

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042501.D
 Acq On : 06 May 2025 17:36
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Quant Time: May 07 01:44:04 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	2.793	49	63755	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	169190	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	142966	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	136275	10.281	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	6202	0.588	ppbv	98
3) Chlorodifluoromethane	1.479	51	5969	0.535	ppbv	96
4) Chloromethane	1.534	50	2663	0.604	ppbv	94
5) Vinyl Chloride	1.583	62	1999	0.450	ppbv #	81
6) Bromomethane	1.670	94	1468	0.700	ppbv	100
7) Chloroethane	1.706	64	1025	0.625	ppbv #	86
8) Dichlorotetrafluoroethane	1.557	85	5338	0.614	ppbv	100
9) Propene	1.725	41	188	0.052	ppbv	95
10) Heptane	4.988	43	2109	0.223	ppbv #	26
11) Trichlorofluoromethane	2.143	101	4401	0.452	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.143	101	4401	0.566	ppbv	96
13) Ethanol	1.725	45	655	0.885	ppbv	99
14) Bromoethene	1.784	108	1333	0.464	ppbv #	84
15) Acetone	1.839	43	8217	0.706	ppbv	96
16) 1,3-Butadiene	1.612	39	2927	0.570	ppbv	98
17) tert-Butyl alcohol	2.046	59	4951	0.483	ppbv #	85
18) 1,1-Dichloroethene	2.036	96	1866	0.514	ppbv #	71
19) Isopropyl Alcohol	1.890	45	3443	0.535	ppbv #	85
20) Methylene Chloride	2.065	84	2420	0.692	ppbv	93
21) Allyl Chloride	2.101	41	4119	0.550	ppbv #	80
22) trans-1,2-Dichloroethene	2.344	96	2714	0.640	ppbv	83
23) Vinyl Acetate	2.467	43	4599	0.414	ppbv #	75
24) 1,1-Dichloroethane	2.415	63	4574	0.529	ppbv #	93
25) Ethyl Acetate	2.852	43	6043	0.324	ppbv #	90
26) Hexane	2.832	57	2471	0.304	ppbv #	59
27) Carbon Disulfide	2.153	76	4925	0.520	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2200	0.451	ppbv #	76
29) Chloroform	2.858	83	7970	0.524	ppbv	89
30) Cyclohexane	3.868	84	1041	0.153	ppbv #	1
31) cis-1,2-Dichloroethene	2.344	61	4179	0.441	ppbv	97
32) 1,1,1-Trichloroethane	3.376	97	7719	0.468	ppbv	98
34) 2-Butanone	2.564	43	4877	0.399	ppbv #	90
35) Carbon Tetrachloride	3.771	117	6254	0.407	ppbv #	80
36) Benzene	3.664	78	6282	0.393	ppbv #	90
37) 1,2-Dichloroethane	3.224	62	5997	0.487	ppbv	100
38) Trichloroethene	4.564	130	1433	0.235	ppbv #	84
39) 1,2-Dichloropropane	4.321	63	940	0.157	ppbv #	22
40) 1,4-Dioxane	4.612	88	467	0.167	ppbv #	100
41) Tetrahydrofuran	3.072	42	1835	0.316	ppbv #	81
42) Bromodichloromethane	4.502	83	4327	0.288	ppbv #	83
43) Methyl Methacrylate	4.891	69	1683	0.282	ppbv #	87
44) 2,2,4-Trimethylpentane	4.648	57	2817	0.109	ppbv #	40
45) t-1,3-Dichloropropene	6.425	75	920	0.118	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042501.D
 Acq On : 06 May 2025 17:36
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

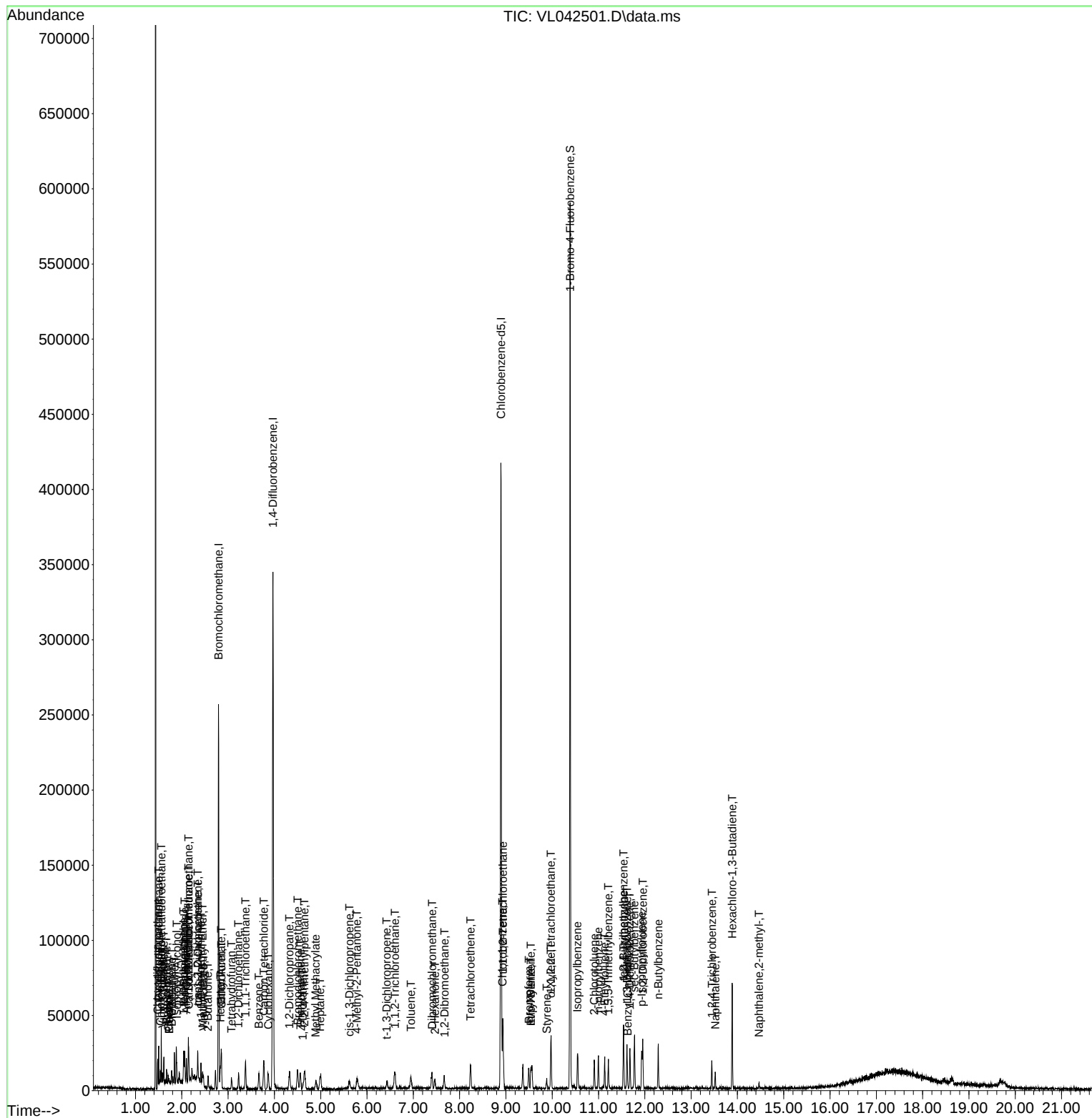
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

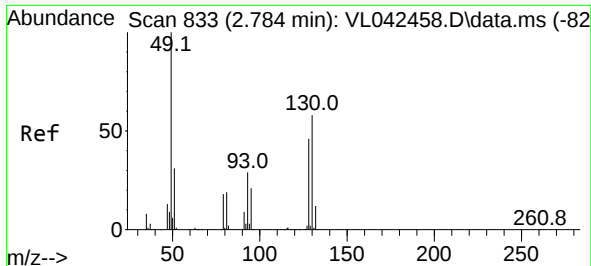
Quant Time: May 07 01:44:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.619	75	850	0.091	ppbv	#	82
47) 1,1,2-Trichloroethane	6.603	97	1206	0.184	ppbv	#	44
48) Dibromochloromethane	7.406	129	2394	0.216	ppbv	#	10
49) Bromoform	9.497	173	3776	0.407	ppbv	#	79
50) 4-Methyl-2-Pentanone	5.781	43	2353	0.152	ppbv	#	41
51) 2-Hexanone	7.467	43	1830	0.148	ppbv	#	19
52) Tetrachloroethene	8.238	164	1141	0.188	ppbv	#	82
53) Toluene	6.949	91	3841	0.227	ppbv	#	65
54) 1,2-Dibromoethane	7.678	107	742	0.074	ppbv		94
56) 1,1,1,2-Tetrachloroethane	8.933	131	1440	0.171	ppbv	#	1
57) Chlorobenzene	8.927	112	7029	0.489	ppbv		93
58) Ethyl Benzene	9.539	91	4838	0.202	ppbv		98
59) m/p-Xylene	9.539	91	4838	0.242	ppbv	#	33
60) o-Xylene	9.969	91	5844	0.291	ppbv		97
61) Styrene	9.882	104	2368	0.316	ppbv	#	87
62) Isopropylbenzene	10.542	105	9948	0.344	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.972	83	6325	0.457	ppbv		98
64) n-propylbenzene	10.995	120	2048	0.290	ppbv		96
65) tert-Butylbenzene	11.542	119	7164	0.278	ppbv		96
66) Benzyl Chloride	11.630	91	446	0.149	ppbv	#	67
67) sec-Butylbenzene	11.775	105	11638	0.317	ppbv		97
69) p-Isopropyltoluene	11.931	119	8103	0.262	ppbv	#	93
70) n-Butylbenzene	12.290	91	8223	0.257	ppbv		97
71) 2-Chlorotoluene	10.908	91	6497	0.286	ppbv		90
72) 4-Ethyltoluene	11.131	105	6753	0.286	ppbv		98
73) 1,3,5-Trimethylbenzene	11.212	105	5785	0.278	ppbv		96
74) 1,2,4-Trimethylbenzene	11.542	105	6593	0.262	ppbv	#	83
75) 1,3-Dichlorobenzene	11.617	146	5504	0.393	ppbv		91
76) 1,4-Dichlorobenzene	11.675	146	5351	0.404	ppbv		95
77) 1,2-Dichlorobenzene	11.956	146	6439	0.470	ppbv		96
78) Hexachloro-1,3-Butadiene	13.885	225	6569	0.480	ppbv		98
79) Naphthalene	13.523	128	4381	0.207	ppbv	#	90
80) Naphthalene,2-methyl-	14.468	142	1553	0.099	ppbv		93
81) 1,2,4-Trichlorobenzene	13.449	180	2371	0.210	ppbv	#	86

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

Quant Time: May 07 01:44:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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

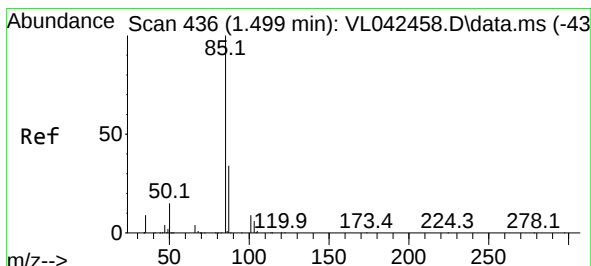
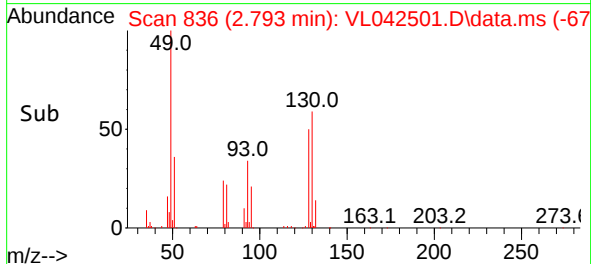
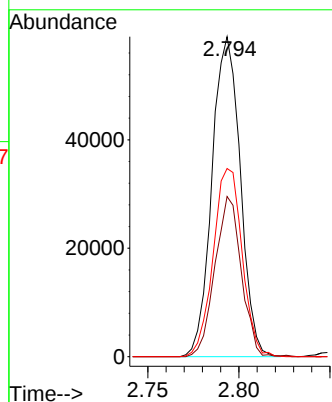
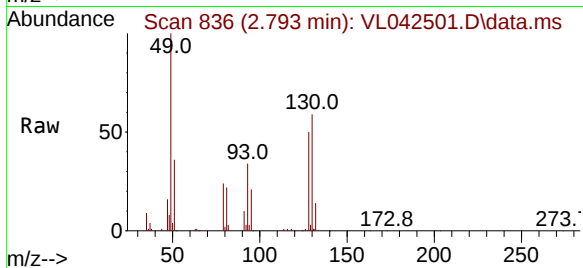




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

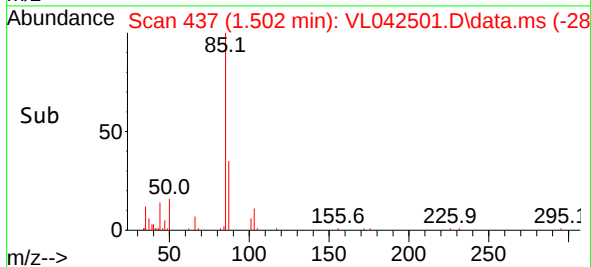
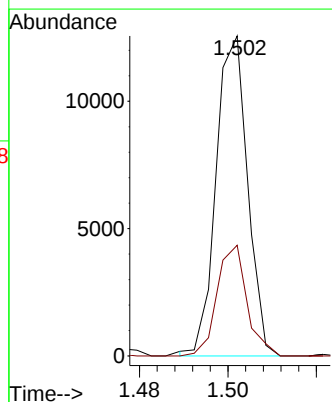
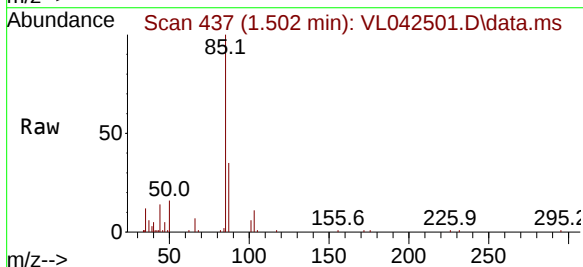
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

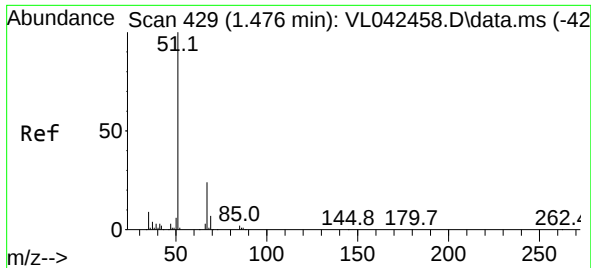
Tgt Ion: 49 Resp: 63755
Ion Ratio Lower Upper
49 100
128 46.7 23.3 69.9
130 60.1 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.588 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 85 Resp: 6202
Ion Ratio Lower Upper
85 100
87 34.6 26.9 40.3

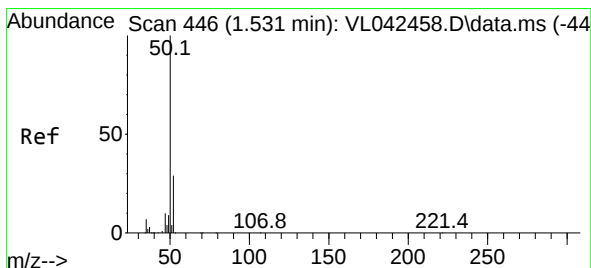
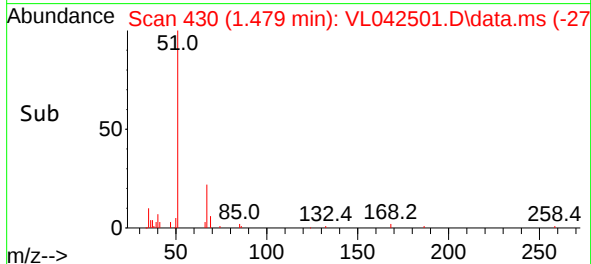
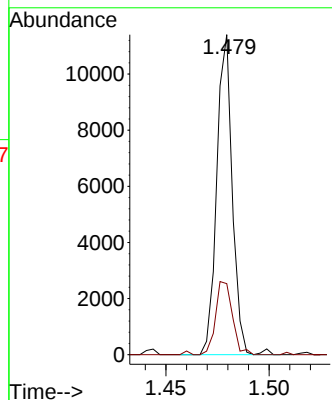
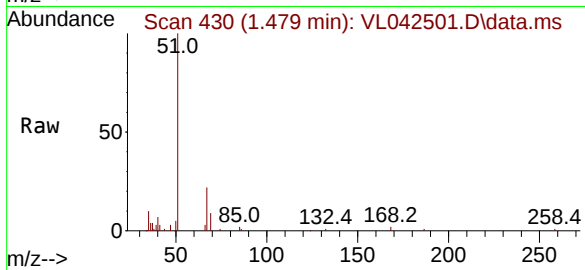




#3
Chlorodifluoromethane
Concen: 0.535 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

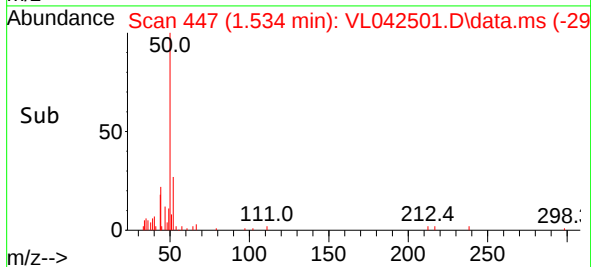
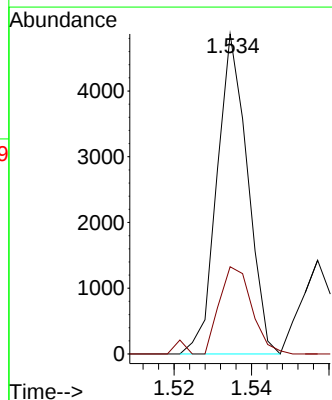
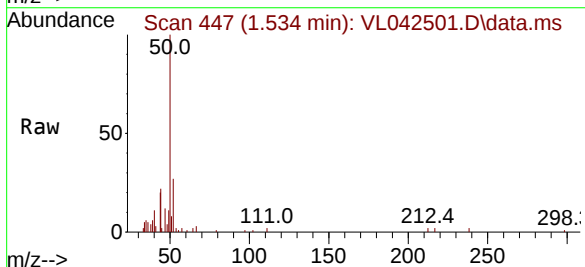
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

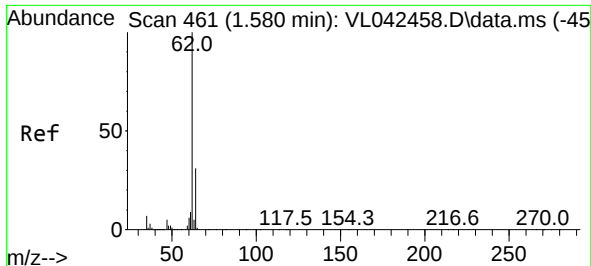
Tgt Ion: 51 Resp: 5969
Ion Ratio Lower Upper
51 100
67 25.0 18.4 27.6



#4
Chloromethane
Concen: 0.604 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 26.2 23.5 35.3

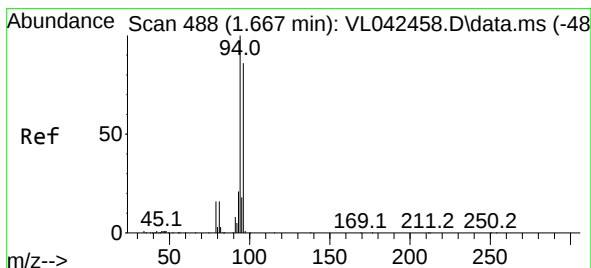
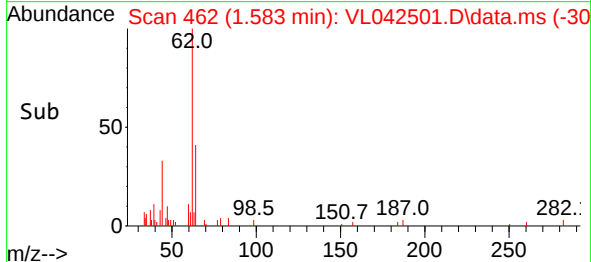
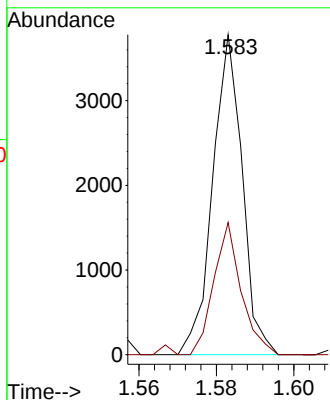
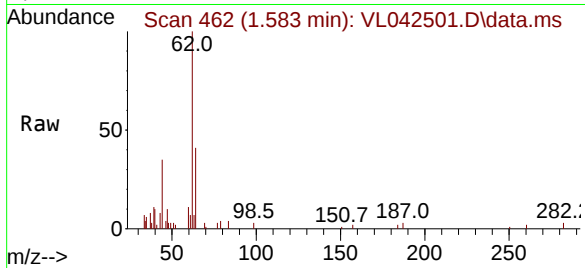




#5
Vinyl Chloride
Concen: 0.450 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

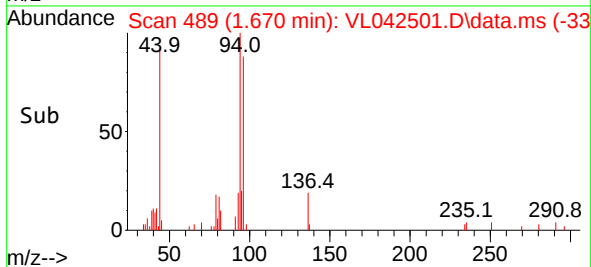
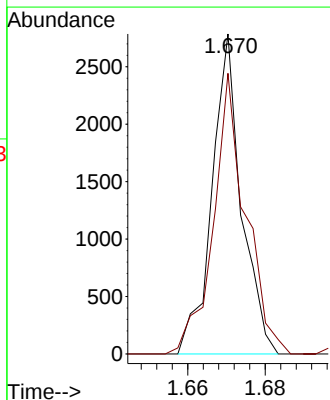
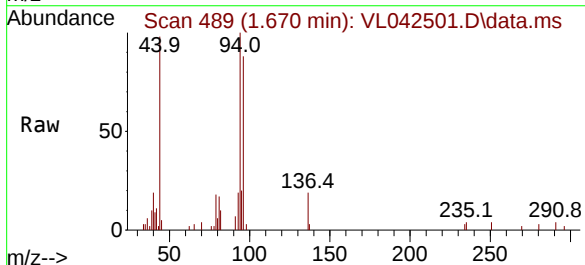
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

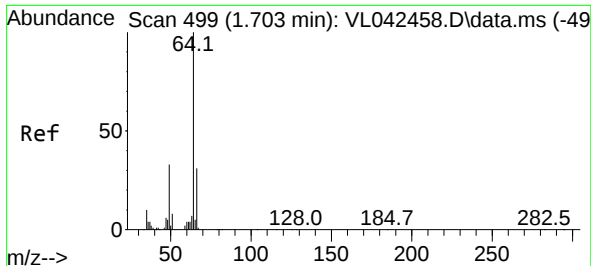
Tgt Ion: 62 Resp: 1999
Ion Ratio Lower Upper
62 100
64 41.3 24.9 37.3#



#6
Bromomethane
Concen: 0.700 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 94 Resp: 1468
Ion Ratio Lower Upper
94 100
96 85.8 68.8 103.2

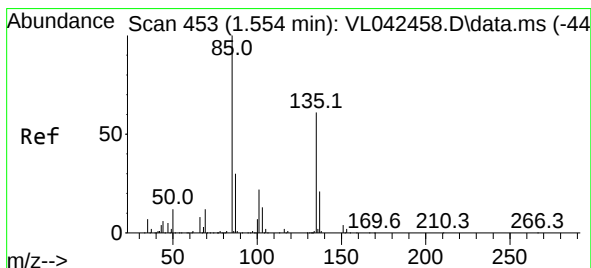
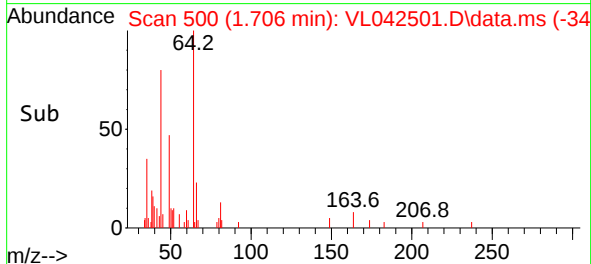
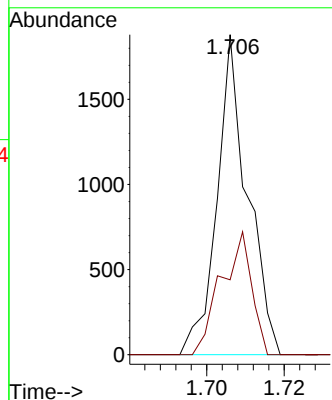
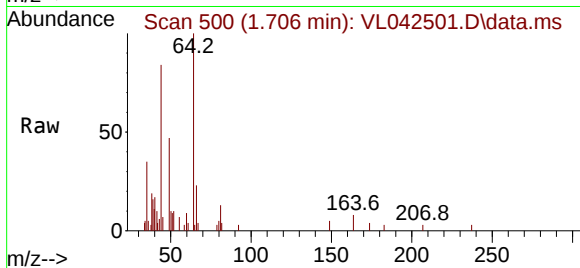




#7
Chloroethane
Concen: 0.625 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

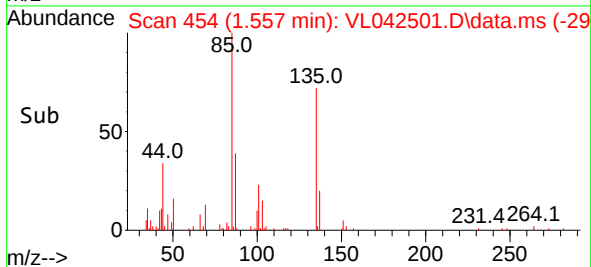
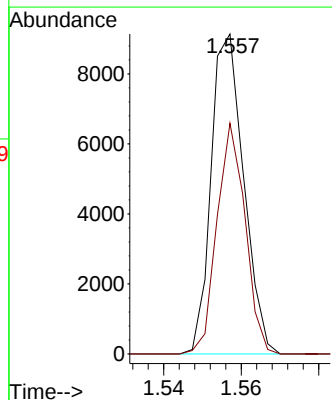
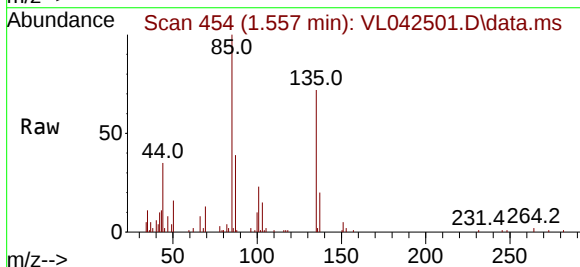
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

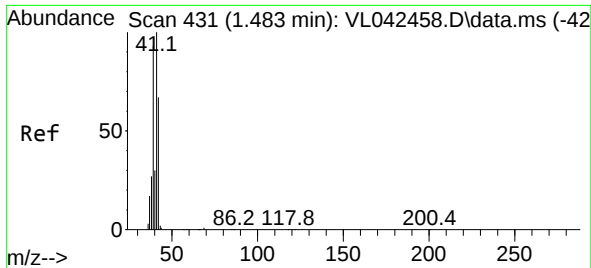
Tgt Ion: 64 Resp: 1025
Ion Ratio Lower Upper
64 100
66 23.4 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.614 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 85 Resp: 5338
Ion Ratio Lower Upper
85 100
135 62.5 49.8 74.8





#9

Propene

Concen: 0.052 ppbv

RT: 1.725 min Scan# 506

Delta R.T. 0.243 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

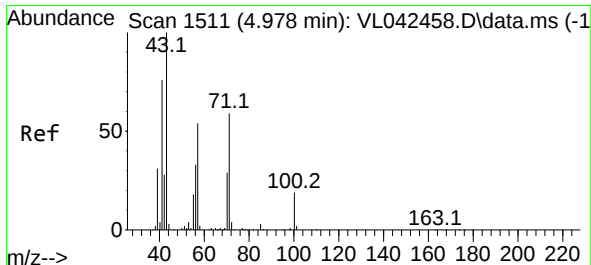
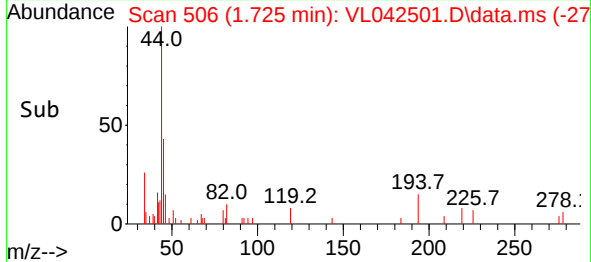
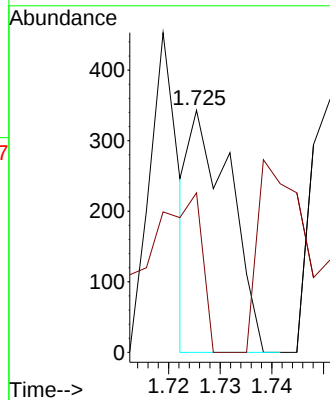
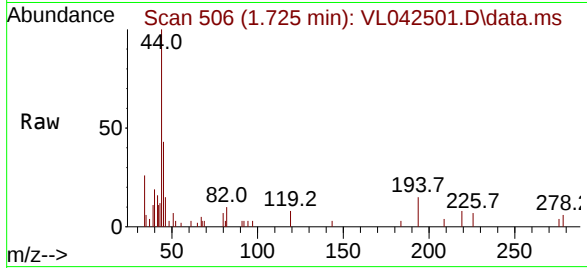
MDL1 0.40

Tgt Ion: 41 Resp: 188

Ion Ratio Lower Upper

41 100

42 63.8 54.3 81.5



#10

Heptane

Concen: 0.223 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL042501.D

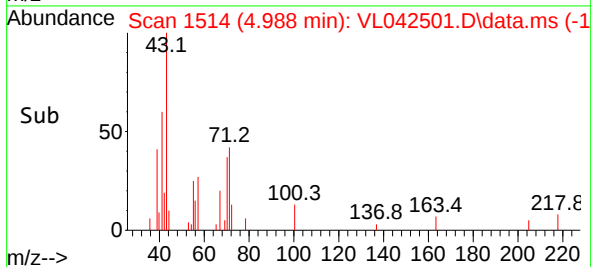
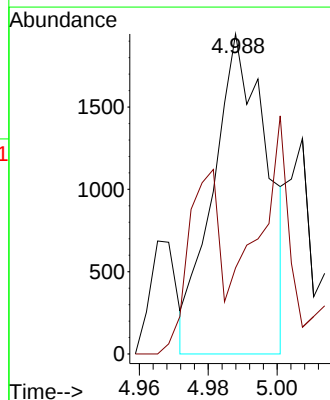
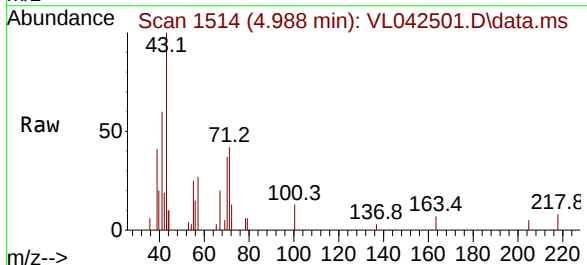
Acq: 06 May 2025 17:36

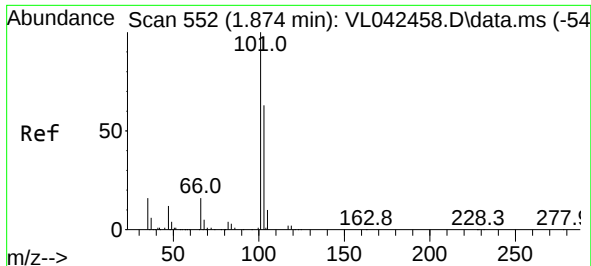
Tgt Ion: 43 Resp: 2109

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

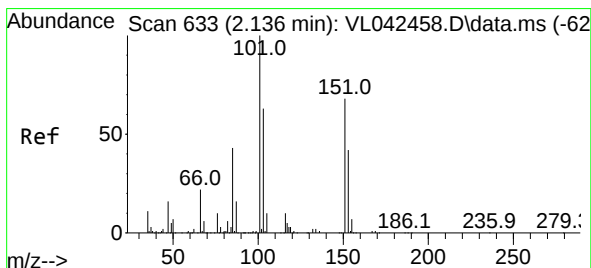
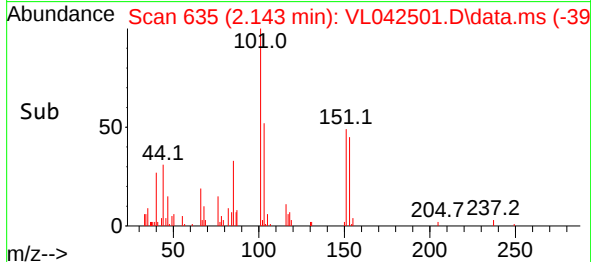
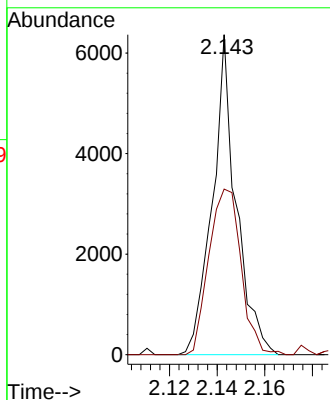
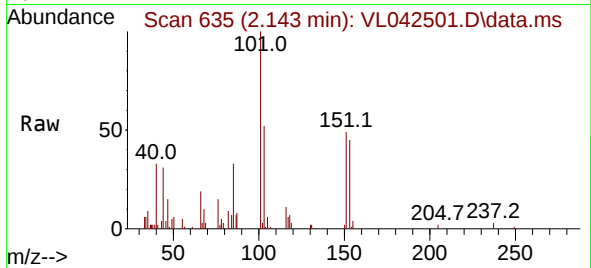




#11
Trichlorofluoromethane
Concen: 0.452 ppbv
RT: 2.143 min Scan# 61
Delta R.T. 0.269 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

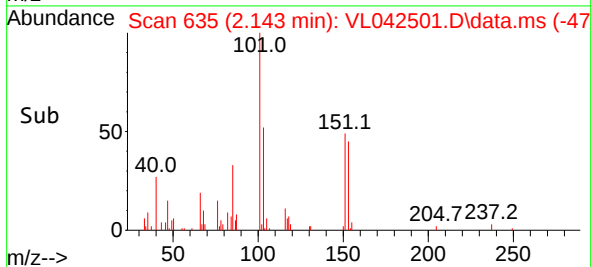
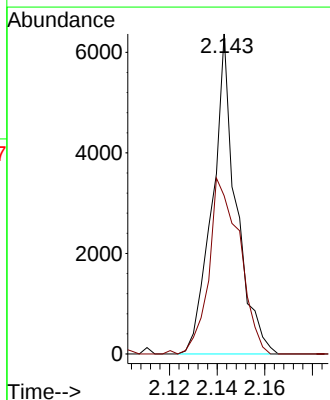
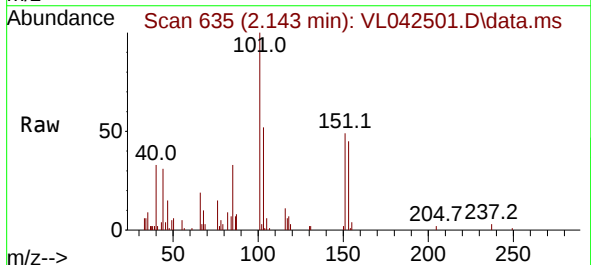
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

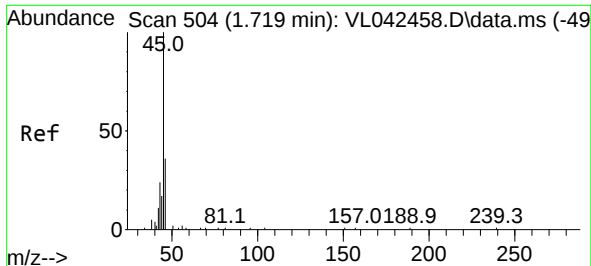
Tgt Ion:101 Resp: 4401
Ion Ratio Lower Upper
101 100
103 51.8 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.566 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:101 Resp: 4401
Ion Ratio Lower Upper
101 100
151 71.3 54.6 82.0

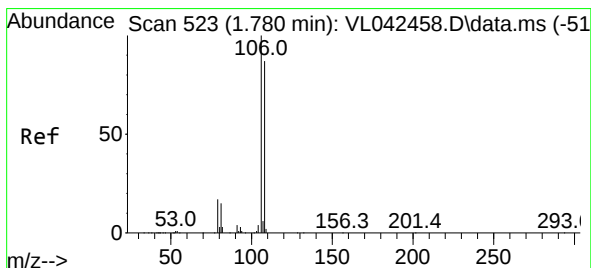
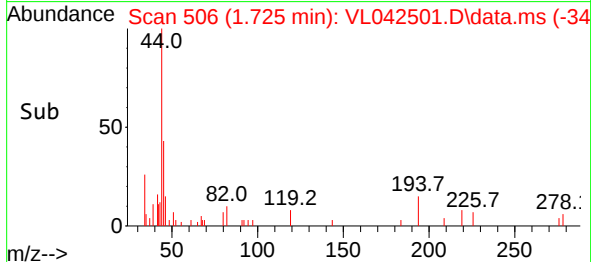
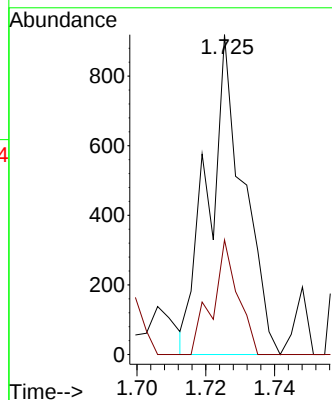
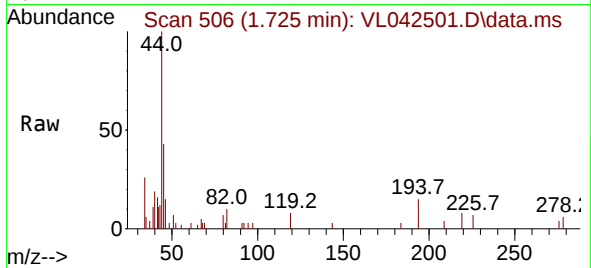




#13
 Ethanol
 Concen: 0.885 ppbv
 RT: 1.725 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

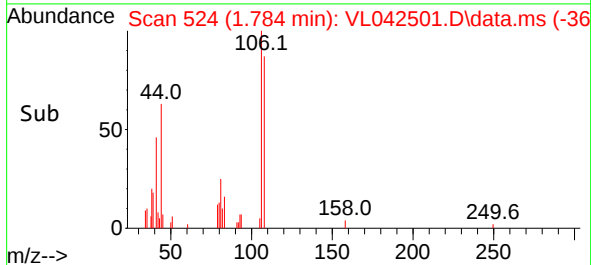
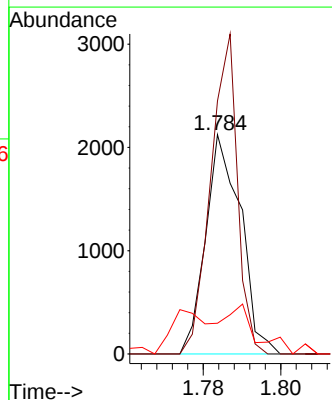
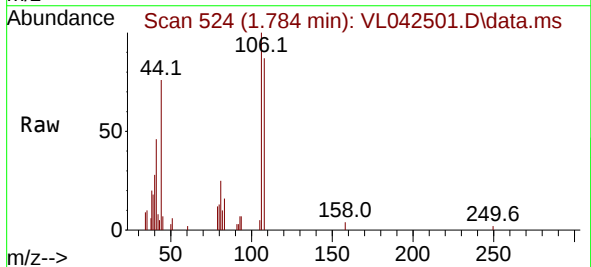
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

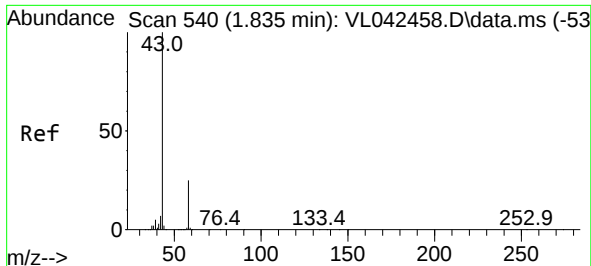
Tgt Ion: 45 Resp: 655
 Ion Ratio Lower Upper
 45 100
 46 37.6 15.3 61.1



#14
 Bromoethene
 Concen: 0.464 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 108 Resp: 1333
 Ion Ratio Lower Upper
 108 100
 106 118.8 88.8 133.2
 79 50.5 17.1 25.7#





#15

Acetone

Concen: 0.706 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

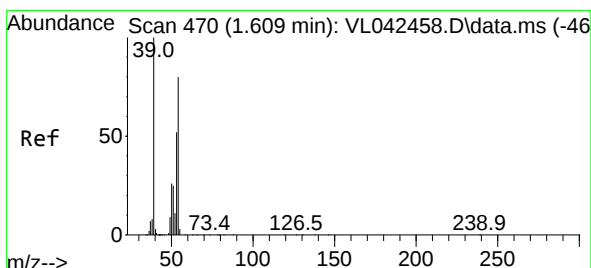
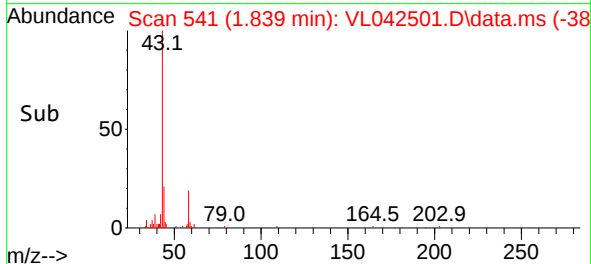
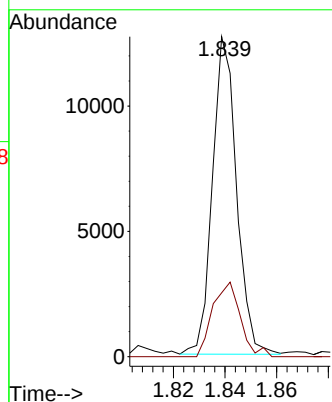
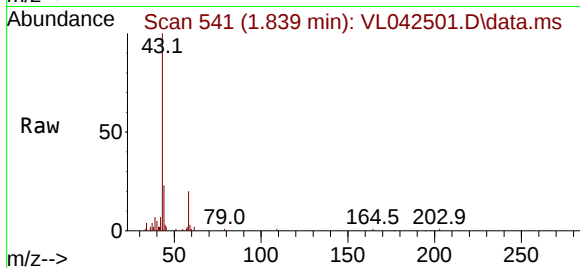
MDL1 0.40

Tgt Ion: 43 Resp: 8217

Ion Ratio Lower Upper

43 100

58 27.0 19.8 29.8



#16

1,3-Butadiene

Concen: 0.570 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042501.D

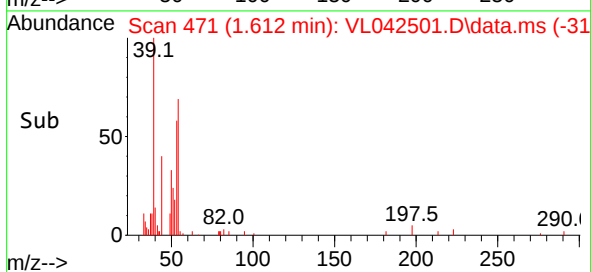
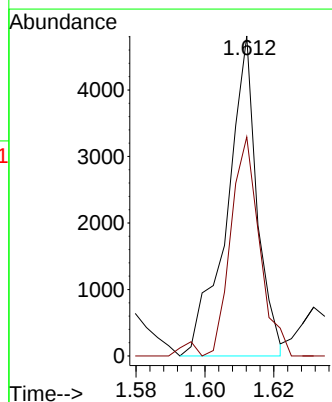
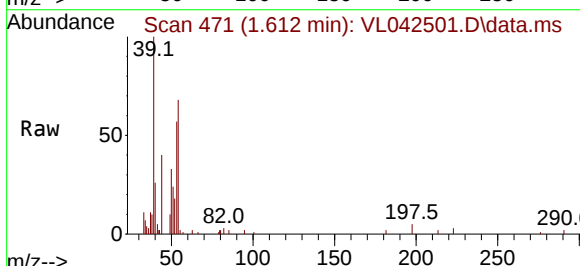
Acq: 06 May 2025 17:36

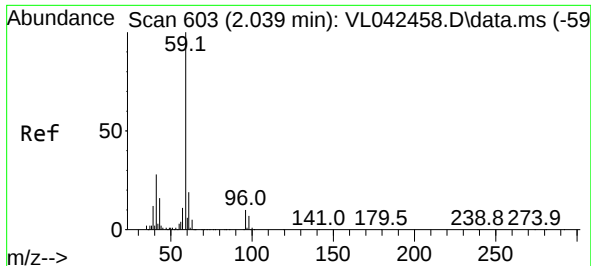
Tgt Ion: 39 Resp: 2927

Ion Ratio Lower Upper

39 100

54 67.4 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.483 ppbv

RT: 2.046 min Scan# 603

Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

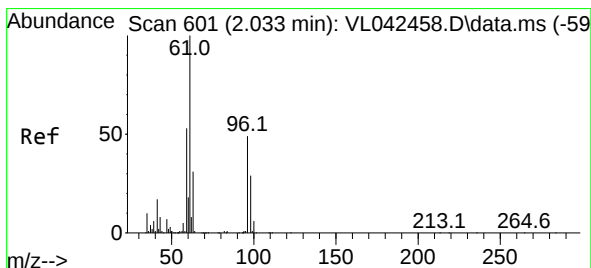
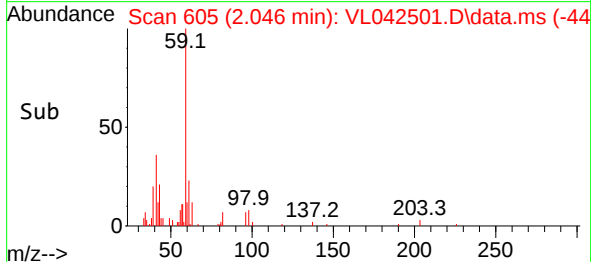
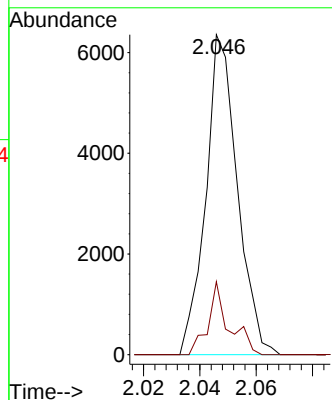
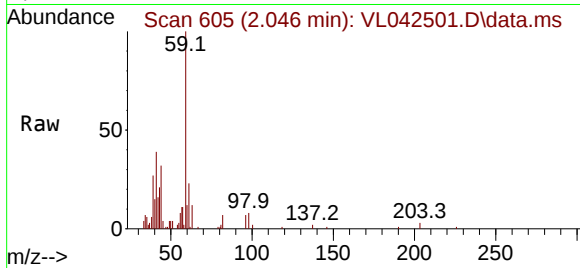
MDL1 0.40

Tgt Ion: 59 Resp: 4951

Ion Ratio Lower Upper

59 100

57 16.2 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.514 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

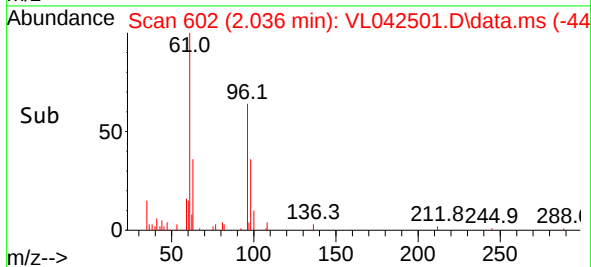
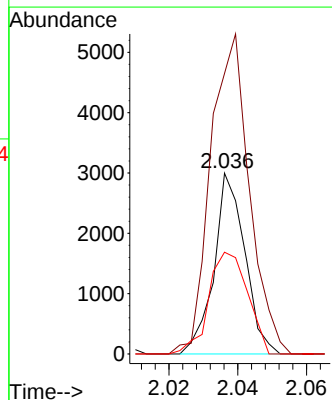
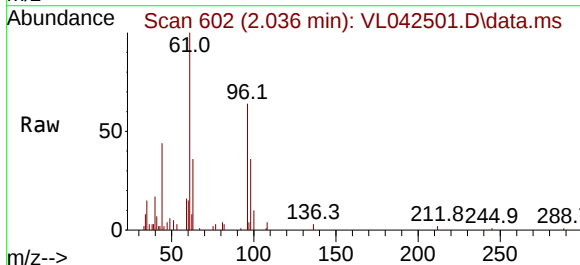
Tgt Ion: 96 Resp: 1866

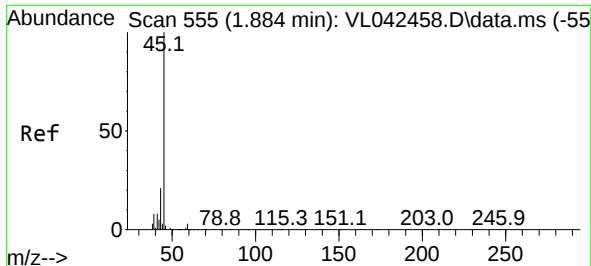
Ion Ratio Lower Upper

96 100

61 150.1 164.9 247.3#

98 56.3 48.2 72.2

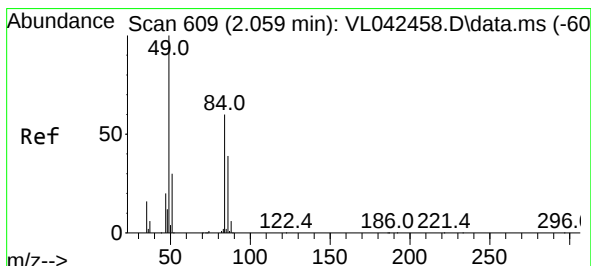
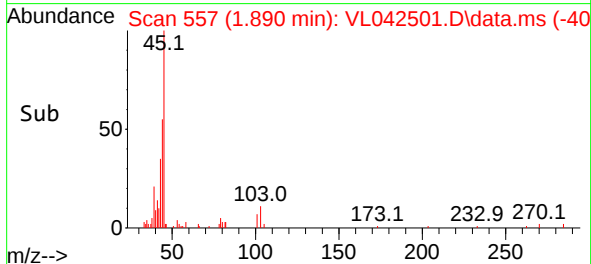
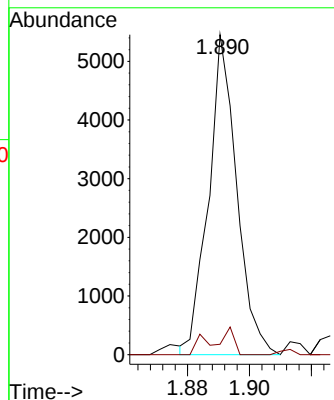
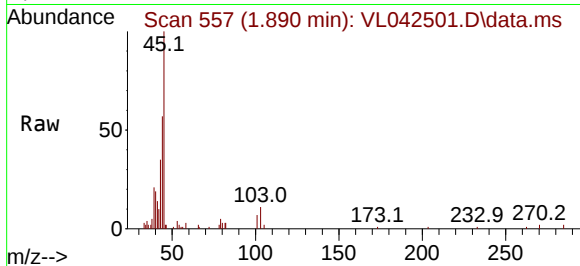




#19
Isopropyl Alcohol
Concen: 0.535 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

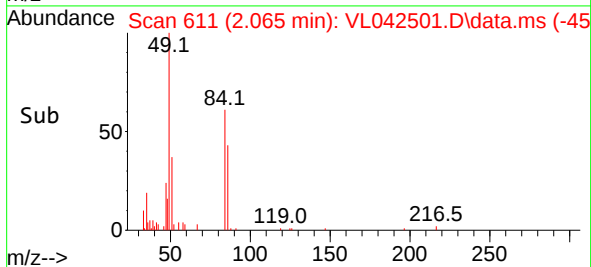
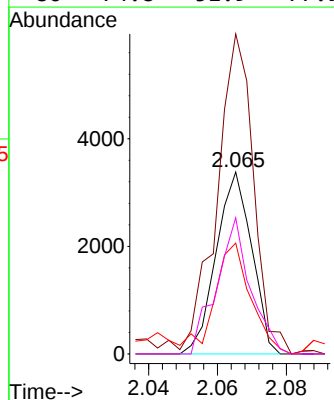
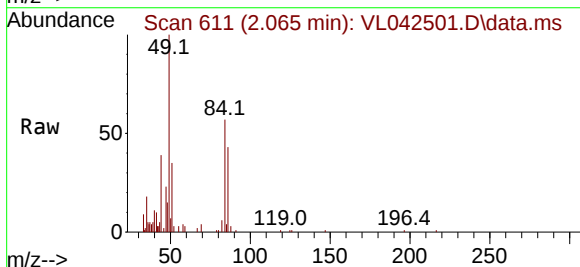
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

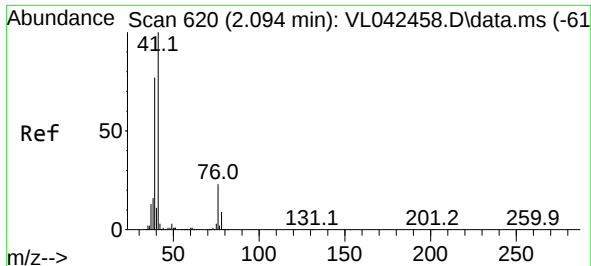
Tgt Ion: 45 Resp: 3443
Ion Ratio Lower Upper
45 100
58 7.3 1.6 2.4#



#20
Methylene Chloride
Concen: 0.692 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 84 Resp: 2420
Ion Ratio Lower Upper
84 100
49 173.5 133.9 200.9
51 57.9 41.0 61.6
86 74.8 51.9 77.9

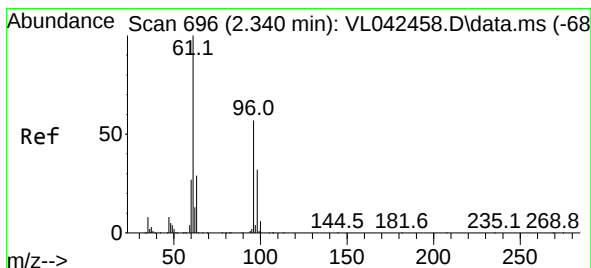
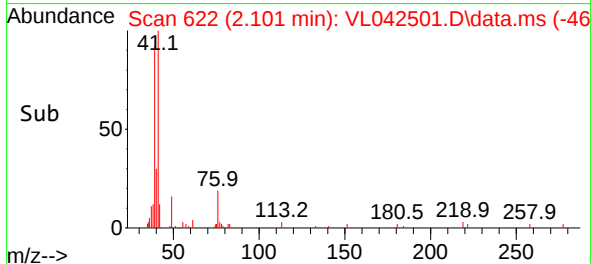
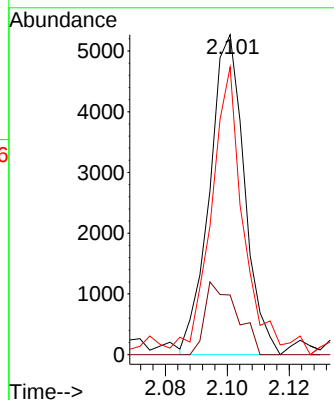
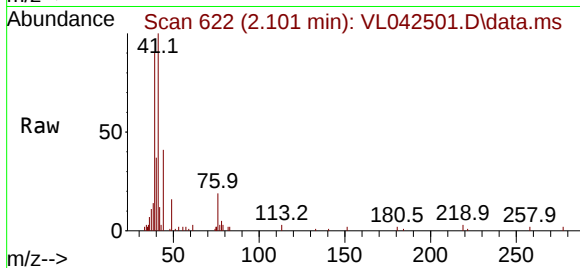




#21
 Allyl Chloride
 Concen: 0.550 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

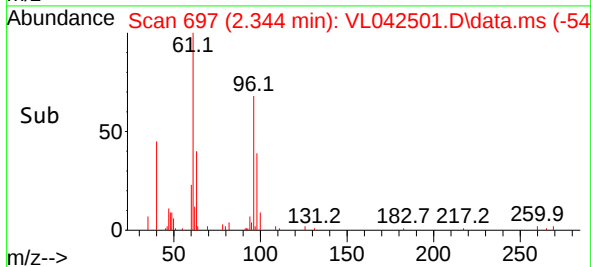
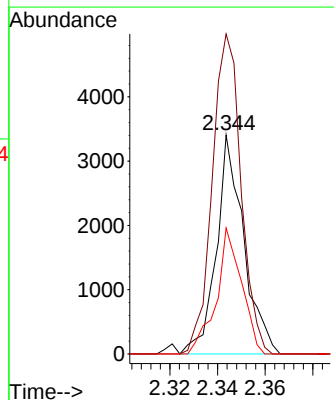
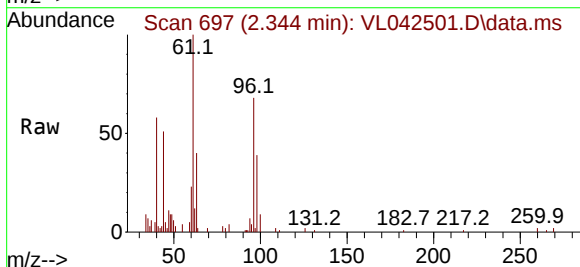
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

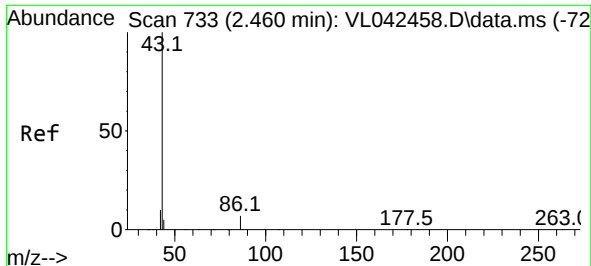
Tgt Ion: 41 Resp: 4119
 Ion Ratio Lower Upper
 41 100
 76 20.8 19.6 29.4
 39 96.3 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.640 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 96 Resp: 2714
 Ion Ratio Lower Upper
 96 100
 61 146.2 141.8 212.6
 98 57.5 45.0 67.6

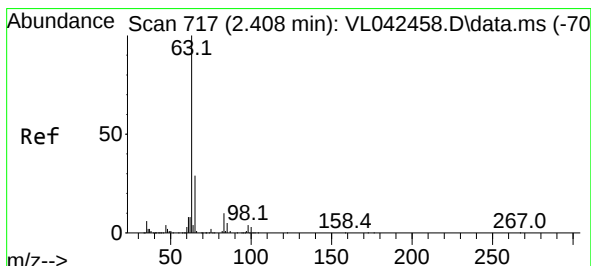
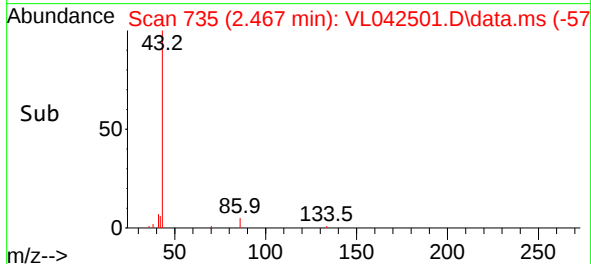
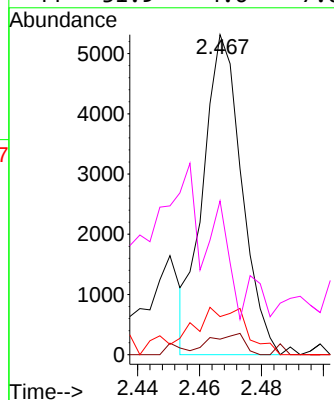
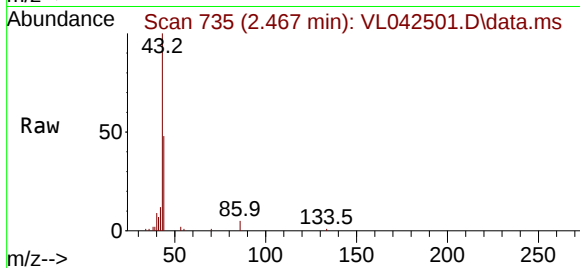




#23
 Vinyl Acetate
 Concen: 0.414 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

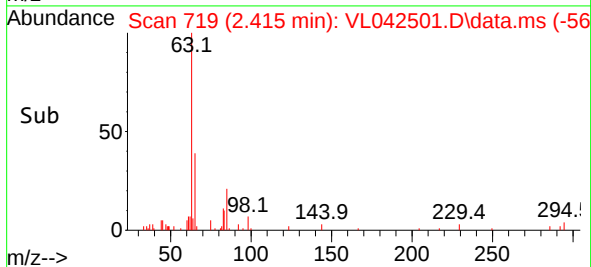
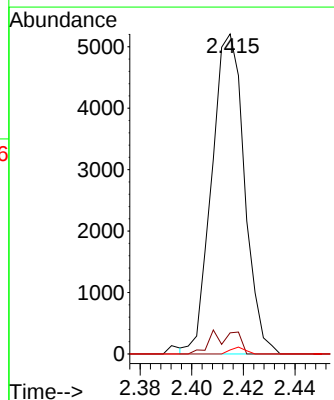
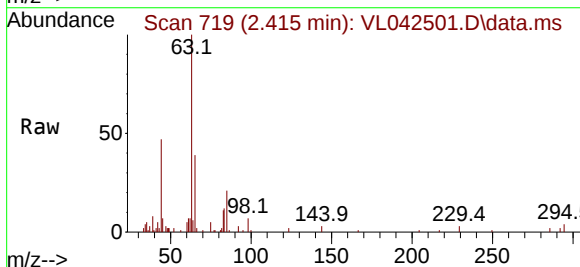
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.40

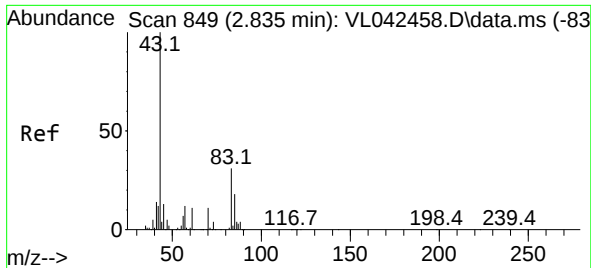
Tgt Ion: 43	Resp: 4599
Ion Ratio	Lower Upper
43 100	
86 2.8	5.5 8.3#
42 11.9	8.3 12.5
44 31.9	4.6 7.0#



#24
 1,1-Dichloroethane
 Concen: 0.529 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 63	Resp: 4574
Ion Ratio	Lower Upper
63 100	
98 6.6	1.8 5.5#
100 1.3	1.4 4.2#

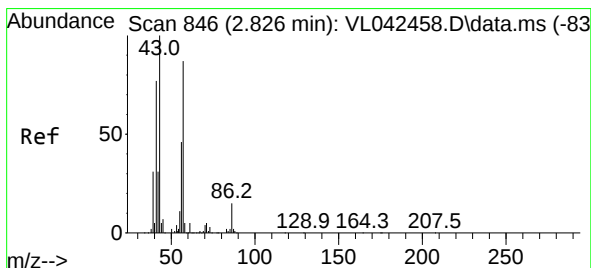
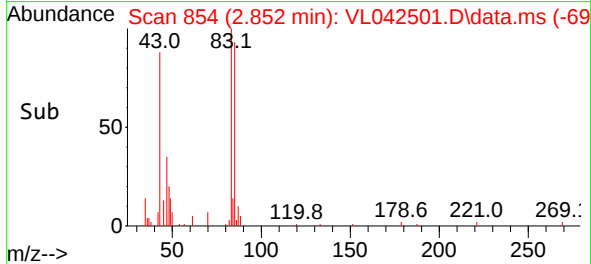
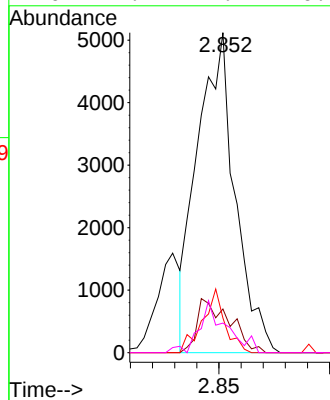
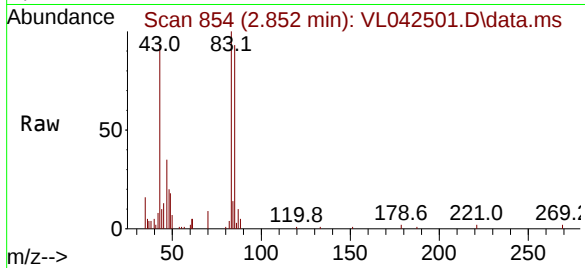




#25
Ethyl Acetate
Concen: 0.324 ppbv
RT: 2.852 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

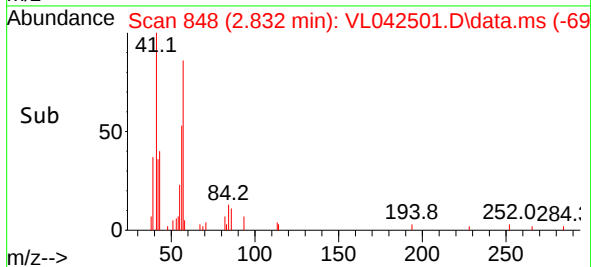
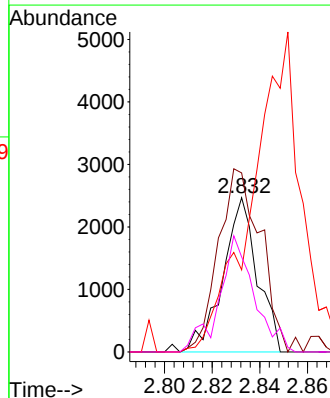
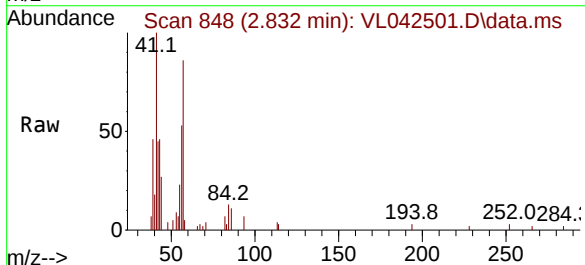
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

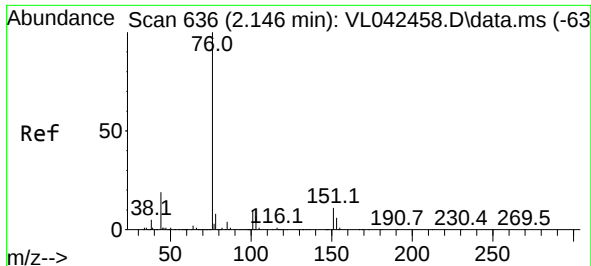
Tgt Ion: 43	Resp: 6043
Ion Ratio	Lower Upper
43 100	
45 14.6	7.8 11.6#
61 11.8	7.2 10.8#
70 11.7	7.2 10.8#



#26
Hexane
Concen: 0.304 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 57	Resp: 2471
Ion Ratio	Lower Upper
57 100	
41 151.4	77.8 116.8#
43 297.0	187.0 280.6#
56 76.6	43.9 65.9#

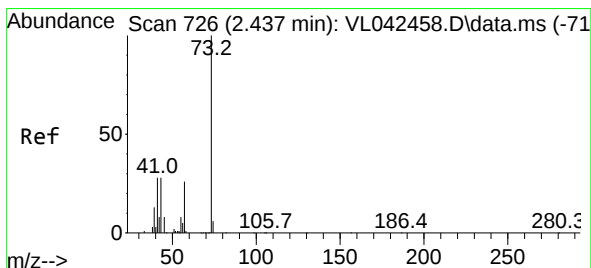
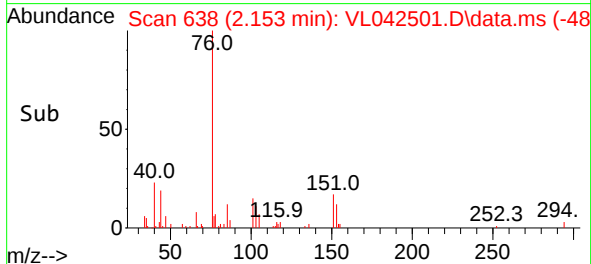
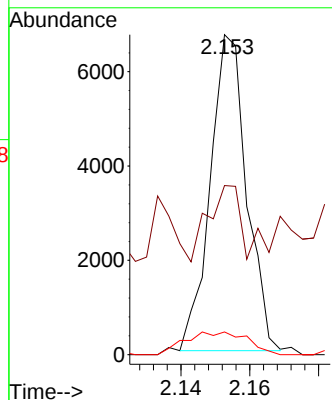
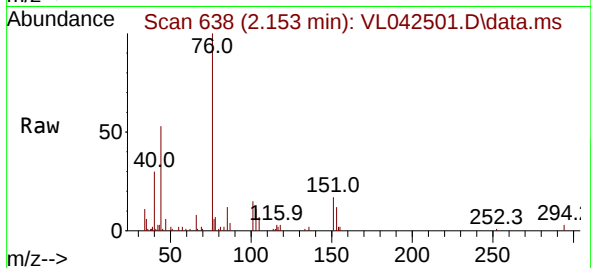




#27
Carbon Disulfide
Concen: 0.520 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

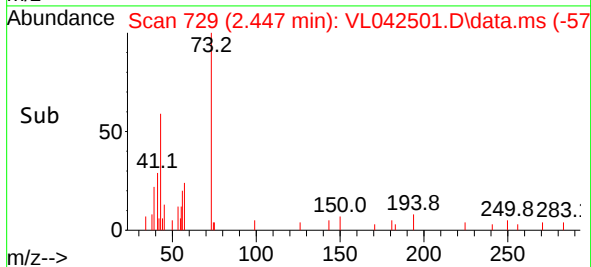
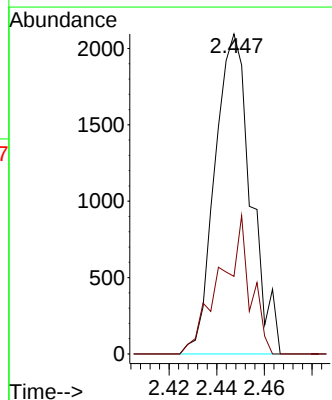
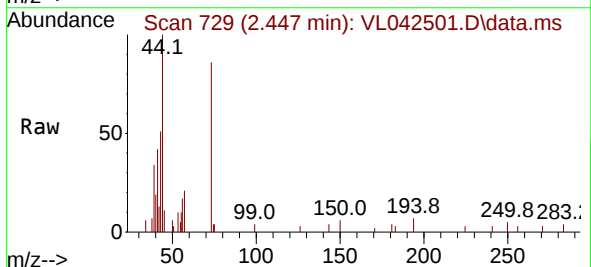
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

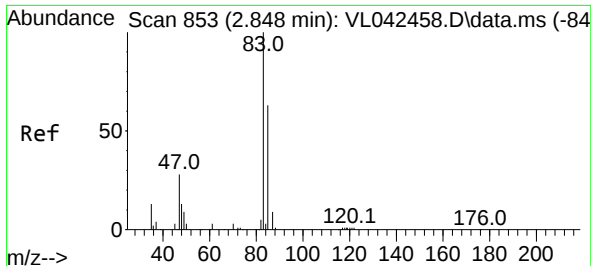
Tgt Ion: 76 Resp: 4925
Ion Ratio Lower Upper
76 100
44 137.2 21.0 31.6#
78 12.5 8.6 13.0



#28
Methyl tert-Butyl Ether
Concen: 0.451 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 73 Resp: 2200
Ion Ratio Lower Upper
73 100
57 36.7 19.9 29.9#





#29

Chloroform

Concen: 0.524 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

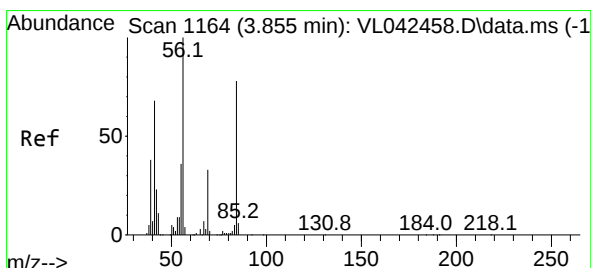
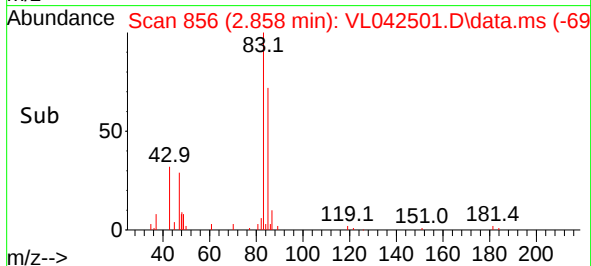
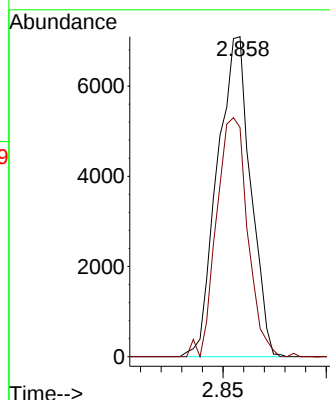
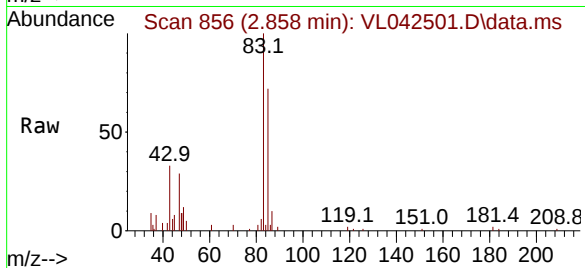
MDL1 0.40

Tgt Ion: 83 Resp: 7970

Ion Ratio Lower Upper

83 100

85 71.6 50.4 75.6



#30

Cyclohexane

Concen: 0.153 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

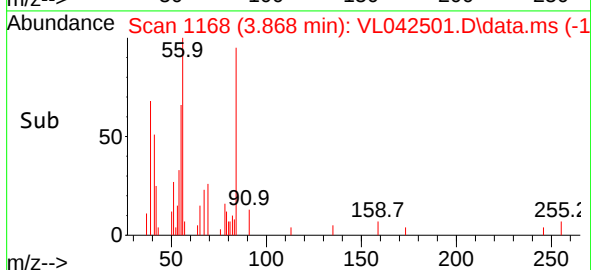
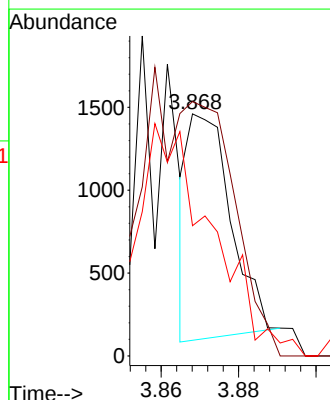
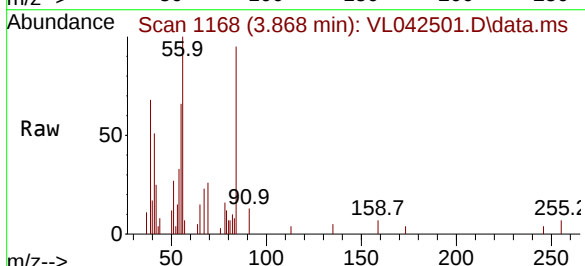
Tgt Ion: 84 Resp: 1041

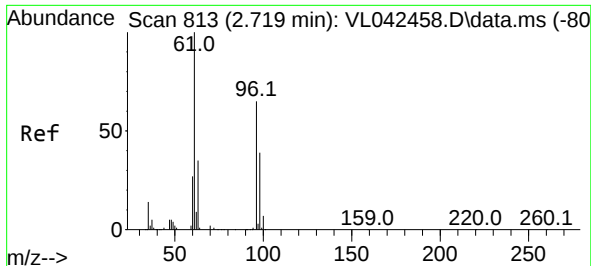
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 0.0 65.8 98.8#

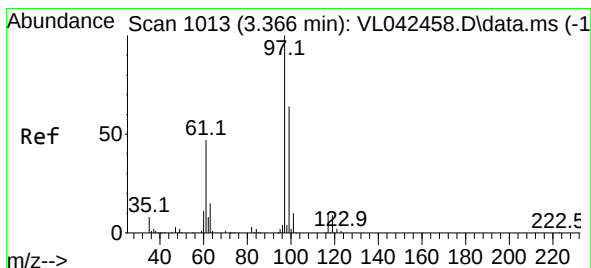
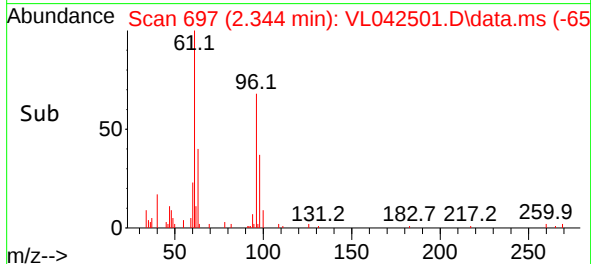
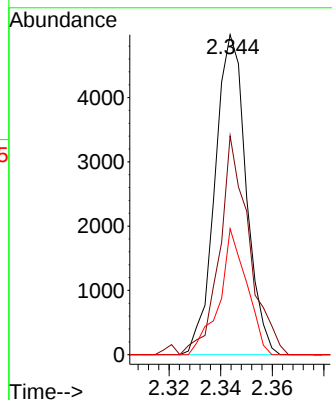
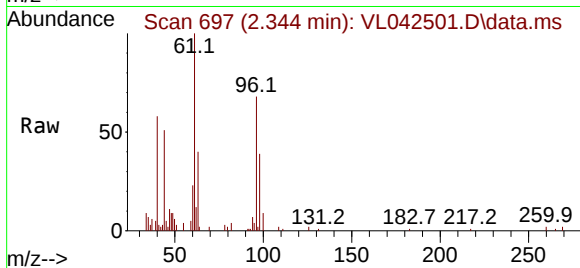




#31
 cis-1,2-Dichloroethene
 Concen: 0.441 ppbv
 RT: 2.344 min Scan# 61
 Delta R.T. -0.375 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

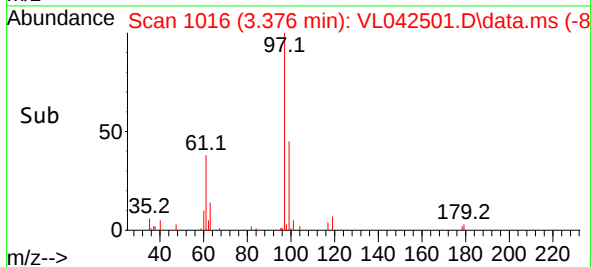
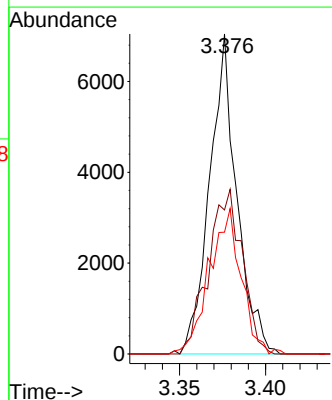
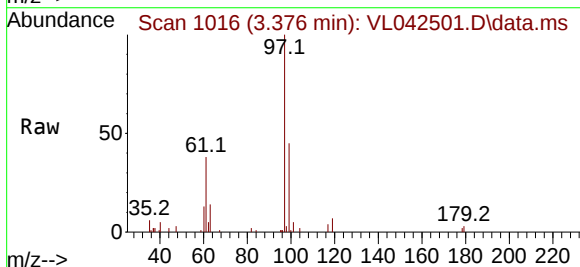
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.40

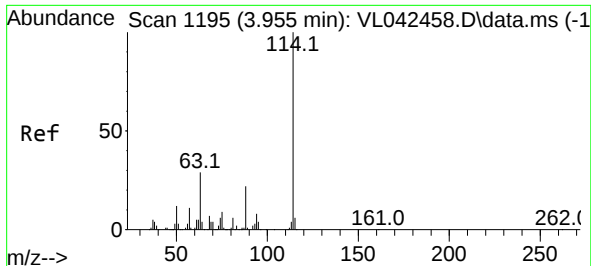
Tgt Ion:	61	Resp:	4179
Ion	Ratio	Lower	Upper
61	100		
96	68.4	52.0	78.0
98	39.3	31.0	46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.468 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion:	97	Resp:	7719
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.7	76.1
61	53.6	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

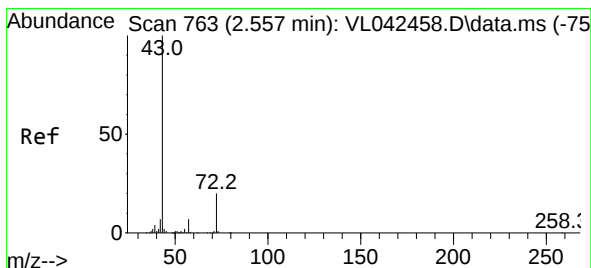
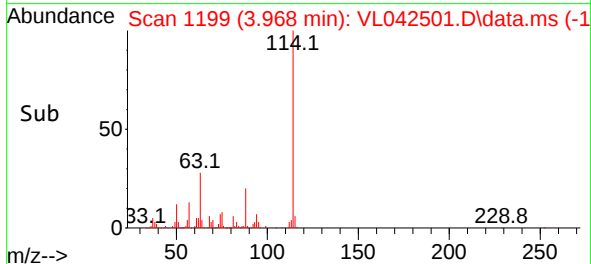
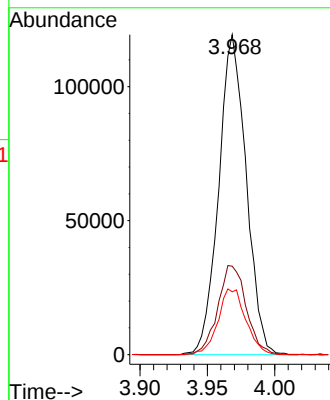
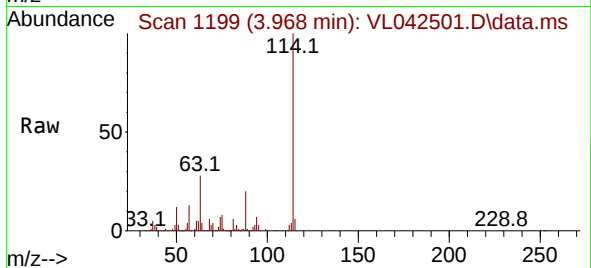
Tgt Ion:114 Resp: 169190

Ion Ratio Lower Upper

114 100

63 29.0 23.1 34.7

88 20.9 16.1 24.1



#34

2-Butanone

Concen: 0.399 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.007 min

Lab File: VL042501.D

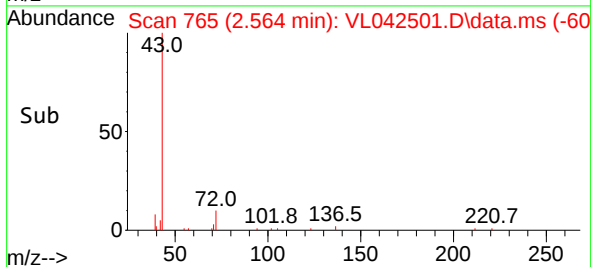
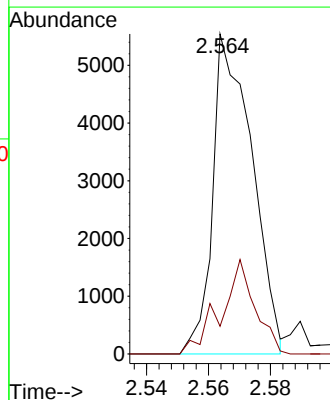
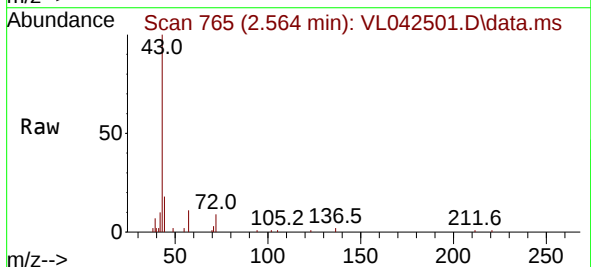
Acq: 06 May 2025 17:36

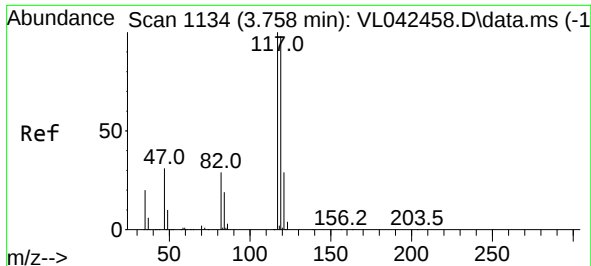
Tgt Ion: 43 Resp: 4877

Ion Ratio Lower Upper

43 100

72 25.7 16.7 25.1#

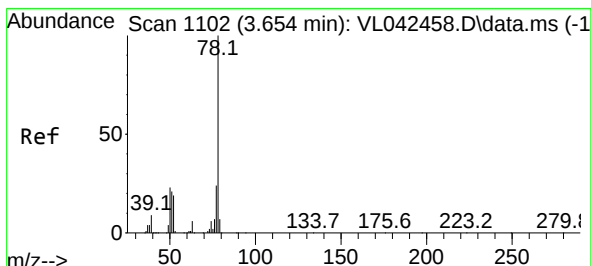
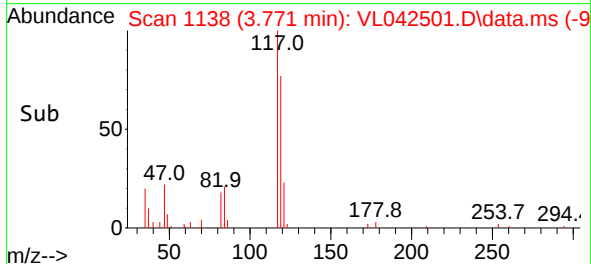
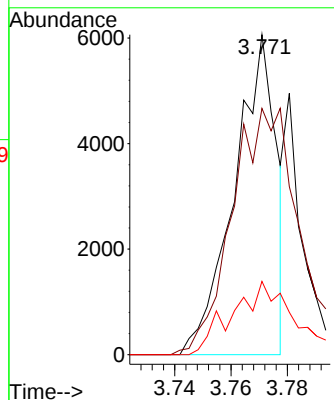
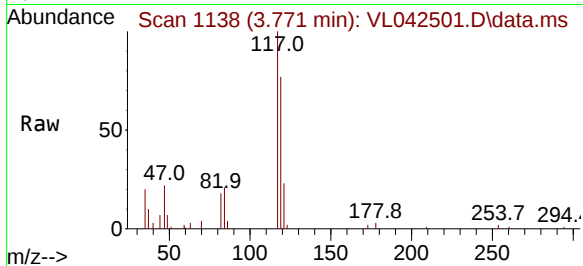




#35
Carbon Tetrachloride
Concen: 0.407 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

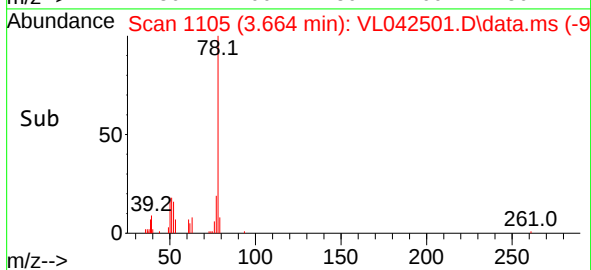
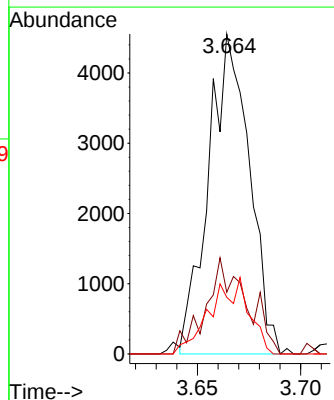
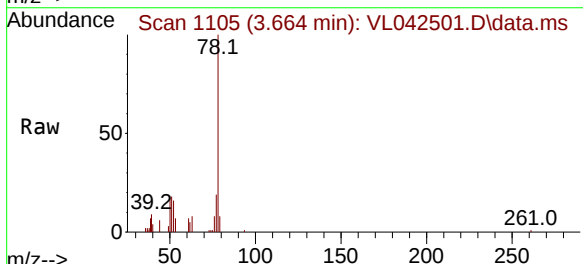
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

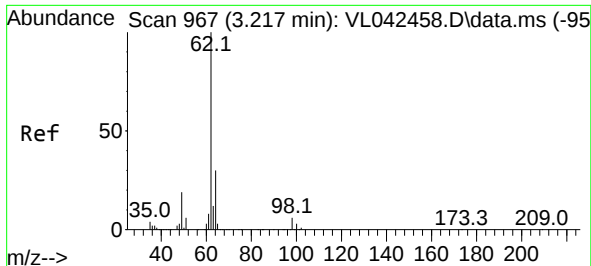
Tgt Ion:117 Resp: 6254
Ion Ratio Lower Upper
117 100
119 75.5 78.1 117.1#
121 22.9 23.0 34.6#



#36
Benzene
Concen: 0.393 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 78 Resp: 6282
Ion Ratio Lower Upper
78 100
77 19.3 18.9 28.3
50 17.7 18.4 27.6#

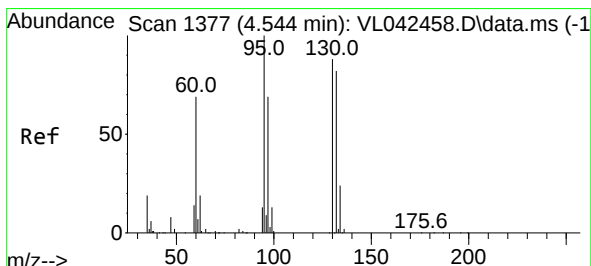
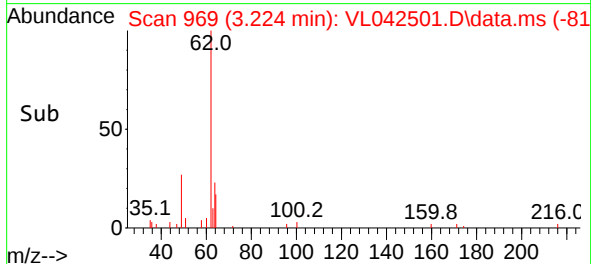
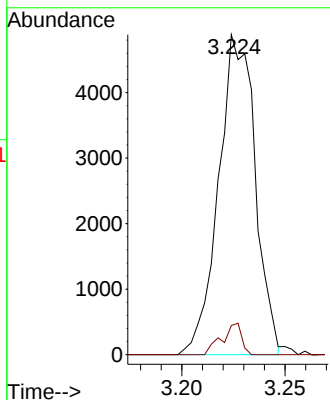
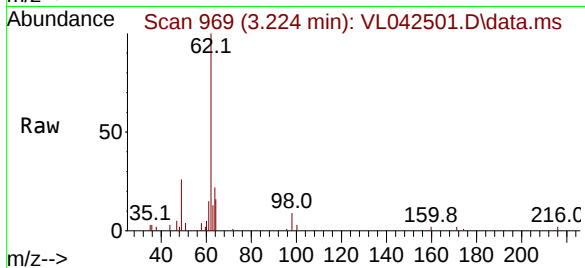




#37
1,2-Dichloroethane
Concen: 0.487 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

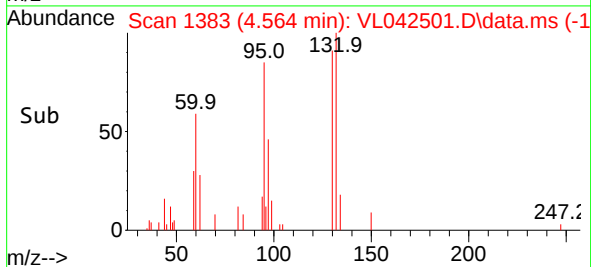
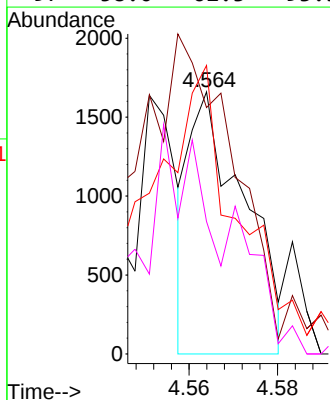
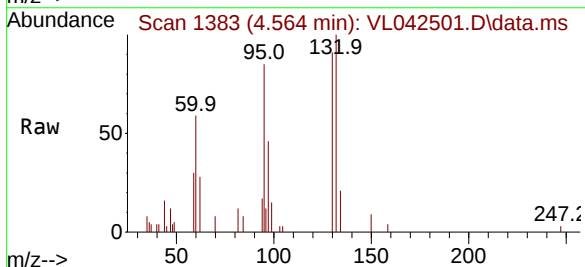
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

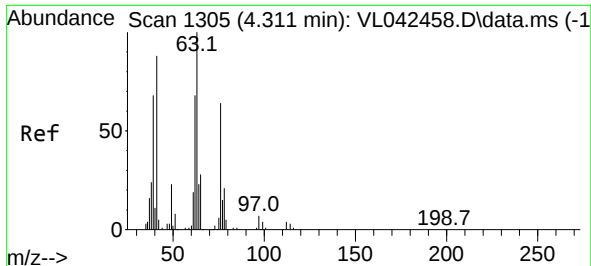
Tgt Ion: 62 Resp: 5997
Ion Ratio Lower Upper
62 100
98 5.3 4.3 6.5



#38
Trichloroethene
Concen: 0.235 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:130 Resp: 1433
Ion Ratio Lower Upper
130 100
95 110.0 91.0 136.4
132 115.9 74.2 111.4#
97 58.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.157 ppbv

RT: 4.321 min Scan# 1305

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

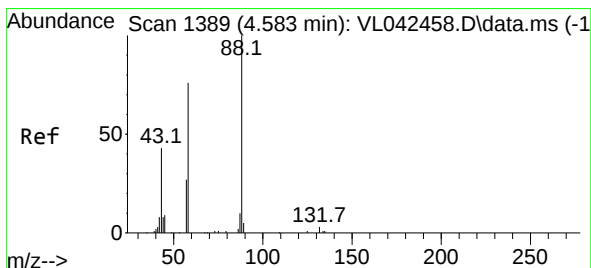
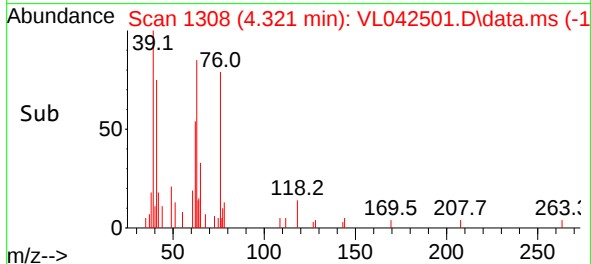
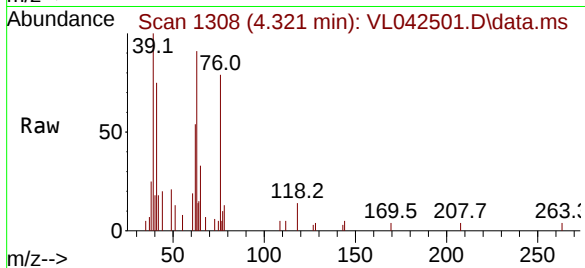
Tgt Ion: 63 Resp: 940

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 22.0 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.167 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.029 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion: 88 Resp: 467

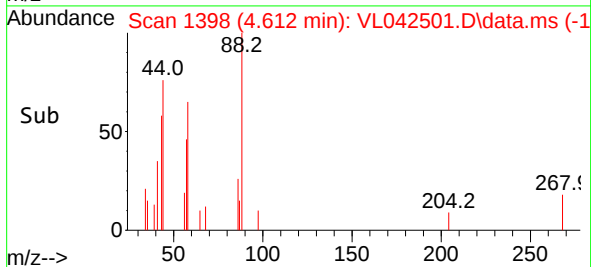
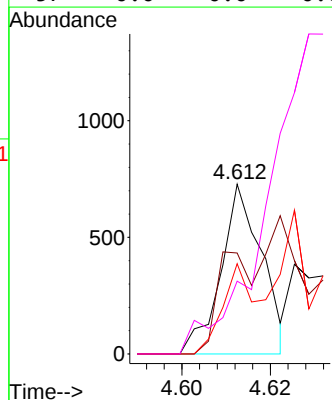
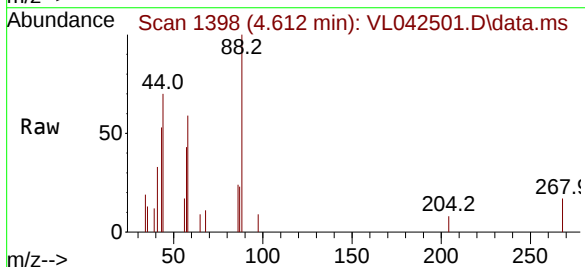
Ion Ratio Lower Upper

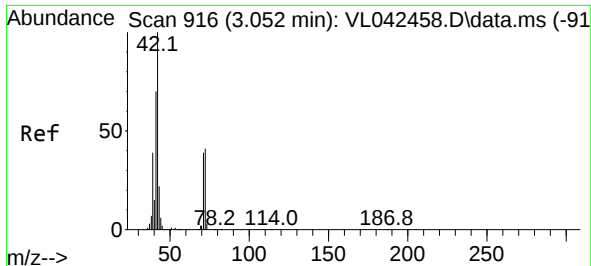
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

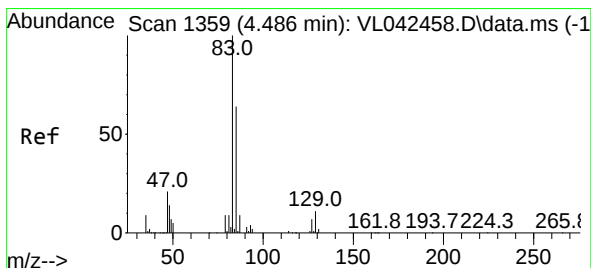
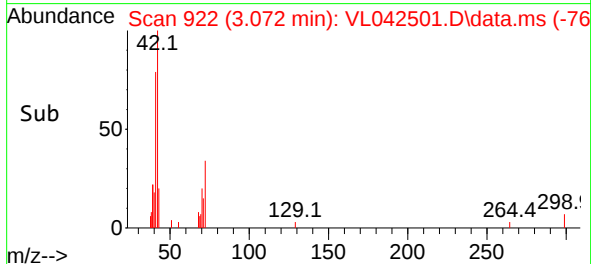
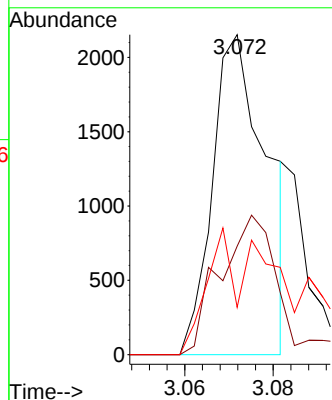
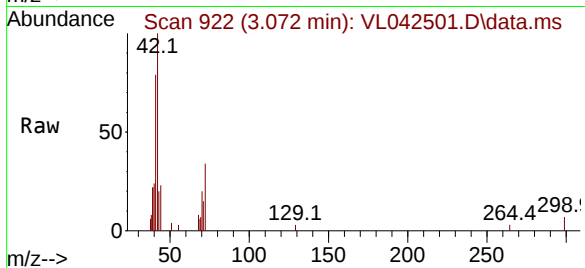




#41
Tetrahydrofuran
Concen: 0.316 ppbv
RT: 3.072 min Scan# 916
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

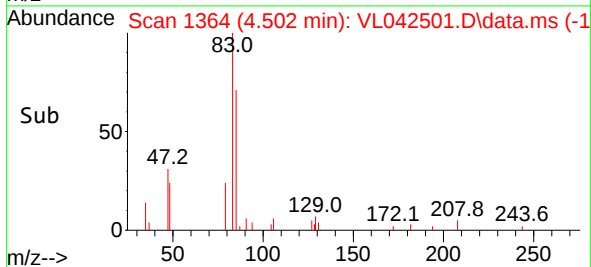
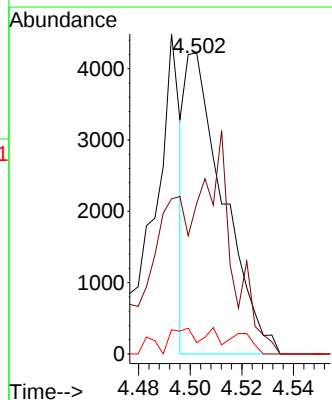
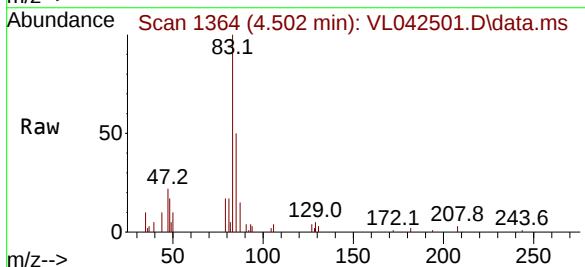
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

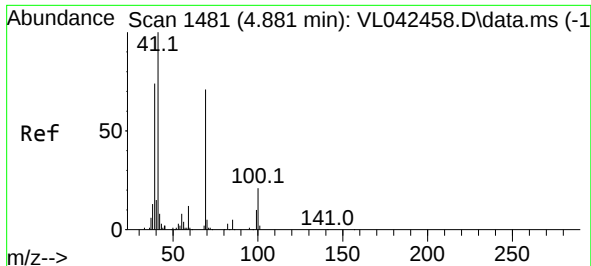
Tgt Ion: 42 Resp: 1835
Ion Ratio Lower Upper
42 100
72 48.1 33.5 50.3
71 58.3 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.288 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.016 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 83 Resp: 4327
Ion Ratio Lower Upper
83 100
85 50.0 51.5 77.3#
127 3.8 5.4 8.2#

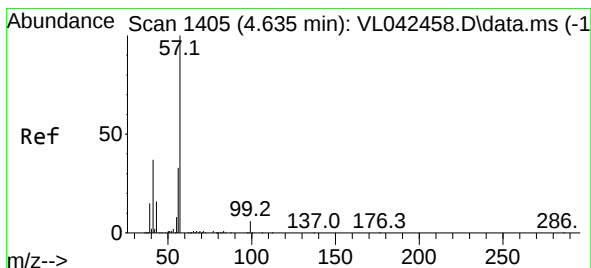
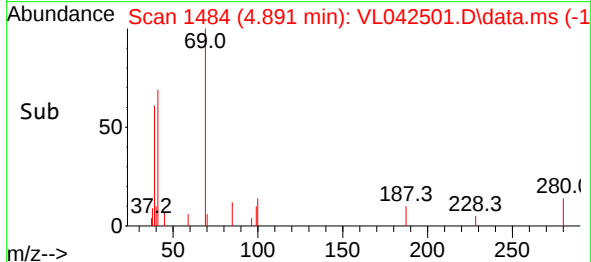
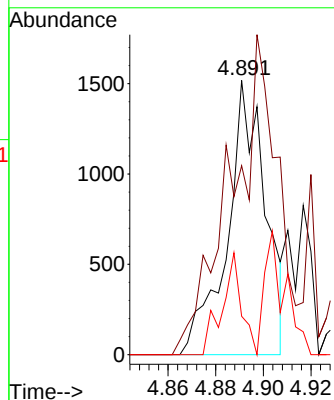
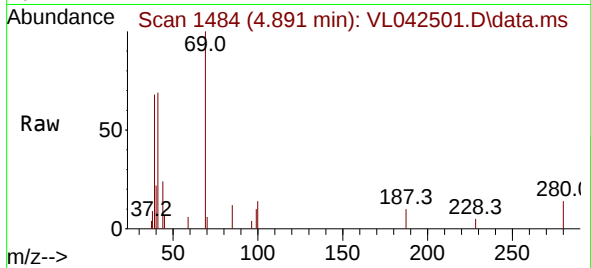




#43
Methyl Methacrylate
Concen: 0.282 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

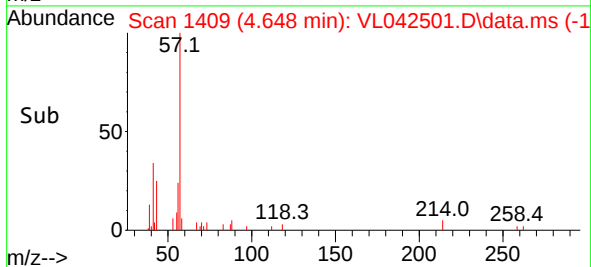
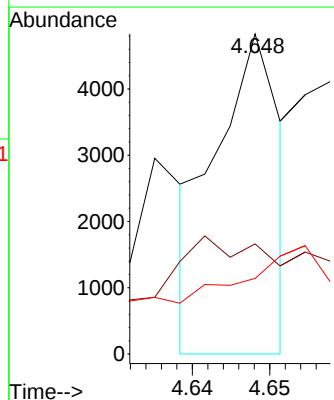
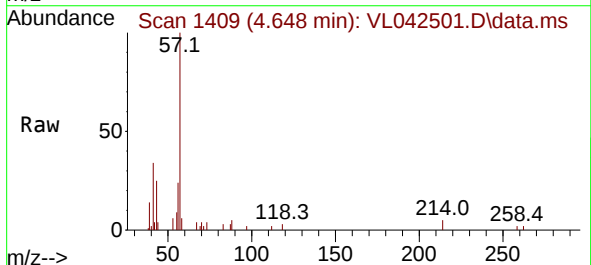
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

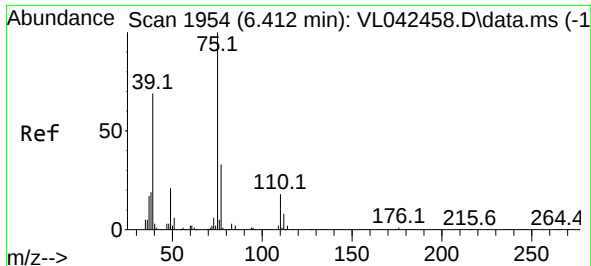
Tgt Ion: 69 Resp: 1683
Ion Ratio Lower Upper
69 100
41 166.7 120.8 181.2
100 43.3 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.109 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 57 Resp: 2817
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#

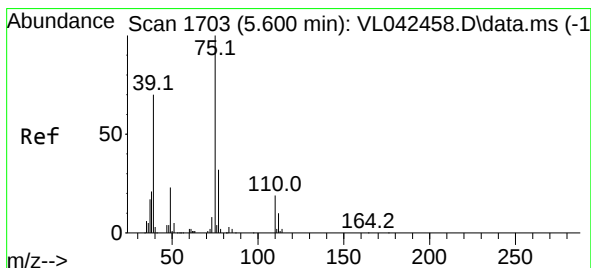
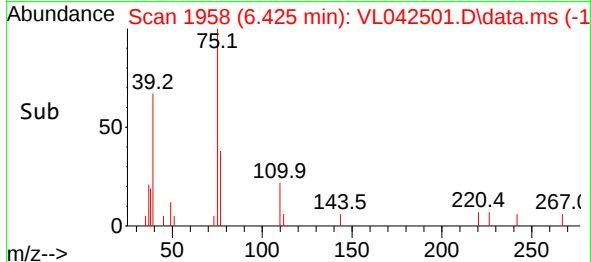
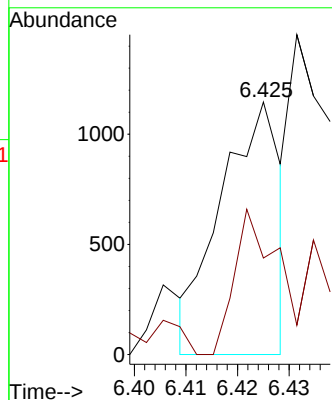
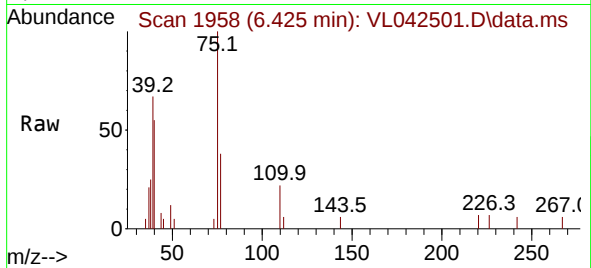




#45
 t-1,3-Dichloropropene
 Concen: 0.118 ppbv
 RT: 6.425 min Scan# 1958
 Delta R.T. 0.013 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

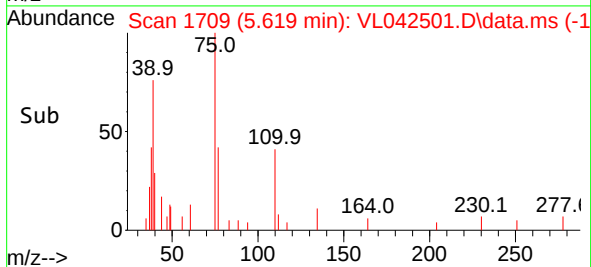
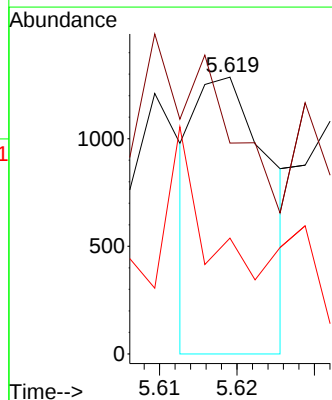
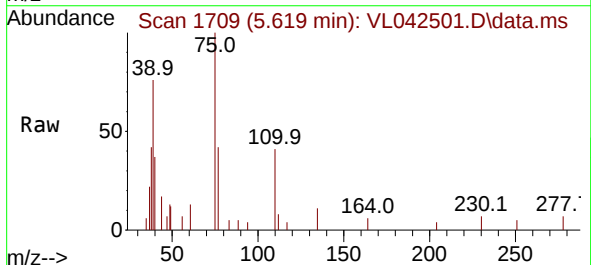
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

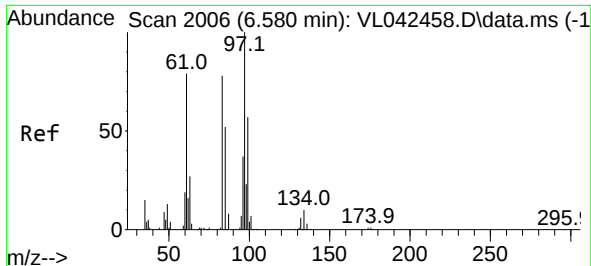
Tgt Ion: 75 Resp: 920
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.091 ppbv
 RT: 5.619 min Scan# 1709
 Delta R.T. 0.020 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 75 Resp: 850
 Ion Ratio Lower Upper
 75 100
 39 76.5 55.7 83.5
 77 10.4 25.8 38.8#

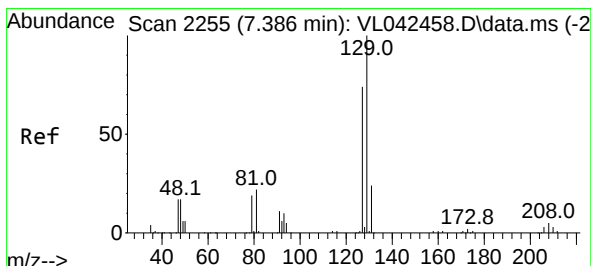
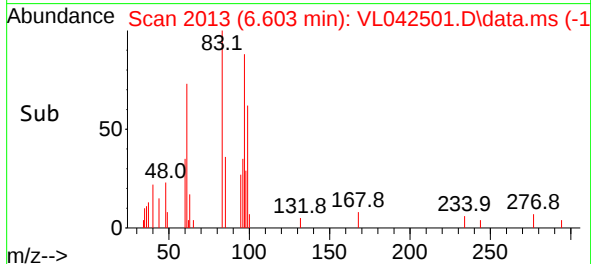
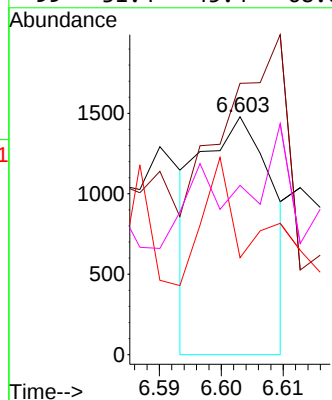
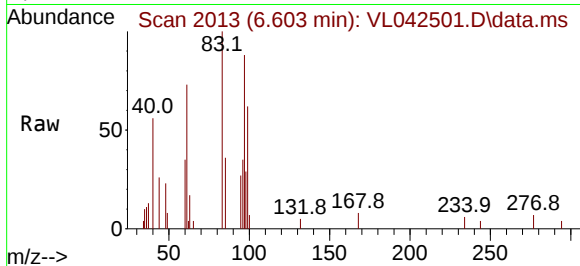




#47
 1,1,2-Trichloroethane
 Concen: 0.184 ppbv
 RT: 6.603 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

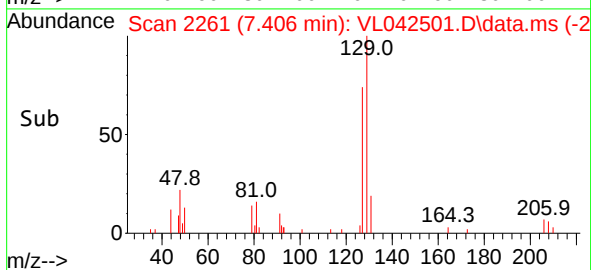
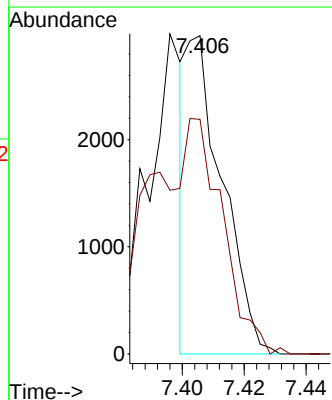
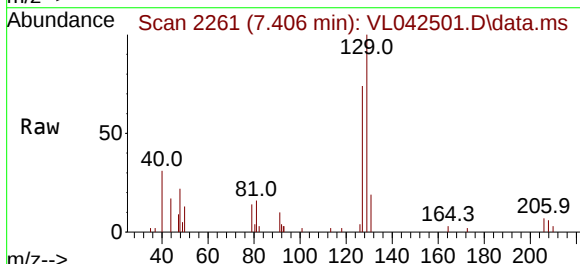
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

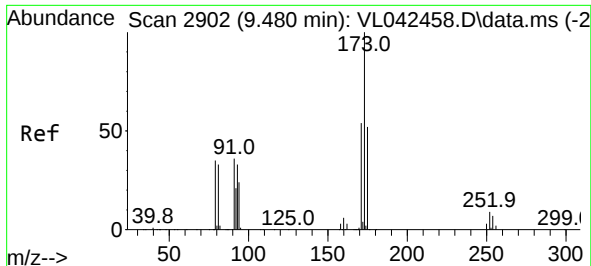
Tgt Ion:	97	Resp:	1206
Ion	Ratio	Lower	Upper
97	100		
83	157.0	62.2	93.2#
85	32.8	41.5	62.3#
99	31.4	45.4	68.0#



#48
 Dibromochloromethane
 Concen: 0.216 ppbv
 RT: 7.406 min Scan# 2261
 Delta R.T. 0.020 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion:	129	Resp:	2394
Ion	Ratio	Lower	Upper
129	100		
127	157.7	39.5	118.5#





#49

Bromoform

Concen: 0.407 ppbv

RT: 9.497 min Scan# 2902

Delta R.T. 0.016 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

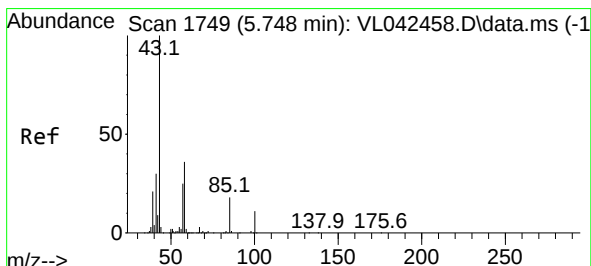
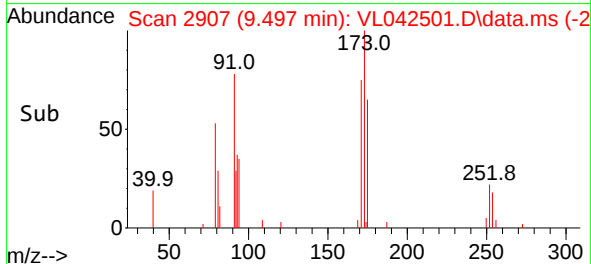
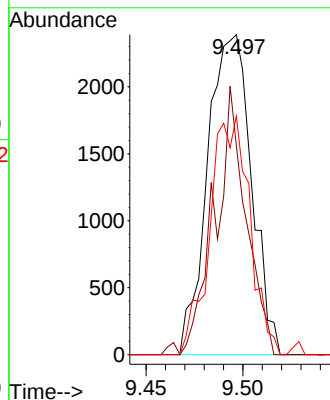
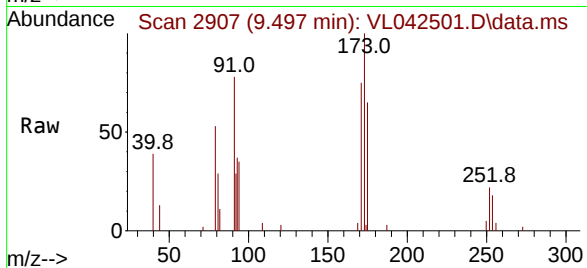
Tgt Ion:173 Resp: 3776

Ion Ratio Lower Upper

173 100

175 60.2 38.9 58.3#

171 68.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.152 ppbv

RT: 5.781 min Scan# 1759

Delta R.T. 0.033 min

Lab File: VL042501.D

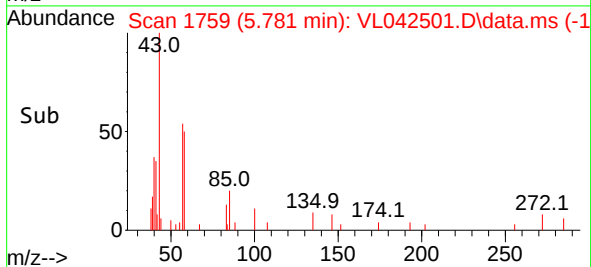
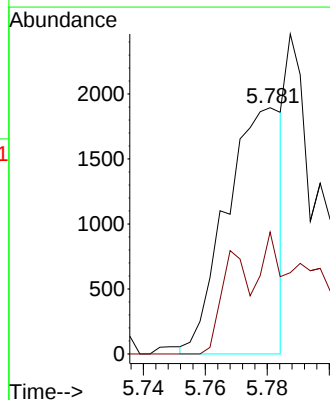
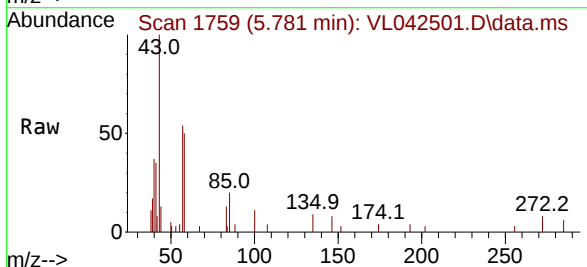
Acq: 06 May 2025 17:36

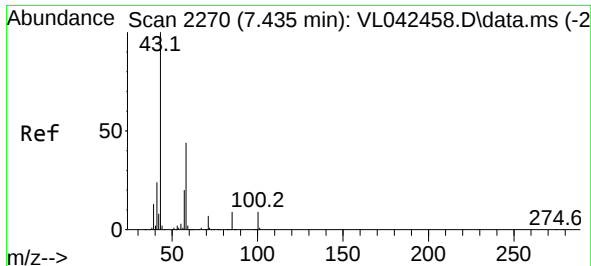
Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

58 72.2 29.5 44.3#

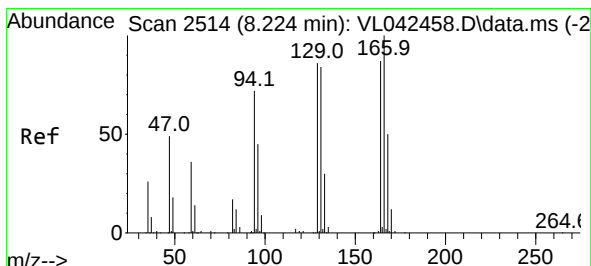
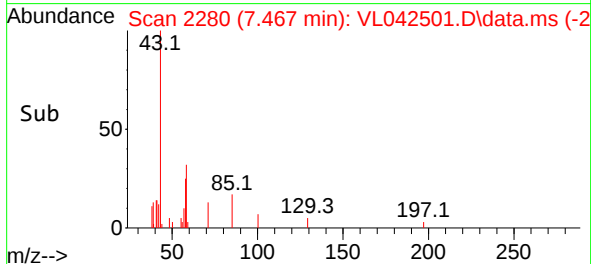
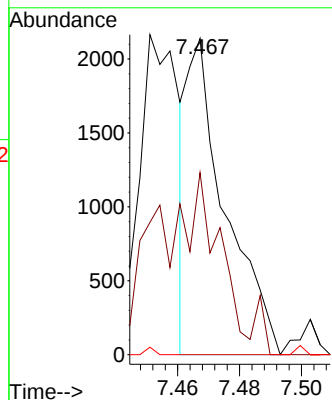
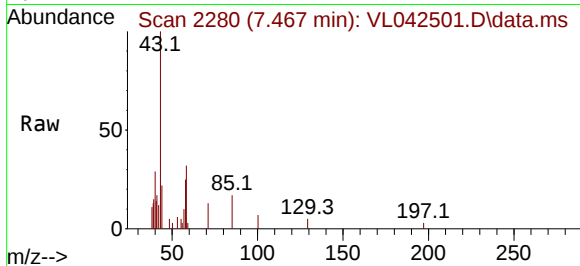




#51
2-Hexanone
Concen: 0.148 ppbv
RT: 7.467 min Scan# 2180
Delta R.T. 0.033 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

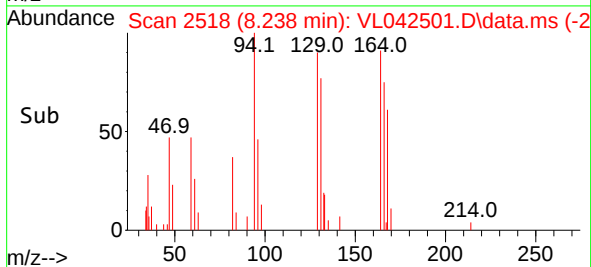
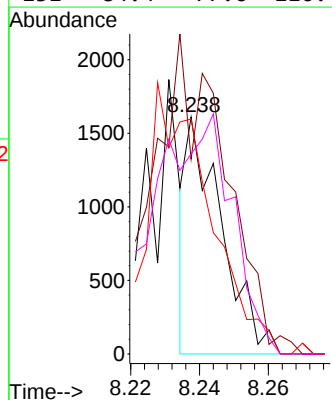
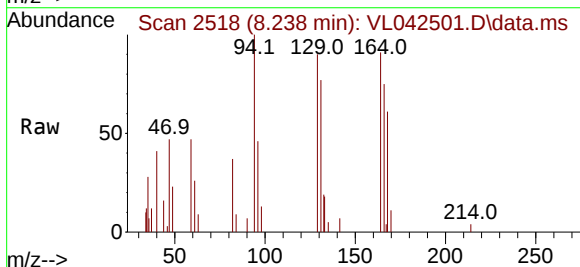
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

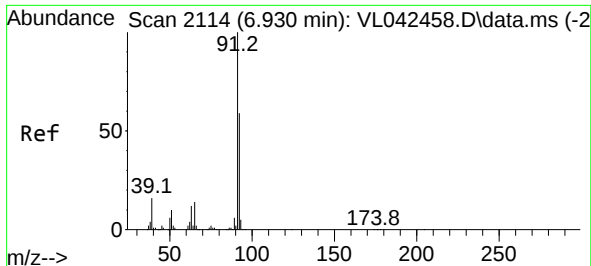
Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 100.7 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.188 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 164 Resp: 1141
Ion Ratio Lower Upper
164 100
166 74.5 91.6 137.4#
129 99.2 79.0 118.4
131 84.4 77.6 116.4

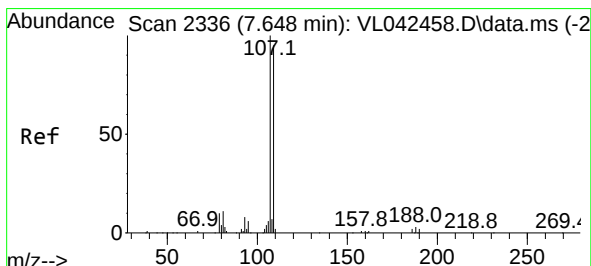
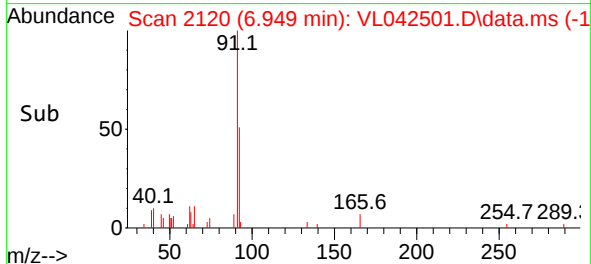
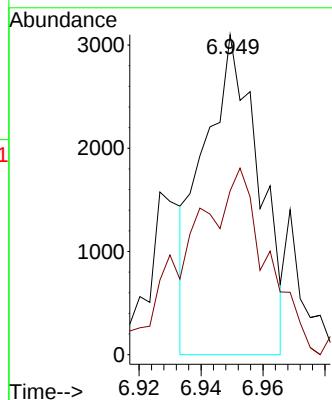
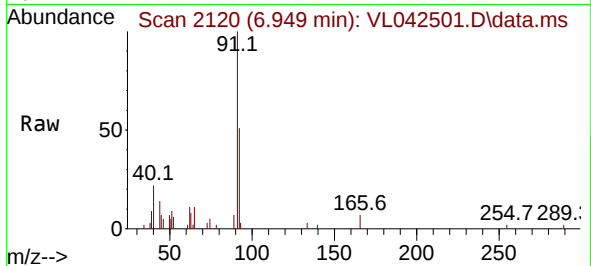




#53
Toluene
Concen: 0.227 ppbv
RT: 6.949 min Scan# 2114
Delta R.T. 0.020 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

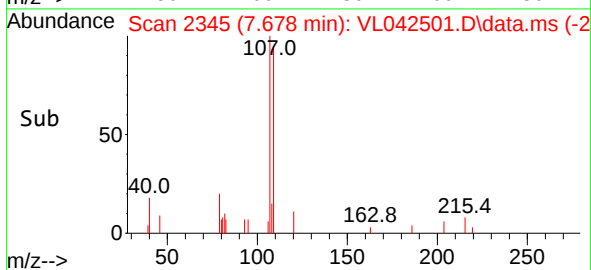
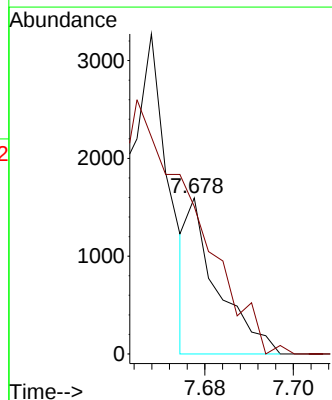
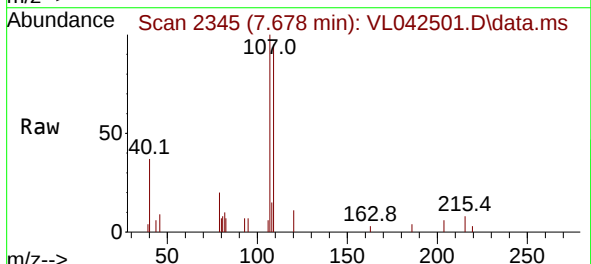
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

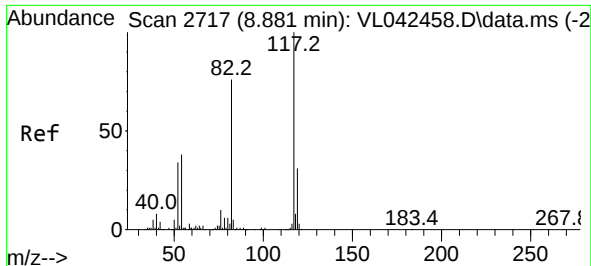
Tgt Ion: 91 Resp: 3841
Ion Ratio Lower Upper
91 100
92 86.1 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.074 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 107 Resp: 742
Ion Ratio Lower Upper
107 100
109 89.2 76.0 114.0

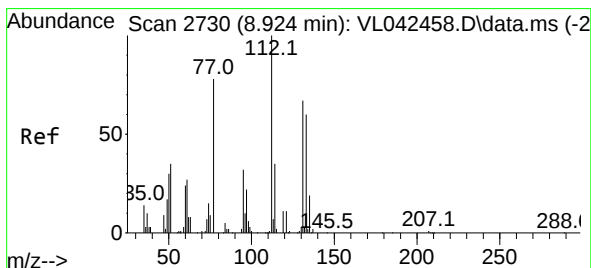
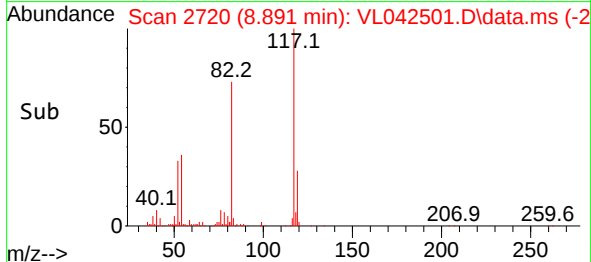
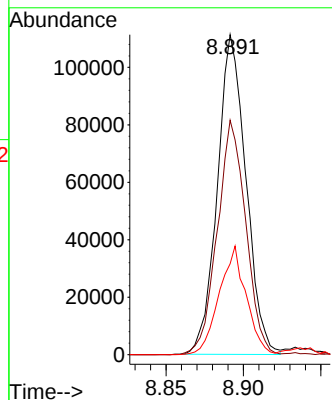
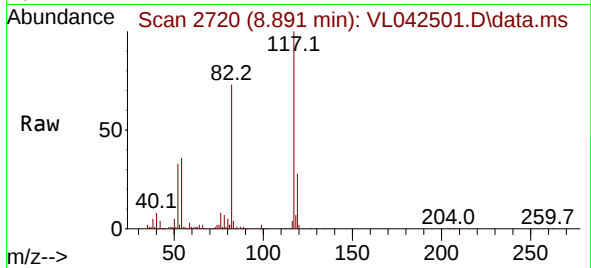




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

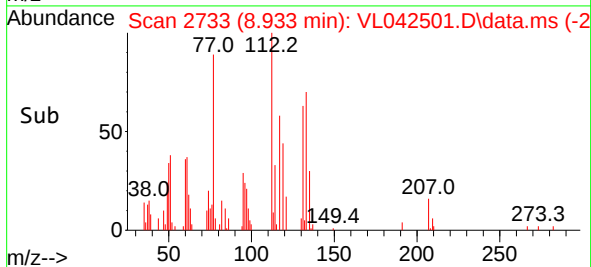
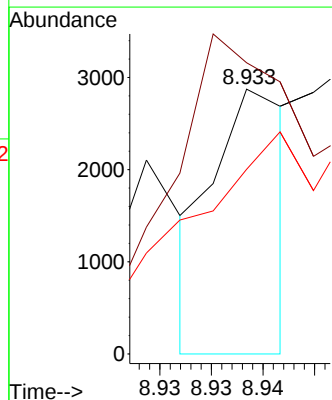
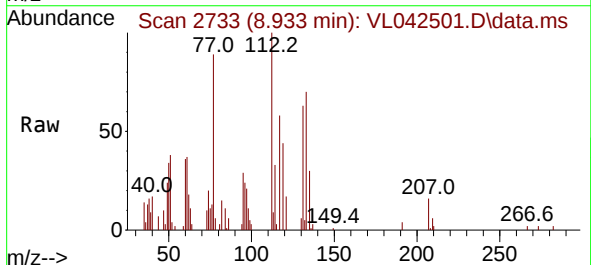
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

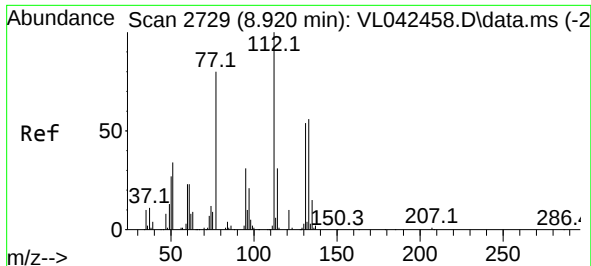
Tgt Ion:117 Resp: 142966
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 32.2 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.171 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:131 Resp: 1440
Ion Ratio Lower Upper
131 100
133 323.1 76.0 114.0#
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.489 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

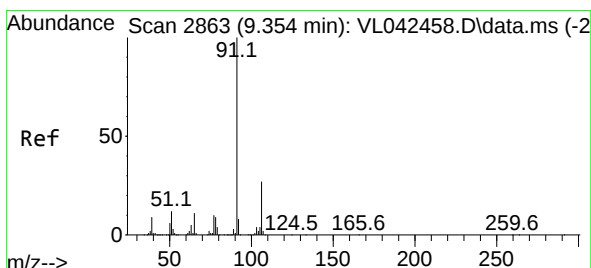
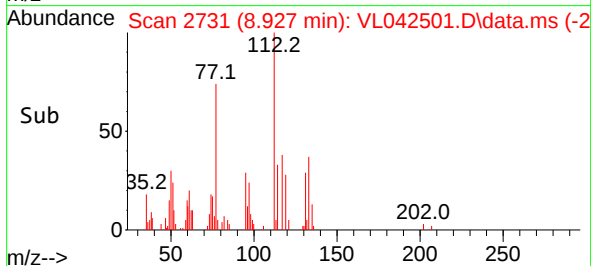
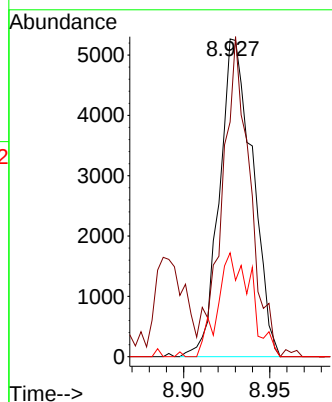
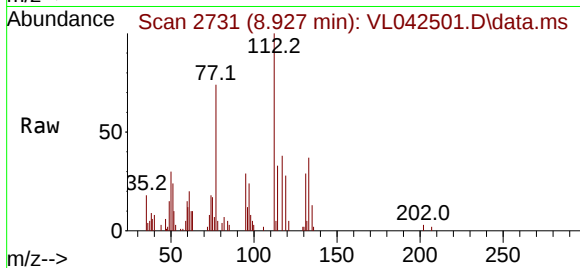
Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

Tgt Ion:112	Resp:	7029
Ion	Ratio	Lower Upper
112	100	
77	73.9	65.0 97.4
114	32.7	27.5 33.7



#58

Ethyl Benzene

Concen: 0.202 ppbv

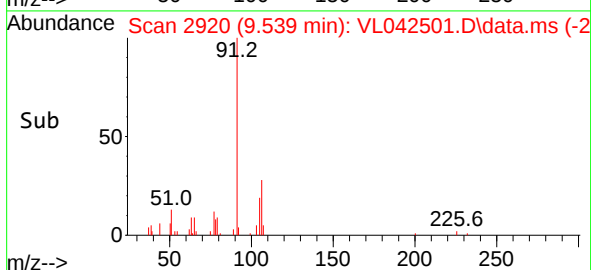
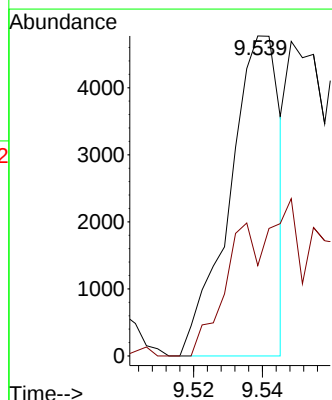
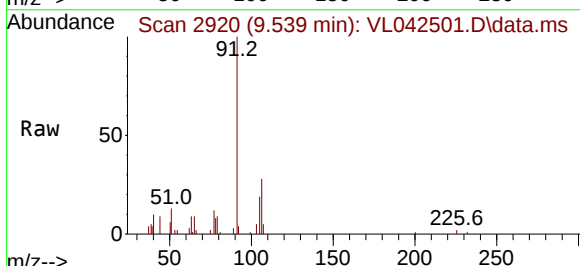
RT: 9.539 min Scan# 2920

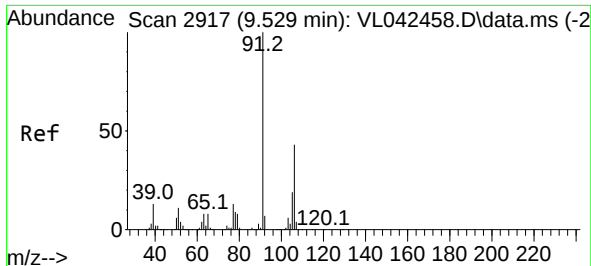
Delta R.T. 0.185 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Tgt Ion: 91	Resp:	4838
Ion	Ratio	Lower Upper
91	100	
106	28.3	21.9 32.9





#59

m/p-Xylene

Concen: 0.242 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

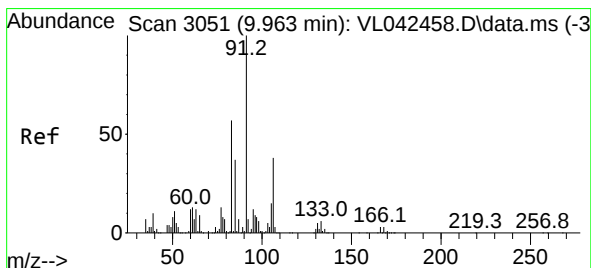
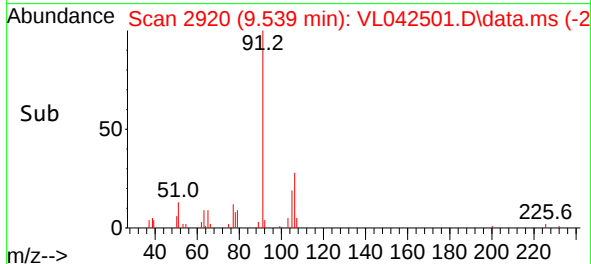
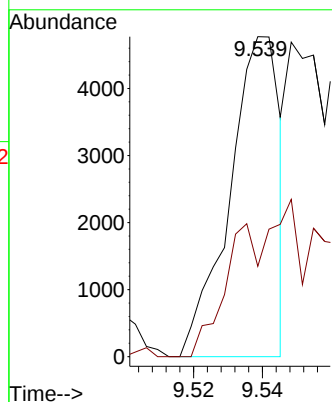
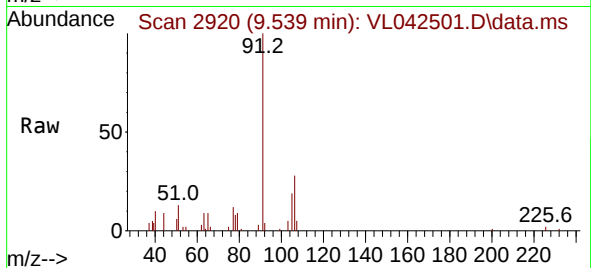
MDL1 0.40

Tgt Ion: 91 Resp: 4838

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.291 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042501.D

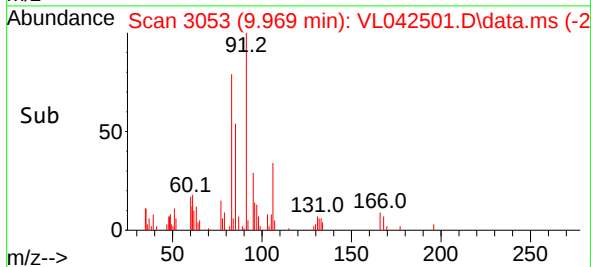
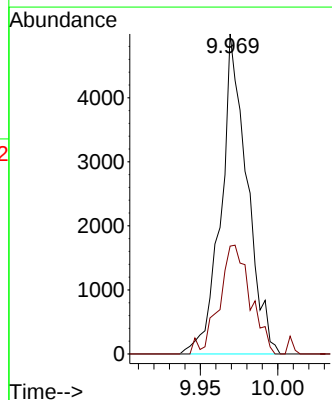
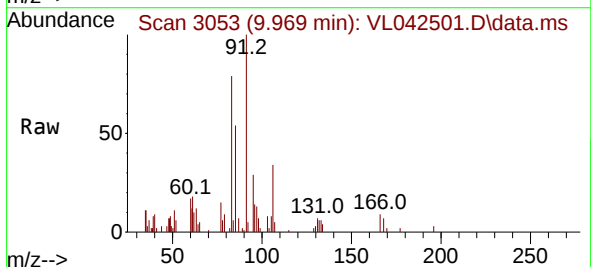
Acq: 06 May 2025 17:36

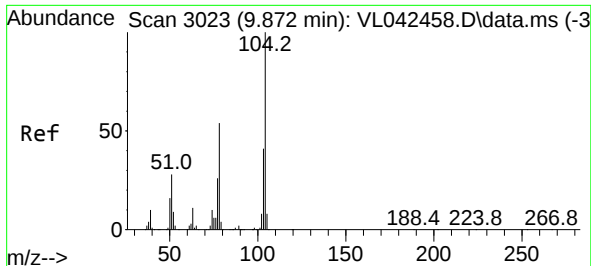
Tgt Ion: 91 Resp: 5844

Ion Ratio Lower Upper

91 100

106 41.9 20.1 60.2

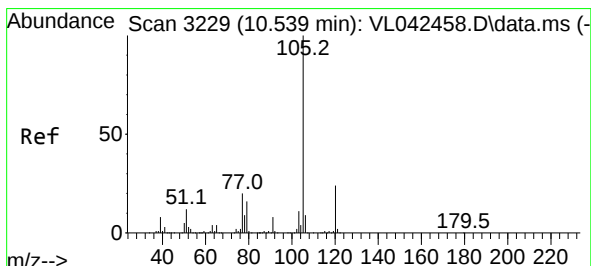
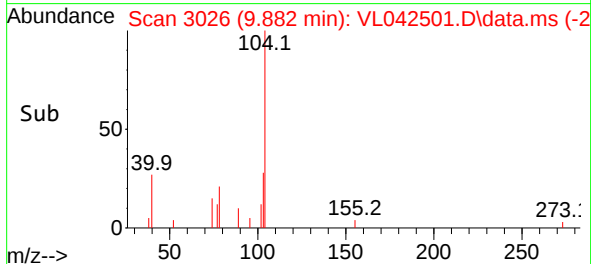
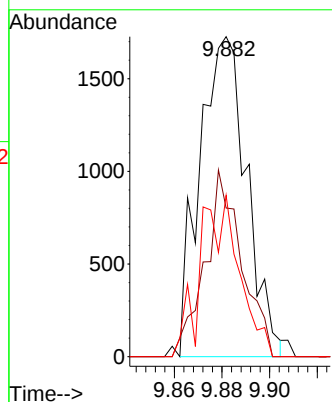
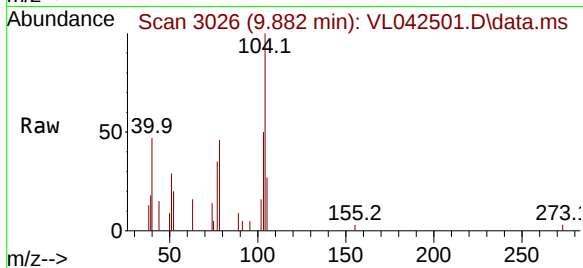




#61
Styrene
Concen: 0.316 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

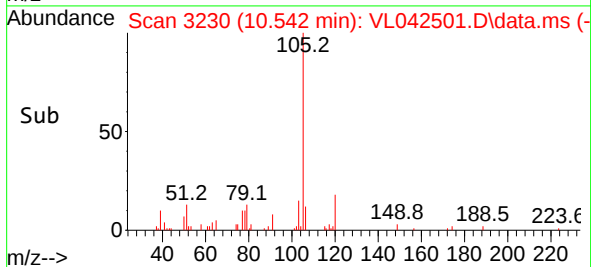
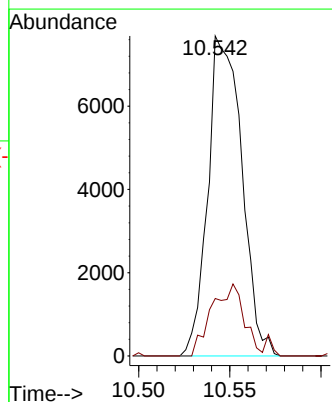
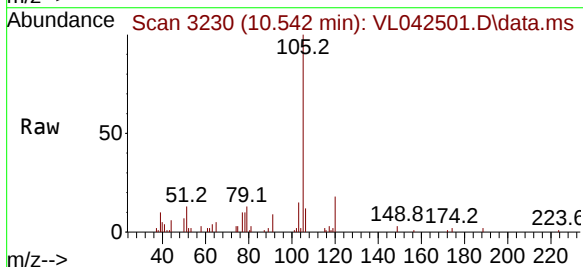
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

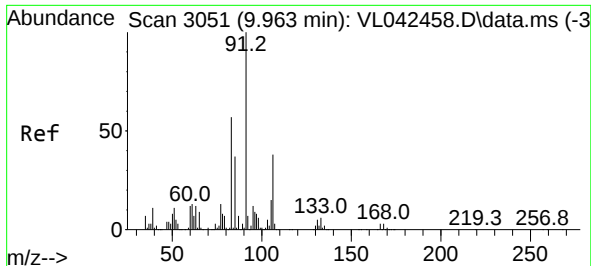
Tgt Ion:104 Resp: 2368
Ion Ratio Lower Upper
104 100
78 45.2 46.9 70.3#
103 41.9 36.6 55.0



#62
Isopropylbenzene
Concen: 0.344 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:105 Resp: 9948
Ion Ratio Lower Upper
105 100
120 22.7 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.457 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

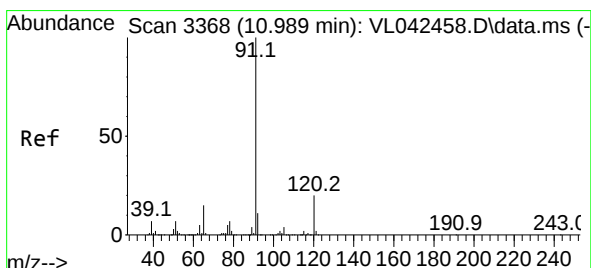
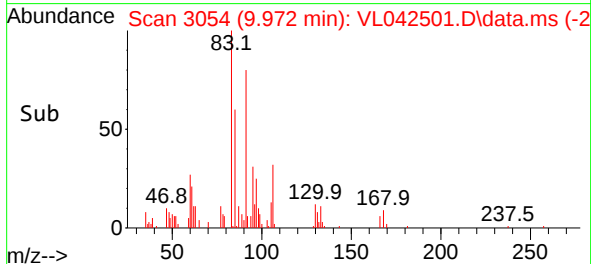
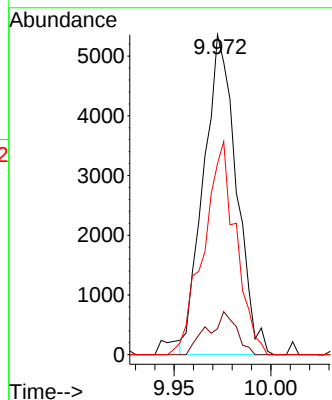
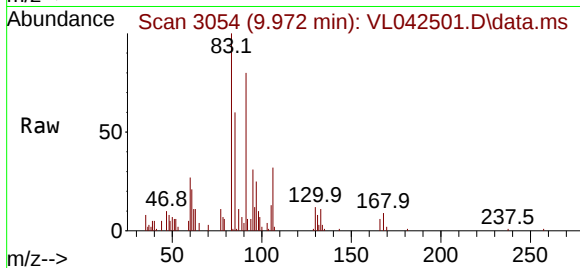
Tgt Ion: 83 Resp: 6325

Ion Ratio Lower Upper

83 100

131 11.7 4.7 14.1

85 65.6 32.5 97.4



#64

n-propylbenzene

Concen: 0.290 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.007 min

Lab File: VL042501.D

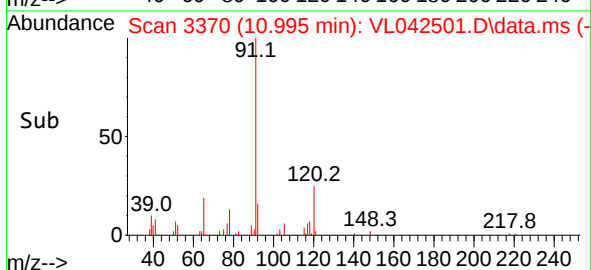
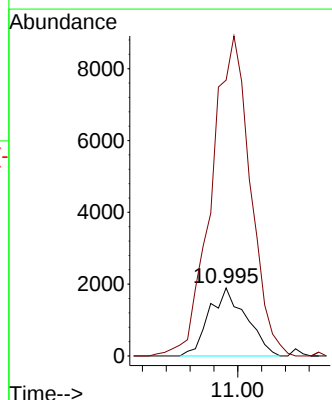
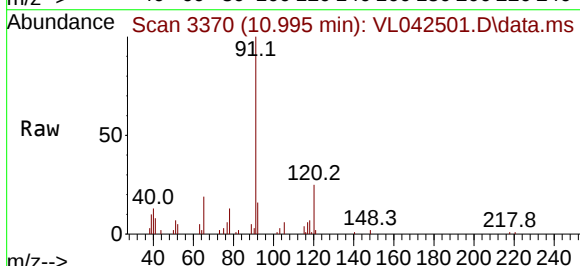
Acq: 06 May 2025 17:36

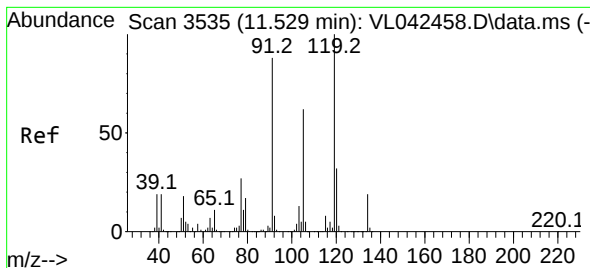
Tgt Ion: 120 Resp: 2048

Ion Ratio Lower Upper

120 100

91 499.3 408.6 612.8





#65

tert-Butylbenzene

Concen: 0.278 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

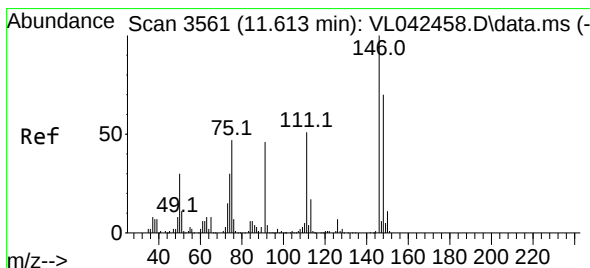
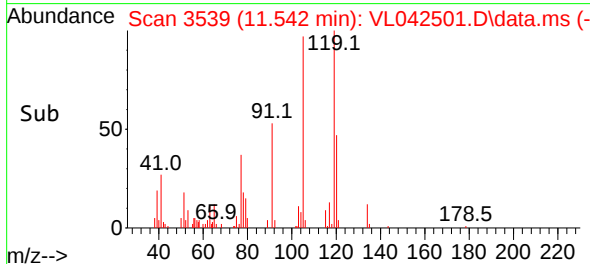
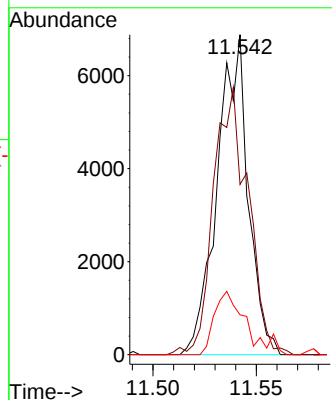
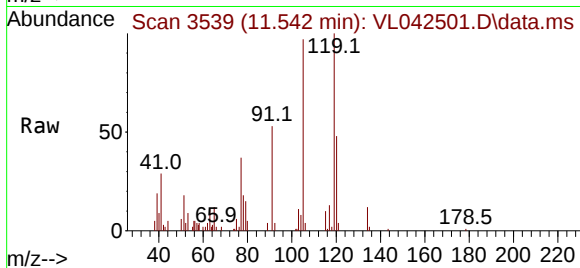
Tgt Ion:119 Resp: 7164

Ion Ratio Lower Upper

119 100

91 93.3 71.6 107.4

134 20.9 15.0 22.4



#66

Benzyl Chloride

Concen: 0.149 ppbv

RT: 11.630 min Scan# 3566

Delta R.T. 0.016 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

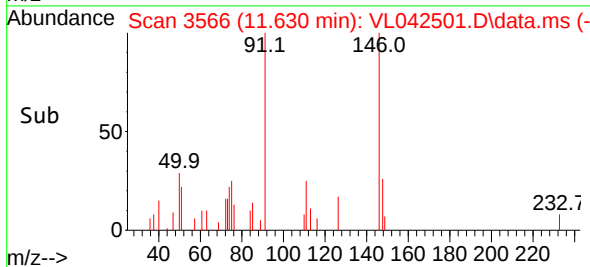
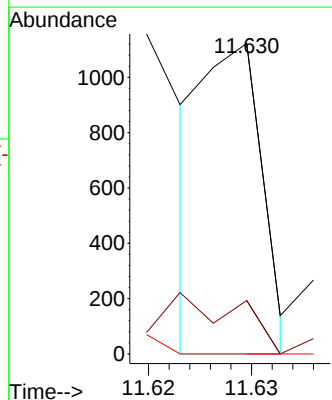
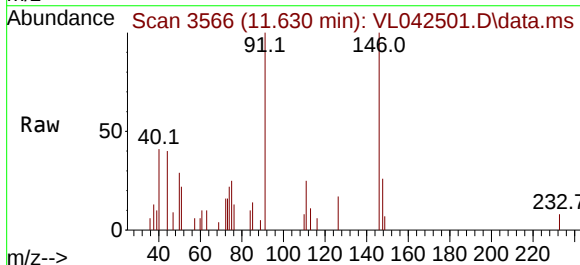
Tgt Ion: 91 Resp: 446

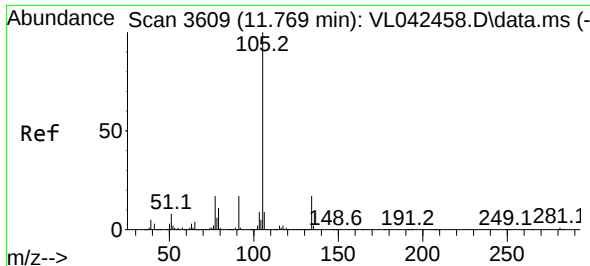
Ion Ratio Lower Upper

91 100

126 0.0 13.3 19.9#

128 0.0 4.2 6.4#

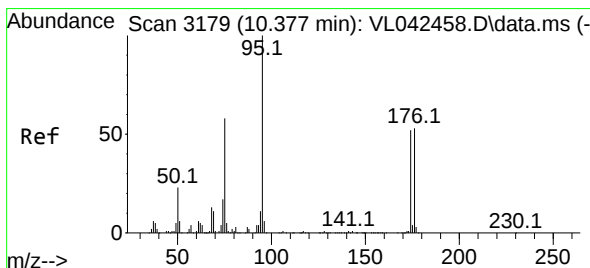
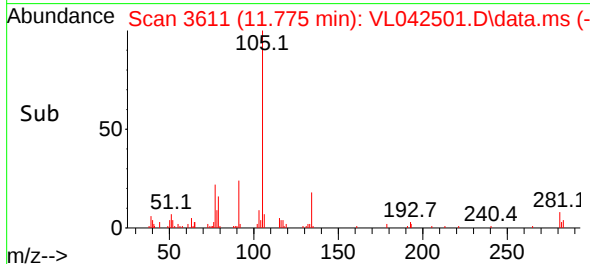
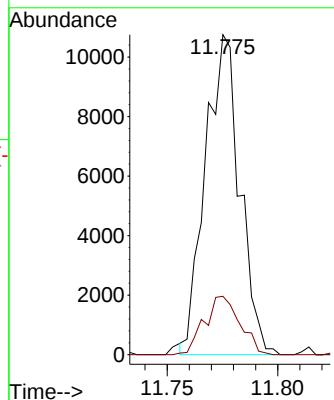
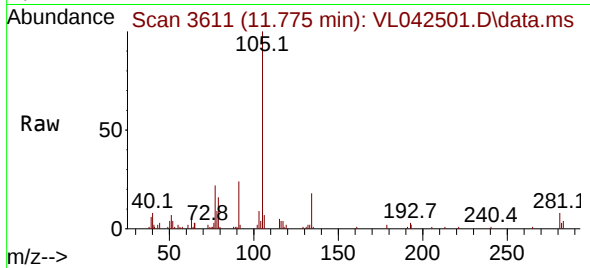




#67
 sec-Butylbenzene
 Concen: 0.317 ppbv
 RT: 11.775 min Scan# 3111
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

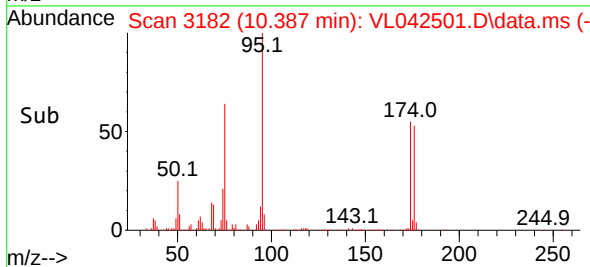
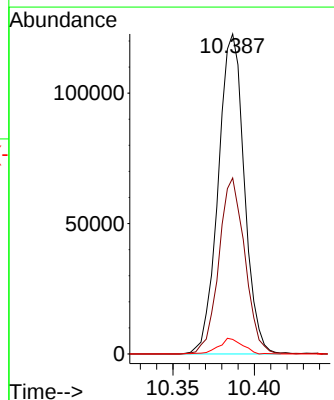
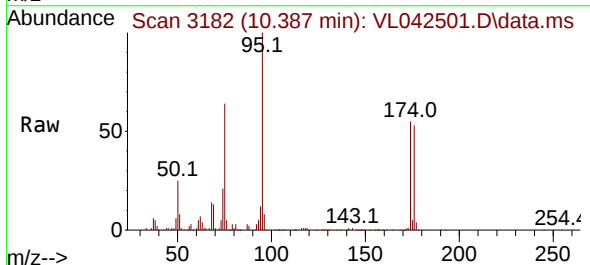
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

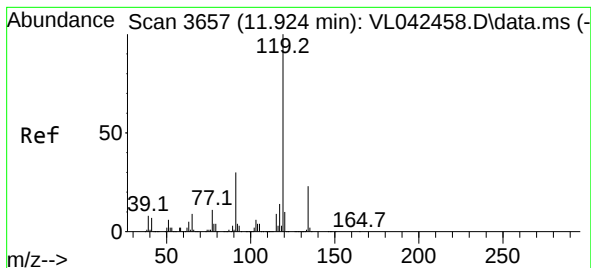
Tgt Ion:105 Resp: 11638
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.281 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion: 95 Resp: 136275
 Ion Ratio Lower Upper
 95 100
 174 55.1 42.7 64.1
 175 4.5 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.262 ppbv

RT: 11.931 min Scan# 3

Delta R.T. 0.007 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

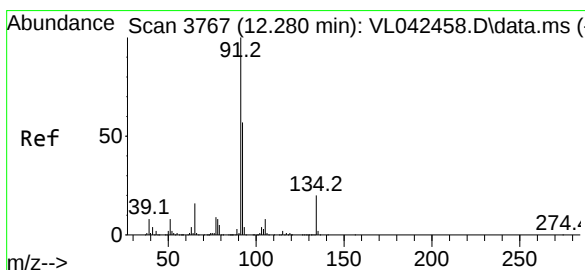
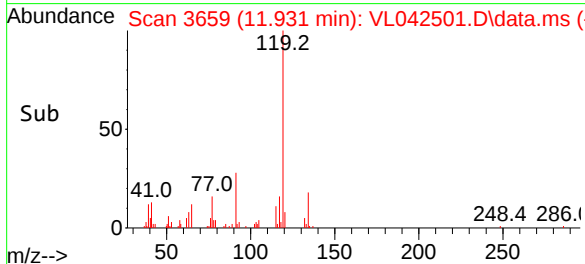
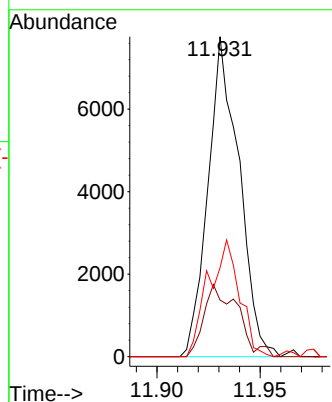
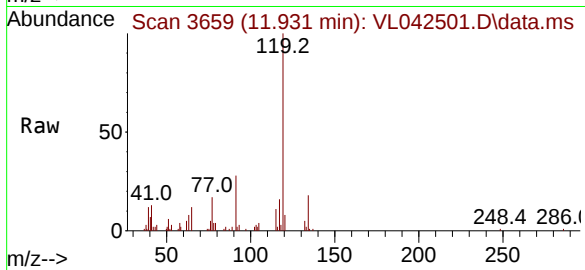
Tgt Ion:119 Resp: 8103

Ion Ratio Lower Upper

119 100

134 24.5 19.0 28.4

91 38.4 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.257 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

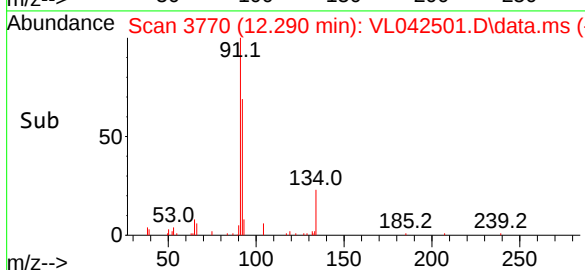
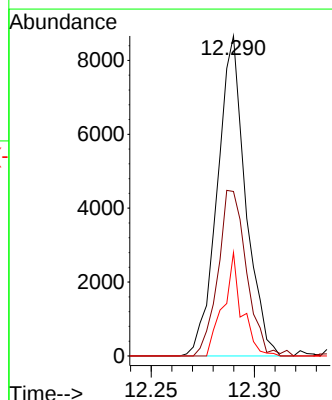
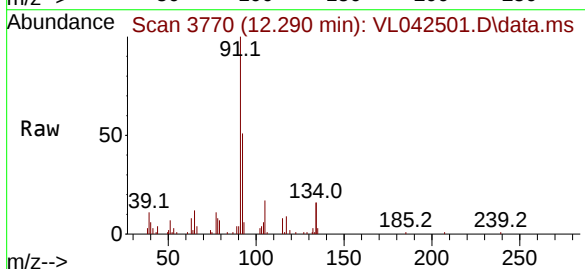
Tgt Ion: 91 Resp: 8223

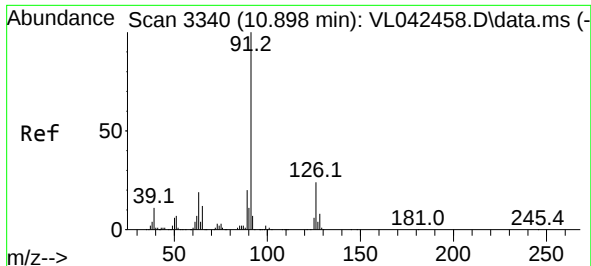
Ion Ratio Lower Upper

91 100

92 52.3 44.0 66.0

134 21.3 16.8 25.2

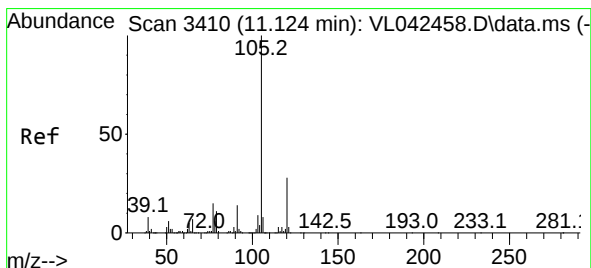
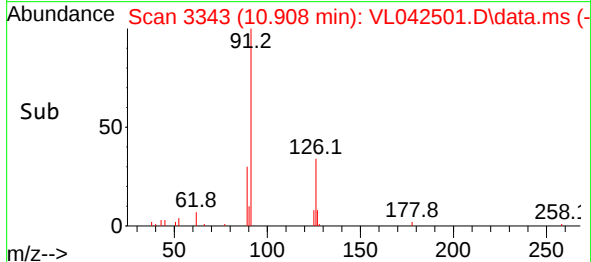
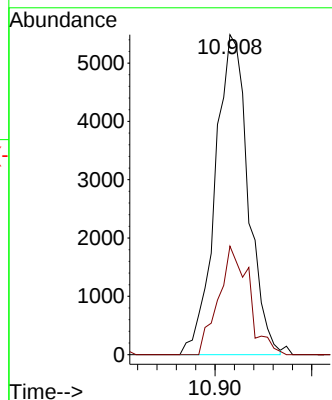
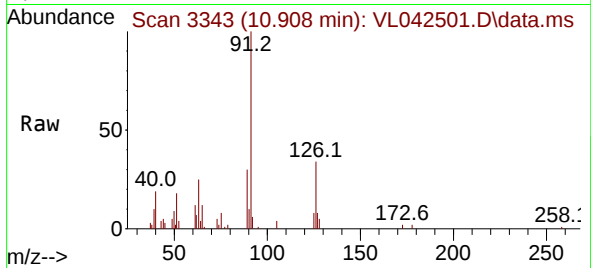




#71
2-Chlorotoluene
Concen: 0.286 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

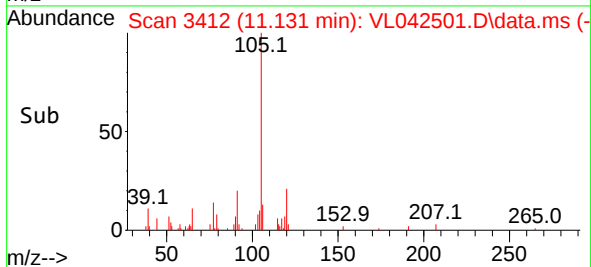
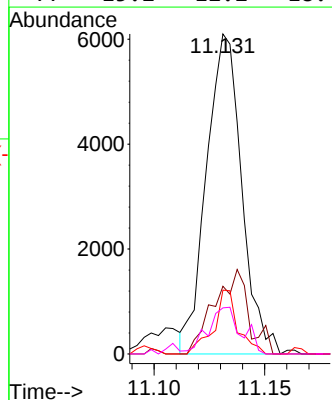
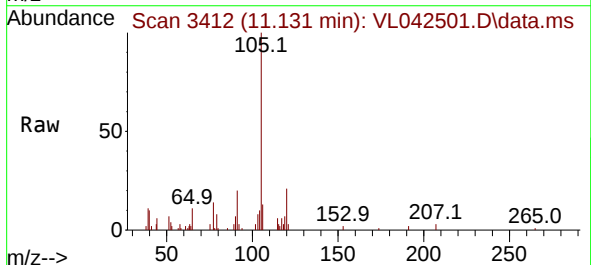
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

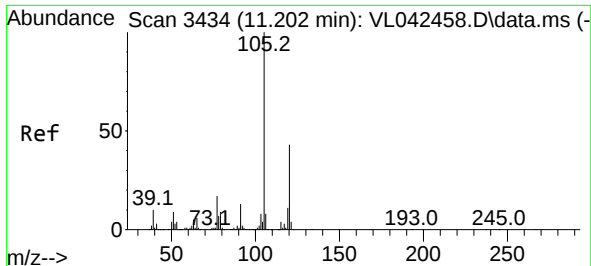
Tgt Ion: 91 Resp: 6497
Ion Ratio Lower Upper
91 100
126 31.3 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.286 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion: 105 Resp: 6753
Ion Ratio Lower Upper
105 100
120 26.5 22.0 33.0
91 15.0 11.2 16.8
77 15.2 12.2 18.4

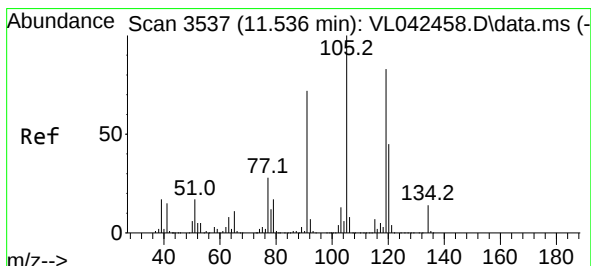
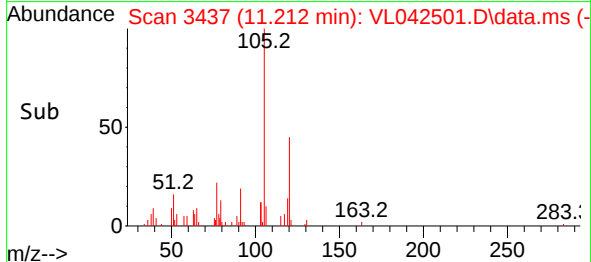
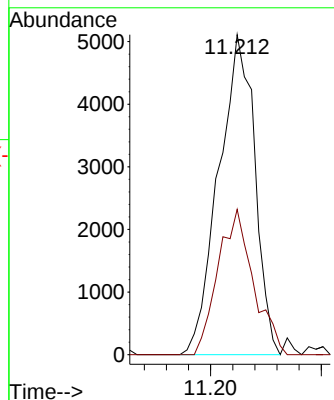
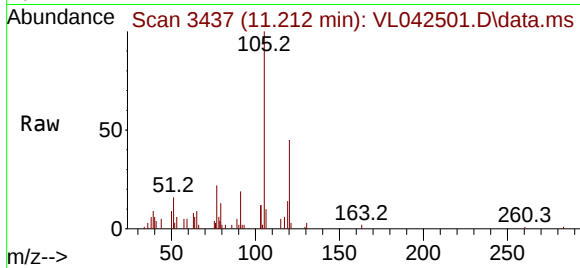




#73
 1,3,5-Trimethylbenzene
 Concen: 0.278 ppbv
 RT: 11.212 min Scan# 3434
 Delta R.T. 0.010 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

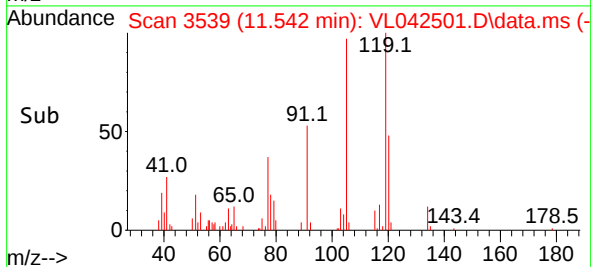
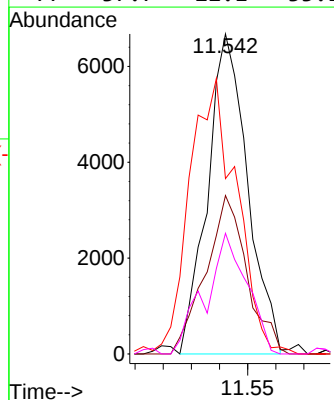
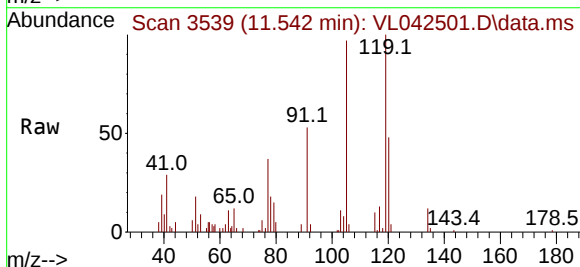
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

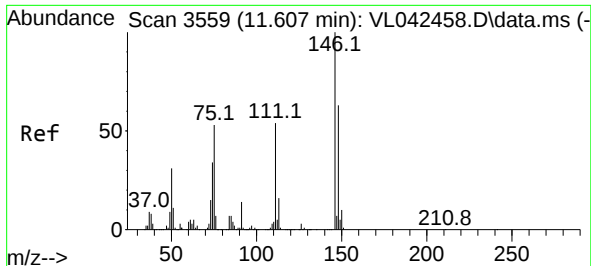
Tgt Ion:105 Resp: 5785
 Ion Ratio Lower Upper
 105 100
 120 45.4 34.4 51.6



#74
 1,2,4-Trimethylbenzene
 Concen: 0.262 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. 0.007 min
 Lab File: VL042501.D
 Acq: 06 May 2025 17:36

Tgt Ion:105 Resp: 6593
 Ion Ratio Lower Upper
 105 100
 120 47.9 36.1 54.1
 91 52.6 57.6 86.4#
 77 37.7 22.1 33.1#

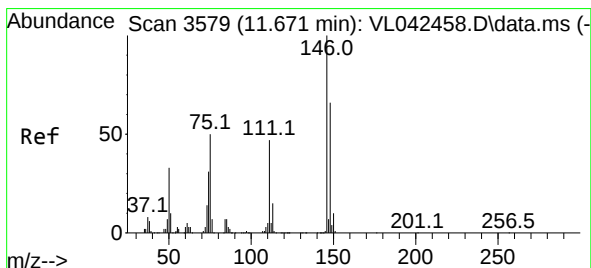
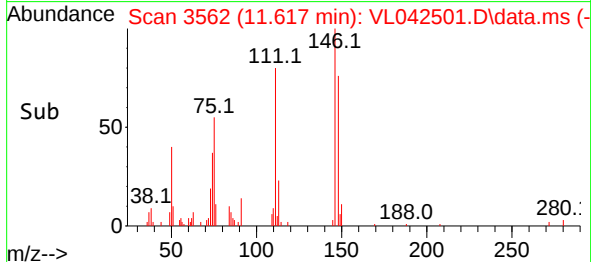
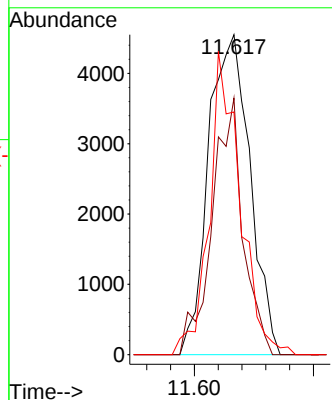
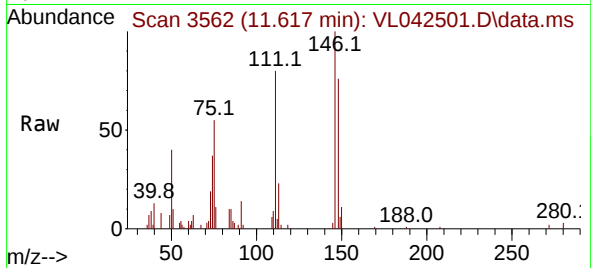




#75
1,3-Dichlorobenzene
Concen: 0.393 ppbv
RT: 11.617 min Scan# 3559
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

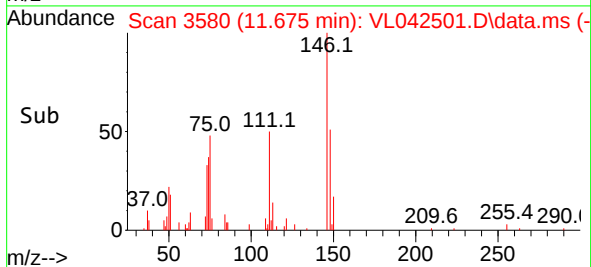
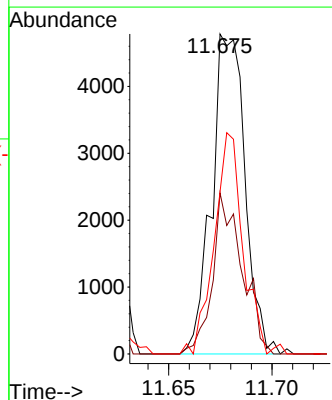
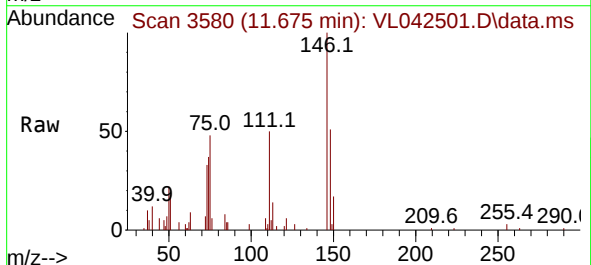
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

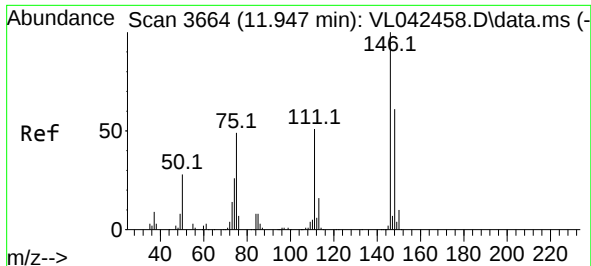
Tgt Ion:	146	Resp:	5504
Ion Ratio	Lower	Upper	
146	100		
111	59.8	26.1	78.3
148	70.0	32.0	96.0



#76
1,4-Dichlorobenzene
Concen: 0.404 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:	146	Resp:	5351
Ion Ratio	Lower	Upper	
146	100		
111	44.9	24.4	73.2
148	60.2	32.0	96.2

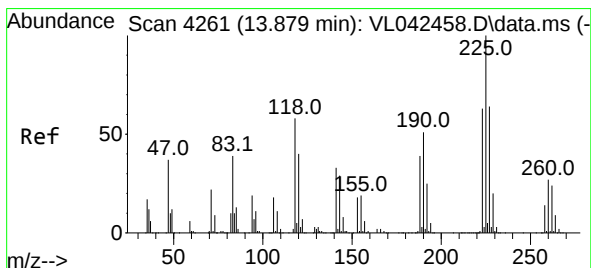
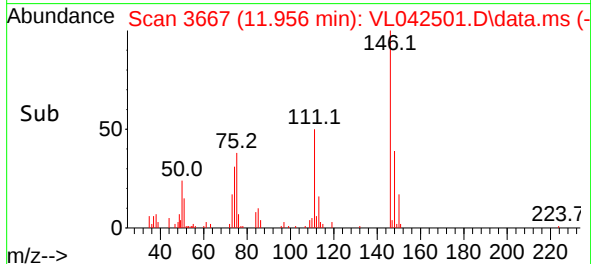
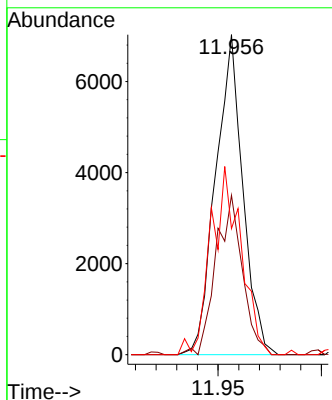
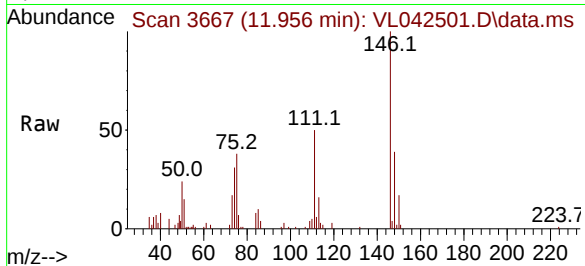




#77
1,2-Dichlorobenzene
Concen: 0.470 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

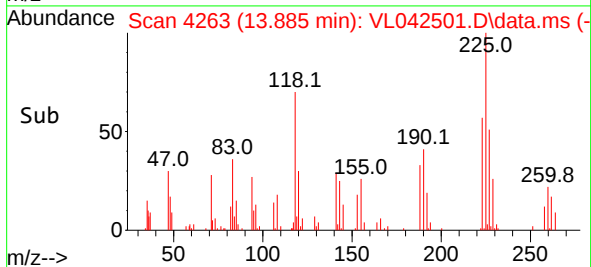
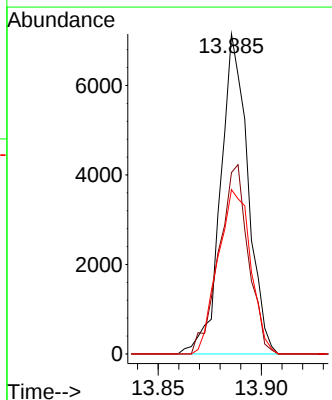
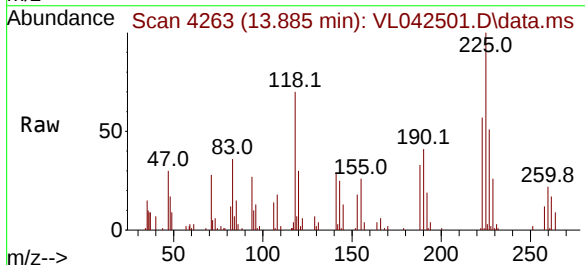
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

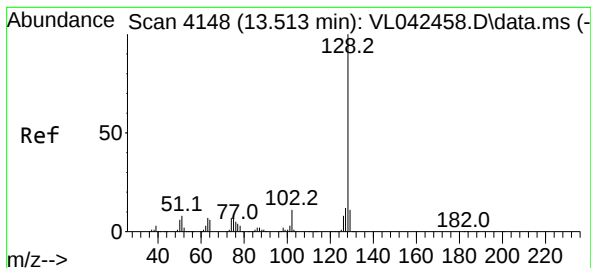
Tgt Ion:	146	Resp:	6439
Ion	Ratio	Lower	Upper
146	100		
111	48.9	26.5	79.5
148	64.8	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.480 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042501.D
Acq: 06 May 2025 17:36

Tgt Ion:	225	Resp:	6569
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.4
227	61.6	51.2	76.8





#79

Naphthalene

Concen: 0.207 ppbv

RT: 13.523 min Scan# 4148

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

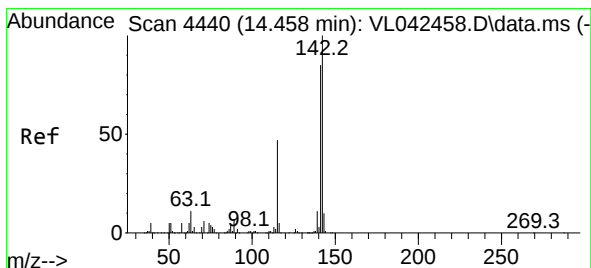
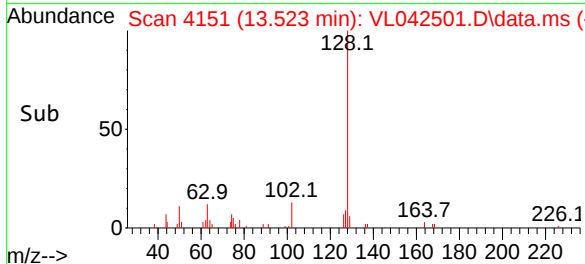
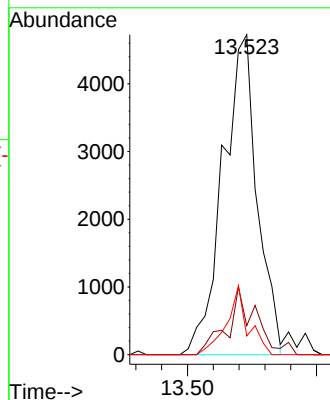
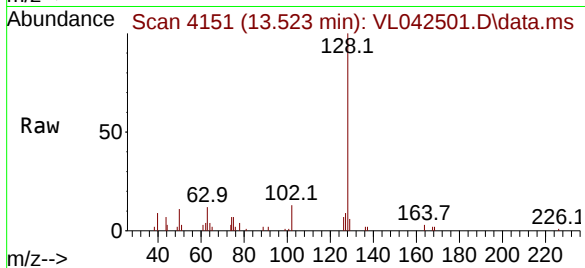
Tgt Ion:128 Resp: 4381

Ion Ratio Lower Upper

128 100

127 9.1 9.7 14.5#

129 5.8 8.6 13.0#



#80

Naphthalene,2-methyl-

Concen: 0.099 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. 0.010 min

Lab File: VL042501.D

Acq: 06 May 2025 17:36

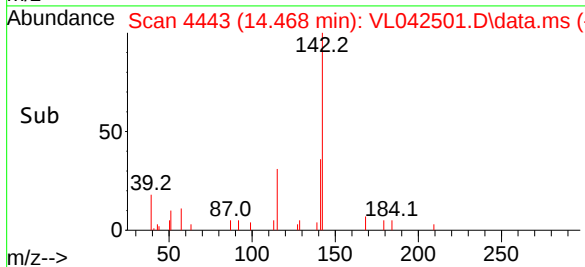
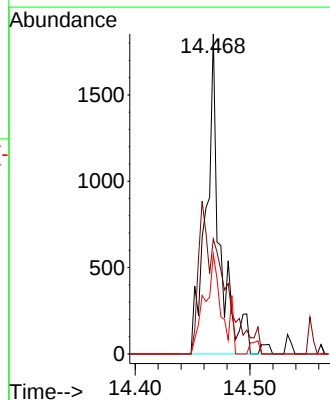
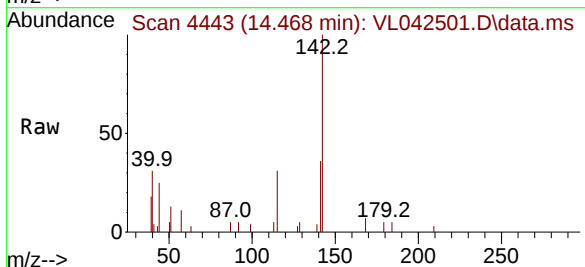
Tgt Ion:142 Resp: 1553

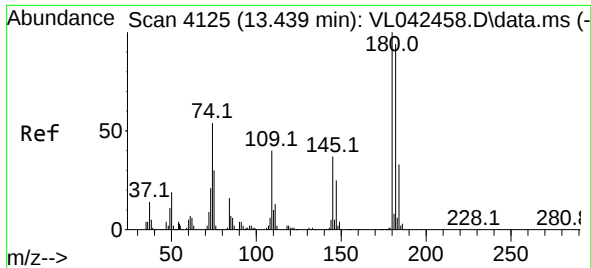
Ion Ratio Lower Upper

142 100

141 80.8 67.4 101.0

115 38.4 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.210 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042501.D

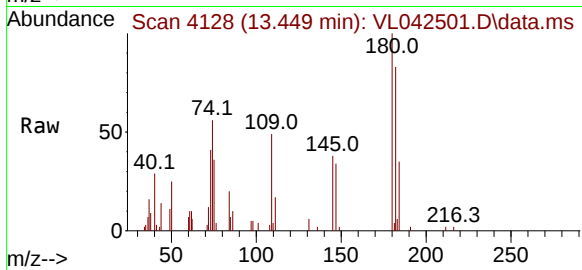
Acq: 06 May 2025 17:36

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40



Tgt Ion:	180	Resp:	2371
Ion	Ratio	Lower	Upper
180	100		
182	106.6	74.6	111.8
184	38.3	24.9	37.3#

