

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042503.D
 Acq On : 06 May 2025 18:39
 Operator : SY/MD
 Sample : MDL3 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Quant Time: May 07 01:45:46 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	68668	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	180254	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	149930	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	142737	10.268	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	6034	0.531	ppbv	92
3) Chlorodifluoromethane	1.480	51	6441	0.536	ppbv	99
4) Chloromethane	1.538	50	2310	0.486	ppbv	90
5) Vinyl Chloride	1.583	62	2316	0.484	ppbv	96
6) Bromomethane	1.674	94	1285	0.569	ppbv #	76
7) Chloroethane	1.710	64	920	0.521	ppbv	97
8) Dichlorotetrafluoroethane	1.557	85	5514	0.589	ppbv	97
9) Propene	1.486	41	1424	0.362	ppbv	88
10) Heptane	4.998	43	1024	0.100	ppbv #	1
11) Trichlorofluoromethane	1.881	101	5367	0.512	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	4225	0.505	ppbv #	83
13) Ethanol	1.729	45	577	0.724	ppbv #	45
14) Bromoethene	1.787	108	1858	0.601	ppbv #	81
15) Acetone	1.842	43	8492	0.677	ppbv	92
16) 1,3-Butadiene	1.612	39	2995	0.542	ppbv	87
17) tert-Butyl alcohol	2.053	59	5104	0.462	ppbv #	87
18) 1,1-Dichloroethene	2.350	96	2315	0.592	ppbv	81
19) Isopropyl Alcohol	1.897	45	3619	0.522	ppbv #	85
20) Methylene Chloride	2.069	84	2045	0.543	ppbv #	66
21) Allyl Chloride	2.104	41	3615	0.448	ppbv #	59
22) trans-1,2-Dichloroethene	2.350	96	2315	0.507	ppbv	94
23) Vinyl Acetate	2.470	43	5973	0.499	ppbv #	89
24) 1,1-Dichloroethane	2.415	63	4675	0.502	ppbv #	88
25) Ethyl Acetate	2.849	43	6430	0.320	ppbv #	90
26) Hexane	2.839	57	2781	0.318	ppbv #	71
27) Carbon Disulfide	2.156	76	4721	0.463	ppbv #	1
28) Methyl tert-Butyl Ether	2.451	73	2422	0.461	ppbv #	78
29) Chloroform	2.859	83	9130	0.557	ppbv	98
30) Cyclohexane	3.875	84	899	0.123	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	2513	0.246	ppbv	93
32) 1,1,1-Trichloroethane	3.376	97	8191	0.461	ppbv	99
34) 2-Butanone	2.570	43	5597	0.429	ppbv #	89
35) Carbon Tetrachloride	3.775	117	7943	0.485	ppbv #	88
36) Benzene	3.658	78	1294	0.076	ppbv	95
37) 1,2-Dichloroethane	3.231	62	6744	0.514	ppbv	98
38) Trichloroethene	4.571	130	2136	0.329	ppbv #	50
39) 1,2-Dichloropropane	4.328	63	2953	0.464	ppbv #	82
40) 1,4-Dioxane	4.619	88	492	0.165	ppbv #	100
41) Tetrahydrofuran	3.072	42	976	0.158	ppbv #	51
42) Bromodichloromethane	4.506	83	7872	0.491	ppbv	90
43) Methyl Methacrylate	4.898	69	778	0.123	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	3341	0.121	ppbv #	1
45) t-1,3-Dichloropropene	6.432	75	1728	0.208	ppbv #	74

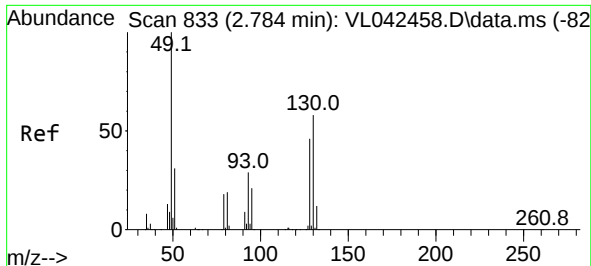
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042503.D
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 Sample : MDL3 0.40
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Instrument :
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 MDL3 0.40

Quant Time: May 07 01:45:46 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	5.623	75	1207	0.122	ppbv	#	60
47) 1,1,2-Trichloroethane	6.610	97	3209	0.459	ppbv	#	73
48) Dibromochloromethane	7.412	129	1298	0.110	ppbv	#	10
50) 4-Methyl-2-Pentanone	5.781	43	1723	0.104	ppbv	#	38
51) 2-Hexanone	7.471	43	1484	0.113	ppbv	#	31
52) Tetrachloroethene	8.238	164	1475	0.228	ppbv		91
53) Toluene	6.953	91	3857	0.214	ppbv	#	21
54) 1,2-Dibromoethane	7.678	107	1131	0.106	ppbv		94
56) 1,1,1,2-Tetrachloroethane	8.940	131	5499	0.621	ppbv	#	1
57) Chlorobenzene	8.930	112	3440	0.228	ppbv	#	85
58) Ethyl Benzene	9.539	91	2863	0.114	ppbv		99
59) m/p-Xylene	9.545	91	1796	0.086	ppbv	#	33
60) o-Xylene	9.976	91	6164	0.293	ppbv		97
61) Styrene	9.885	104	2276	0.290	ppbv		92
62) Isopropylbenzene	10.552	105	9869	0.325	ppbv		100
63) 1,1,2,2-Tetrachloroethane	9.976	83	7187	0.496	ppbv		94
64) n-propylbenzene	11.002	120	1335	0.180	ppbv	#	1
65) tert-Butylbenzene	11.539	119	7043	0.260	ppbv		92
66) Benzyl Chloride	11.627	91	1191	0.381	ppbv	#	91
67) sec-Butylbenzene	11.775	105	12043	0.313	ppbv		98
69) p-Isopropyltoluene	11.937	119	9149	0.282	ppbv		98
70) n-Butylbenzene	12.290	91	8909	0.266	ppbv		90
71) 2-Chlorotoluene	10.911	91	6834	0.287	ppbv		99
72) 4-Ethyltoluene	11.135	105	6847	0.276	ppbv	#	90
73) 1,3,5-Trimethylbenzene	11.216	105	6116	0.280	ppbv		98
74) 1,2,4-Trimethylbenzene	11.549	105	7792	0.295	ppbv	#	86
75) 1,3-Dichlorobenzene	11.617	146	5925	0.403	ppbv		94
76) 1,4-Dichlorobenzene	11.685	146	5815	0.418	ppbv		91
77) 1,2-Dichlorobenzene	11.957	146	7046	0.490	ppbv		93
78) Hexachloro-1,3-Butadiene	13.892	225	7019	0.489	ppbv		98
80) Naphthalene,2-methyl-	14.459	142	1201	0.073	ppbv	#	86
81) 1,2,4-Trichlorobenzene	13.449	180	2702	0.228	ppbv		96

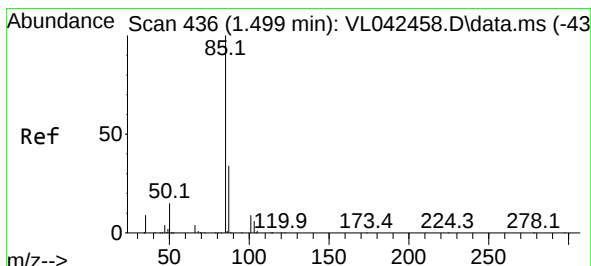
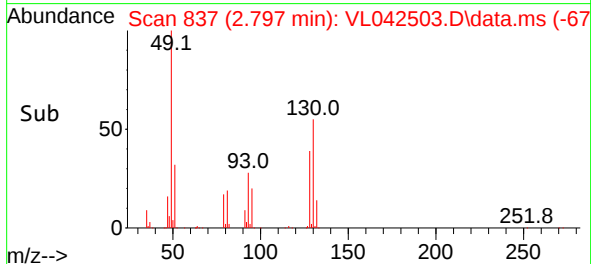
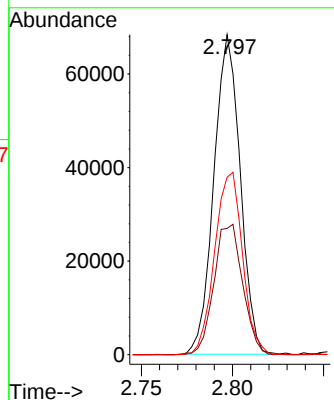
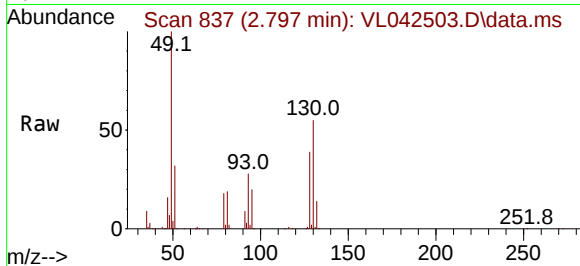
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

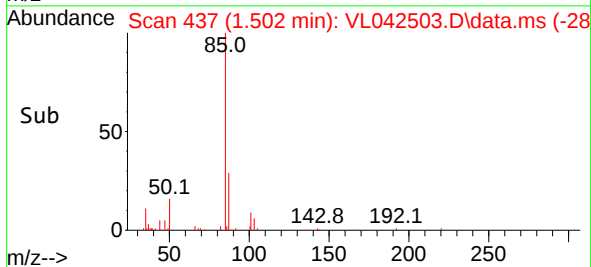
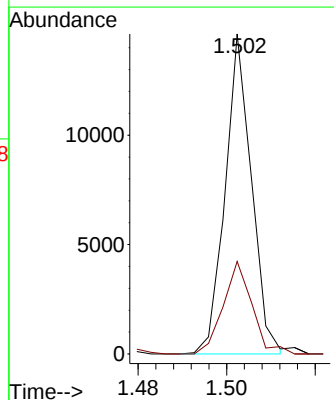
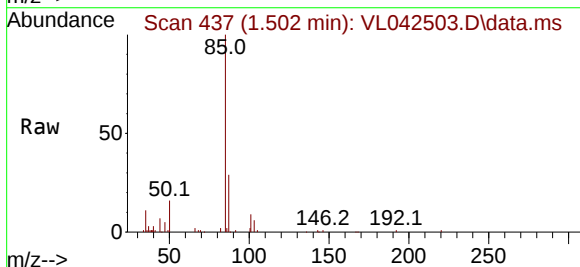
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

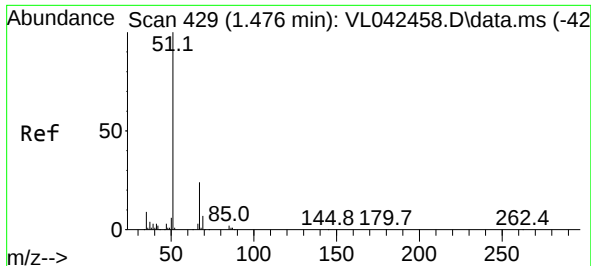
Tgt Ion: 49 Resp: 68668
 Ion Ratio Lower Upper
 49 100
 128 44.6 23.3 69.9
 130 60.4 29.5 88.6



#2
 Dichlorodifluoromethane
 Concen: 0.531 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.004 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion: 85 Resp: 6034
 Ion Ratio Lower Upper
 85 100
 87 28.9 26.9 40.3

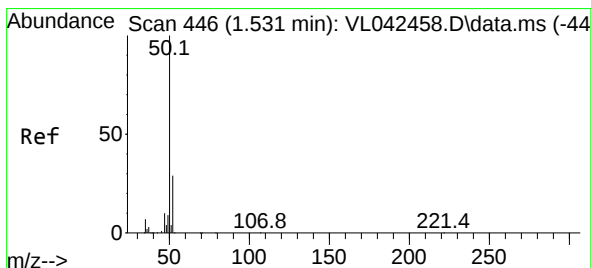
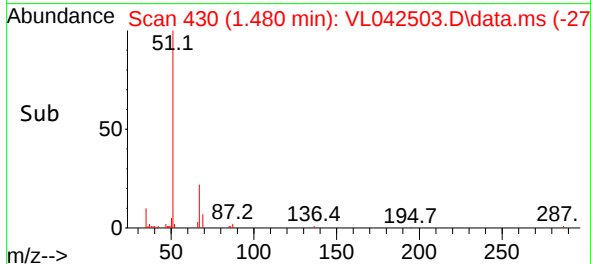
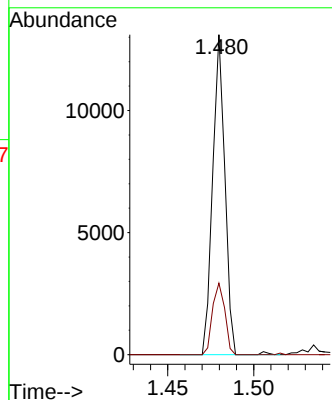
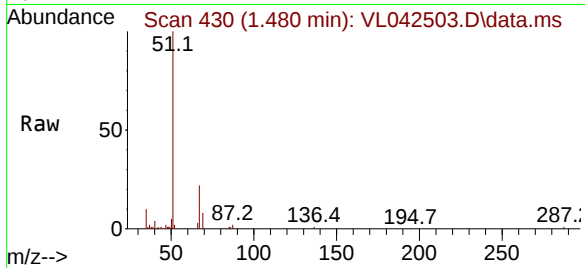




#3
Chlorodifluoromethane
Concen: 0.536 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

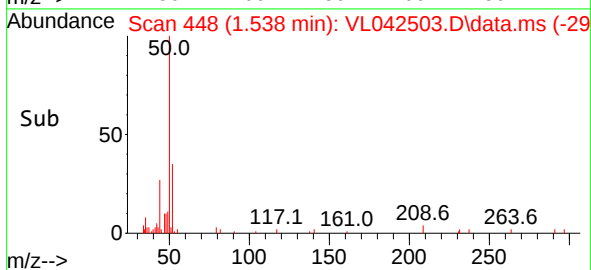
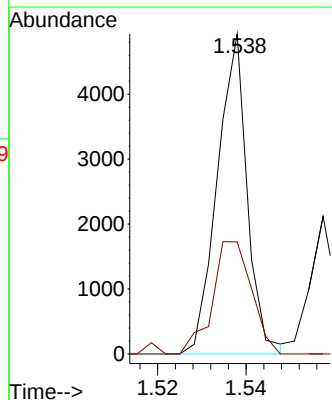
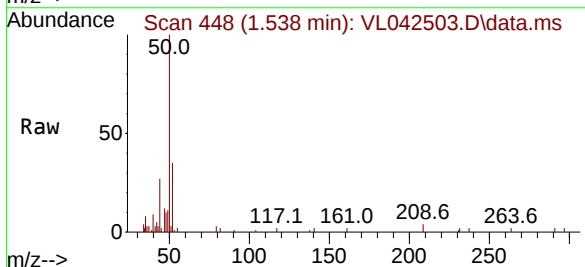
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

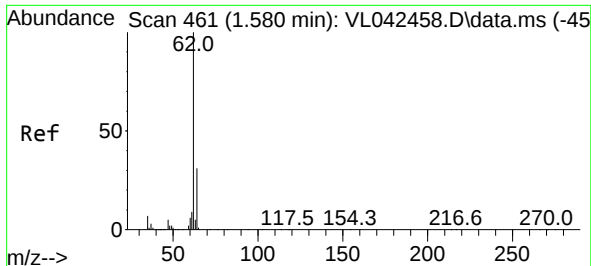
Tgt Ion: 51 Resp: 6441
Ion Ratio Lower Upper
51 100
67 22.6 18.4 27.6



#4
Chloromethane
Concen: 0.486 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 50 Resp: 2310
Ion Ratio Lower Upper
50 100
52 35.0 23.5 35.3

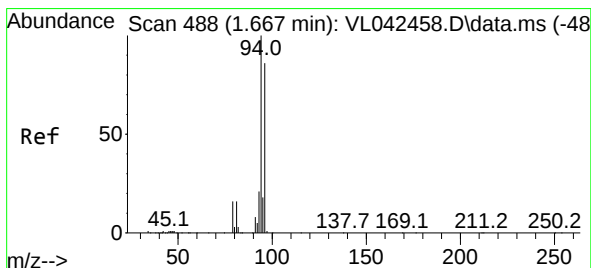
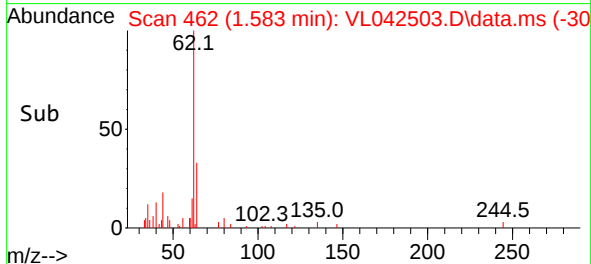
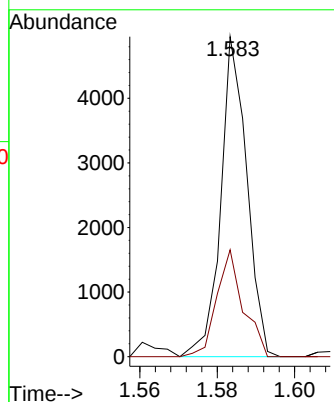
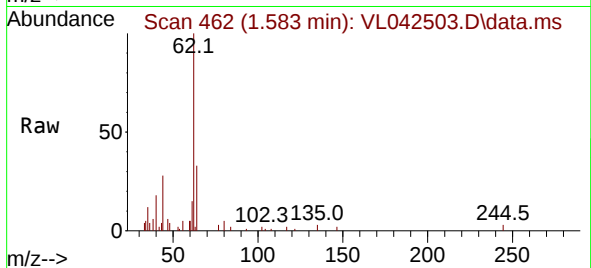




#5
Vinyl Chloride
Concen: 0.484 ppbv
RT: 1.583 min Scan# 40
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

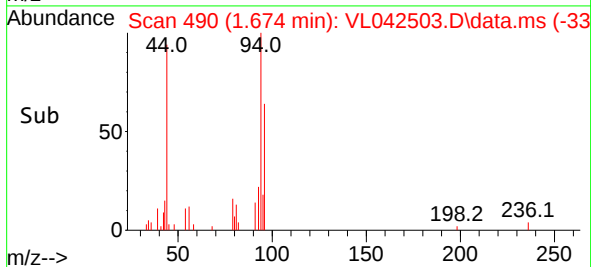
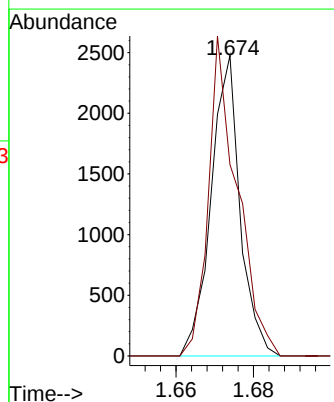
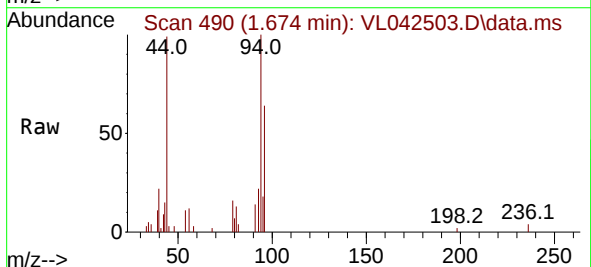
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 62 Resp: 2316
Ion Ratio Lower Upper
62 100
64 33.4 24.9 37.3



#6
Bromomethane
Concen: 0.569 ppbv
RT: 1.674 min Scan# 490
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 94 Resp: 1285
Ion Ratio Lower Upper
94 100
96 63.7 68.8 103.2#

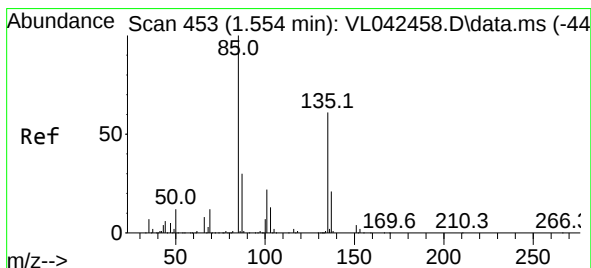
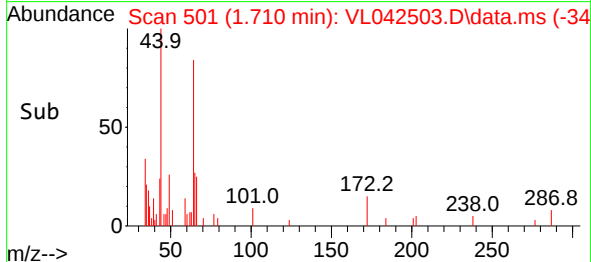
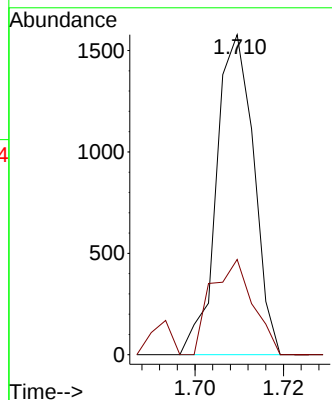
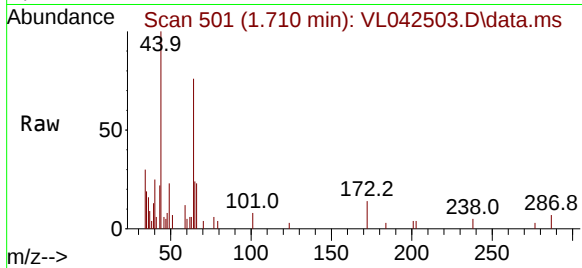




#7
Chloroethane
Concen: 0.521 ppbv
RT: 1.710 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

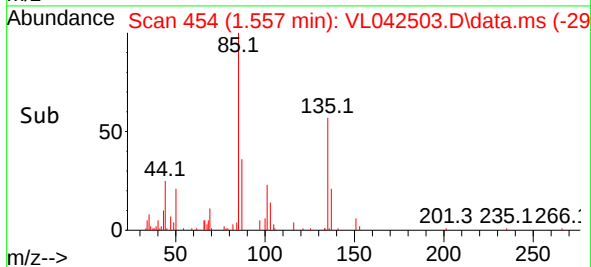
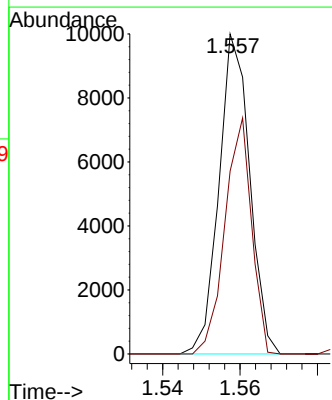
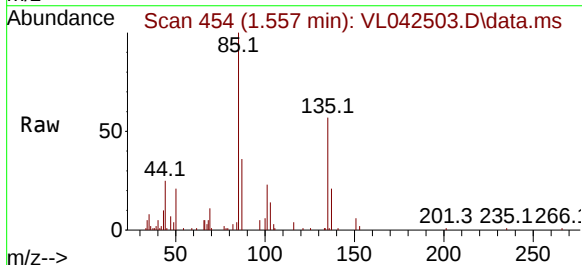
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

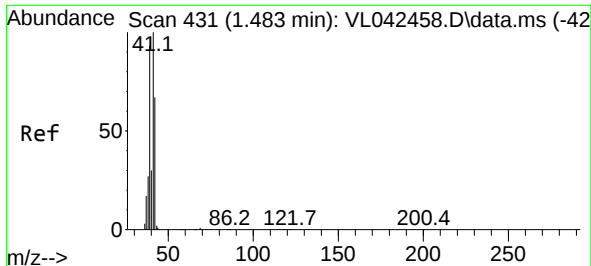
Tgt Ion: 64 Resp: 920
Ion Ratio Lower Upper
64 100
66 29.8 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 0.589 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 85 Resp: 5514
Ion Ratio Lower Upper
85 100
135 64.5 49.8 74.8





#9

Propene

Concen: 0.362 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

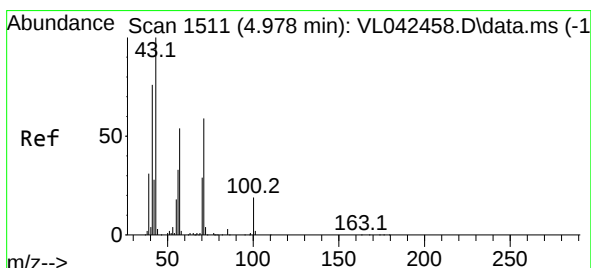
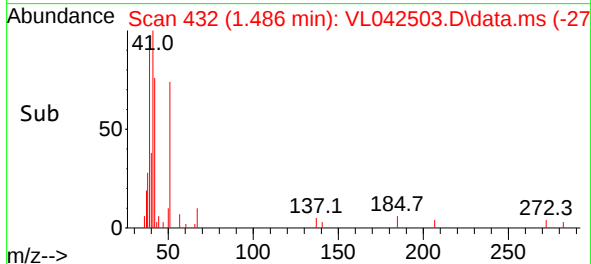
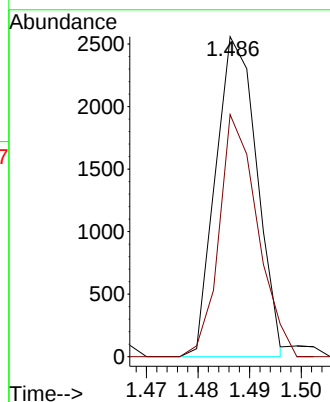
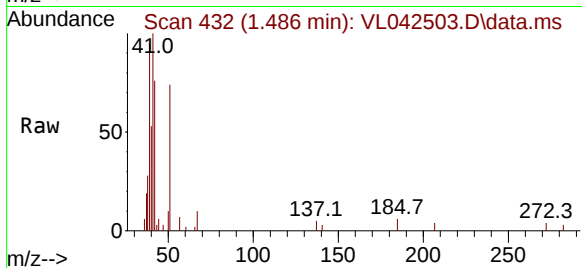
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Tgt Ion: 41 Resp: 1424

Ion Ratio Lower Upper

41 100

42 77.4 54.3 81.5



#10

Heptane

Concen: 0.100 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. 0.020 min

Lab File: VL042503.D

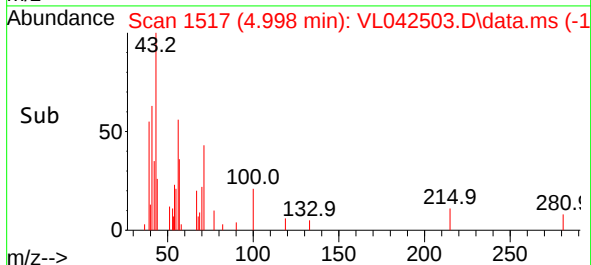
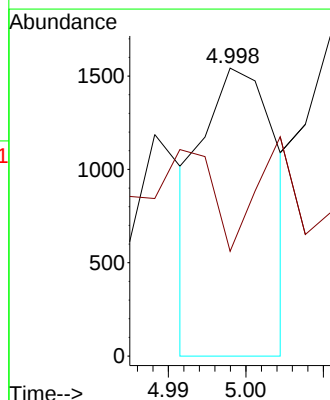
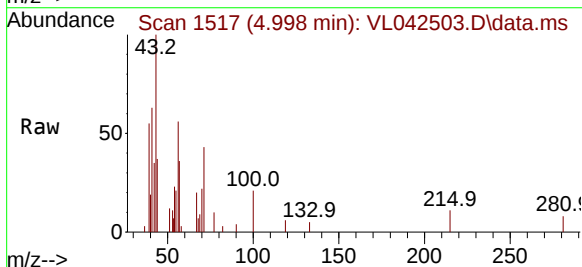
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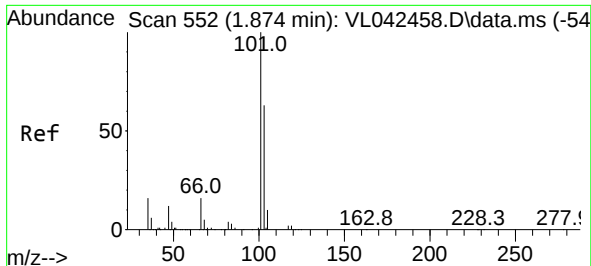
Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

57 189.0 41.8 62.8#

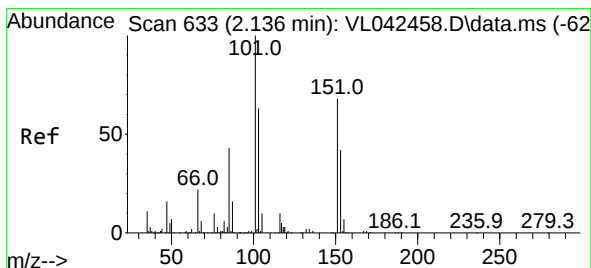
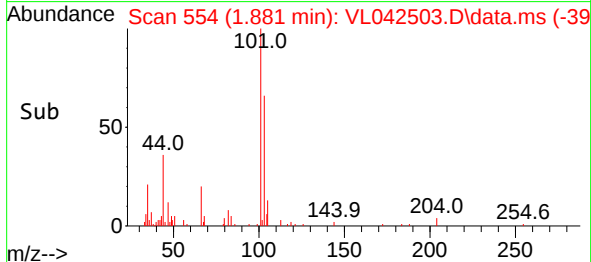
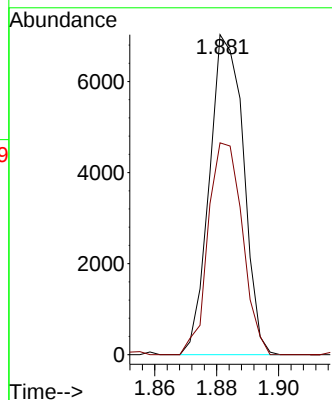
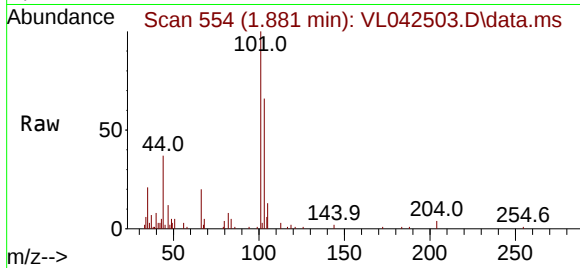




#11
 Trichlorofluoromethane
 Concen: 0.512 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

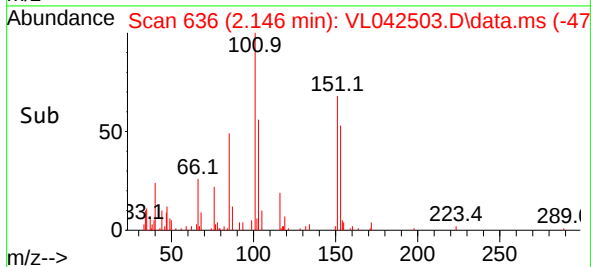
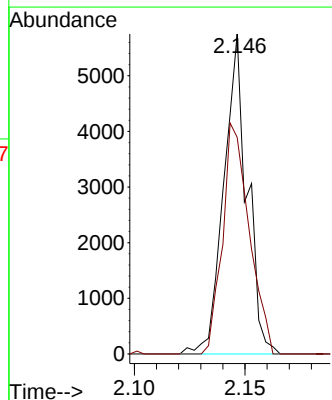
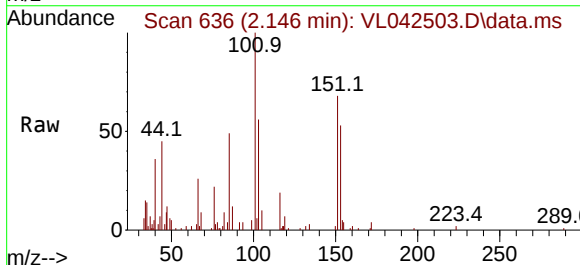
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 MSVOA_L
 ClientSampleId :
 MDL3 0.40

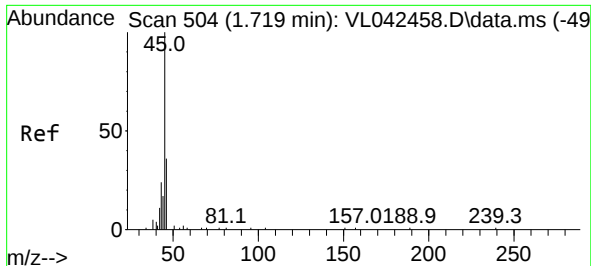
Tgt Ion:101 Resp: 5367
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.505 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion:101 Resp: 4225
 Ion Ratio Lower Upper
 101 100
 151 82.4 54.6 82.0#

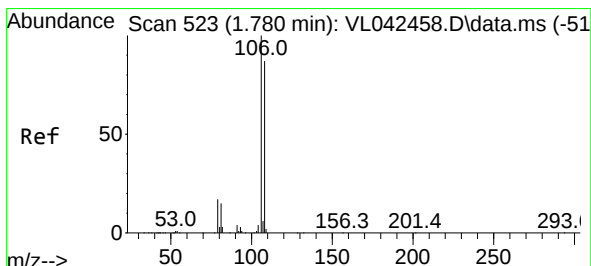
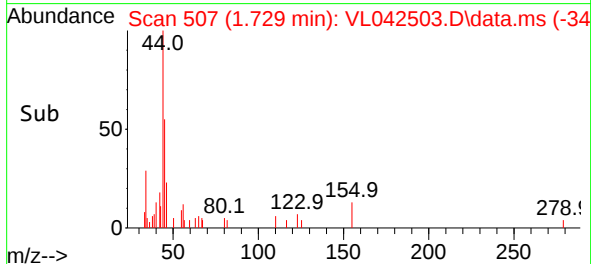
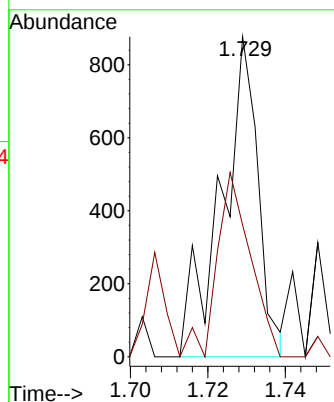
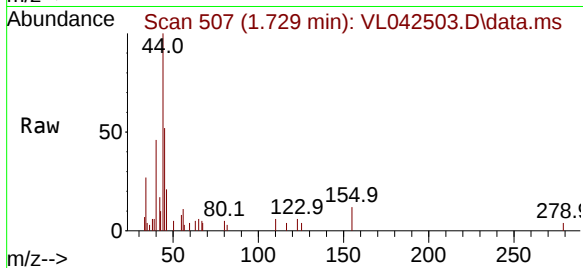




#13
Ethanol
Concen: 0.724 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

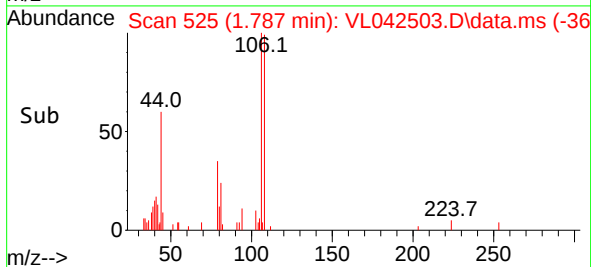
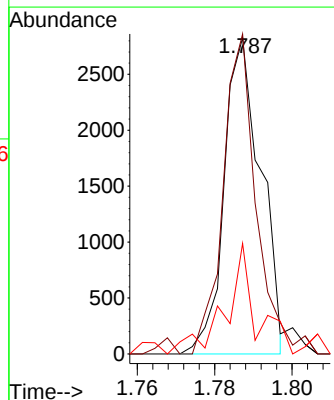
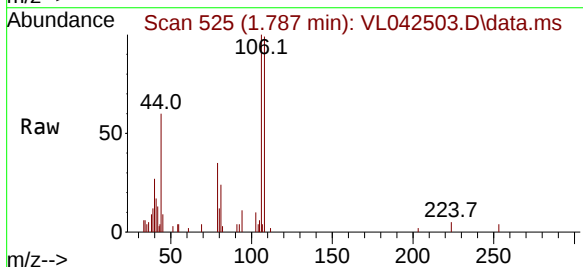
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

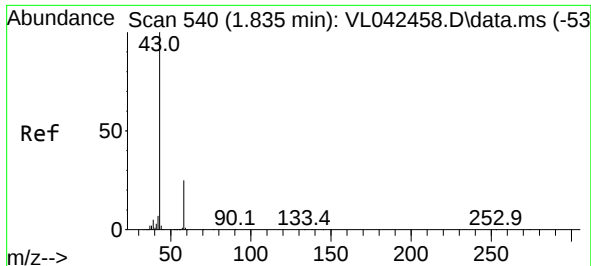
Tgt Ion: 45 Resp: 577
Ion Ratio Lower Upper
45 100
46 71.2 15.3 61.1#



#14
Bromoethene
Concen: 0.601 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 108 Resp: 1858
Ion Ratio Lower Upper
108 100
106 93.9 88.8 133.2
79 36.3 17.1 25.7#





#15

Acetone

Concen: 0.677 ppbv

RT: 1.842 min Scan# 54

Delta R.T. 0.007 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

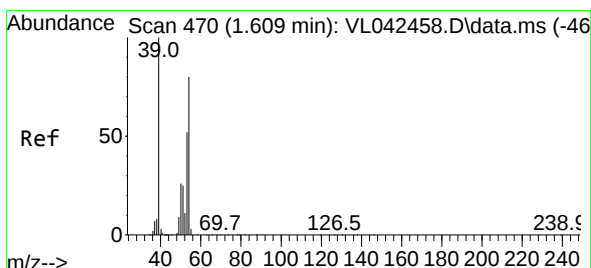
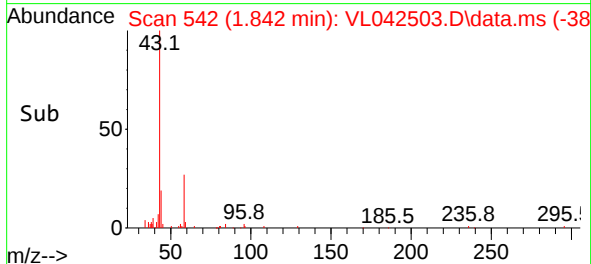
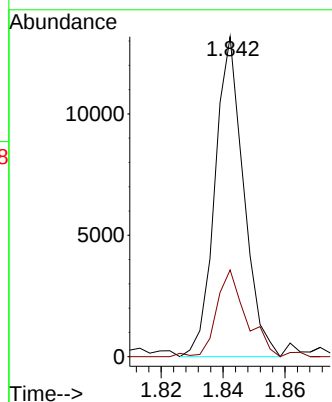
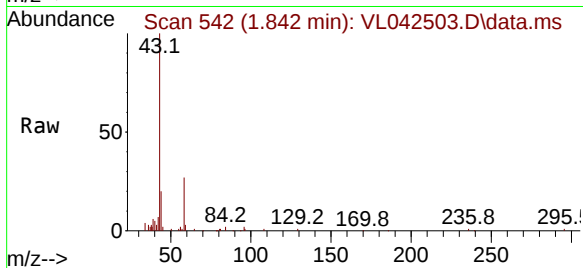
MDL3 0.40

Tgt Ion: 43 Resp: 8492

Ion Ratio Lower Upper

43 100

58 28.6 19.8 29.8



#16

1,3-Butadiene

Concen: 0.542 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.004 min

Lab File: VL042503.D

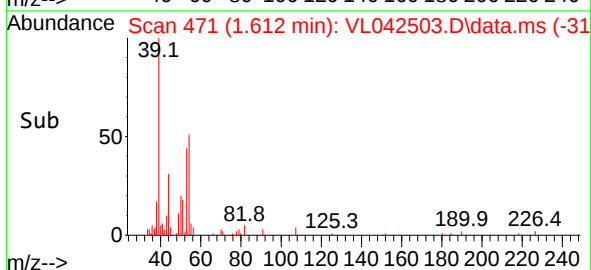
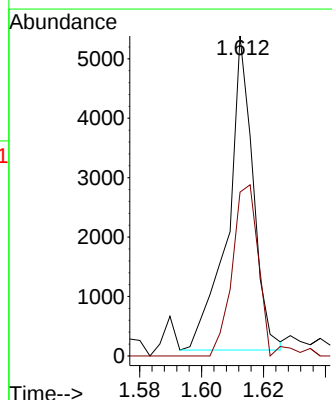
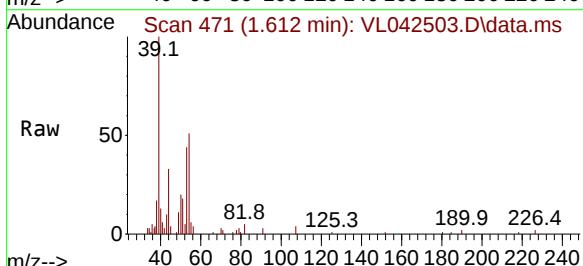
Acq: 06 May 2025 18:39

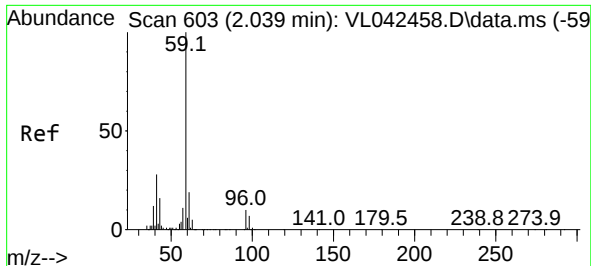
Tgt Ion: 39 Resp: 2995

Ion Ratio Lower Upper

39 100

54 58.5 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.462 ppbv

RT: 2.053 min Scan# 607

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

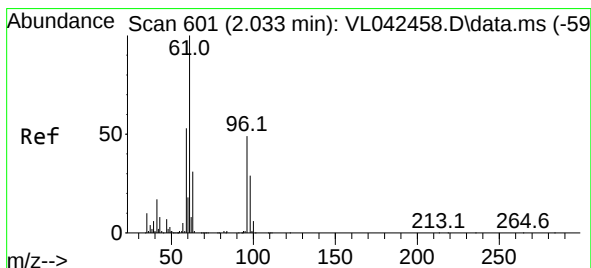
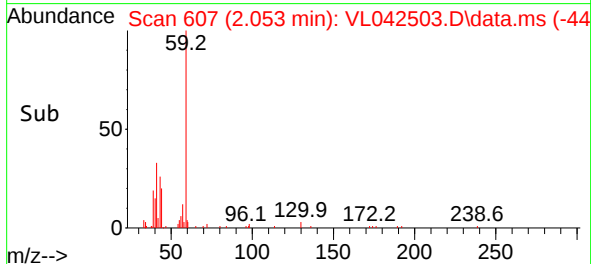
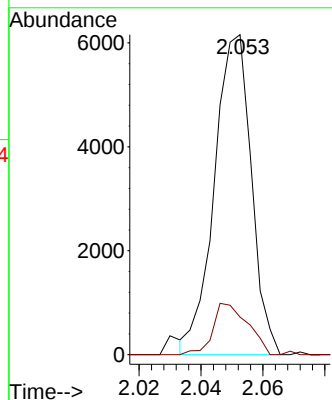
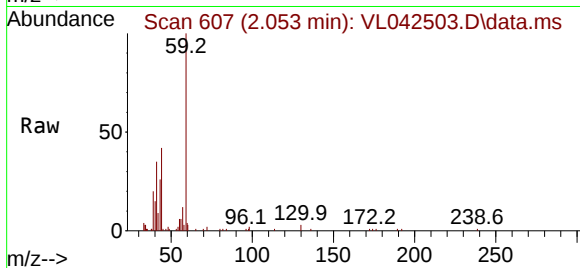
MDL3 0.40

Tgt Ion: 59 Resp: 5104

Ion Ratio Lower Upper

59 100

57 15.4 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.592 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.318 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

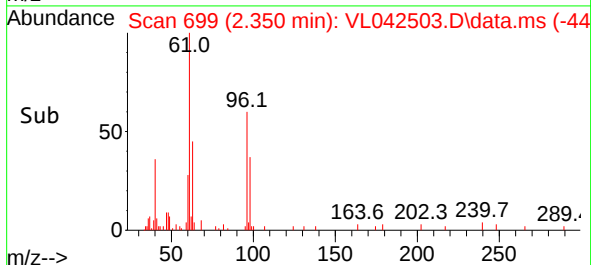
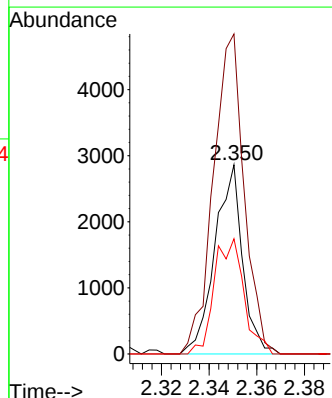
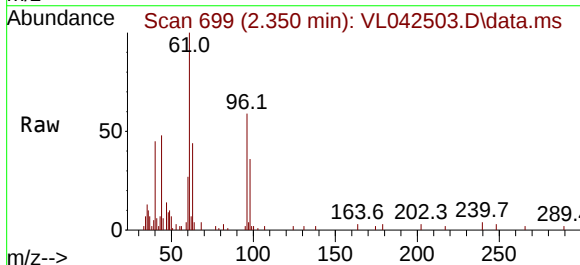
Tgt Ion: 96 Resp: 2315

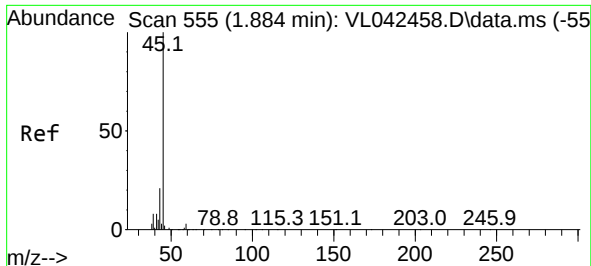
Ion Ratio Lower Upper

96 100

61 169.2 164.9 247.3

98 60.9 48.2 72.2

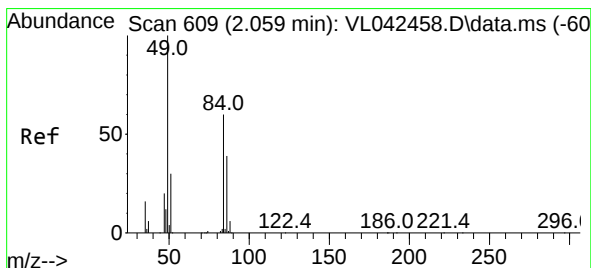
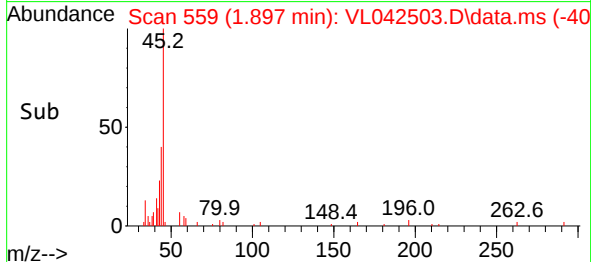
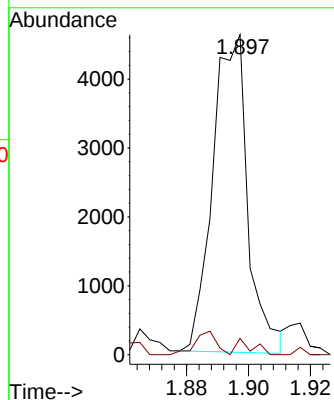
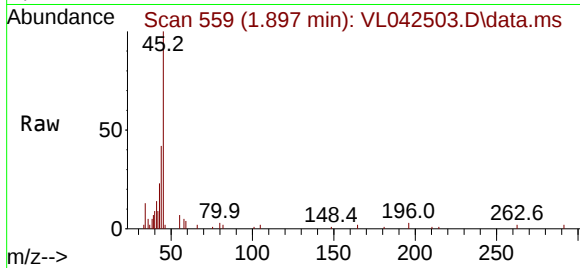




#19
Isopropyl Alcohol
Concen: 0.522 ppbv
RT: 1.897 min Scan# 511
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

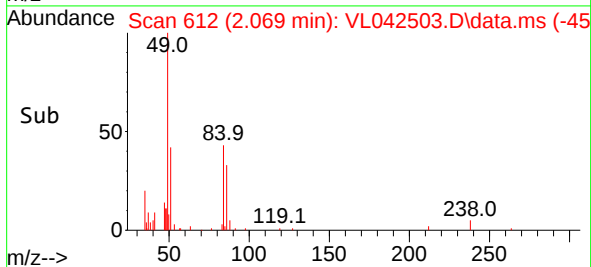
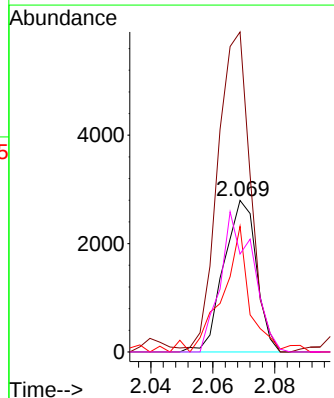
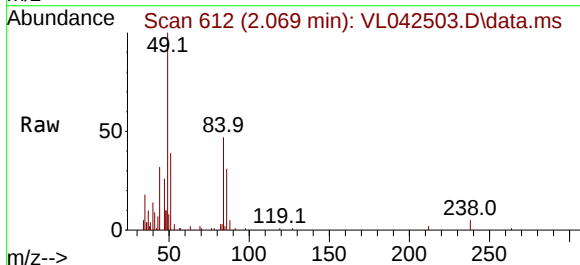
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

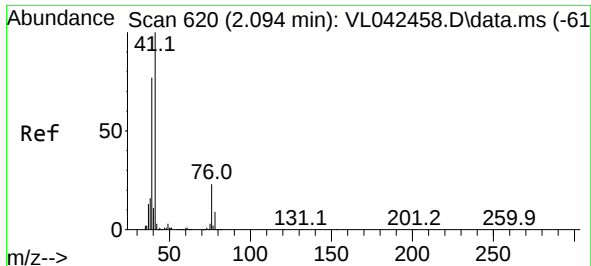
Tgt Ion: 45 Resp: 3619
Ion Ratio Lower Upper
45 100
58 7.4 1.6 2.4#



#20
Methylene Chloride
Concen: 0.543 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 84 Resp: 2045
Ion Ratio Lower Upper
84 100
49 227.4 133.9 200.9#
51 81.0 41.0 61.6#
86 64.6 51.9 77.9

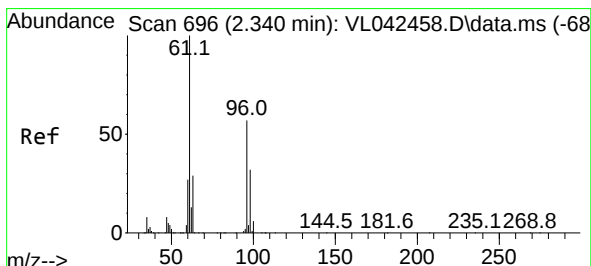
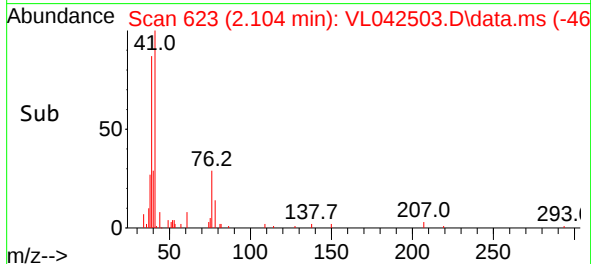
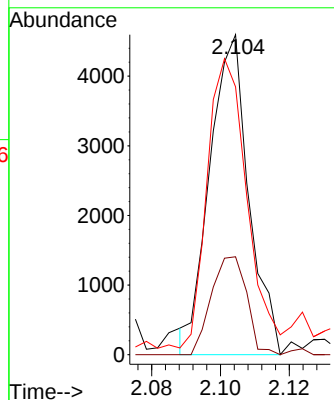
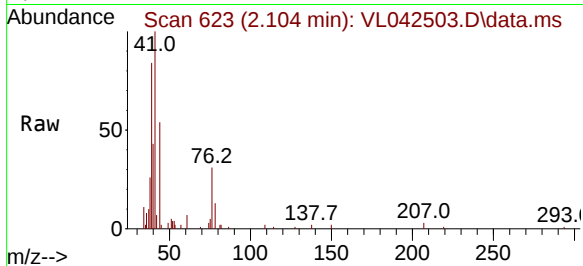




#21
 Allyl Chloride
 Concen: 0.448 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

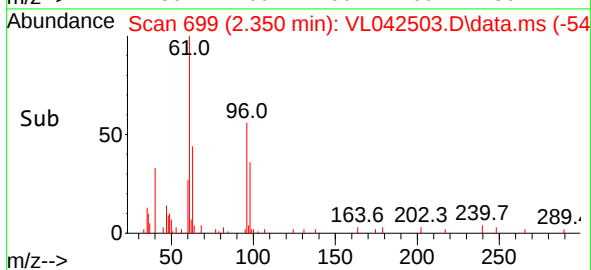
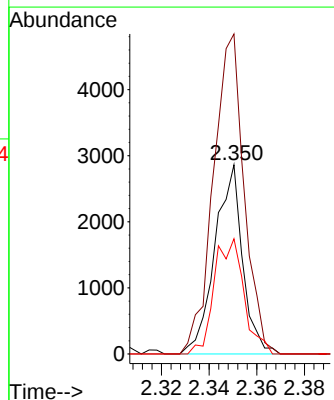
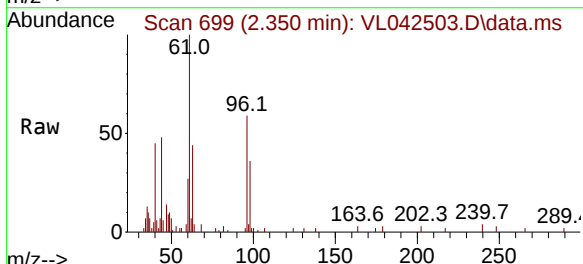
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

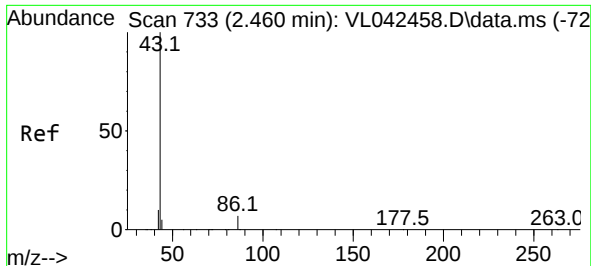
Tgt Ion: 41 Resp: 3615
 Ion Ratio Lower Upper
 41 100
 76 29.5 19.6 29.4#
 39 119.4 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.507 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion: 96 Resp: 2315
 Ion Ratio Lower Upper
 96 100
 61 169.2 141.8 212.6
 98 60.9 45.0 67.6

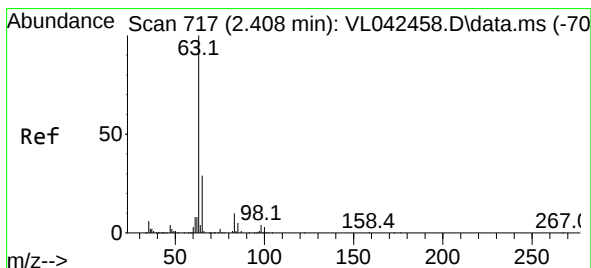
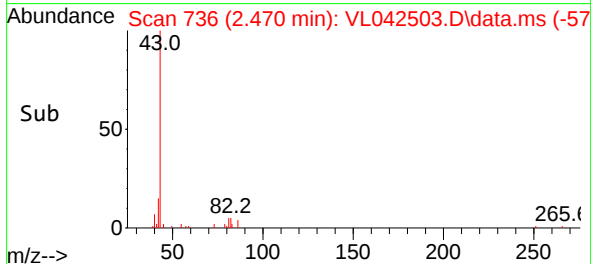
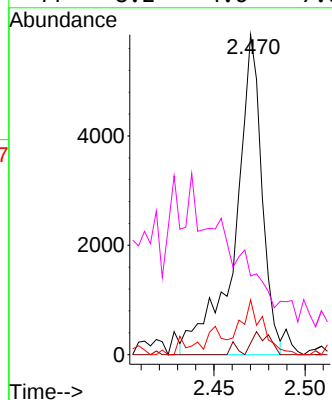
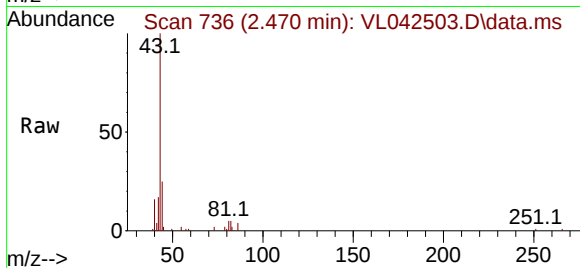




#23
 Vinyl Acetate
 Concen: 0.499 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

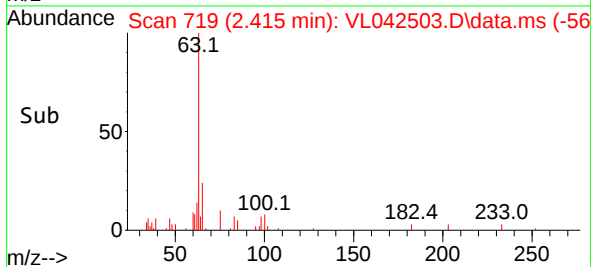
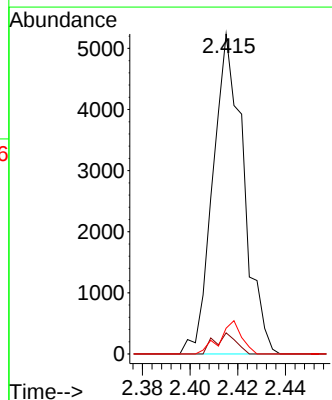
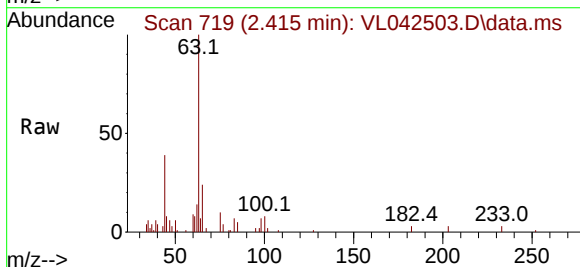
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

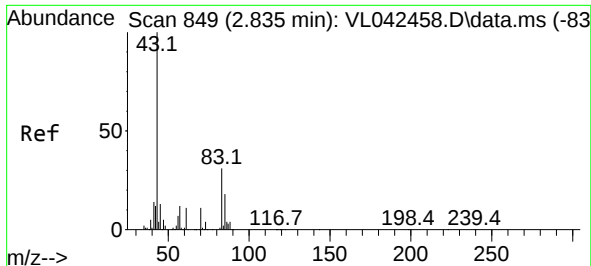
Tgt Ion: 43	Resp: 5973
Ion Ratio	Lower Upper
43 100	
86 3.7	5.5 8.3#
42 16.0	8.3 12.5#
44 8.2	4.6 7.0#



#24
 1,1-Dichloroethane
 Concen: 0.502 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion: 63	Resp: 4675
Ion Ratio	Lower Upper
63 100	
98 6.6	1.8 5.5#
100 8.0	1.4 4.2#

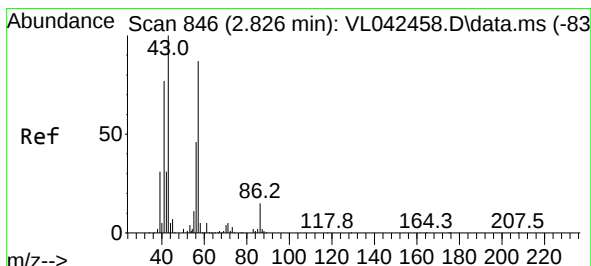
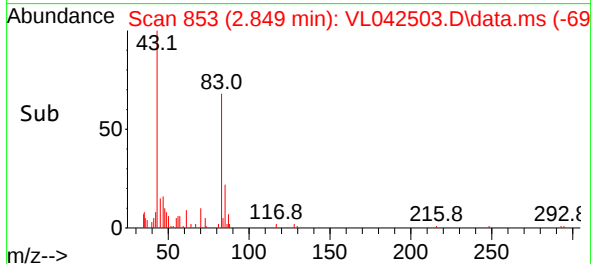
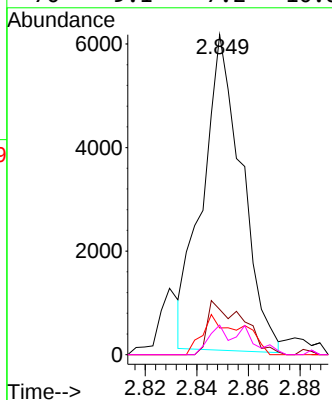
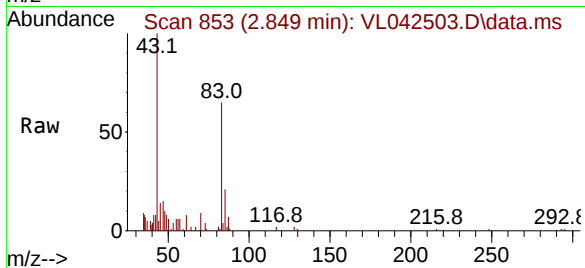




#25
Ethyl Acetate
Concen: 0.320 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

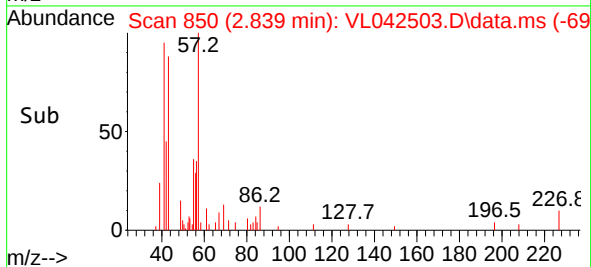
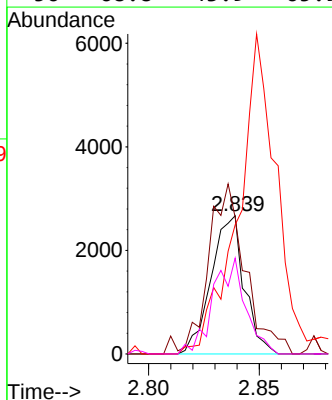
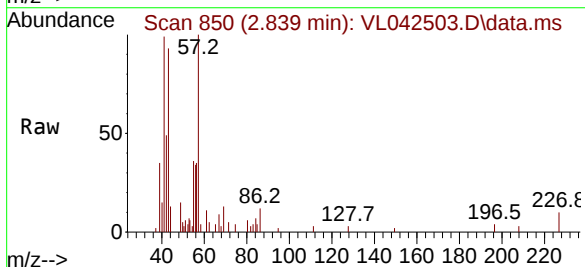
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

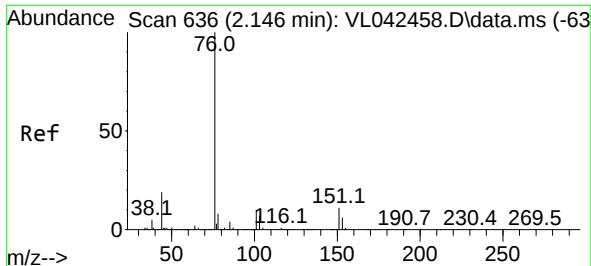
Tgt Ion: 43	Resp: 6430
Ion Ratio	Lower Upper
43 100	
45 16.5	7.8 11.6#
61 12.6	7.2 10.8#
70 9.1	7.2 10.8



#26
Hexane
Concen: 0.318 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 57	Resp: 2781
Ion Ratio	Lower Upper
57 100	
41 141.5	77.8 116.8#
43 275.5	187.0 280.6
56 68.8	43.9 65.9#

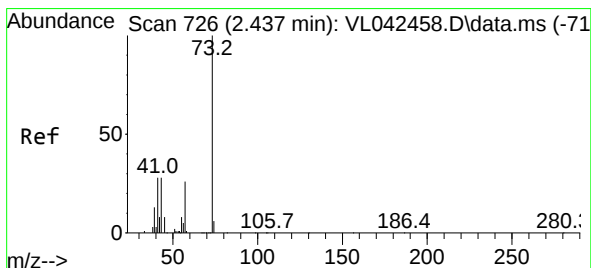
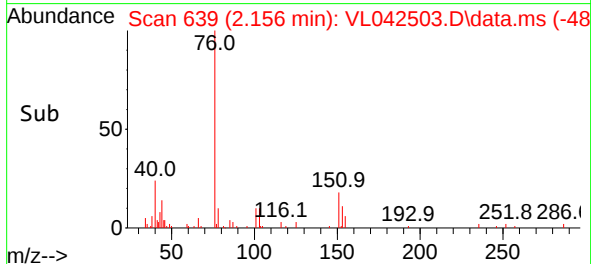
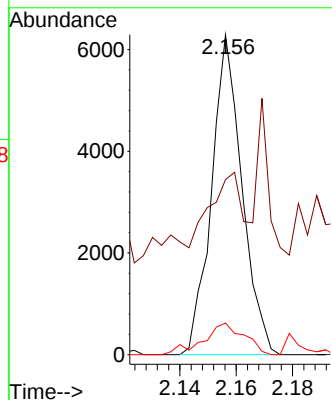
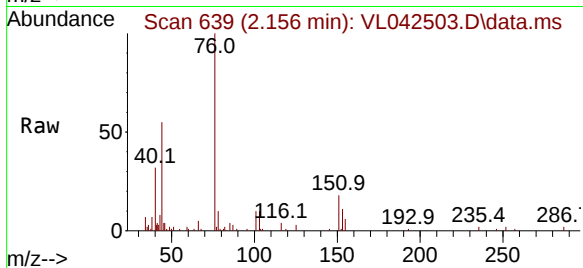




#27
Carbon Disulfide
Concen: 0.463 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

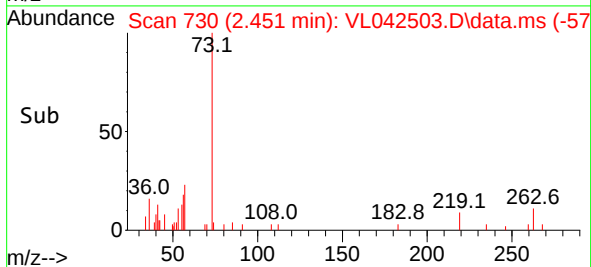
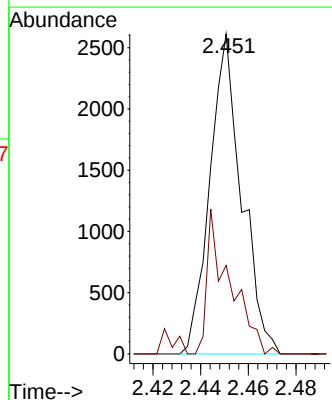
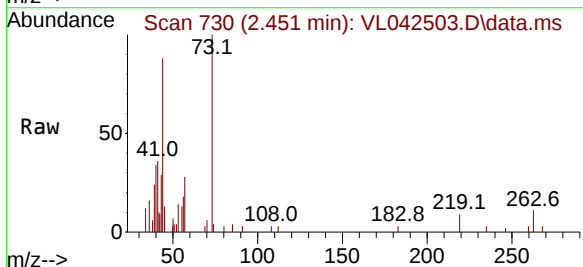
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

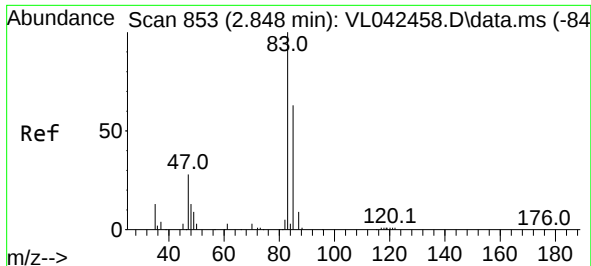
Tgt Ion: 76 Resp: 4721
Ion Ratio Lower Upper
76 100
44 180.2 21.0 31.6#
78 17.2 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.461 ppbv
RT: 2.451 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 73 Resp: 2422
Ion Ratio Lower Upper
73 100
57 36.0 19.9 29.9#





#29

Chloroform

Concen: 0.557 ppbv

RT: 2.859 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

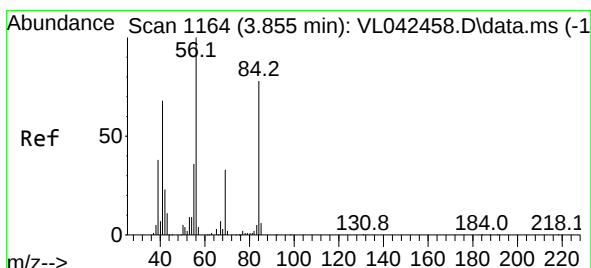
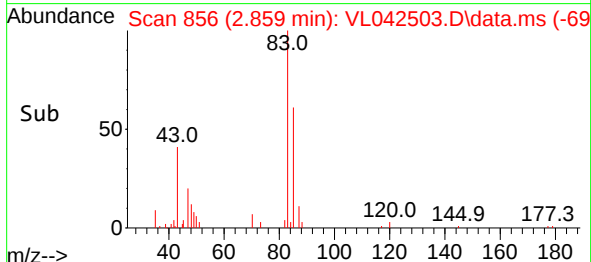
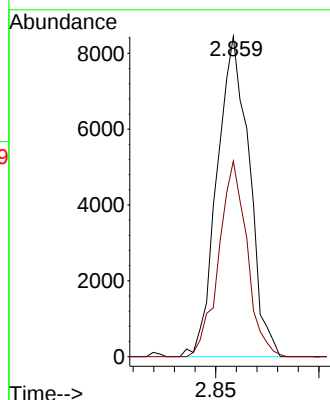
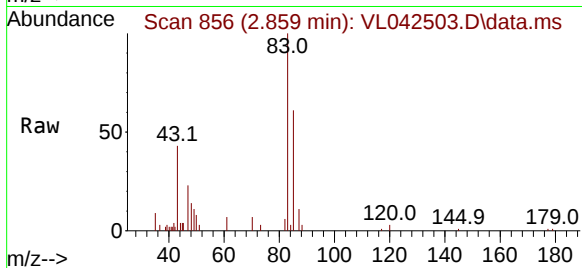
MDL3 0.40

Tgt Ion: 83 Resp: 9130

Ion Ratio Lower Upper

83 100

85 61.1 50.4 75.6



#30

Cyclohexane

Concen: 0.123 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.020 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

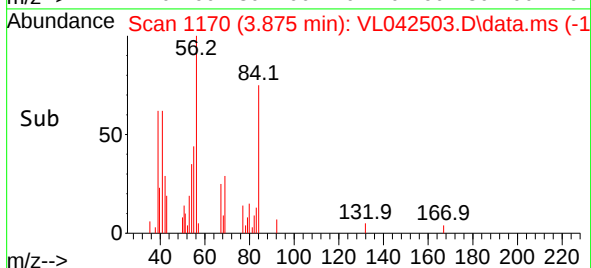
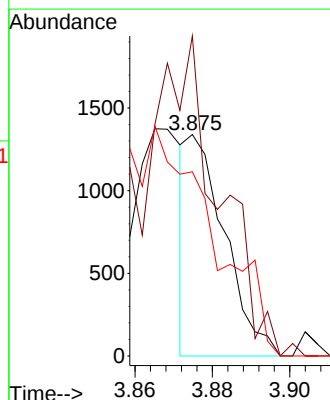
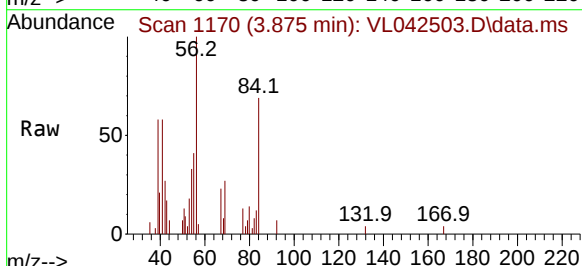
Tgt Ion: 84 Resp: 899

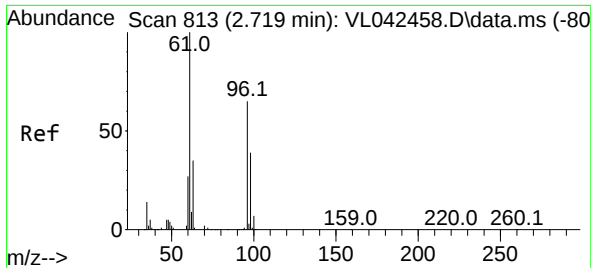
Ion Ratio Lower Upper

84 100

56 316.2 98.1 147.1#

41 0.0 65.8 98.8#

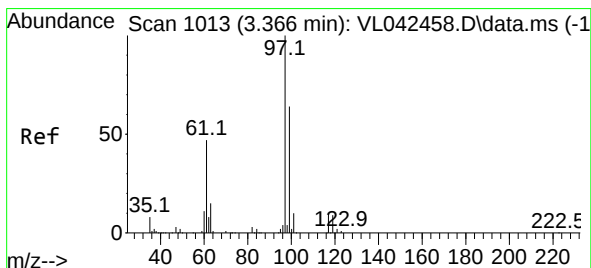
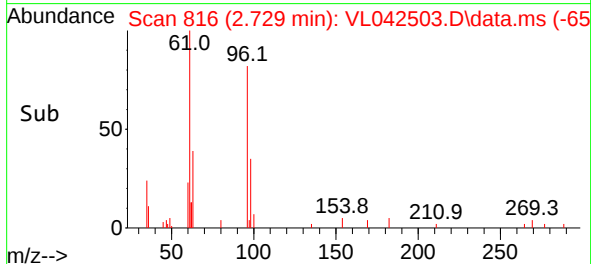
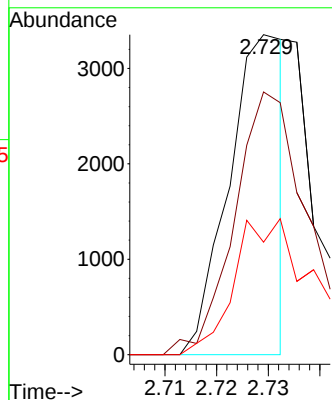
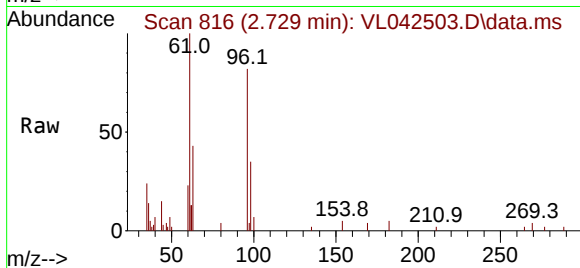




#31
 cis-1,2-Dichloroethene
 Concen: 0.246 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

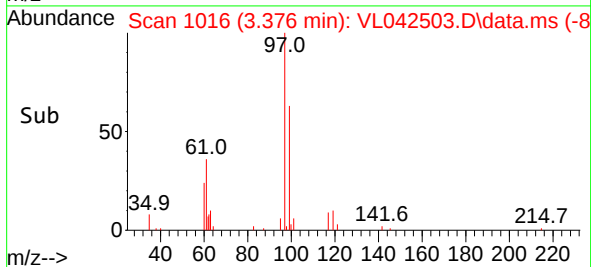
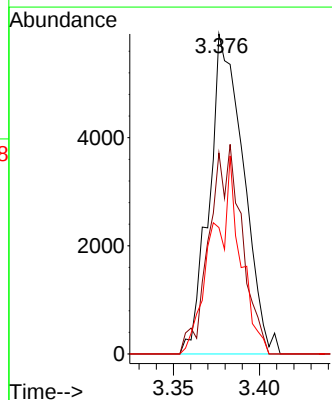
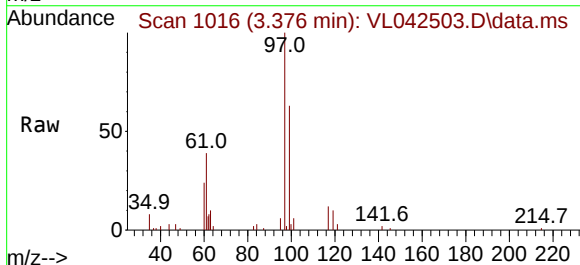
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

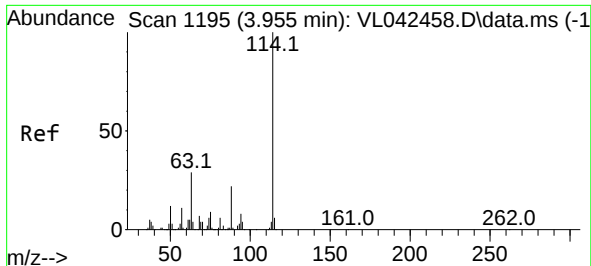
Tgt Ion:	61	Resp:	2513
Ion	Ratio	Lower	Upper
61	100		
96	68.4	52.0	78.0
98	31.1	31.0	46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.461 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion:	97	Resp:	8191
Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.7	76.1
61	50.3	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.017 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

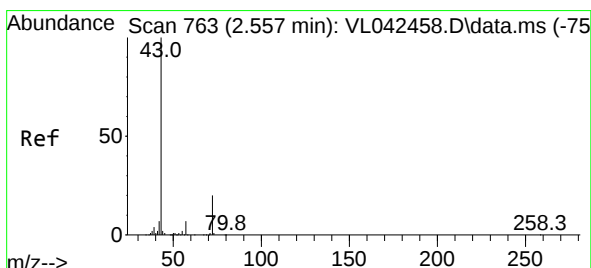
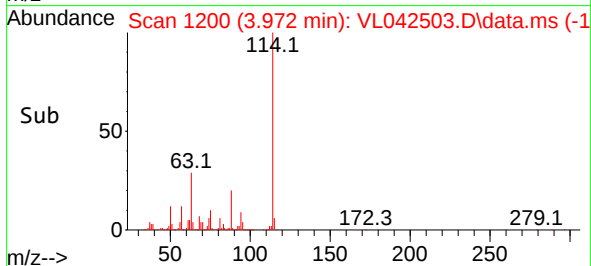
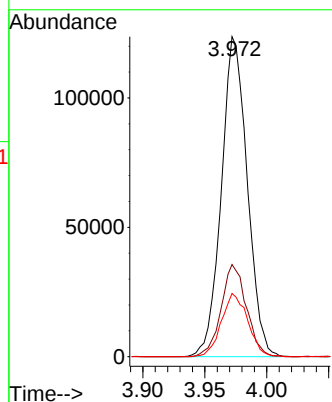
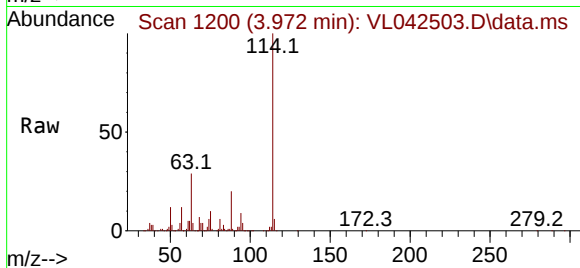
Tgt Ion:114 Resp: 180254

Ion Ratio Lower Upper

114 100

63 28.1 23.1 34.7

88 20.1 16.1 24.1



#34

2-Butanone

Concen: 0.429 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.013 min

Lab File: VL042503.D

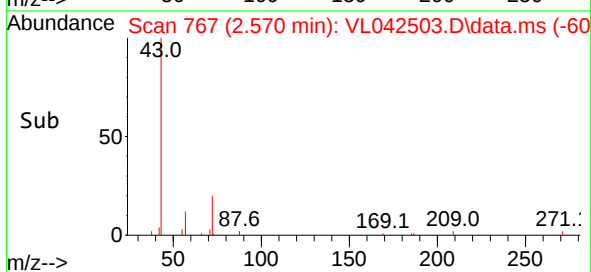
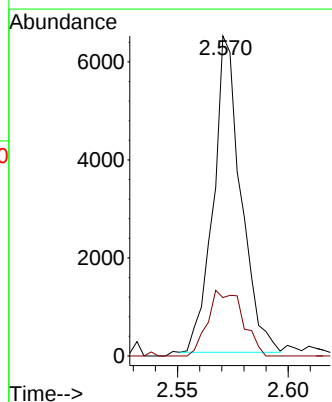
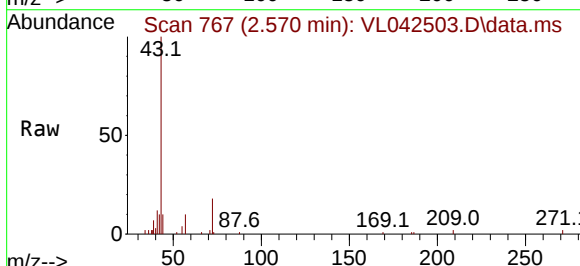
Acq: 06 May 2025 18:39

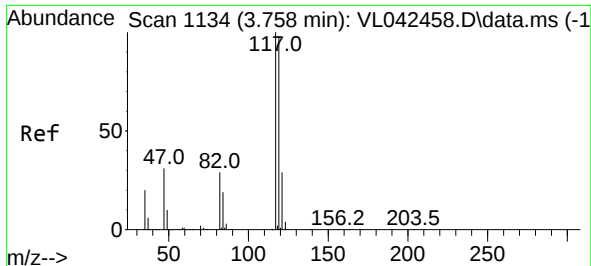
Tgt Ion: 43 Resp: 5597

Ion Ratio Lower Upper

43 100

72 26.1 16.7 25.1#

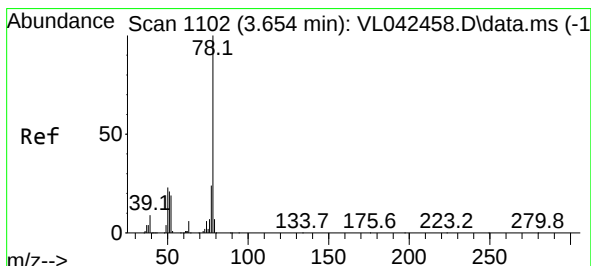
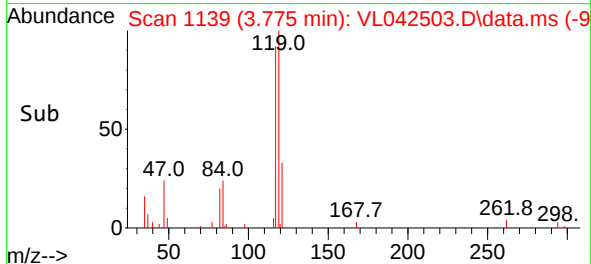
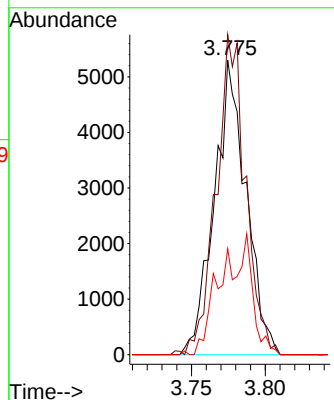
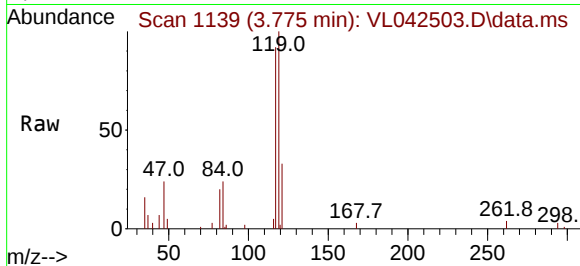




#35
Carbon Tetrachloride
Concen: 0.485 ppbv
RT: 3.775 min Scan# 1134
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

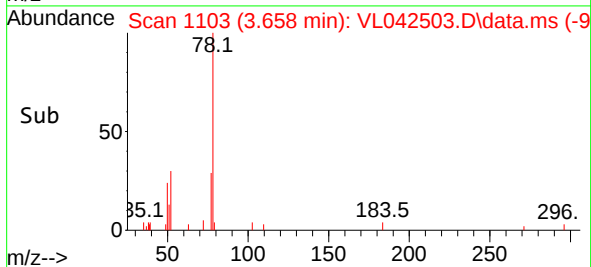
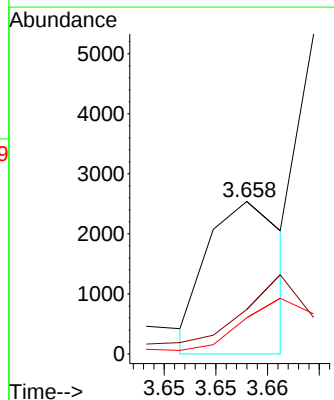
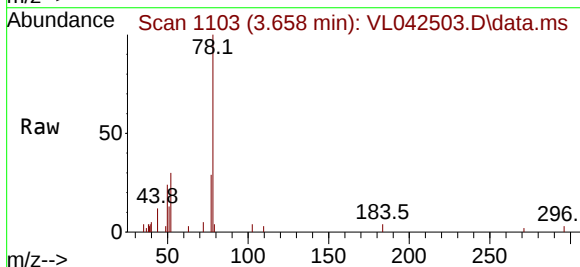
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

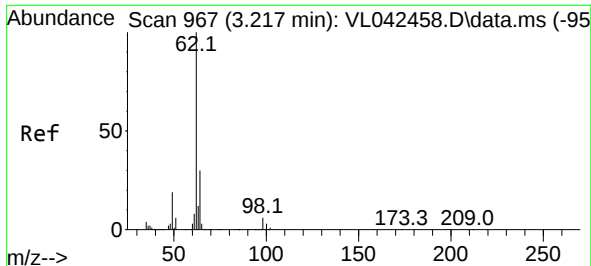
Tgt Ion:117 Resp: 7943
Ion Ratio Lower Upper
117 100
119 108.7 78.1 117.1
121 36.0 23.0 34.6#



#36
Benzene
Concen: 0.076 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.004 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 78 Resp: 1294
Ion Ratio Lower Upper
78 100
77 26.1 18.9 28.3
50 25.6 18.4 27.6

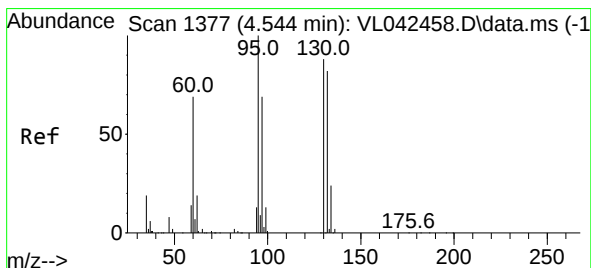
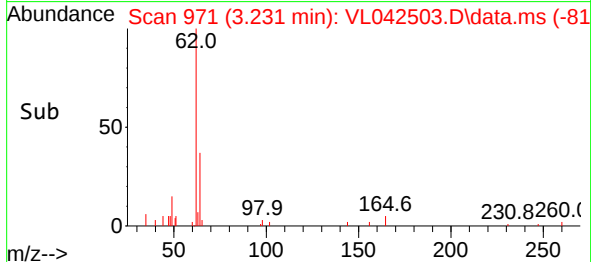
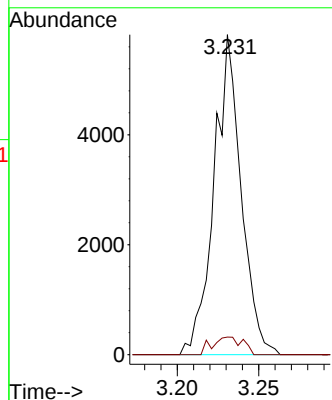
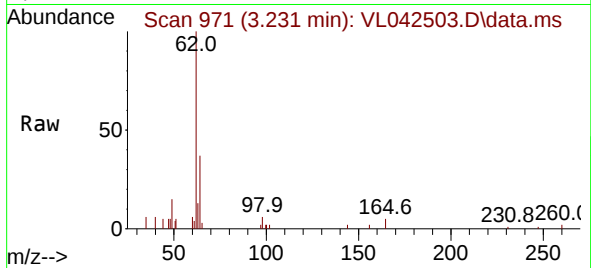




#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.231 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

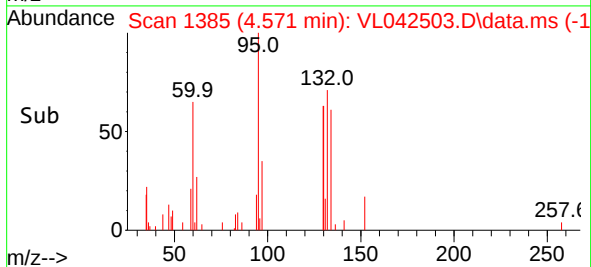
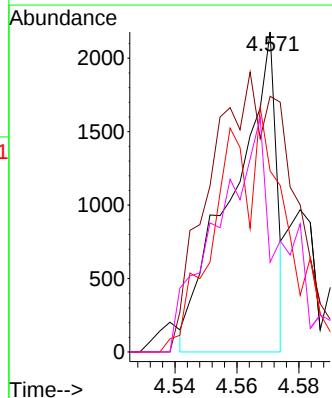
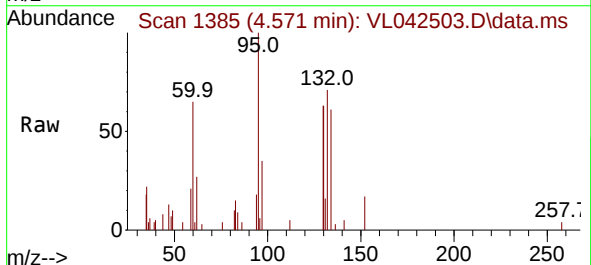
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

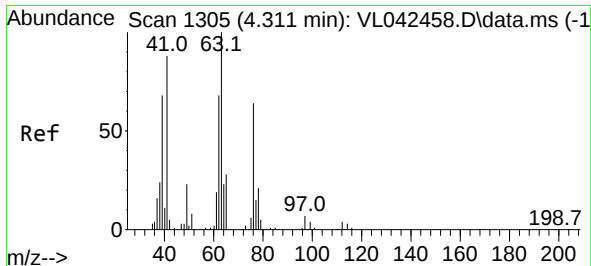
Tgt Ion: 62 Resp: 6744
Ion Ratio Lower Upper
62 100
98 6.2 4.3 6.5



#38
Trichloroethene
Concen: 0.329 ppbv
RT: 4.571 min Scan# 1385
Delta R.T. 0.026 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 130 Resp: 2136
Ion Ratio Lower Upper
130 100
95 72.4 91.0 136.4#
132 55.1 74.2 111.4#
97 8.7 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.464 ppbv

RT: 4.328 min Scan# 11

Delta R.T. 0.017 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

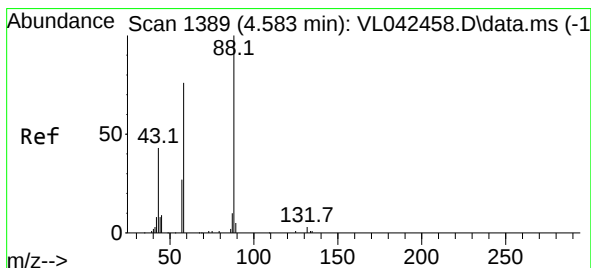
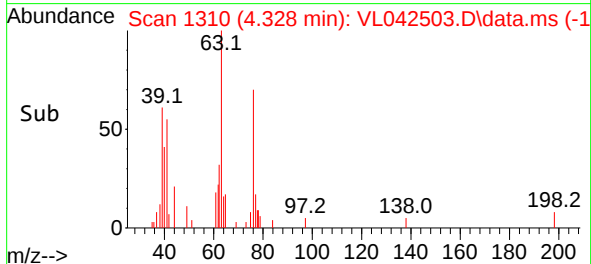
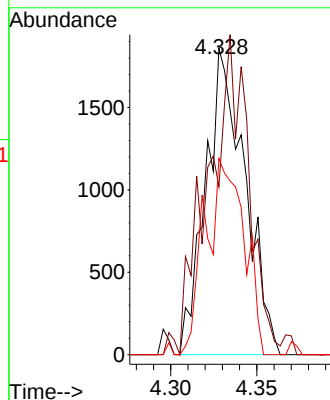
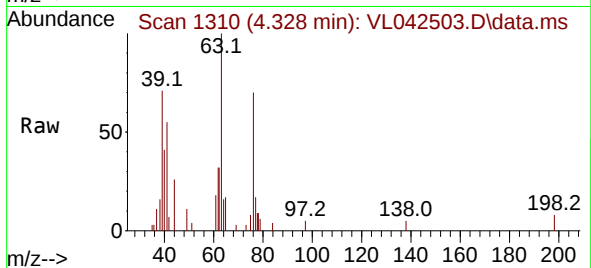
Tgt Ion: 63 Resp: 2953

Ion Ratio Lower Upper

63 100

41 61.4 69.8 104.6#

62 64.0 54.3 81.5



#40

1,4-Dioxane

Concen: 0.165 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.036 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Tgt Ion: 88 Resp: 492

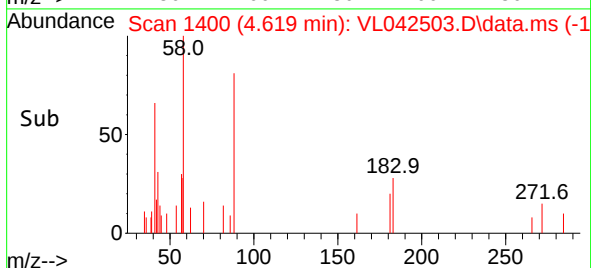
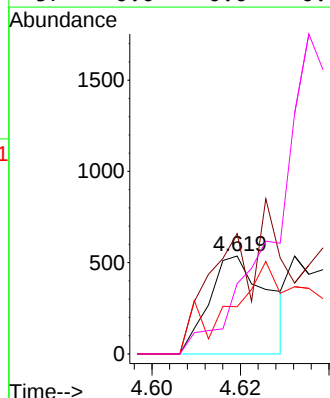
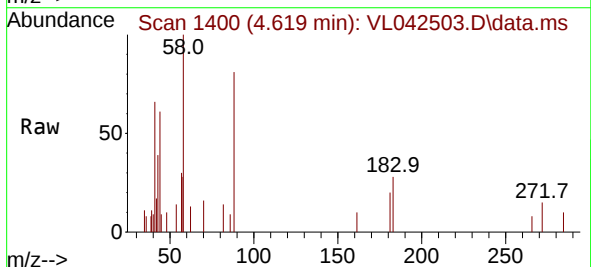
Ion Ratio Lower Upper

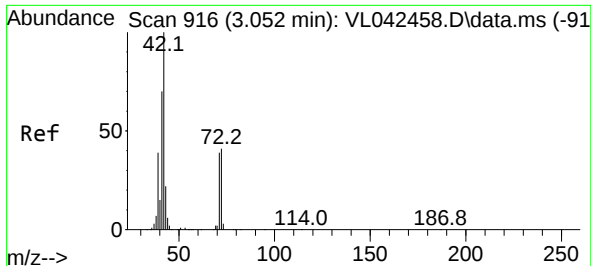
88 100

58 345.9 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

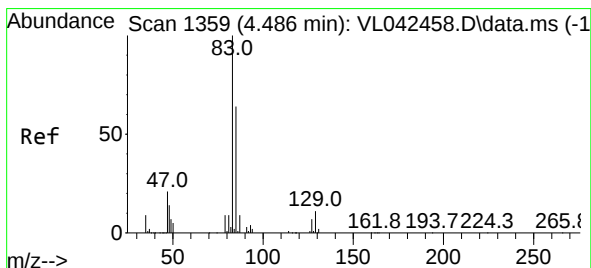
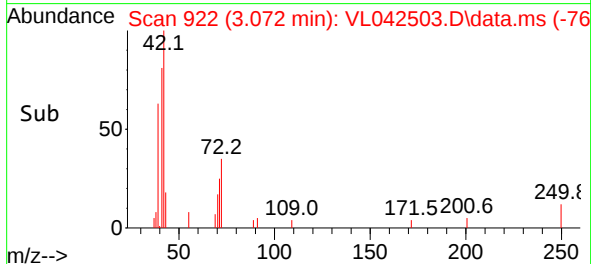
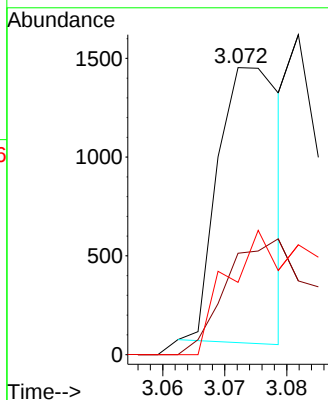
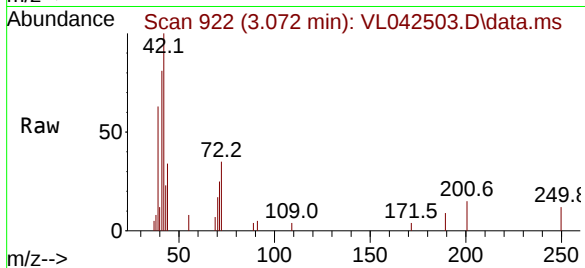




#41
Tetrahydrofuran
Concen: 0.158 ppbv
RT: 3.072 min Scan# 916
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

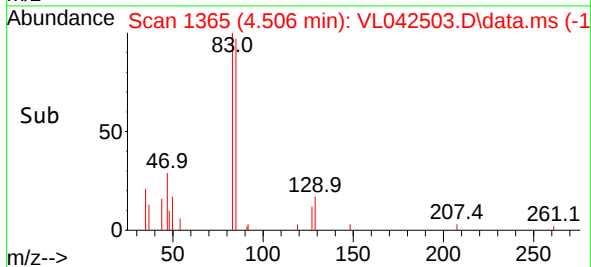
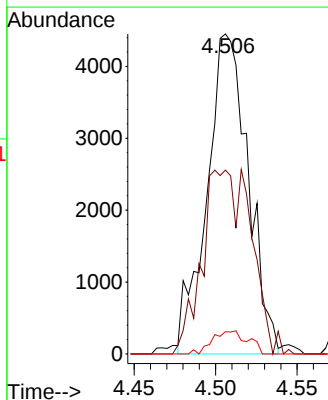
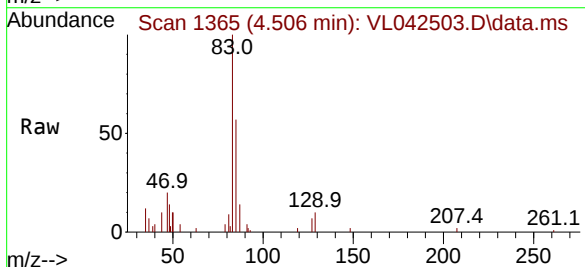
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

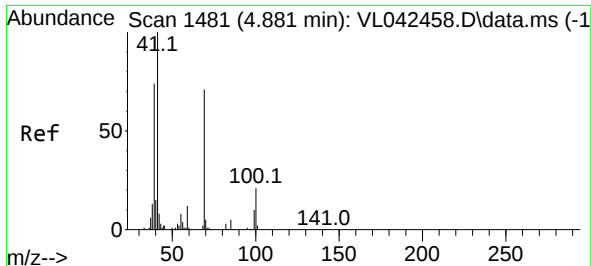
Tgt Ion: 42 Resp: 976
Ion Ratio Lower Upper
42 100
72 73.6 33.5 50.3#
71 70.1 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.491 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 83 Resp: 7872
Ion Ratio Lower Upper
83 100
85 55.7 51.5 77.3
127 7.1 5.4 8.2

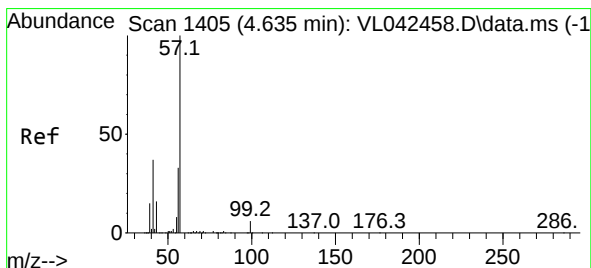
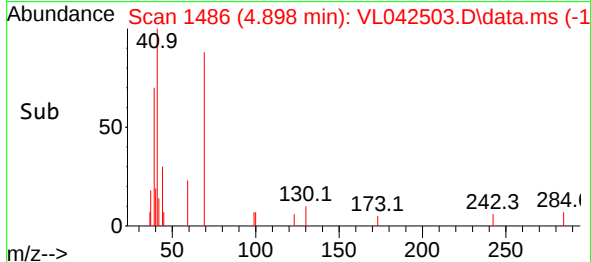
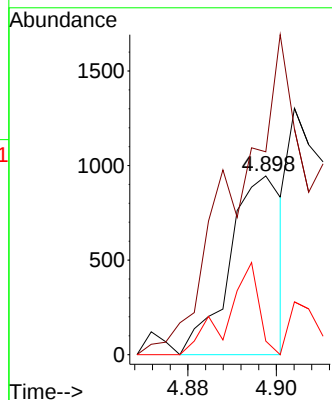
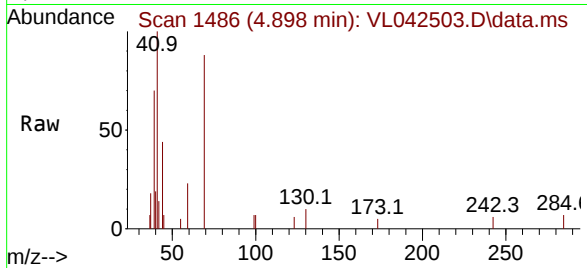




#43
Methyl Methacrylate
Concen: 0.123 ppbv
RT: 4.898 min Scan# 1486
Delta R.T. 0.017 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

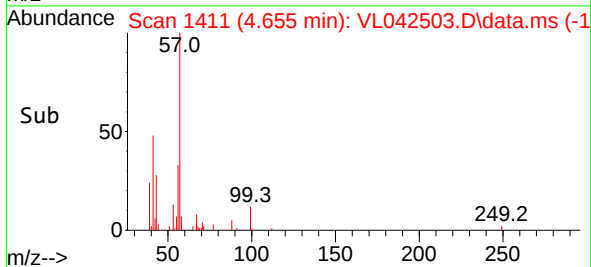
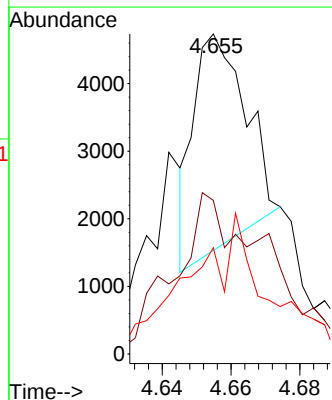
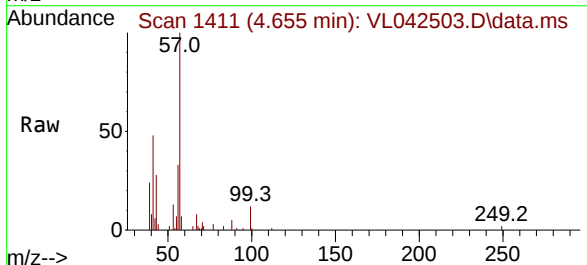
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

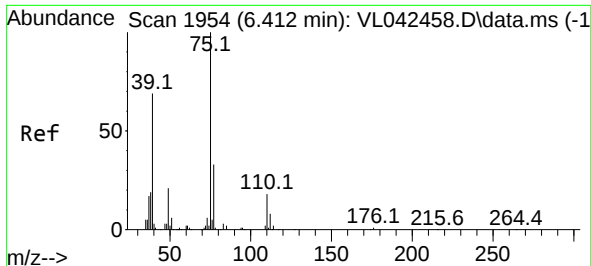
Tgt Ion: 69 Resp: 778
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.121 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 57 Resp: 3341
Ion Ratio Lower Upper
57 100
41 141.5 30.6 45.8#
56 99.2 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.208 ppbv

RT: 6.432 min Scan# 1954

Delta R.T. 0.020 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

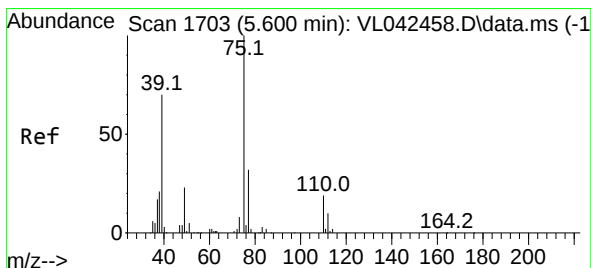
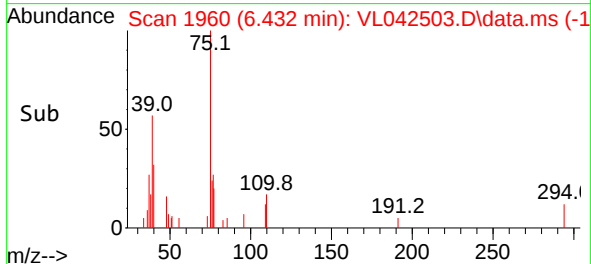
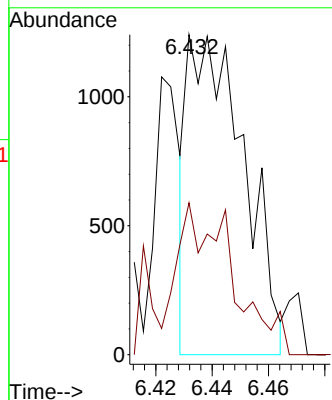
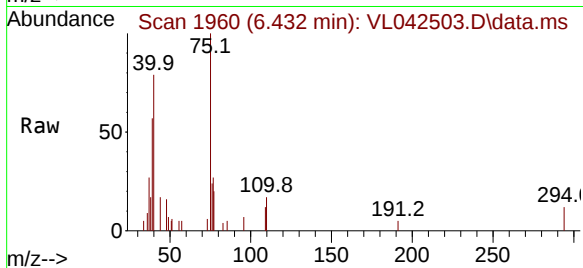
MDL3 0.40

Tgt Ion: 75 Resp: 1728

Ion Ratio Lower Upper

75 100

77 47.5 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 0.122 ppbv

RT: 5.623 min Scan# 1710

Delta R.T. 0.023 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

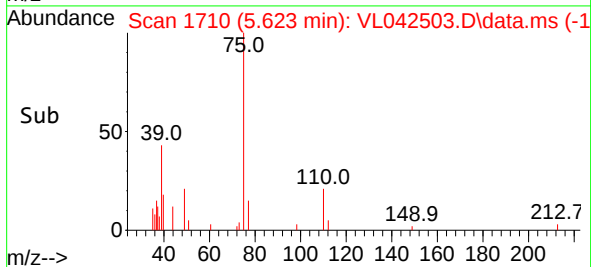
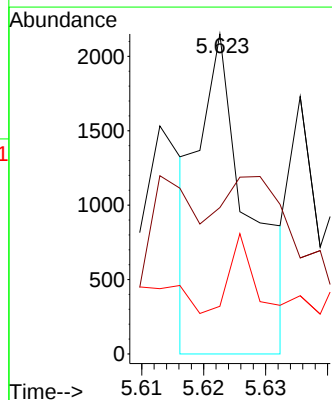
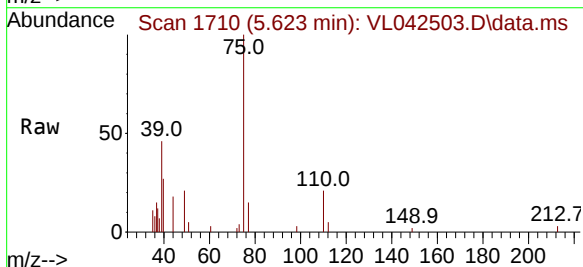
Tgt Ion: 75 Resp: 1207

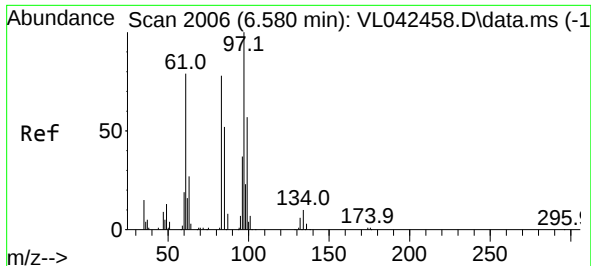
Ion Ratio Lower Upper

75 100

39 44.0 55.7 83.5#

77 0.0 25.8 38.8#

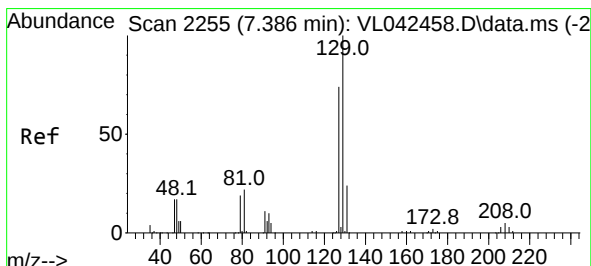
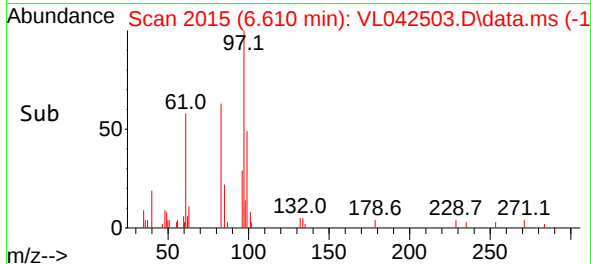
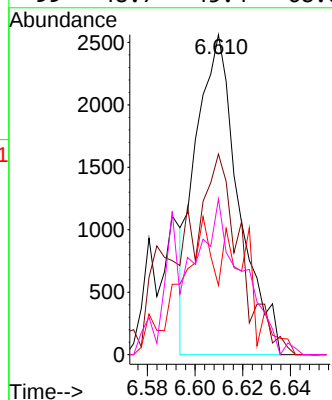
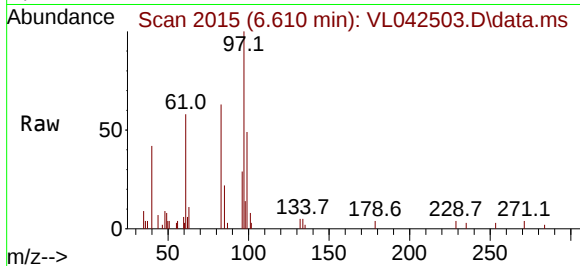




#47
1,1,2-Trichloroethane
Concen: 0.459 ppbv
RT: 6.610 min Scan# 2006
Delta R.T. 0.030 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

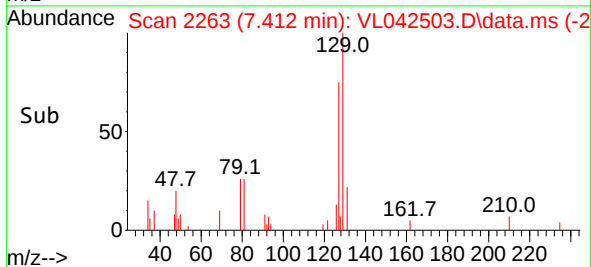
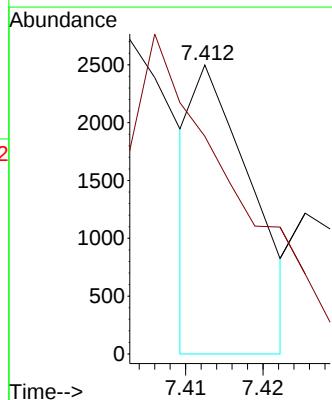
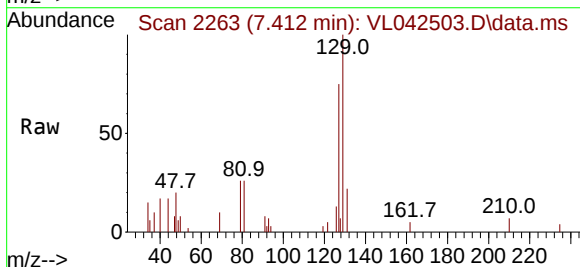
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

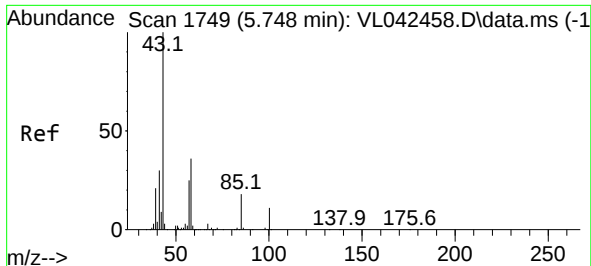
Tgt Ion: 97	Resp: 3209
Ion Ratio	Lower Upper
97 100	
83 57.0	62.2 93.2#
85 16.5	41.5 62.3#
99 48.7	45.4 68.0



#48
Dibromochloromethane
Concen: 0.110 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.026 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:129	Resp:	1298	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.5	118.5#

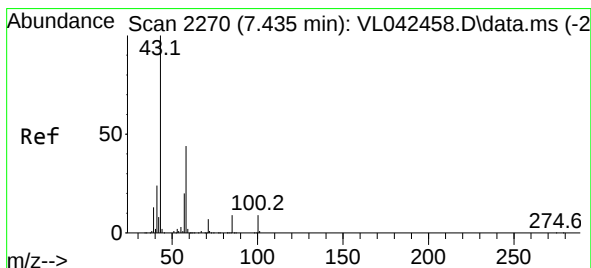
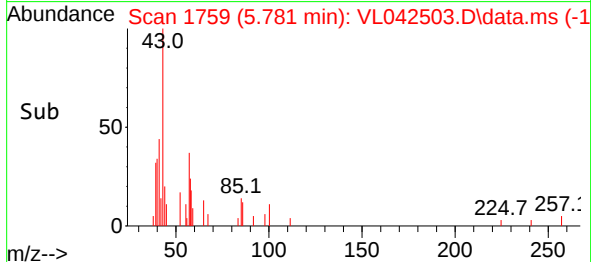
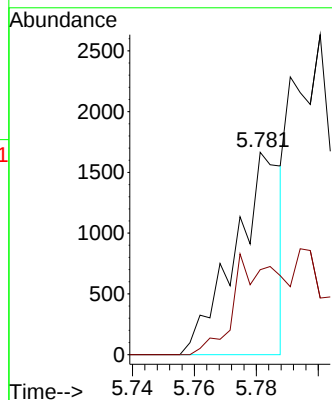
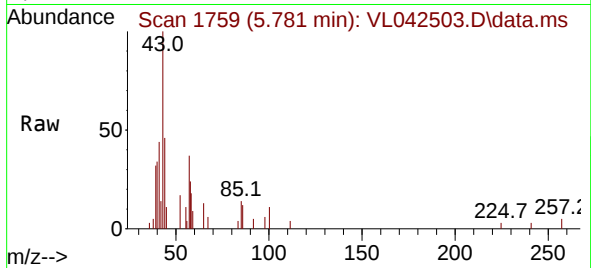




#50
4-Methyl-2-Pentanone
Concen: 0.104 ppbv
RT: 5.781 min Scan# 1723
Delta R.T. 0.033 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

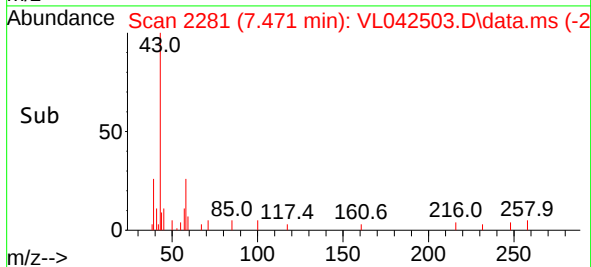
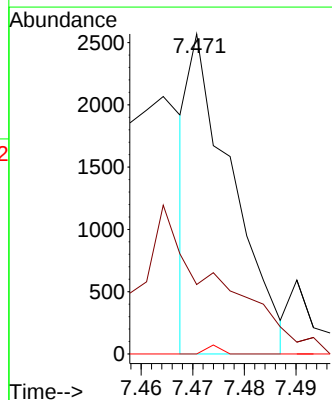
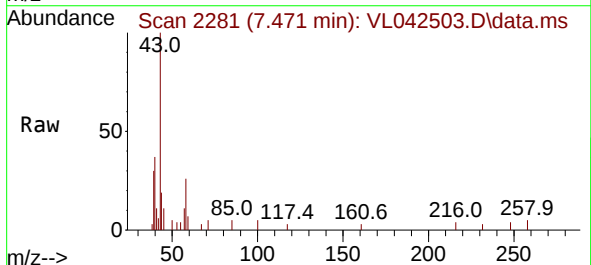
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

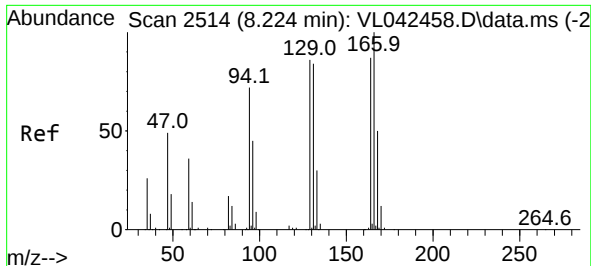
Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#



#51
2-Hexanone
Concen: 0.113 ppbv
RT: 7.471 min Scan# 2281
Delta R.T. 0.036 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#

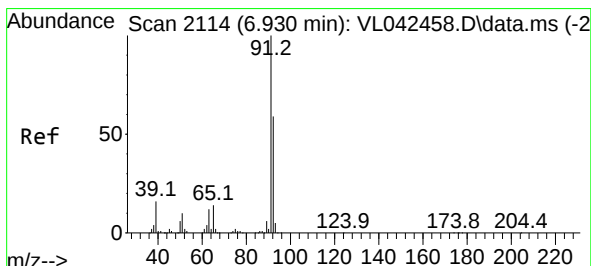
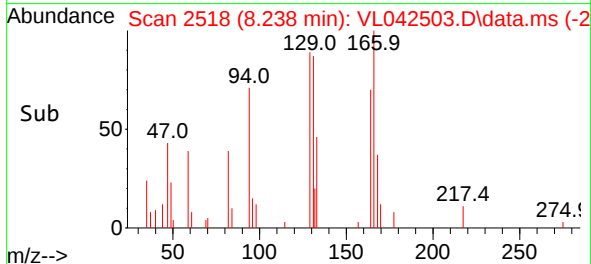
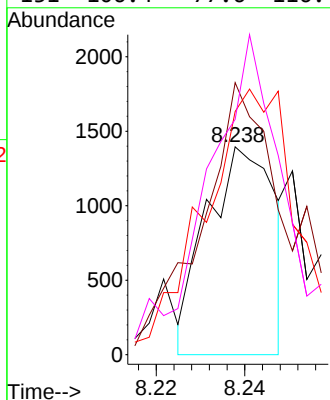
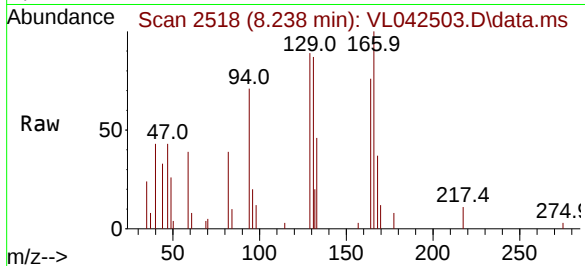




#52
Tetrachloroethene
Concen: 0.228 ppbv
RT: 8.238 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

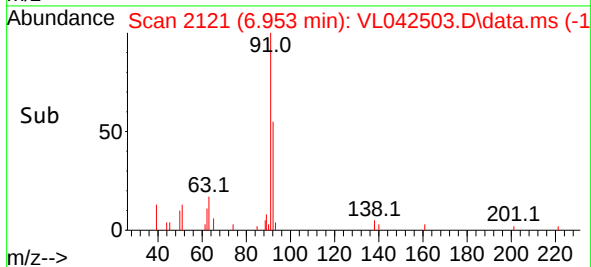
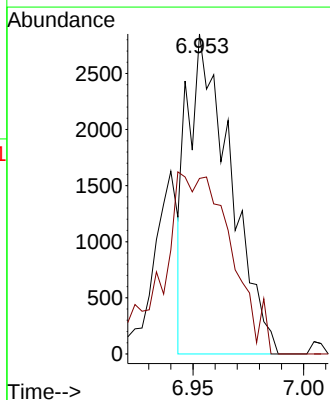
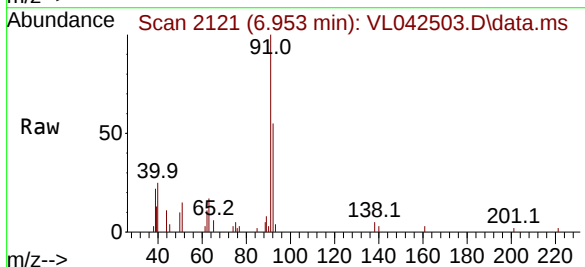
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

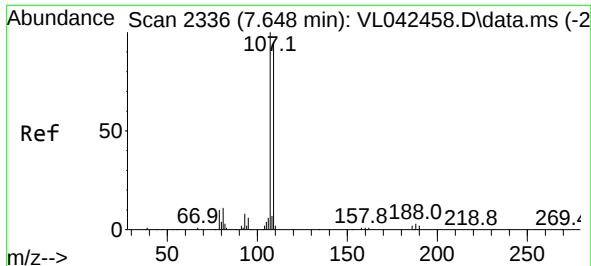
Tgt Ion:	164	Resp:	1475
Ion	Ratio	Lower	Upper
164	100		
166	101.2	91.6	137.4
129	101.8	79.0	118.4
131	106.4	77.6	116.4



#53
Toluene
Concen: 0.214 ppbv
RT: 6.953 min Scan# 2121
Delta R.T. 0.023 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:	91	Resp:	3857
Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.9	71.9#

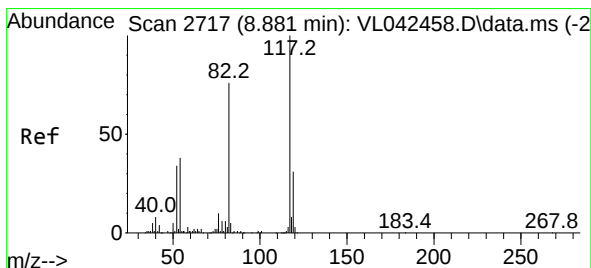
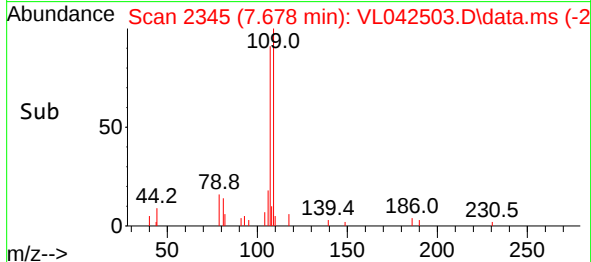
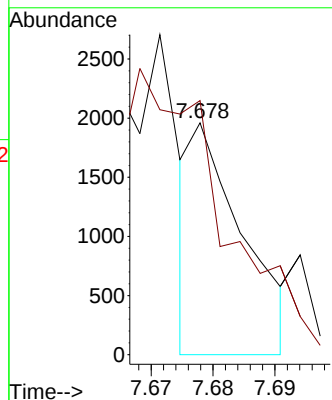
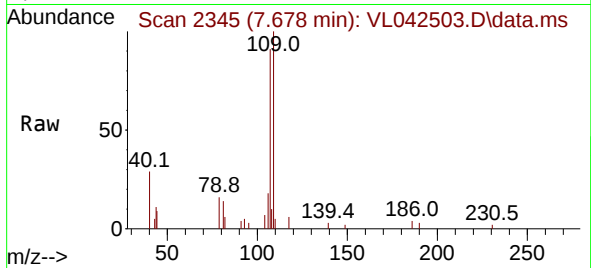




#54
1,2-Dibromoethane
Concen: 0.106 ppbv
RT: 7.678 min Scan# 21
Delta R.T. 0.030 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

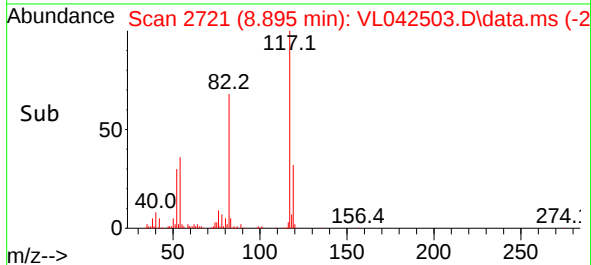
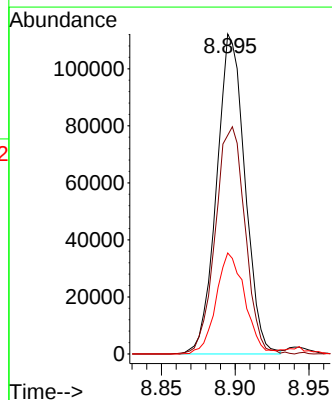
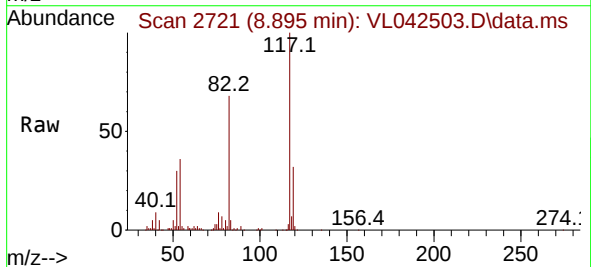
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

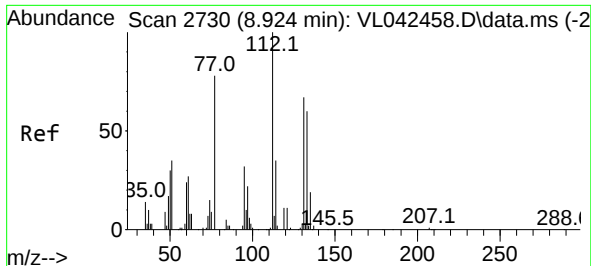
Tgt Ion:107 Resp: 1131
Ion Ratio Lower Upper
107 100
109 100.9 76.0 114.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:117 Resp: 149930
Ion Ratio Lower Upper
117 100
82 74.6 63.5 95.3
119 33.7 25.8 38.8

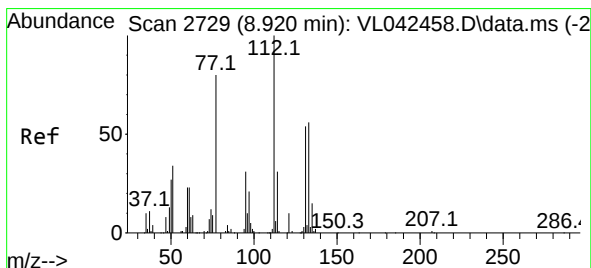
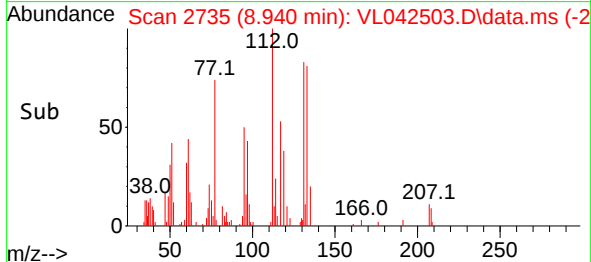
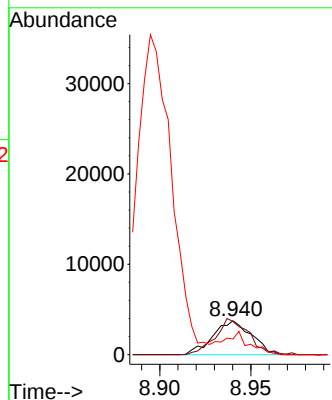
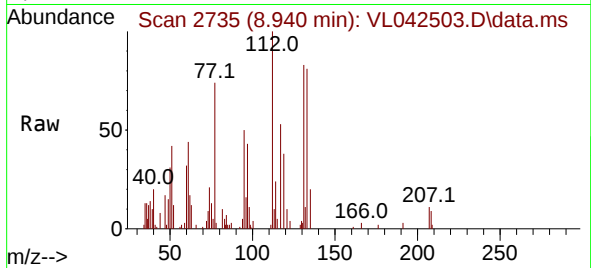




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.621 ppbv
 RT: 8.940 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

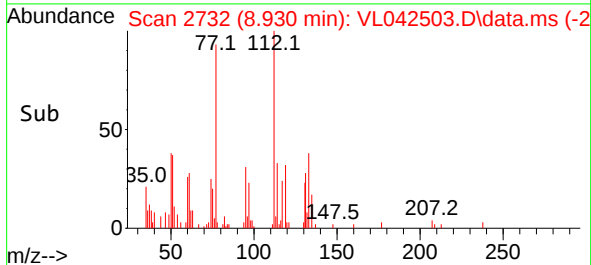
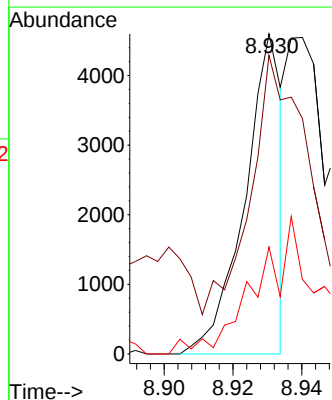
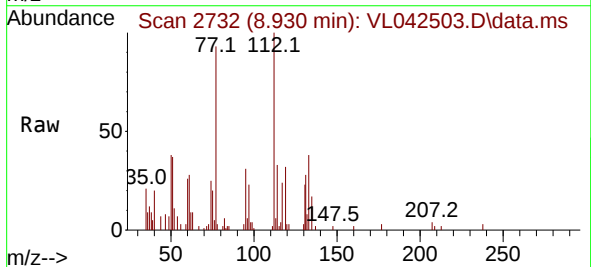
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

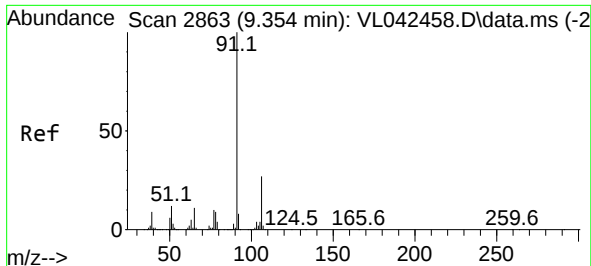
Tgt Ion:131 Resp: 5499
 Ion Ratio Lower Upper
 131 100
 133 92.9 76.0 114.0
 119 920.1 46.1 69.1#



#57
 Chlorobenzene
 Concen: 0.228 ppbv
 RT: 8.930 min Scan# 2732
 Delta R.T. 0.010 min
 Lab File: VL042503.D
 Acq: 06 May 2025 18:39

Tgt Ion:112 Resp: 3440
 Ion Ratio Lower Upper
 112 100
 77 63.5 65.0 97.4#
 114 28.8 27.5 33.7





#58

Ethyl Benzene

Concen: 0.114 ppbv

RT: 9.539 min Scan# 2863

Delta R.T. 0.185 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

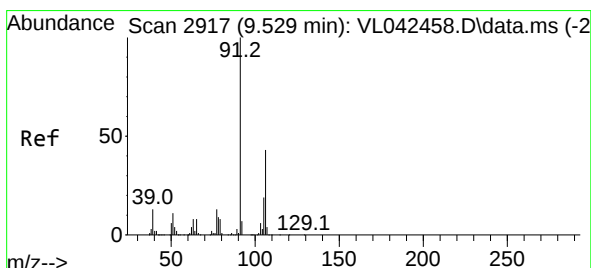
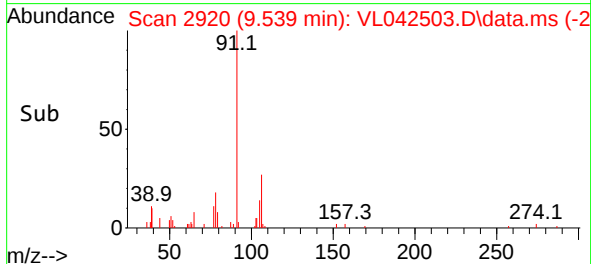
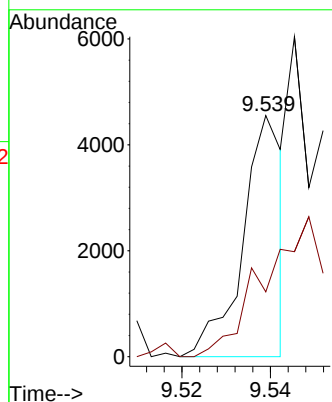
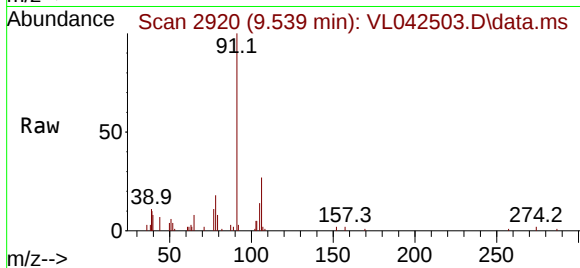
MDL3 0.40

Tgt Ion: 91 Resp: 2863

Ion Ratio Lower Upper

91 100

106 26.9 21.9 32.9



#59

m/p-Xylene

Concen: 0.086 ppbv

RT: 9.545 min Scan# 2922

Delta R.T. 0.017 min

Lab File: VL042503.D

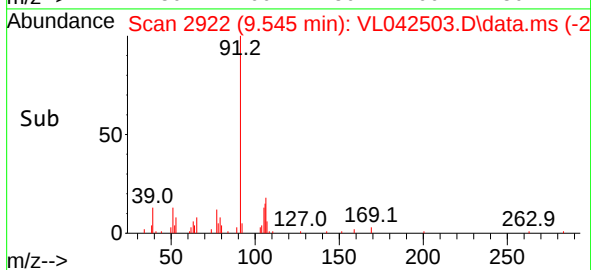
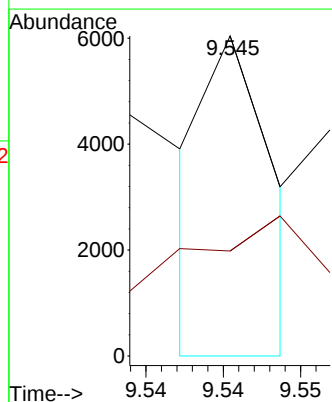
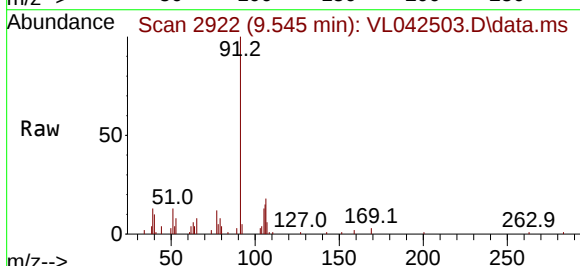
Acq: 06 May 2025 18:39

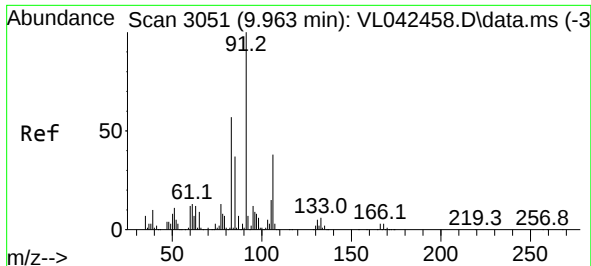
Tgt Ion: 91 Resp: 1796

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#

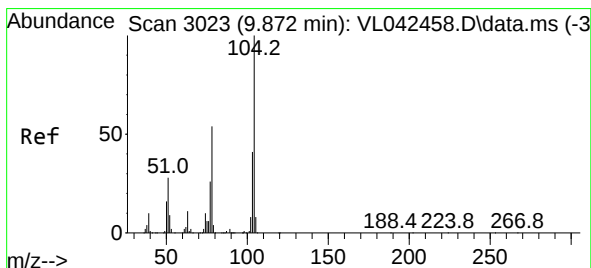
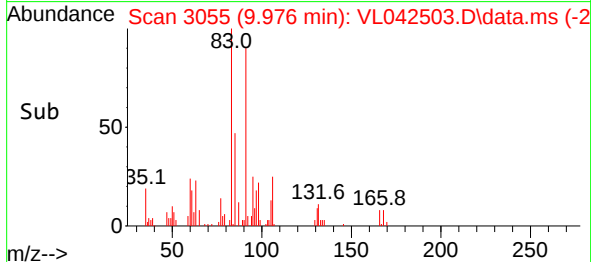
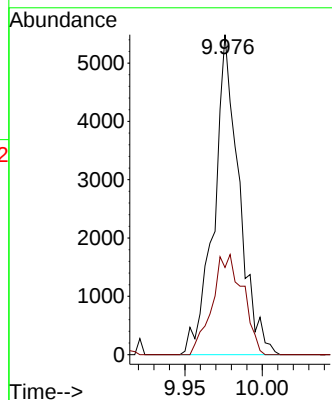
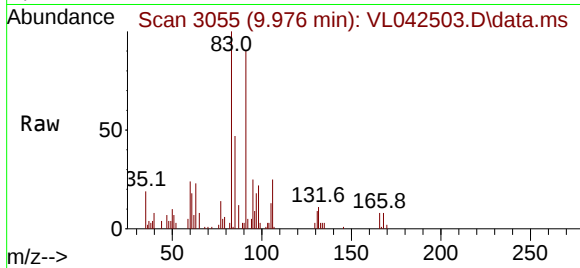




#60
o-Xylene
Concen: 0.293 ppbv
RT: 9.976 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

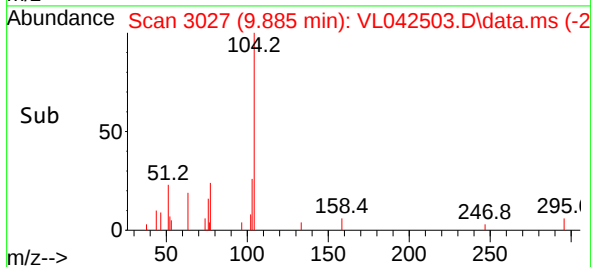
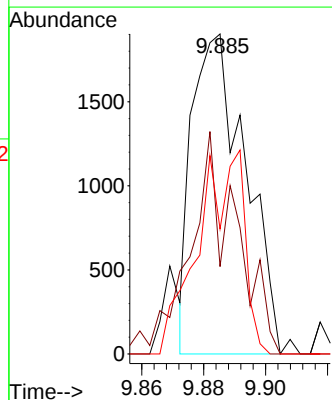
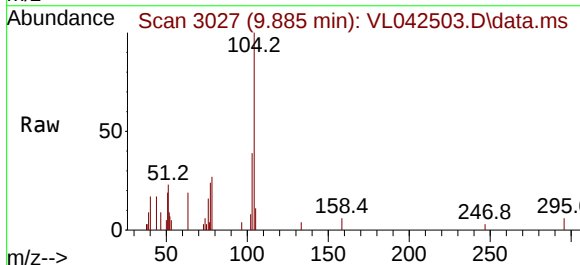
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

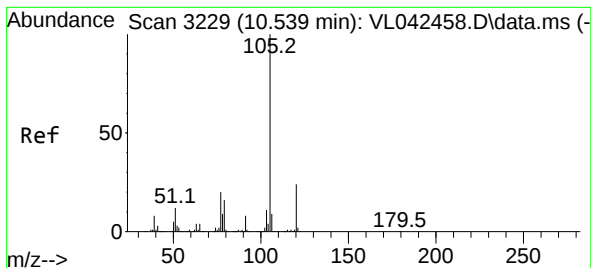
Tgt Ion: 91 Resp: 6164
Ion Ratio Lower Upper
91 100
106 38.5 20.1 60.2



#61
Styrene
Concen: 0.290 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 104 Resp: 2276
Ion Ratio Lower Upper
104 100
78 60.9 46.9 70.3
103 54.5 36.6 55.0





#62

Isopropylbenzene

Concen: 0.325 ppbv

RT: 10.552 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

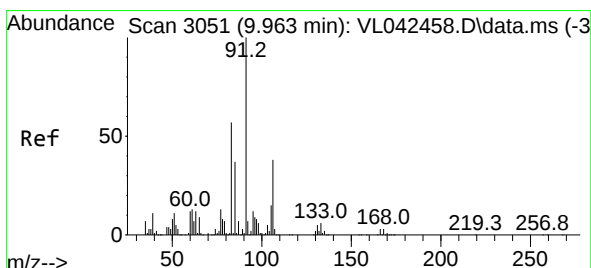
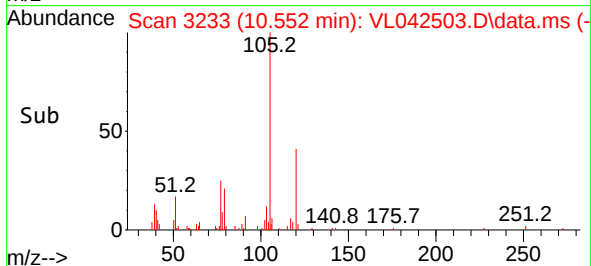
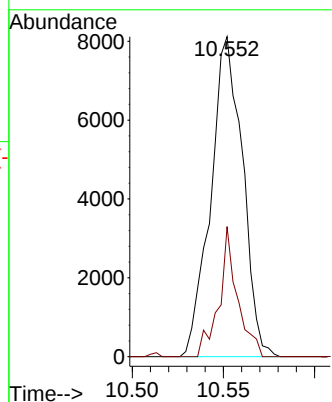
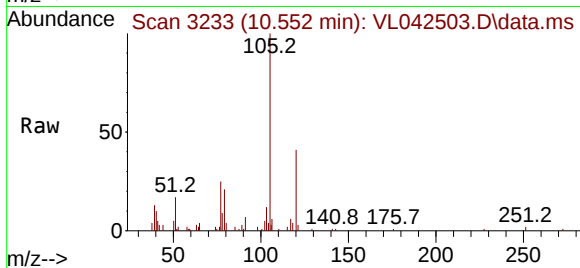
MDL3 0.40

Tgt Ion:105 Resp: 9869

Ion Ratio Lower Upper

105 100

120 23.6 18.8 28.2



#63

1,1,2,2-Tetrachloroethane

Concen: 0.496 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

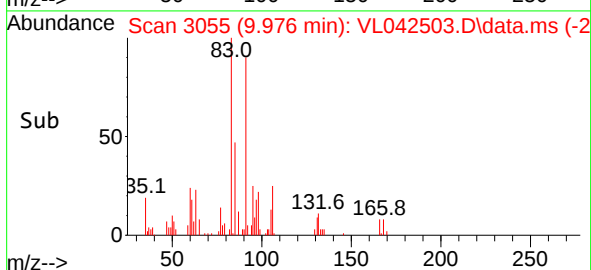
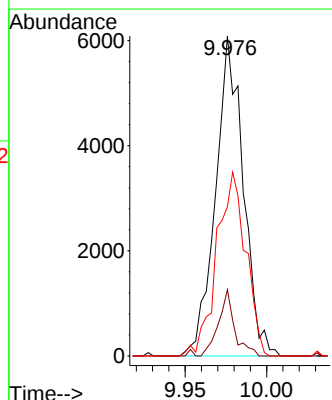
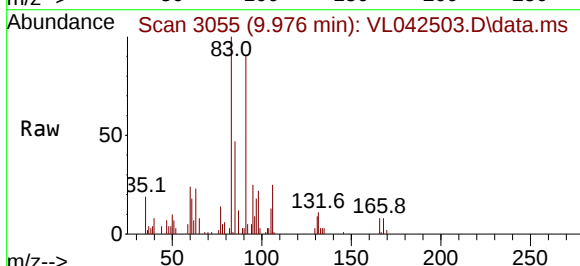
Tgt Ion: 83 Resp: 7187

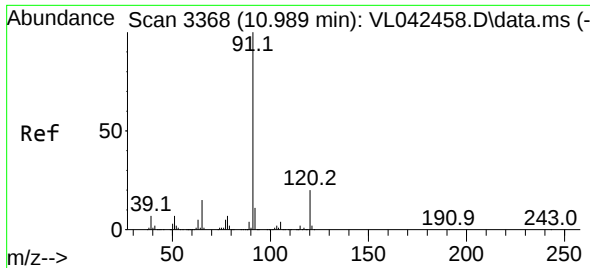
Ion Ratio Lower Upper

83 100

131 12.4 4.7 14.1

85 60.3 32.5 97.4

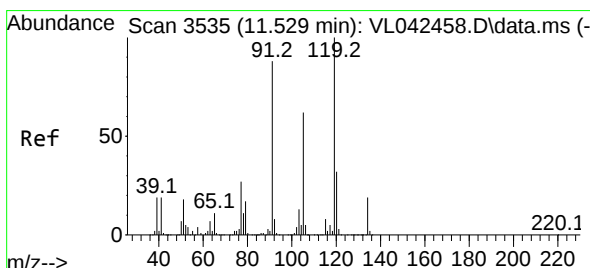
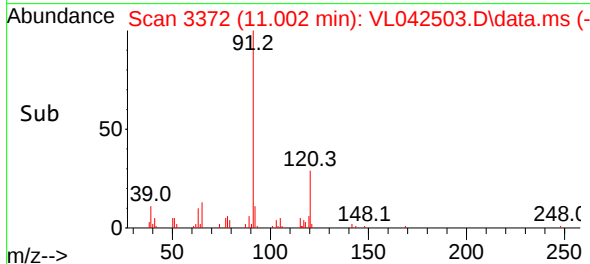
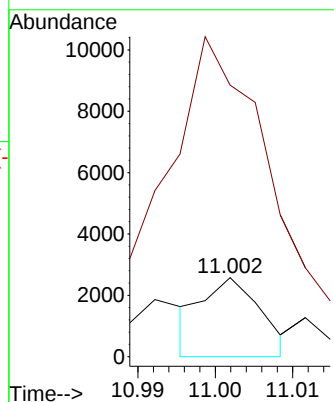
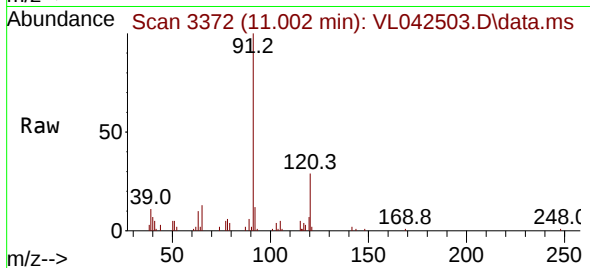




#64
n-propylbenzene
Concen: 0.180 ppbv
RT: 11.002 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

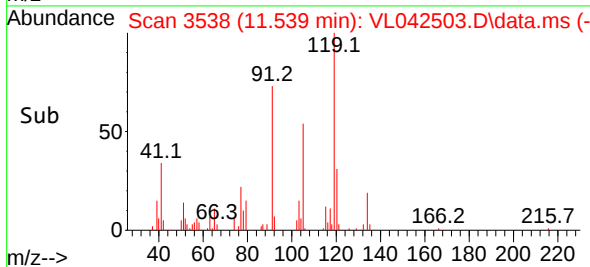
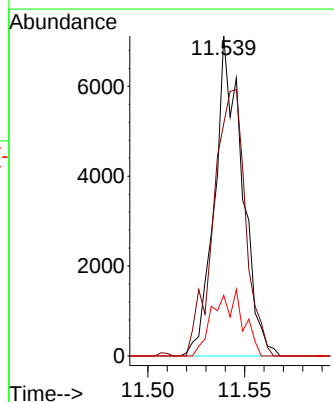
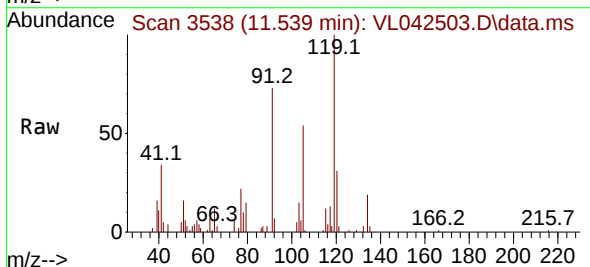
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

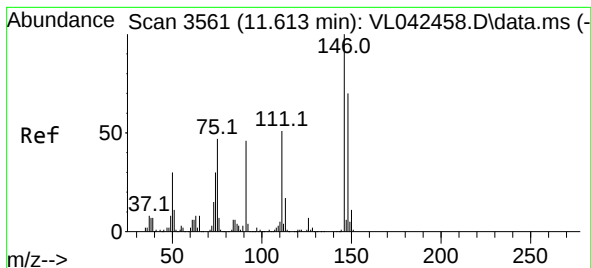
Tgt Ion:120 Resp: 1335
Ion Ratio Lower Upper
120 100
91 820.4 408.6 612.8#



#65
tert-Butylbenzene
Concen: 0.260 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:119 Resp: 7043
Ion Ratio Lower Upper
119 100
91 97.3 71.6 107.4
134 22.3 15.0 22.4





#66

Benzyl Chloride

Concen: 0.381 ppbv

RT: 11.627 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

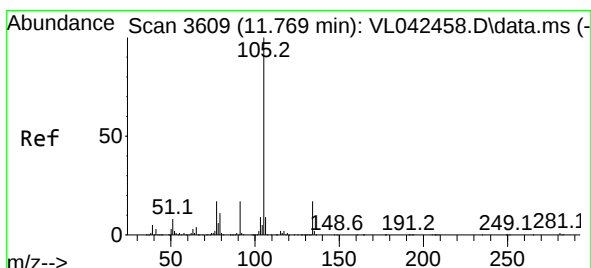
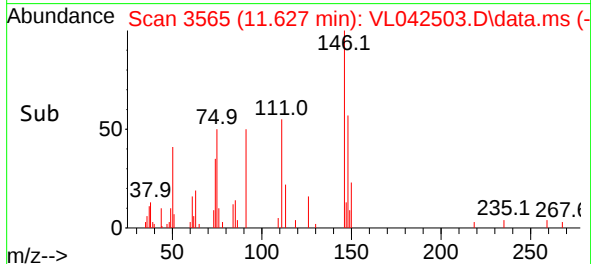
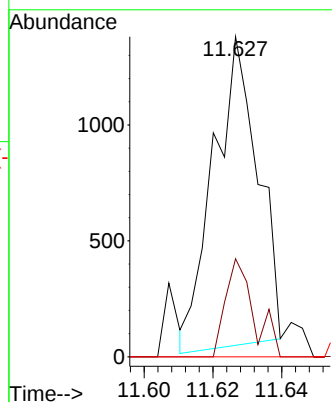
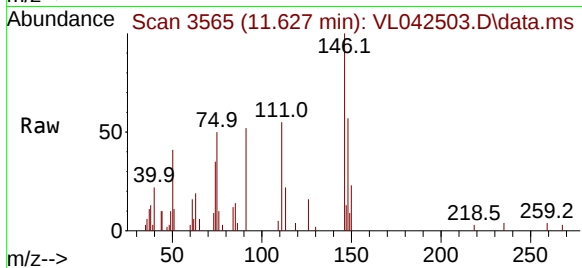
Tgt Ion: 91 Resp: 1191

Ion Ratio Lower Upper

91 100

126 20.2 13.3 19.9#

128 2.0 4.2 6.4#



#67

sec-Butylbenzene

Concen: 0.313 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. 0.007 min

Lab File: VL042503.D

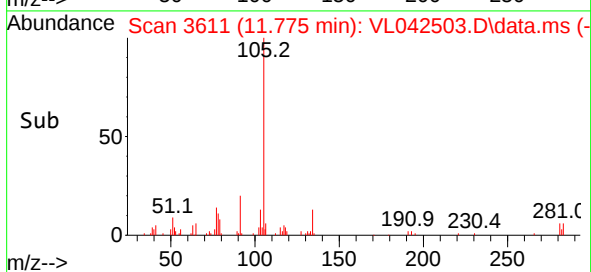
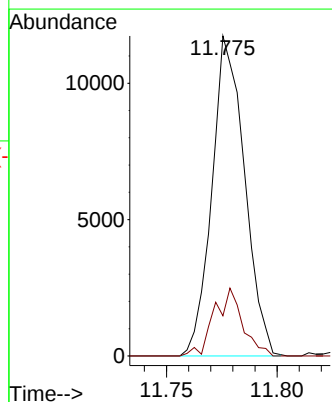
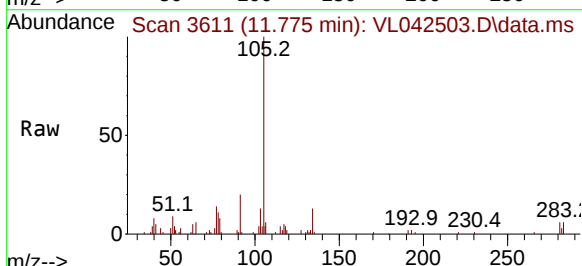
Acq: 06 May 2025 18:39

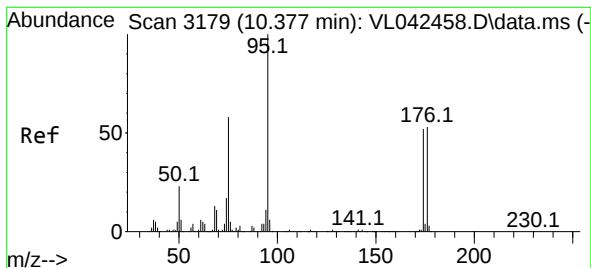
Tgt Ion: 105 Resp: 12043

Ion Ratio Lower Upper

105 100

134 18.5 14.1 21.1

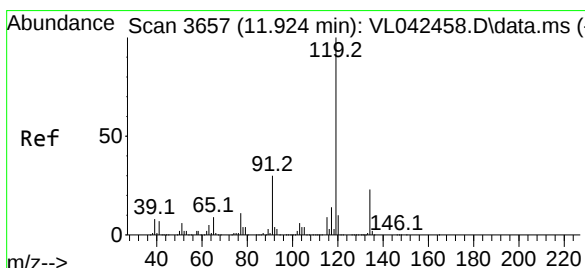
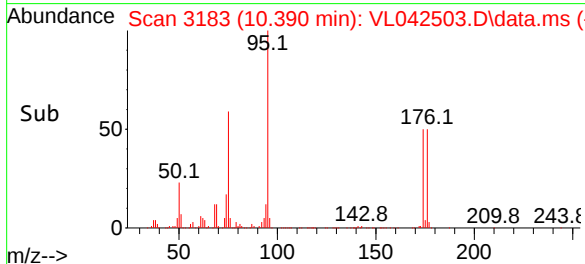
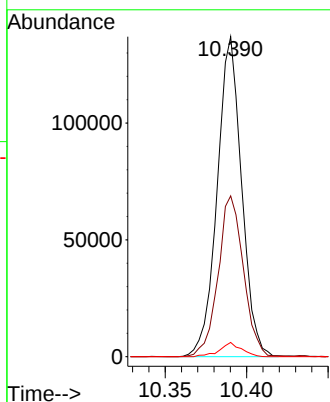
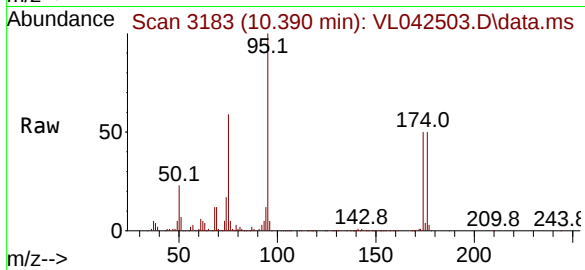




#68
1-Bromo-4-Fluorobenzene
Concen: 10.268 ppbv
RT: 10.390 min Scan# 3179
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

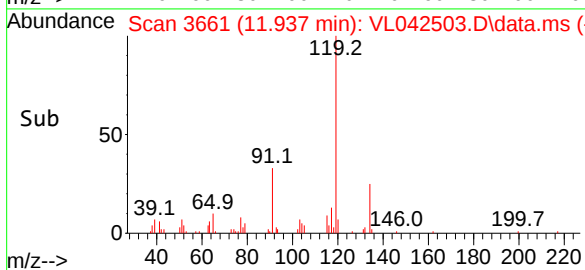
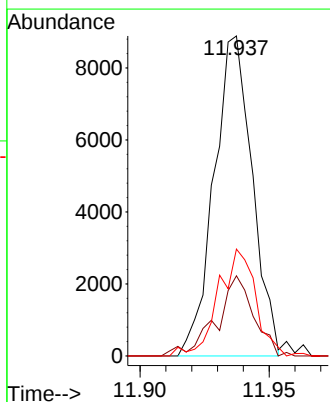
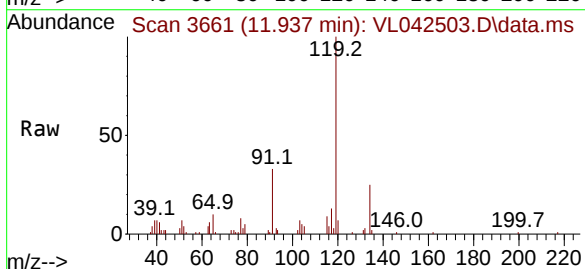
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

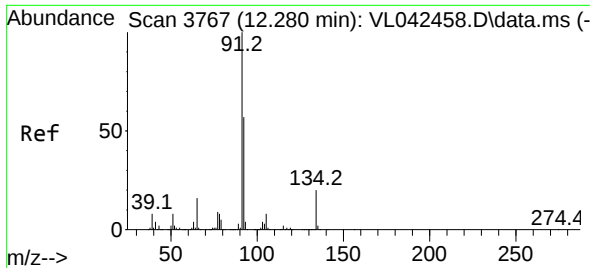
Tgt Ion: 95 Resp: 142737
Ion Ratio Lower Upper
95 100
174 52.4 42.7 64.1
175 4.0 3.6 5.4



#69
p-Isopropyltoluene
Concen: 0.282 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion: 119 Resp: 9149
Ion Ratio Lower Upper
119 100
134 24.5 19.0 28.4
91 32.7 25.5 38.3

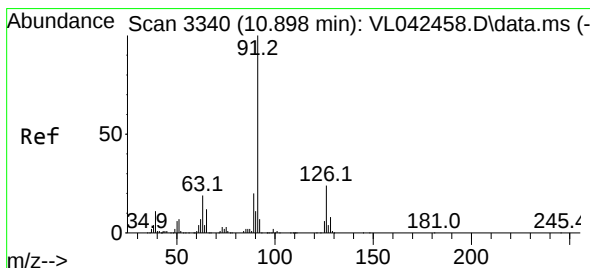
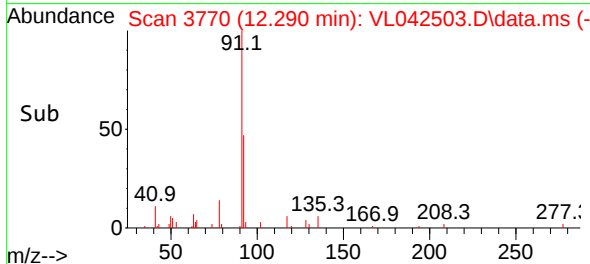
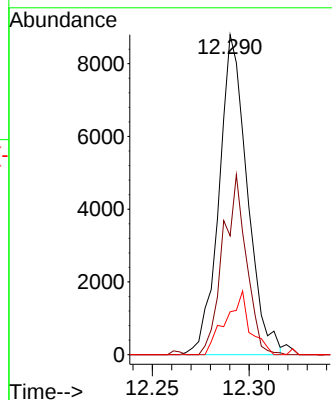
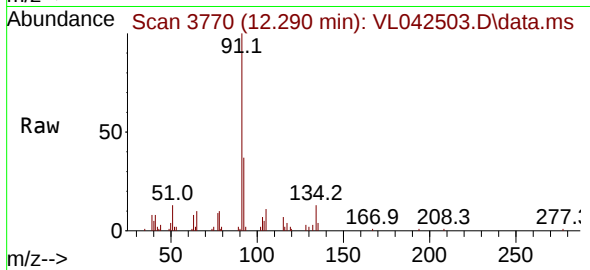




#70
n-Butylbenzene
Concen: 0.266 ppbv
RT: 12.290 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

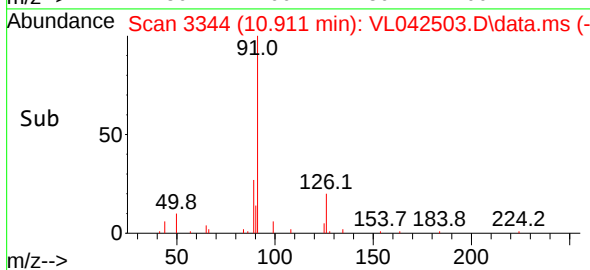
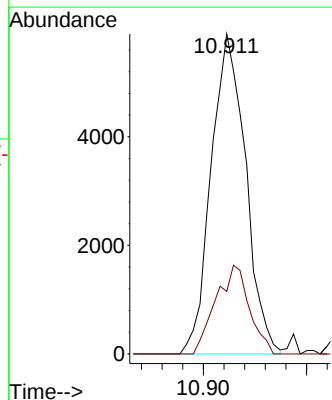
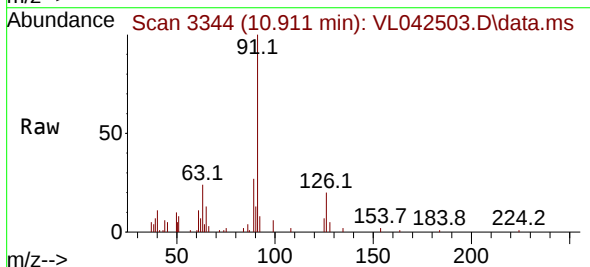
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

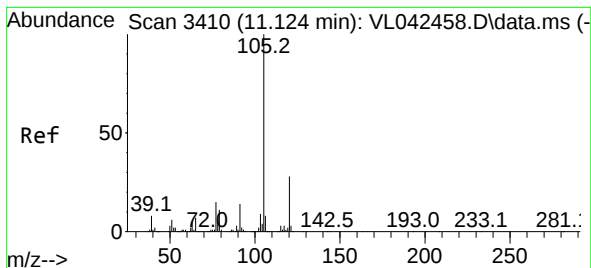
Tgt Ion:	91	Resp:	8909
Ion	Ratio	Lower	Upper
91	100		
92	47.3	44.0	66.0
134	17.4	16.8	25.2



#71
2-Chlorotoluene
Concen: 0.287 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:	91	Resp:	6834
Ion	Ratio	Lower	Upper
91	100		
126	27.0	10.6	42.2





#72

4-Ethyltoluene

Concen: 0.276 ppbv

RT: 11.135 min Scan# 3410

Delta R.T. 0.010 min

Lab File: VL042503.D

Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

Tgt Ion:105 Resp: 6847

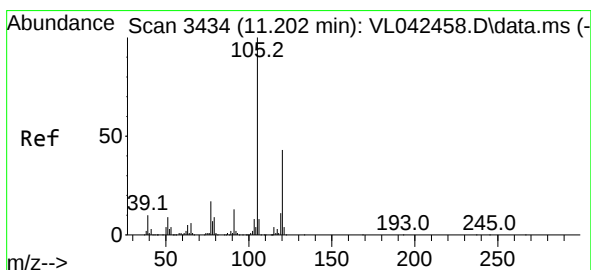
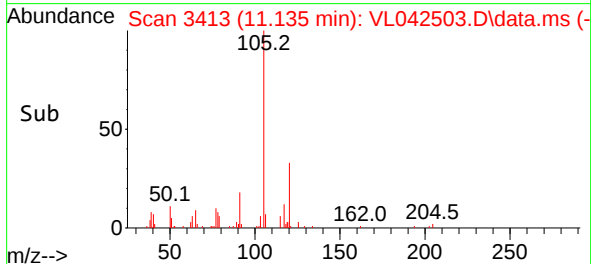
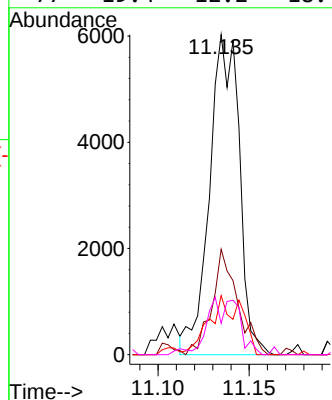
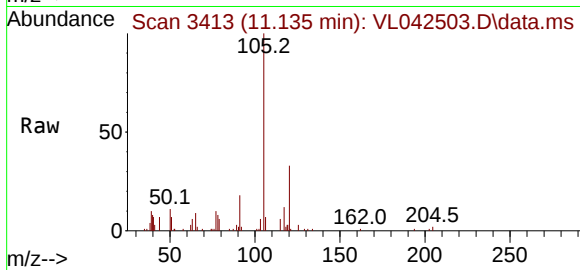
Ion Ratio Lower Upper

105 100

120 30.5 22.0 33.0

91 21.0 11.2 16.8#

77 19.4 12.2 18.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.280 ppbv

RT: 11.216 min Scan# 3438

Delta R.T. 0.013 min

Lab File: VL042503.D

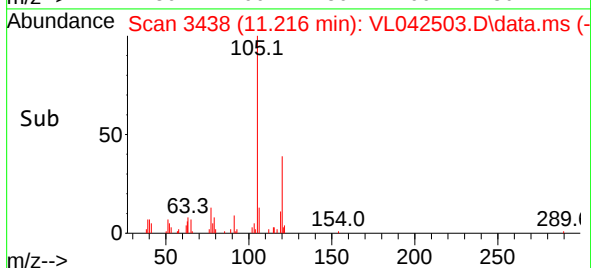
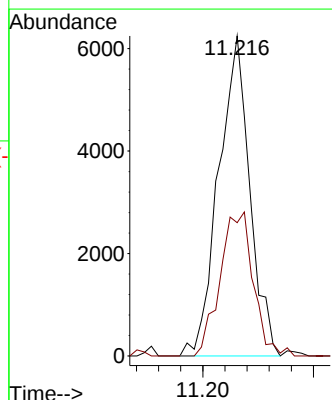
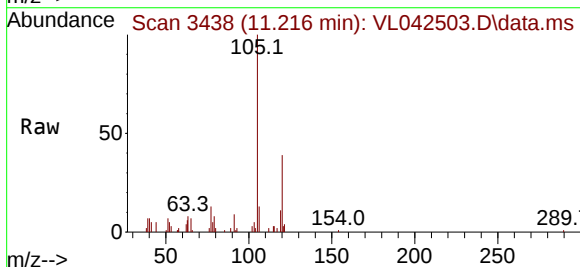
Acq: 06 May 2025 18:39

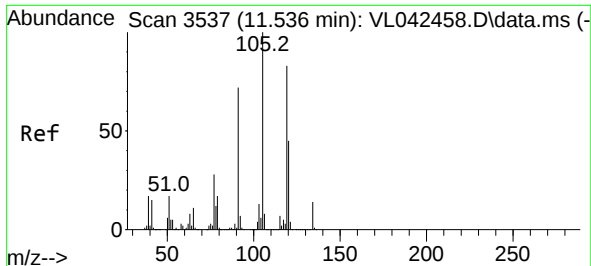
Tgt Ion:105 Resp: 6116

Ion Ratio Lower Upper

105 100

120 41.7 34.4 51.6

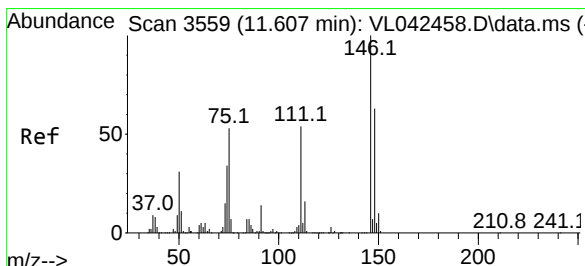
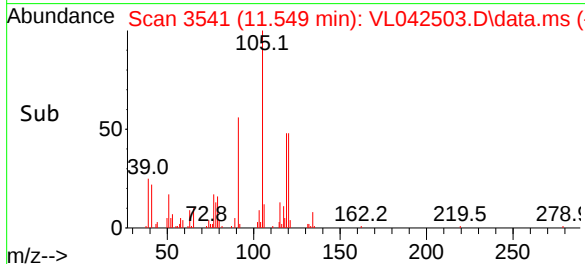
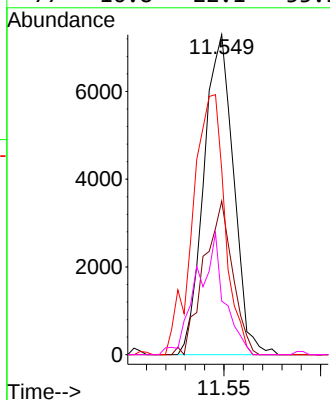
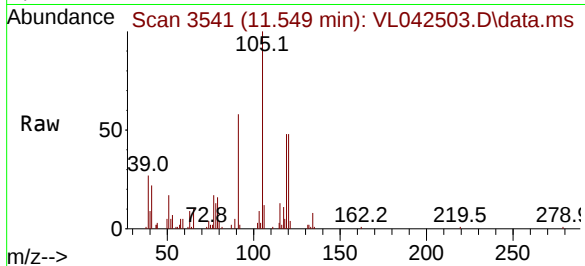




#74
1,2,4-Trimethylbenzene
Concen: 0.295 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

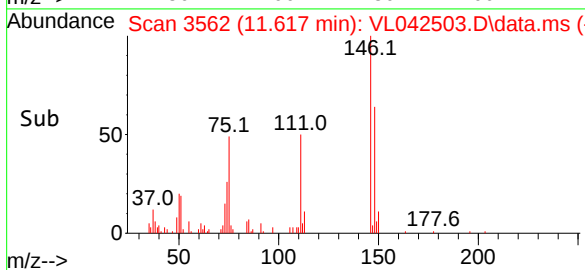
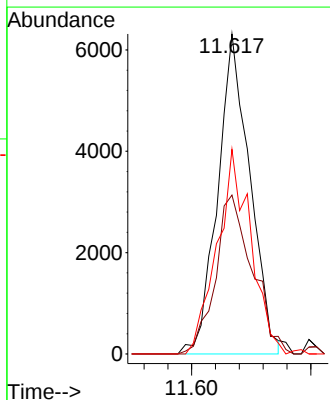
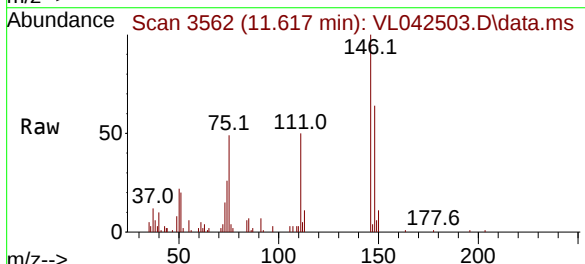
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

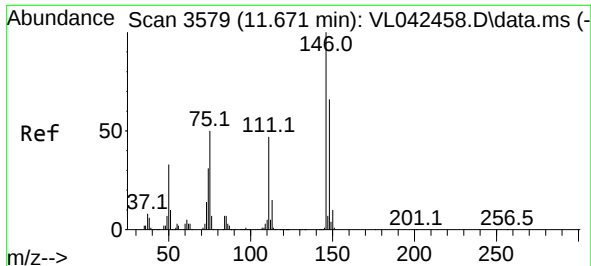
Tgt Ion:	105	Resp:	7792
Ion	Ratio	Lower	Upper
105	100		
120	48.0	36.1	54.1
91	57.9	57.6	86.4
77	16.8	22.1	33.1



#75
1,3-Dichlorobenzene
Concen: 0.403 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:	146	Resp:	5925
Ion	Ratio	Lower	Upper
146	100		
111	57.9	26.1	78.3
148	67.3	32.0	96.0

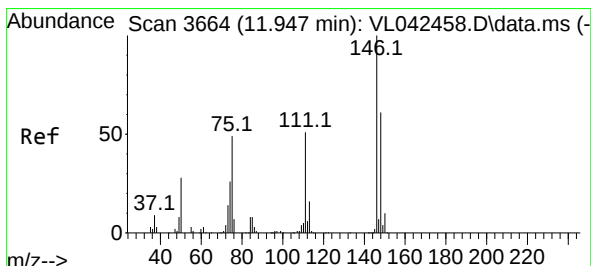
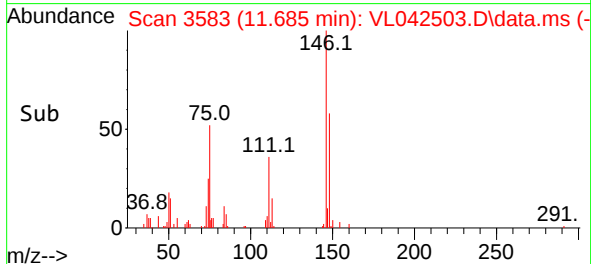
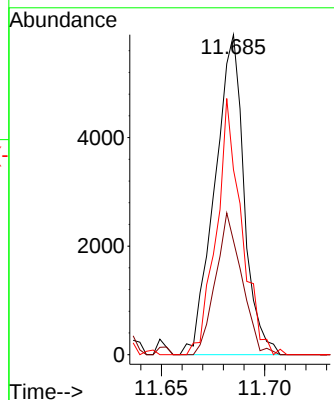
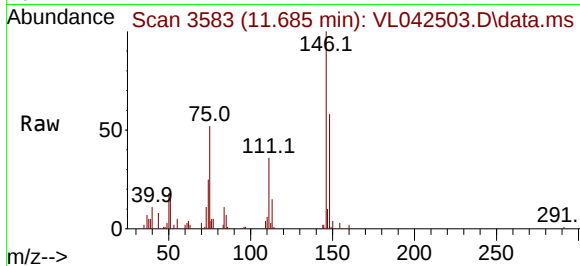




#76
1,4-Dichlorobenzene
Concen: 0.418 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

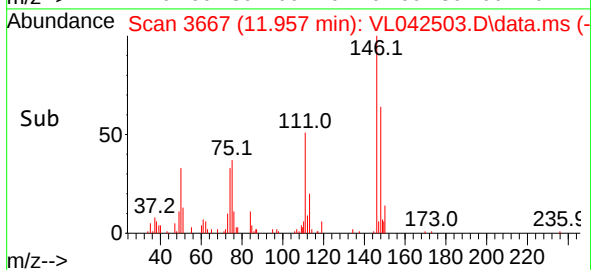
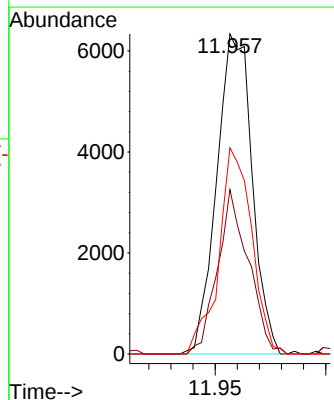
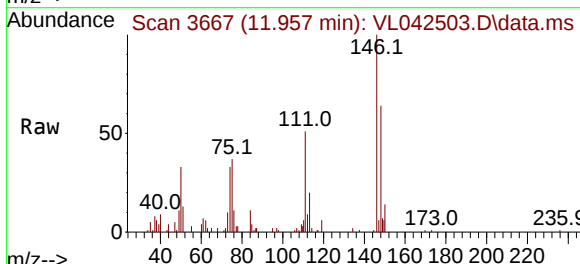
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

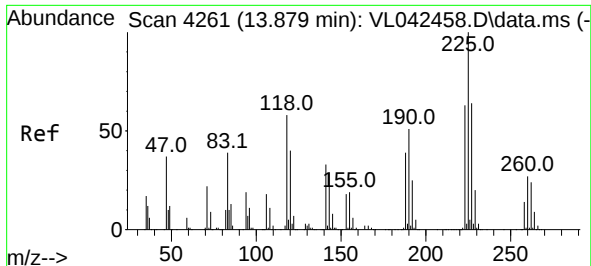
Tgt Ion:146 Resp: 5815
Ion Ratio Lower Upper
146 100
111 39.6 24.4 73.2
148 68.3 32.0 96.2



#77
1,2-Dichlorobenzene
Concen: 0.490 ppbv
RT: 11.957 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:146 Resp: 7046
Ion Ratio Lower Upper
146 100
111 46.0 26.5 79.5
148 60.0 31.5 94.5

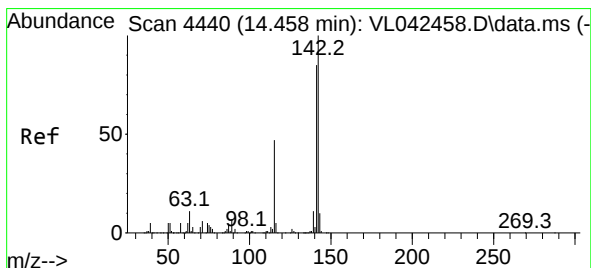
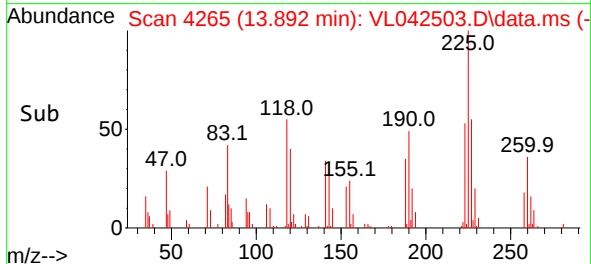
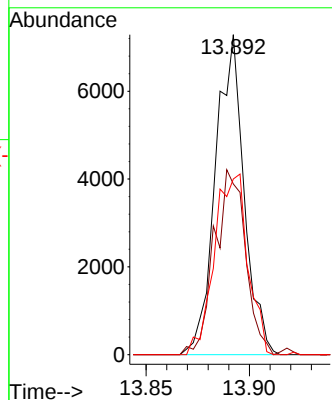
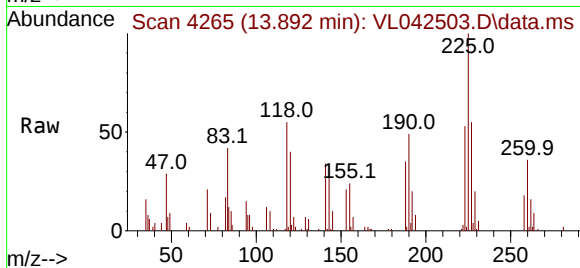




#78
Hexachloro-1,3-Butadiene
Concen: 0.489 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

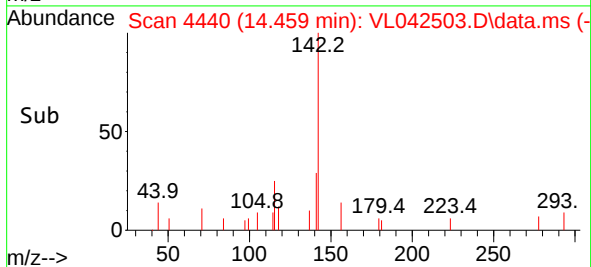
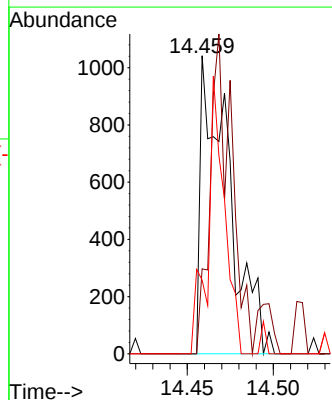
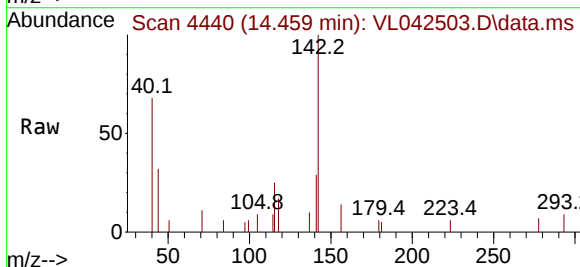
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

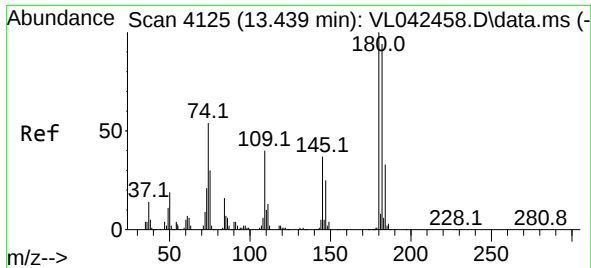
Tgt Ion:225 Resp: 7019
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 66.2 51.2 76.8



#80
Naphthalene,2-methyl-
Concen: 0.073 ppbv
RT: 14.459 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042503.D
Acq: 06 May 2025 18:39

Tgt Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
141 95.7 67.4 101.0
115 56.7 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.228 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042503.D

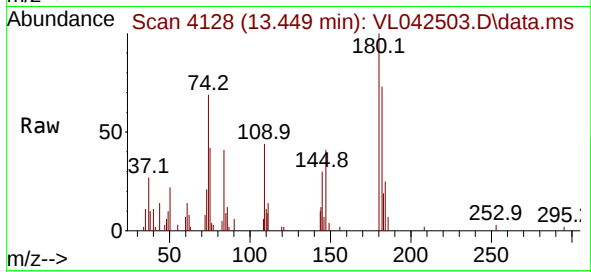
Acq: 06 May 2025 18:39

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40



Tgt Ion:180 Resp: 2702

Ion Ratio Lower Upper

180 100

182 97.0 74.6 111.8

184 33.5 24.9 37.3

