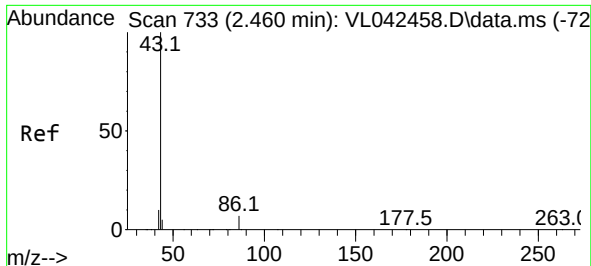
Tgt Ion: 41 Resp: 1346
 Ion Ratio Lower Upper
 41 100
 76 21.7 19.6 29.4
 39 95.2 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.146 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 96 Resp: 661
 Ion Ratio Lower Upper
 96 100
 61 91.2 141.8 212.6#
 98 19.5 45.0 67.6#

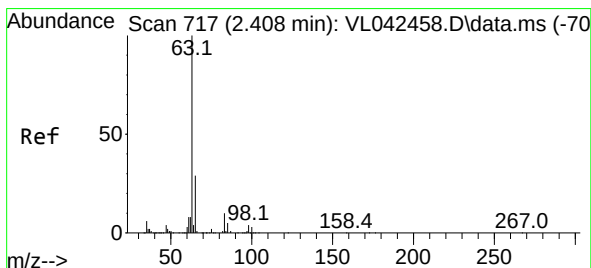
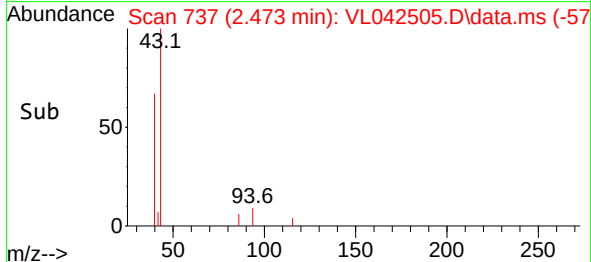
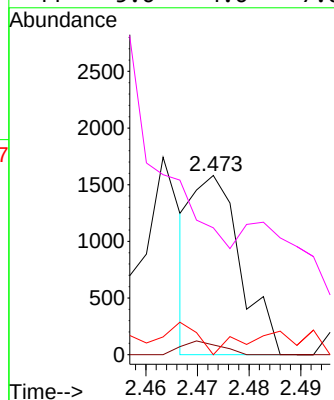
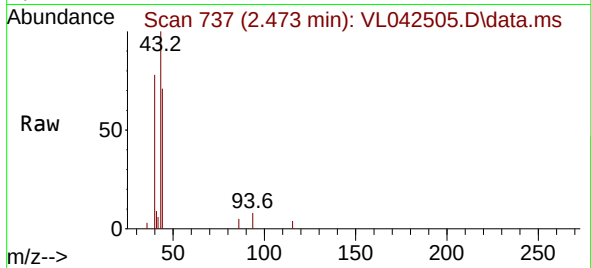




#23
 Vinyl Acetate
 Concen: 0.086 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

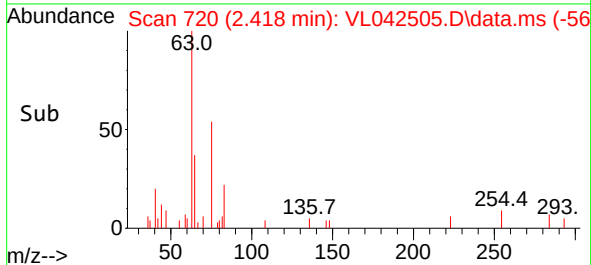
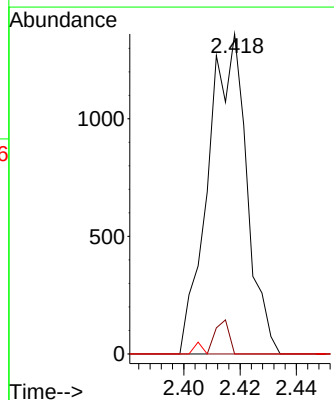
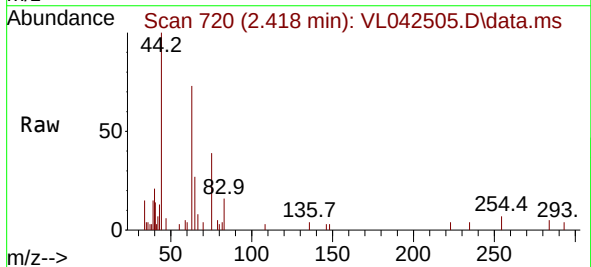
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

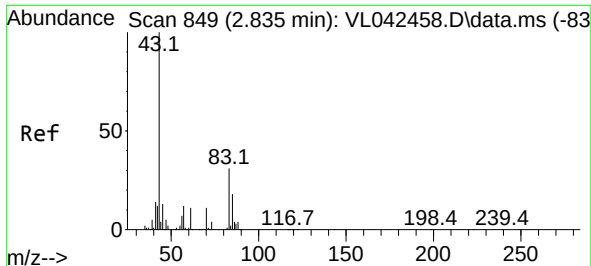
Tgt Ion: 43	Resp: 1027
Ion Ratio	Lower Upper
43 100	
86 5.4	5.5 8.3#
42 0.0	8.3 12.5#
44 5.6	4.6 7.0



#24
 1,1-Dichloroethane
 Concen: 0.140 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.010 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 63	Resp:	1292	
Ion Ratio	Lower	Upper	
63 100			
98 0.0	1.8	5.5#	
100 0.0	1.4	4.2#	





#25

Ethyl Acetate

Concen: 0.059 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.020 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

Tgt Ion: 43 Resp: 1173

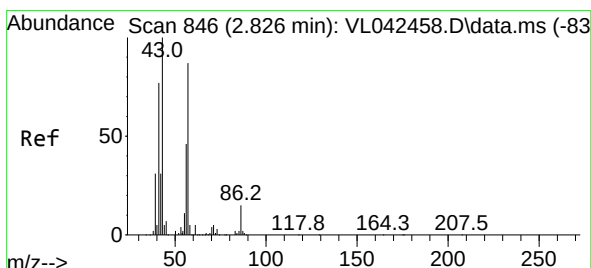
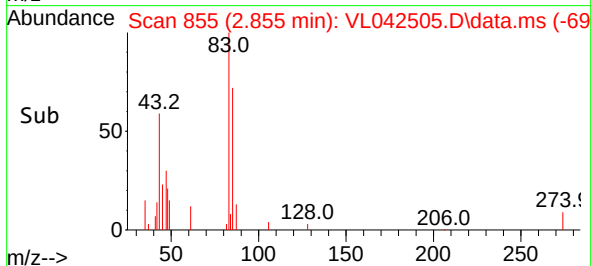
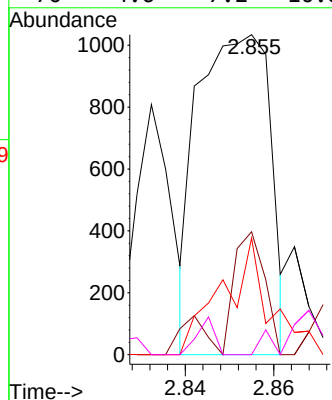
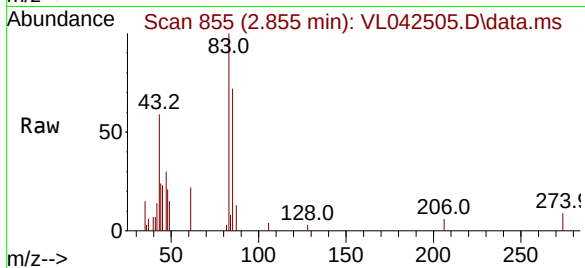
Ion Ratio Lower Upper

43 100

45 27.9 7.8 11.6#

61 24.2 7.2 10.8#

70 4.6 7.2 10.8#



#26

Hexane

Concen: 0.050 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion: 57 Resp: 434

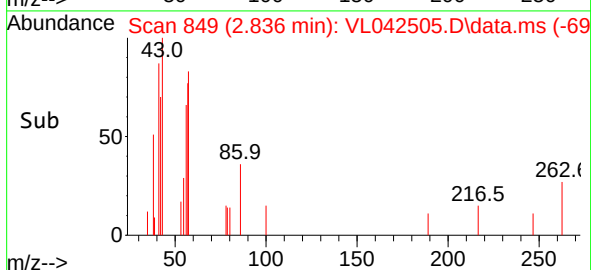
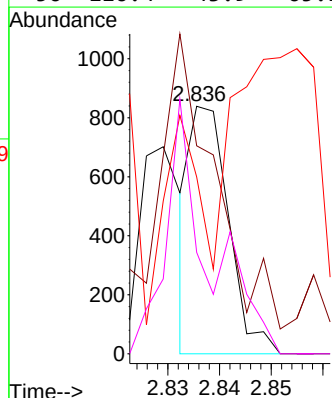
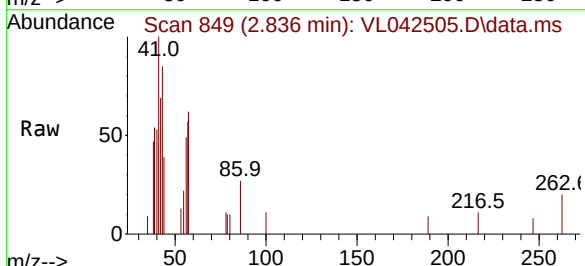
Ion Ratio Lower Upper

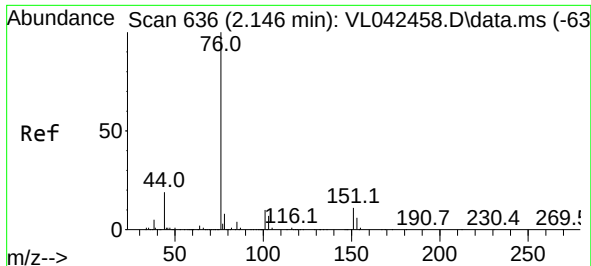
57 100

41 251.6 77.8 116.8#

43 474.9 187.0 280.6#

56 116.4 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.133 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

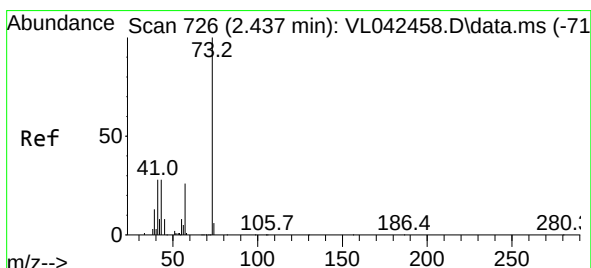
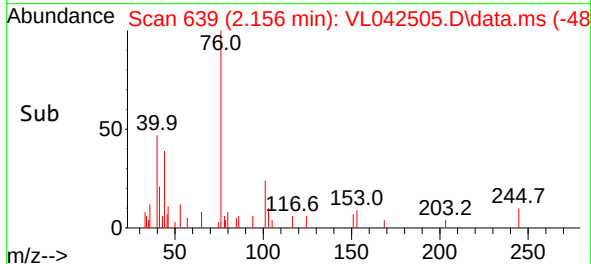
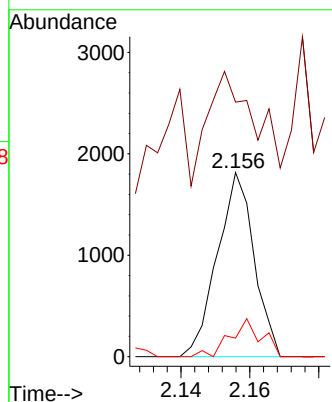
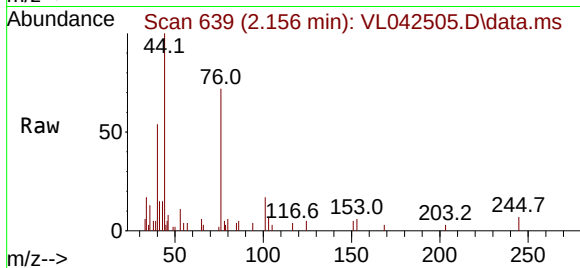
Tgt Ion: 76 Resp: 1344

Ion Ratio Lower Upper

76 100

44 0.0 21.0 31.6#

78 17.4 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.084 ppbv

RT: 2.450 min Scan# 730

Delta R.T. 0.013 min

Lab File: VL042505.D

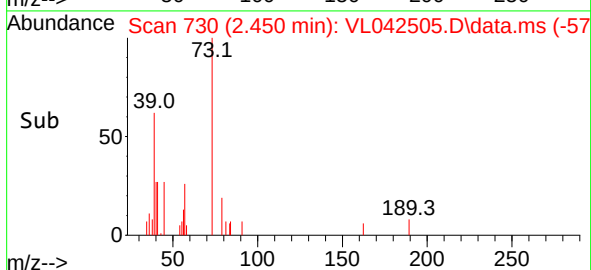
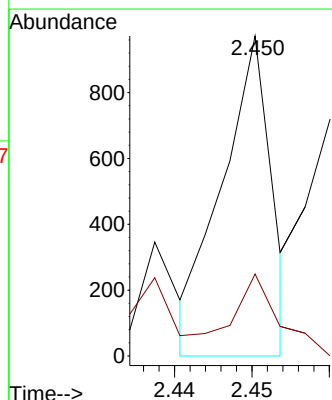
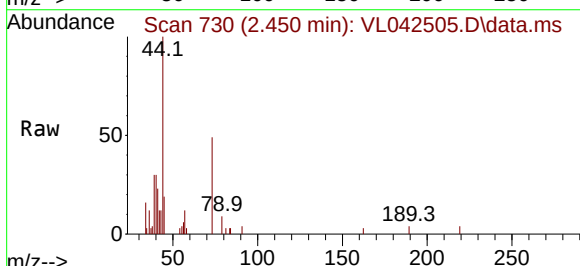
Acq: 06 May 2025 19:42

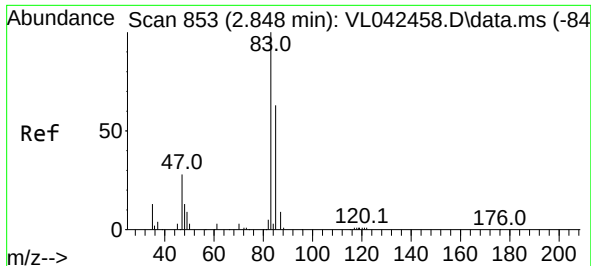
Tgt Ion: 73 Resp: 436

Ion Ratio Lower Upper

73 100

57 49.1 19.9 29.9#





#29

Chloroform

Concen: 0.134 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

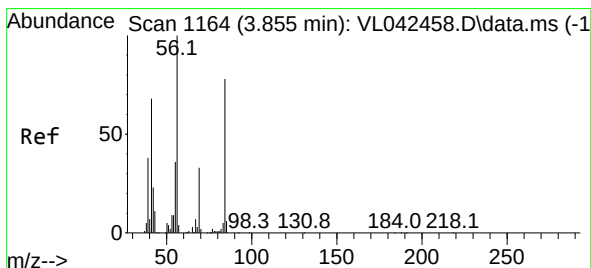
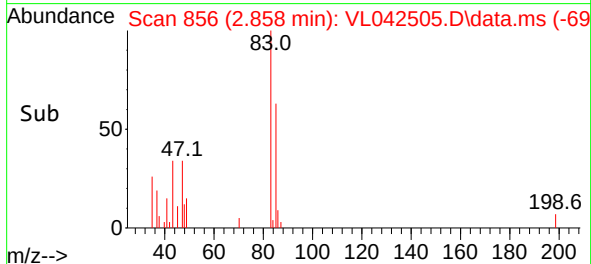
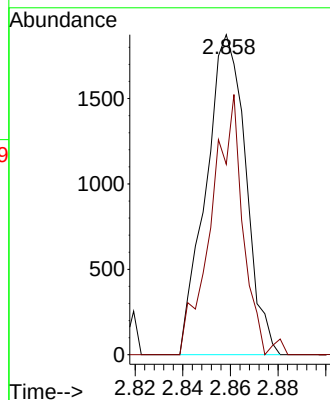
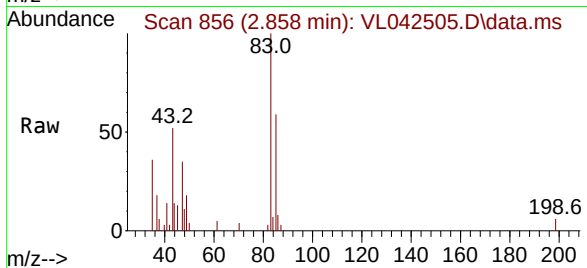
MDL2 0.1

Tgt Ion: 83 Resp: 2175

Ion Ratio Lower Upper

83 100

85 59.5 50.4 75.6



#30

Cyclohexane

Concen: 0.070 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

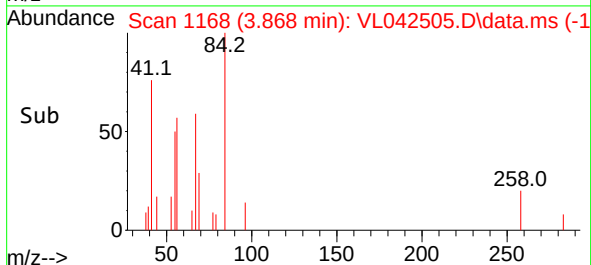
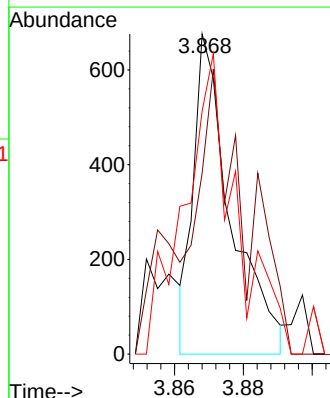
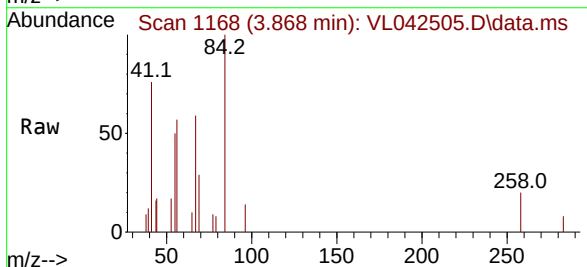
Tgt Ion: 84 Resp: 506

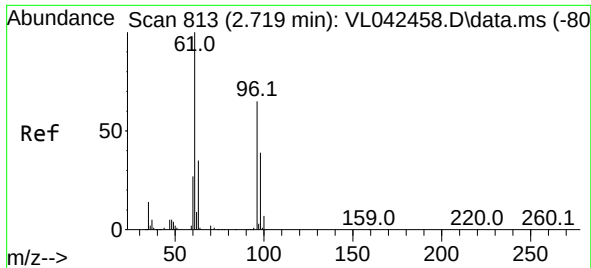
Ion Ratio Lower Upper

84 100

56 142.3 98.1 147.1

41 132.8 65.8 98.8#

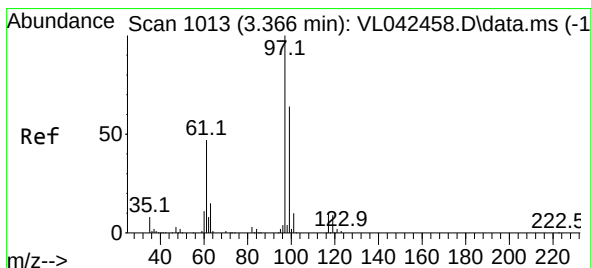
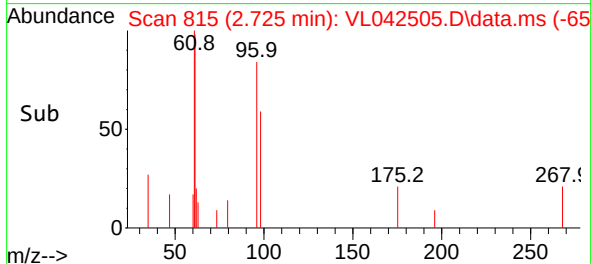
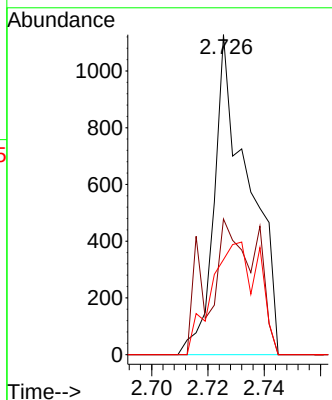
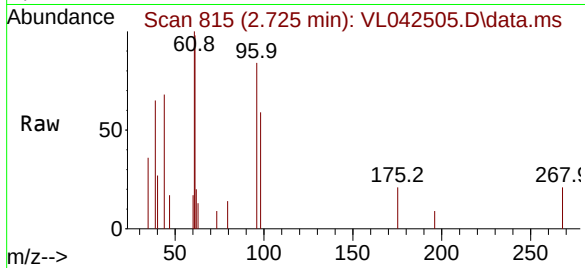




#31
 cis-1,2-Dichloroethene
 Concen: 0.094 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

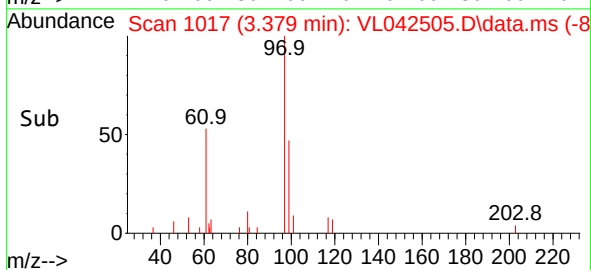
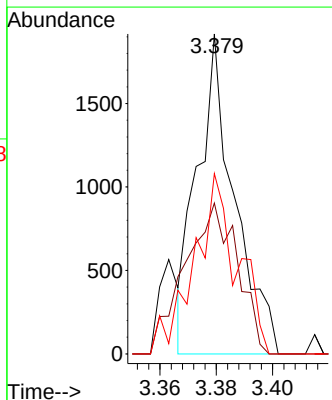
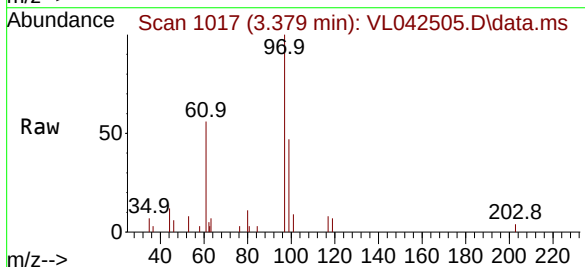
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.1

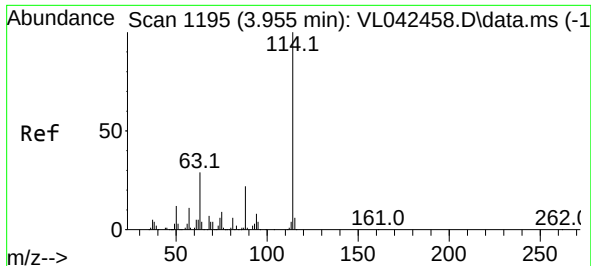
Tgt Ion: 61	Resp:	957
Ion Ratio	Lower	Upper
61	100	
96	42.4	52.0 78.0#
98	29.7	31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.099 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.013 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 97	Resp:	1755
Ion Ratio	Lower	Upper
97	100	
99	66.4	50.7 76.1
61	65.4	40.9 61.3#

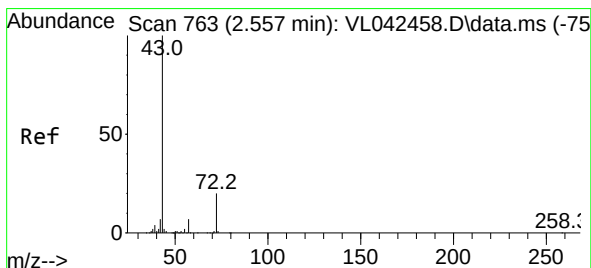
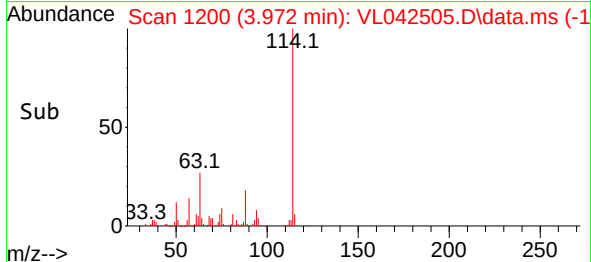
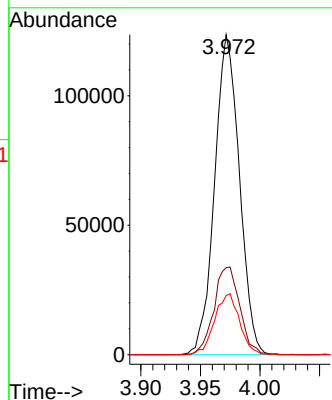
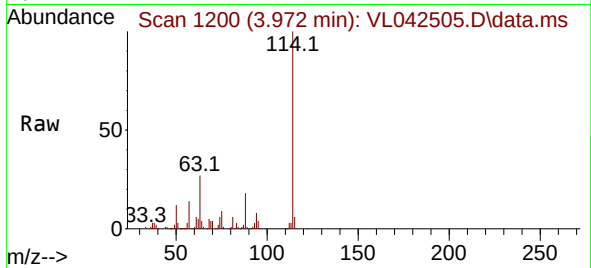




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1195
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

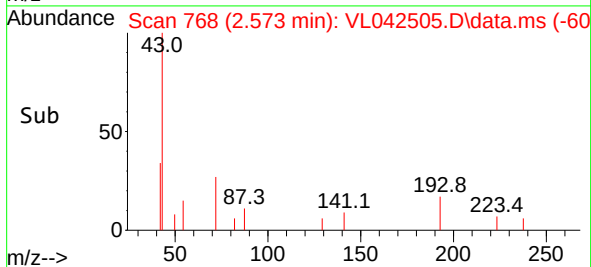
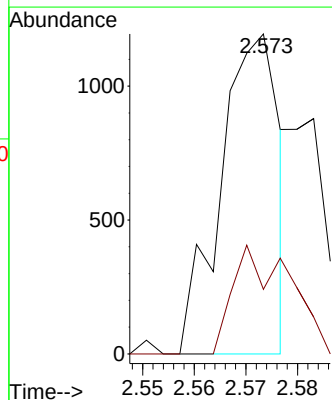
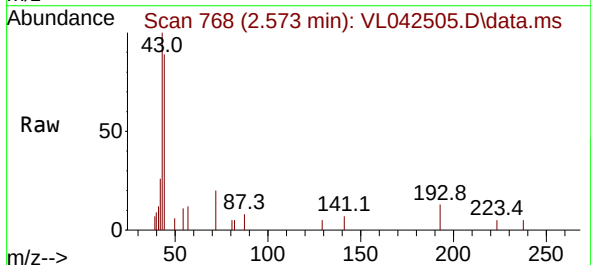
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

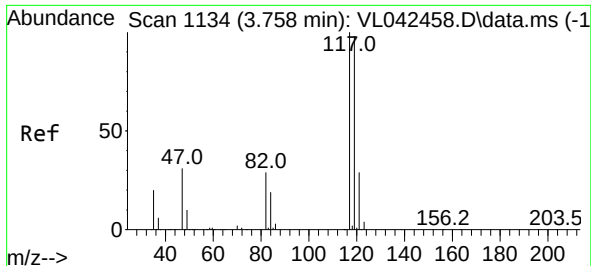
Tgt Ion:114 Resp: 178687
Ion Ratio Lower Upper
114 100
63 28.7 23.1 34.7
88 19.2 16.1 24.1



#34
2-Butanone
Concen: 0.073 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
72 33.2 16.7 25.1#

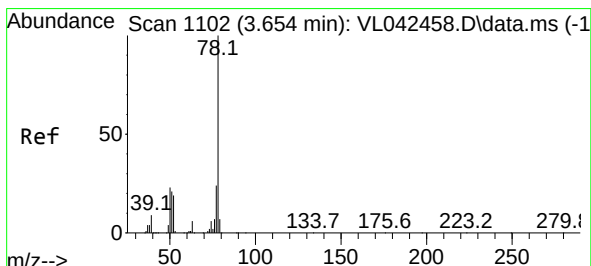
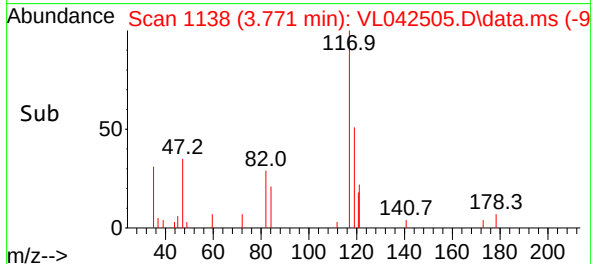
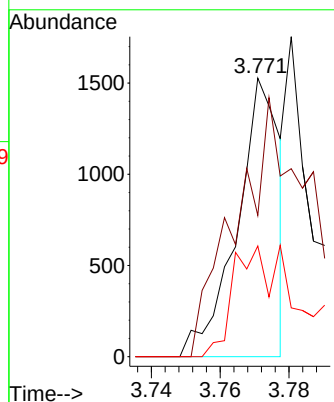
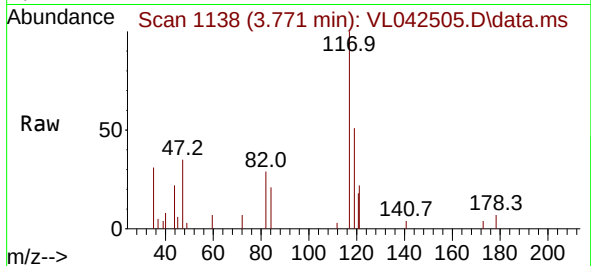




#35
Carbon Tetrachloride
Concen: 0.080 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.013 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

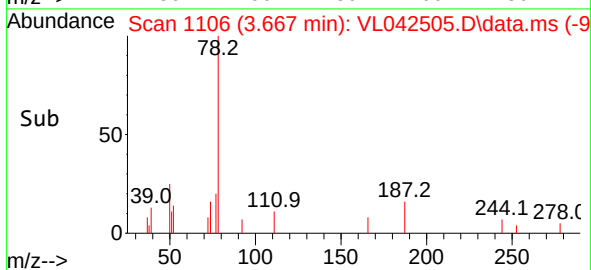
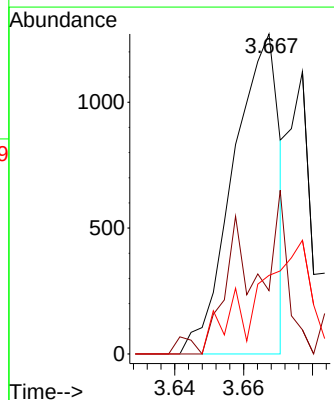
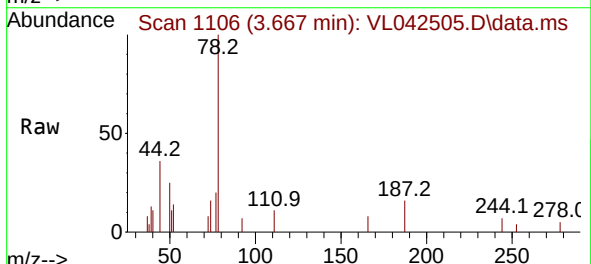
Instrument : MSVOA_1
ClientSampleId : MDL2 0.1

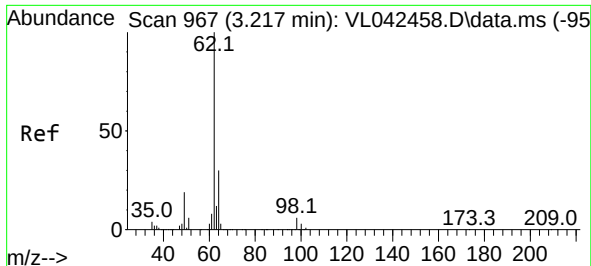
Tgt Ion: 117 Resp: 1302
Ion Ratio Lower Upper
117 100
119 50.7 78.1 117.1#
121 39.8 23.0 34.6#



#36
Benzene
Concen: 0.070 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 78 Resp: 1179
Ion Ratio Lower Upper
78 100
77 14.5 18.9 28.3#
50 24.5 18.4 27.6

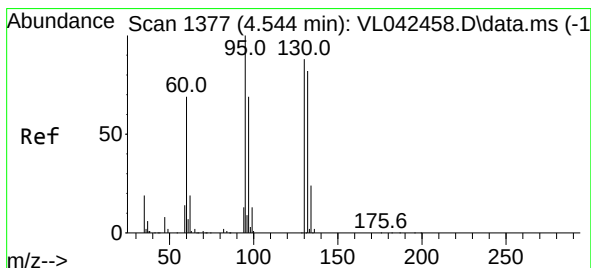
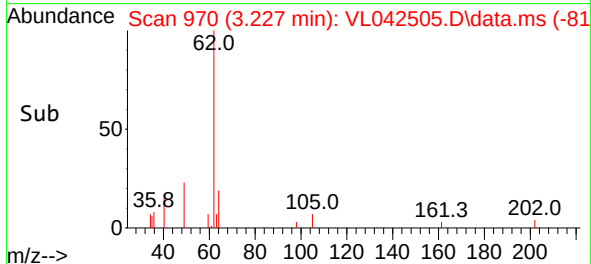
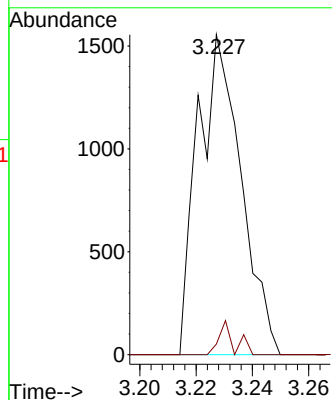
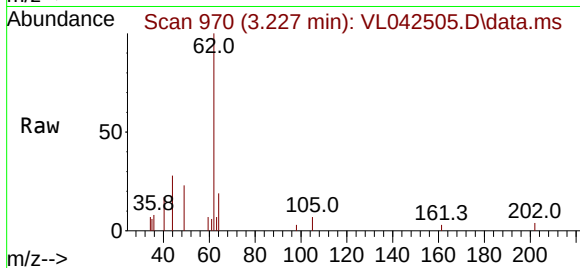




#37
1,2-Dichloroethane
Concen: 0.128 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

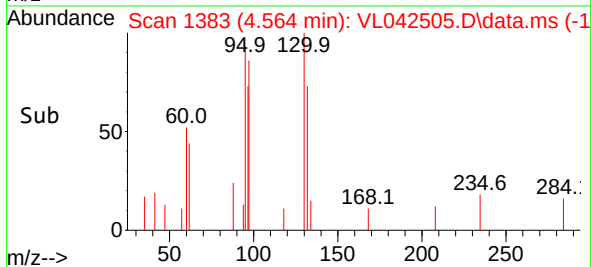
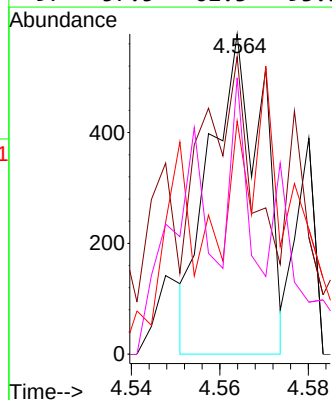
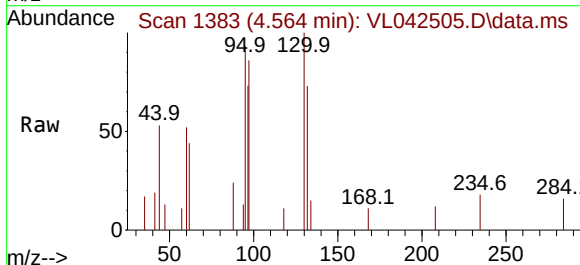
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

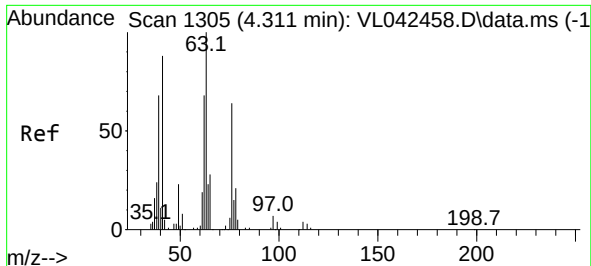
Tgt Ion: 62 Resp: 1660
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.074 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.020 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion:130 Resp: 477
Ion Ratio Lower Upper
130 100
95 78.4 91.0 136.4#
132 45.5 74.2 111.4#
97 57.5 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.082 ppbv

RT: 3.975 min Scan# 1

Delta R.T. -0.336 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

MDL2 0.1

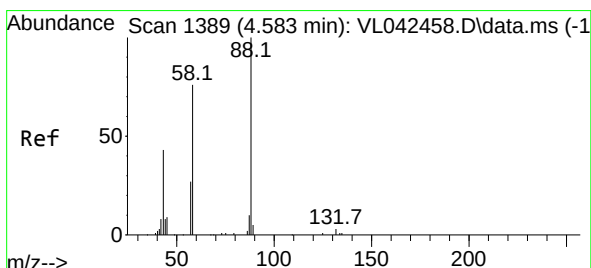
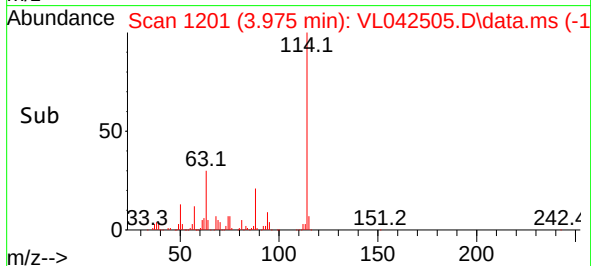
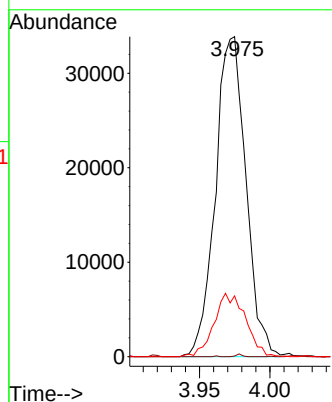
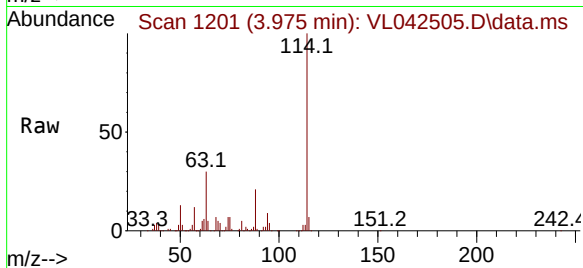
Tgt Ion: 63 Resp: 51019

Ion Ratio Lower Upper

63 100

41 0.2 69.8 104.6#

62 19.0 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.034 ppbv

RT: 4.635 min Scan# 1405

Delta R.T. 0.052 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion: 88 Resp: 101

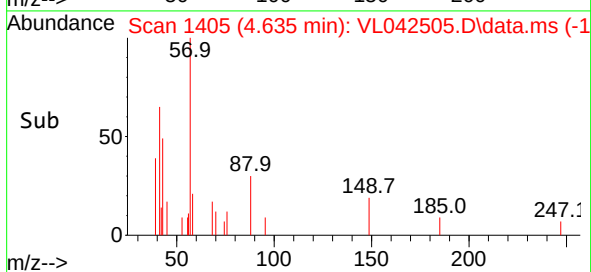
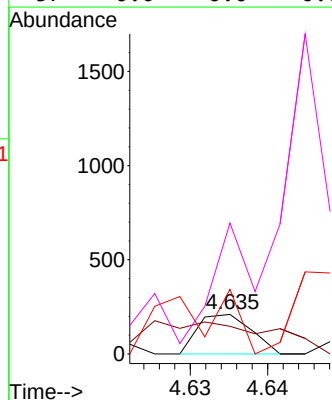
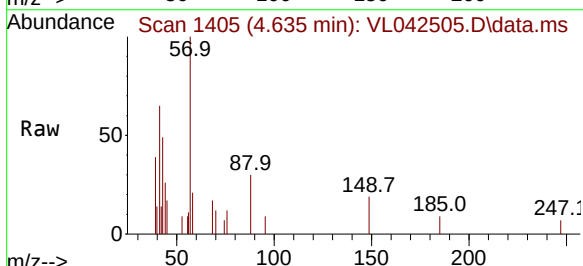
Ion Ratio Lower Upper

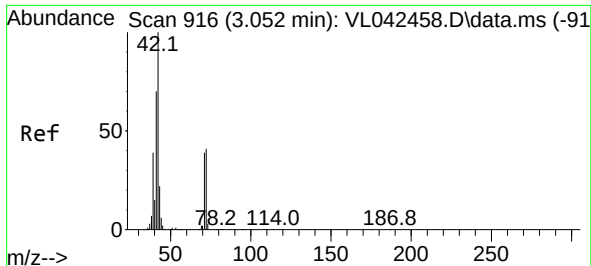
88 100

58 254.5 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.050 ppbv

RT: 3.075 min Scan# 916

Delta R.T. 0.023 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

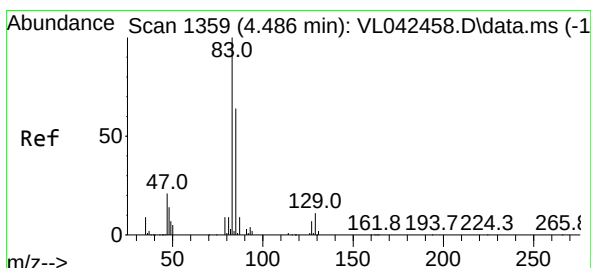
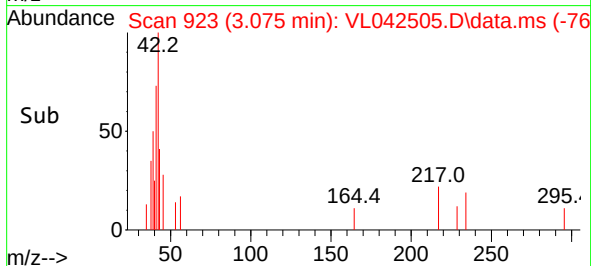
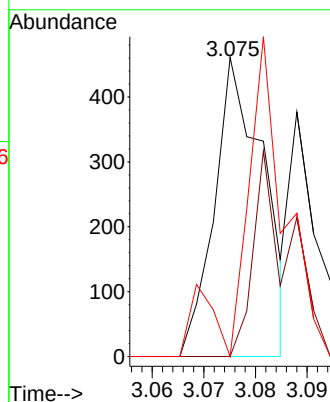
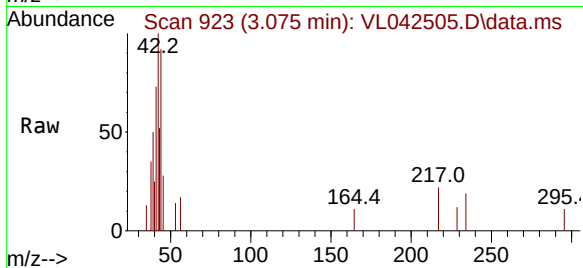
Tgt Ion: 42 Resp: 305

Ion Ratio Lower Upper

42 100

72 49.8 33.5 50.3

71 87.2 32.6 49.0#



#42

Bromodichloromethane

Concen: 0.068 ppbv

RT: 4.502 min Scan# 1364

Delta R.T. 0.016 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

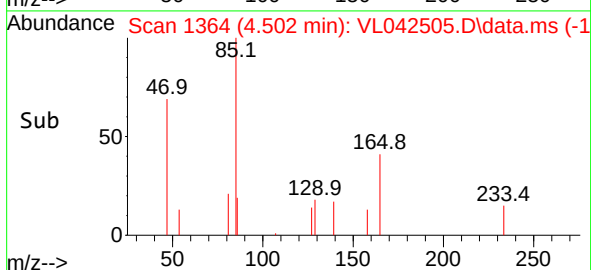
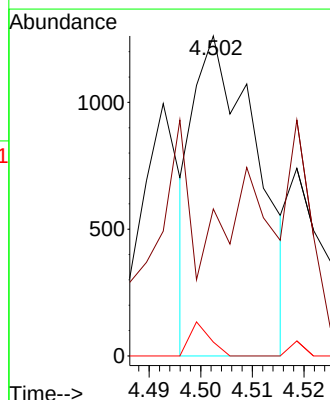
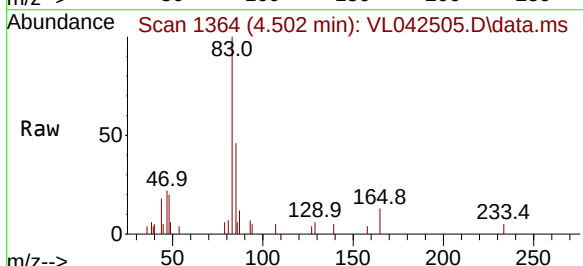
Tgt Ion: 83 Resp: 1082

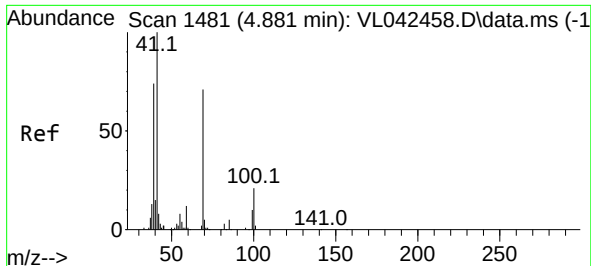
Ion Ratio Lower Upper

83 100

85 17.5 51.5 77.3#

127 7.8 5.4 8.2

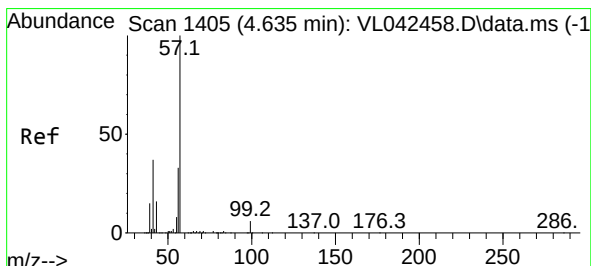
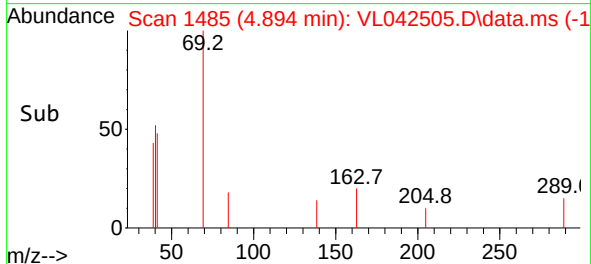
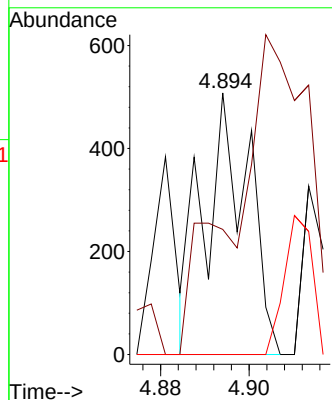
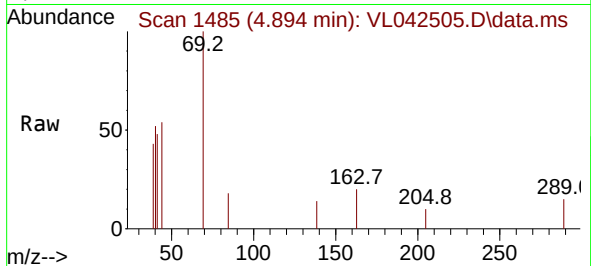




#43
Methyl Methacrylate
Concen: 0.056 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. 0.013 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

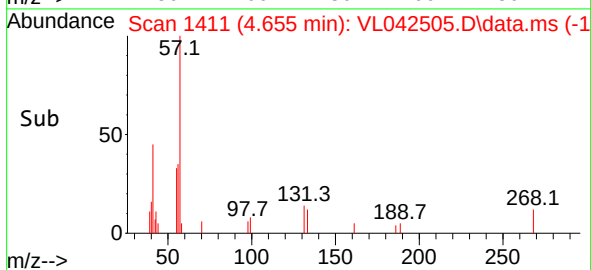
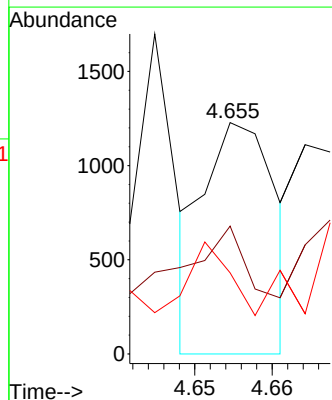
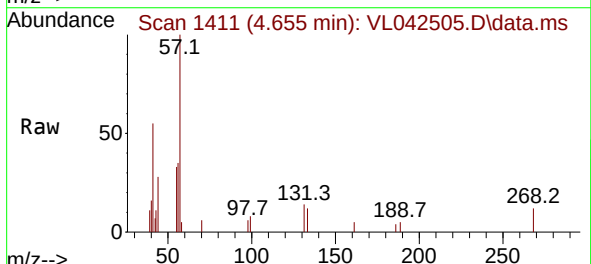
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

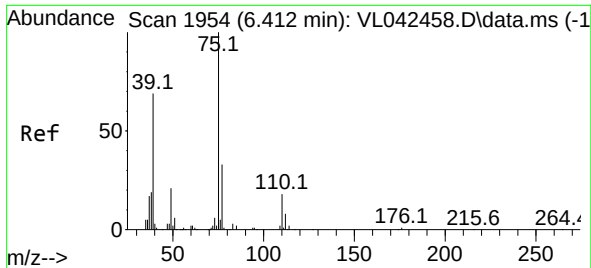
Tgt Ion: 69 Resp: 350
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.029 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 57 Resp: 786
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#

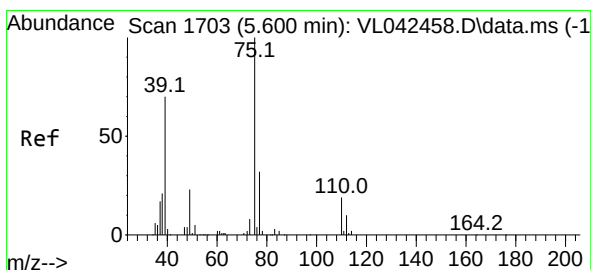
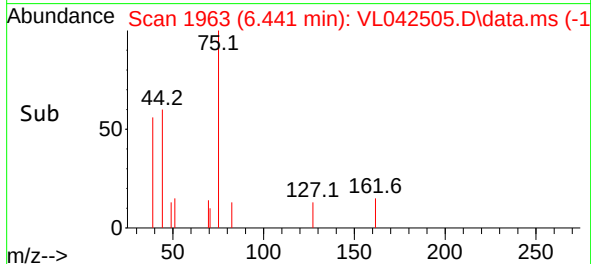
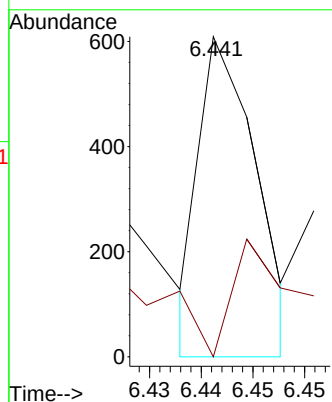
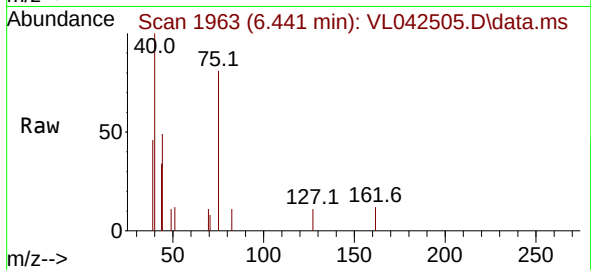




#45
 t-1,3-Dichloropropene
 Concen: 0.028 ppbv
 RT: 6.441 min Scan# 1954
 Delta R.T. 0.029 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

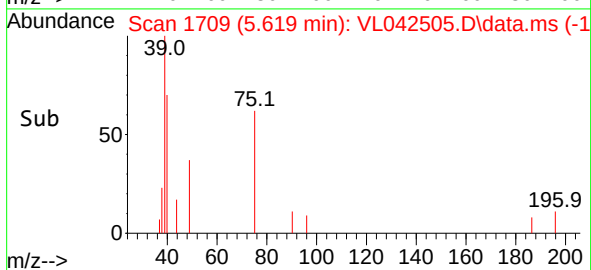
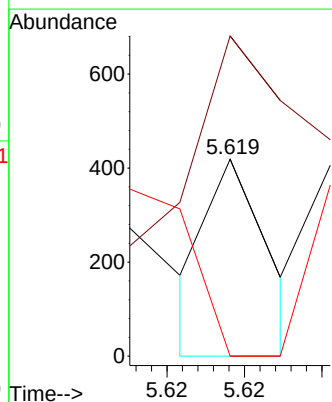
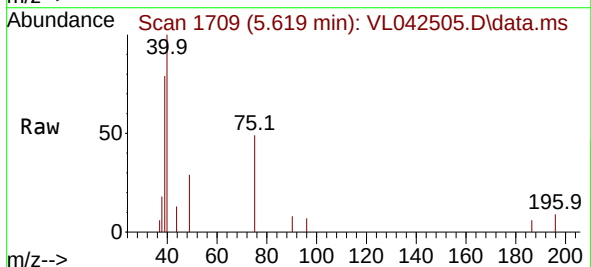
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.1

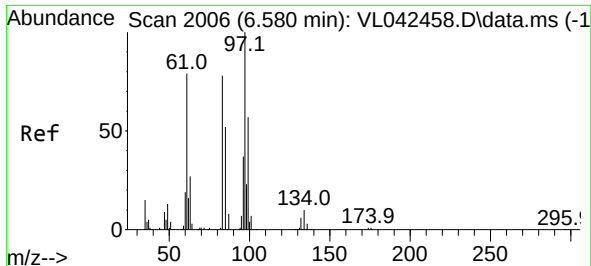
Tgt Ion: 75 Resp: 234
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.3 39.5#



#46
 cis-1,3-Dichloropropene
 Concen: 0.012 ppbv
 RT: 5.619 min Scan# 1709
 Delta R.T. 0.020 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 75 Resp: 114
 Ion Ratio Lower Upper
 75 100
 39 54.6 55.7 83.5#
 77 0.0 25.8 38.8#

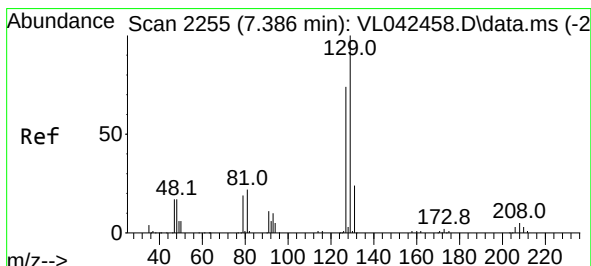
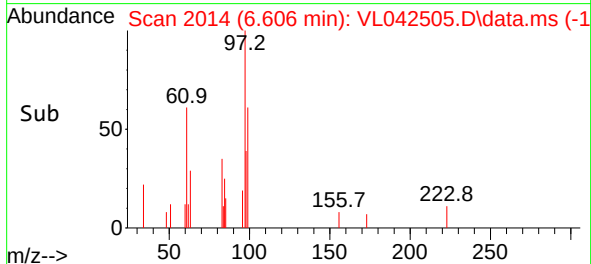
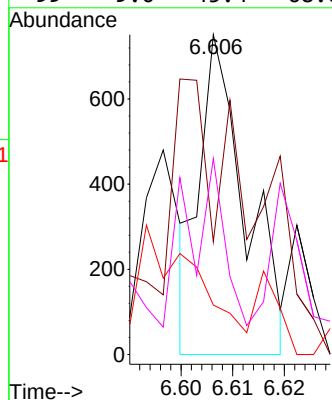
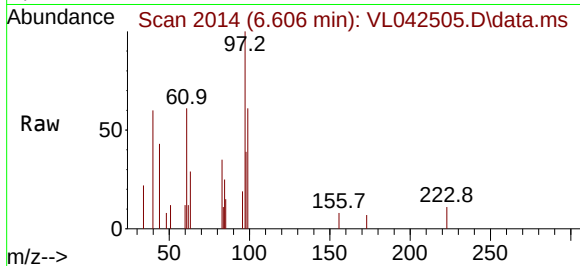




#47
 1,1,2-Trichloroethane
 Concen: 0.066 ppbv
 RT: 6.606 min Scan# 2006
 Delta R.T. 0.026 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

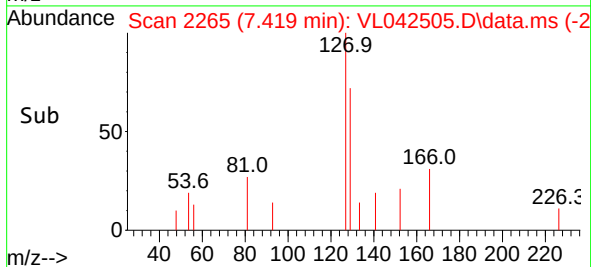
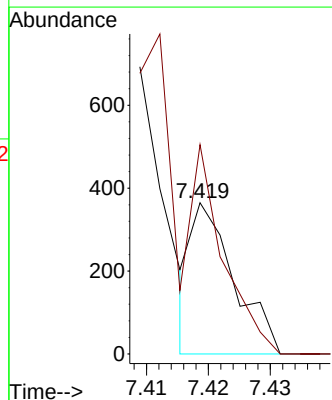
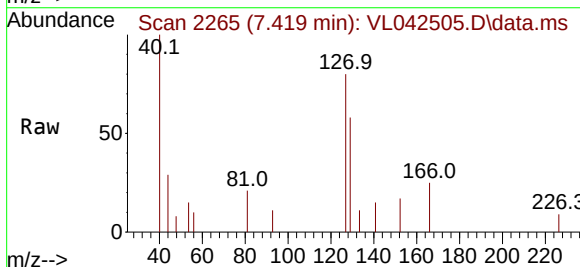
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

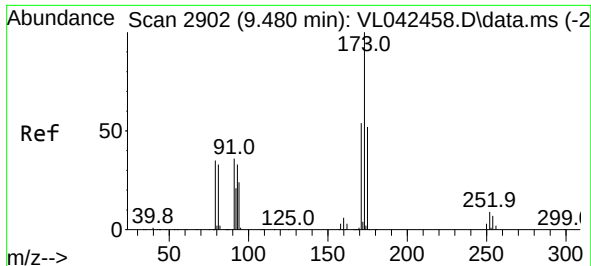
Tgt Ion:	97	Resp:	458
Ion	Ratio	Lower	Upper
97	100		
83	0.0	62.2	93.2#
85	1.1	41.5	62.3#
99	9.0	45.4	68.0#



#48
 Dibromochloromethane
 Concen: 0.015 ppbv
 RT: 7.419 min Scan# 2265
 Delta R.T. 0.032 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion:	129	Resp:	173
Ion	Ratio	Lower	Upper
129	100		
127	648.6	39.5	118.5#





#49

Bromoform

Concen: 0.003 ppbv

RT: 9.519 min Scan# 2902

Delta R.T. 0.039 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

MDL2 0.1

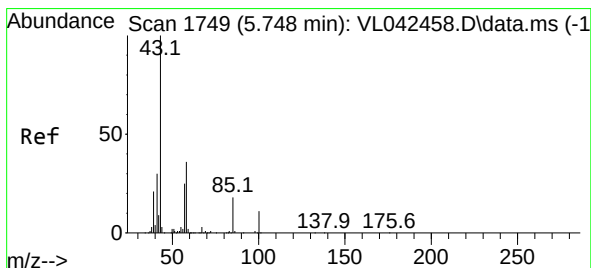
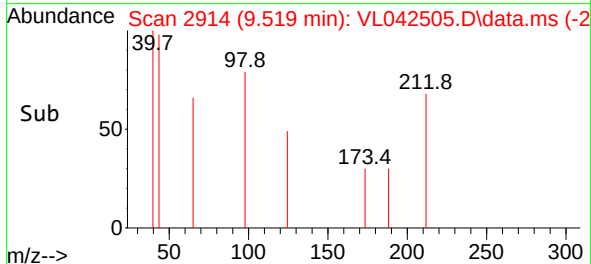
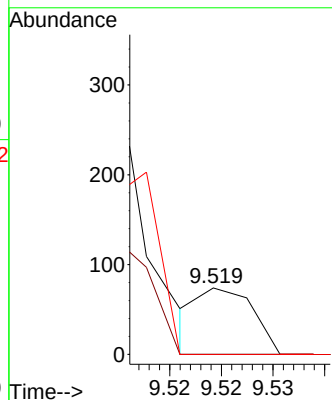
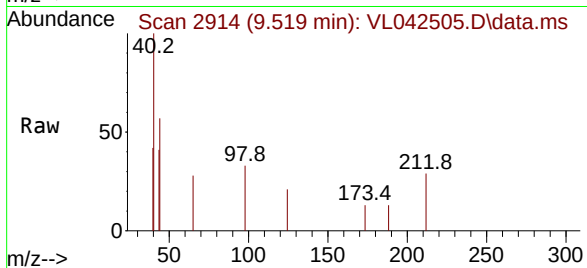
Tgt Ion:173 Resp: 27

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.028 ppbv

RT: 5.787 min Scan# 1761

Delta R.T. 0.039 min

Lab File: VL042505.D

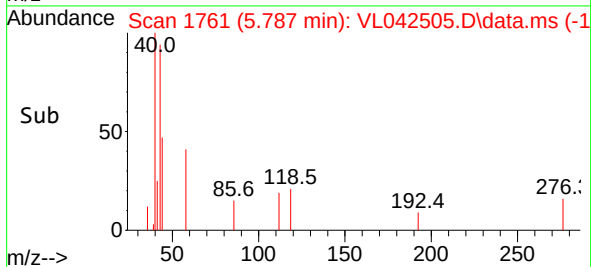
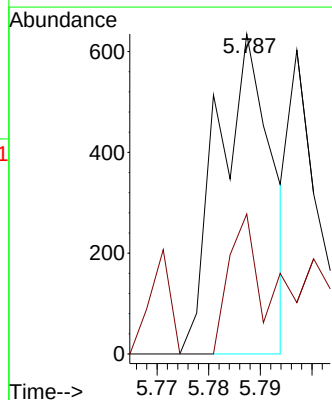
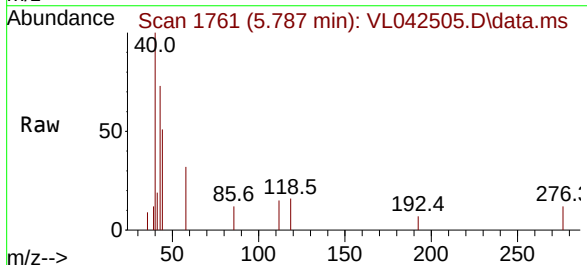
Acq: 06 May 2025 19:42

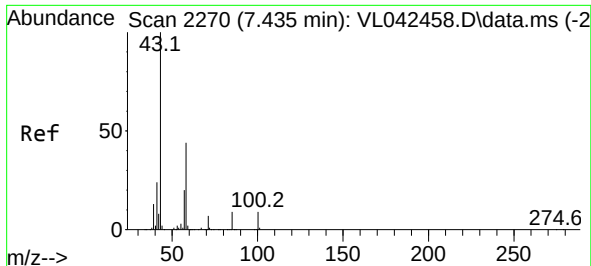
Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

43 100

58 82.4 29.5 44.3#

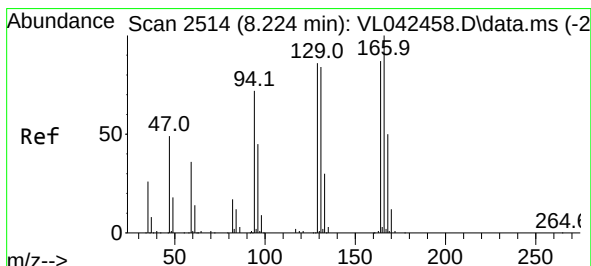
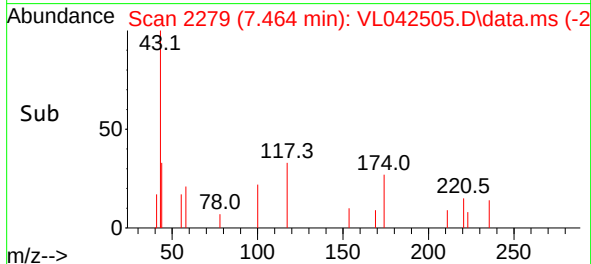
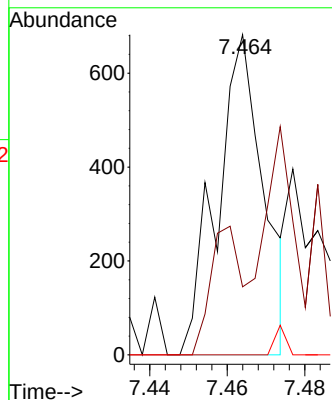
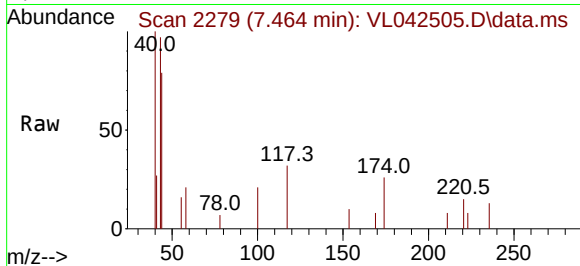




#51
2-Hexanone
Concen: 0.043 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

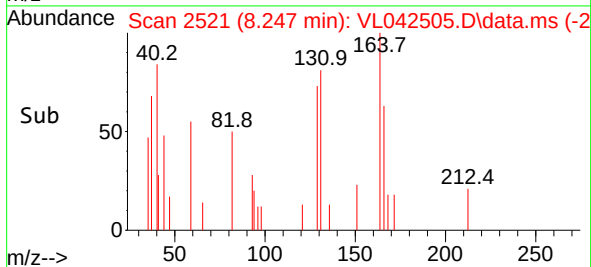
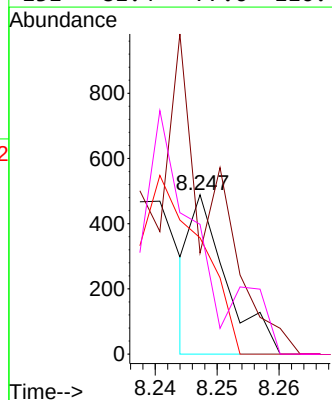
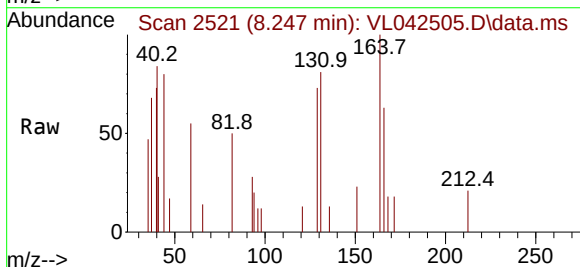
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

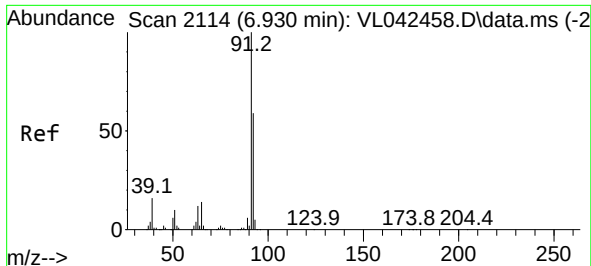
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.030 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.023 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 164 Resp: 193
Ion Ratio Lower Upper
164 100
166 47.2 91.6 137.4#
129 73.0 79.0 118.4#
131 81.4 77.6 116.4

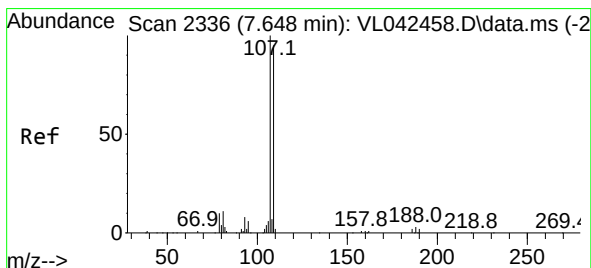
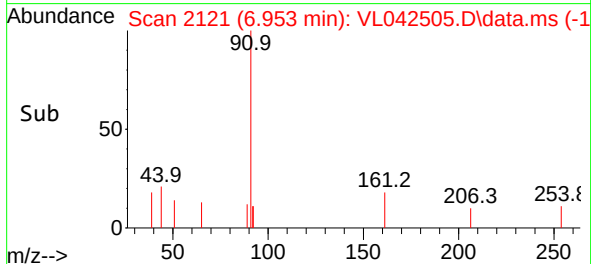
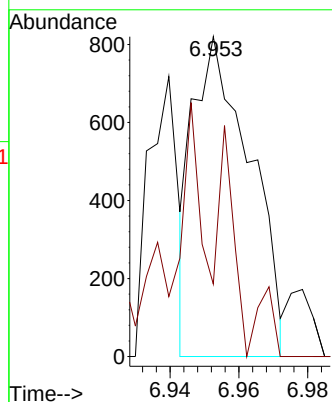
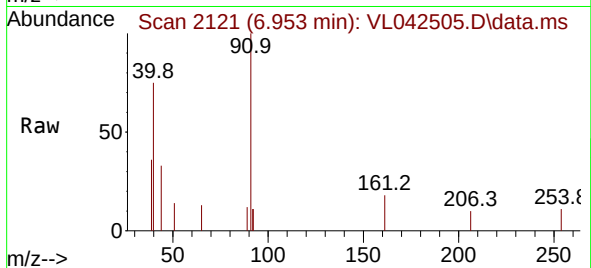




#53
Toluene
Concen: 0.053 ppbv
RT: 6.953 min Scan# 2114
Delta R.T. 0.023 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

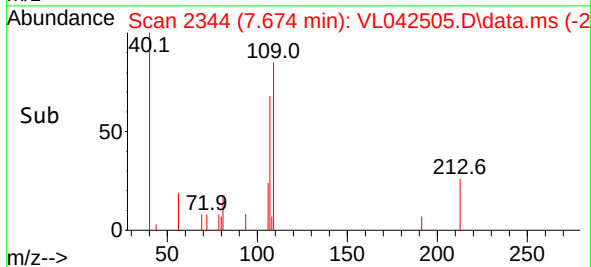
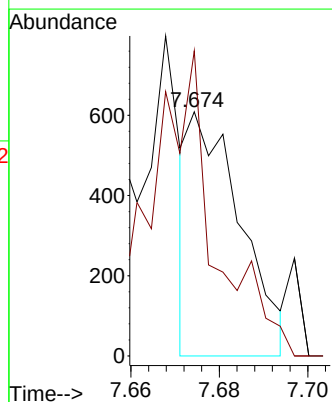
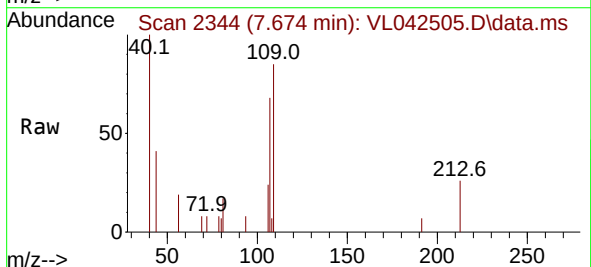
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.1

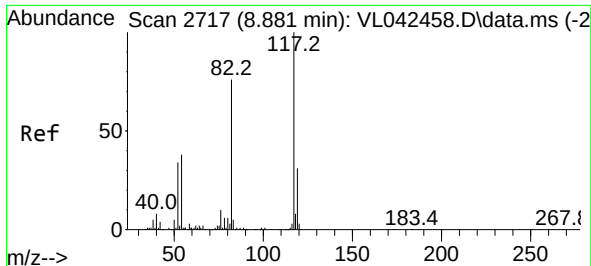
Tgt Ion: 91 Resp: 949
Ion Ratio Lower Upper
91 100
92 77.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.047 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.026 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 107 Resp: 494
Ion Ratio Lower Upper
107 100
109 138.2 76.0 114.0#

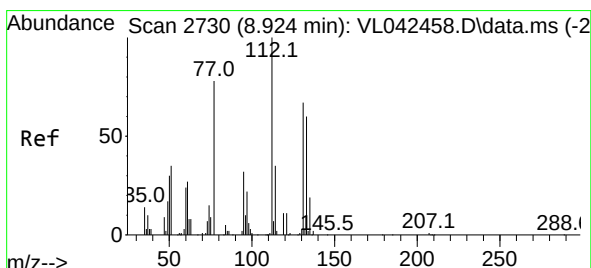
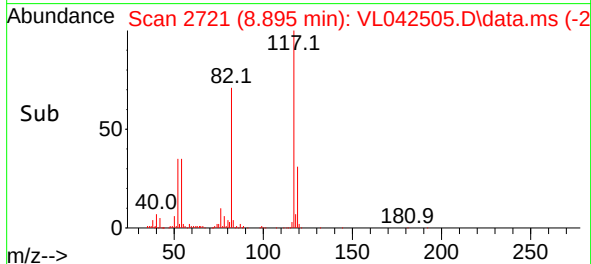
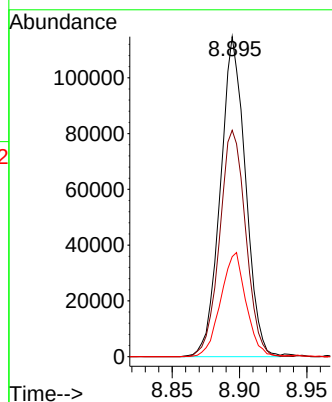
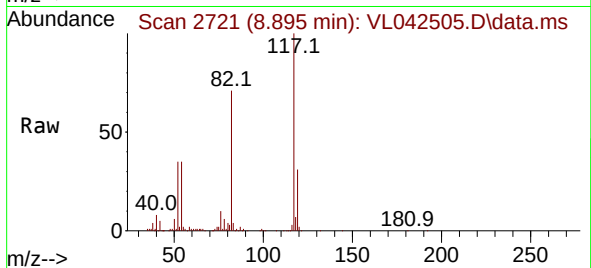




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

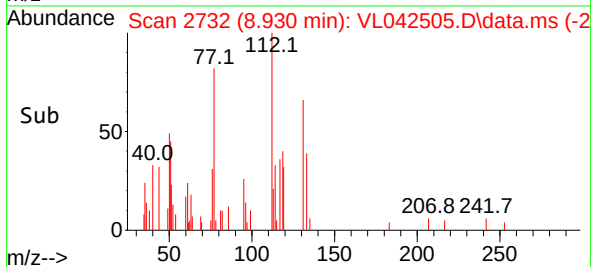
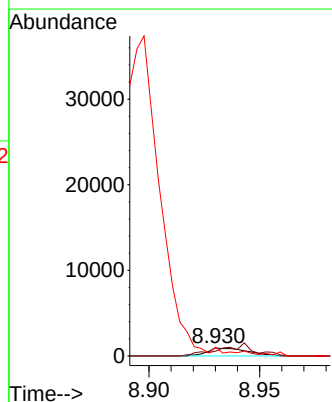
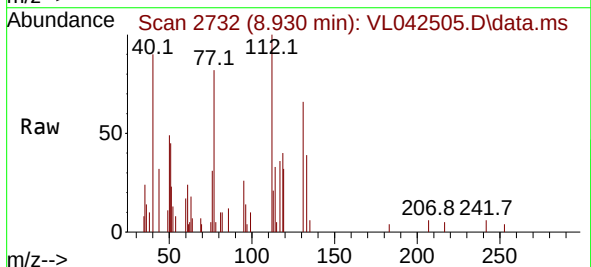
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

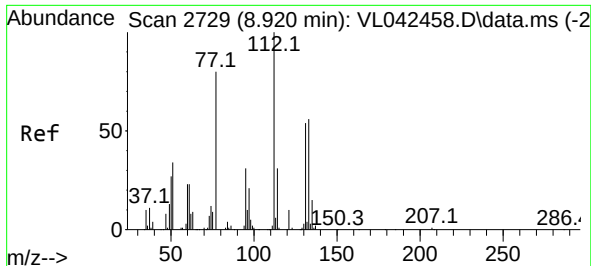
Tgt Ion:117 Resp: 148905
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 33.3 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.136 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion:131 Resp: 1197
Ion Ratio Lower Upper
131 100
133 130.0 76.0 114.0#
119 4154.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.076 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

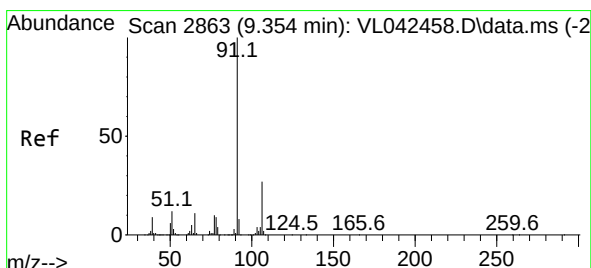
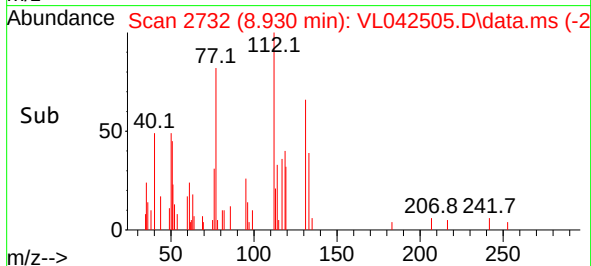
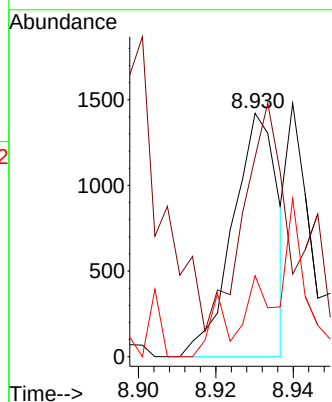
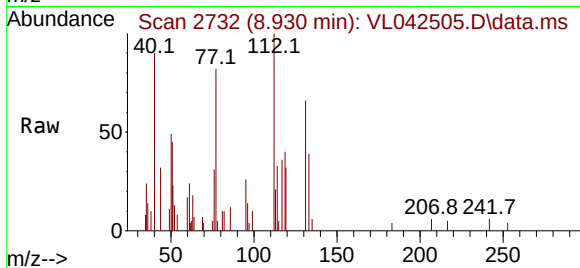
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

Tgt Ion:	112	Resp:	1142
Ion Ratio	Lower	Upper	
112	100		
77	48.6	65.0	97.4#
114	33.3	27.5	33.7



#58

Ethyl Benzene

Concen: 0.066 ppbv

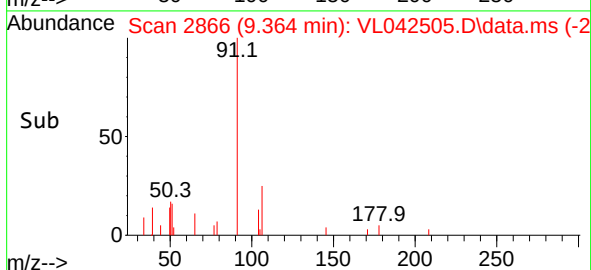
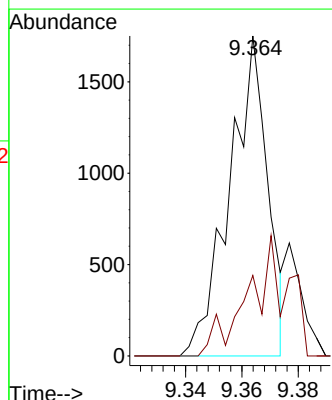
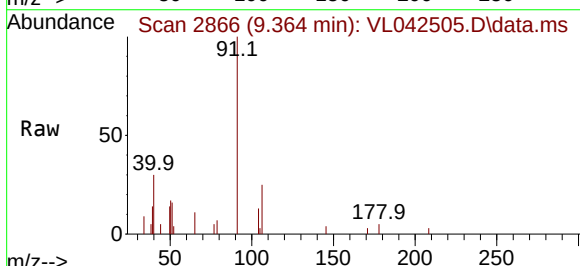
RT: 9.364 min Scan# 2866

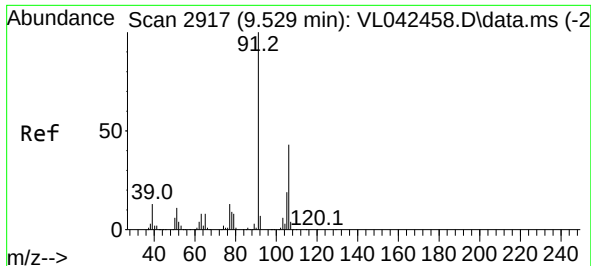
Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion:	91	Resp:	1644
Ion Ratio	Lower	Upper	
91	100		
106	25.1	21.9	32.9

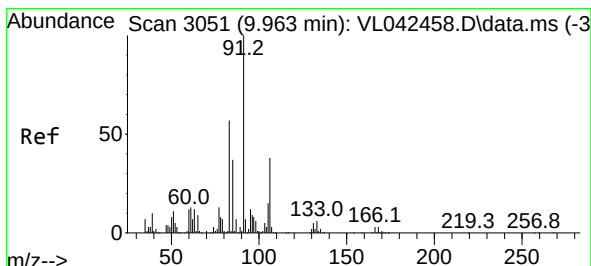
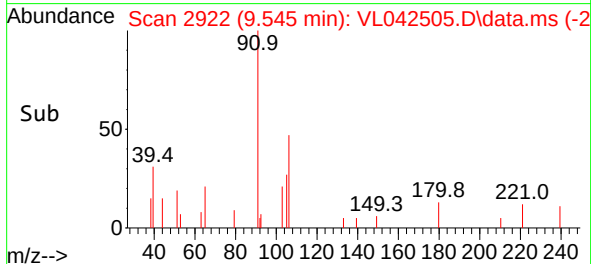
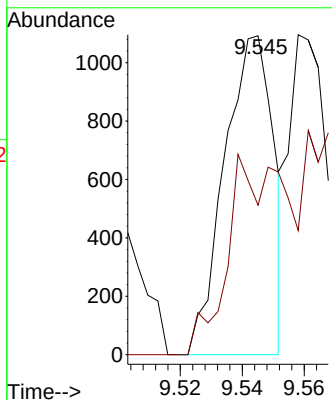
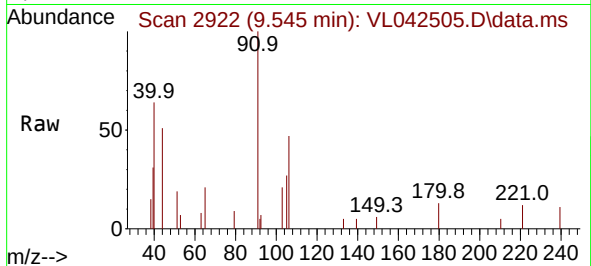




#59
m/p-Xylene
Concen: 0.057 ppbv
RT: 9.545 min Scan# 2917
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

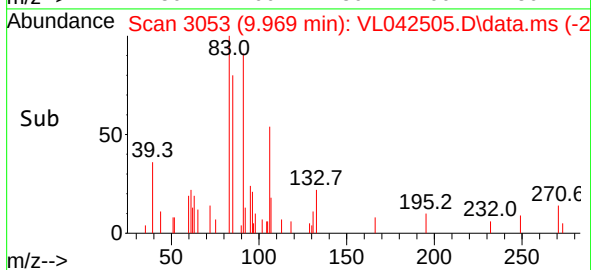
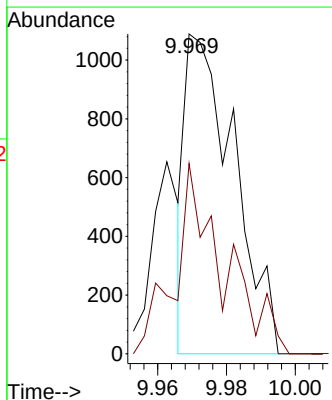
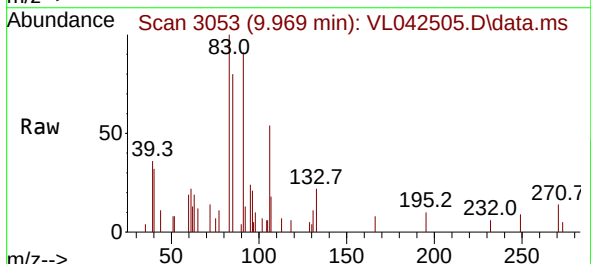
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

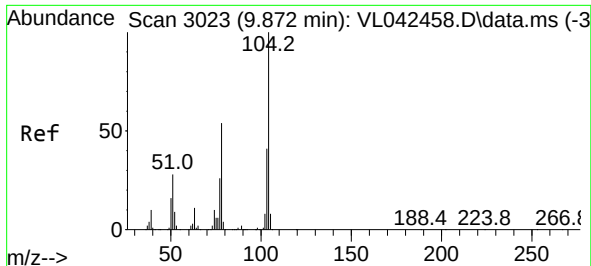
Tgt Ion: 91 Resp: 1199
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2#



#60
o-Xylene
Concen: 0.051 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 91 Resp: 1072
Ion Ratio Lower Upper
91 100
106 62.0 20.1 60.2#

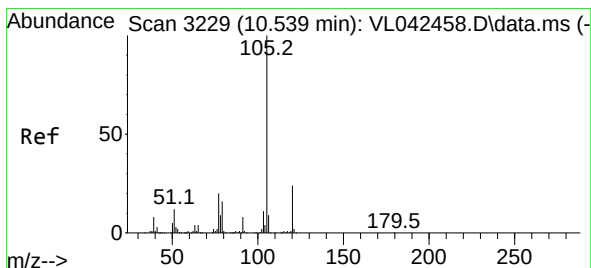
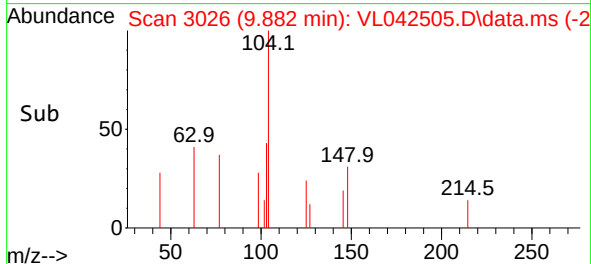
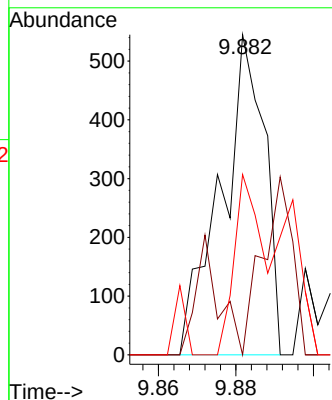
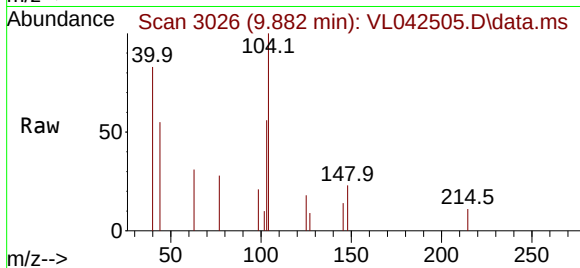




#61
Styrene
Concen: 0.055 ppbv
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

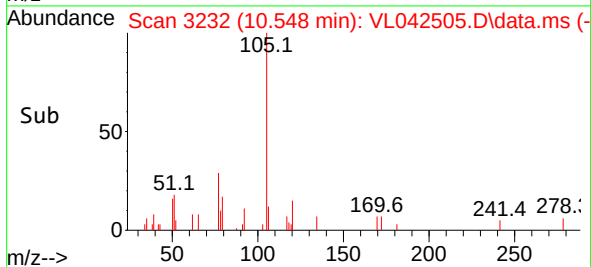
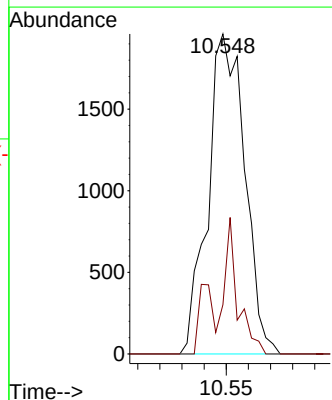
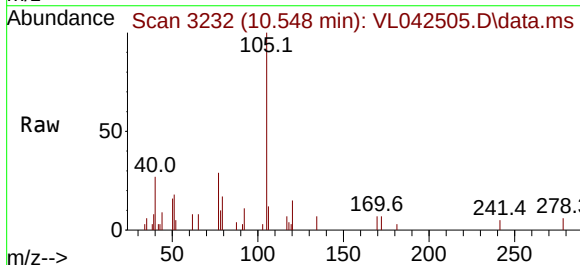
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

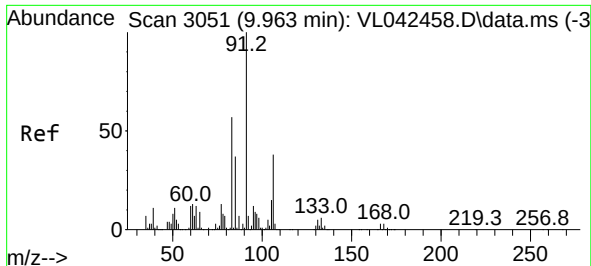
Tgt Ion:104 Resp: 425
Ion Ratio Lower Upper
104 100
78 19.5 46.9 70.3#
103 67.5 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.075 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion:105 Resp: 2264
Ion Ratio Lower Upper
105 100
120 23.8 18.8 28.2

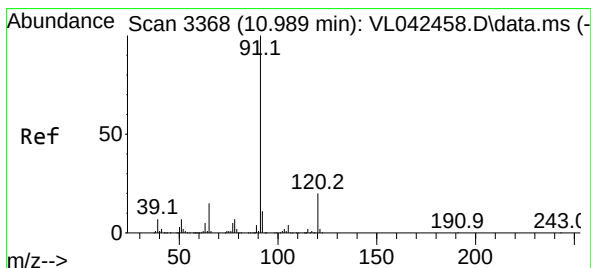
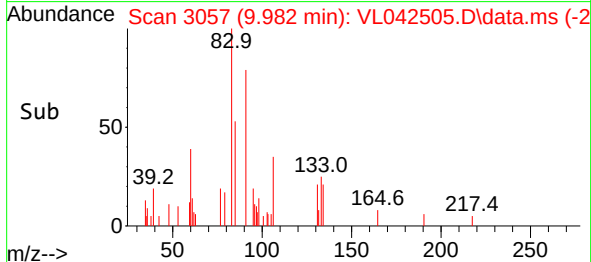
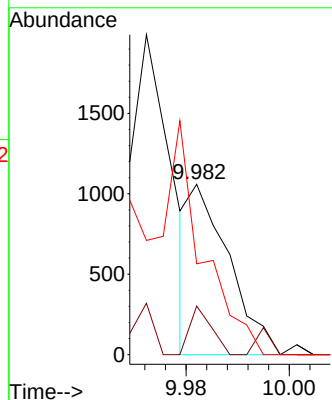
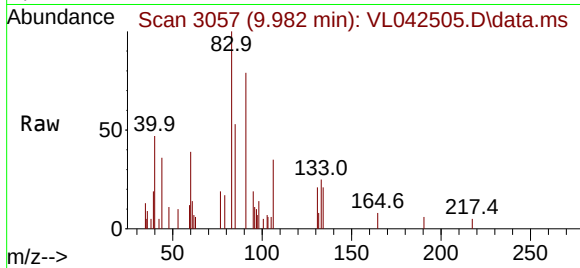




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.039 ppbv
 RT: 9.982 min Scan# 3051
 Delta R.T. 0.020 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

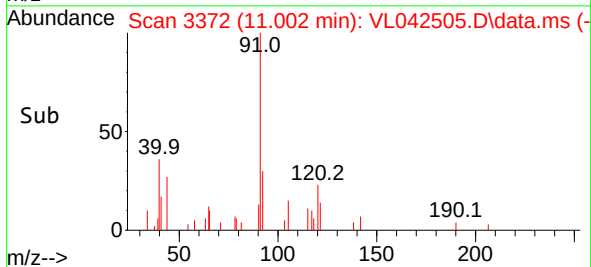
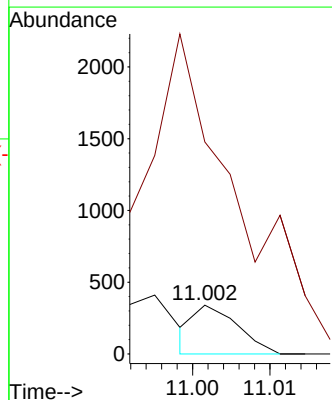
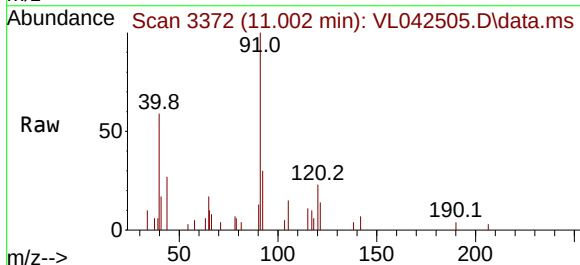
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.1

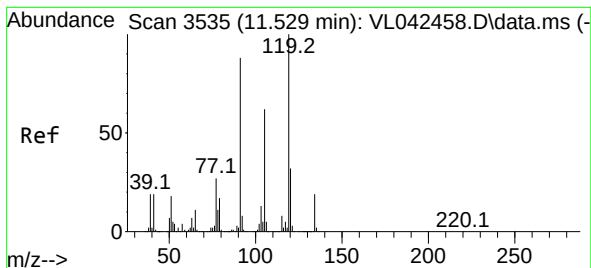
Tgt Ion: 83 Resp: 563
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.1#
 85 217.4 32.5 97.4#



#64
 n-propylbenzene
 Concen: 0.018 ppbv
 RT: 11.002 min Scan# 3372
 Delta R.T. 0.013 min
 Lab File: VL042505.D
 Acq: 06 May 2025 19:42

Tgt Ion: 120 Resp: 132
 Ion Ratio Lower Upper
 120 100
 91 1595.5 408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.005 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. -0.003 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

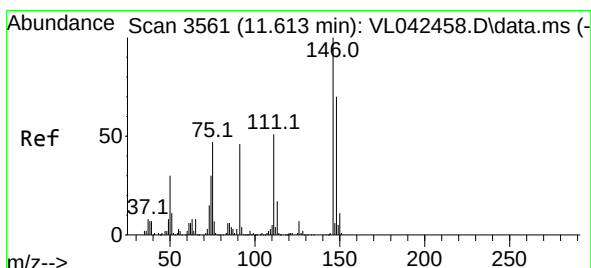
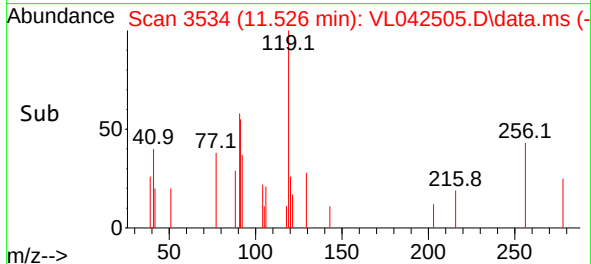
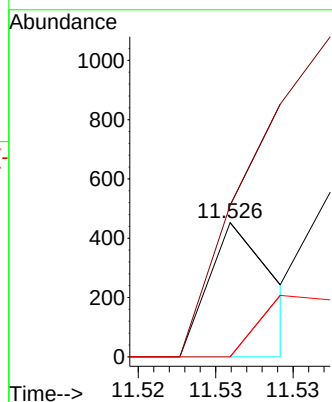
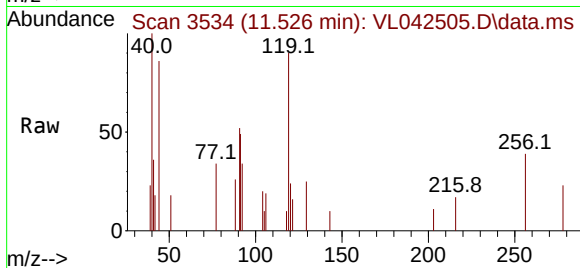
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

Tgt Ion:	119	Resp:	135
Ion	Ratio	Lower	Upper
119	100		
91	1092.6	71.6	107.4#
134	0.0	15.0	22.4#



#66

Benzyl Chloride

Concen: 0.006 ppbv

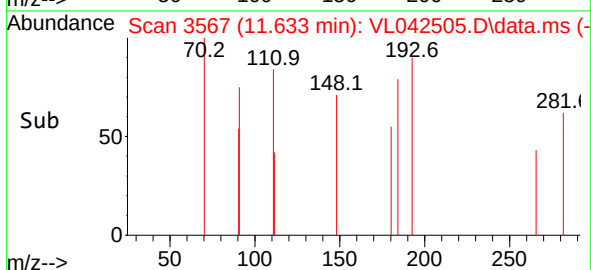
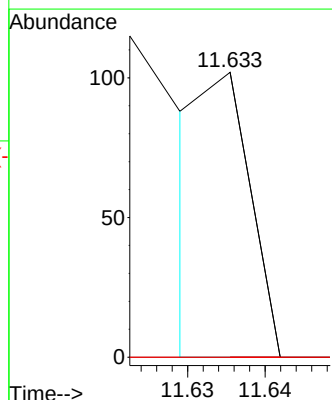
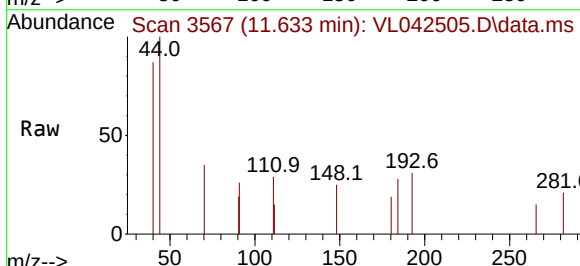
RT: 11.633 min Scan# 3567

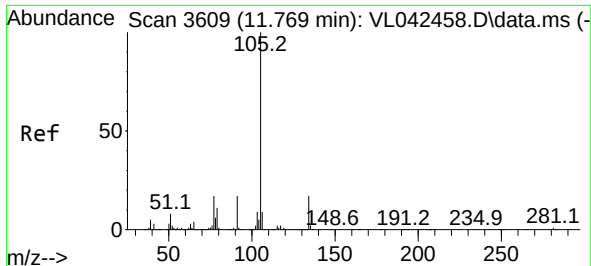
Delta R.T. 0.020 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion:	91	Resp:	20
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	19.9#
128	0.0	4.2	6.4#





#67

sec-Butylbenzene

Concen: 0.041 ppbv

RT: 11.549 min Scan# 3182

Delta R.T. -0.220 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

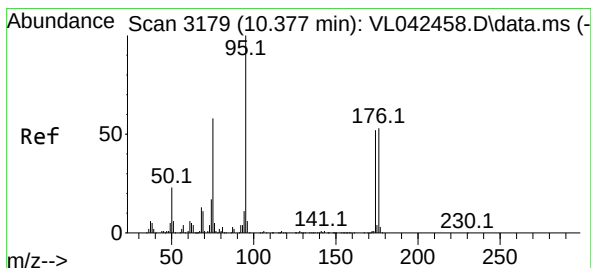
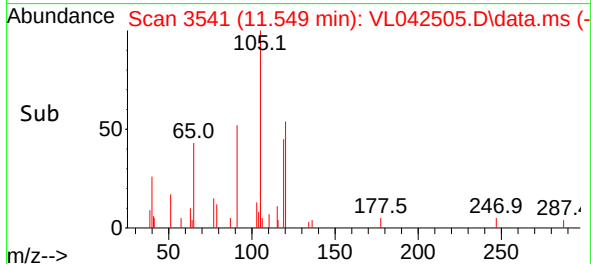
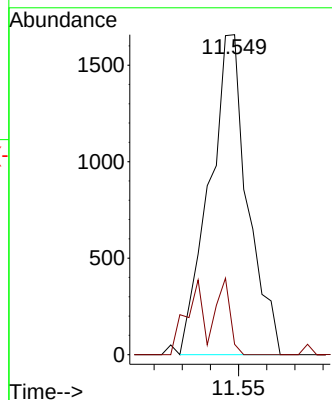
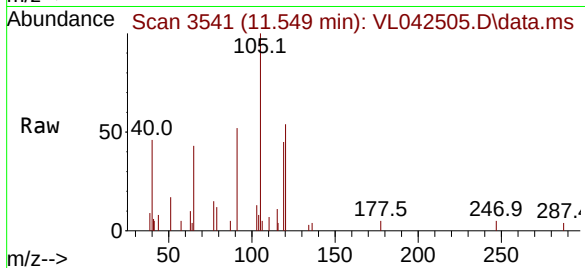
MDL2 0.1

Tgt Ion:105 Resp: 1560

Ion Ratio Lower Upper

105 100

134 19.2 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.841 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

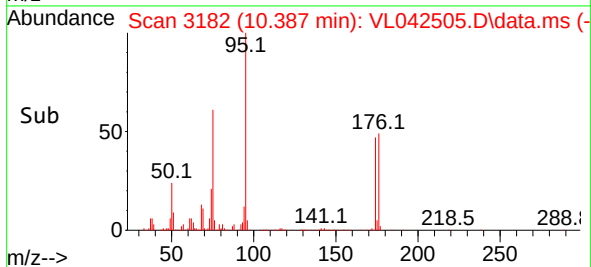
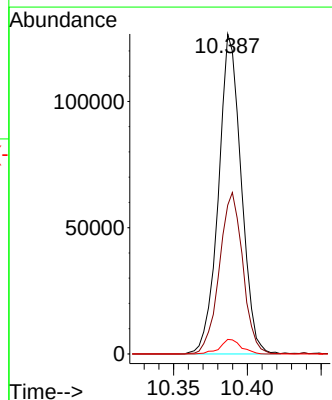
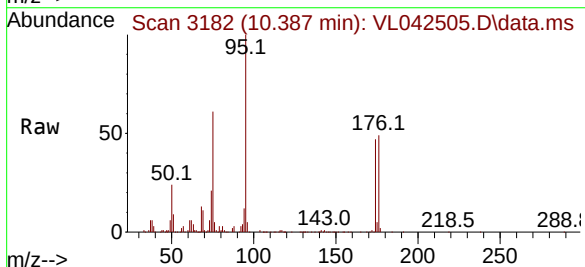
Tgt Ion: 95 Resp: 135859

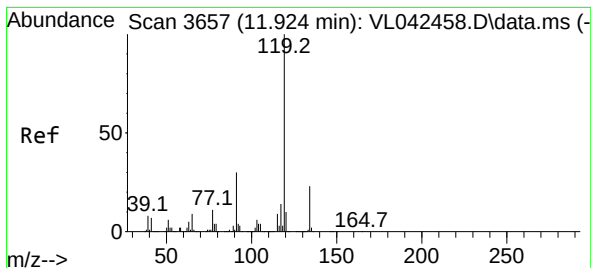
Ion Ratio Lower Upper

95 100

174 52.2 42.7 64.1

175 4.3 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.050 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1

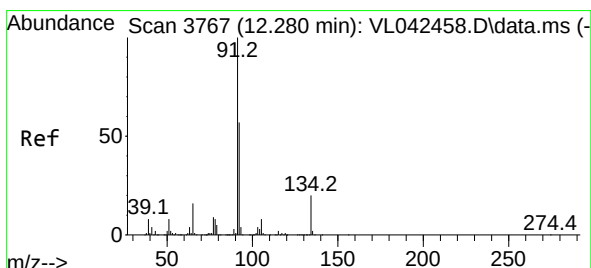
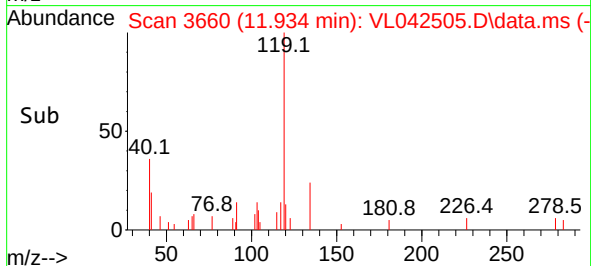
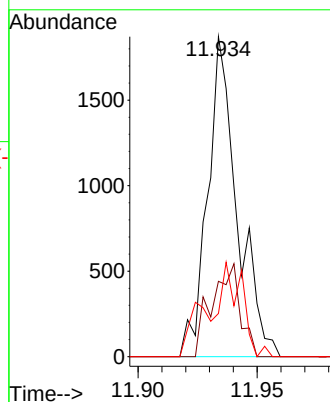
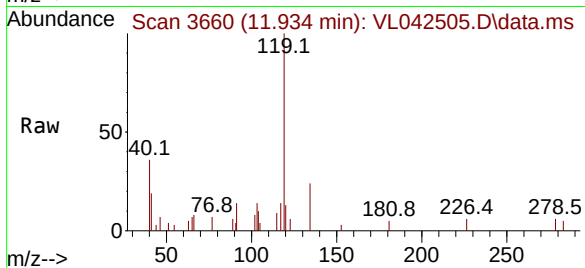
Tgt Ion:119 Resp: 1621

Ion Ratio Lower Upper

119 100

134 27.8 19.0 28.4

91 33.3 25.5 38.3



#70

n-Butylbenzene

Concen: 0.049 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.010 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

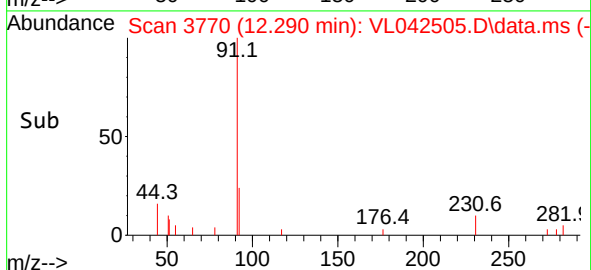
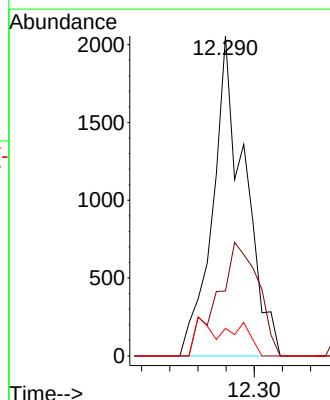
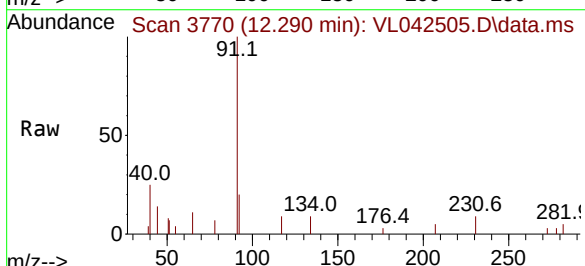
Tgt Ion: 91 Resp: 1616

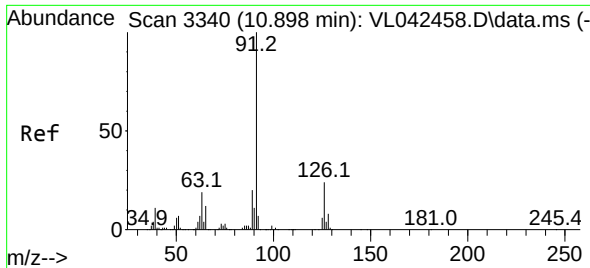
Ion Ratio Lower Upper

91 100

92 45.5 44.0 66.0

134 14.2 16.8 25.2#

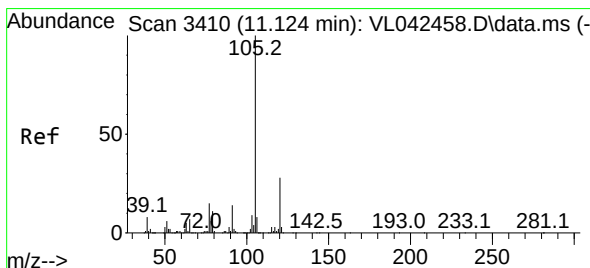
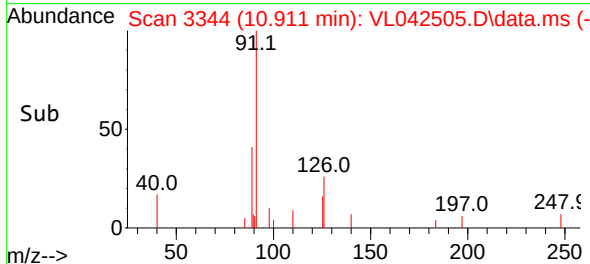
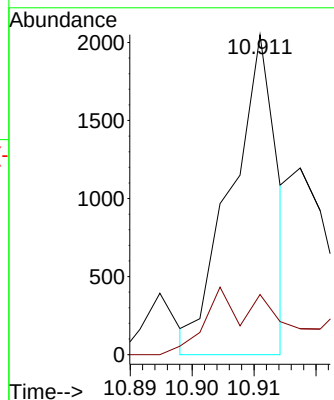
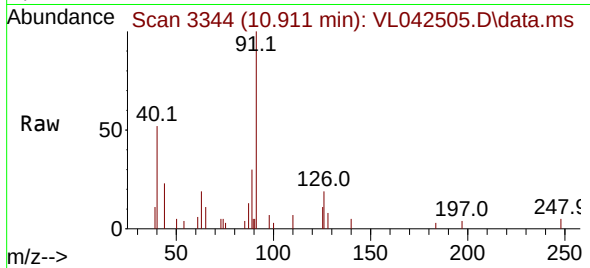




#71
2-Chlorotoluene
Concen: 0.045 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

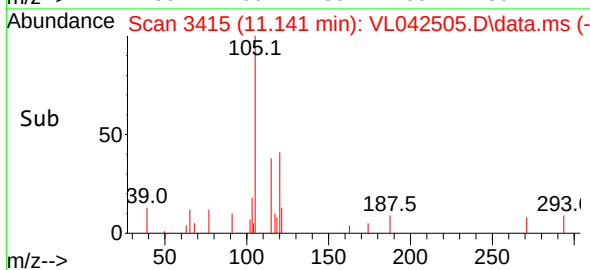
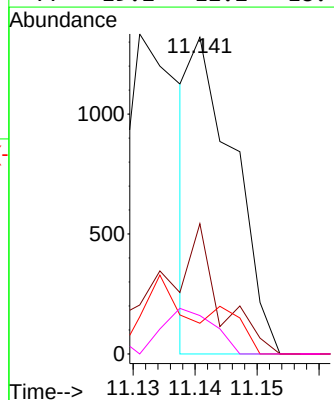
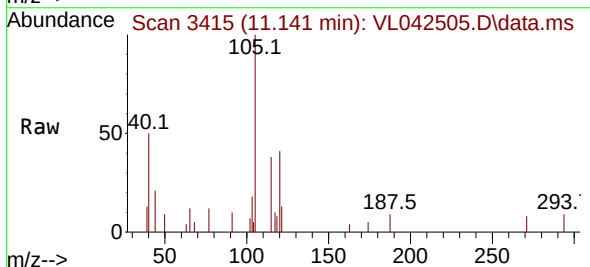
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.1

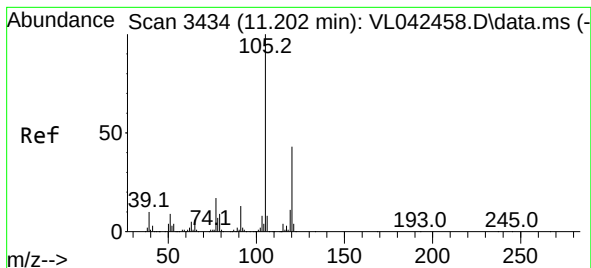
Tgt Ion: 91 Resp: 1065
Ion Ratio Lower Upper
91 100
126 37.9 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.026 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion: 105 Resp: 634
Ion Ratio Lower Upper
105 100
120 64.5 22.0 33.0#
91 43.1 11.2 16.8#
77 19.2 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.009 ppbv

RT: 11.225 min Scan# 34

Delta R.T. 0.023 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

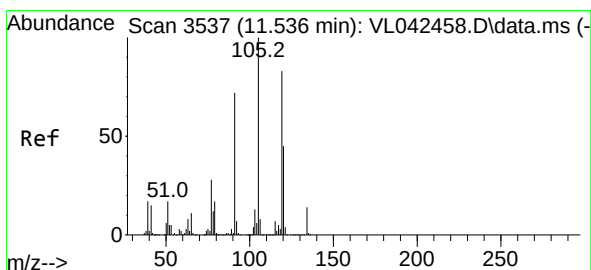
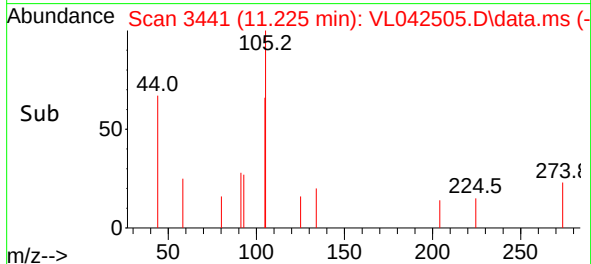
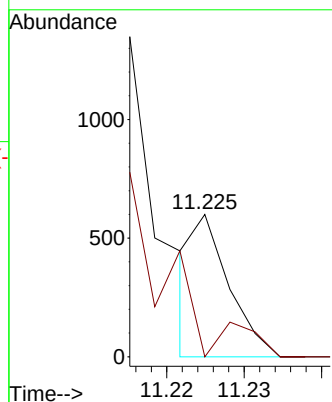
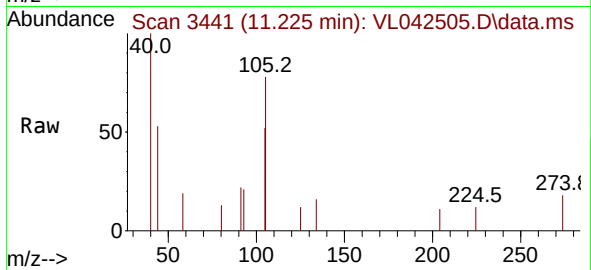
MDL2 0.1

Tgt Ion:105 Resp: 191

Ion Ratio Lower Upper

105 100

120 0.0 34.4 51.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.060 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Tgt Ion:105 Resp: 1560

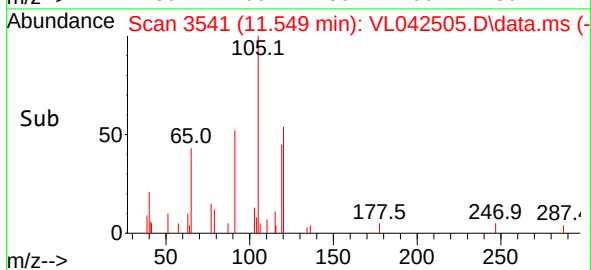
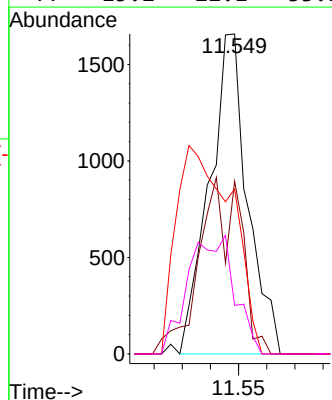
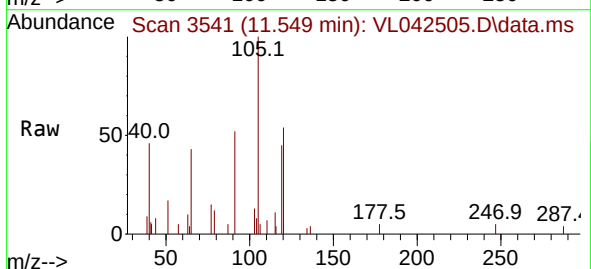
Ion Ratio Lower Upper

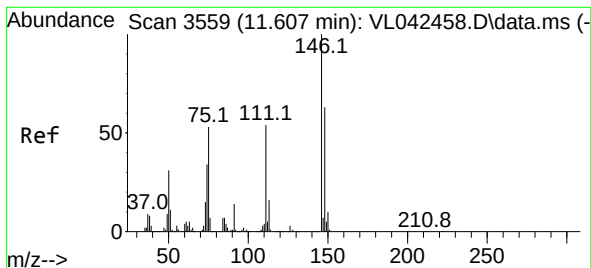
105 100

120 54.0 36.1 54.1

91 51.6 57.6 86.4#

77 15.2 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.017 ppbv

RT: 11.623 min Scan# 3559

Delta R.T. 0.016 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

Instrument :

MSVOA_1

ClientSampleId :

MDL2 0.1

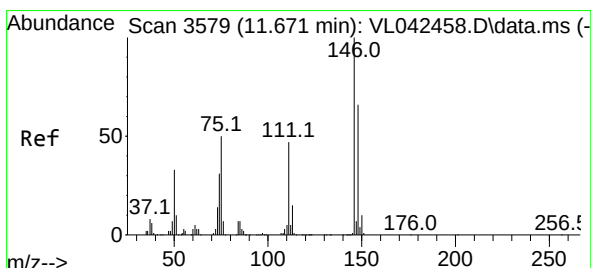
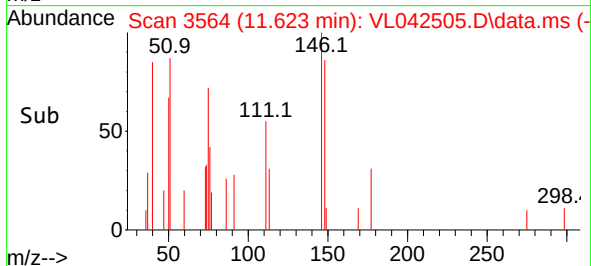
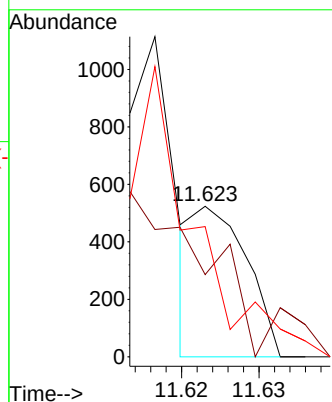
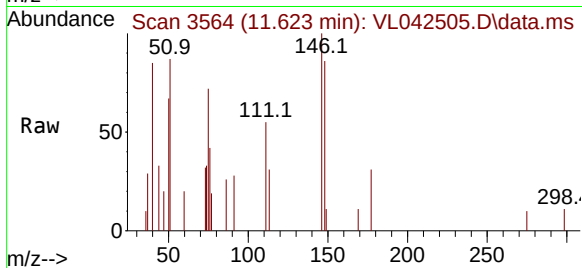
Tgt Ion:146 Resp: 246

Ion Ratio Lower Upper

146 100

111 0.0 26.1 78.3#

148 0.0 32.0 96.0#



#76

1,4-Dichlorobenzene

Concen: 0.060 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.013 min

Lab File: VL042505.D

Acq: 06 May 2025 19:42

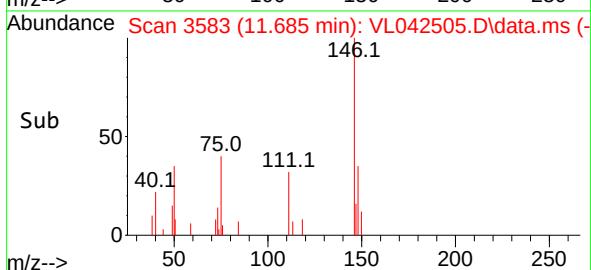
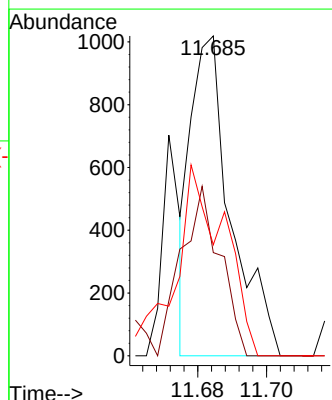
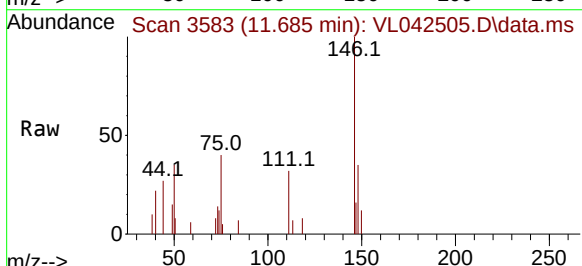
Tgt Ion:146 Resp: 824

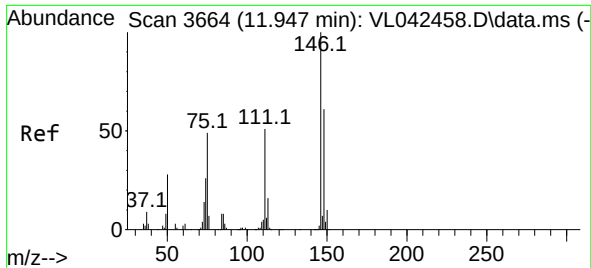
Ion Ratio Lower Upper

146 100

111 55.8 24.4 73.2

148 72.9 32.0 96.2

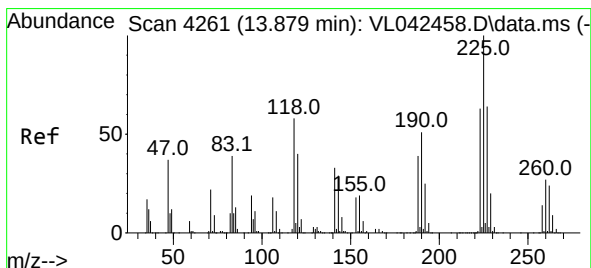
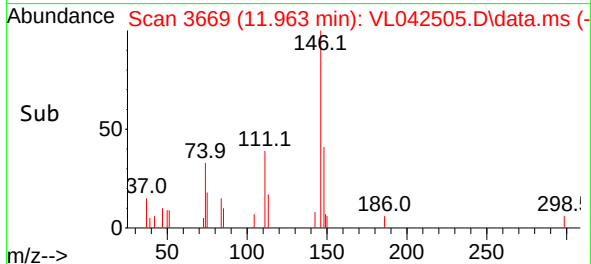
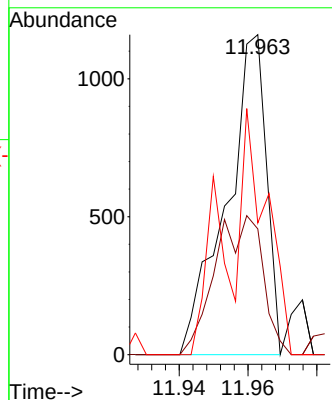
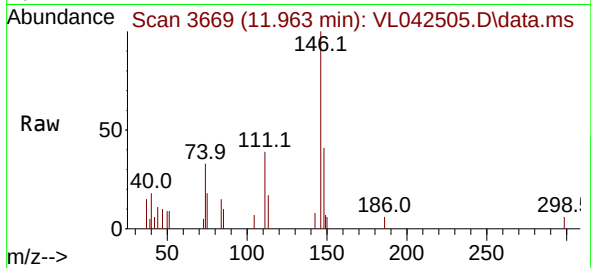




#77
1,2-Dichlorobenzene
Concen: 0.065 ppbv
RT: 11.963 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

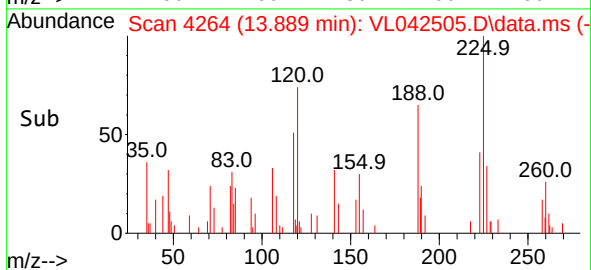
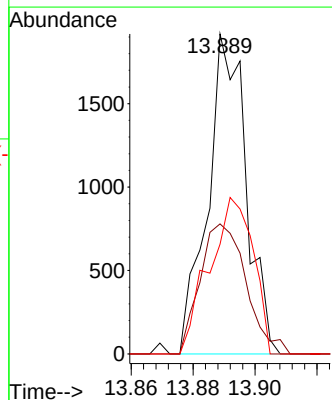
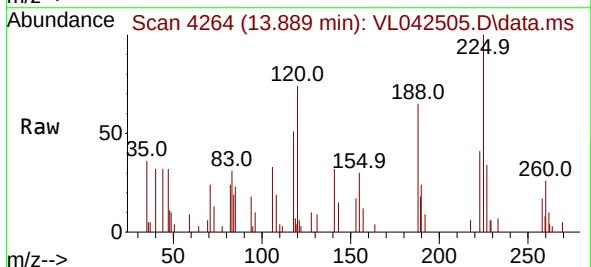
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

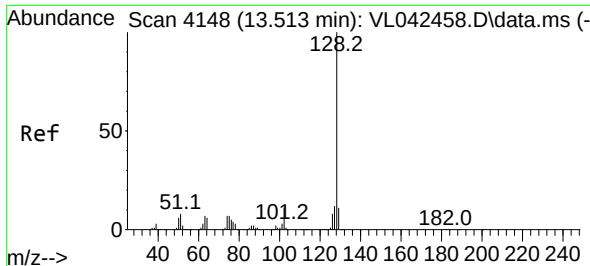
Tgt Ion:	146	Resp:	931
Ion	Ratio	Lower	Upper
146	100		
111	55.2	26.5	79.5
148	76.2	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.116 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.010 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion:	225	Resp:	1649
Ion	Ratio	Lower	Upper
225	100		
223	48.8	50.2	75.4#
227	56.1	51.2	76.8

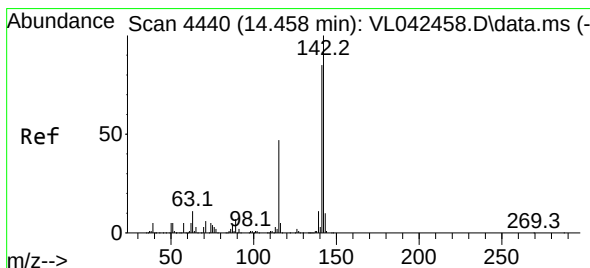
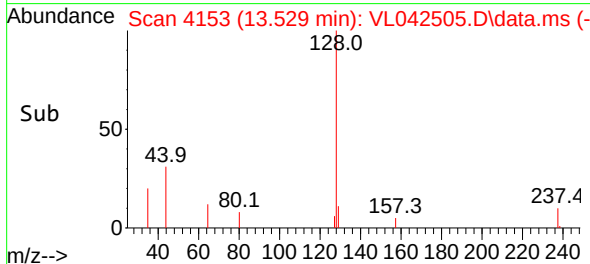
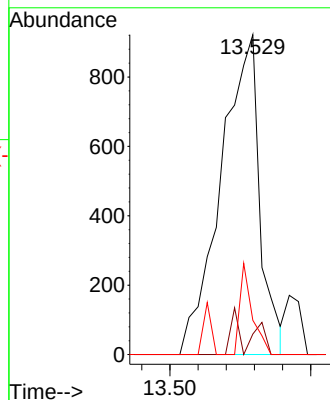
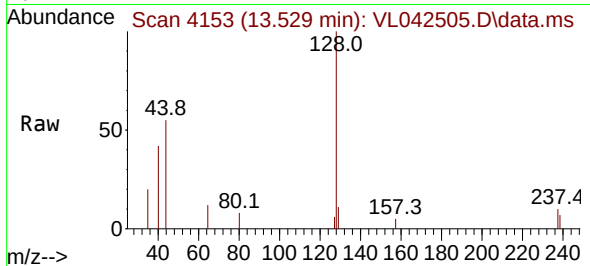




#79
Naphthalene
Concen: 0.040 ppbv
RT: 13.529 min Scan# 4148
Delta R.T. 0.016 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

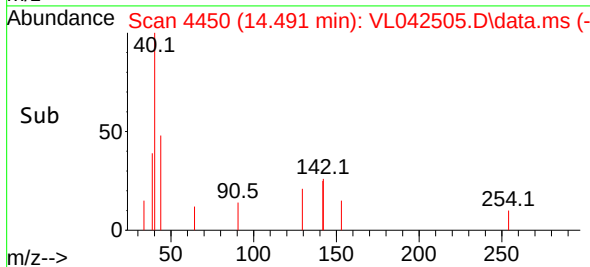
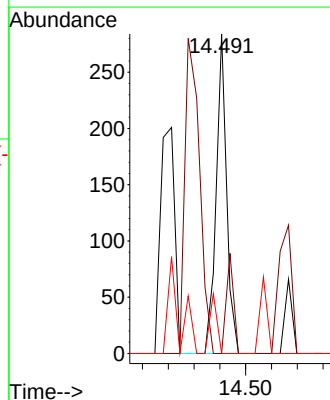
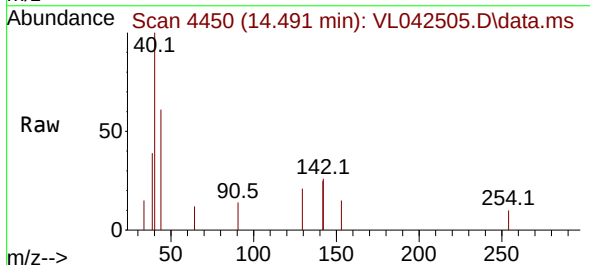
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.1

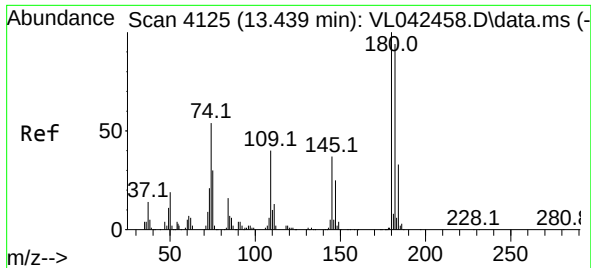
Tgt Ion:128 Resp: 883
Ion Ratio Lower Upper
128 100
127 6.4 9.7 14.5#
129 10.7 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 0.005 ppbv
RT: 14.491 min Scan# 4450
Delta R.T. 0.032 min
Lab File: VL042505.D
Acq: 06 May 2025 19:42

Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
141 208.8 67.4 101.0#
115 0.0 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.009 ppbv

RT: 13.458 min Scan# 41

Delta R.T. 0.020 min

Lab File: VL042505.D

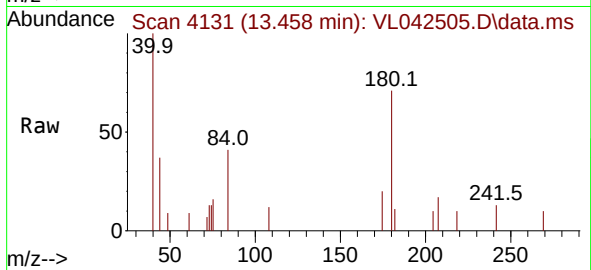
Acq: 06 May 2025 19:42

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.1



Tgt Ion:	180	Resp:	109
Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.6	111.8#
184	49.5	24.9	37.3#

