

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042506.D
 Acq On : 06 May 2025 20:13
 Operator : SY/MD
 Sample : MDL3 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1

Quant Time: May 07 03:24:05 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	2.794	49	67306	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	172903	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	144734	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	135183	10.074	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	1640	0.147	ppbv	89
3) Chlorodifluoromethane	1.479	51	1573	0.134	ppbv #	83
4) Chloromethane	1.534	50	702	0.151	ppbv #	88
5) Vinyl Chloride	1.580	62	569	0.121	ppbv #	59
6) Bromomethane	1.674	94	522	0.236	ppbv #	24
7) Chloroethane	1.706	64	207	0.120	ppbv #	1
8) Dichlorotetrafluoroethane	1.557	85	1417	0.154	ppbv	96
9) Propene	1.777	41	874	0.227	ppbv	89
10) Heptane	4.994	43	330	0.033	ppbv #	1
11) Trichlorofluoromethane	1.878	101	1386	0.135	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.146	101	1354	0.165	ppbv	86
13) Ethanol	1.725	45	212	0.271	ppbv #	25
14) Bromoethene	1.787	108	395	0.130	ppbv #	84
15) Acetone	1.839	43	2828	0.230	ppbv #	79
16) 1,3-Butadiene	1.612	39	853	0.157	ppbv	94
17) tert-Butyl alcohol	2.046	59	1618	0.149	ppbv #	70
18) 1,1-Dichloroethene	2.039	96	674	0.176	ppbv #	62
19) Isopropyl Alcohol	1.894	45	1446	0.213	ppbv #	94
20) Methylene Chloride	2.065	84	1366	0.370	ppbv #	57
21) Allyl Chloride	2.101	41	1211	0.153	ppbv #	56
22) trans-1,2-Dichloroethene	2.732	96	117	0.026	ppbv	90
23) Vinyl Acetate	2.467	43	1639	0.140	ppbv #	22
24) 1,1-Dichloroethane	2.412	63	1320	0.145	ppbv #	89
25) Ethyl Acetate	2.849	43	1181	0.060	ppbv #	83
26) Hexane	2.829	57	707	0.082	ppbv #	52
27) Carbon Disulfide	2.153	76	1379	0.138	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	505	0.098	ppbv	95
29) Chloroform	2.438	83	55	0.003	ppbv	94
30) Cyclohexane	3.858	84	207	0.029	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	836	0.084	ppbv #	71
32) 1,1,1-Trichloroethane	3.370	97	2030	0.117	ppbv	98
34) 2-Butanone	2.570	43	1542	0.123	ppbv	99
35) Carbon Tetrachloride	3.765	117	818	0.052	ppbv #	85
36) Benzene	3.661	78	632	0.039	ppbv #	63
37) 1,2-Dichloroethane	3.221	62	955	0.076	ppbv #	84
38) Trichloroethene	4.561	130	492	0.079	ppbv #	74
39) 1,2-Dichloropropane	3.965	63	51700	8.464	ppbv #	21
40) 1,4-Dioxane	4.613	88	26	0.009	ppbv #	100
41) Tetrahydrofuran	3.075	42	485	0.082	ppbv #	34
42) Bromodichloromethane	4.496	83	554	0.036	ppbv #	91
43) Methyl Methacrylate	4.891	69	65	0.011	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	553	0.021	ppbv #	40
45) t-1,3-Dichloropropene	6.425	75	199	0.025	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042506.D
 Acq On : 06 May 2025 20:13
 Operator : SY/MD
 Sample : MDL3 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

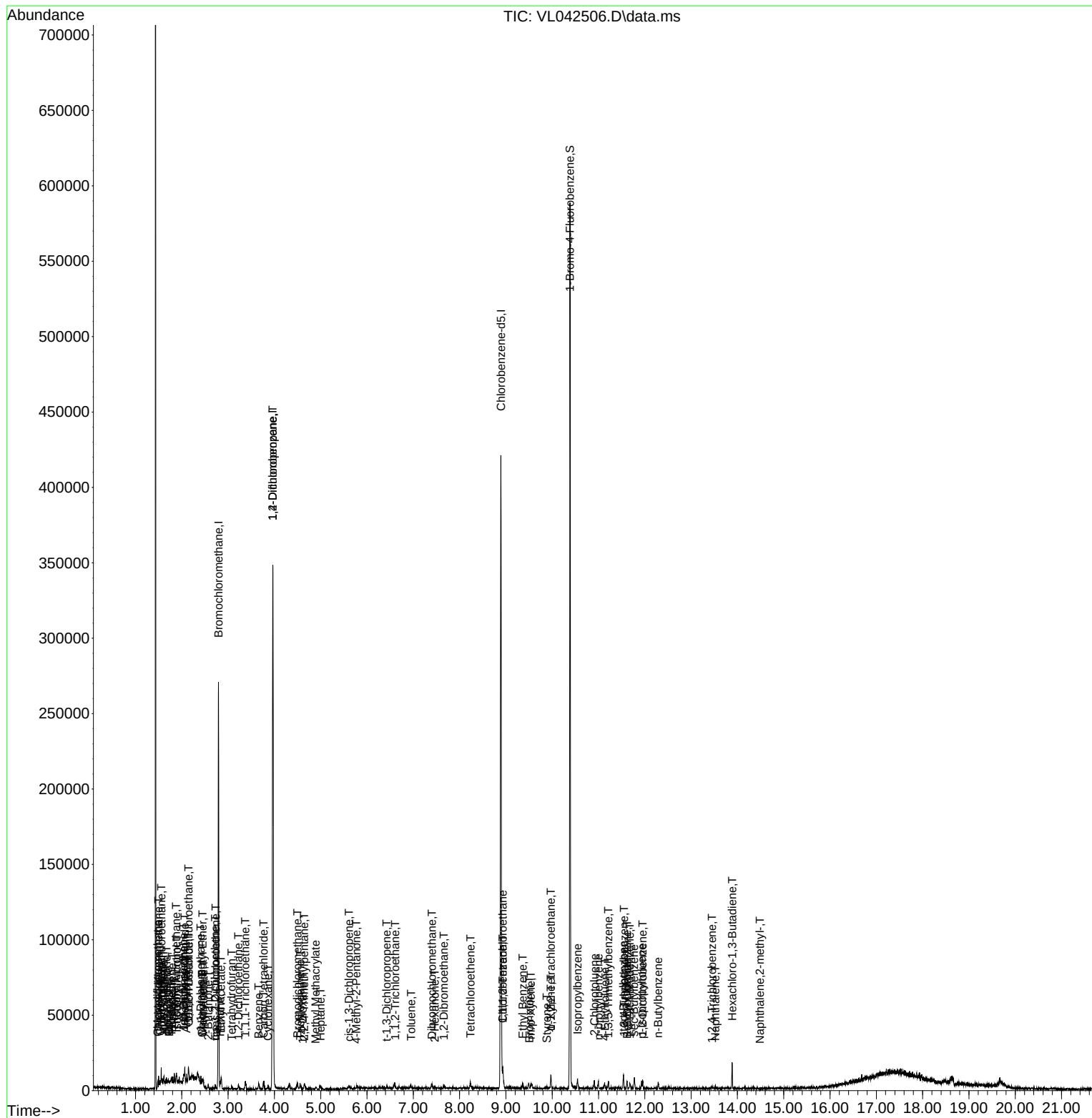
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1

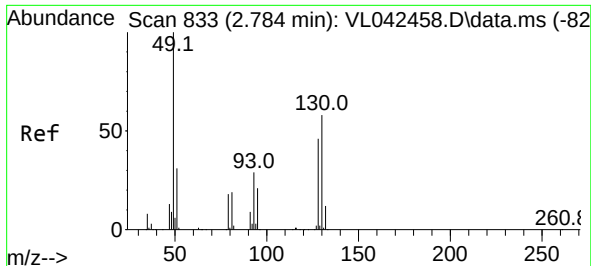
Quant Time: May 07 03:24:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	336	0.035	ppbv #	33
47) 1,1,2-Trichloroethane	6.606	97	268	0.040	ppbv	93
48) Dibromochloromethane	7.402	129	260	0.023	ppbv #	1
49) Bromoform	9.506	173	173	0.018	ppbv #	28
50) 4-Methyl-2-Pentanone	5.768	43	14	0.001	ppbv #	38
51) 2-Hexanone	7.464	43	710	0.056	ppbv #	90
52) Tetrachloroethene	8.234	164	254	0.041	ppbv #	79
53) Toluene	6.953	91	608	0.035	ppbv #	21
54) 1,2-Dibromoethane	7.661	107	1134	0.111	ppbv	83
56) 1,1,1,2-Tetrachloroethane	8.930	131	881	0.103	ppbv #	10
57) Chlorobenzene	8.930	112	572	0.039	ppbv #	1
58) Ethyl Benzene	9.364	91	906	0.037	ppbv	90
59) m/p-Xylene	9.539	91	645	0.032	ppbv #	1
60) o-Xylene	9.969	91	792	0.039	ppbv #	37
61) Styrene	9.885	104	16	0.002	ppbv #	1
62) Isopropylbenzene	10.549	105	2393	0.082	ppbv #	88
63) 1,1,2,2-Tetrachloroethane	9.972	83	1161	0.083	ppbv #	46
64) n-propylbenzene	11.002	120	165	0.023	ppbv #	1
65) tert-Butylbenzene	11.542	119	1071	0.041	ppbv #	72
66) Benzyl Chloride	11.620	91	326	0.108	ppbv #	67
67) sec-Butylbenzene	11.769	105	2159	0.058	ppbv #	91
69) p-Isopropyltoluene	11.937	119	832	0.027	ppbv #	44
70) n-Butylbenzene	12.287	91	1206	0.037	ppbv #	97
71) 2-Chlorotoluene	10.911	91	1852	0.081	ppbv	95
72) 4-Ethyltoluene	11.138	105	468	0.020	ppbv #	33
73) 1,3,5-Trimethylbenzene	11.209	105	1286	0.061	ppbv #	74
74) 1,2,4-Trimethylbenzene	11.549	105	336	0.013	ppbv #	69
75) 1,3-Dichlorobenzene	11.617	146	401	0.028	ppbv #	1
76) 1,4-Dichlorobenzene	11.678	146	660	0.049	ppbv #	27
77) 1,2-Dichlorobenzene	11.953	146	1004	0.072	ppbv	89
78) Hexachloro-1,3-Butadiene	13.889	225	1606	0.116	ppbv	95
79) Naphthalene	13.523	128	495	0.023	ppbv #	65
80) Naphthalene,2-methyl-	14.488	142	18	0.001	ppbv #	15
81) 1,2,4-Trichlorobenzene	13.452	180	21	0.002	ppbv #	13

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

Quant Time: May 07 03:24:05 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

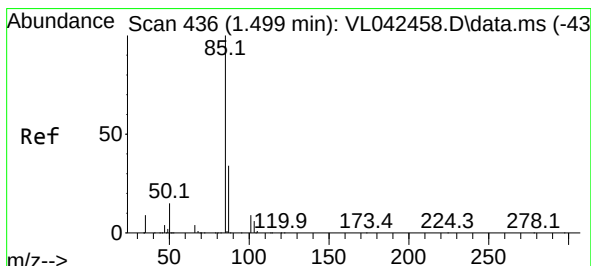
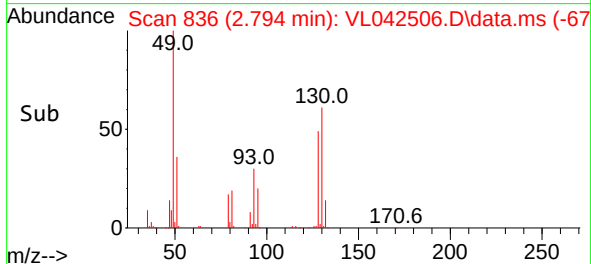
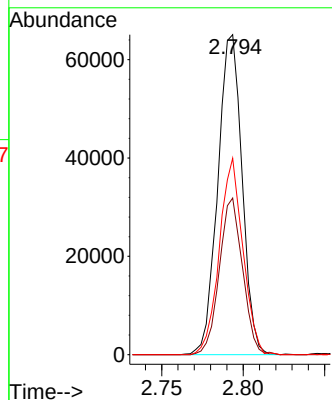
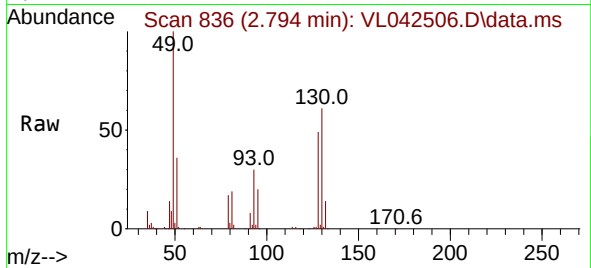




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

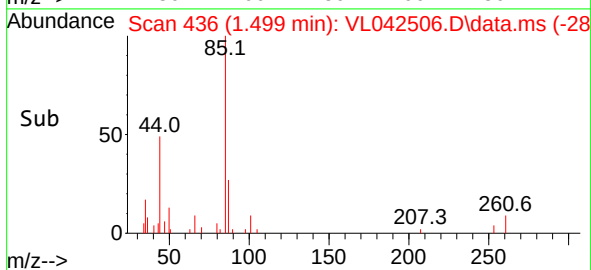
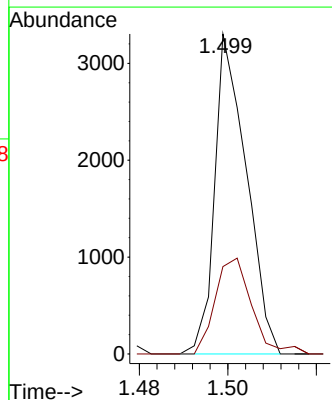
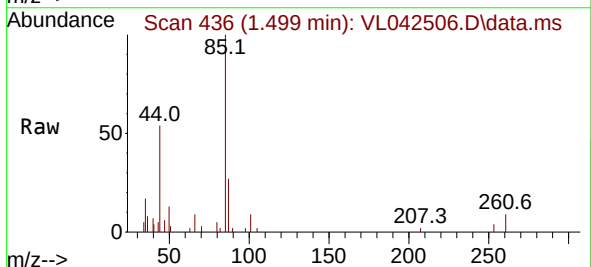
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

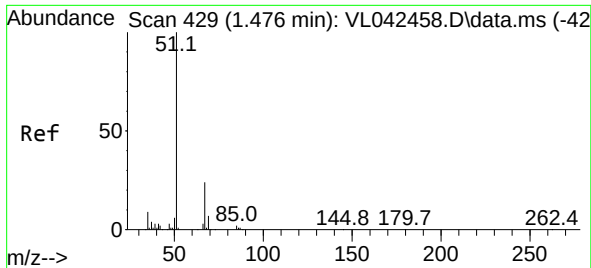
Tgt Ion: 49 Resp: 67306
Ion Ratio Lower Upper
49 100
128 46.8 23.3 69.9
130 59.6 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.147 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 85 Resp: 1640
Ion Ratio Lower Upper
85 100
87 27.3 26.9 40.3

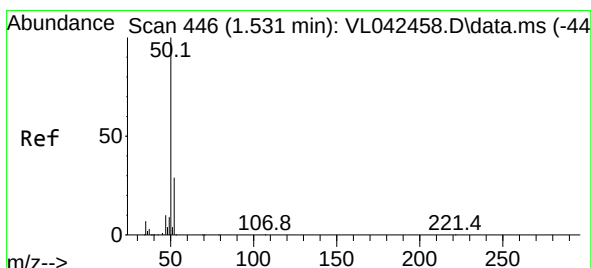
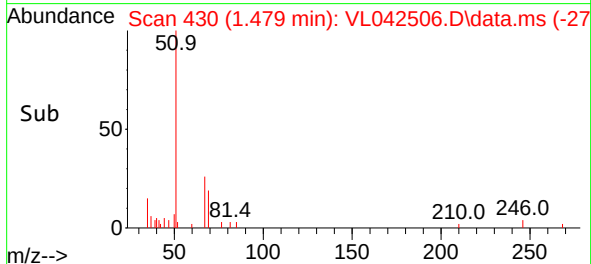
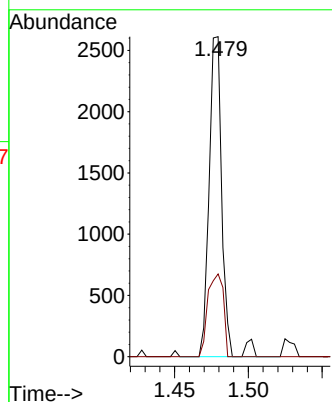
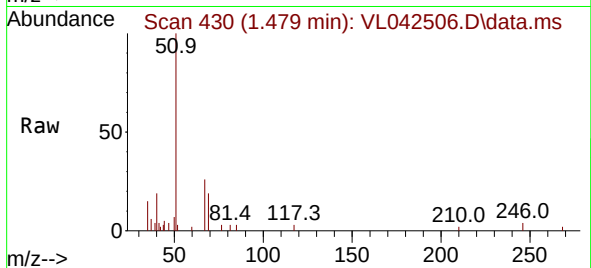




#3
Chlorodifluoromethane
Concen: 0.134 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

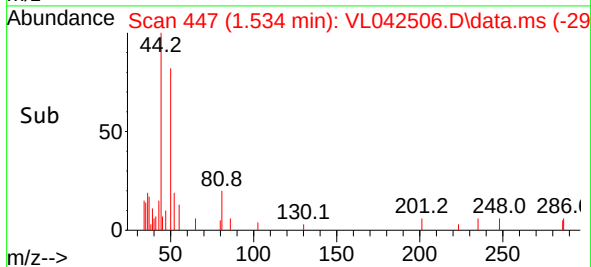
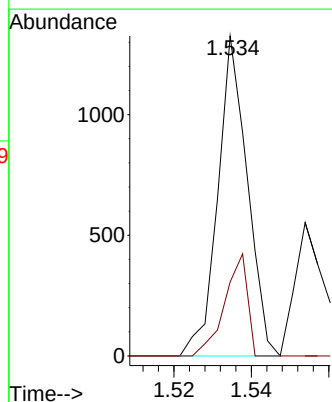
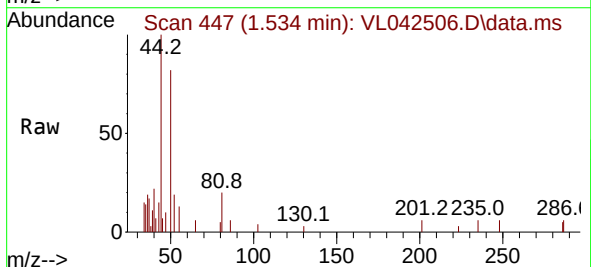
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

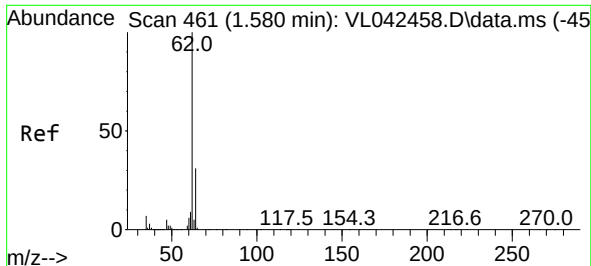
Tgt Ion: 51 Resp: 1573
Ion Ratio Lower Upper
51 100
67 31.3 18.4 27.6#



#4
Chloromethane
Concen: 0.151 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 50 Resp: 702
Ion Ratio Lower Upper
50 100
52 23.1 23.5 35.3#

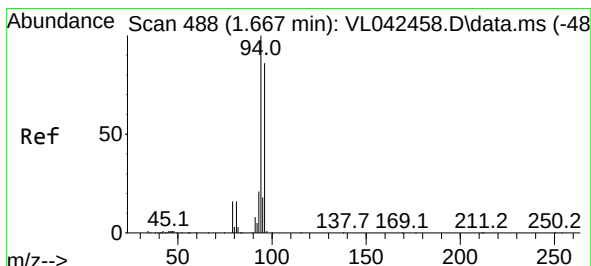
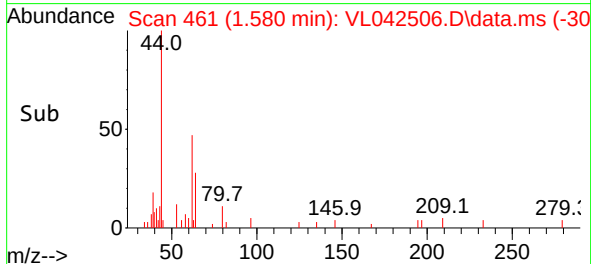
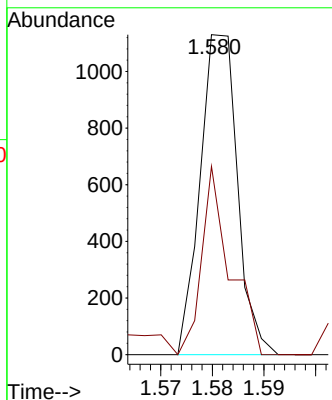
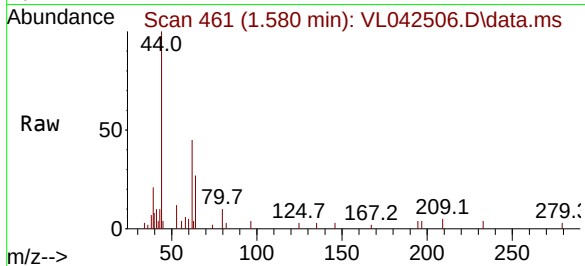




#5
 Vinyl Chloride
 Concen: 0.121 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

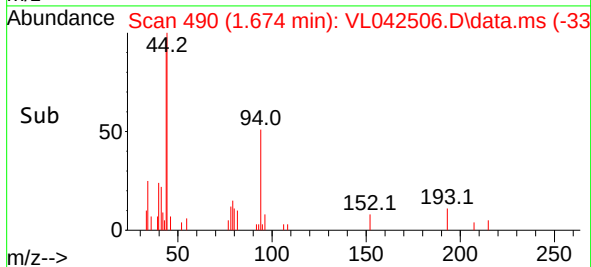
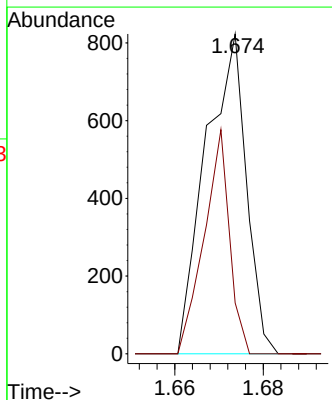
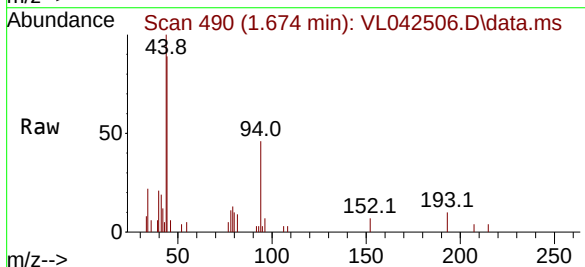
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.1

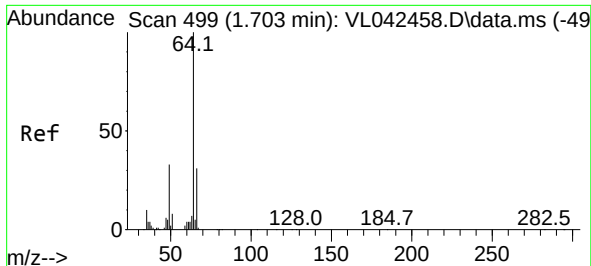
Tgt Ion: 62 Resp: 569
 Ion Ratio Lower Upper
 62 100
 64 53.9 24.9 37.3#



#6
 Bromomethane
 Concen: 0.236 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.007 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion: 94 Resp: 522
 Ion Ratio Lower Upper
 94 100
 96 15.9 68.8 103.2#

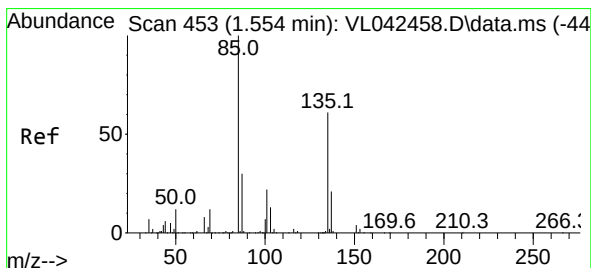
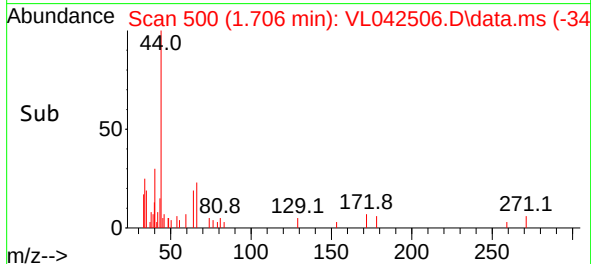
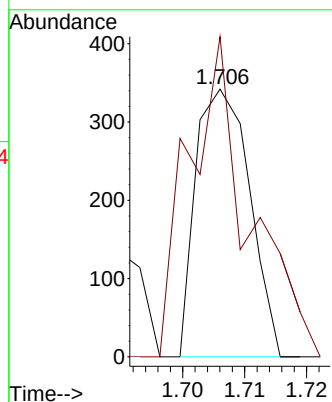
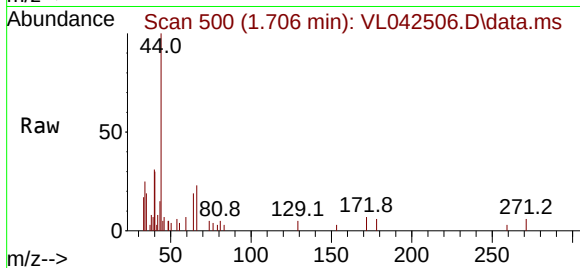




#7
Chloroethane
Concen: 0.120 ppbv
RT: 1.706 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

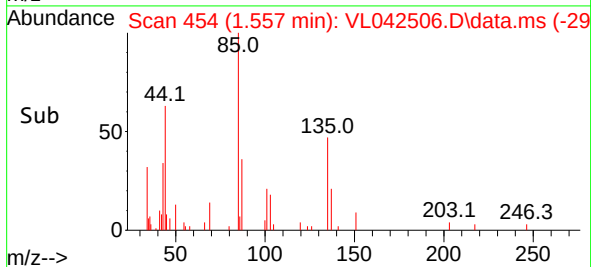
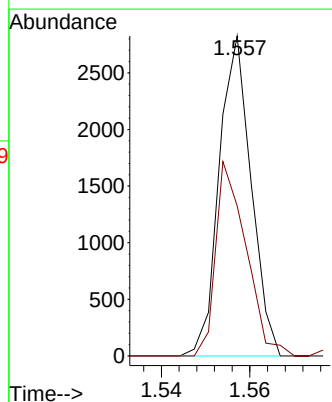
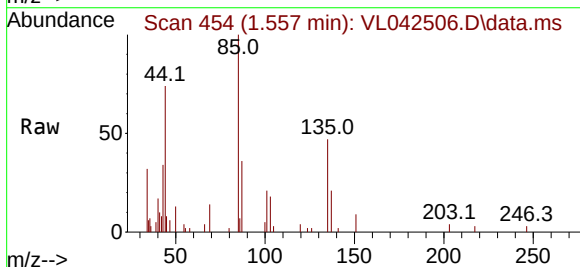
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

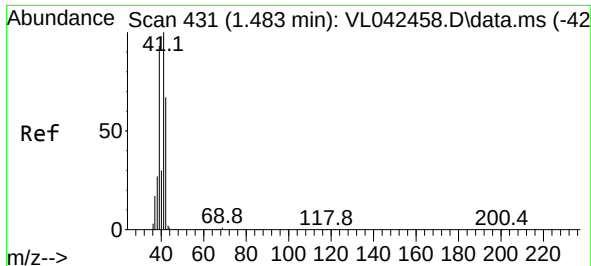
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 119.6 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.154 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 85 Resp: 1417
Ion Ratio Lower Upper
85 100
135 59.4 49.8 74.8





#9

Propene

Concen: 0.227 ppbv

RT: 1.777 min Scan# 51

Delta R.T. 0.295 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_1

ClientSampleId :

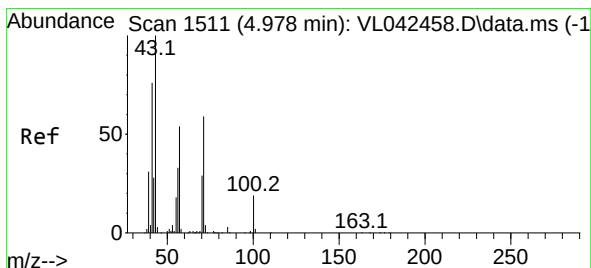
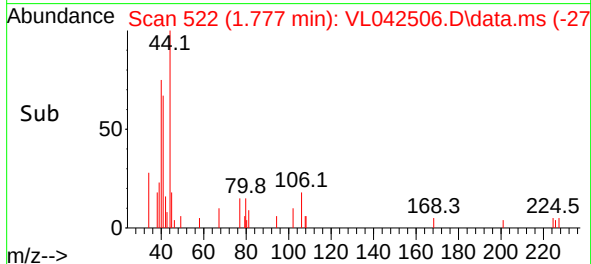
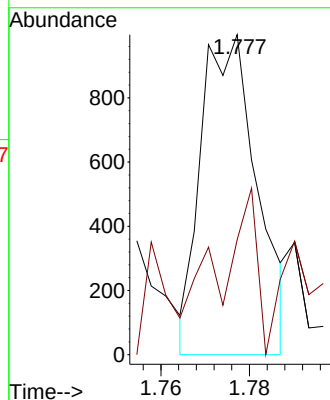
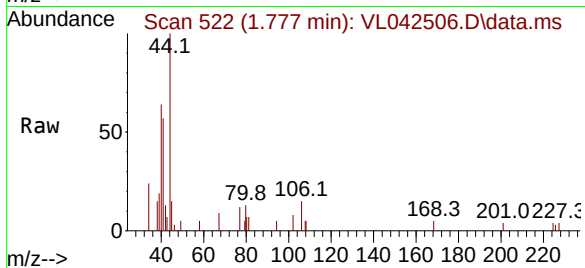
MDL3 0.1

Tgt Ion: 41 Resp: 874

Ion Ratio Lower Upper

41 100

42 59.4 54.3 81.5



#10

Heptane

Concen: 0.033 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042506.D

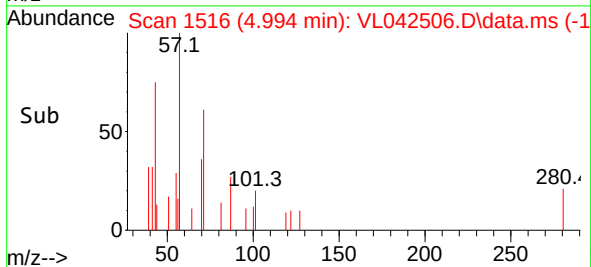
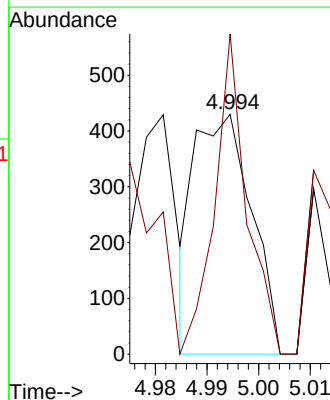
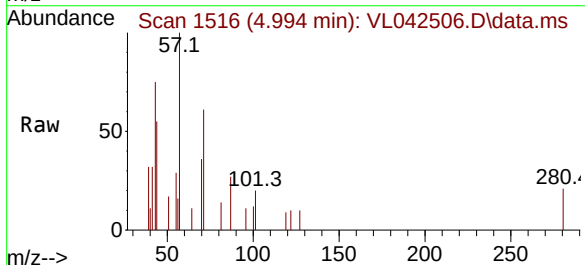
Acq: 06 May 2025 20:13

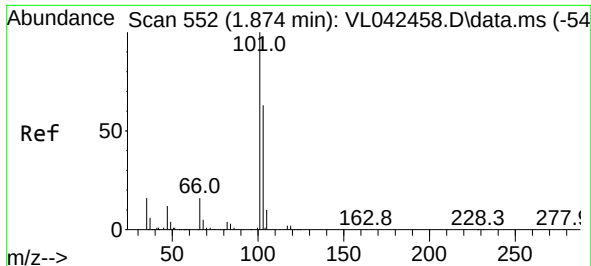
Tgt Ion: 43 Resp: 330

Ion Ratio Lower Upper

43 100

57 164.5 41.8 62.8#

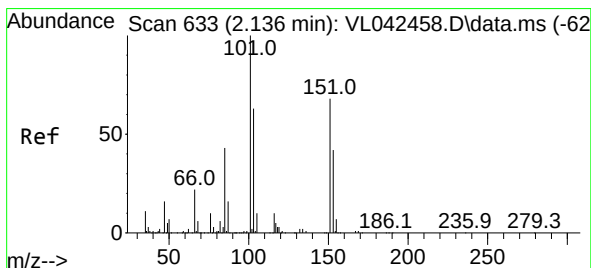
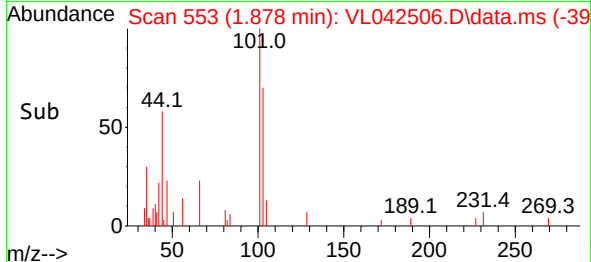
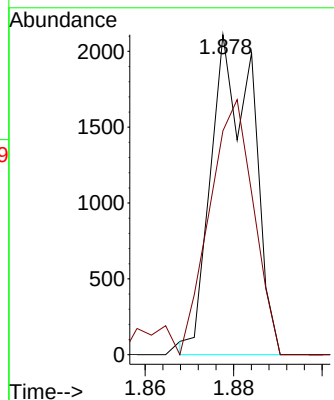
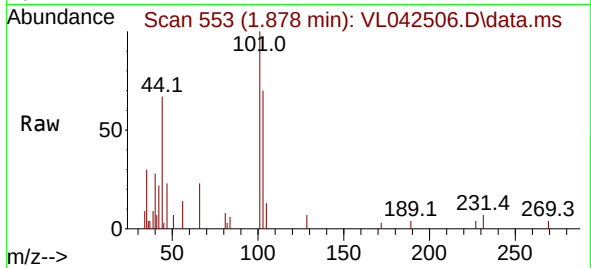




#11
Trichlorofluoromethane
Concen: 0.135 ppbv
RT: 1.878 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

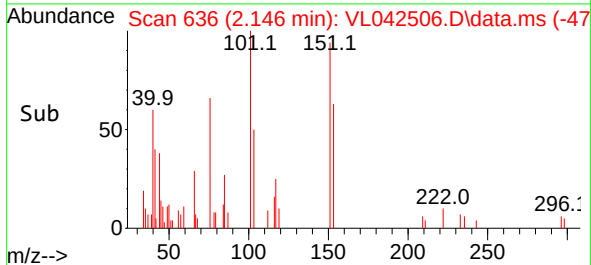
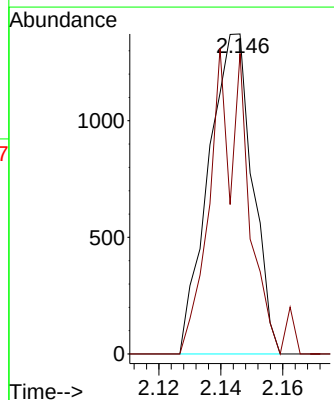
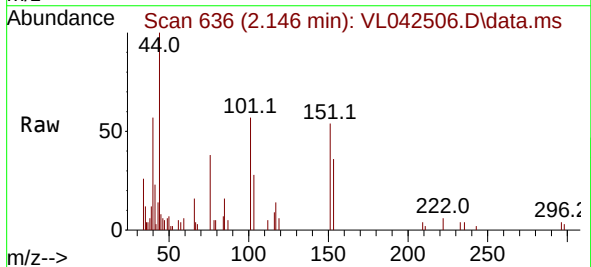
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

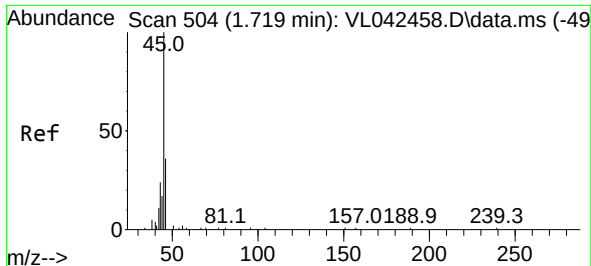
Tgt Ion:101 Resp: 1386
Ion Ratio Lower Upper
101 100
103 70.0 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.165 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:101 Resp: 1354
Ion Ratio Lower Upper
101 100
151 79.6 54.6 82.0

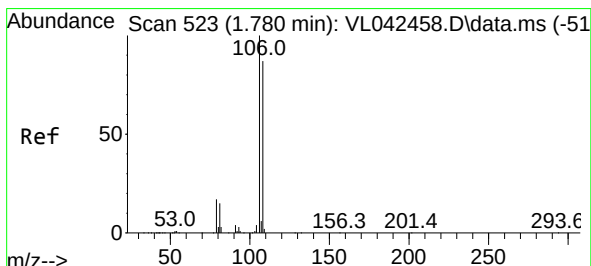
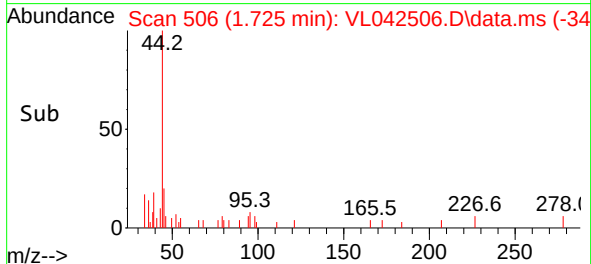
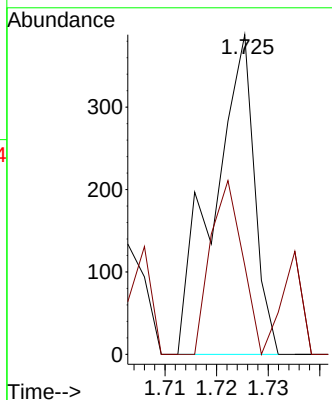
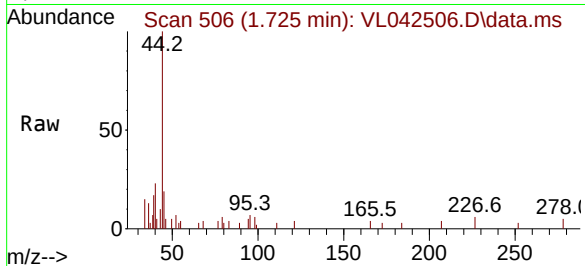




#13
Ethanol
Concen: 0.271 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

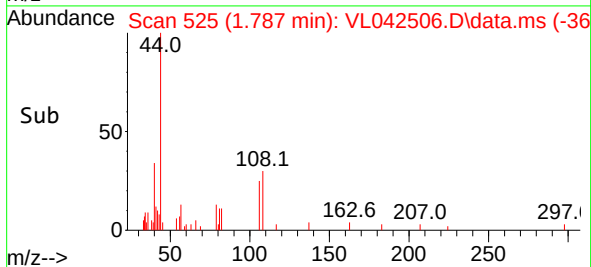
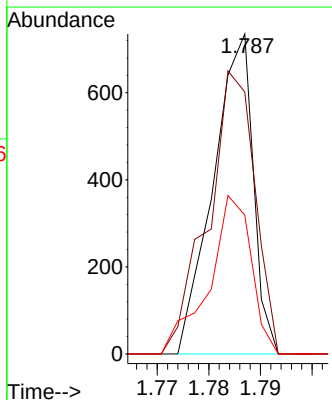
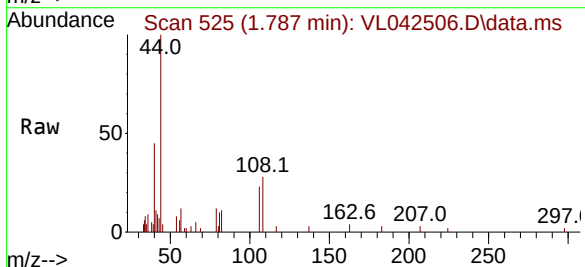
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

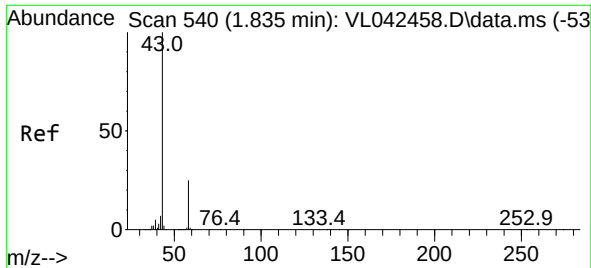
Tgt Ion: 45 Resp: 212
Ion Ratio Lower Upper
45 100
46 83.5 15.3 61.1#



#14
Bromoethene
Concen: 0.130 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 108 Resp: 395
Ion Ratio Lower Upper
108 100
106 103.8 88.8 133.2
79 52.7 17.1 25.7#





#15

Acetone

Concen: 0.230 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

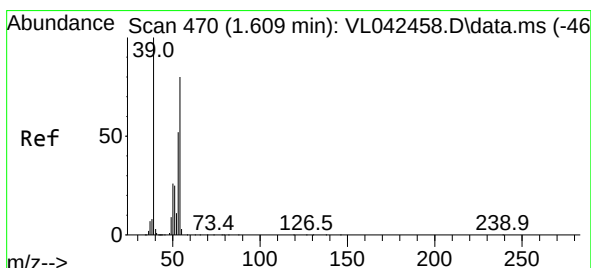
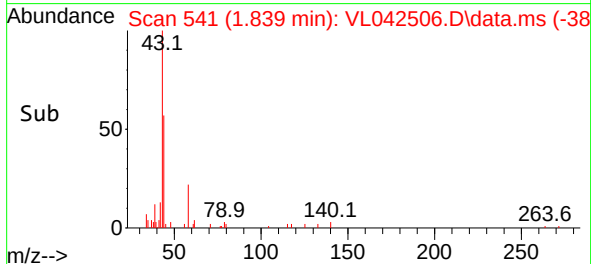
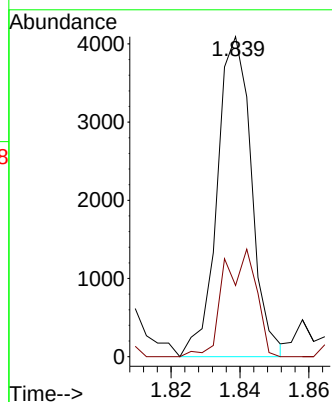
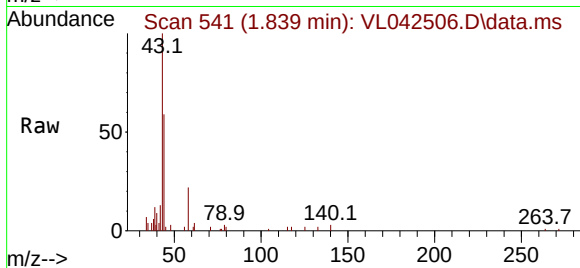
MDL3 0.1

Tgt Ion: 43 Resp: 2828

Ion Ratio Lower Upper

43 100

58 35.3 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.157 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042506.D

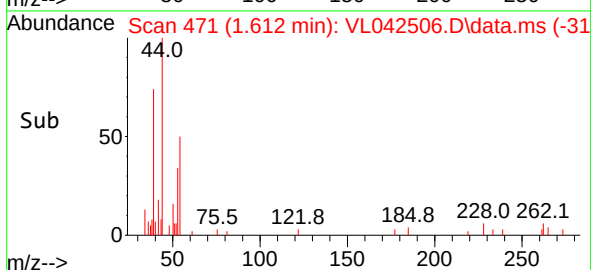
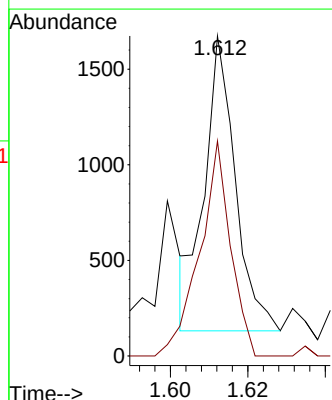
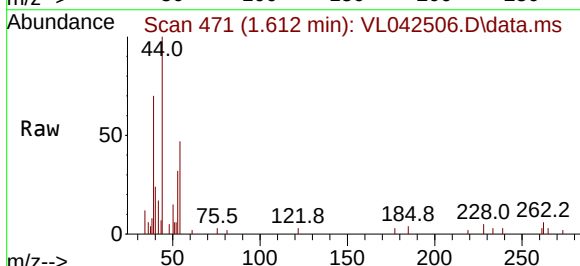
Acq: 06 May 2025 20:13

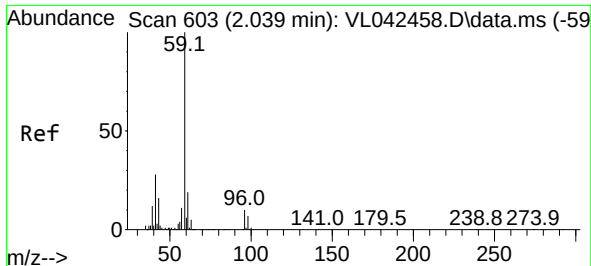
Tgt Ion: 39 Resp: 853

Ion Ratio Lower Upper

39 100

54 73.9 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.149 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

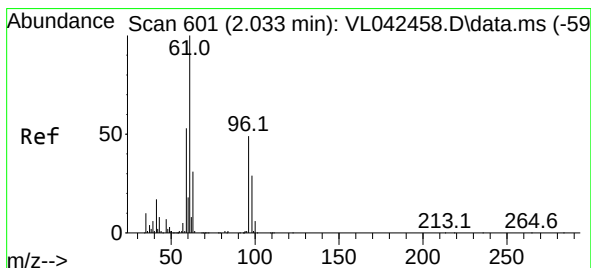
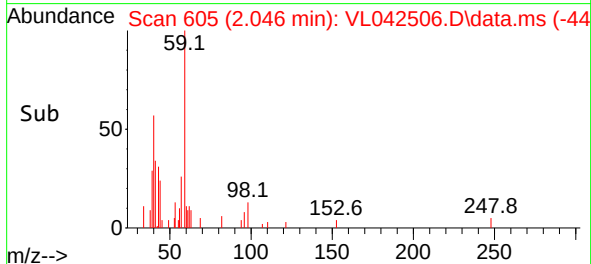
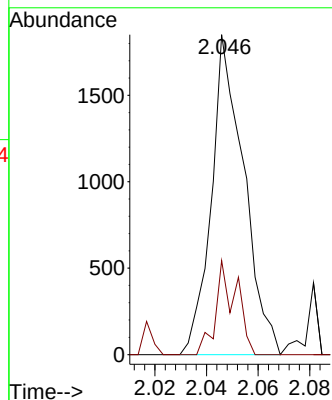
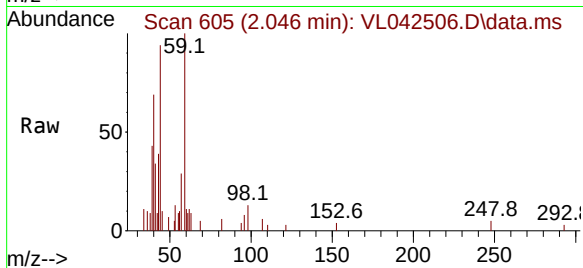
MDL3 0.1

Tgt Ion: 59 Resp: 1618

Ion Ratio Lower Upper

59 100

57 21.8 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.176 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.007 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

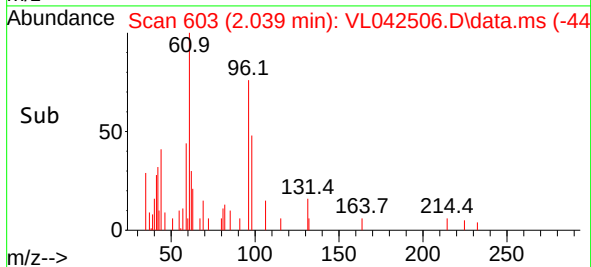
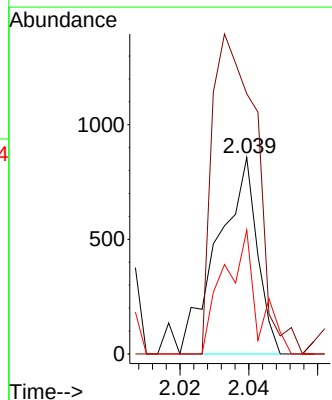
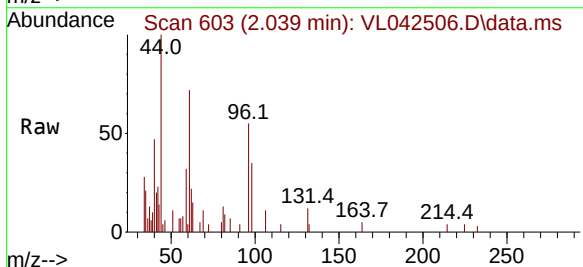
Tgt Ion: 96 Resp: 674

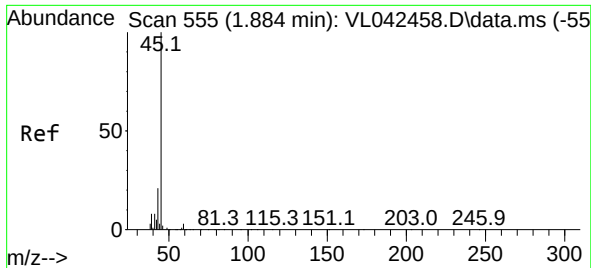
Ion Ratio Lower Upper

96 100

61 132.4 164.9 247.3#

98 63.1 48.2 72.2

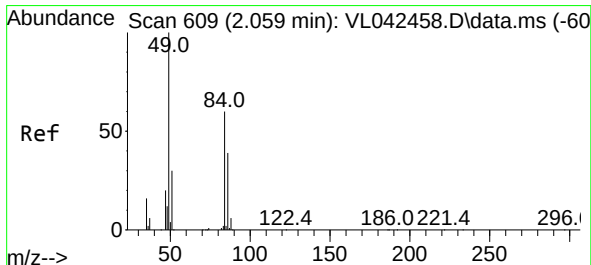
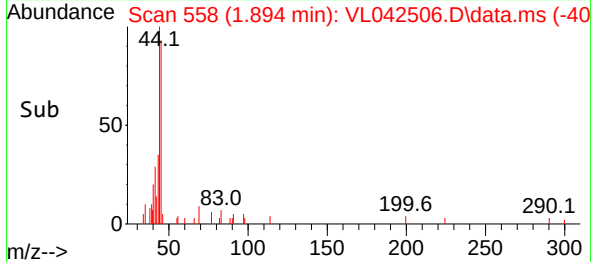
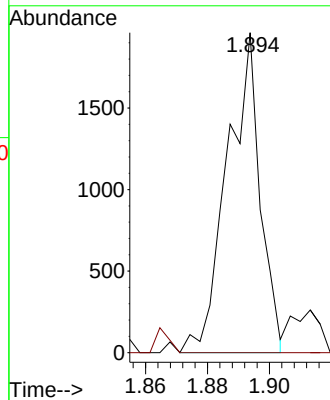
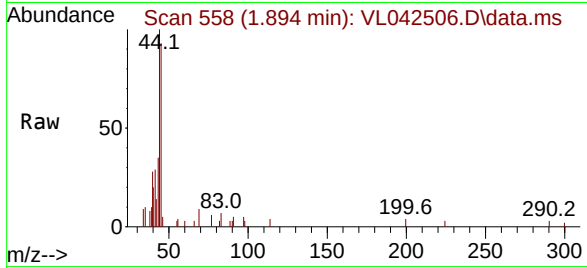




#19
Isopropyl Alcohol
Concen: 0.213 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

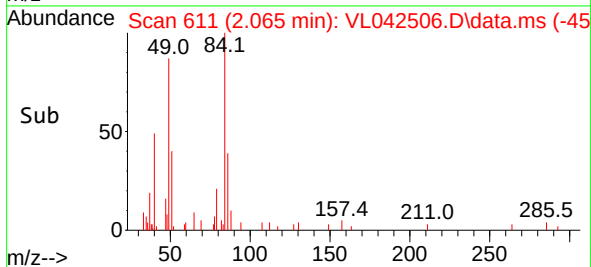
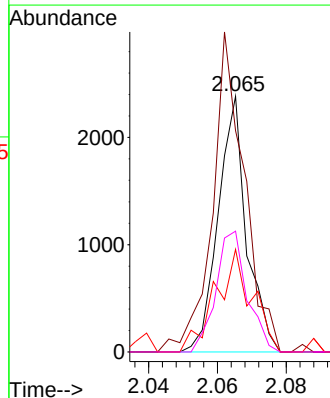
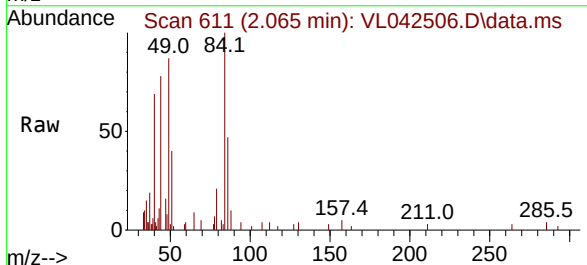
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

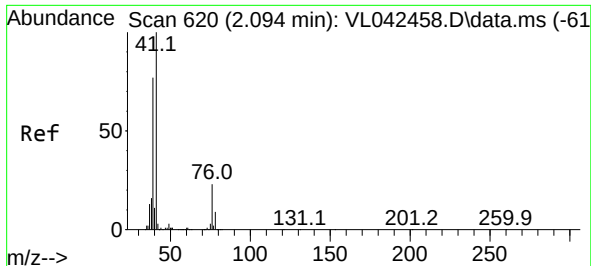
Tgt Ion: 45 Resp: 1446
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4#



#20
Methylene Chloride
Concen: 0.370 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 84 Resp: 1366
Ion Ratio Lower Upper
84 100
49 86.6 133.9 200.9#
51 40.1 41.0 61.6#
86 47.3 51.9 77.9#

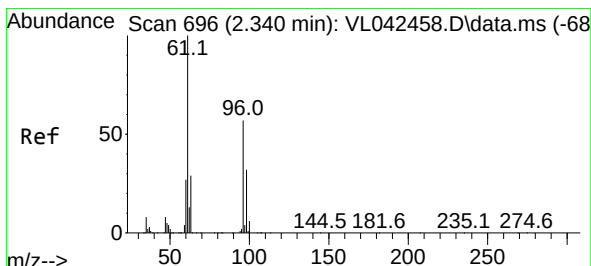
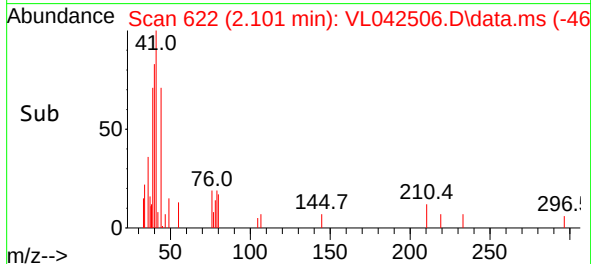
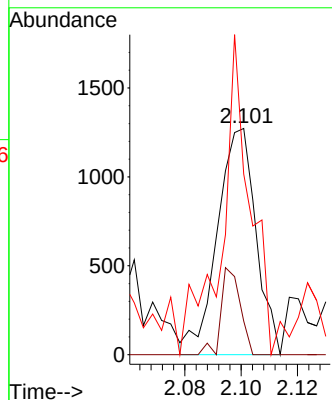
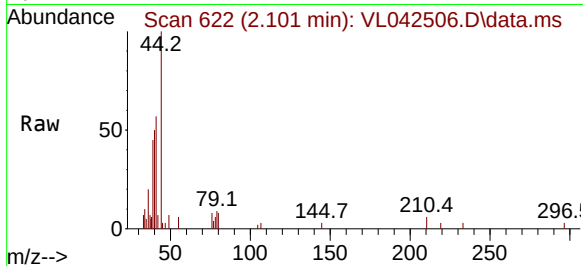




#21
 Allyl Chloride
 Concen: 0.153 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

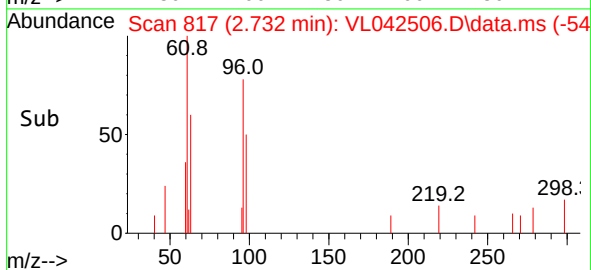
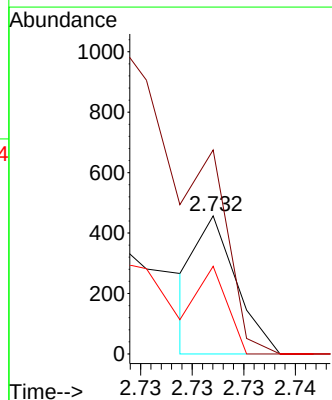
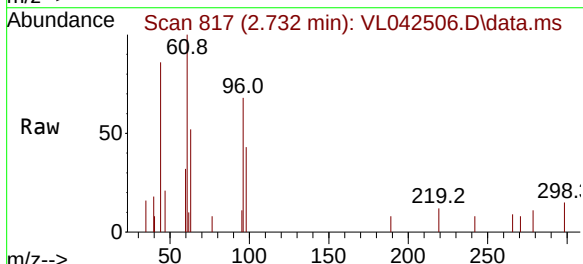
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1

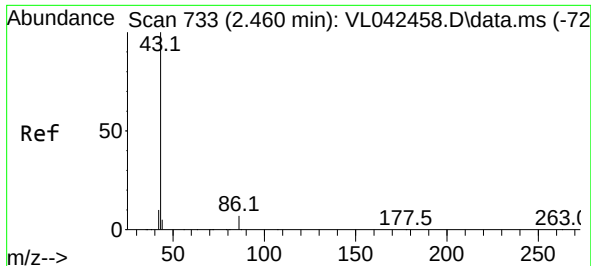
Tgt Ion: 41 Resp: 1211
 Ion Ratio Lower Upper
 41 100
 76 19.0 19.6 29.4#
 39 123.0 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.026 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. 0.392 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion: 96 Resp: 117
 Ion Ratio Lower Upper
 96 100
 61 162.6 141.8 212.6
 98 63.5 45.0 67.6

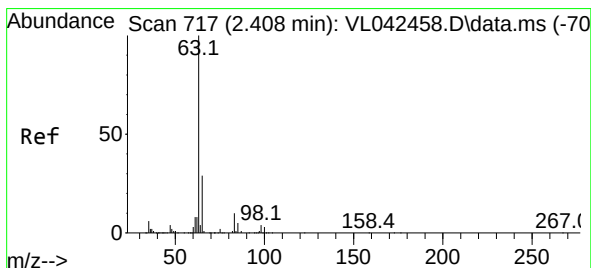
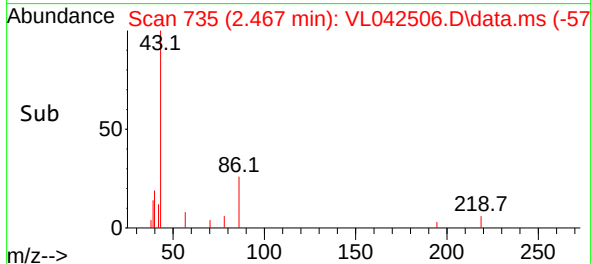
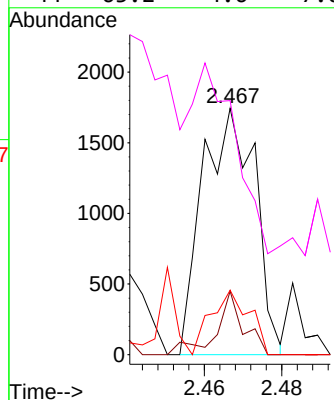
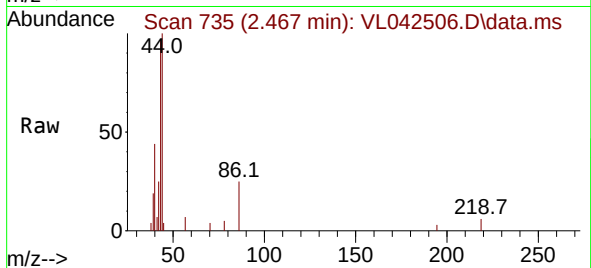




#23
 Vinyl Acetate
 Concen: 0.140 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

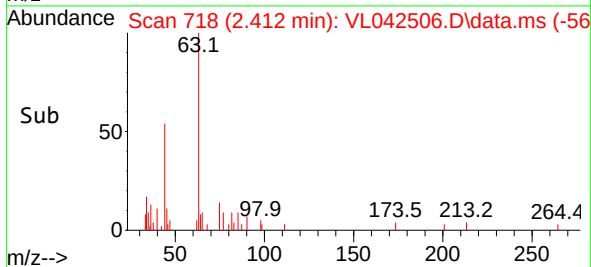
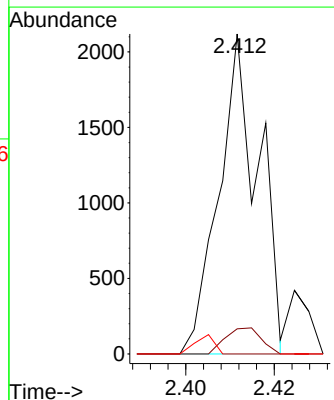
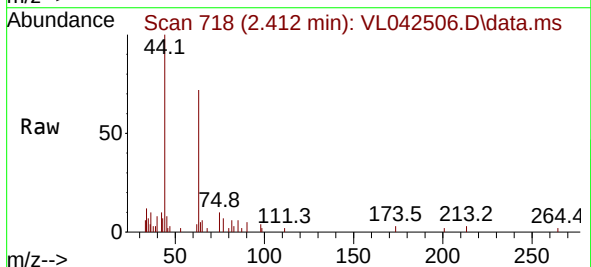
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.1

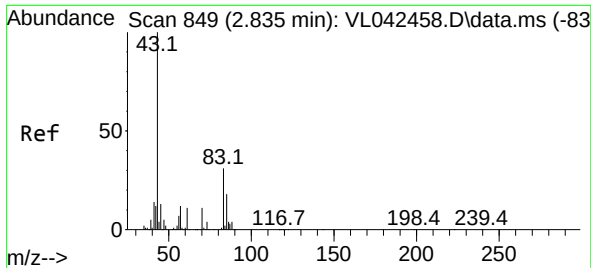
Tgt Ion:	43	Resp:	1639
Ion	Ratio	Lower	Upper
43	100		
86	25.8	5.5	8.3#
42	26.1	8.3	12.5#
44	63.2	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.145 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion:	63	Resp:	1320
Ion	Ratio	Lower	Upper
63	100		
98	7.8	1.8	5.5#
100	0.0	1.4	4.2#

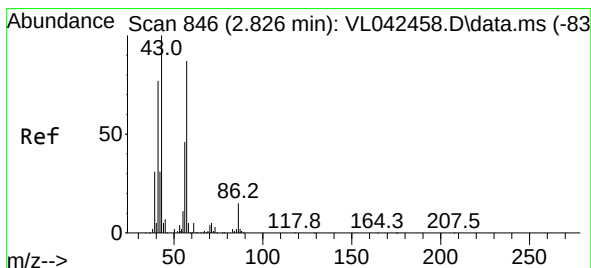
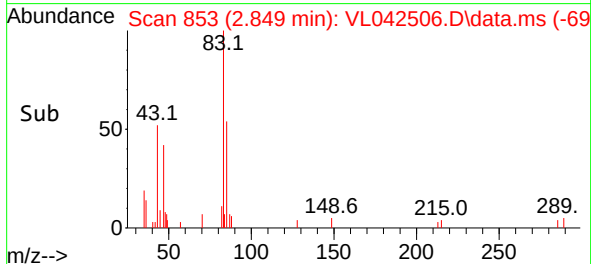
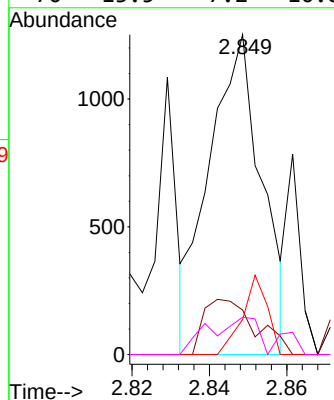
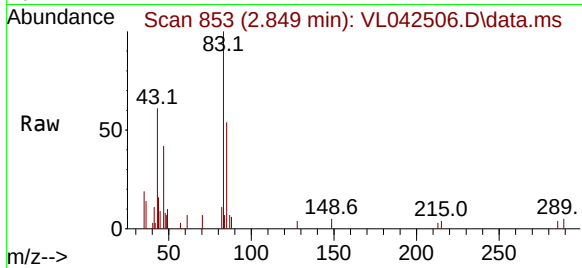




#25
Ethyl Acetate
Concen: 0.060 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

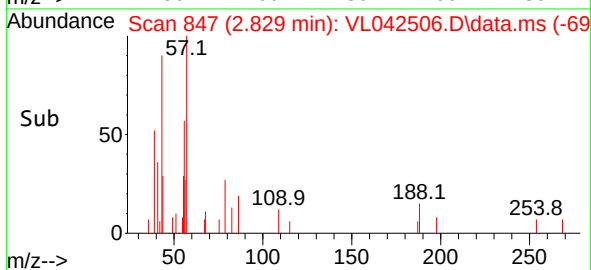
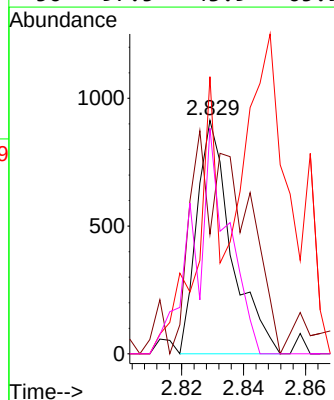
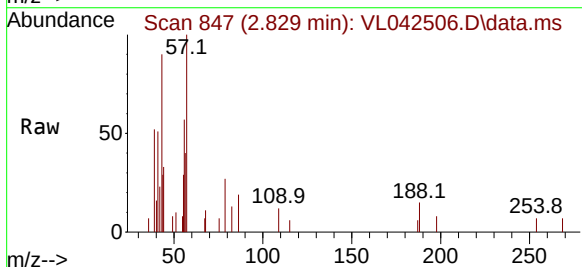
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

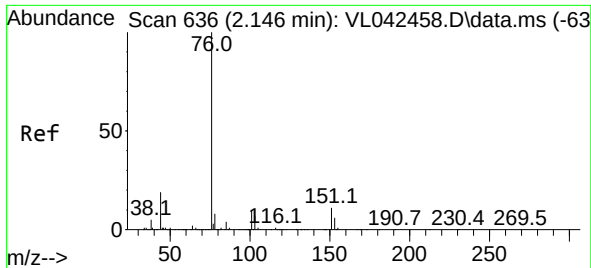
Tgt Ion: 43	Resp: 1181
Ion Ratio	Lower Upper
43 100	
45 20.8	7.8 11.6#
61 11.6	7.2 10.8#
70 13.5	7.2 10.8#



#26
Hexane
Concen: 0.082 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 57	Resp: 707
Ion Ratio	Lower Upper
57 100	
41 188.0	77.8 116.8#
43 280.1	187.0 280.6
56 97.5	43.9 65.9#

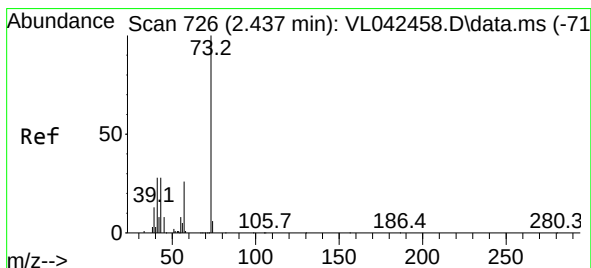
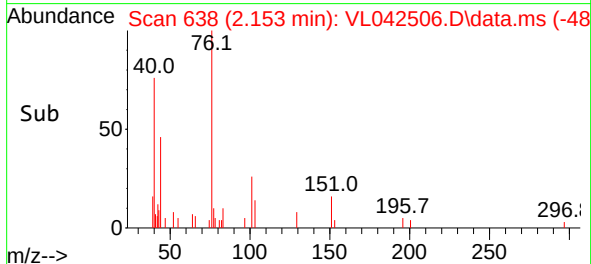
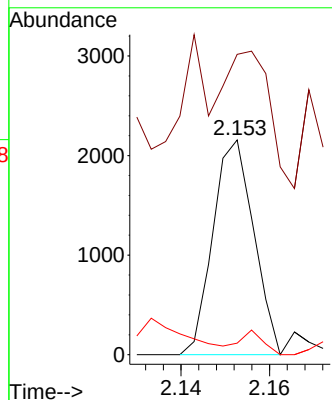
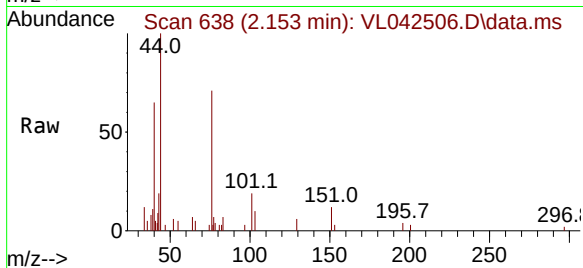




#27
Carbon Disulfide
Concen: 0.138 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

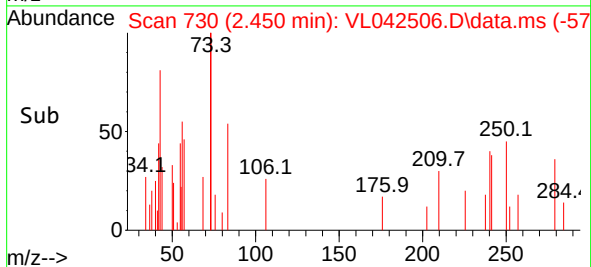
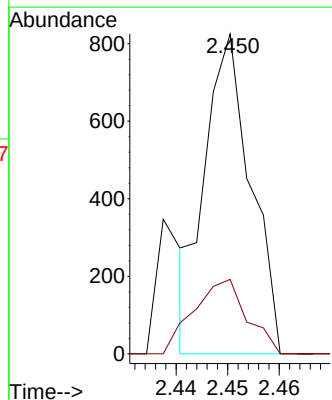
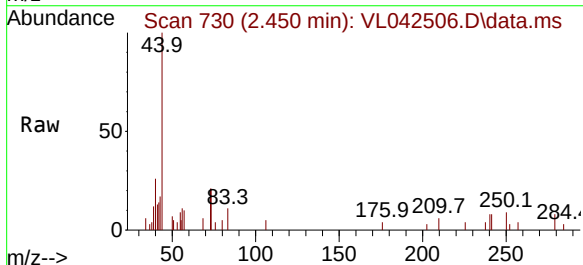
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

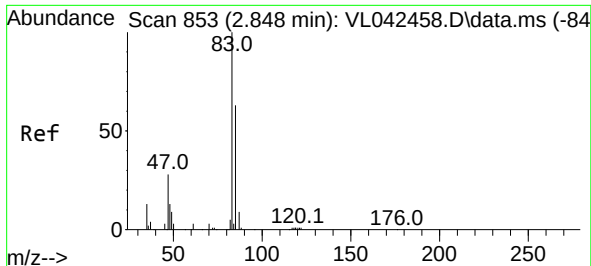
Tgt Ion: 76 Resp: 1379
Ion Ratio Lower Upper
76 100
44 214.6 21.0 31.6#
78 37.7 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.098 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 73 Resp: 505
Ion Ratio Lower Upper
73 100
57 27.3 19.9 29.9





#29

Chloroform

Concen: 0.003 ppbv

RT: 2.438 min Scan# 71

Delta R.T. -0.411 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

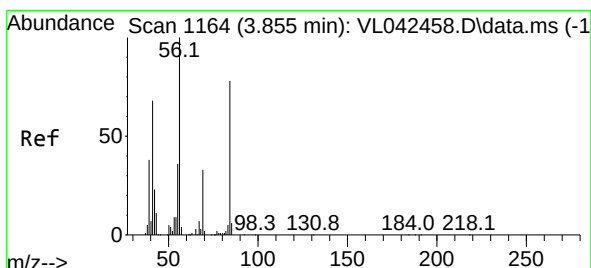
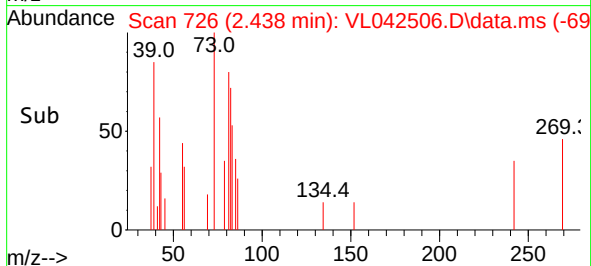
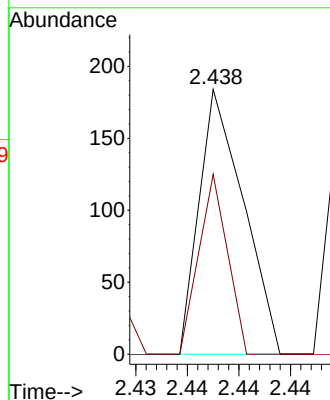
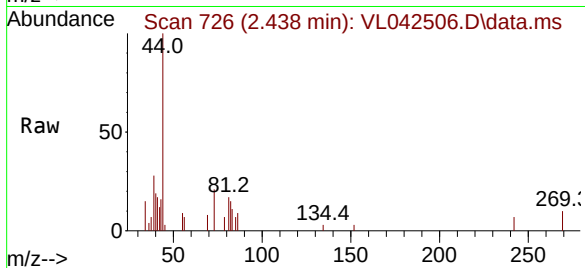
MDL3 0.1

Tgt Ion: 83 Resp: 55

Ion Ratio Lower Upper

83 100

85 67.9 50.4 75.6



#30

Cyclohexane

Concen: 0.029 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

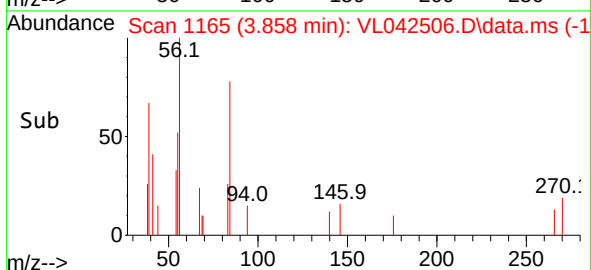
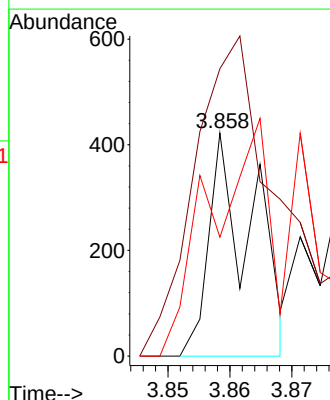
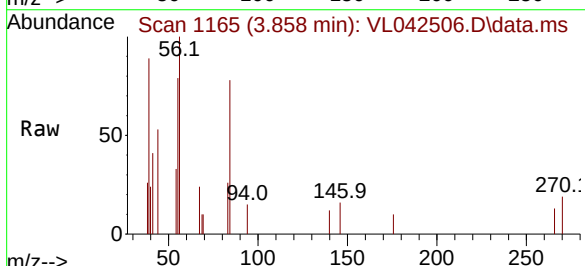
Tgt Ion: 84 Resp: 207

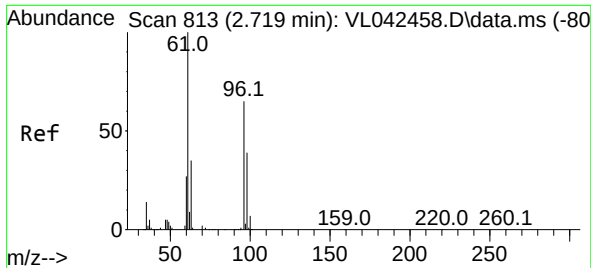
Ion Ratio Lower Upper

84 100

56 304.8 98.1 147.1#

41 211.1 65.8 98.8#

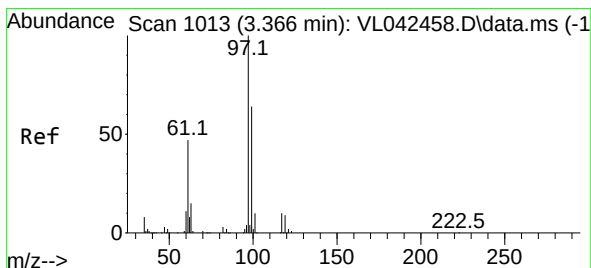
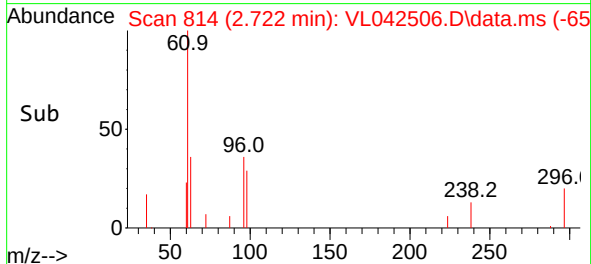
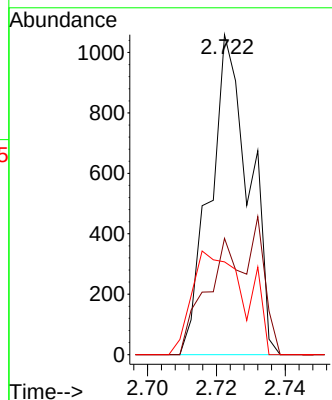
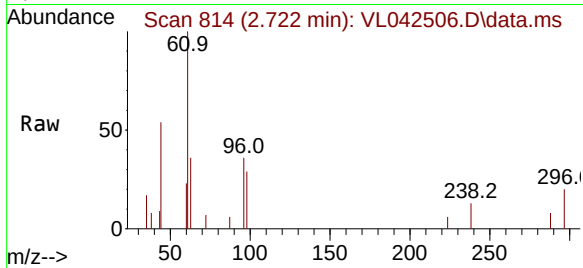




#31
 cis-1,2-Dichloroethene
 Concen: 0.084 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

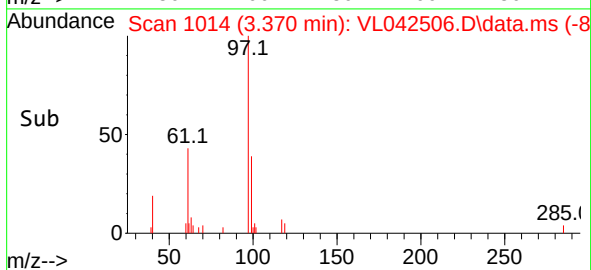
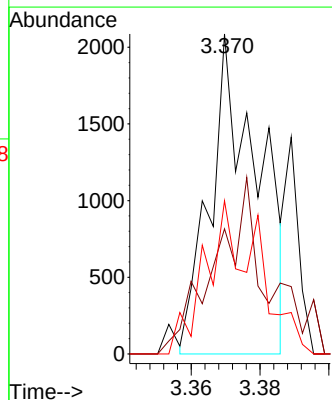
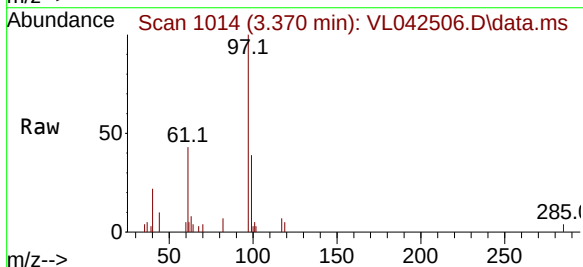
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.1

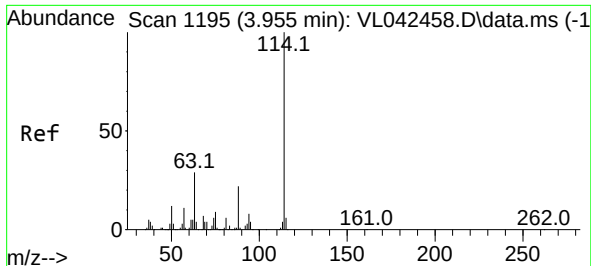
Tgt Ion: 61 Resp: 836
 Ion Ratio Lower Upper
 61 100
 96 36.4 52.0 78.0#
 98 29.0 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.117 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion: 97 Resp: 2030
 Ion Ratio Lower Upper
 97 100
 99 60.4 50.7 76.1
 61 51.5 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1

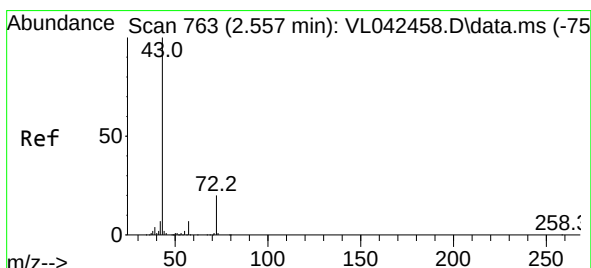
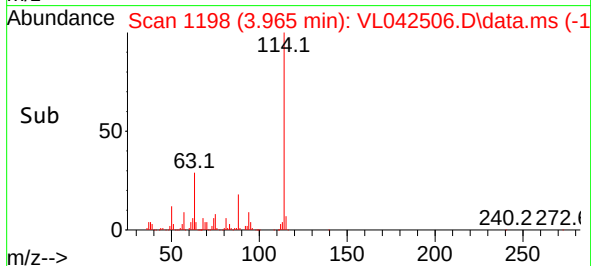
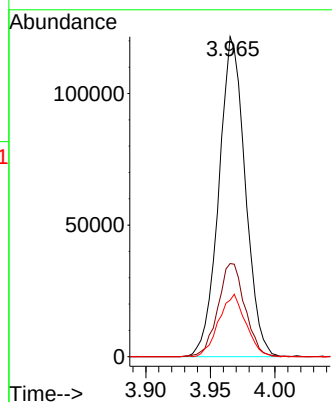
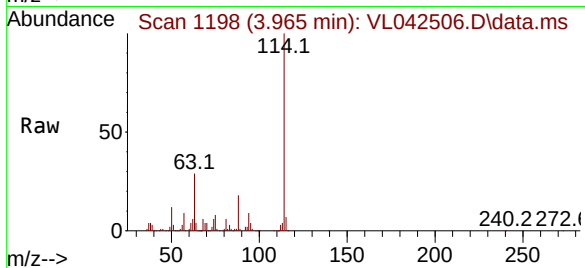
Tgt Ion:114 Resp: 172903

Ion Ratio Lower Upper

114 100

63 29.9 23.1 34.7

88 20.0 16.1 24.1



#34

2-Butanone

Concen: 0.123 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.013 min

Lab File: VL042506.D

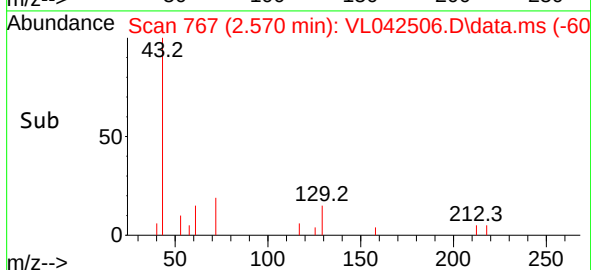
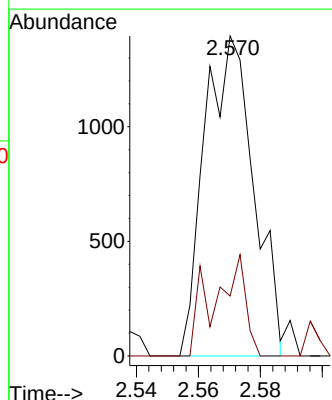
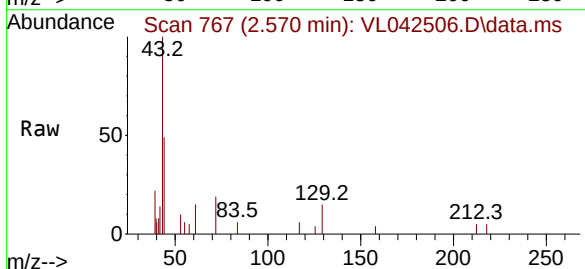
Acq: 06 May 2025 20:13

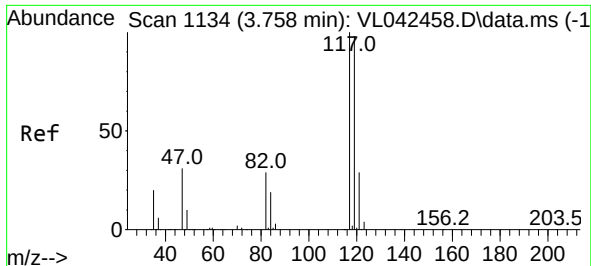
Tgt Ion: 43 Resp: 1542

Ion Ratio Lower Upper

43 100

72 20.6 16.7 25.1

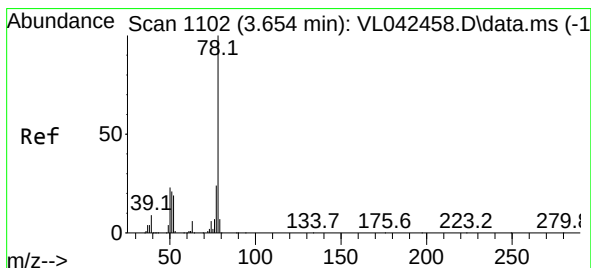
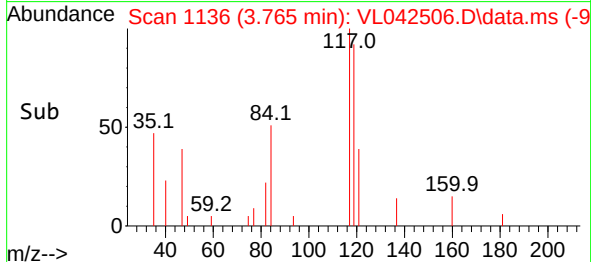
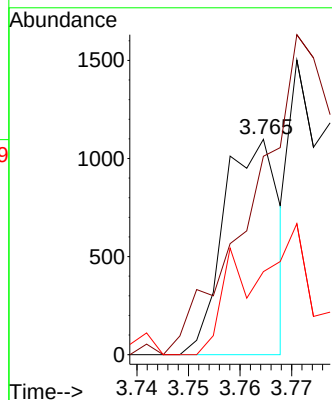
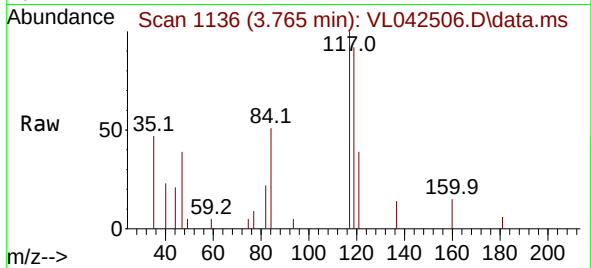




#35
Carbon Tetrachloride
Concen: 0.052 ppbv
RT: 3.765 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

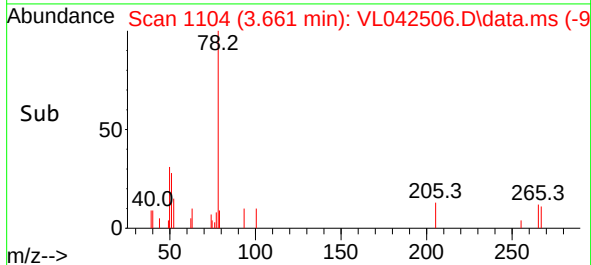
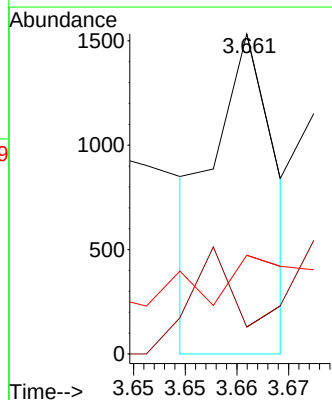
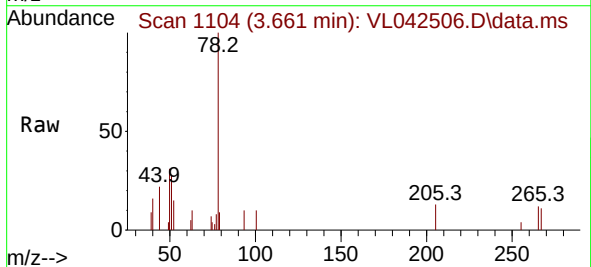
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

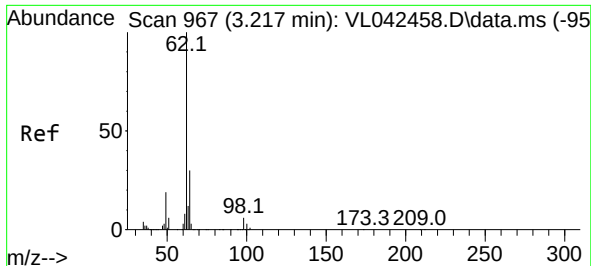
Tgt Ion:117 Resp: 818
Ion Ratio Lower Upper
117 100
119 83.4 78.1 117.1
121 38.5 23.0 34.6#



#36
Benzene
Concen: 0.039 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 78 Resp: 632
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#
50 11.0 18.4 27.6#





#37

1,2-Dichloroethane

Concen: 0.076 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_1

ClientSampleId :

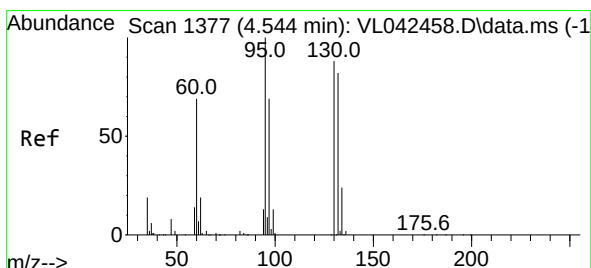
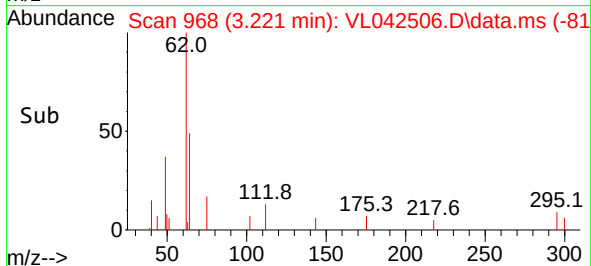
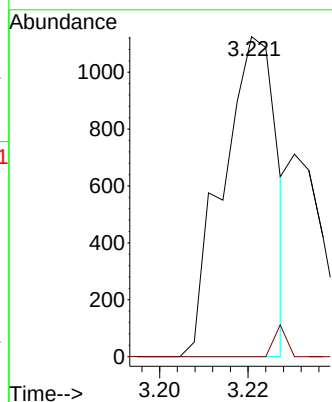
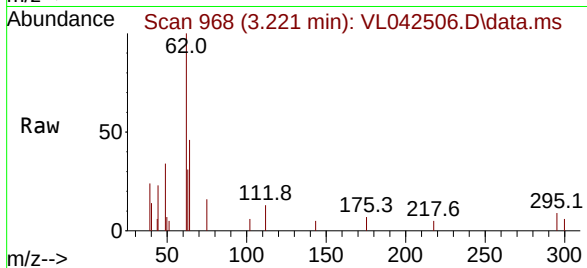
MDL3 0.1

Tgt Ion: 62 Resp: 955

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.079 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.016 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Tgt Ion:130 Resp: 492

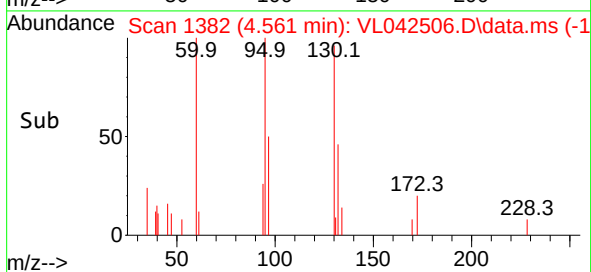
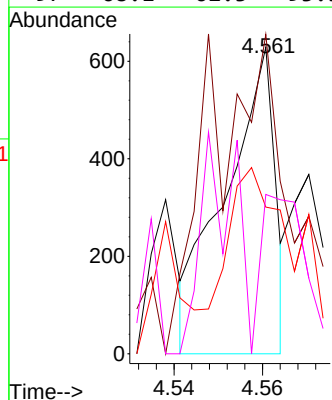
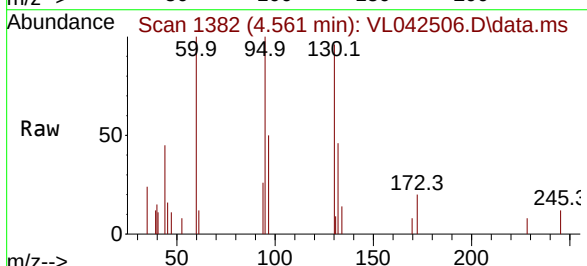
Ion Ratio Lower Upper

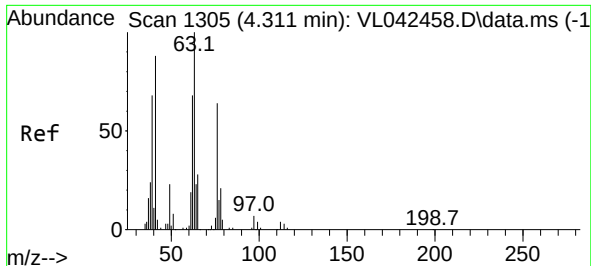
130 100

95 102.3 91.0 136.4

132 38.7 74.2 111.4#

97 68.1 62.3 93.5





#39

1,2-Dichloropropane

Concen: 8.464 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.346 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1

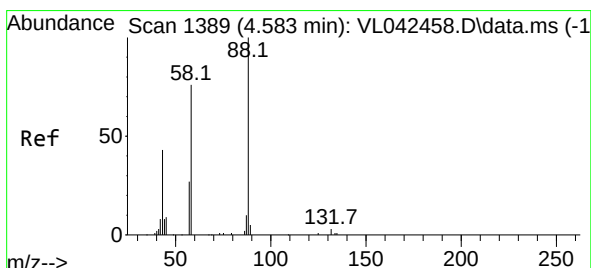
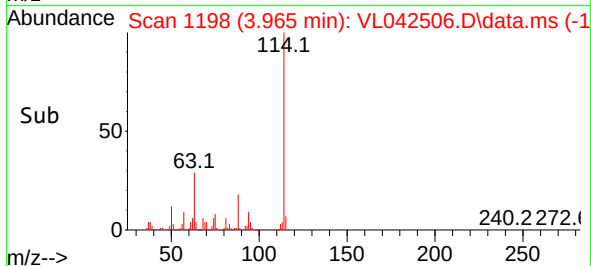
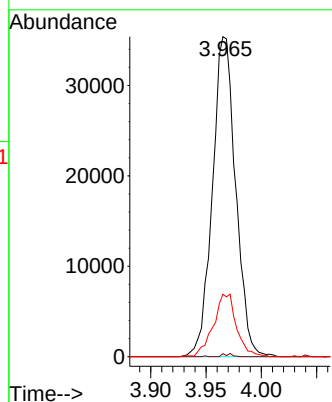
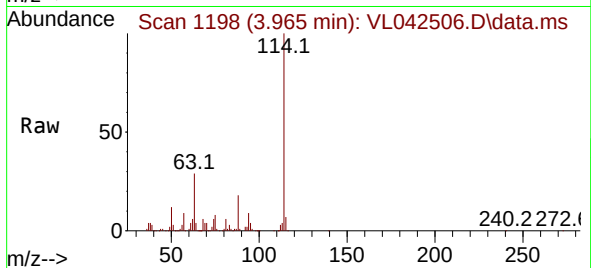
Tgt Ion: 63 Resp: 51700

Ion Ratio Lower Upper

63 100

41 1.0 69.8 104.6#

62 19.5 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.029 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Tgt Ion: 88 Resp: 26

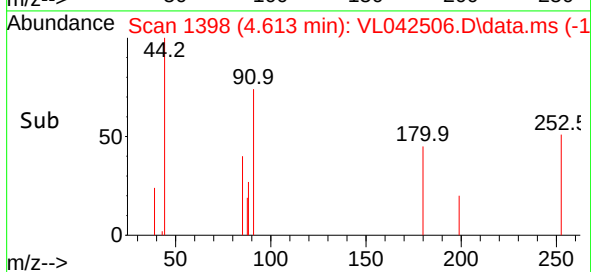
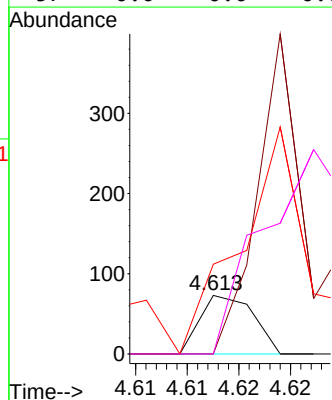
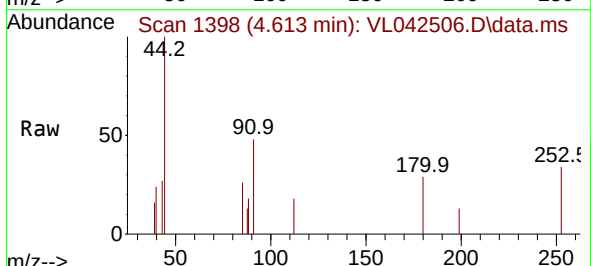
Ion Ratio Lower Upper

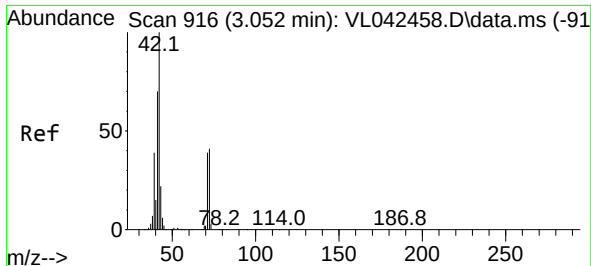
88 100

58 788.5 0.0 0.0#

43 1080.8 0.0 0.0#

57 0.0 0.0 0.0

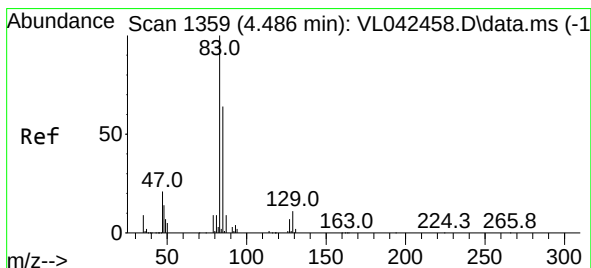
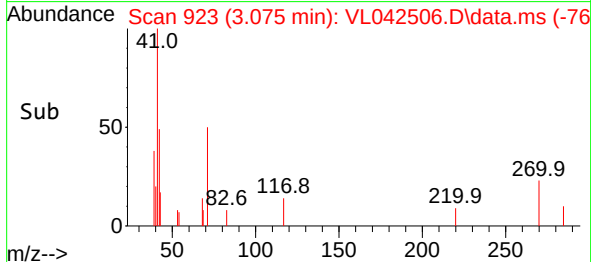
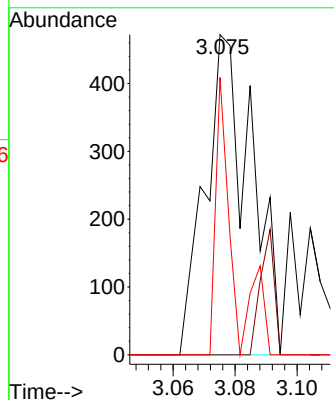
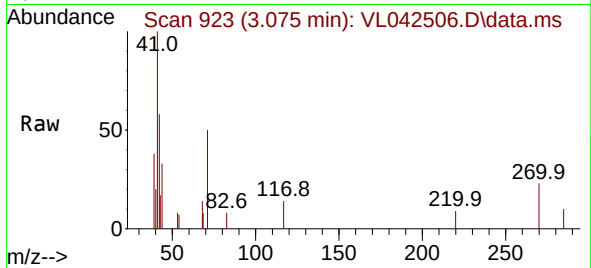




#41
Tetrahydrofuran
Concen: 0.082 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.023 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

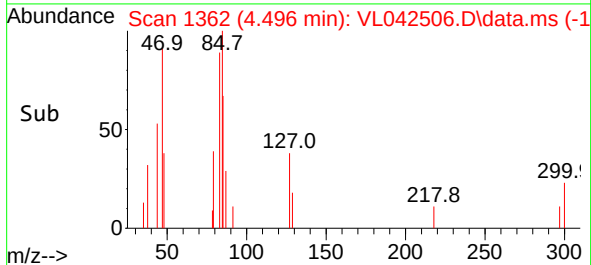
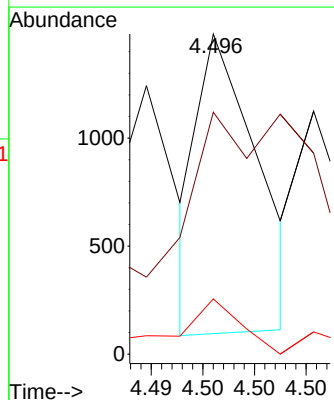
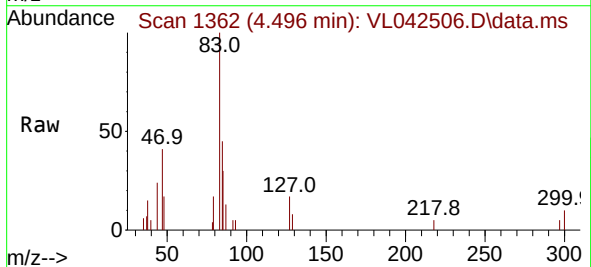
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

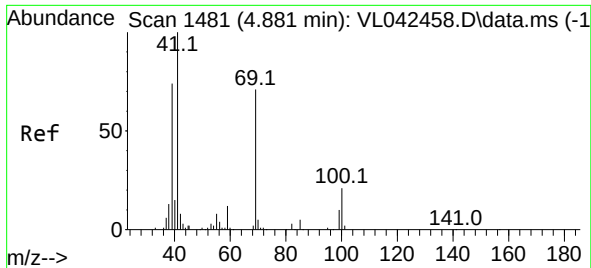
Tgt Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.036 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 83 Resp: 554
Ion Ratio Lower Upper
83 100
85 67.0 51.5 77.3
127 29.4 5.4 8.2#

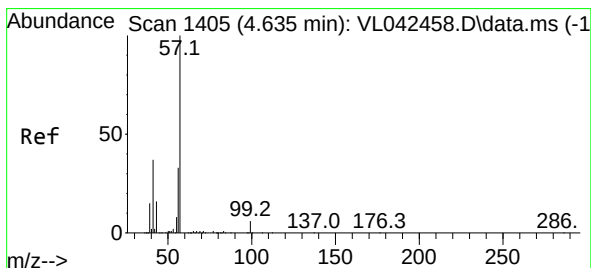
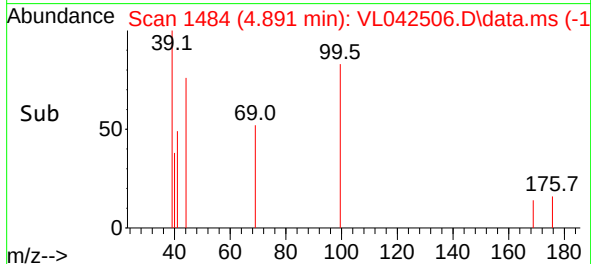
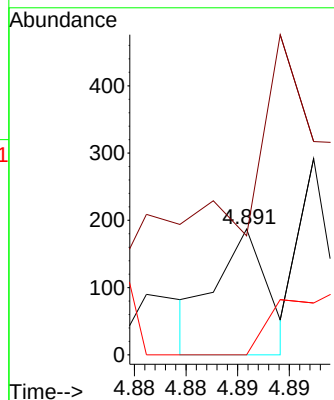
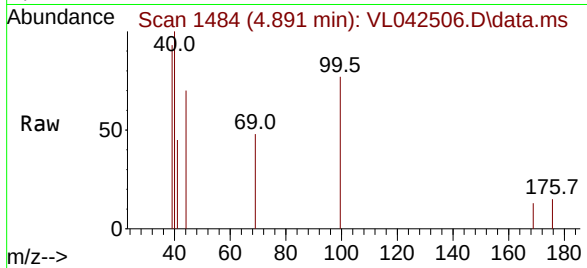




#43
Methyl Methacrylate
Concen: 0.011 ppbv
RT: 4.891 min Scan# 1481
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

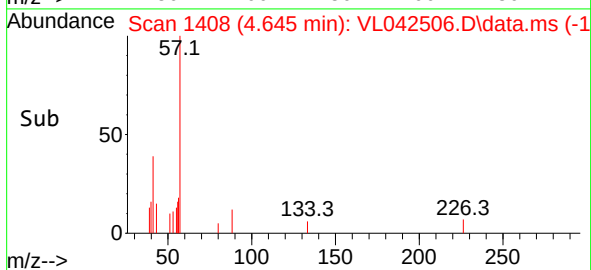
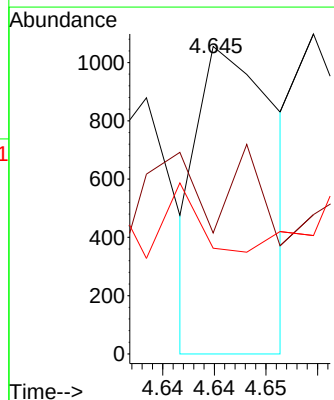
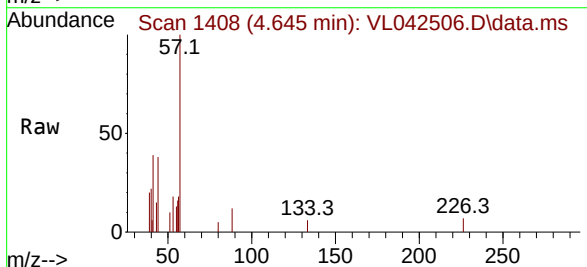
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

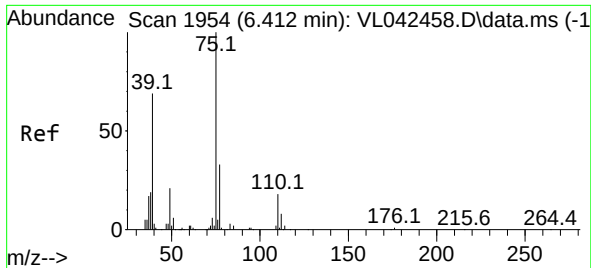
Tgt Ion: 69 Resp: 65
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.021 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 57 Resp: 553
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#

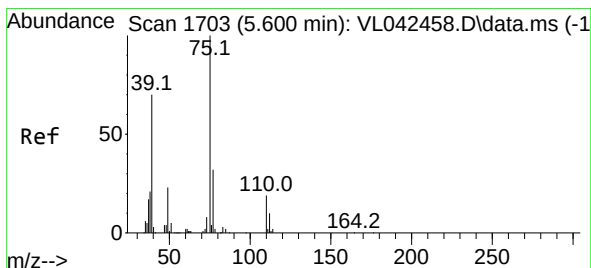
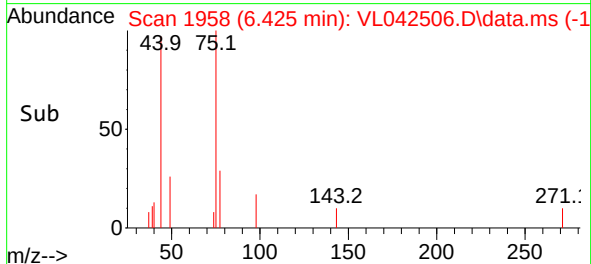
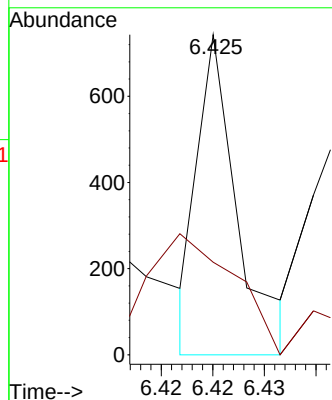
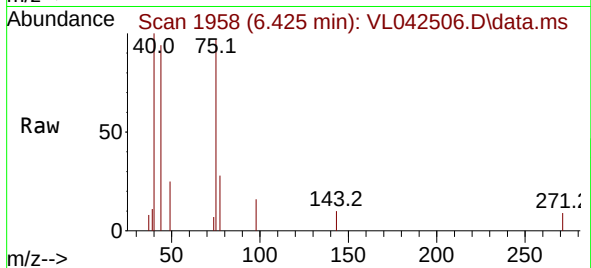




#45
 t-1,3-Dichloropropene
 Concen: 0.025 ppbv
 RT: 6.425 min Scan# 1954
 Delta R.T. 0.013 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

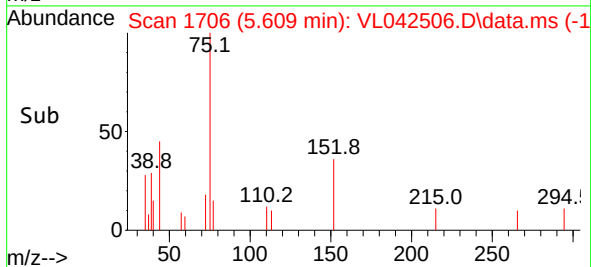
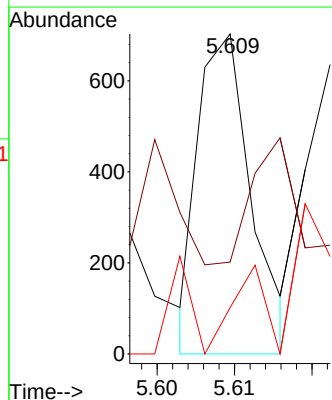
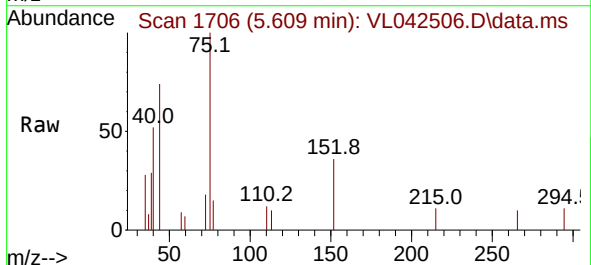
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.1

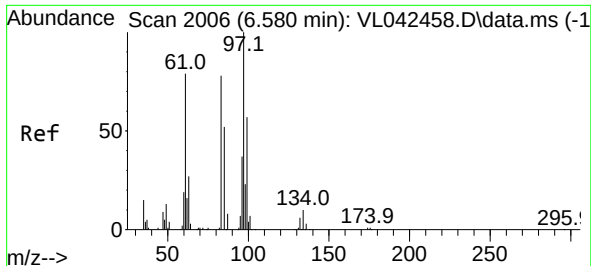
Tgt Ion: 75 Resp: 199
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.035 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. 0.010 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion: 75 Resp: 336
 Ion Ratio Lower Upper
 75 100
 39 0.0 55.7 83.5#
 77 17.0 25.8 38.8#

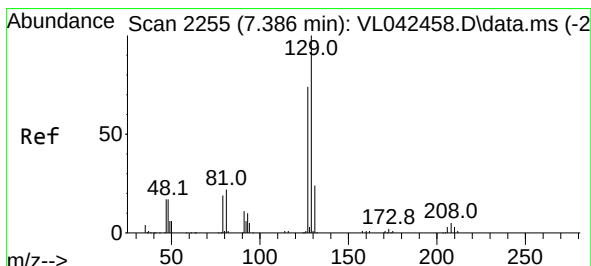
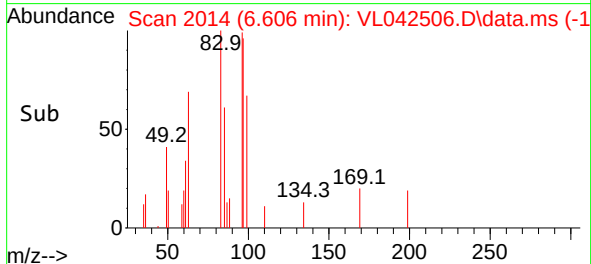
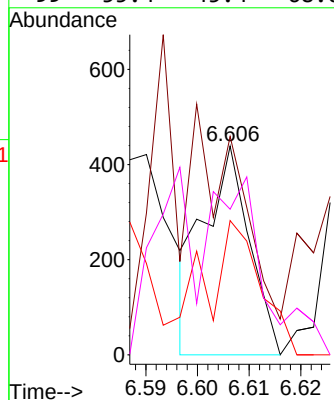
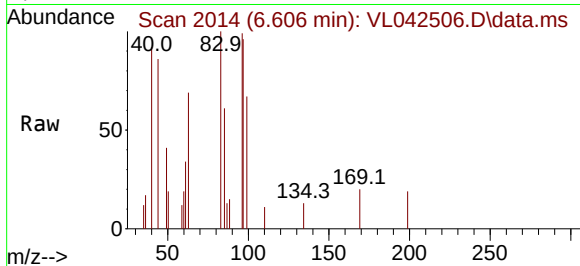




#47
1,1,2-Trichloroethane
Concen: 0.040 ppbv
RT: 6.606 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

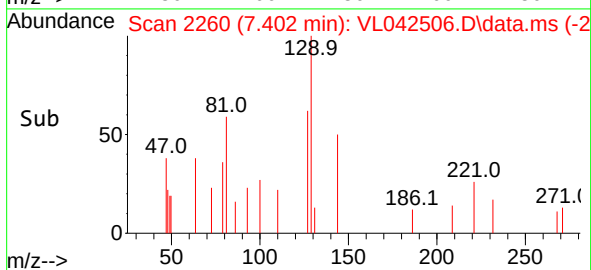
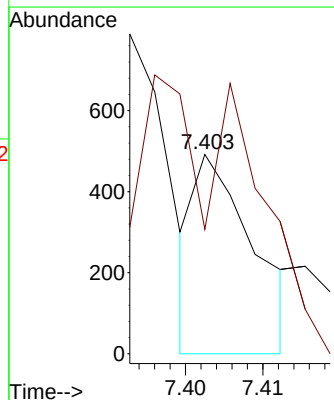
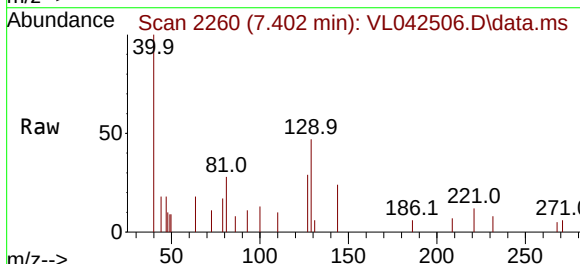
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

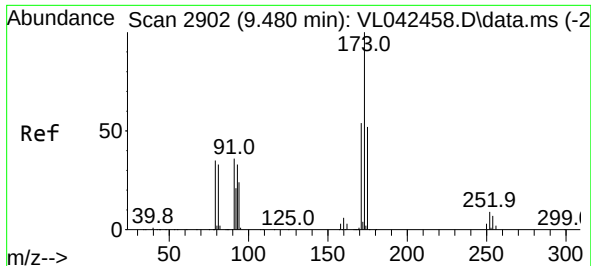
Tgt Ion:	97	Resp:	268
Ion	Ratio	Lower	Upper
97	100		
83	87.5	62.2	93.2
85	46.2	41.5	62.3
99	55.4	45.4	68.0



#48
Dibromochloromethane
Concen: 0.023 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. 0.016 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:	129	Resp:	260
Ion	Ratio	Lower	Upper
129	100		
127	381.9	39.5	118.5#





#49

Bromoform

Concen: 0.018 ppbv

RT: 9.506 min Scan# 2902

Delta R.T. 0.026 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1

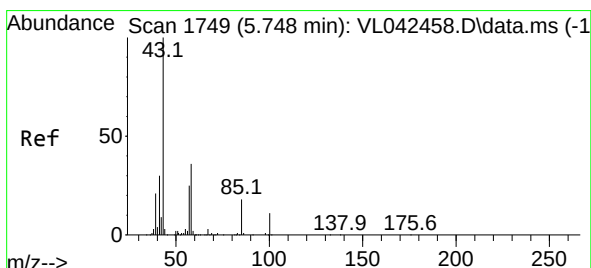
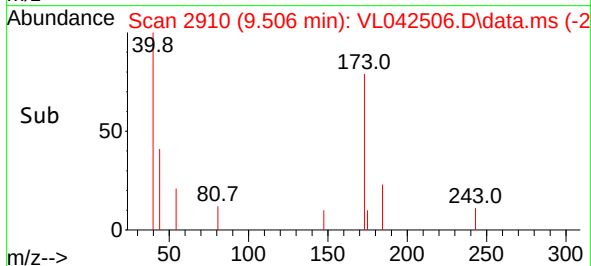
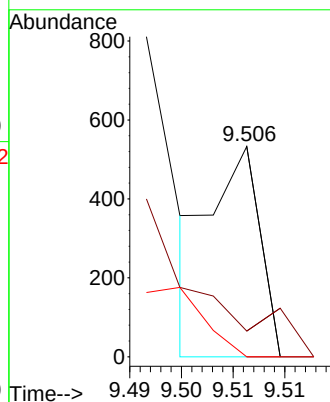
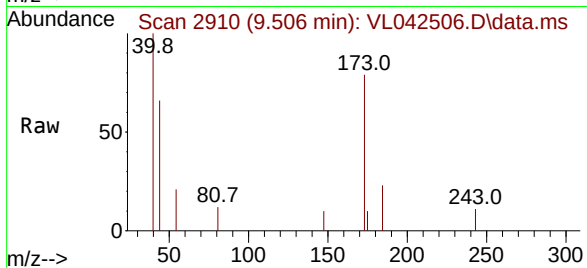
Tgt Ion:173 Resp: 173

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 5.768 min Scan# 1755

Delta R.T. 0.020 min

Lab File: VL042506.D

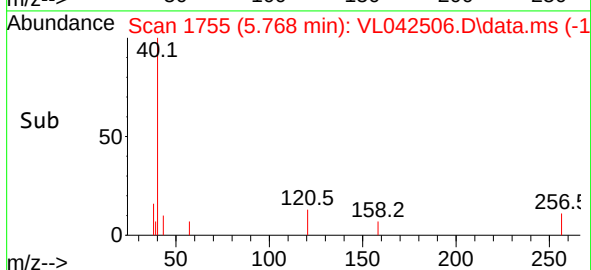
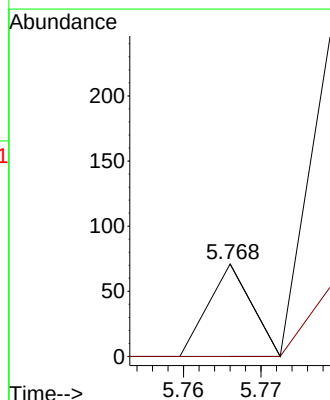
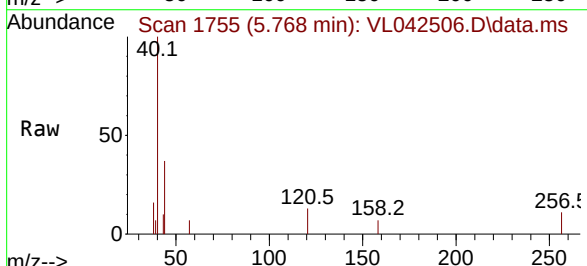
Acq: 06 May 2025 20:13

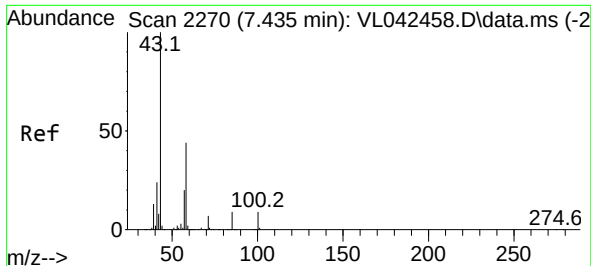
Tgt Ion: 43 Resp: 14

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

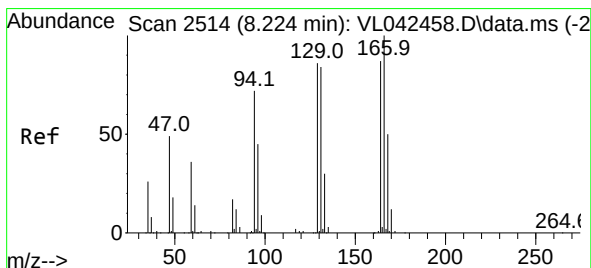
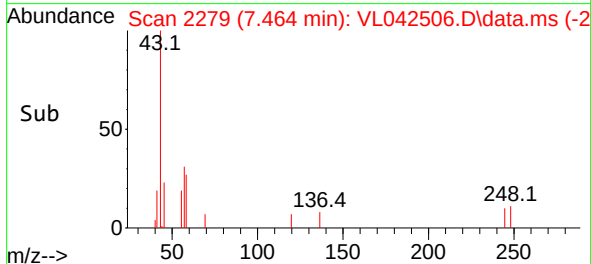
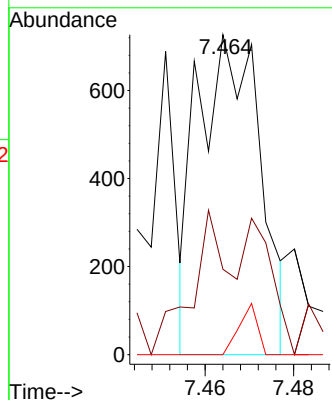
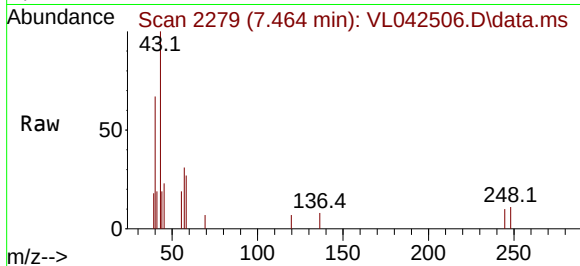




#51
2-Hexanone
Concen: 0.056 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

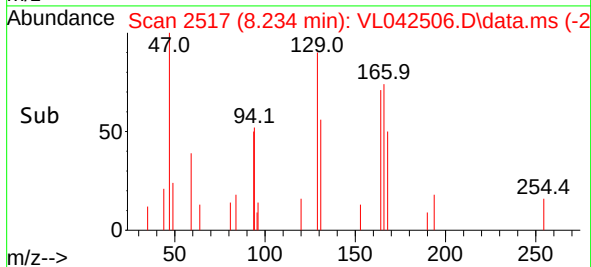
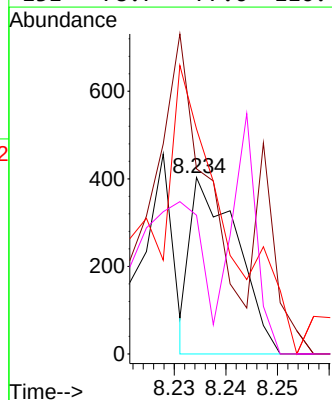
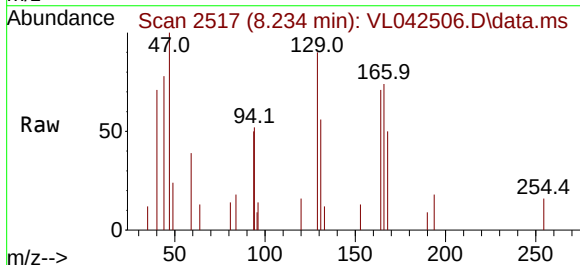
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

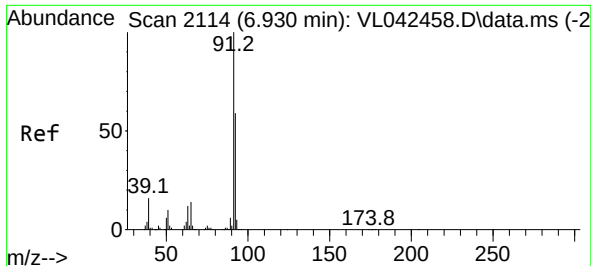
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 53.2 37.2 55.8
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.041 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 164 Resp: 254
Ion Ratio Lower Upper
164 100
166 75.9 91.6 137.4#
129 91.6 79.0 118.4
131 78.7 77.6 116.4

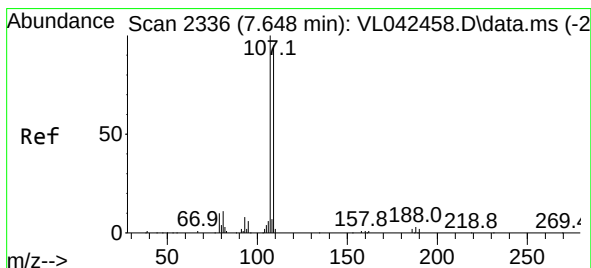
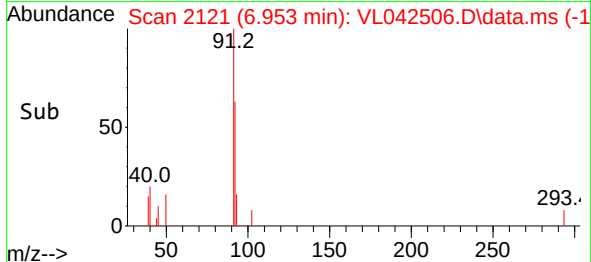
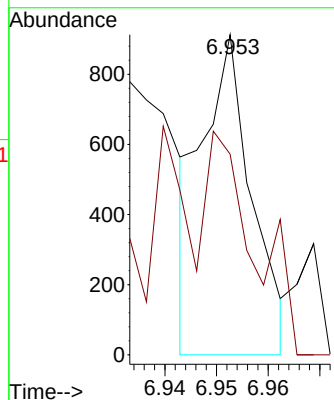
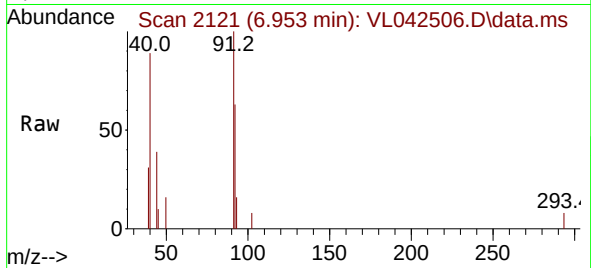




#53
Toluene
Concen: 0.035 ppbv
RT: 6.953 min Scan# 2114
Delta R.T. 0.023 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

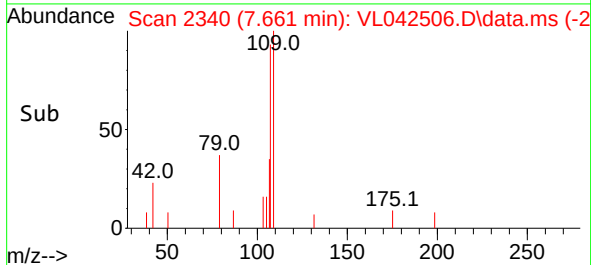
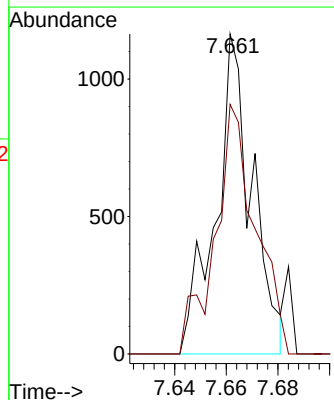
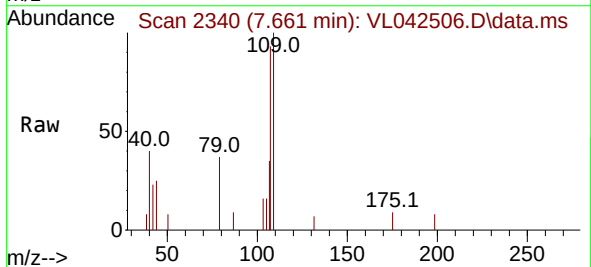
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

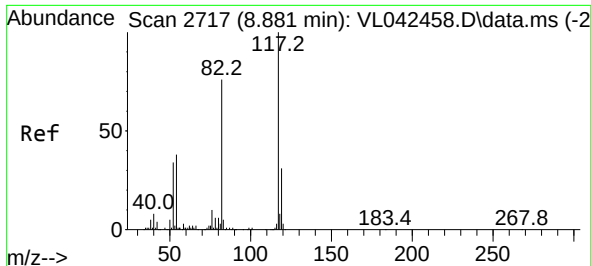
Tgt Ion: 91 Resp: 608
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.111 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 107 Resp: 1134
Ion Ratio Lower Upper
107 100
109 78.0 76.0 114.0

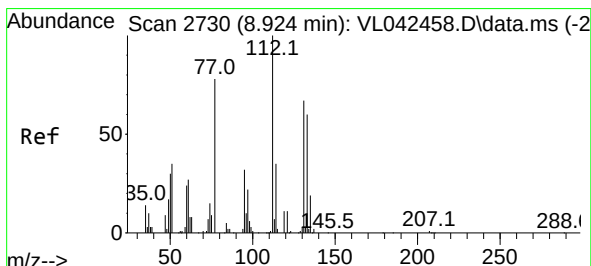
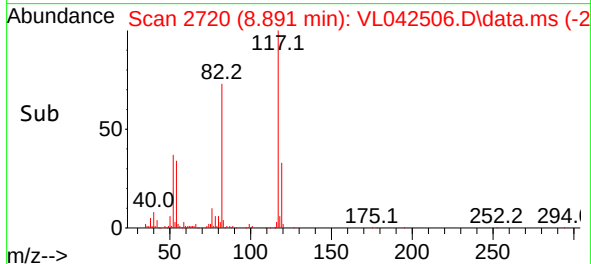
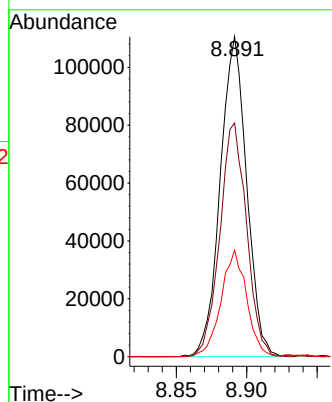
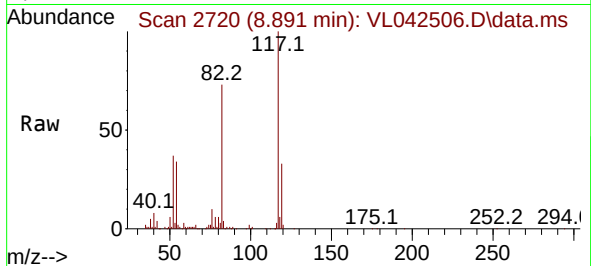




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

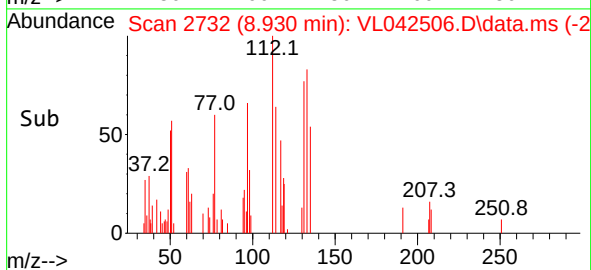
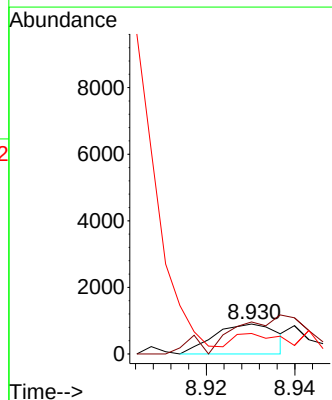
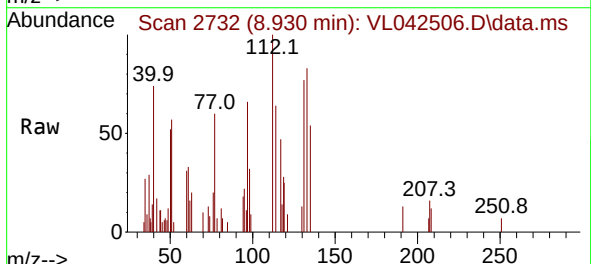
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

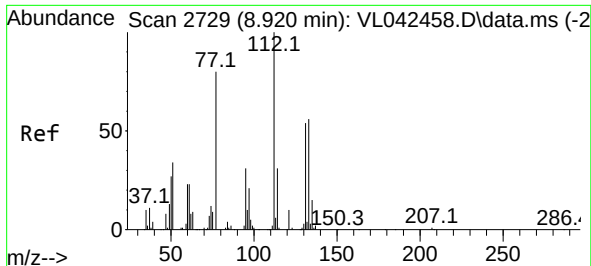
Tgt Ion:117 Resp: 144734
Ion Ratio Lower Upper
117 100
82 74.0 63.5 95.3
119 32.7 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.103 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:131 Resp: 881
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#

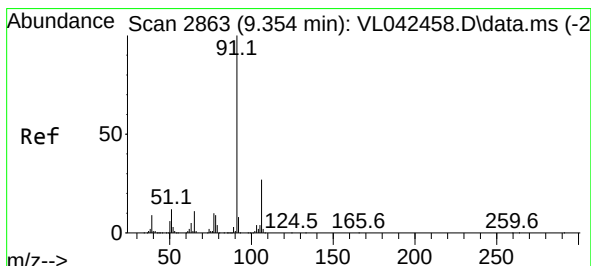
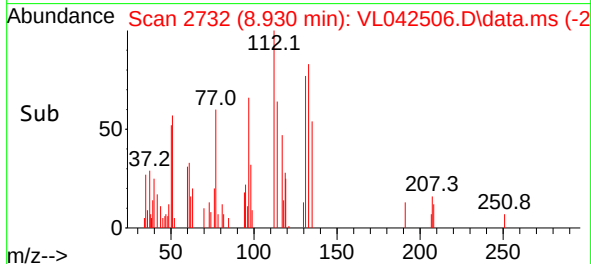
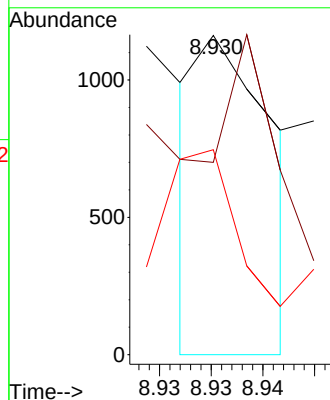
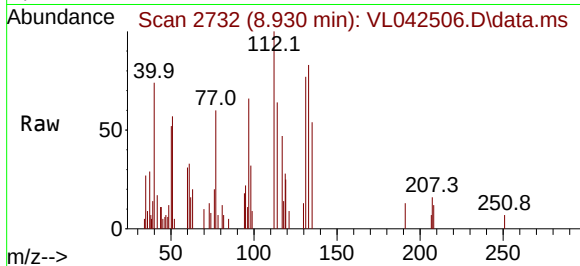




#57
Chlorobenzene
Concen: 0.039 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

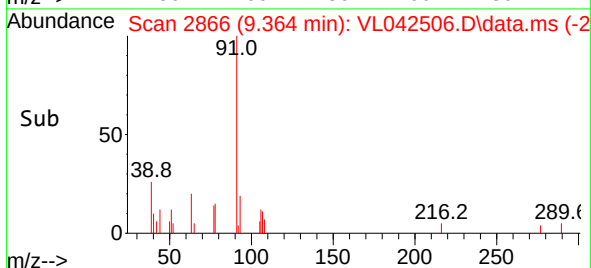
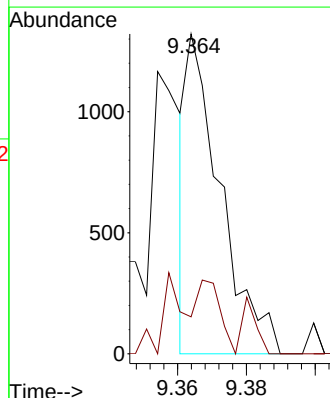
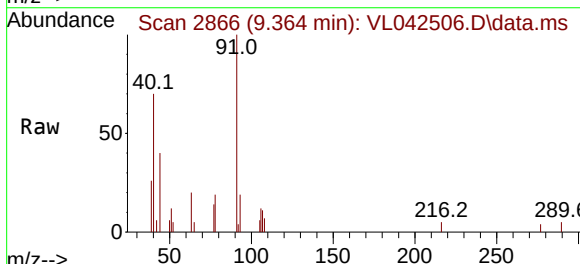
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

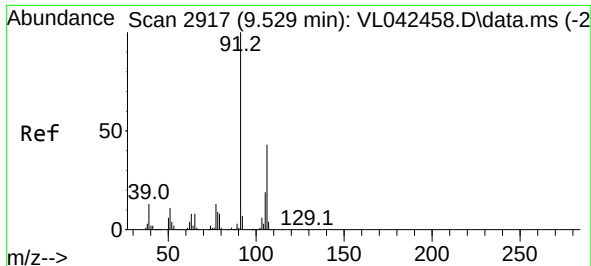
Tgt Ion: 112 Resp: 572
Ion Ratio Lower Upper
112 100
77 8.1 65.0 97.4#
114 165.2 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.037 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 91 Resp: 906
Ion Ratio Lower Upper
91 100
106 22.3 21.9 32.9





#59

m/p-Xylene

Concen: 0.032 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_1

ClientSampleId :

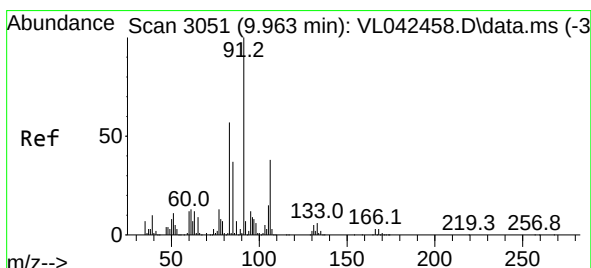
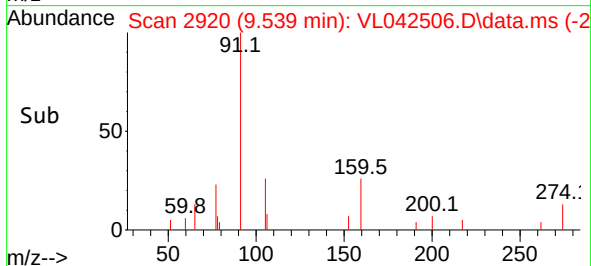
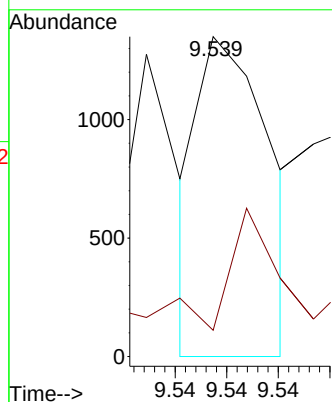
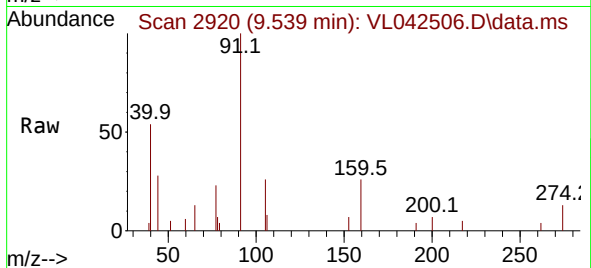
MDL3 0.1

Tgt Ion: 91 Resp: 645

Ion Ratio Lower Upper

91 100

106 149.8 34.2 51.2#



#60

o-Xylene

Concen: 0.039 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042506.D

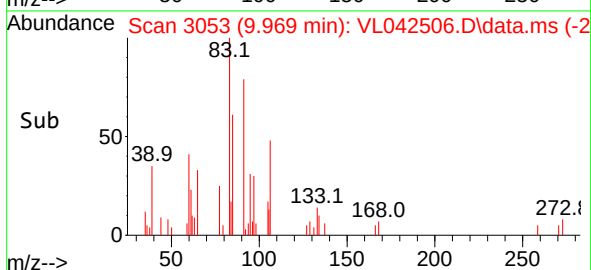
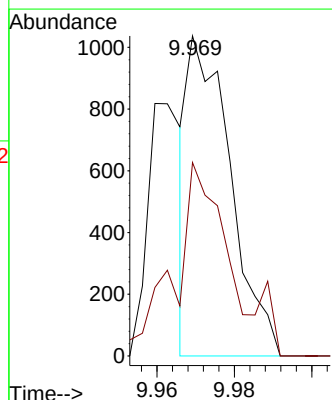
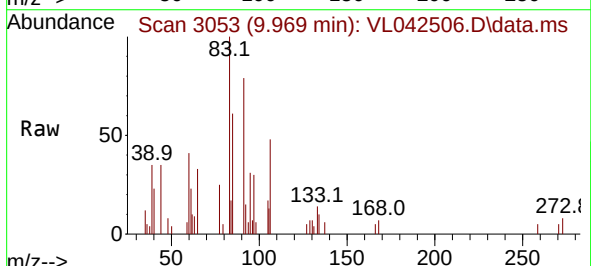
Acq: 06 May 2025 20:13

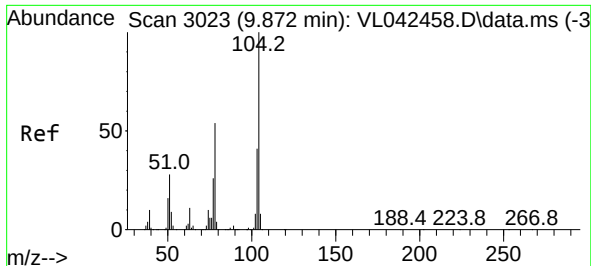
Tgt Ion: 91 Resp: 792

Ion Ratio Lower Upper

91 100

106 79.3 20.1 60.2#

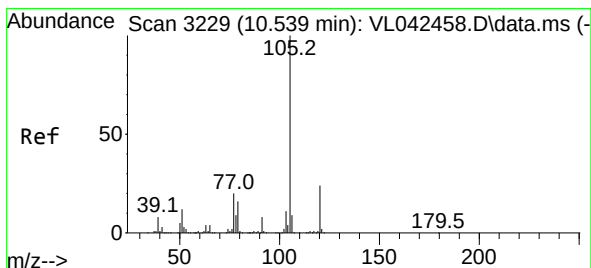
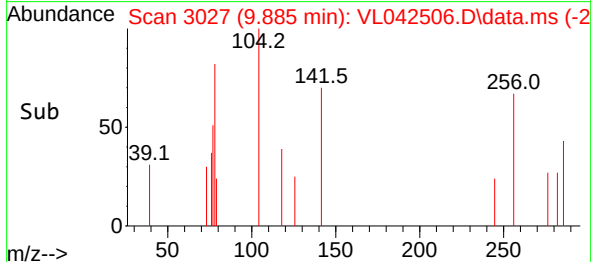
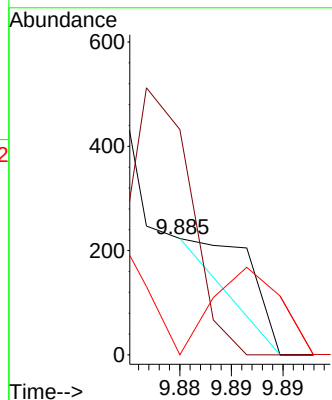
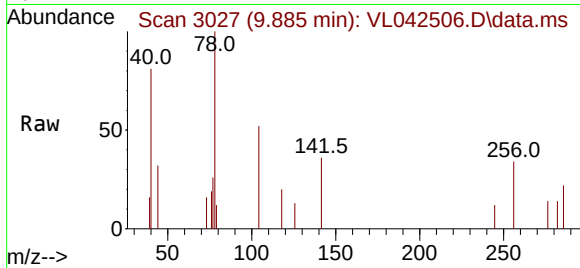




#61
Styrene
Concen: 0.002 ppbv
RT: 9.885 min Scan# 3023
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

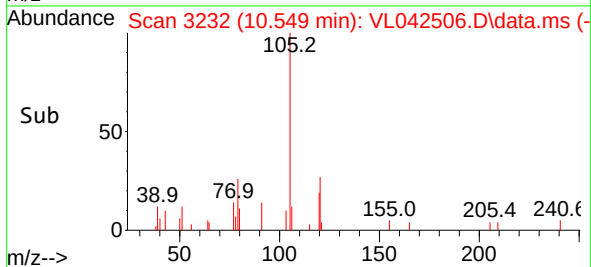
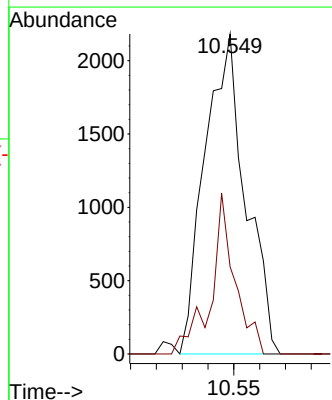
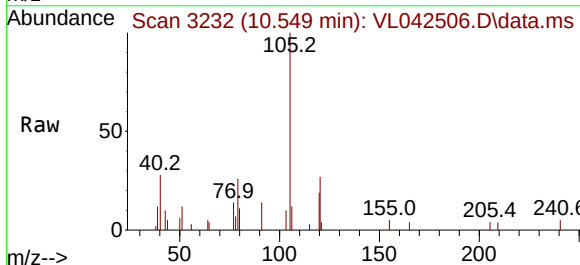
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

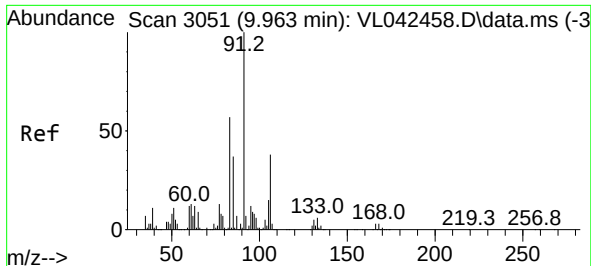
Tgt Ion:104 Resp: 16
Ion Ratio Lower Upper
104 100
78 2343.8 46.9 70.3#
103 0.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.082 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:105 Resp: 2393
Ion Ratio Lower Upper
105 100
120 29.4 18.8 28.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.083 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1

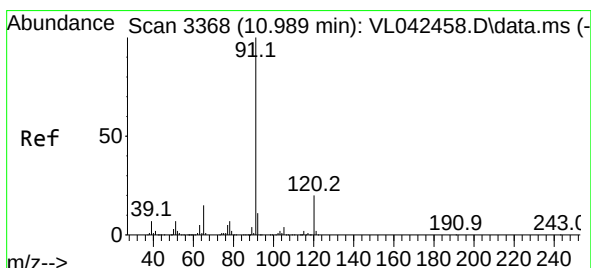
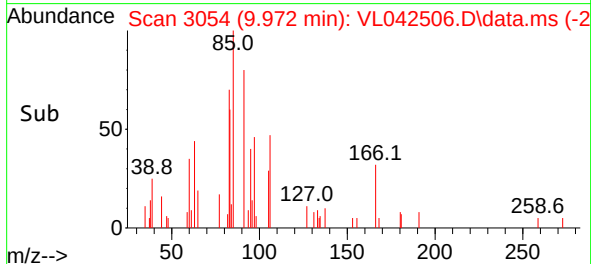
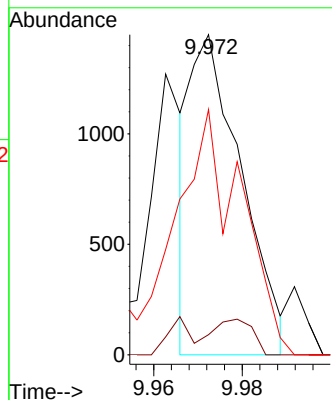
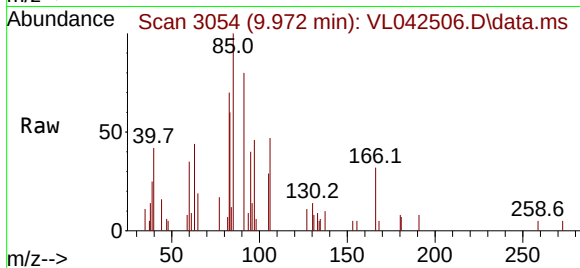
Tgt Ion: 83 Resp: 1161

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 110.4 32.5 97.4#



#64

n-propylbenzene

Concen: 0.023 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.013 min

Lab File: VL042506.D

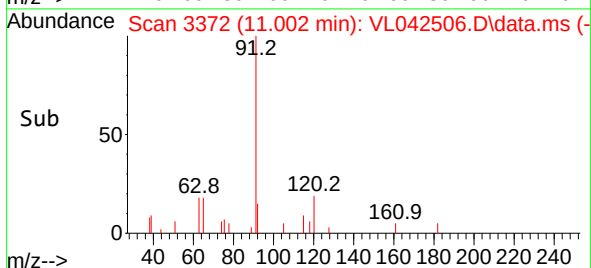
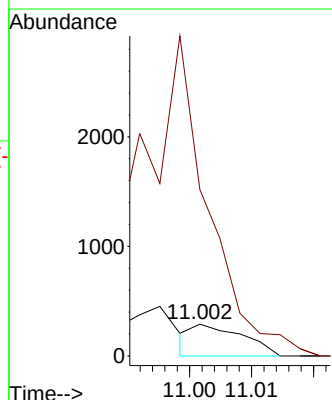
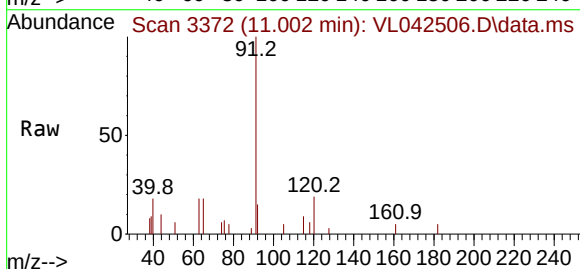
Acq: 06 May 2025 20:13

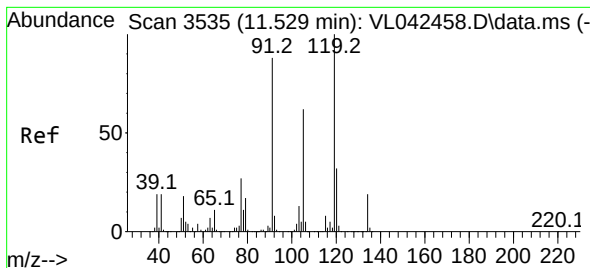
Tgt Ion: 120 Resp: 165

Ion Ratio Lower Upper

120 100

91 1544.8 408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.041 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1

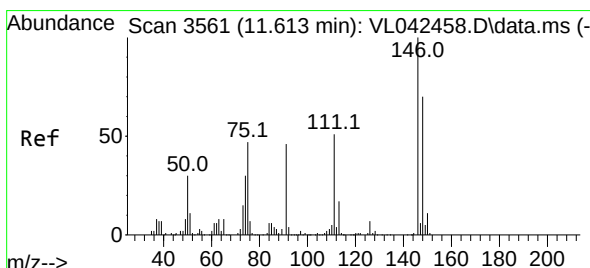
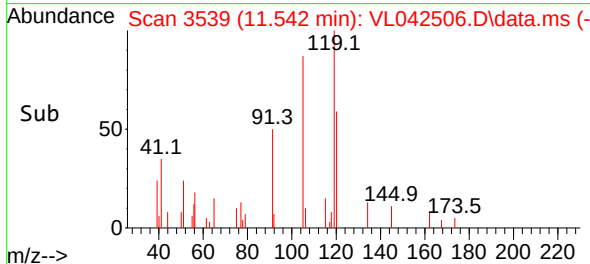
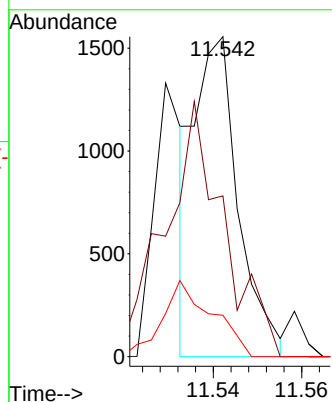
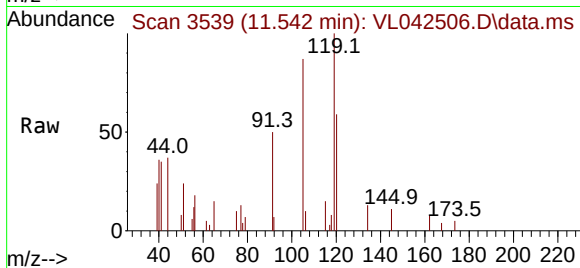
Tgt Ion:119 Resp: 1071

Ion Ratio Lower Upper

119 100

91 113.0 71.6 107.4#

134 0.0 15.0 22.4#



#66

Benzyl Chloride

Concen: 0.108 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.007 min

Lab File: VL042506.D

Acq: 06 May 2025 20:13

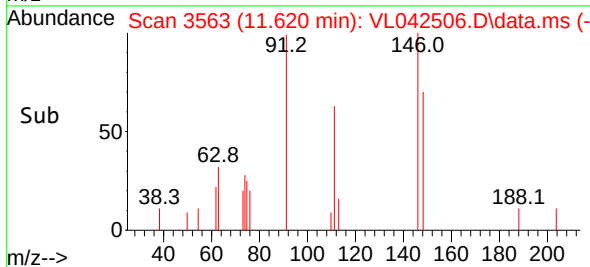
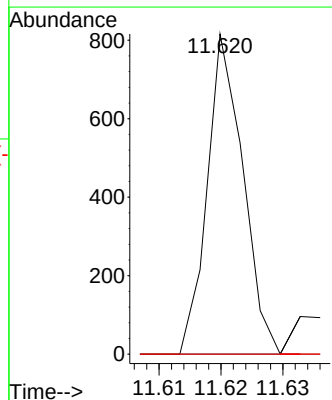
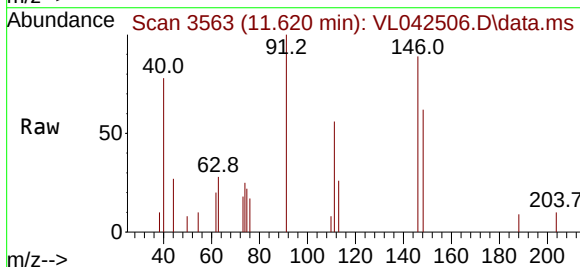
Tgt Ion: 91 Resp: 326

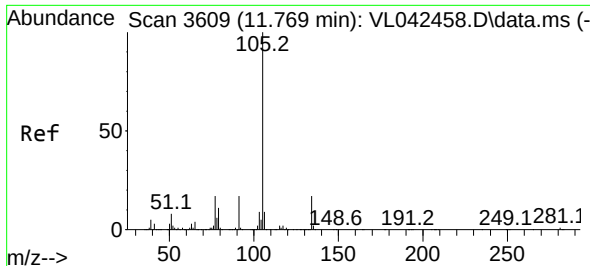
Ion Ratio Lower Upper

91 100

126 0.0 13.3 19.9#

128 0.0 4.2 6.4#

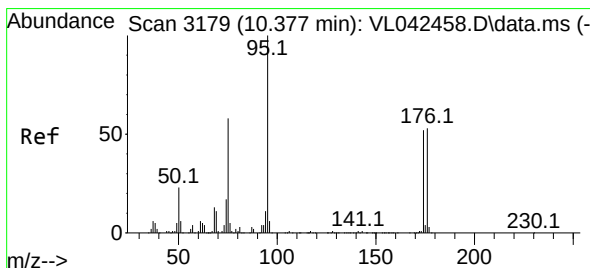
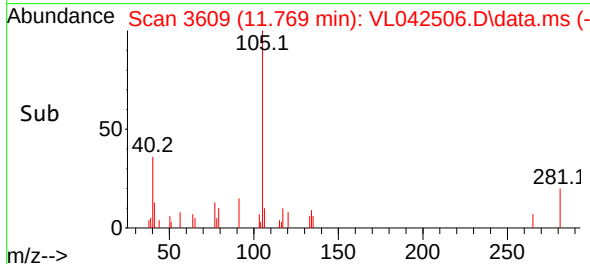
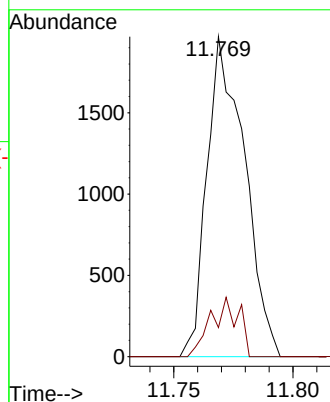
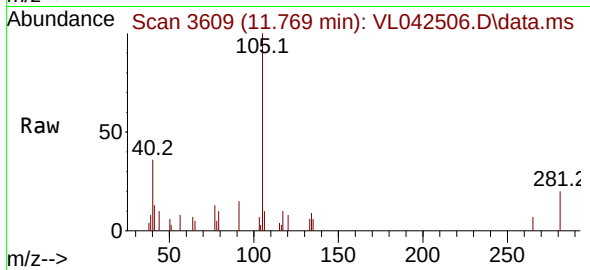




#67
 sec-Butylbenzene
 Concen: 0.058 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

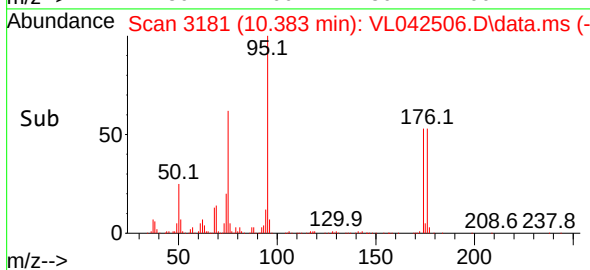
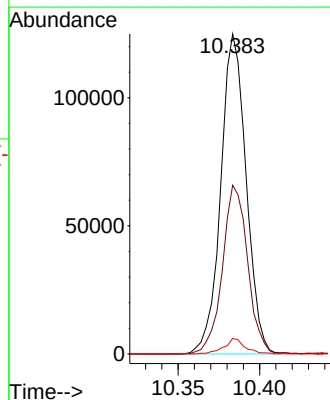
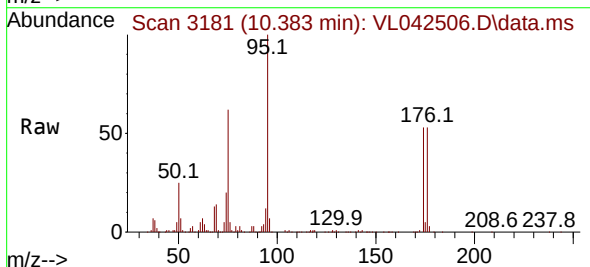
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.1

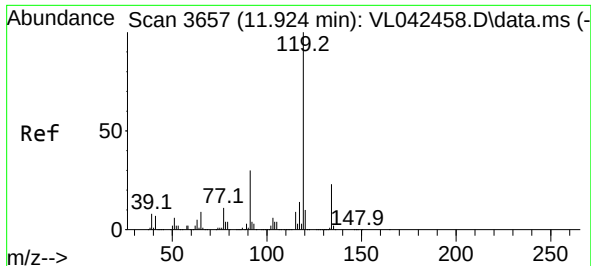
Tgt Ion:105 Resp: 2159
 Ion Ratio Lower Upper
 105 100
 134 13.7 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.074 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion: 95 Resp: 135183
 Ion Ratio Lower Upper
 95 100
 174 52.8 42.7 64.1
 175 4.0 3.6 5.4

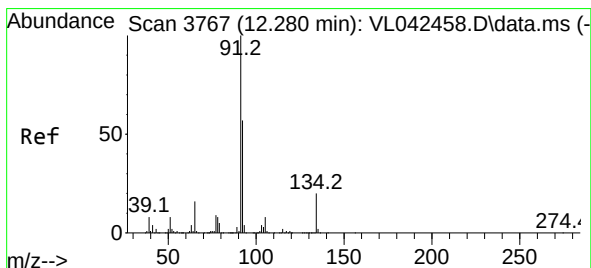
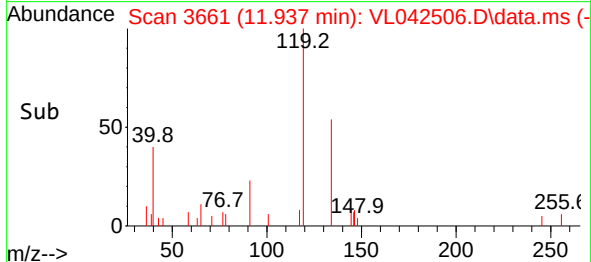
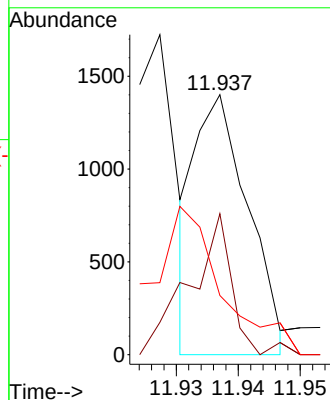
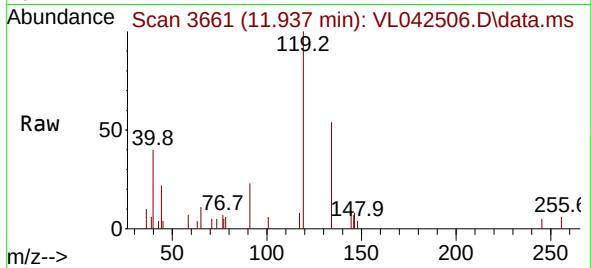




#69
p-Isopropyltoluene
Concen: 0.027 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

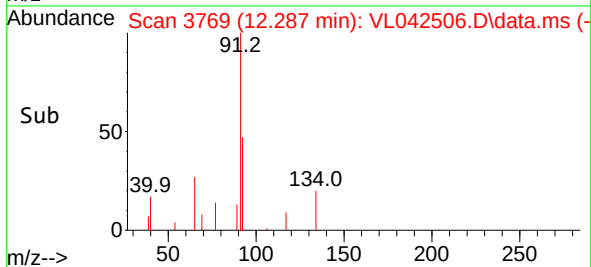
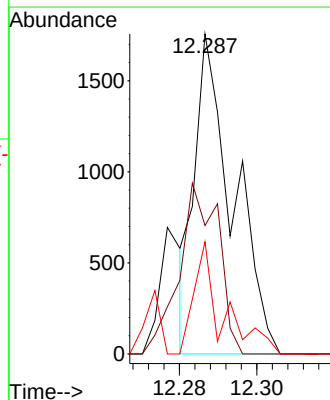
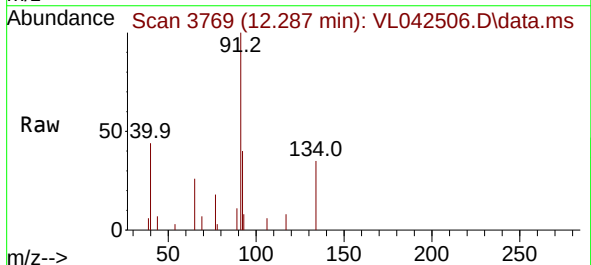
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

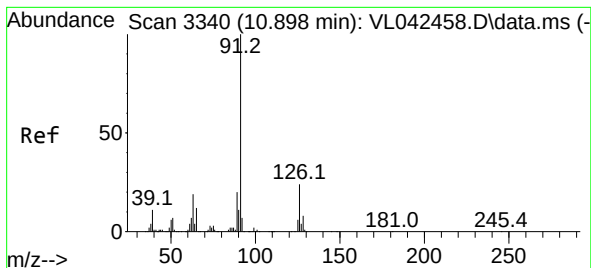
Tgt Ion: 119 Resp: 832
Ion Ratio Lower Upper
119 100
134 50.5 19.0 28.4#
91 0.0 25.5 38.3#



#70
n-Butylbenzene
Concen: 0.037 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 91 Resp: 1206
Ion Ratio Lower Upper
91 100
92 54.3 44.0 66.0
134 25.4 16.8 25.2#

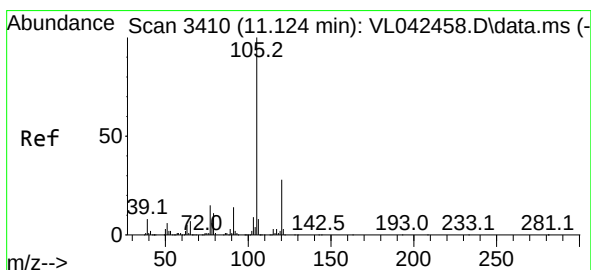
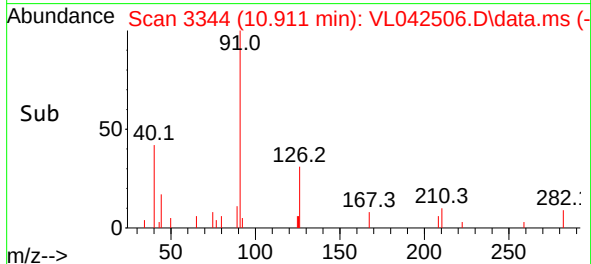
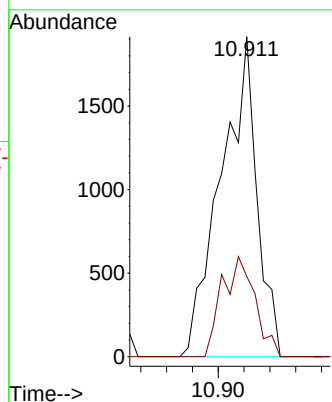
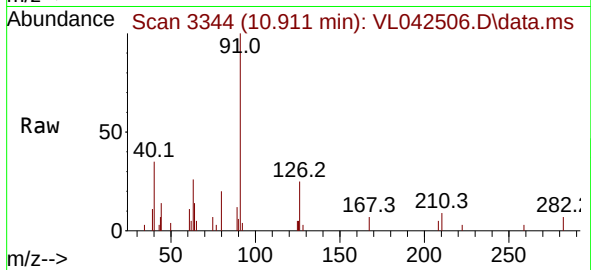




#71
2-Chlorotoluene
Concen: 0.081 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

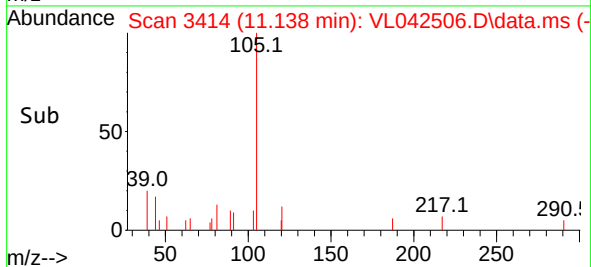
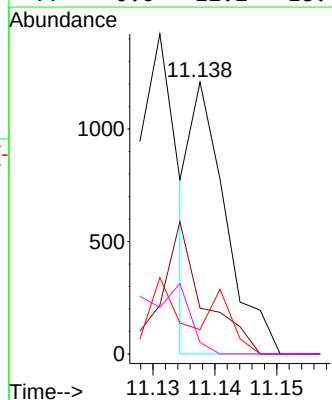
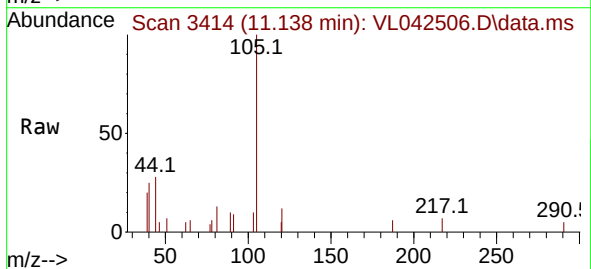
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

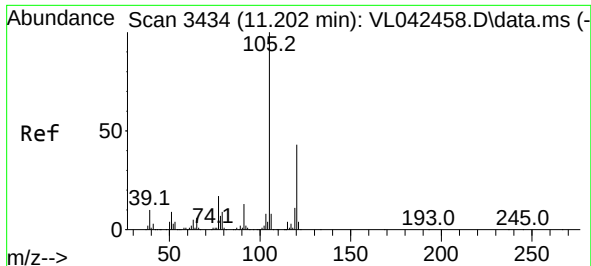
Tgt Ion: 91 Resp: 1852
Ion Ratio Lower Upper
91 100
126 28.8 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.020 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.013 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion: 105 Resp: 468
Ion Ratio Lower Upper
105 100
120 79.5 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

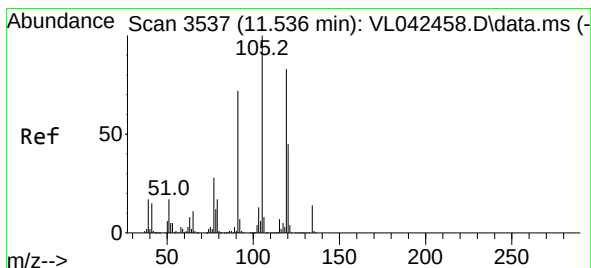
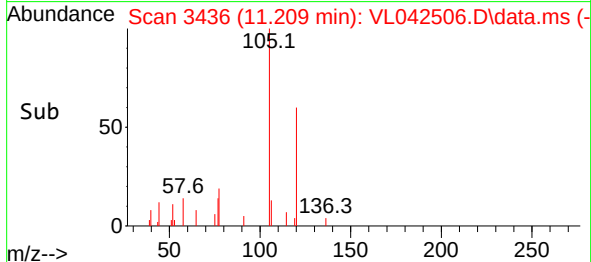
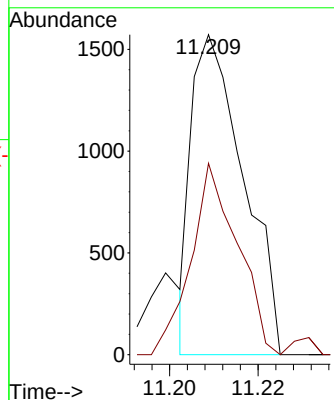
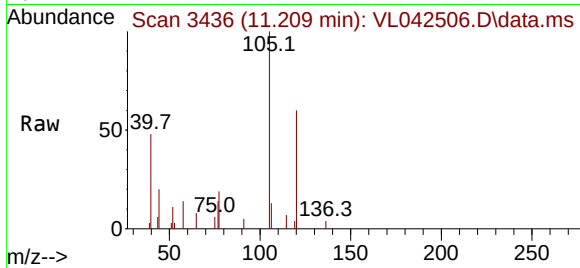




#73
 1,3,5-Trimethylbenzene
 Concen: 0.061 ppbv
 RT: 11.209 min Scan# 341
 Delta R.T. 0.007 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

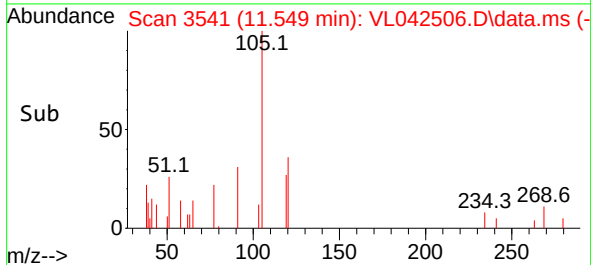
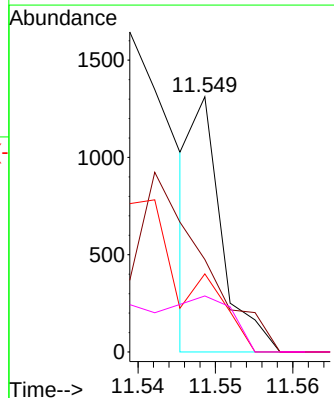
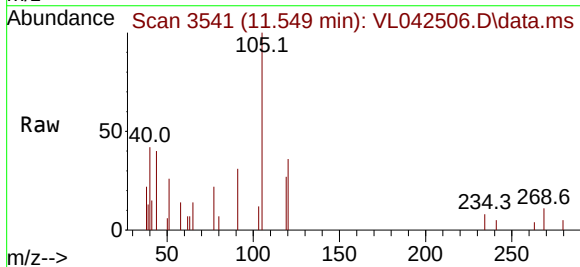
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.1

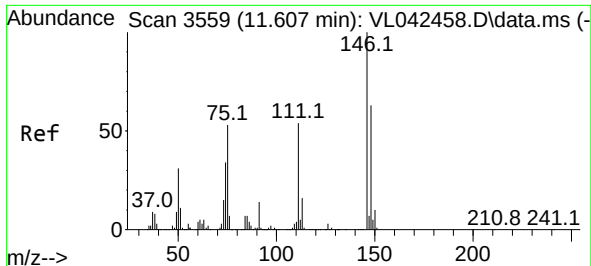
Tgt Ion:105 Resp: 1286
 Ion Ratio Lower Upper
 105 100
 120 59.8 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.013 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. 0.013 min
 Lab File: VL042506.D
 Acq: 06 May 2025 20:13

Tgt Ion:105 Resp: 336
 Ion Ratio Lower Upper
 105 100
 120 36.3 36.1 54.1
 91 30.6 57.6 86.4#
 77 22.0 22.1 33.1#

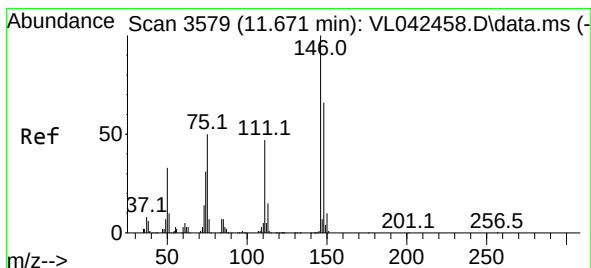
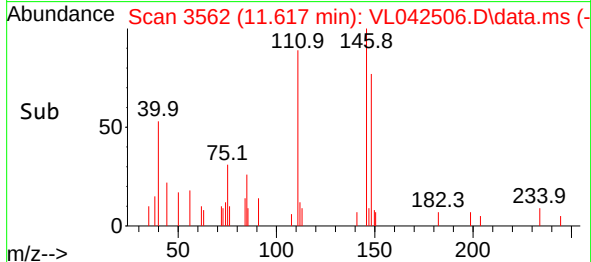
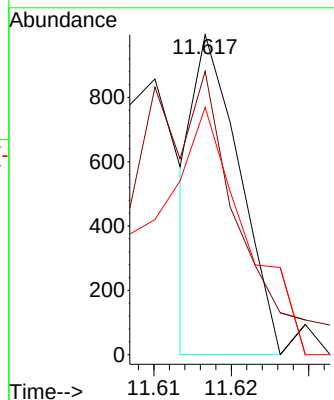
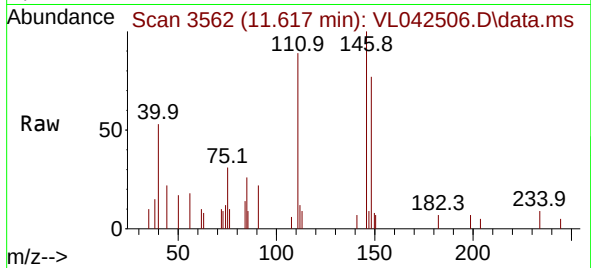




#75
1,3-Dichlorobenzene
Concen: 0.028 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

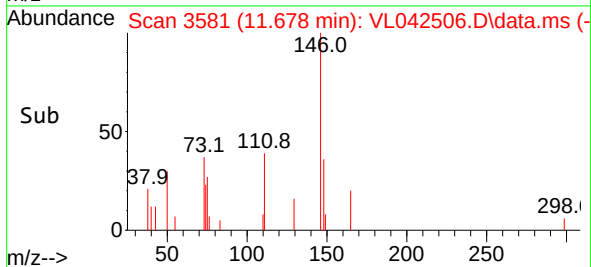
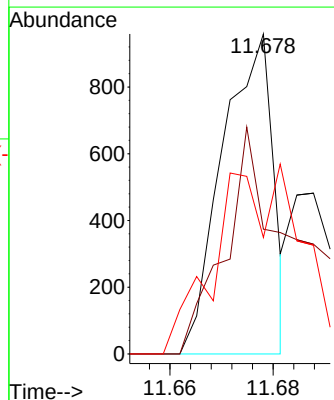
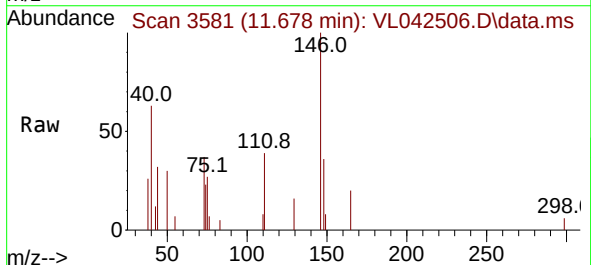
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.1

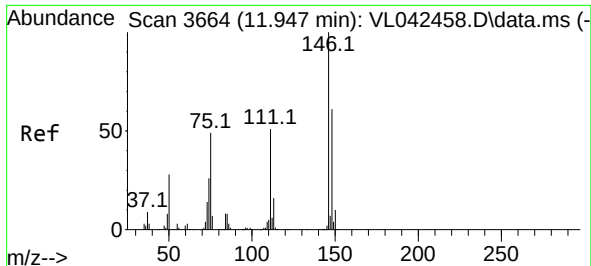
Tgt Ion:146 Resp: 401
Ion Ratio Lower Upper
146 100
111 205.5 26.1 78.3#
148 164.3 32.0 96.0#



#76
1,4-Dichlorobenzene
Concen: 0.049 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:146 Resp: 660
Ion Ratio Lower Upper
146 100
111 90.5 24.4 73.2#
148 0.0 32.0 96.2#

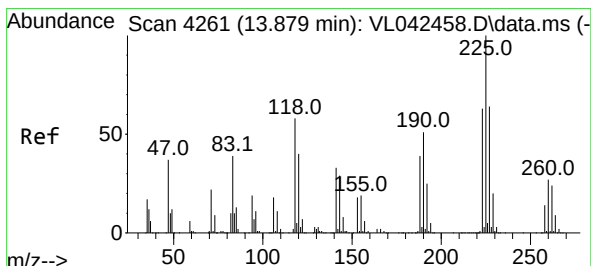
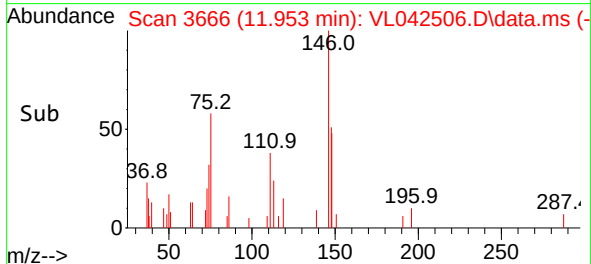
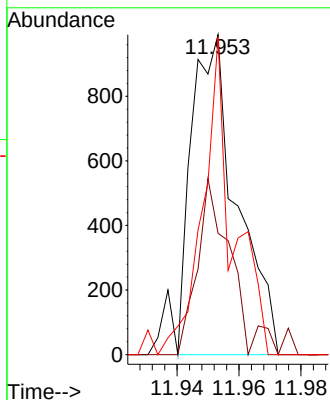
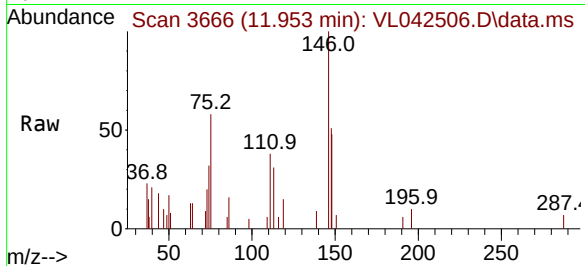




#77
1,2-Dichlorobenzene
Concen: 0.072 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

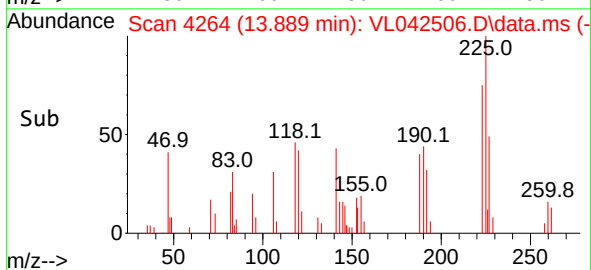
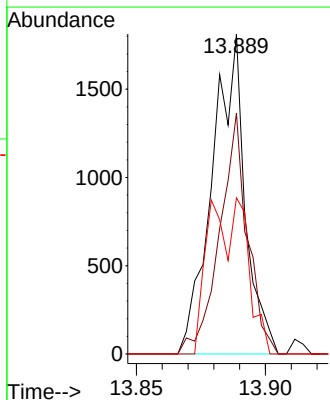
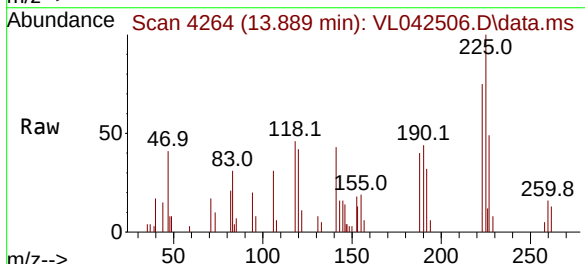
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

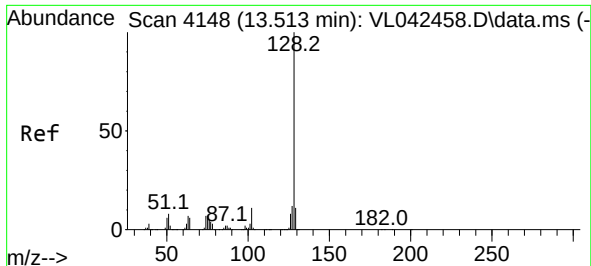
Tgt Ion:	146	Resp:	1004
Ion	Ratio	Lower	Upper
146	100		
111	40.8	26.5	79.5
148	67.1	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.116 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:	225	Resp:	1606
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	57.7	51.2	76.8

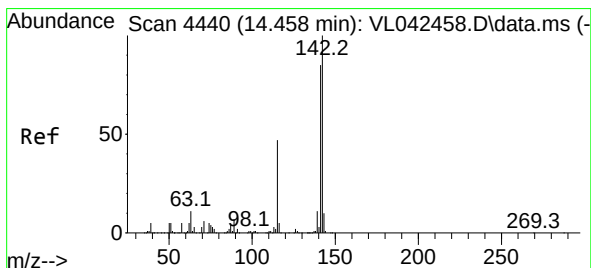
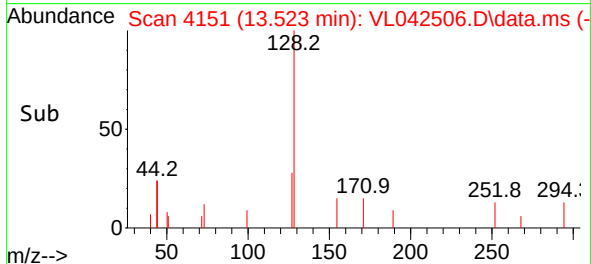
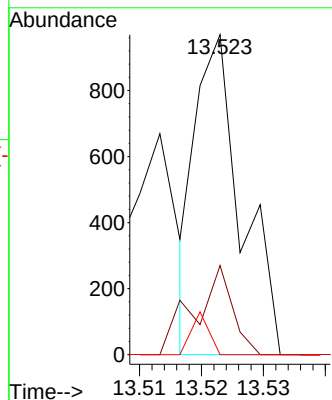
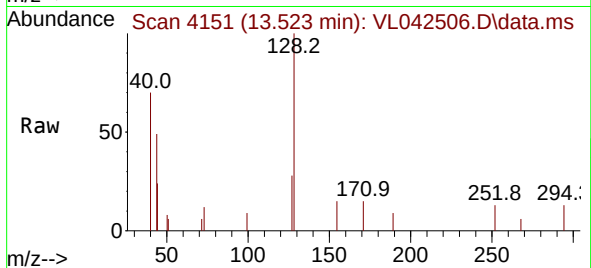




#79
Naphthalene
Concen: 0.023 ppbv
RT: 13.523 min Scan# 4148
Delta R.T. 0.010 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

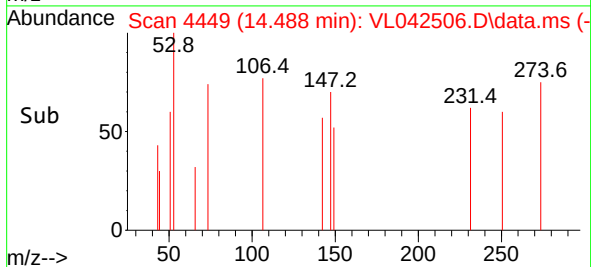
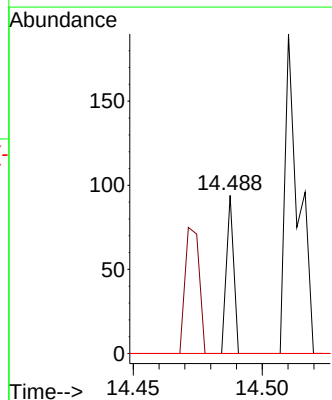
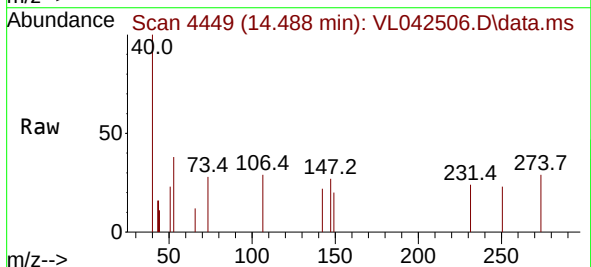
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.1

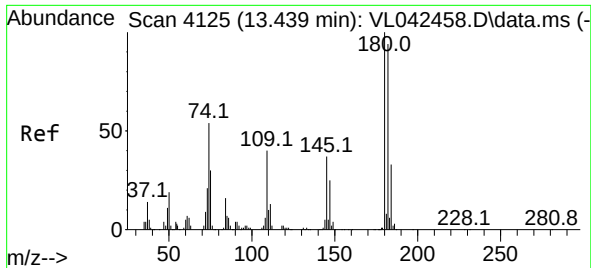
Tgt Ion:128 Resp: 495
Ion Ratio Lower Upper
128 100
127 27.9 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 14.488 min Scan# 4449
Delta R.T. 0.029 min
Lab File: VL042506.D
Acq: 06 May 2025 20:13

Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
141 0.0 67.4 101.0#
115 0.0 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042506.D

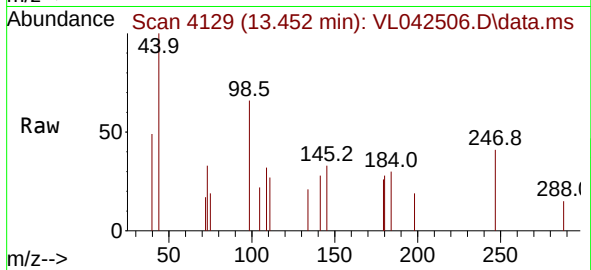
Acq: 06 May 2025 20:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.1



Tgt Ion:180 Resp: 21

Ion Ratio Lower Upper

180 100

182 0.0 74.6 111.8#

184 0.0 24.9 37.3#

