

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042500.D
 Acq On : 06 May 2025 17:04
 Operator : SY/MD
 Sample : MDL3 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

Quant Time: May 07 02:47:14 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	2.790	49	65653	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	166790	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	142443	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	129628	9.815	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	630	0.058	ppbv #	72
3) Chlorodifluoromethane	1.479	51	505	0.044	ppbv #	47
4) Chloromethane	1.534	50	285	0.063	ppbv #	63
5) Vinyl Chloride	1.583	62	115	0.025	ppbv #	44
6) Bromomethane	1.670	94	101	0.047	ppbv #	49
7) Chloroethane	1.670	64	43	0.025	ppbv #	43
8) Dichlorotetrafluoroethane	1.557	85	381	0.043	ppbv #	51
9) Propene	1.780	41	128	0.034	ppbv	94
10) Heptane	4.994	43	77	0.008	ppbv #	26
11) Trichlorofluoromethane	1.878	101	427	0.043	ppbv #	57
12) 1,1,2-Trichlorotrifluo...	2.143	101	386	0.048	ppbv #	54
13) Ethanol	1.891	45	518	0.679	ppbv #	42
14) Bromoethene	1.787	108	275	0.093	ppbv #	32
15) Acetone	1.839	43	1814	0.151	ppbv	93
16) 1,3-Butadiene	1.615	39	250	0.047	ppbv #	69
17) tert-Butyl alcohol	2.049	59	461	0.044	ppbv #	1
18) 1,1-Dichloroethene	2.033	96	361	0.097	ppbv #	1
19) Isopropyl Alcohol	1.891	45	518	0.078	ppbv #	87
20) Methylene Chloride	2.065	84	799	0.222	ppbv #	64
21) Allyl Chloride	2.101	41	210	0.027	ppbv #	21
22) trans-1,2-Dichloroethene	2.344	96	198	0.045	ppbv #	67
23) Vinyl Acetate	2.463	43	823	0.072	ppbv #	77
24) 1,1-Dichloroethane	2.412	63	313	0.035	ppbv #	83
25) Ethyl Acetate	2.836	43	82	0.004	ppbv #	70
26) Hexane	2.836	57	222	0.027	ppbv #	51
27) Carbon Disulfide	2.149	76	598	0.061	ppbv #	64
28) Methyl tert-Butyl Ether	2.438	73	89	0.018	ppbv #	50
29) Chloroform	2.858	83	563	0.036	ppbv #	51
30) Cyclohexane	3.862	84	114	0.016	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	118	0.012	ppbv #	73
32) 1,1,1-Trichloroethane	3.366	97	164	0.010	ppbv #	1
34) 2-Butanone	2.567	43	432	0.036	ppbv #	55
35) Carbon Tetrachloride	3.765	117	214	0.014	ppbv #	71
36) Benzene	3.664	78	129	0.008	ppbv #	51
37) 1,2-Dichloroethane	3.230	62	445	0.037	ppbv #	84
38) Trichloroethene	4.545	130	120	0.020	ppbv #	30
39) 1,2-Dichloropropane	3.965	63	52162	8.853	ppbv #	20
40) 1,4-Dioxane	4.606	88	47	0.017	ppbv #	100
41) Tetrahydrofuran	3.078	42	116	0.020	ppbv #	34
42) Bromodichloromethane	4.499	83	435	0.029	ppbv #	72
43) Methyl Methacrylate	4.894	69	40	0.007	ppbv #	1
44) 2,2,4-Trimethylpentane	4.642	57	298	0.012	ppbv #	63
45) t-1,3-Dichloropropene	6.432	75	44	0.006	ppbv #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
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 Acq On : 06 May 2025 17:04
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

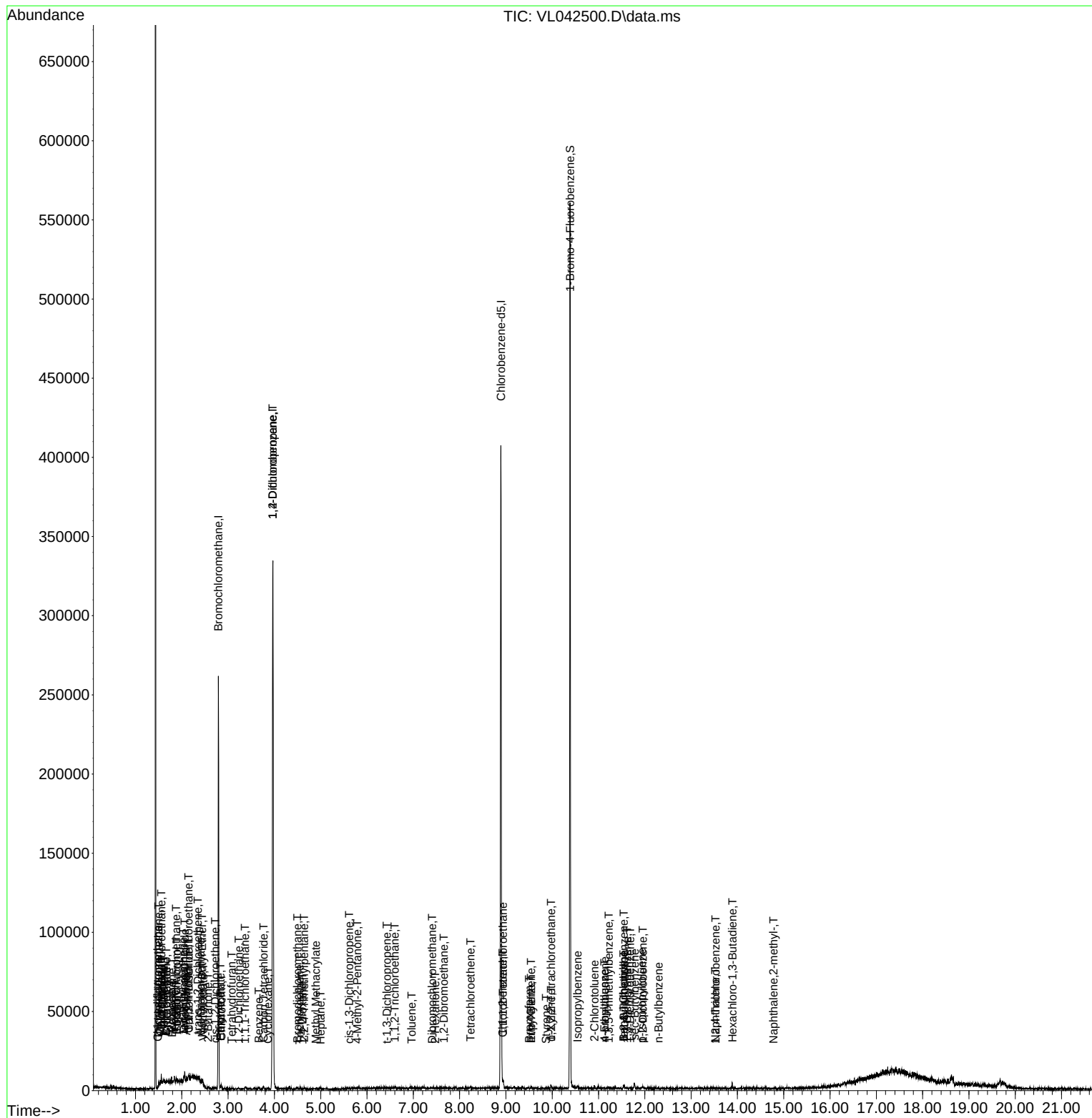
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

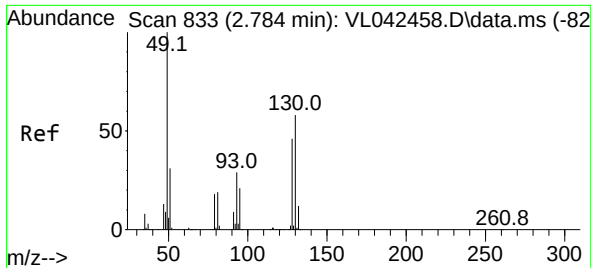
Quant Time: May 07 02:47:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	51	0.006	ppbv #	73
47) 1,1,2-Trichloroethane	6.600	97	119	0.018	ppbv #	40
48) Dibromochloromethane	7.406	129	91	0.008	ppbv #	3
49) Bromoform	9.500	173	196	0.021	ppbv #	65
50) 4-Methyl-2-Pentanone	5.787	43	125	0.008	ppbv #	38
51) 2-Hexanone	7.470	43	80	0.007	ppbv #	31
52) Tetrachloroethene	8.238	164	79	0.013	ppbv #	1
53) Toluene	6.962	91	72	0.004	ppbv	94
54) 1,2-Dibromoethane	7.658	107	46	0.005	ppbv	87
56) 1,1,1,2-Tetrachloroethane	8.933	131	165	0.020	ppbv #	10
57) Chlorobenzene	8.930	112	147	0.010	ppbv #	56
58) Ethyl Benzene	9.542	91	262	0.011	ppbv	90
59) m/p-Xylene	9.542	91	262	0.013	ppbv #	33
60) o-Xylene	9.976	91	186	0.009	ppbv #	35
61) Styrene	9.869	104	38	0.005	ppbv #	1
62) Isopropylbenzene	10.545	105	538	0.019	ppbv #	85
63) 1,1,2,2-Tetrachloroethane	9.976	83	170	0.012	ppbv #	1
64) n-propylbenzene	11.134	120	51	0.007	ppbv #	1
65) tert-Butylbenzene	11.545	119	181	0.007	ppbv #	14
66) Benzyl Chloride	11.539	91	395	0.133	ppbv #	72
67) sec-Butylbenzene	11.782	105	179	0.005	ppbv #	12
69) p-Isopropyltoluene	11.940	119	68	0.002	ppbv #	47
70) n-Butylbenzene	12.296	91	269	0.008	ppbv #	62
71) 2-Chlorotoluene	10.914	91	99	0.004	ppbv	90
72) 4-Ethyltoluene	11.131	105	355	0.015	ppbv #	69
73) 1,3,5-Trimethylbenzene	11.219	105	51	0.002	ppbv #	55
74) 1,2,4-Trimethylbenzene	11.545	105	553	0.022	ppbv #	46
75) 1,3-Dichlorobenzene	11.617	146	111	0.008	ppbv #	34
76) 1,4-Dichlorobenzene	11.685	146	101	0.008	ppbv #	23
77) 1,2-Dichlorobenzene	11.960	146	112	0.008	ppbv #	1
78) Hexachloro-1,3-Butadiene	13.895	225	86	0.006	ppbv #	1
79) Naphthalene	13.523	128	160	0.008	ppbv #	70
80) Naphthalene,2-methyl-	14.779	142	28	0.002	ppbv #	15
81) 1,2,4-Trichlorobenzene	13.529	180	33	0.003	ppbv #	23

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

Quant Time: May 07 02:47:14 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: 2.790 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

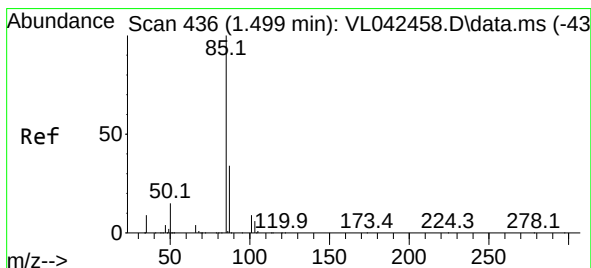
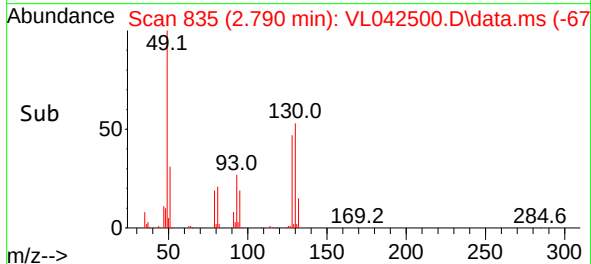
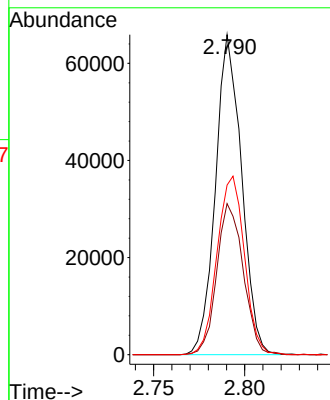
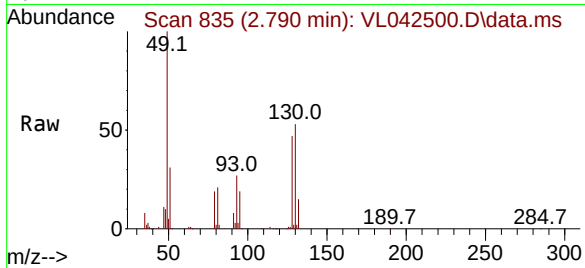
Tgt Ion: 49 Resp: 65653

Ion Ratio Lower Upper

49 100

128 48.0 23.3 69.9

130 58.6 29.5 88.6



#2

Dichlorodifluoromethane

Concen: 0.058 ppbv

RT: 1.499 min Scan# 436

Delta R.T. 0.000 min

Lab File: VL042500.D

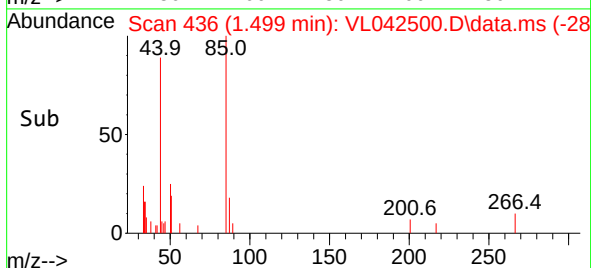
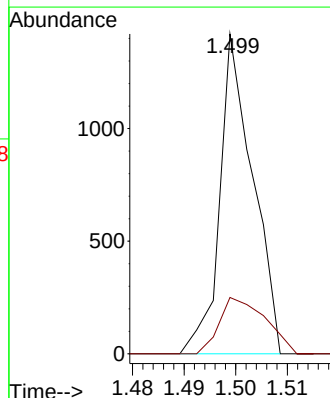
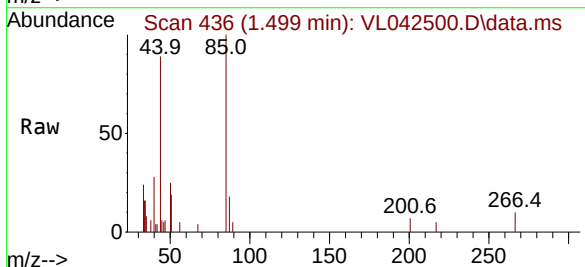
Acq: 06 May 2025 17:04

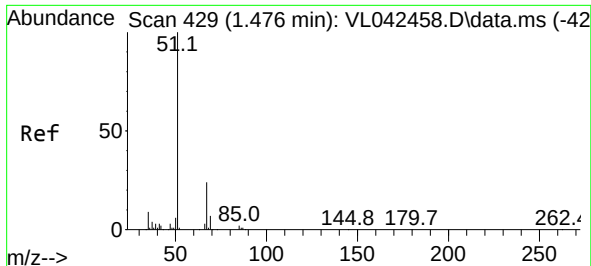
Tgt Ion: 85 Resp: 630

Ion Ratio Lower Upper

85 100

87 17.6 26.9 40.3#

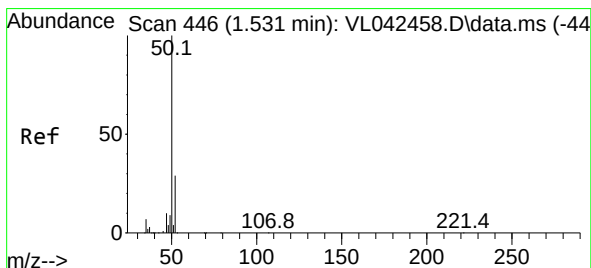
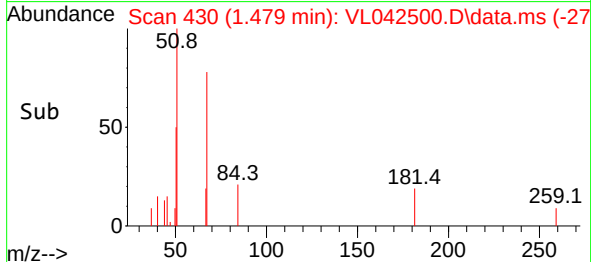
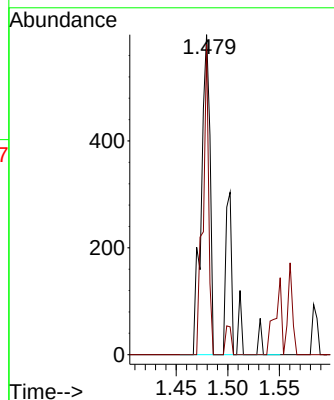
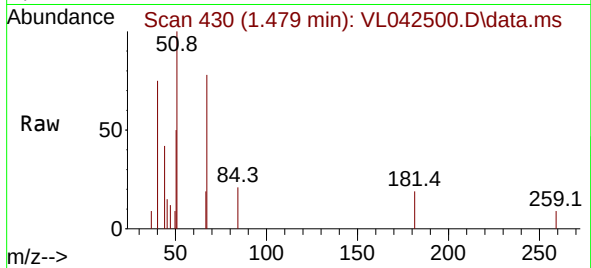




#3
Chlorodifluoromethane
Concen: 0.044 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

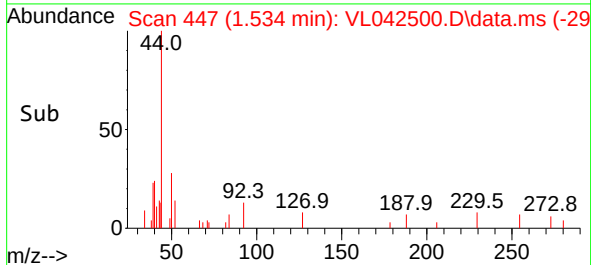
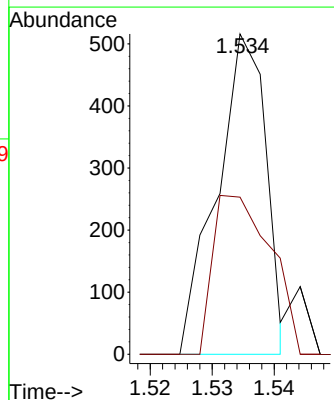
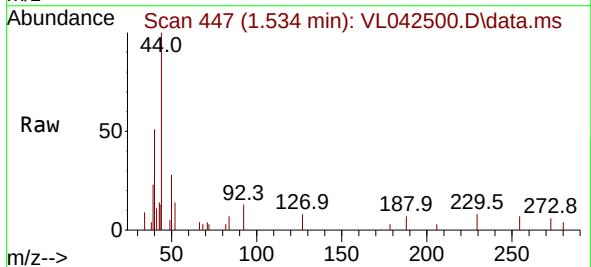
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

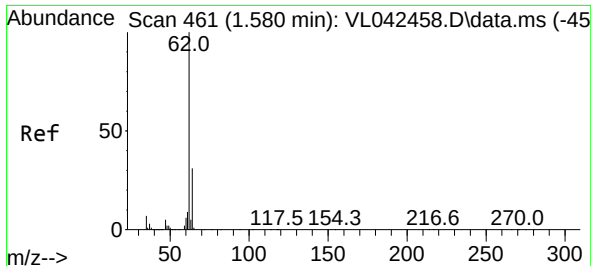
Tgt Ion: 51 Resp: 505
Ion Ratio Lower Upper
51 100
67 48.9 18.4 27.6#



#4
Chloromethane
Concen: 0.063 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 49.0 23.5 35.3#

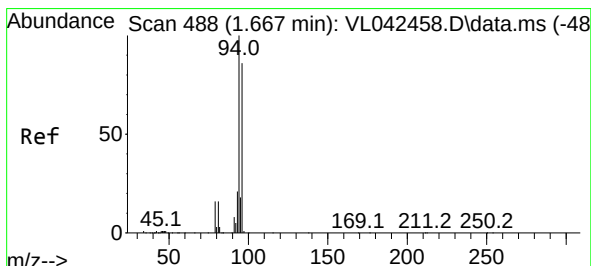
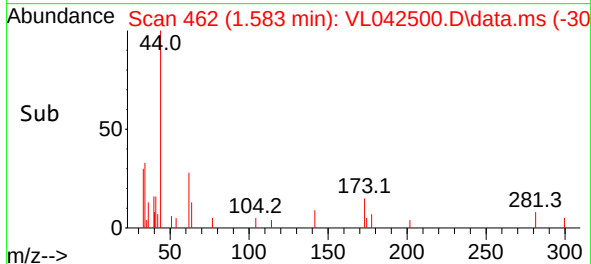
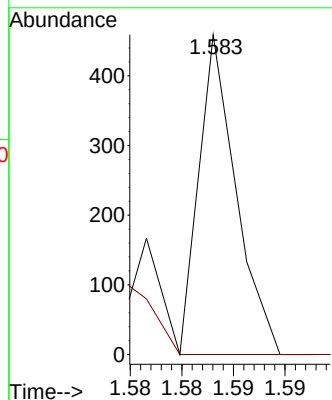
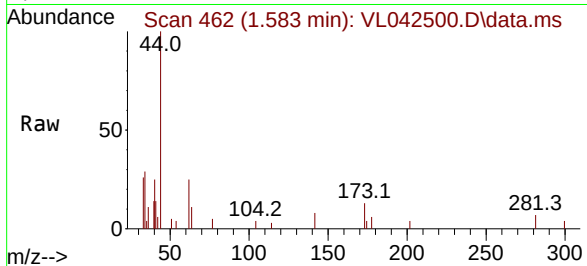




#5
 Vinyl Chloride
 Concen: 0.025 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

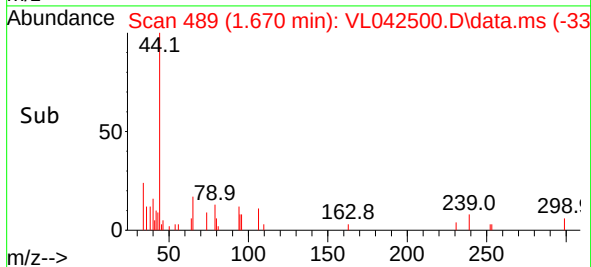
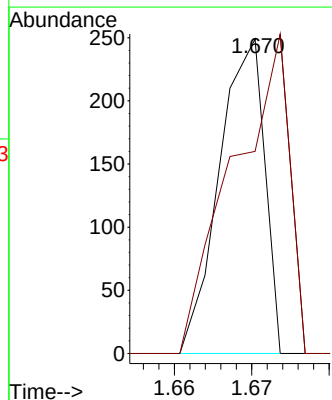
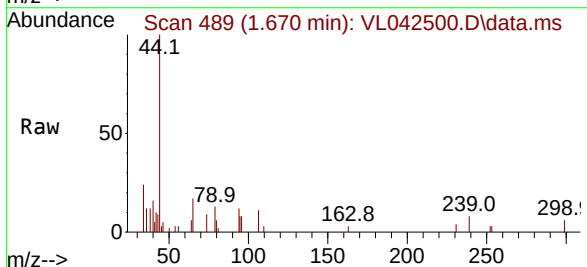
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.03

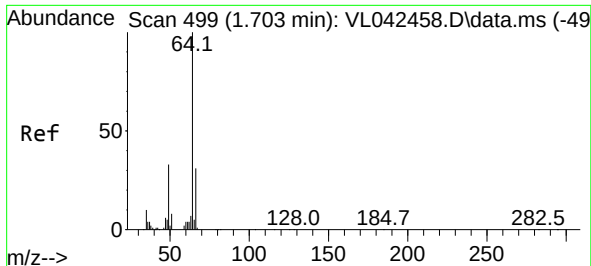
Tgt Ion: 62 Resp: 115
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Bromomethane
 Concen: 0.047 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion: 94 Resp: 101
 Ion Ratio Lower Upper
 94 100
 96 39.3 68.8 103.2#

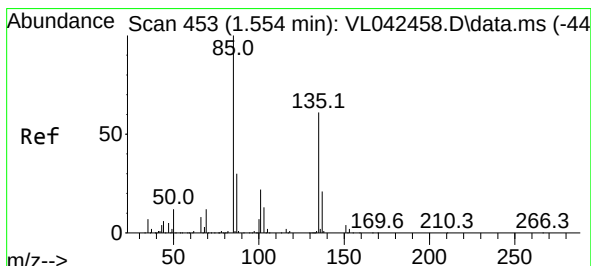
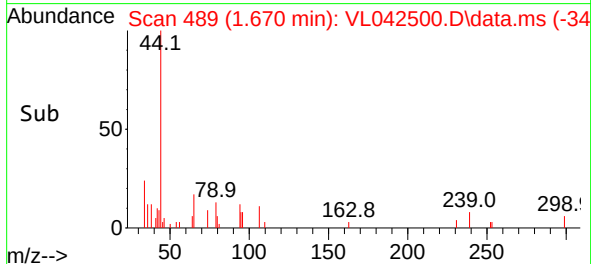
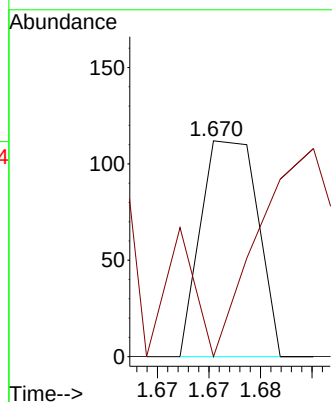
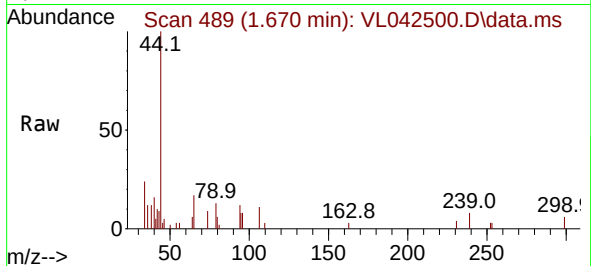




#7
Chloroethane
Concen: 0.025 ppbv
RT: 1.670 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

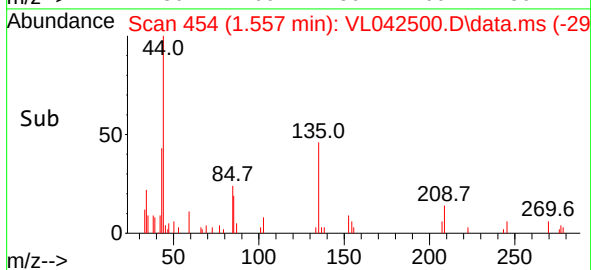
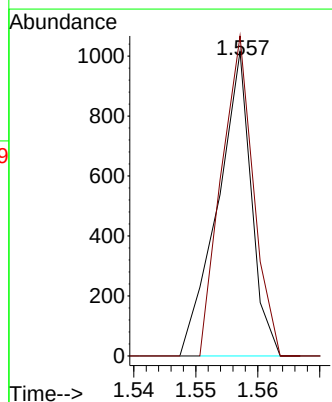
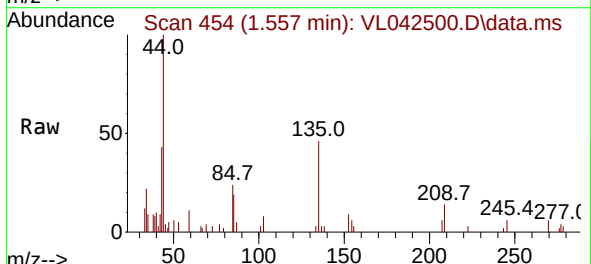
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

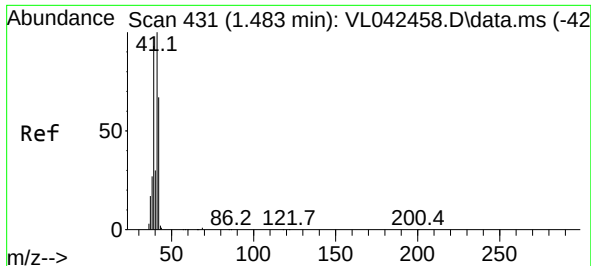
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.043 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 85 Resp: 381
Ion Ratio Lower Upper
85 100
135 100.3 49.8 74.8#





#9

Propene

Concen: 0.034 ppbv

RT: 1.780 min Scan# 51

Delta R.T. 0.298 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

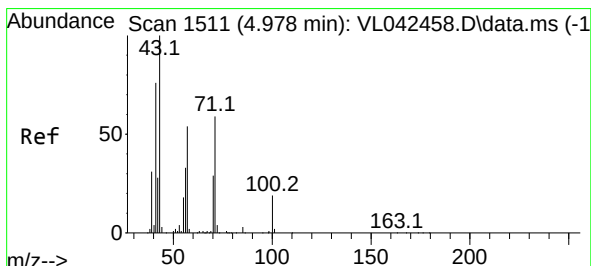
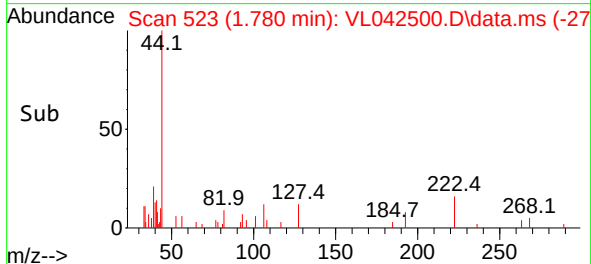
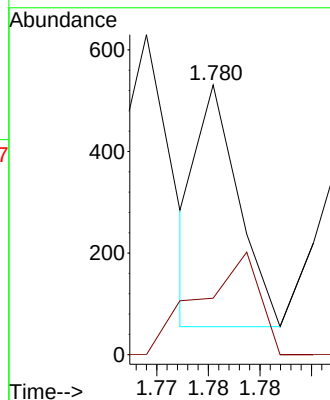
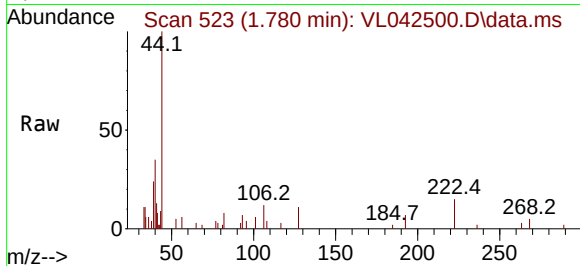
MDL3 0.03

Tgt Ion: 41 Resp: 128

Ion Ratio Lower Upper

41 100

42 63.3 54.3 81.5



#10

Heptane

Concen: 0.008 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042500.D

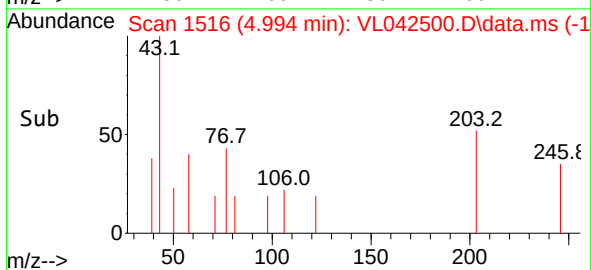
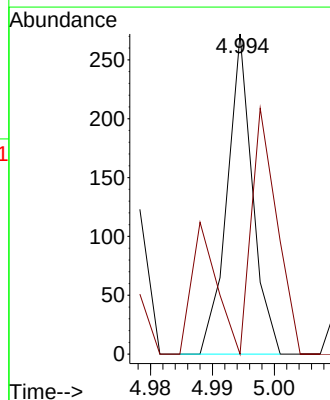
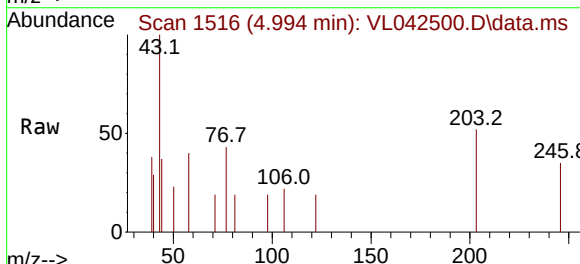
Acq: 06 May 2025 17:04

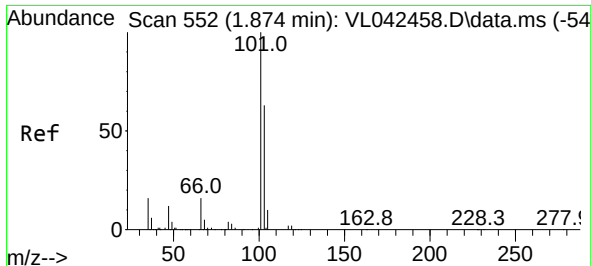
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

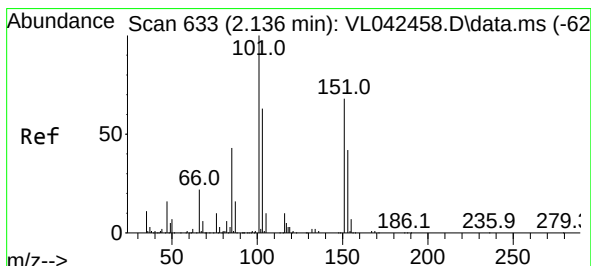
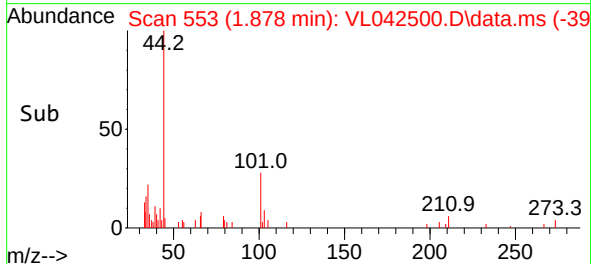
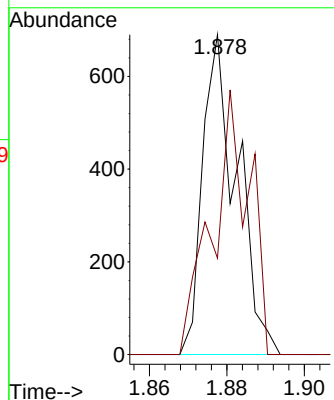
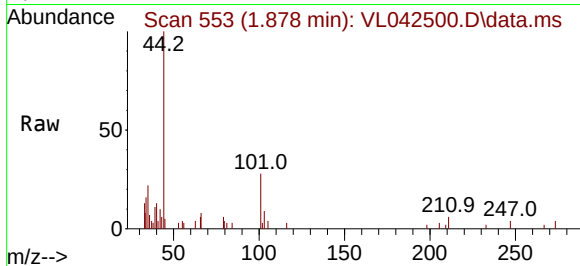




#11
 Trichlorofluoromethane
 Concen: 0.043 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

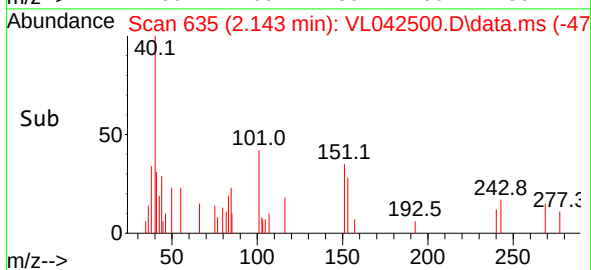
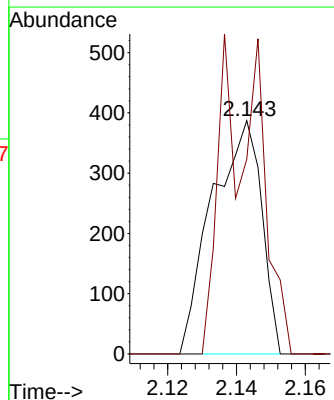
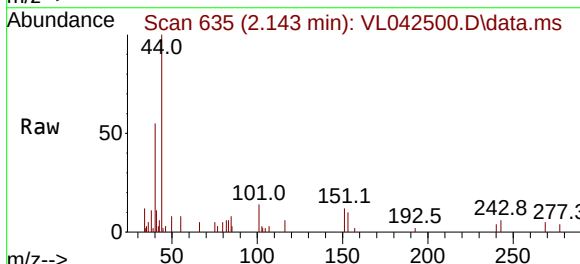
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

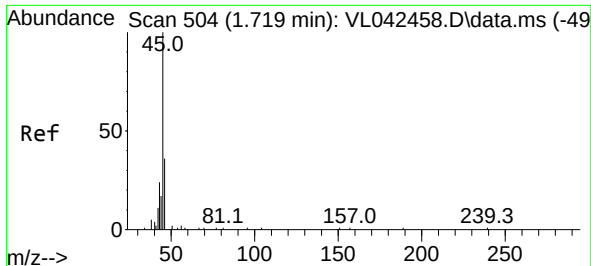
Tgt Ion:101 Resp: 427
 Ion Ratio Lower Upper
 101 100
 103 30.1 50.6 76.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.048 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.007 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion:101 Resp: 386
 Ion Ratio Lower Upper
 101 100
 151 105.2 54.6 82.0#

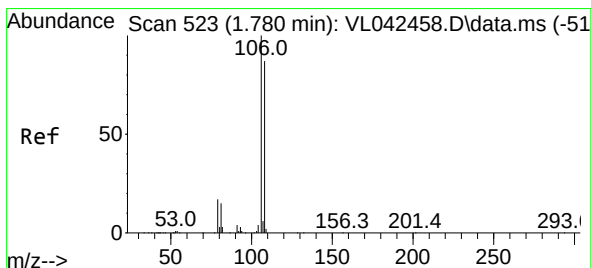
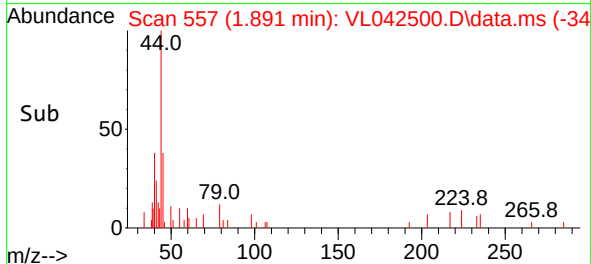
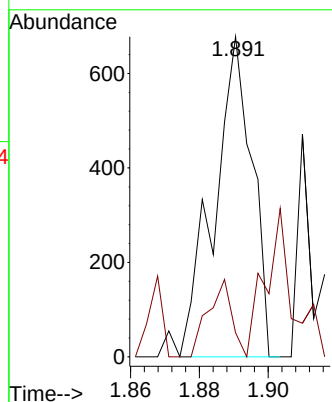
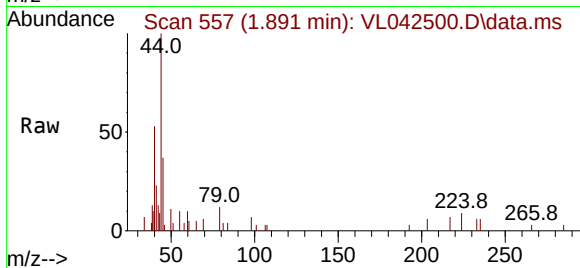




#13
Ethanol
Concen: 0.679 ppbv
RT: 1.891 min Scan# 518
Delta R.T. 0.172 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

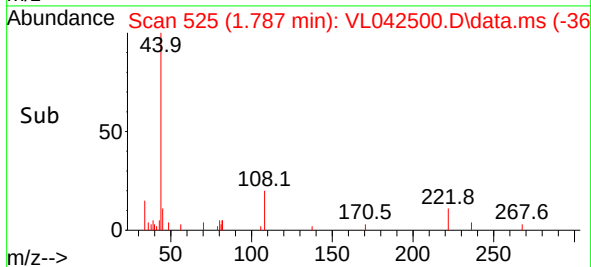
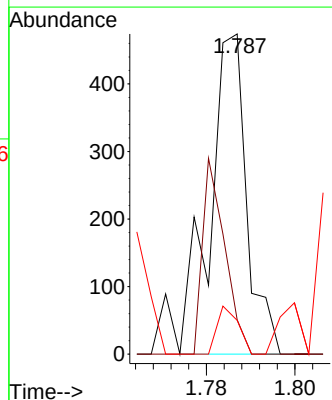
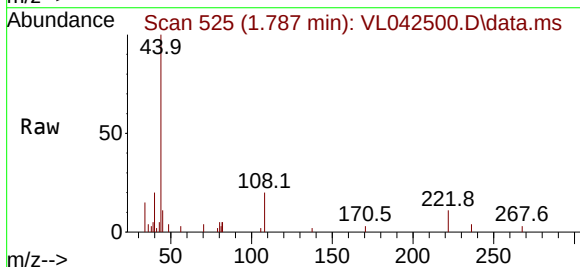
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

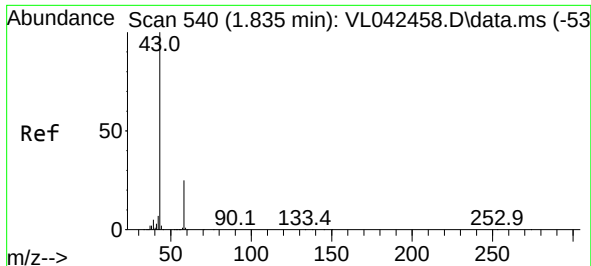
Tgt Ion: 45 Resp: 518
Ion Ratio Lower Upper
45 100
46 73.0 15.3 61.1#



#14
Bromoethene
Concen: 0.093 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:108 Resp: 275
Ion Ratio Lower Upper
108 100
106 36.7 88.8 133.2#
79 49.1 17.1 25.7#





#15

Acetone

Concen: 0.151 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

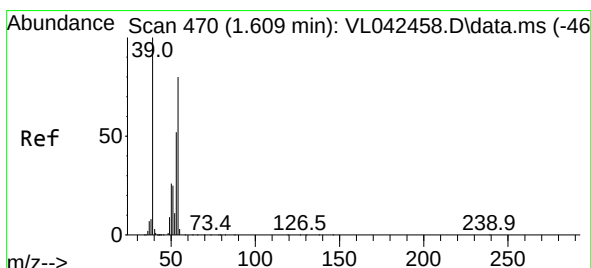
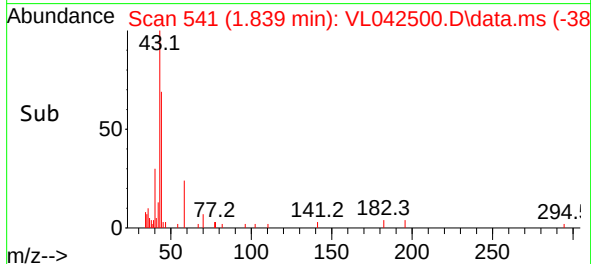
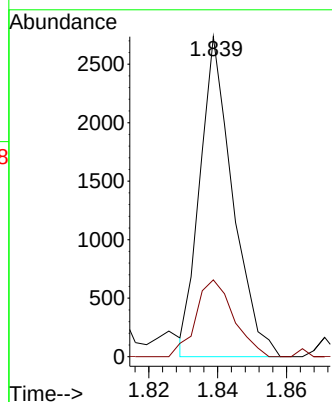
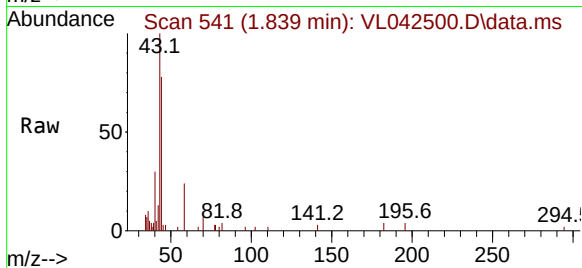
MDL3 0.03

Tgt Ion: 43 Resp: 1814

Ion Ratio Lower Upper

43 100

58 28.3 19.8 29.8



#16

1,3-Butadiene

Concen: 0.047 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.007 min

Lab File: VL042500.D

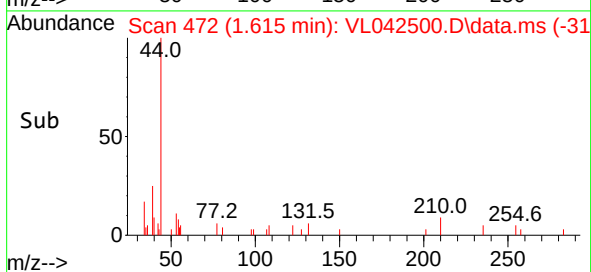
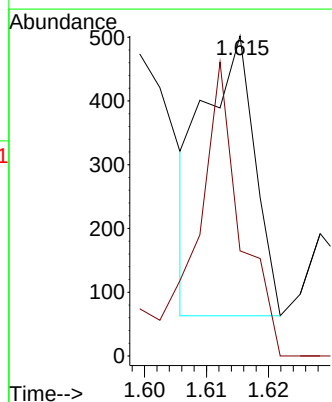
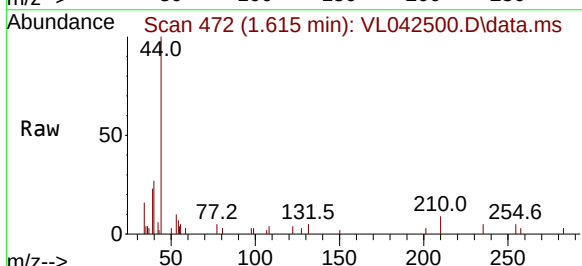
Acq: 06 May 2025 17:04

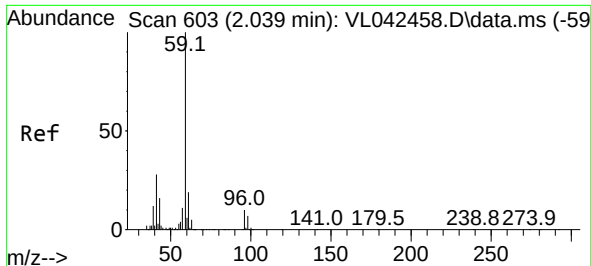
Tgt Ion: 39 Resp: 250

Ion Ratio Lower Upper

39 100

54 94.4 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.044 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.010 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

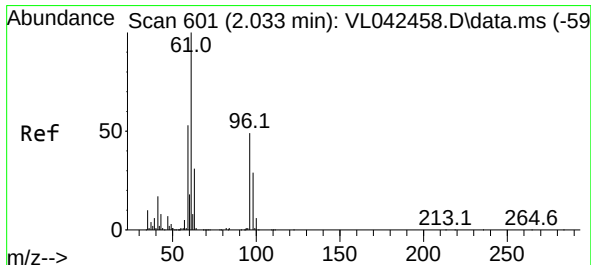
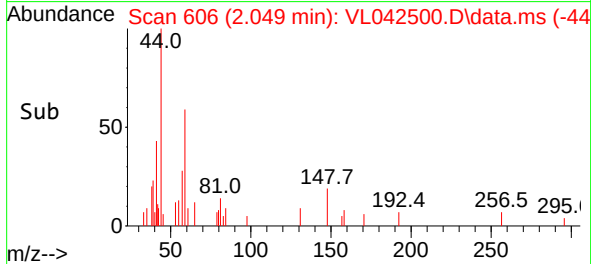
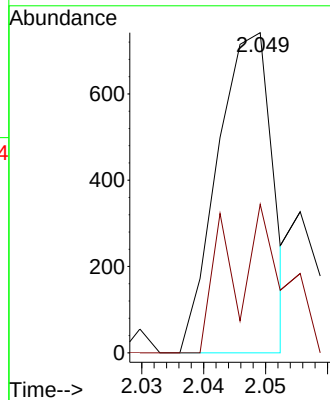
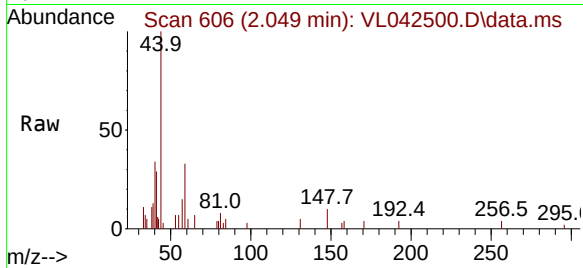
MDL3 0.03

Tgt Ion: 59 Resp: 461

Ion Ratio Lower Upper

59 100

57 49.5 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.097 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

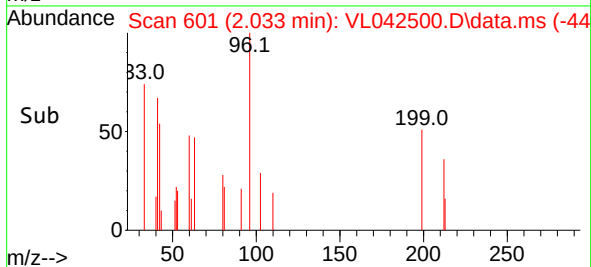
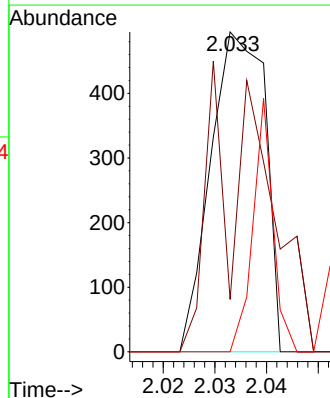
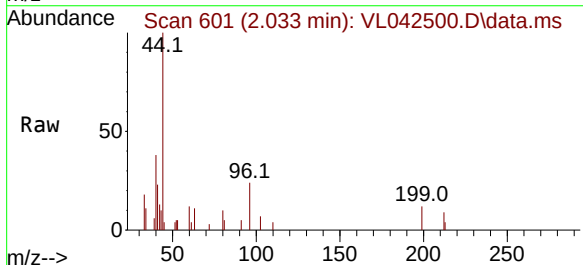
Tgt Ion: 96 Resp: 361

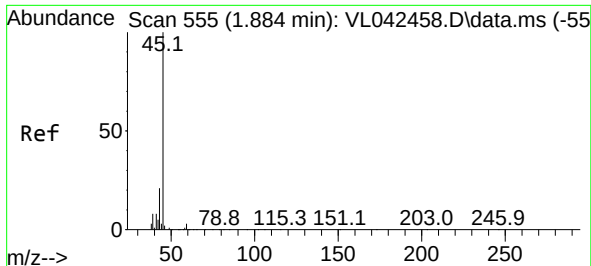
Ion Ratio Lower Upper

96 100

61 16.4 164.9 247.3#

98 0.0 48.2 72.2#

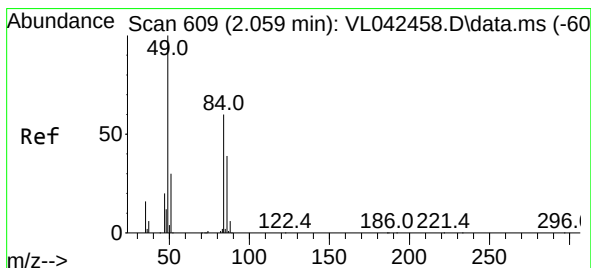
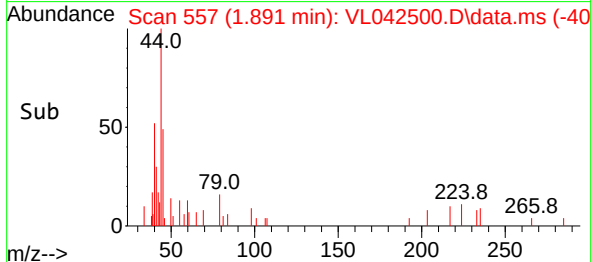
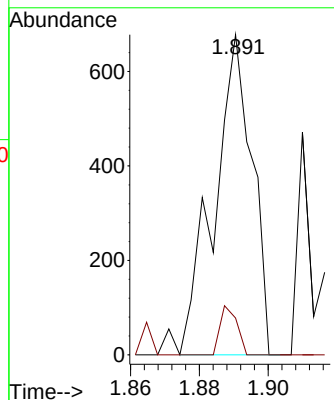
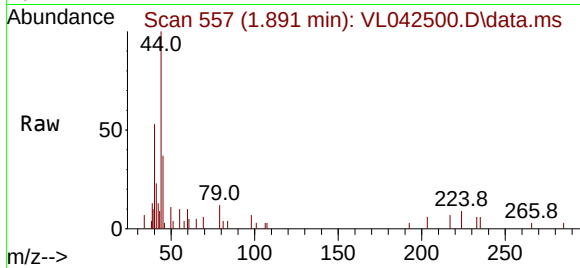




#19
Isopropyl Alcohol
Concen: 0.078 ppbv
RT: 1.891 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

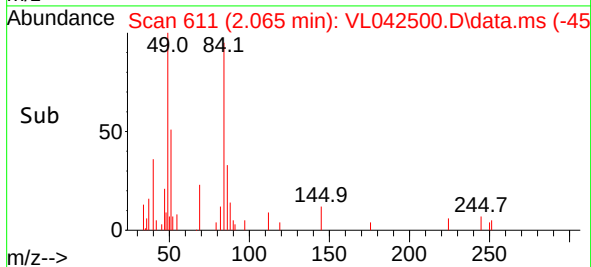
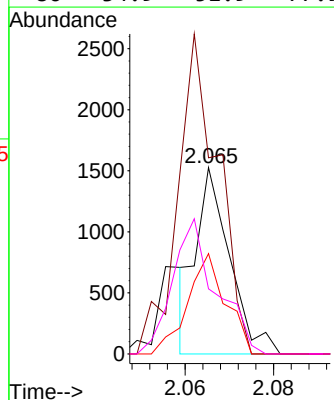
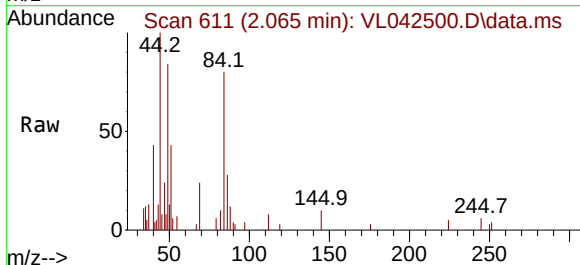
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

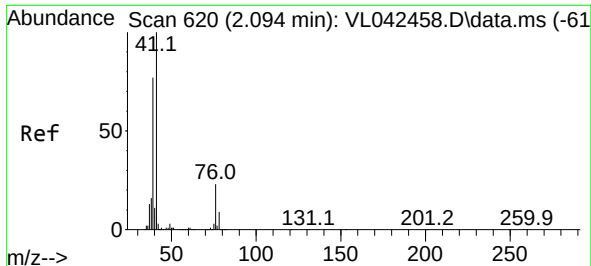
Tgt Ion: 45 Resp: 518
Ion Ratio Lower Upper
45 100
58 6.8 1.6 2.4#



#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 84 Resp: 799
Ion Ratio Lower Upper
84 100
49 105.2 133.9 200.9#
51 53.8 41.0 61.6
86 34.9 51.9 77.9#

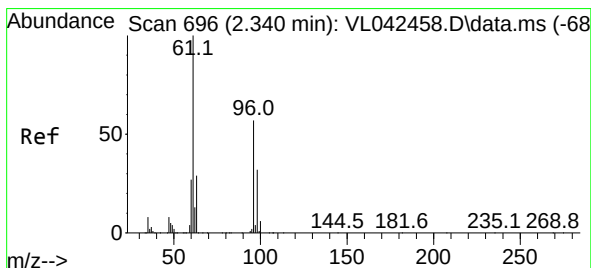
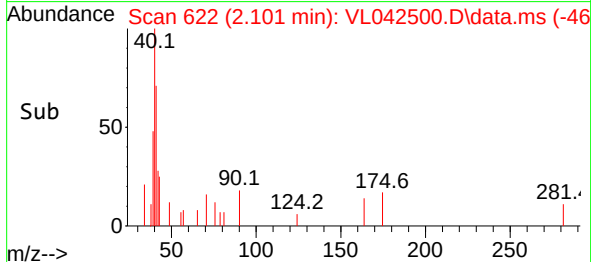
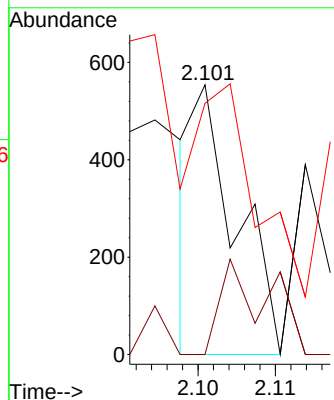
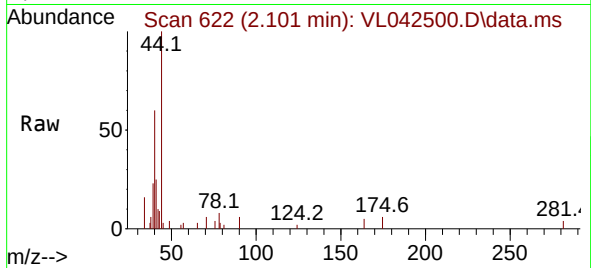




#21
 Allyl Chloride
 Concen: 0.027 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

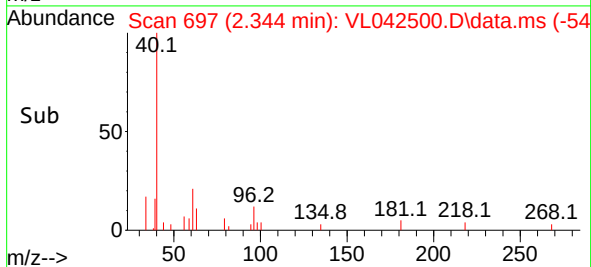
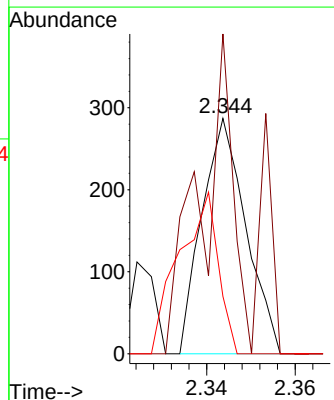
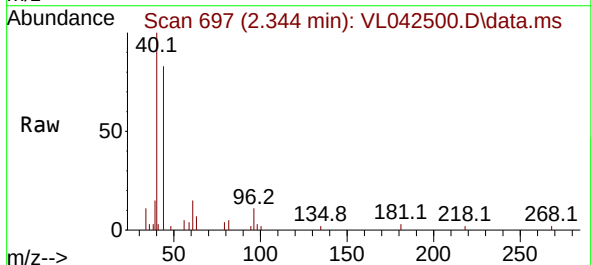
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

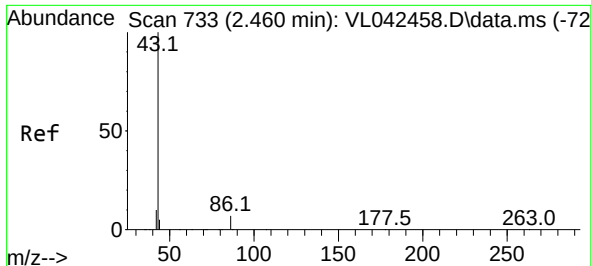
Tgt Ion: 41 Resp: 210
 Ion Ratio Lower Upper
 41 100
 76 49.0 19.6 29.4#
 39 0.0 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.045 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion: 96 Resp: 198
 Ion Ratio Lower Upper
 96 100
 61 135.9 141.8 212.6#
 98 24.4 45.0 67.6#

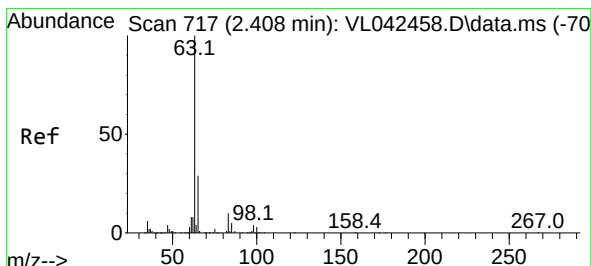
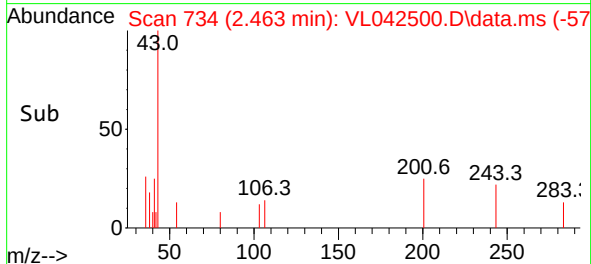
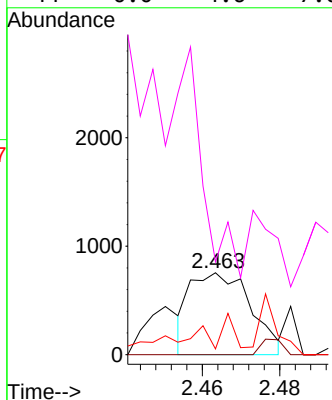
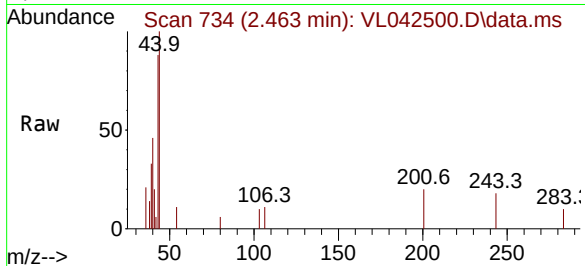




#23
 Vinyl Acetate
 Concen: 0.072 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

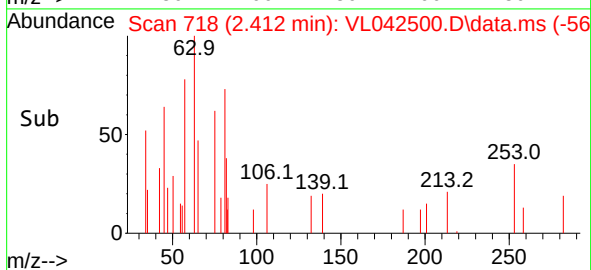
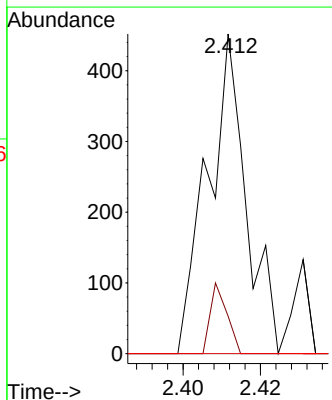
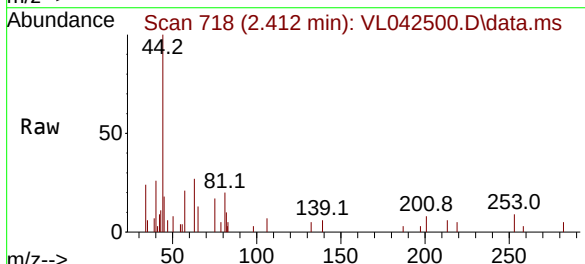
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

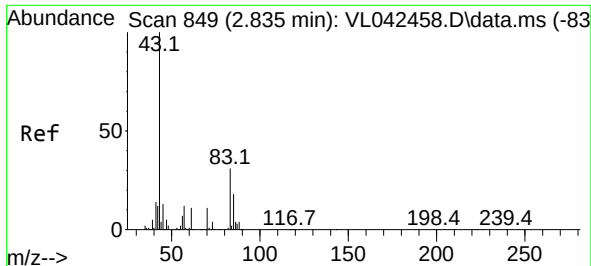
Tgt Ion: 43	Resp: 823
Ion Ratio	Lower Upper
43 100	
86 0.0	5.5 8.3#
42 0.0	8.3 12.5#
44 0.0	4.6 7.0#



#24
 1,1-Dichloroethane
 Concen: 0.035 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion: 63	Resp:	313	
Ion Ratio	Lower	Upper	
63 100			
98 11.7	1.8	5.5#	
100 0.0	1.4	4.2#	





#25

Ethyl Acetate

Concen: 0.004 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.000 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

Tgt Ion: 43 Resp: 82

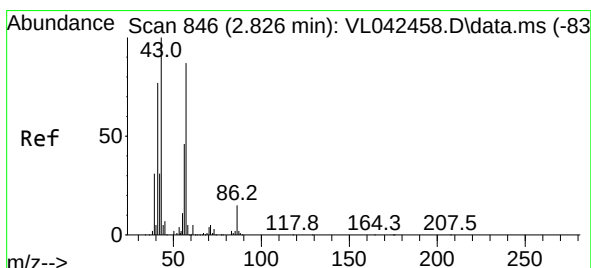
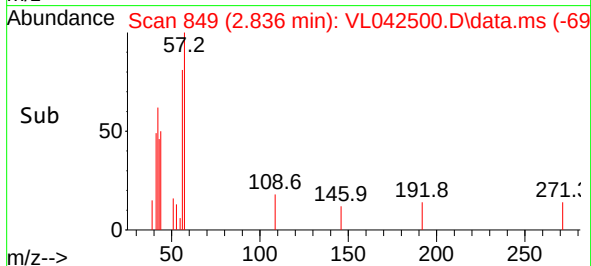
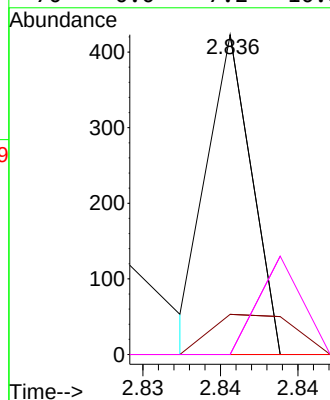
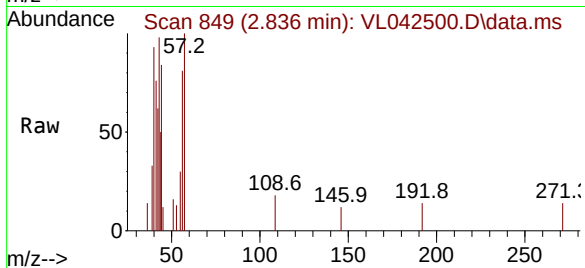
Ion Ratio Lower Upper

43 100

45 24.4 7.8 11.6#

61 0.0 7.2 10.8#

70 0.0 7.2 10.8#



#26

Hexane

Concen: 0.027 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Tgt Ion: 57 Resp: 222

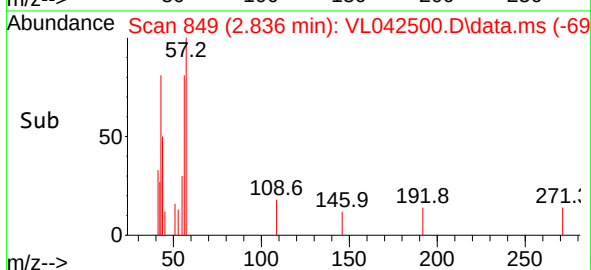
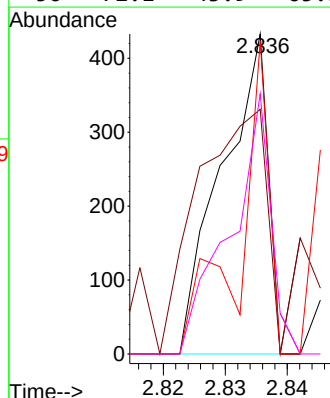
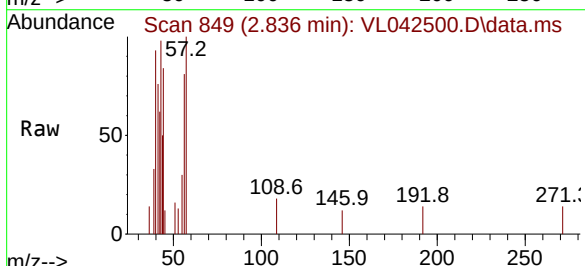
Ion Ratio Lower Upper

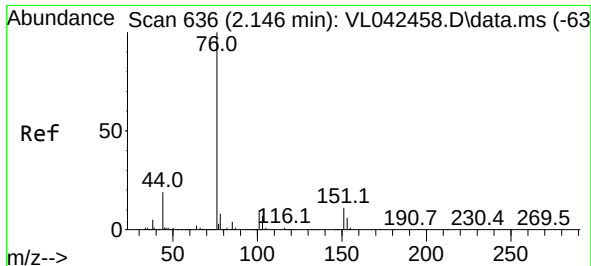
57 100

41 170.3 77.8 116.8#

43 309.5 187.0 280.6#

56 72.1 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.061 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

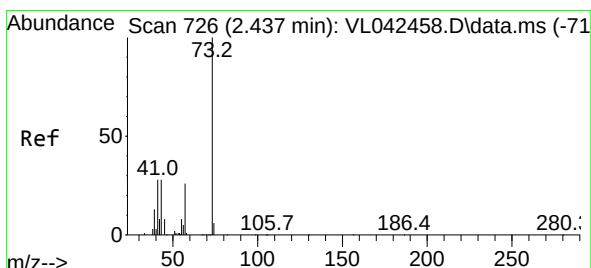
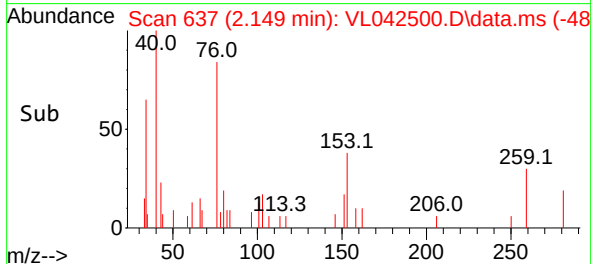
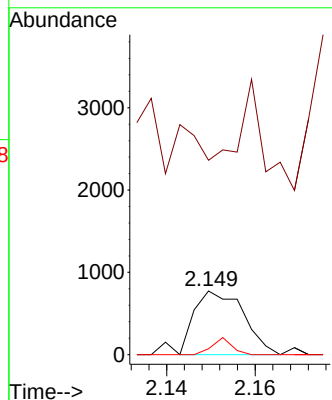
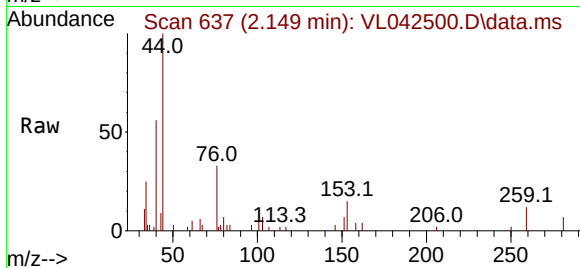
Tgt Ion: 76 Resp: 598

Ion Ratio Lower Upper

76 100

44 0.0 21.0 31.6#

78 10.7 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 0.018 ppbv

RT: 2.438 min Scan# 726

Delta R.T. 0.000 min

Lab File: VL042500.D

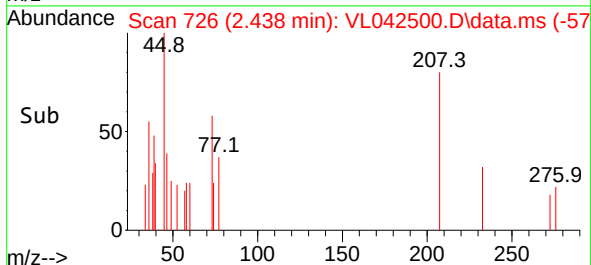
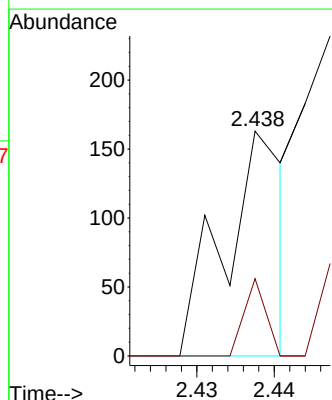
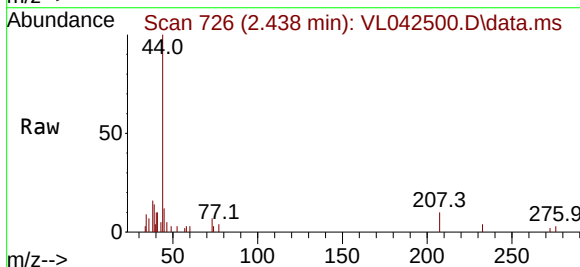
Acq: 06 May 2025 17:04

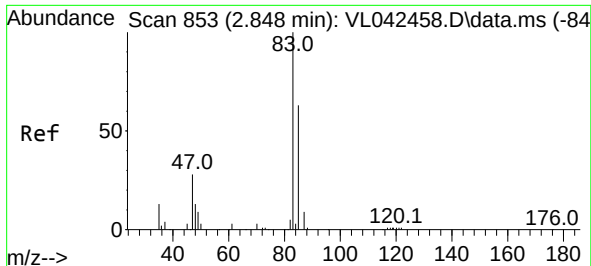
Tgt Ion: 73 Resp: 89

Ion Ratio Lower Upper

73 100

57 0.0 19.9 29.9#





#29

Chloroform

Concen: 0.036 ppbv

RT: 2.858 min Scan# 856

Delta R.T. 0.010 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

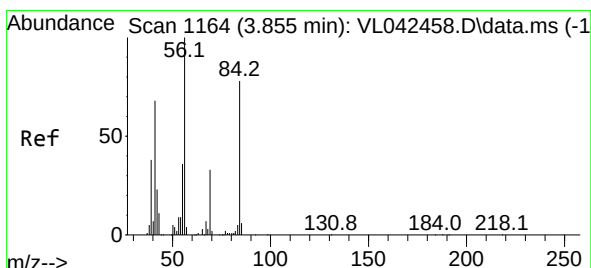
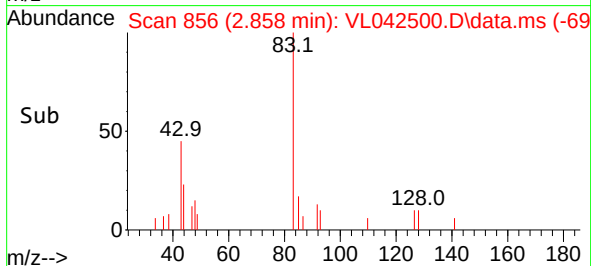
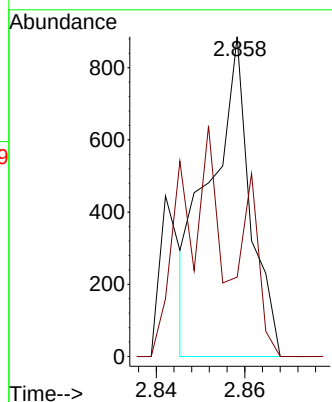
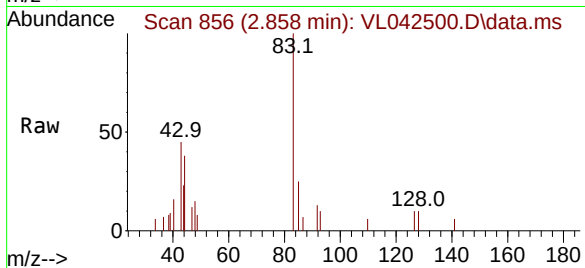
MDL3 0.03

Tgt Ion: 83 Resp: 563

Ion Ratio Lower Upper

83 100

85 24.8 50.4 75.6#



#30

Cyclohexane

Concen: 0.016 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

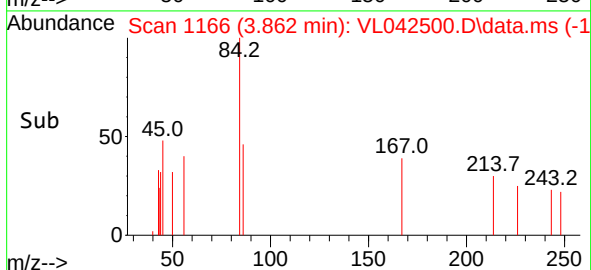
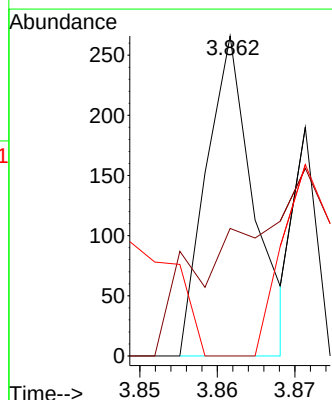
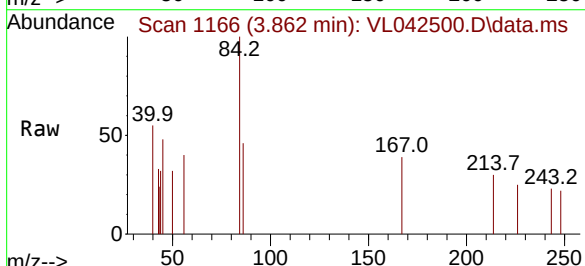
Tgt Ion: 84 Resp: 114

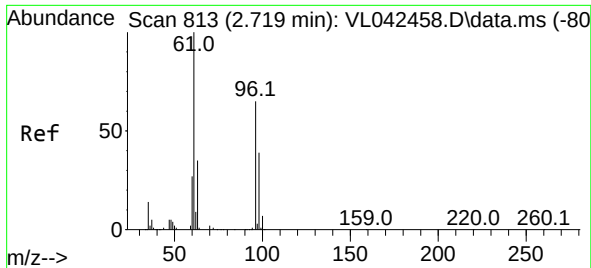
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 0.0 65.8 98.8#

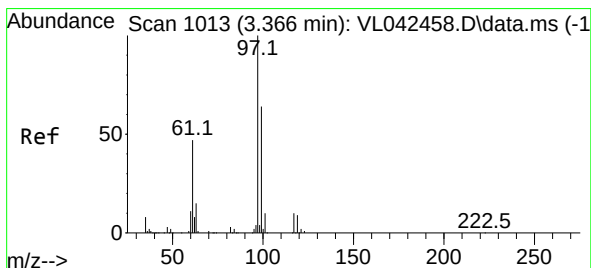
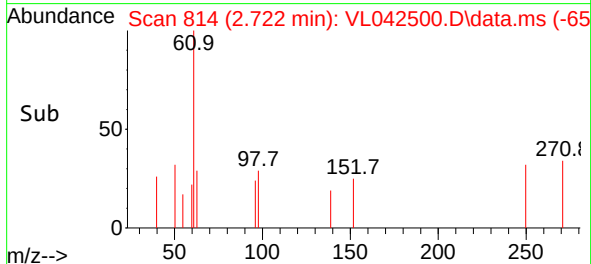
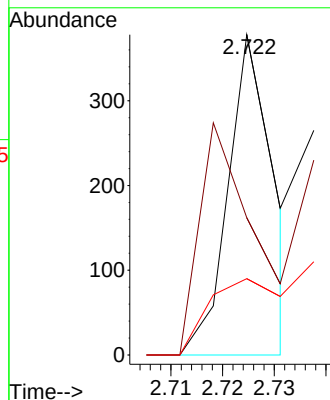
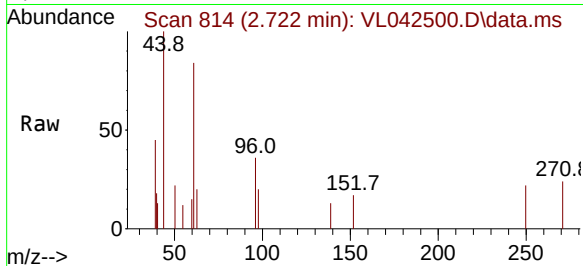




#31
 cis-1,2-Dichloroethene
 Concen: 0.012 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

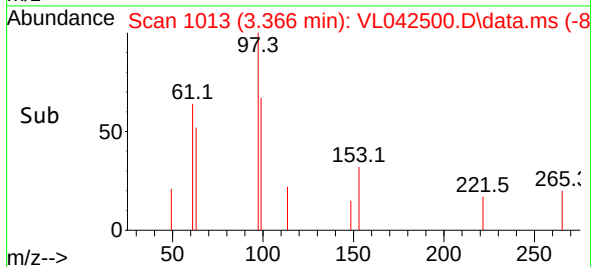
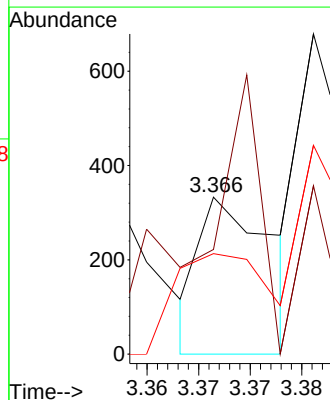
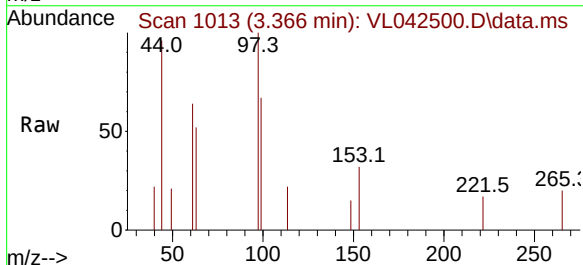
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

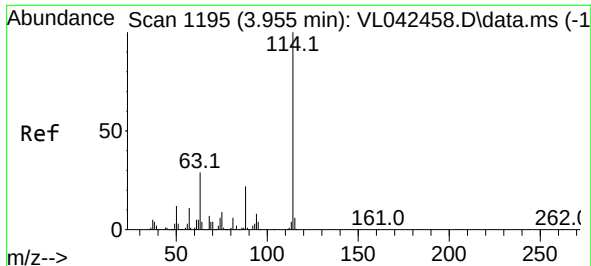
Tgt Ion: 61 Resp: 118
 Ion Ratio Lower Upper
 61 100
 96 42.9 52.0 78.0#
 98 23.8 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.010 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion: 97 Resp: 164
 Ion Ratio Lower Upper
 97 100
 99 262.8 50.7 76.1#
 61 0.0 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: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

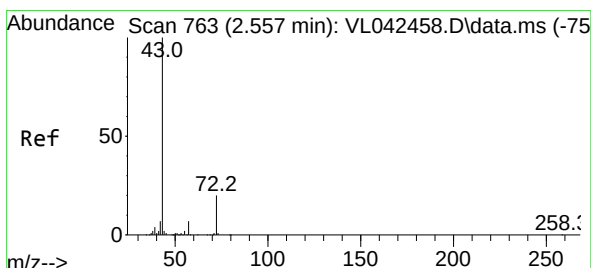
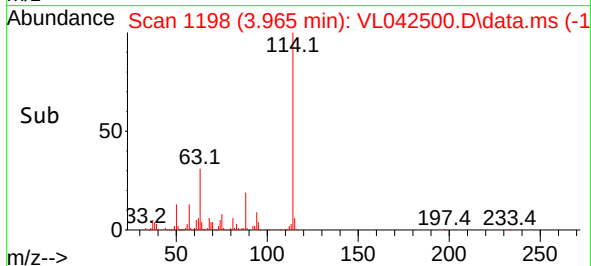
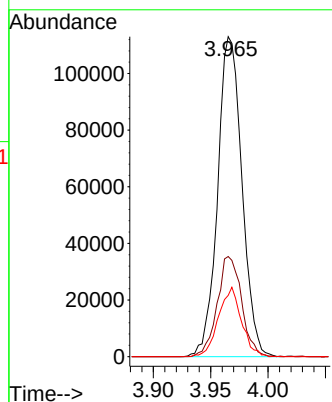
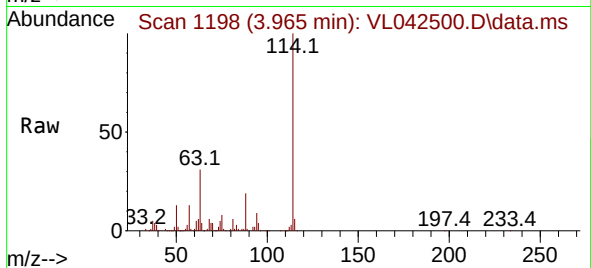
Tgt Ion:114 Resp: 166790

Ion Ratio Lower Upper

114 100

63 31.3 23.1 34.7

88 20.5 16.1 24.1



#34

2-Butanone

Concen: 0.036 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042500.D

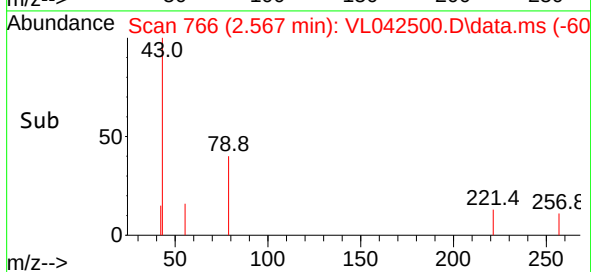
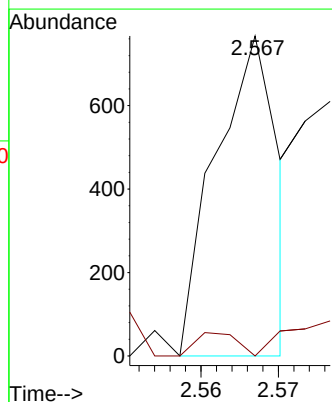
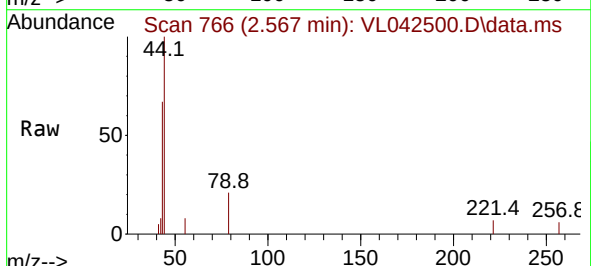
Acq: 06 May 2025 17:04

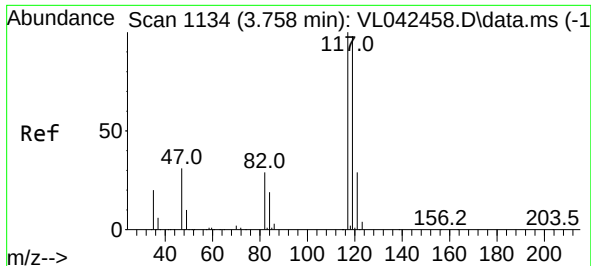
Tgt Ion: 43 Resp: 432

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#

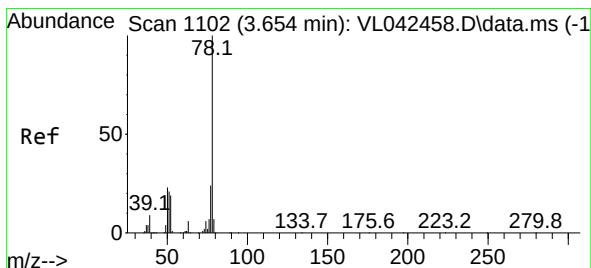
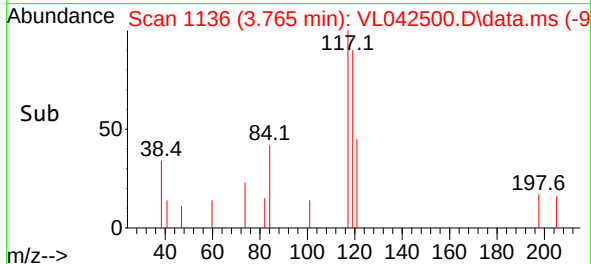
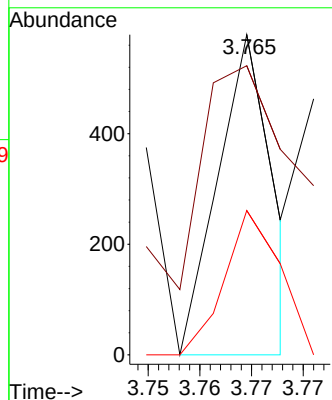
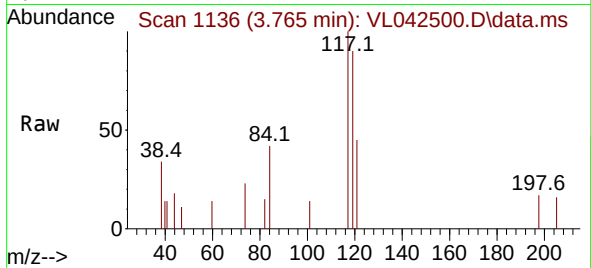




#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

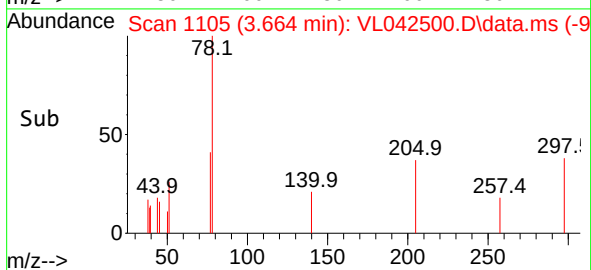
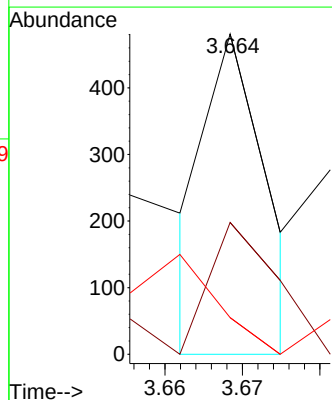
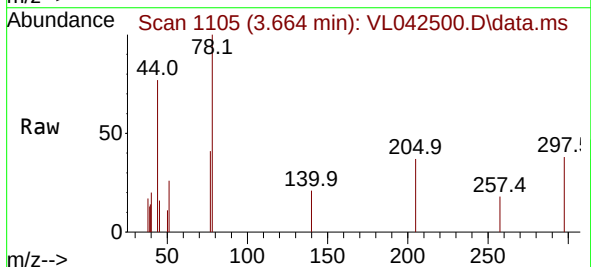
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

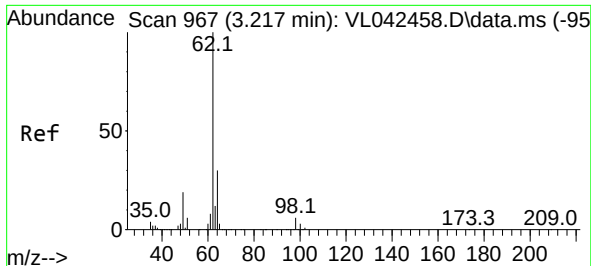
Tgt Ion: 117 Resp: 214
Ion Ratio Lower Upper
117 100
119 69.9 78.1 117.1#
121 45.1 23.0 34.6#



#36
Benzene
Concen: 0.008 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 78 Resp: 129
Ion Ratio Lower Upper
78 100
77 66.4 18.9 28.3#
50 18.5 18.4 27.6

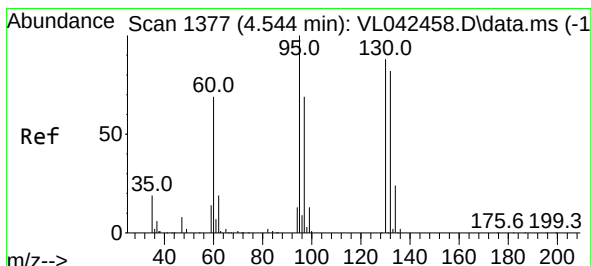
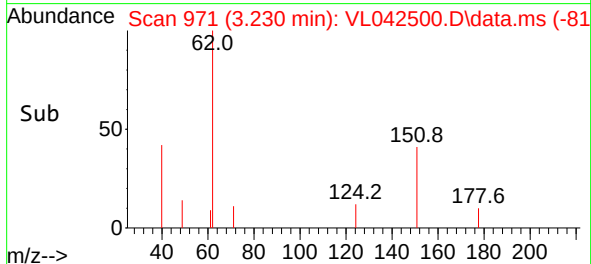
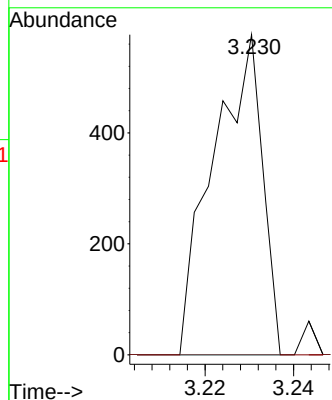
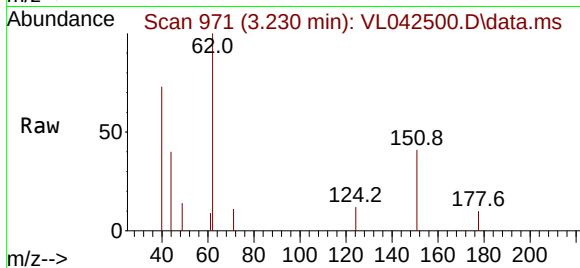




#37
1,2-Dichloroethane
Concen: 0.037 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

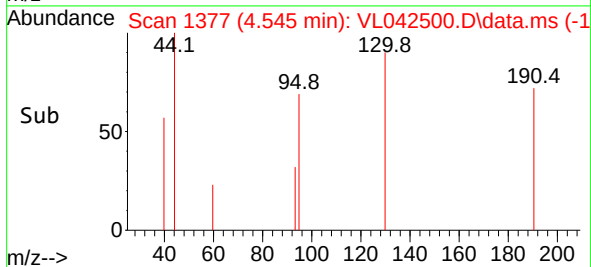
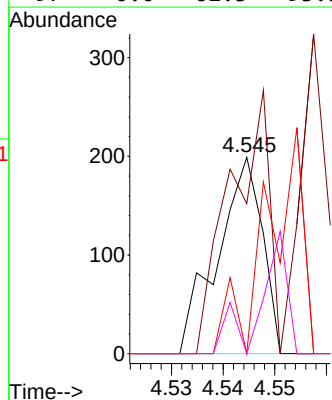
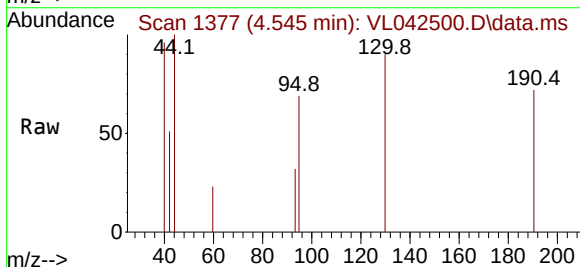
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

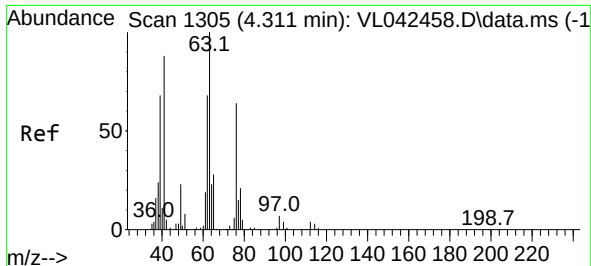
Tgt Ion: 62 Resp: 445
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.020 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:130 Resp: 120
Ion Ratio Lower Upper
130 100
95 76.4 91.0 136.4#
132 0.0 74.2 111.4#
97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.853 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.346 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

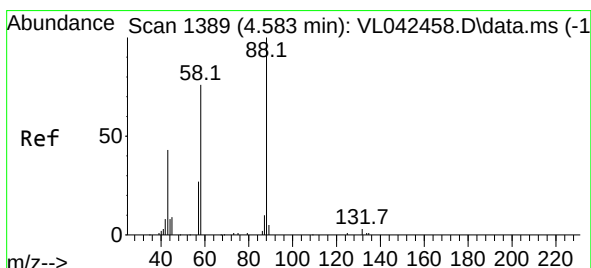
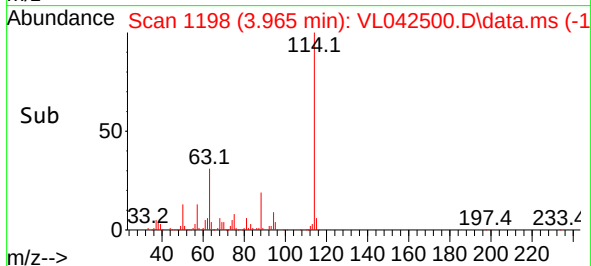
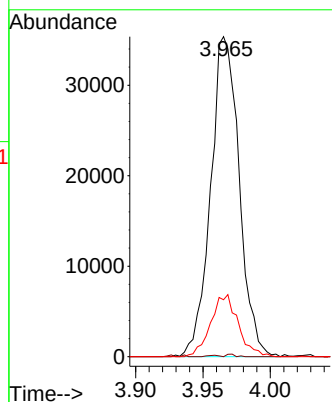
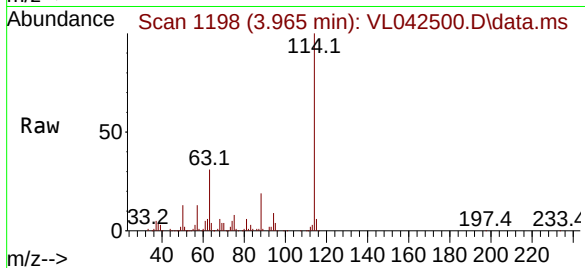
Tgt Ion: 63 Resp: 52162

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 17.8 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.017 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.023 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Tgt Ion: 88 Resp: 47

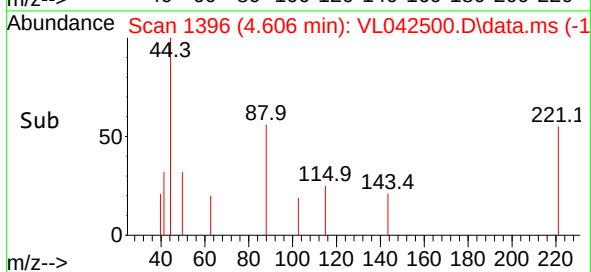
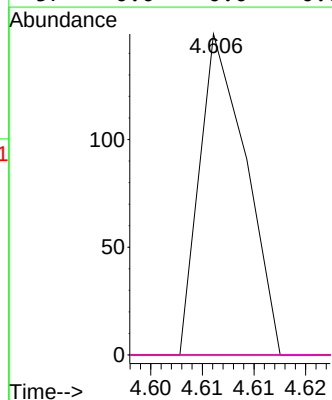
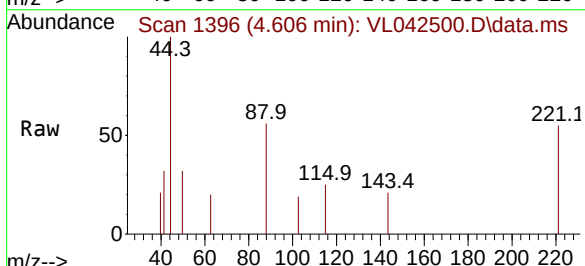
Ion Ratio Lower Upper

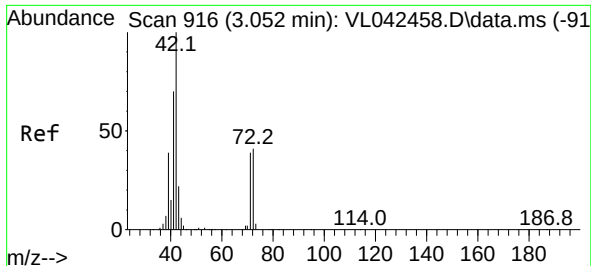
88 100

58 0.0 0.0 0.0

43 146.8 0.0 0.0#

57 0.0 0.0 0.0

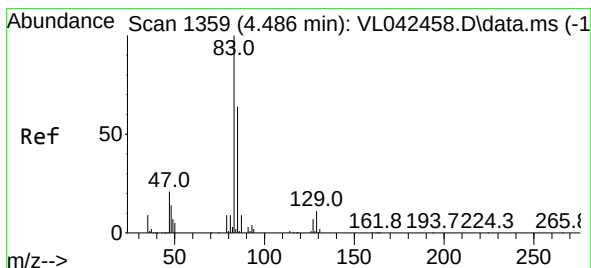
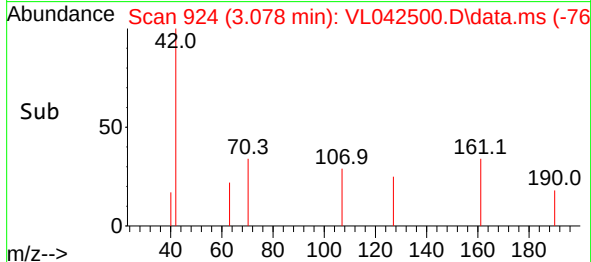
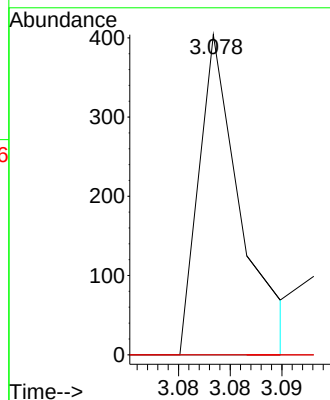
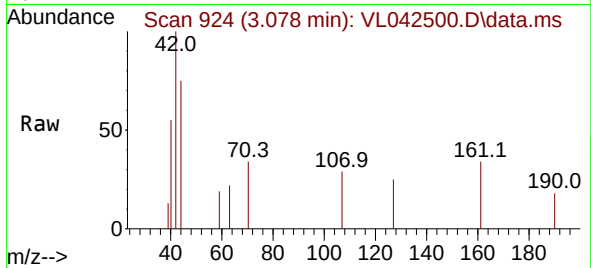




#41
Tetrahydrofuran
Concen: 0.020 ppbv
RT: 3.078 min Scan# 916
Delta R.T. 0.026 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

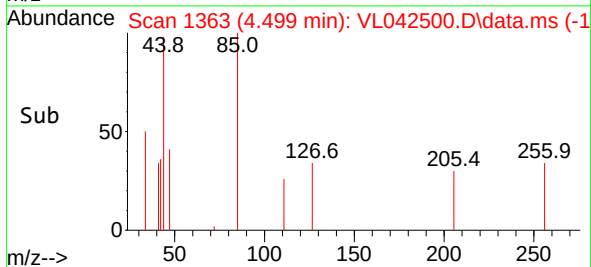
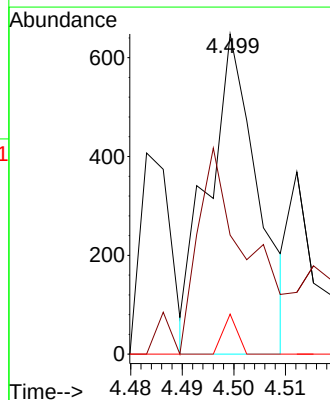
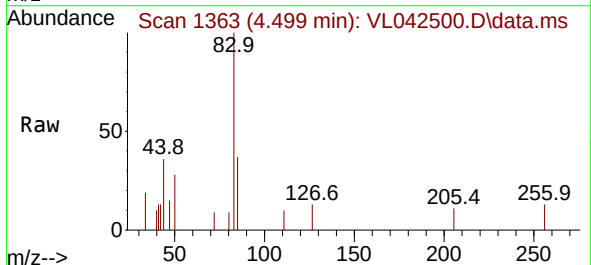
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

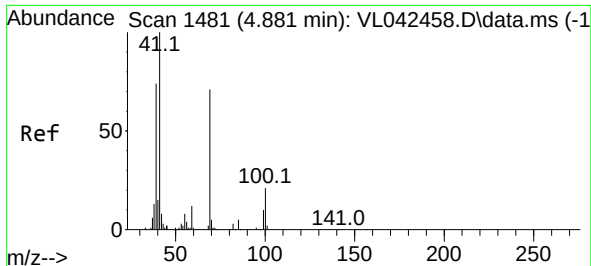
Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.029 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 83 Resp: 435
Ion Ratio Lower Upper
83 100
85 42.0 51.5 77.3#
127 14.1 5.4 8.2#

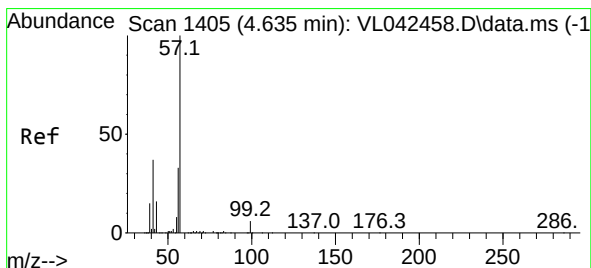
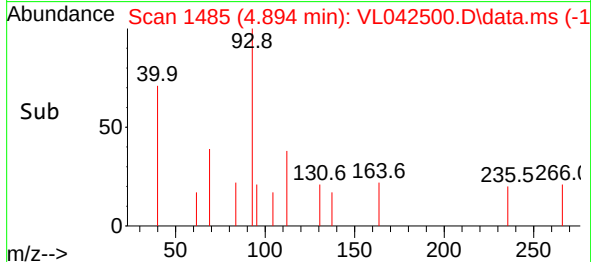
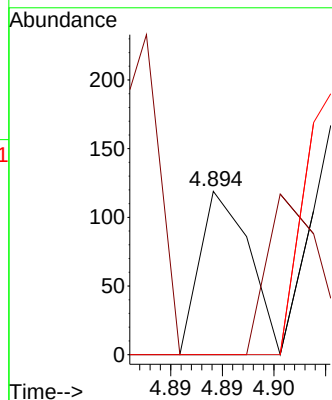
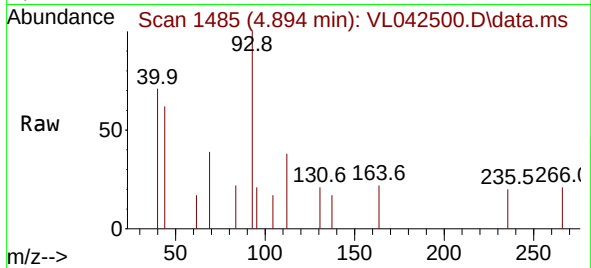




#43
Methyl Methacrylate
Concen: 0.007 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.013 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

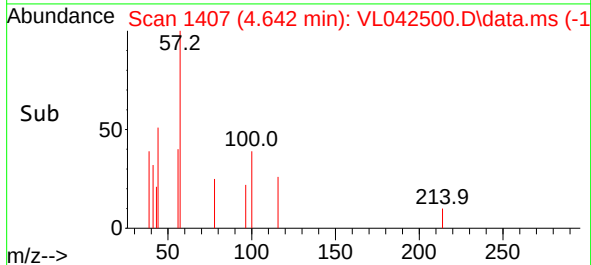
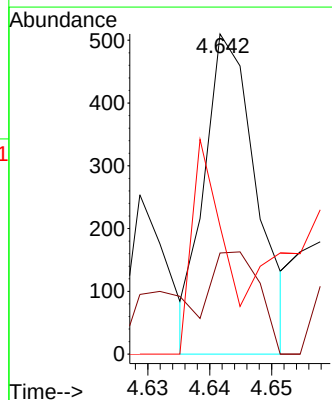
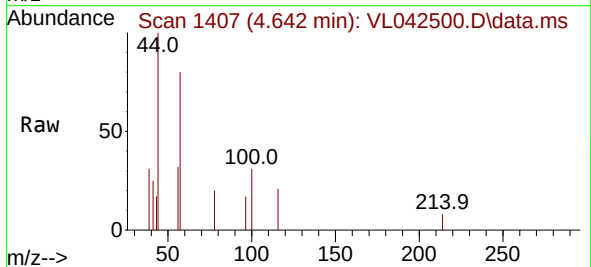
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

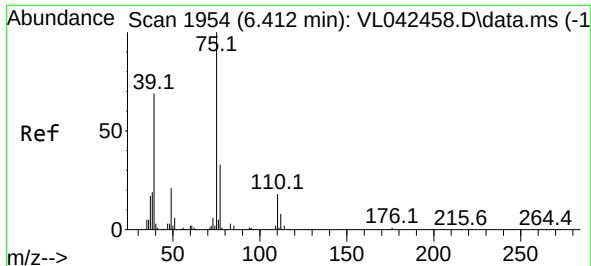
Tgt Ion: 69 Resp: 40
Ion Ratio Lower Upper
69 100
41 390.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 57 Resp: 298
Ion Ratio Lower Upper
57 100
41 51.0 30.6 45.8#
56 0.0 25.0 37.6#

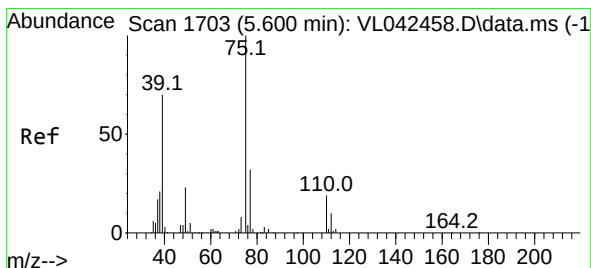
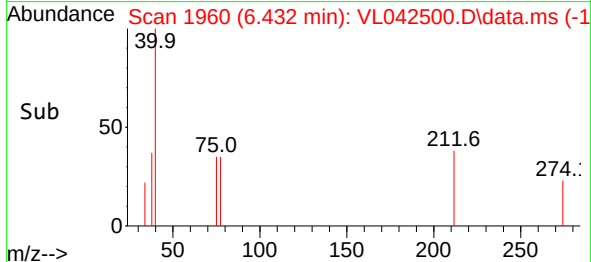
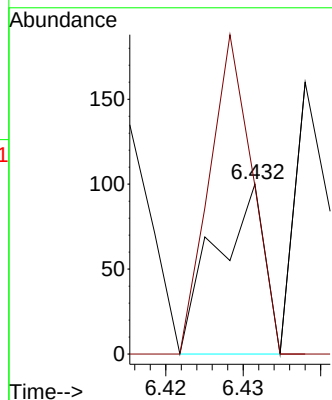
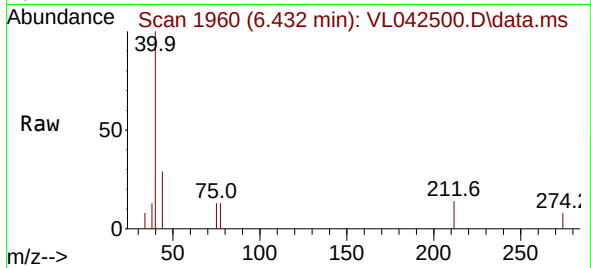




#45
t-1,3-Dichloropropene
Concen: 0.006 ppbv
RT: 6.432 min Scan# 1954
Delta R.T. 0.020 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

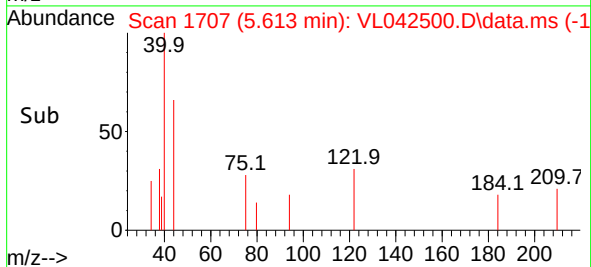
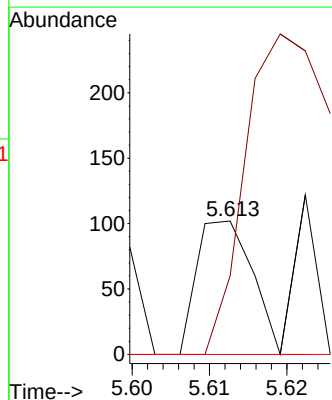
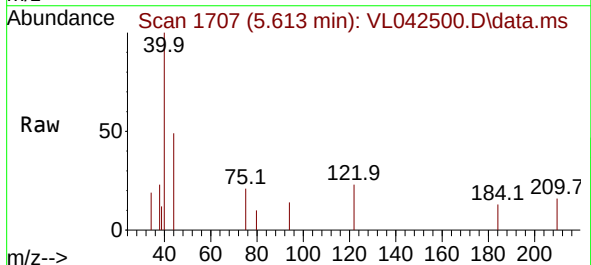
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

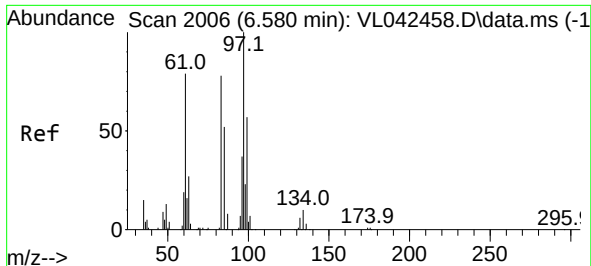
Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 99.0 26.3 39.5#



#46
cis-1,3-Dichloropropene
Concen: 0.006 ppbv
RT: 5.613 min Scan# 1707
Delta R.T. 0.013 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
39 58.8 55.7 83.5
77 0.0 25.8 38.8#

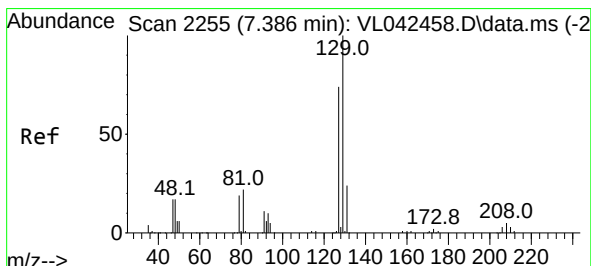
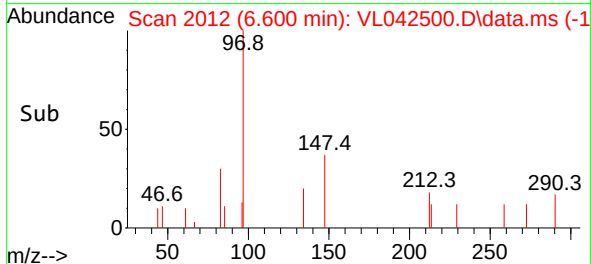
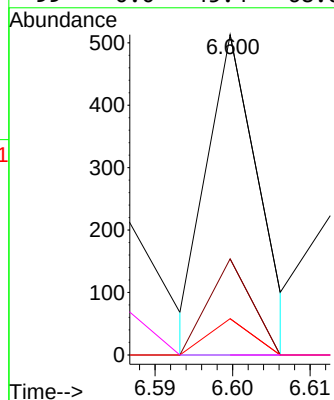
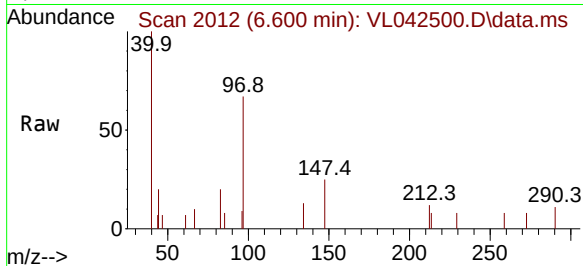




#47
1,1,2-Trichloroethane
Concen: 0.018 ppbv
RT: 6.600 min Scan# 2006
Delta R.T. 0.020 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

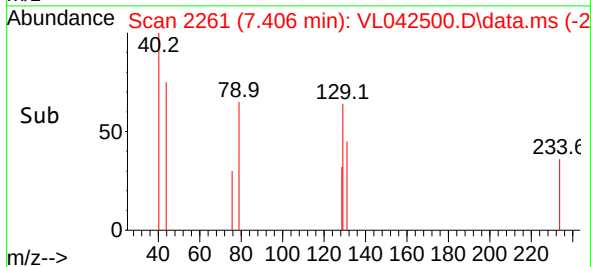
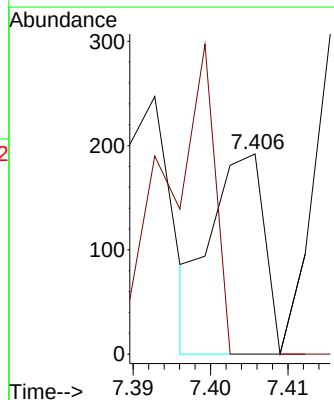
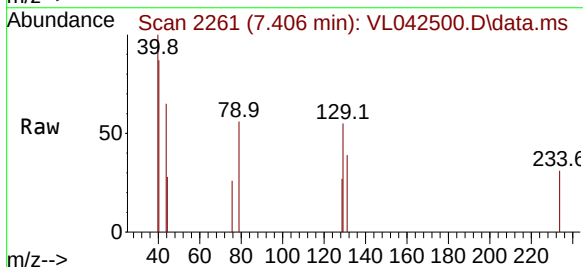
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

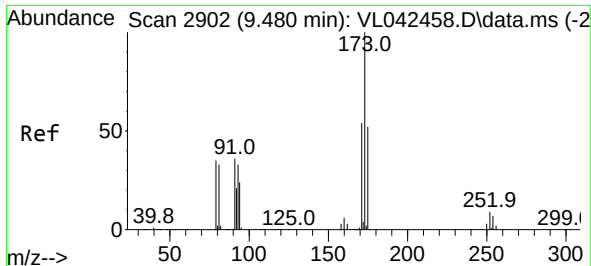
Tgt Ion:	97	Resp:	119
Ion	Ratio	Lower	Upper
97	100		
83	34.6	62.2	93.2#
85	13.0	41.5	62.3#
99	0.0	45.4	68.0#



#48
Dibromochloromethane
Concen: 0.008 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. 0.020 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:	129	Resp:	91
Ion	Ratio	Lower	Upper
129	100		
127	163.7	39.5	118.5#

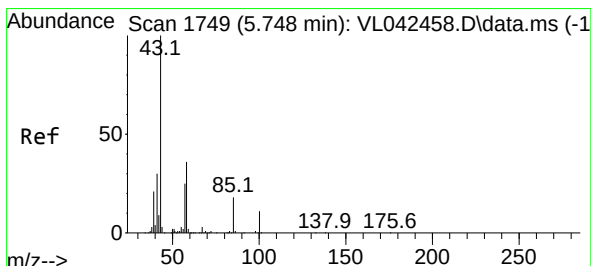
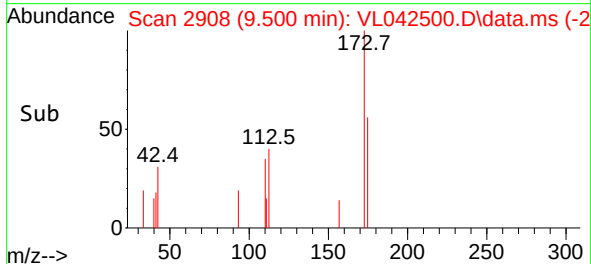
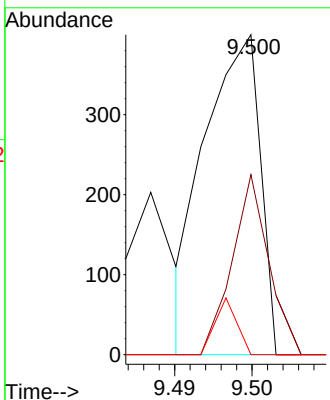
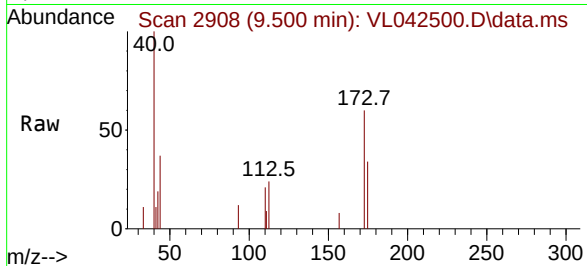




#49
Bromoform
Concen: 0.021 ppbv
RT: 9.500 min Scan# 2902
Delta R.T. 0.020 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

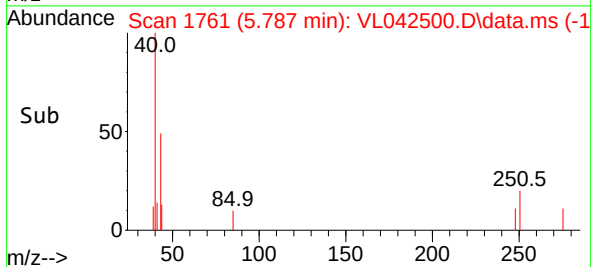
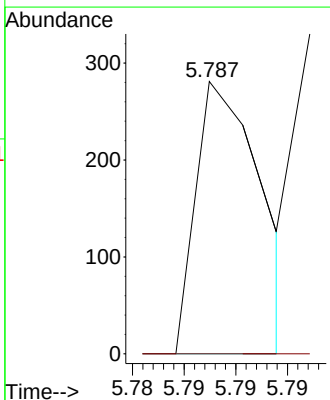
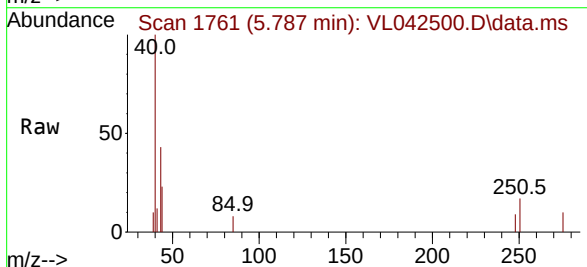
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

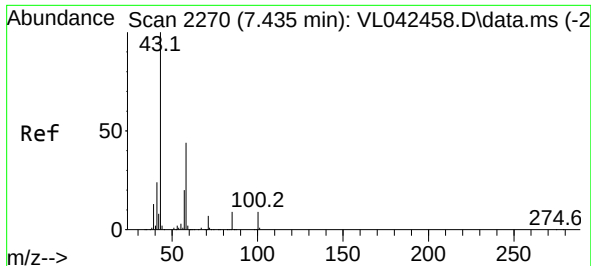
Tgt Ion:173 Resp: 196
Ion Ratio Lower Upper
173 100
175 44.4 38.9 58.3
171 7.1 40.6 60.8#



#50
4-Methyl-2-Pentanone
Concen: 0.008 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. 0.039 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#

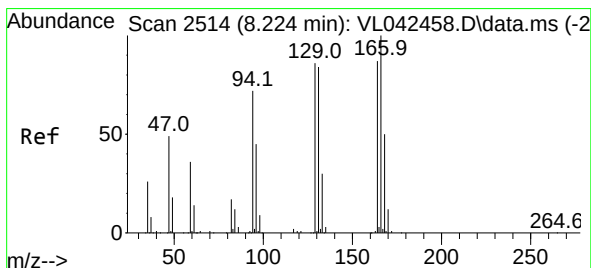
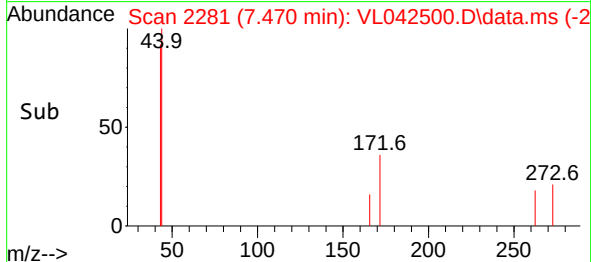
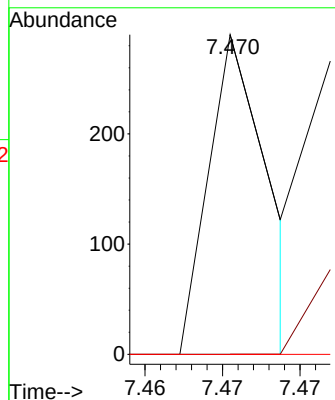
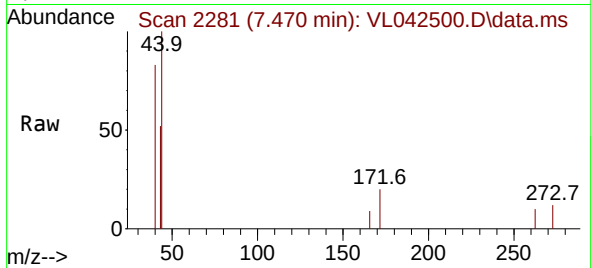




#51
 2-Hexanone
 Concen: 0.007 ppbv
 RT: 7.470 min Scan# 21
 Delta R.T. 0.036 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

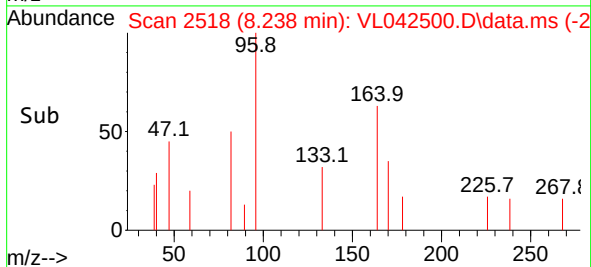
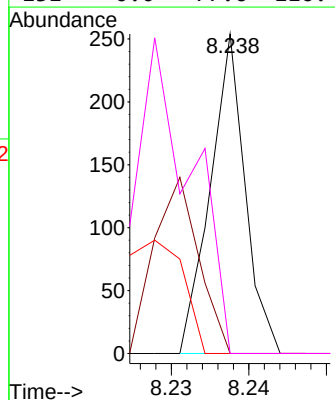
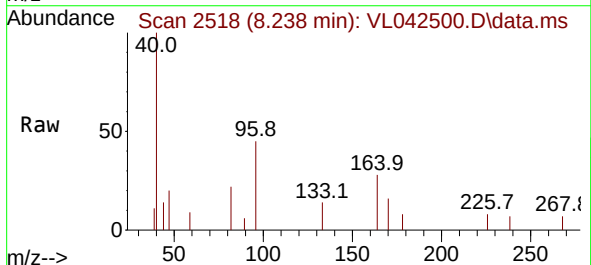
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

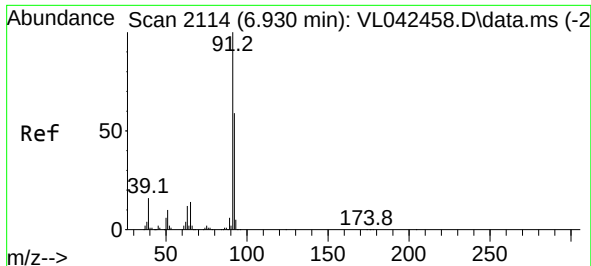
Tgt Ion: 43 Resp: 80
 Ion Ratio Lower Upper
 43 100
 58 0.0 37.2 55.8#
 98 0.0 0.4 0.6#



#52
 Tetrachloroethene
 Concen: 0.013 ppbv
 RT: 8.238 min Scan# 2518
 Delta R.T. 0.013 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion: 164 Resp: 79
 Ion Ratio Lower Upper
 164 100
 166 0.0 91.6 137.4#
 129 0.0 79.0 118.4#
 131 0.0 77.6 116.4#

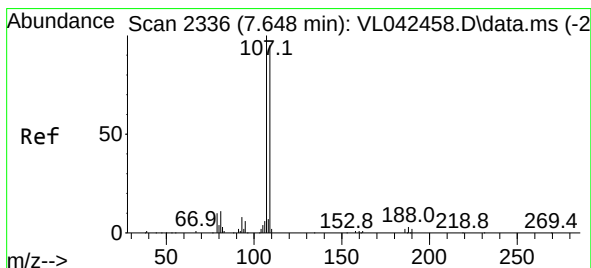
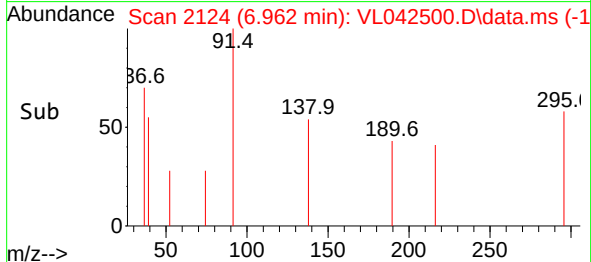
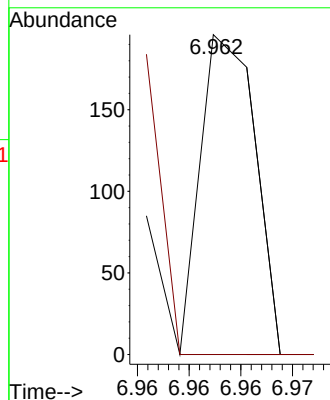
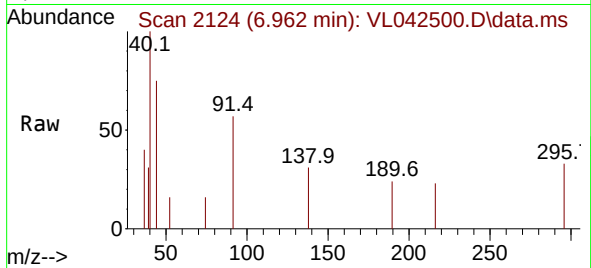




#53
Toluene
Concen: 0.004 ppbv
RT: 6.962 min Scan# 2114
Delta R.T. 0.033 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

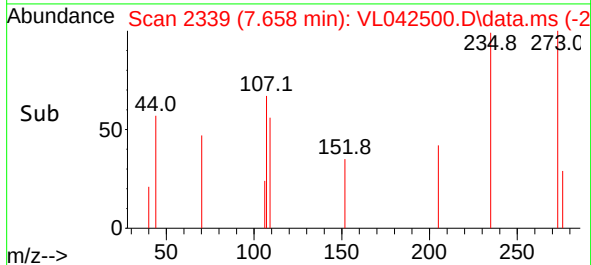
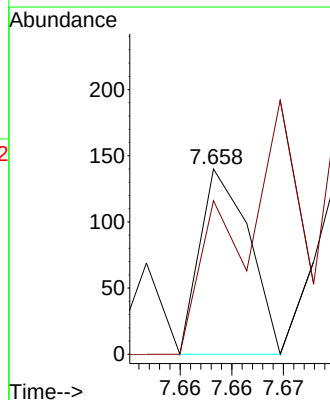
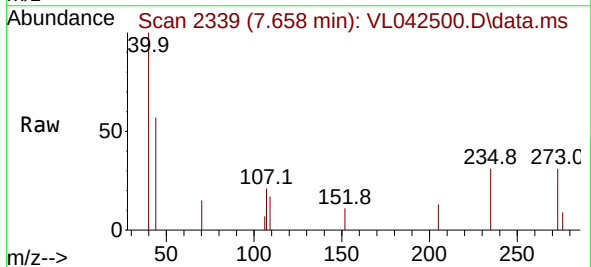
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

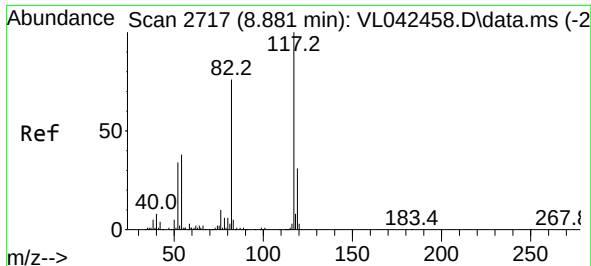
Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
92 55.6 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.005 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 107 Resp: 46
Ion Ratio Lower Upper
107 100
109 82.9 76.0 114.0

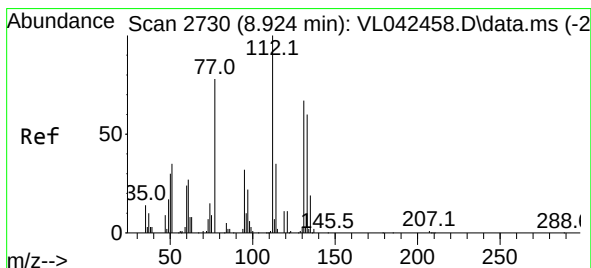
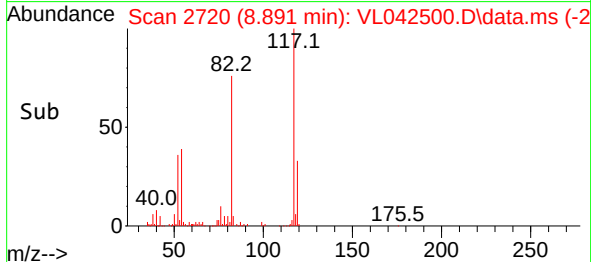
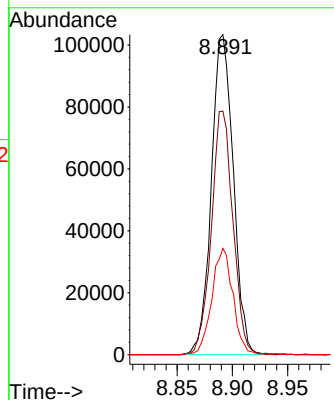
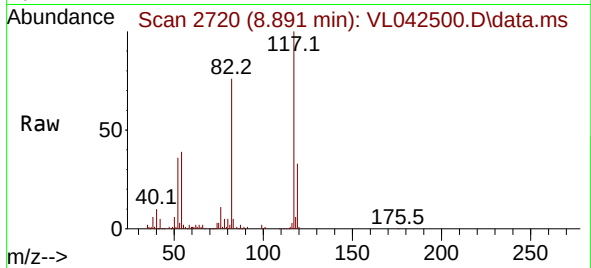




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2717
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

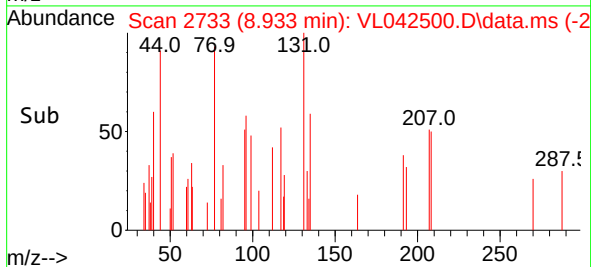
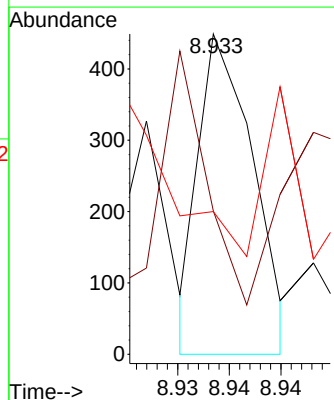
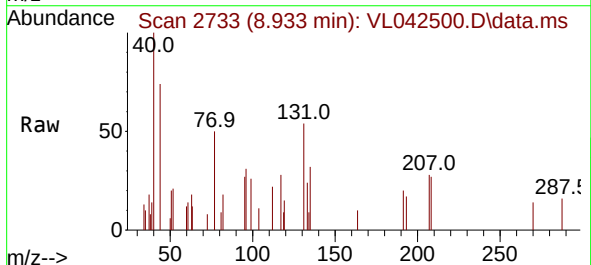
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

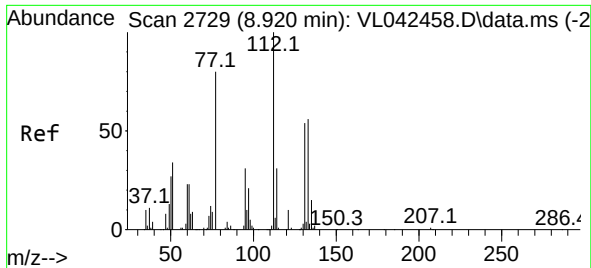
Tgt Ion:117 Resp: 142443
Ion Ratio Lower Upper
117 100
82 75.0 63.5 95.3
119 32.1 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.020 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:131 Resp: 165
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#

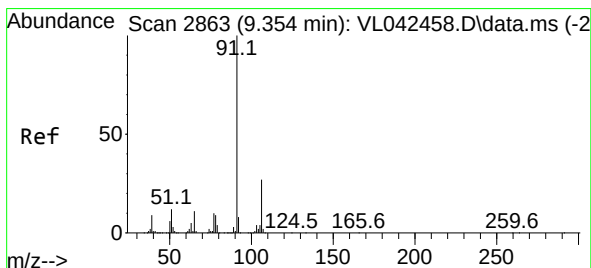
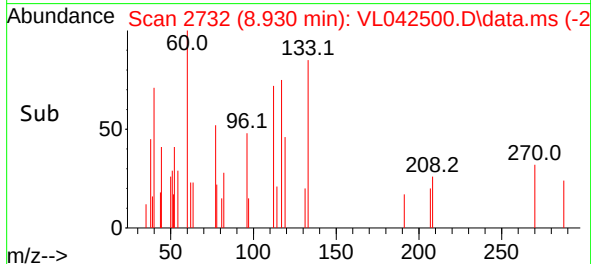
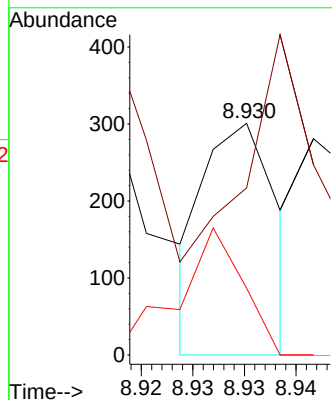
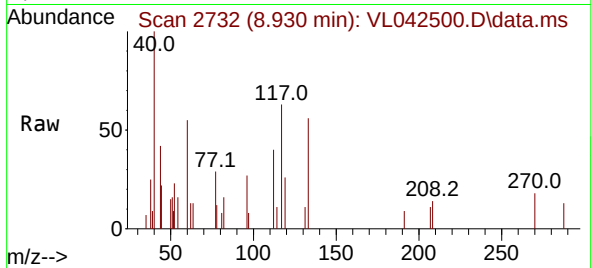




#57
Chlorobenzene
Concen: 0.010 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

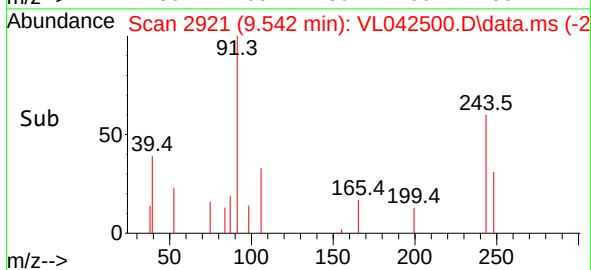
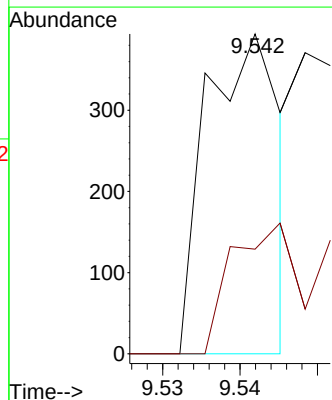
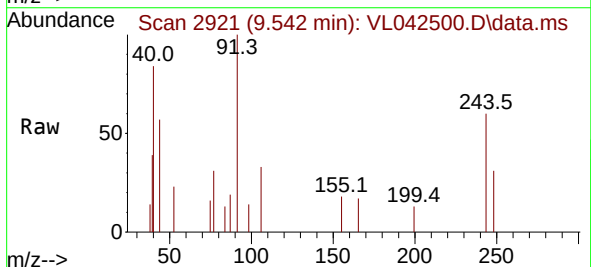
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

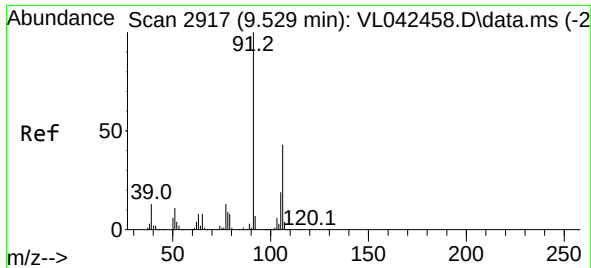
Tgt Ion: 112 Resp: 147
Ion Ratio Lower Upper
112 100
77 120.4 65.0 97.4#
114 55.4 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.011 ppbv
RT: 9.542 min Scan# 2921
Delta R.T. 0.188 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 91 Resp: 262
Ion Ratio Lower Upper
91 100
106 32.7 21.9 32.9





#59

m/p-Xylene

Concen: 0.013 ppbv

RT: 9.542 min Scan# 2917

Delta R.T. 0.013 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

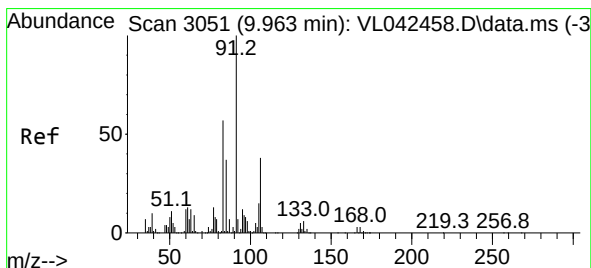
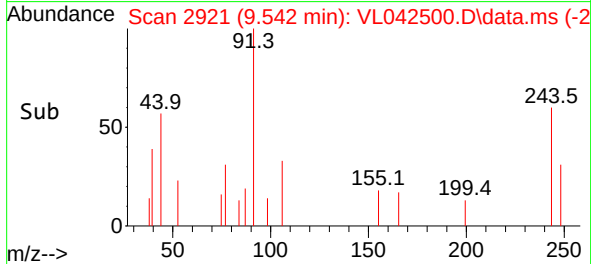
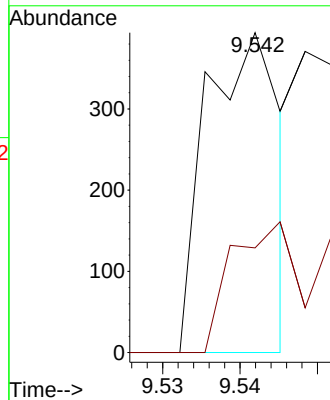
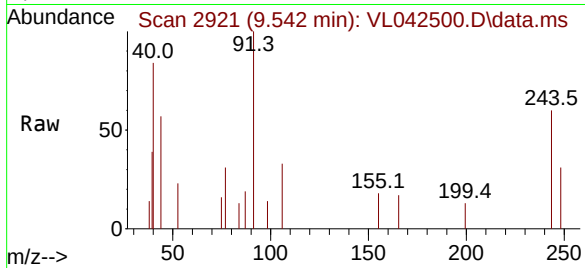
MDL3 0.03

Tgt Ion: 91 Resp: 262

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.009 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042500.D

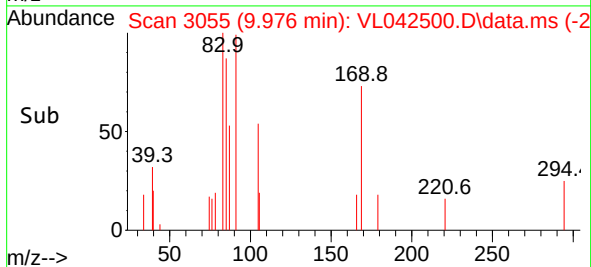
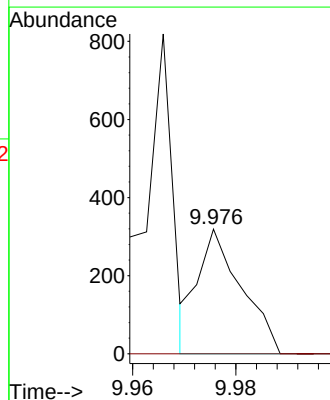
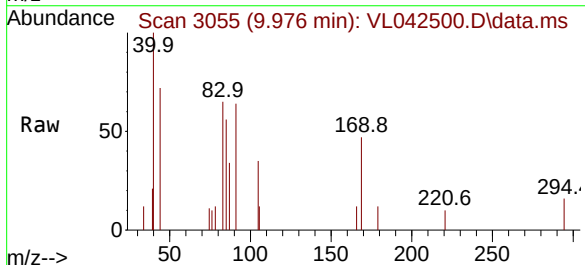
Acq: 06 May 2025 17:04

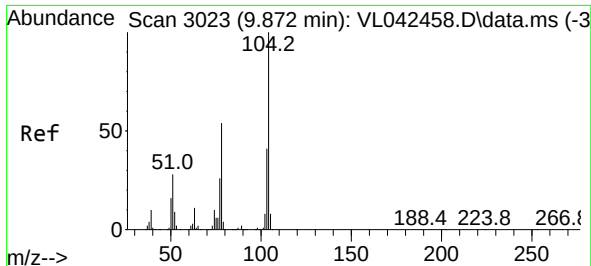
Tgt Ion: 91 Resp: 186

Ion Ratio Lower Upper

91 100

106 0.0 20.1 60.2#

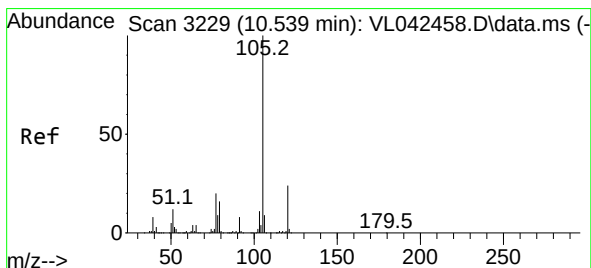
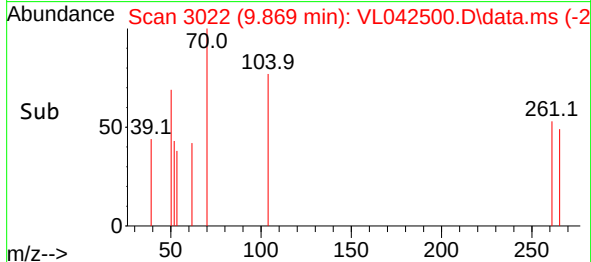
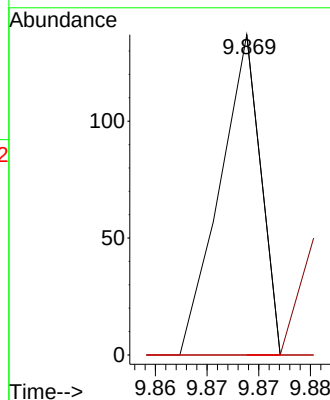
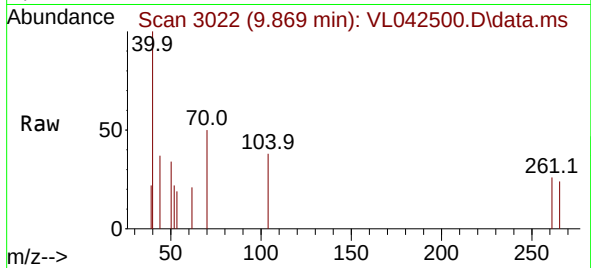




#61
Styrene
Concen: 0.005 ppbv
RT: 9.869 min Scan# 3023
Delta R.T. -0.003 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

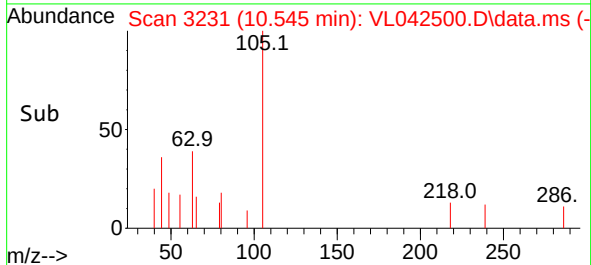
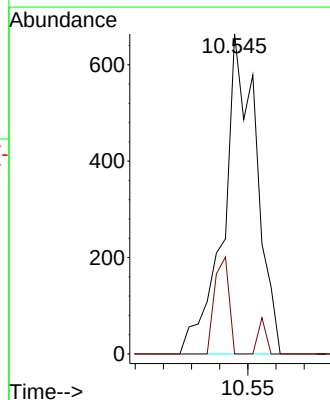
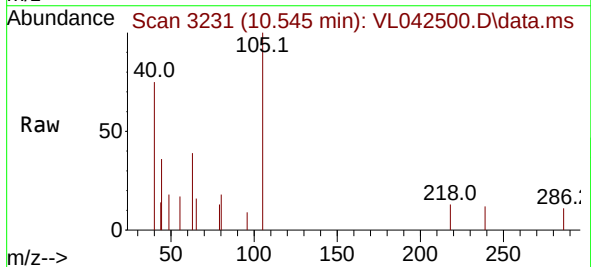
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

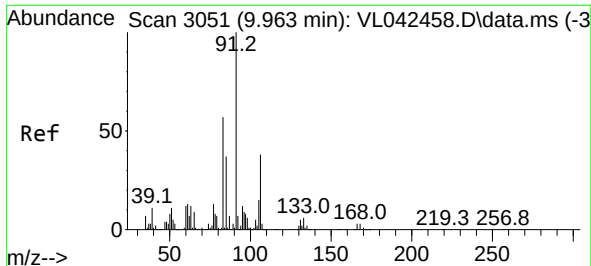
Tgt Ion:104 Resp: 38
Ion Ratio Lower Upper
104 100
78 144.7 46.9 70.3#
103 181.6 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.019 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:105 Resp: 538
Ion Ratio Lower Upper
105 100
120 16.0 18.8 28.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.012 ppbv

RT: 9.976 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

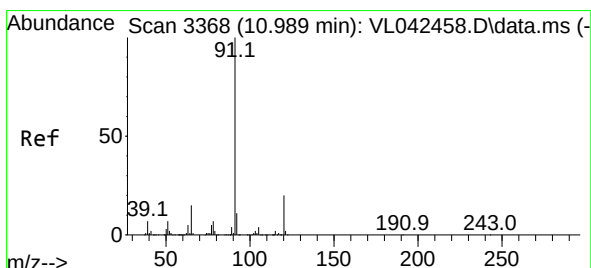
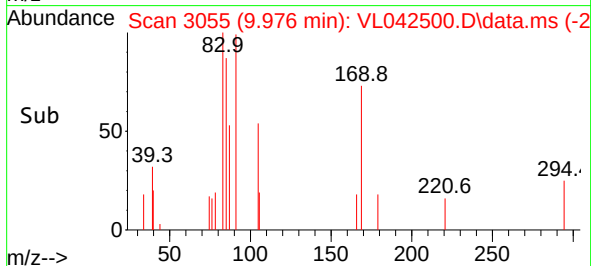
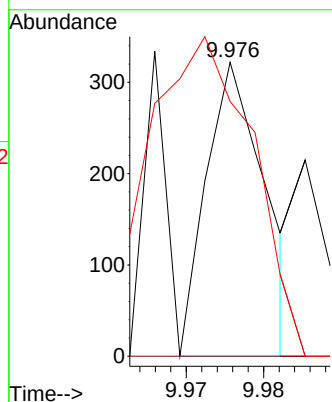
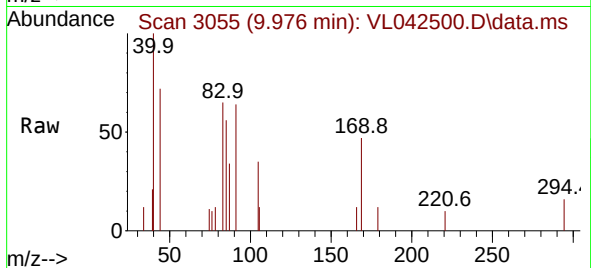
Tgt Ion: 83 Resp: 170

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 219.4 32.5 97.4#



#64

n-propylbenzene

Concen: 0.007 ppbv

RT: 11.134 min Scan# 3413

Delta R.T. 0.146 min

Lab File: VL042500.D

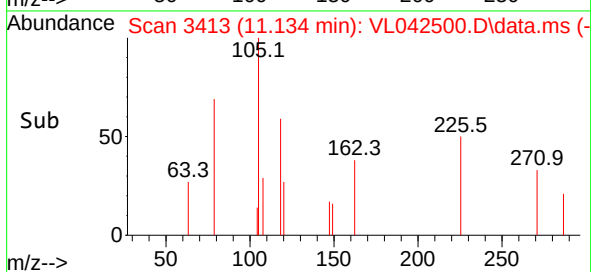
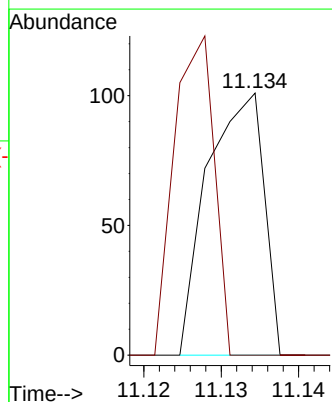
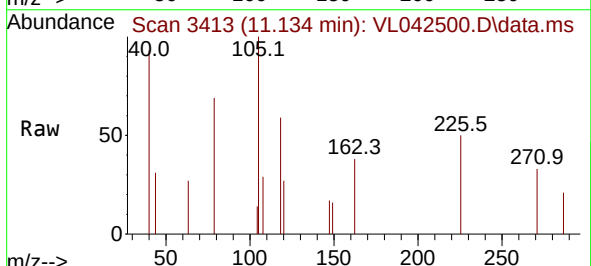
Acq: 06 May 2025 17:04

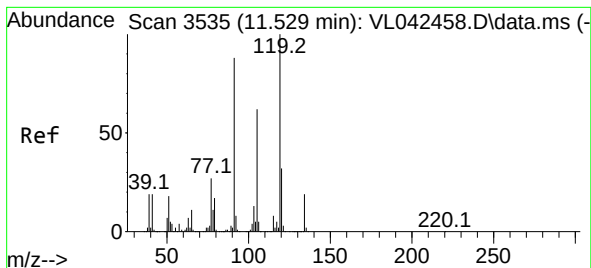
Tgt Ion: 120 Resp: 51

Ion Ratio Lower Upper

120 100

91 1429.4 408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.007 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.016 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

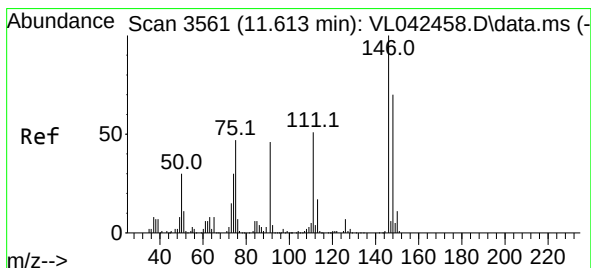
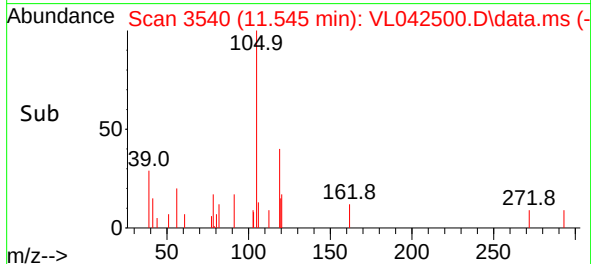
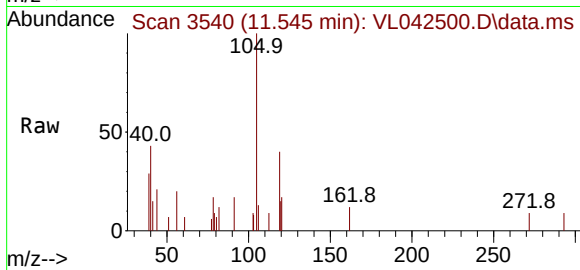
Tgt Ion:119 Resp: 181

Ion Ratio Lower Upper

119 100

91 0.0 71.6 107.4#

134 0.0 15.0 22.4#



#66

Benzyl Chloride

Concen: 0.133 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.074 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

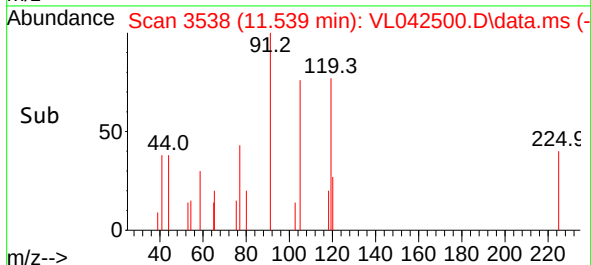
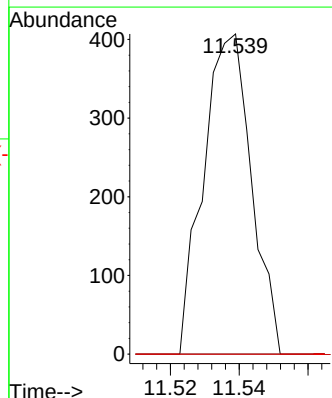
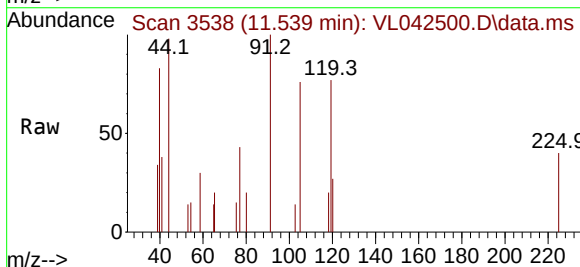
Tgt Ion: 91 Resp: 395

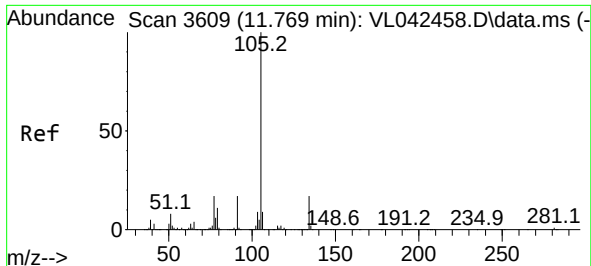
Ion Ratio Lower Upper

91 100

126 3.0 13.3 19.9#

128 0.0 4.2 6.4#





#67

sec-Butylbenzene

Concen: 0.005 ppbv

RT: 11.782 min Scan# 3

Delta R.T. 0.013 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

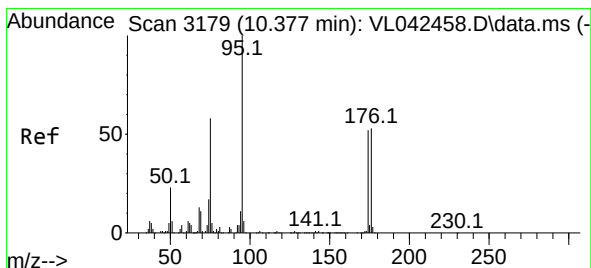
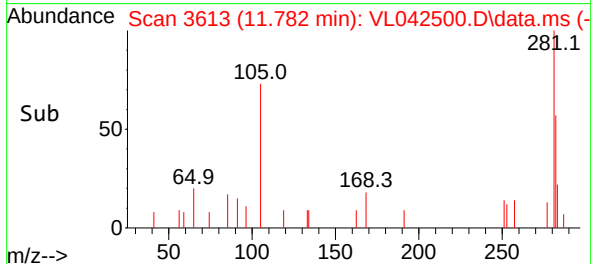
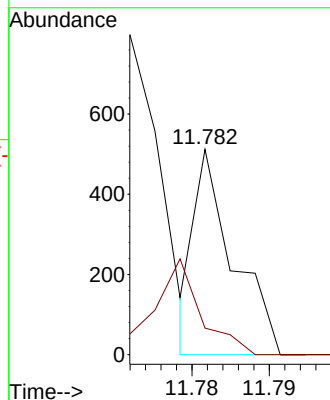
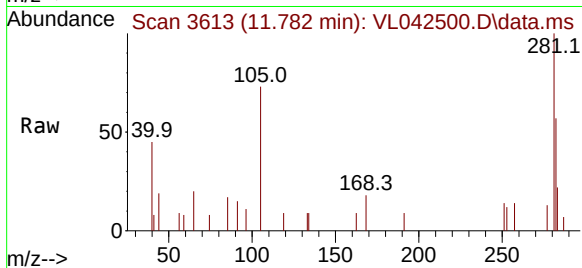
MDL3 0.03

Tgt Ion:105 Resp: 179

Ion Ratio Lower Upper

105 100

134 56.4 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.815 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. 0.010 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

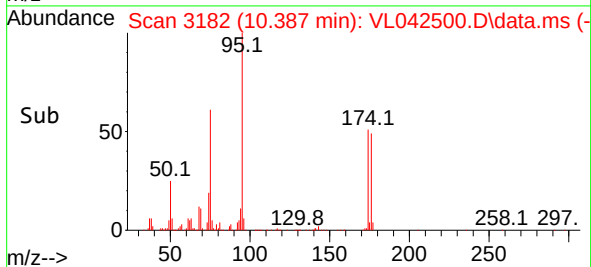
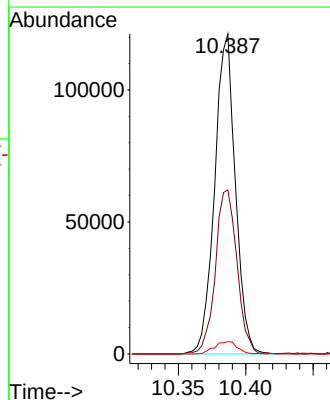
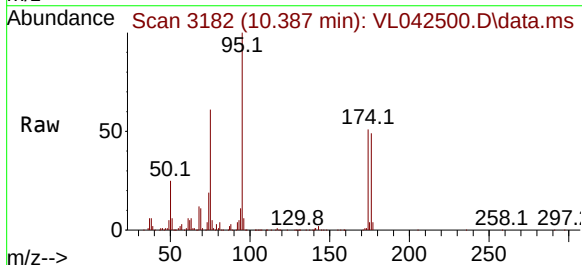
Tgt Ion: 95 Resp: 129628

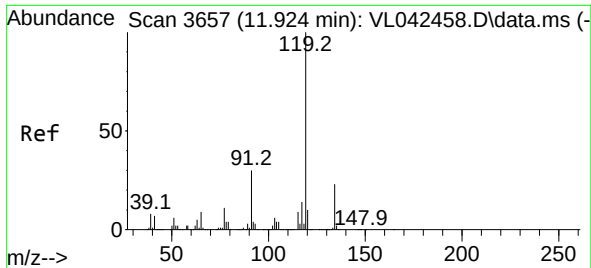
Ion Ratio Lower Upper

95 100

174 53.6 42.7 64.1

175 4.3 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.002 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. 0.016 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

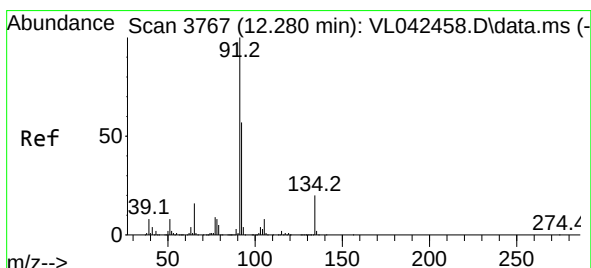
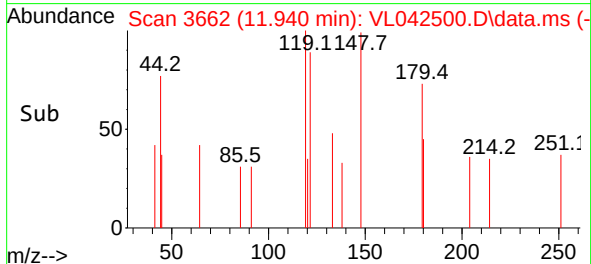
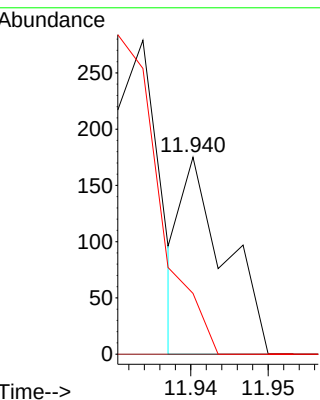
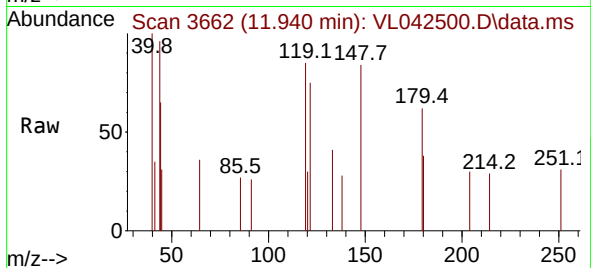
Tgt Ion:119 Resp: 68

Ion Ratio Lower Upper

119 100

134 0.0 19.0 28.4#

91 0.0 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.008 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. 0.016 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

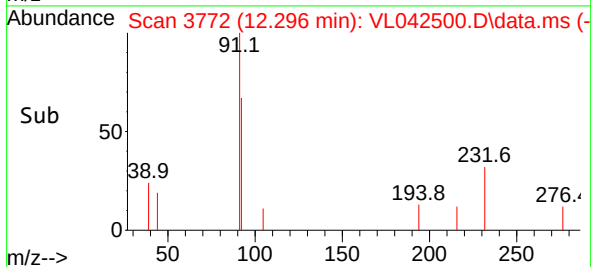
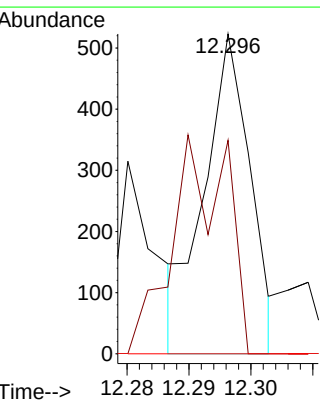
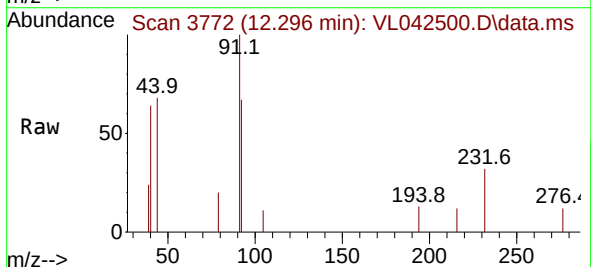
Tgt Ion: 91 Resp: 269

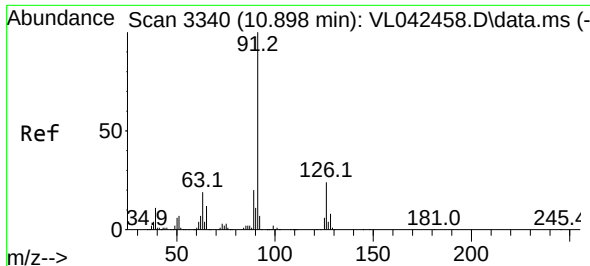
Ion Ratio Lower Upper

91 100

92 80.7 44.0 66.0#

134 0.0 16.8 25.2#

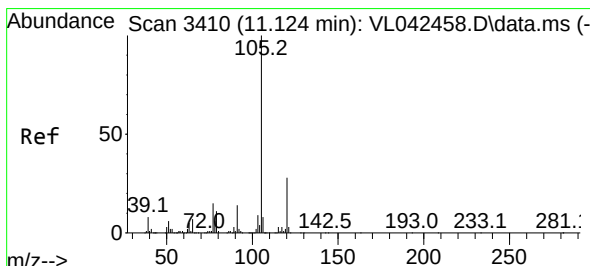
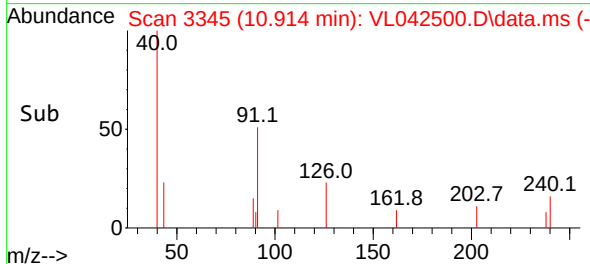
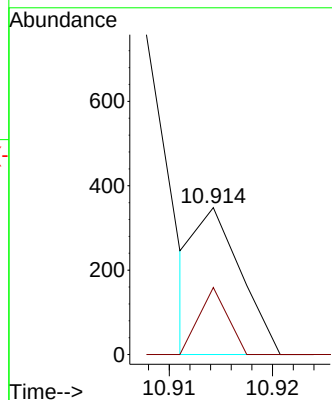
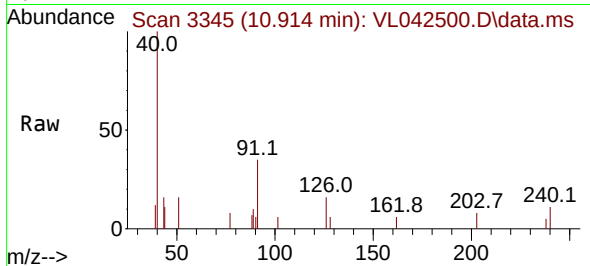




#71
2-Chlorotoluene
Concen: 0.004 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

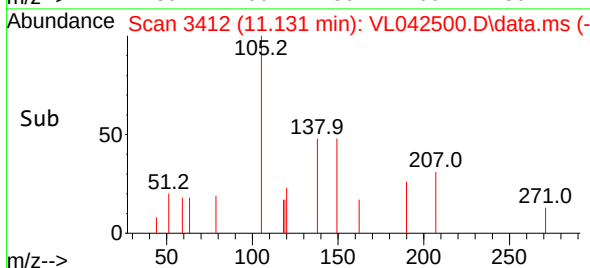
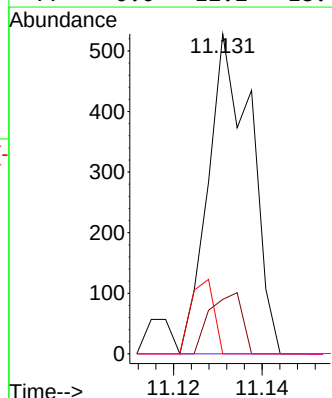
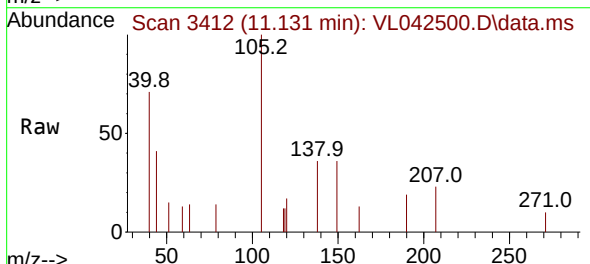
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

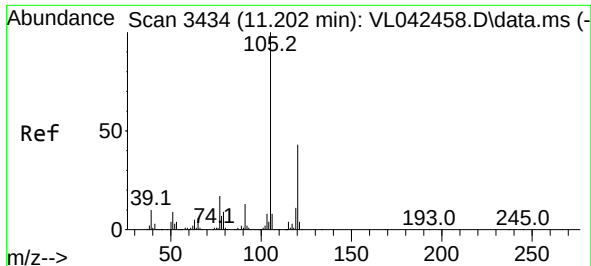
Tgt Ion: 91 Resp: 99
Ion Ratio Lower Upper
91 100
126 31.3 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.015 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion: 105 Resp: 355
Ion Ratio Lower Upper
105 100
120 14.4 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

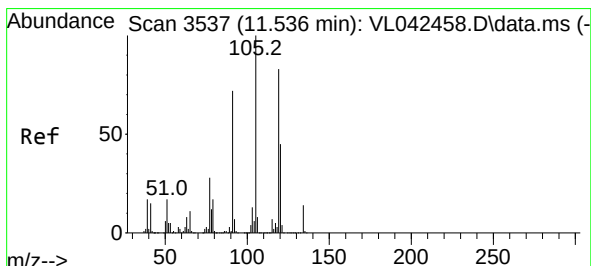
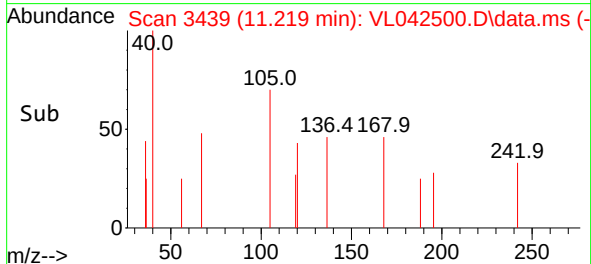
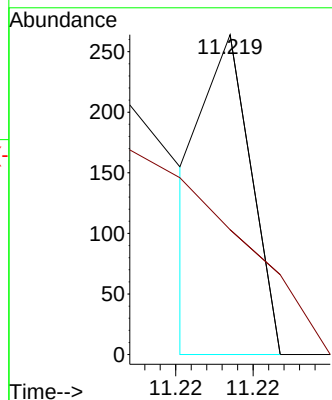
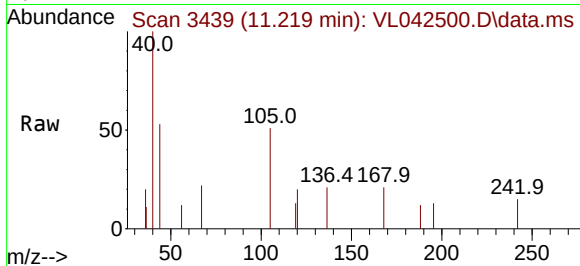




#73
 1,3,5-Trimethylbenzene
 Concen: 0.002 ppbv
 RT: 11.219 min Scan# 3434
 Delta R.T. 0.016 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

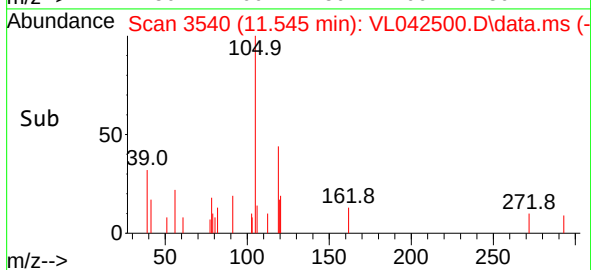
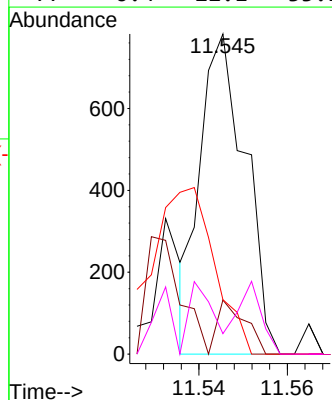
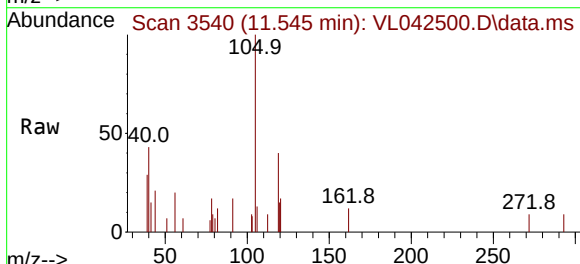
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

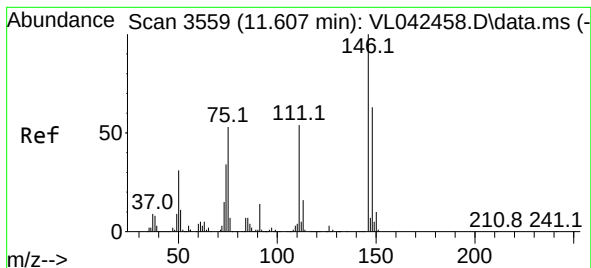
Tgt Ion:105 Resp: 51
 Ion Ratio Lower Upper
 105 100
 120 14.0 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.022 ppbv
 RT: 11.545 min Scan# 3540
 Delta R.T. 0.010 min
 Lab File: VL042500.D
 Acq: 06 May 2025 17:04

Tgt Ion:105 Resp: 553
 Ion Ratio Lower Upper
 105 100
 120 16.9 36.1 54.1#
 91 17.0 57.6 86.4#
 77 6.4 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.008 ppbv

RT: 11.617 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

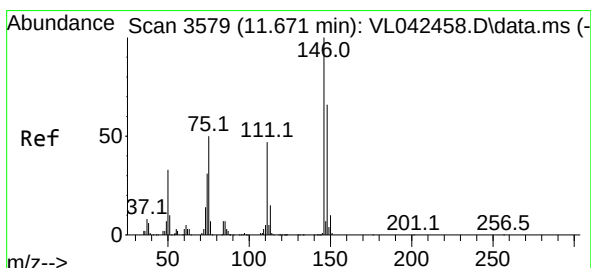
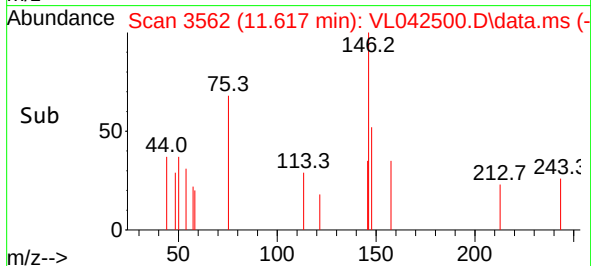
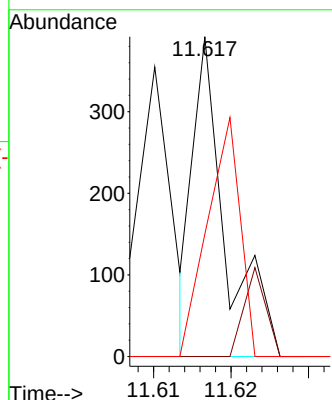
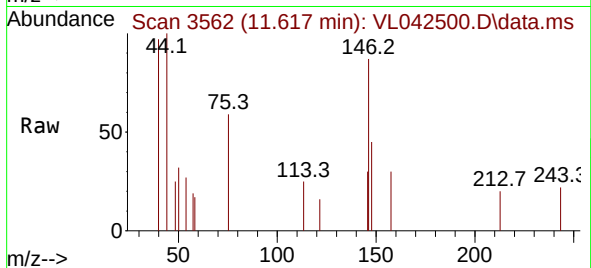
Tgt Ion:146 Resp: 111

Ion Ratio Lower Upper

146 100

111 18.9 26.1 78.3#

148 0.0 32.0 96.0#



#76

1,4-Dichlorobenzene

Concen: 0.008 ppbv

RT: 11.685 min Scan# 3583

Delta R.T. 0.013 min

Lab File: VL042500.D

Acq: 06 May 2025 17:04

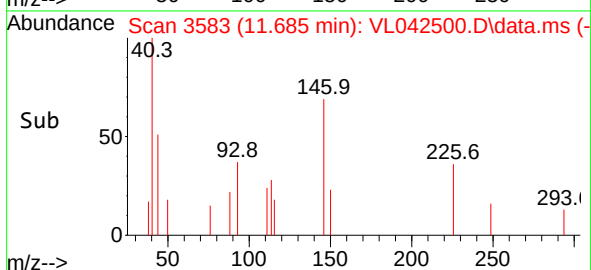
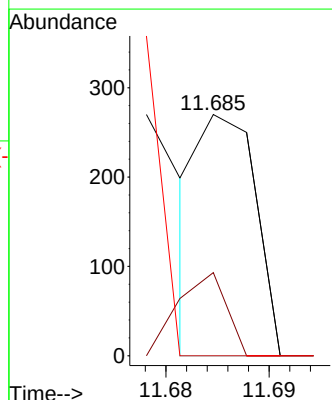
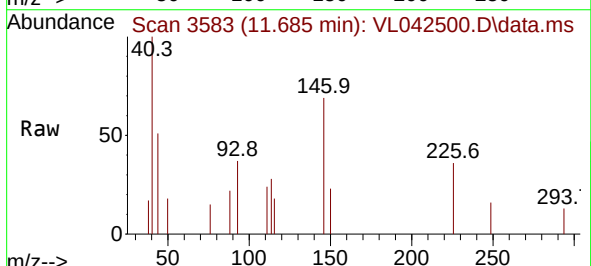
Tgt Ion:146 Resp: 101

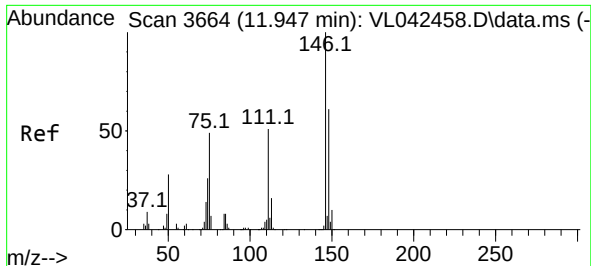
Ion Ratio Lower Upper

146 100

111 0.0 24.4 73.2#

148 0.0 32.0 96.2#

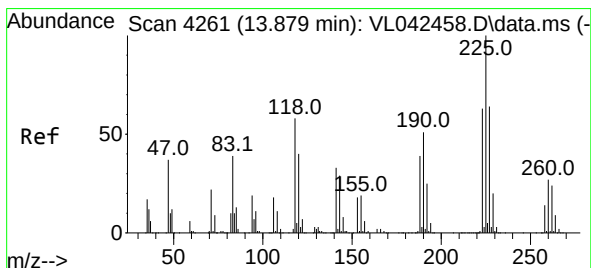
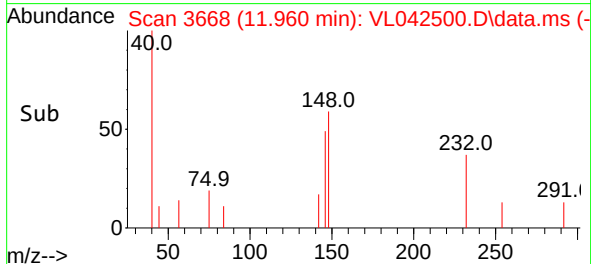
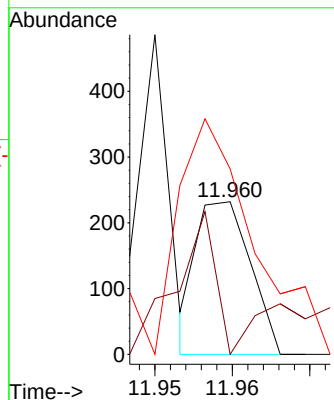
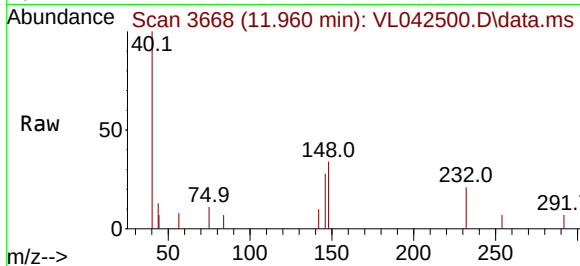




#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. 0.013 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

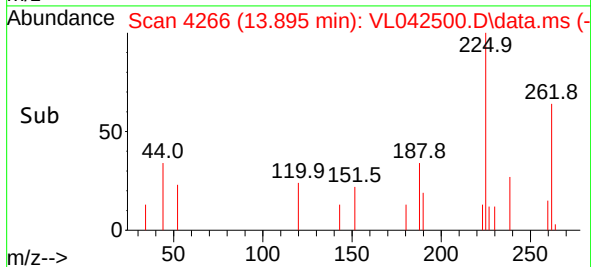
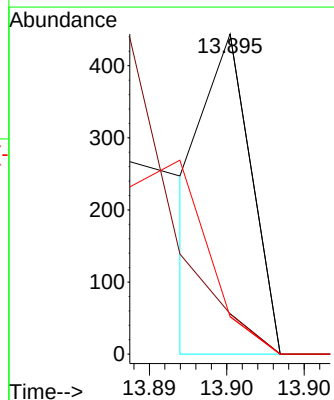
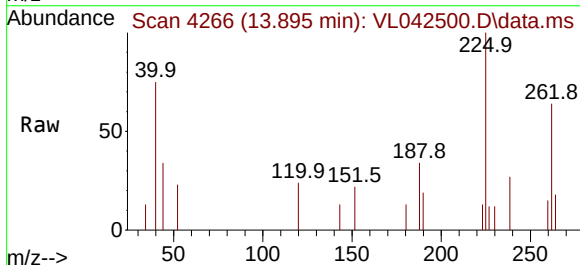
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

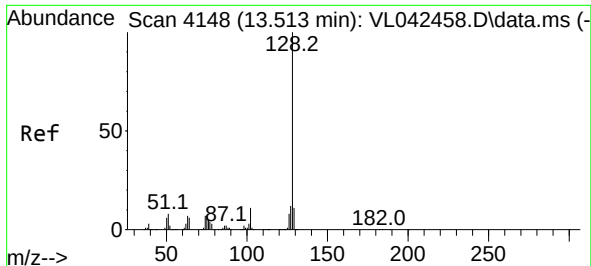
Tgt Ion:146 Resp: 112
Ion Ratio Lower Upper
146 100
111 124.1 26.5 79.5#
148 275.9 31.5 94.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.006 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.016 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:225 Resp: 86
Ion Ratio Lower Upper
225 100
223 201.2 50.2 75.4#
227 310.5 51.2 76.8#

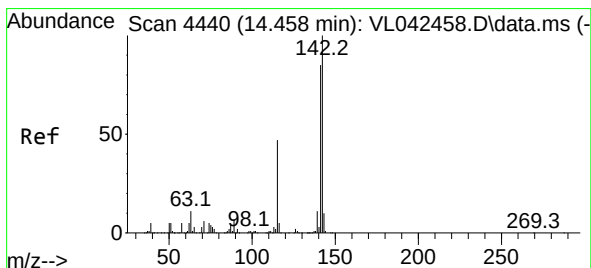
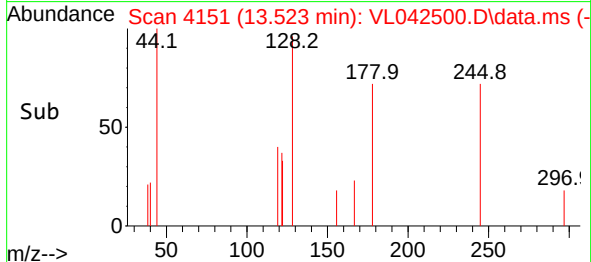
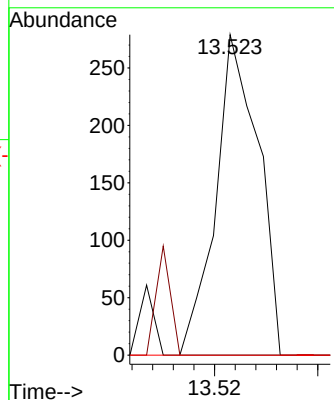
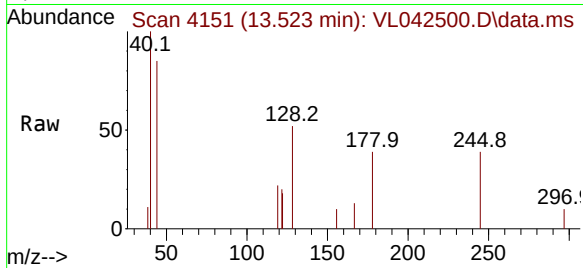




#79
Naphthalene
Concen: 0.008 ppbv
RT: 13.523 min Scan# 4148
Delta R.T. 0.010 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

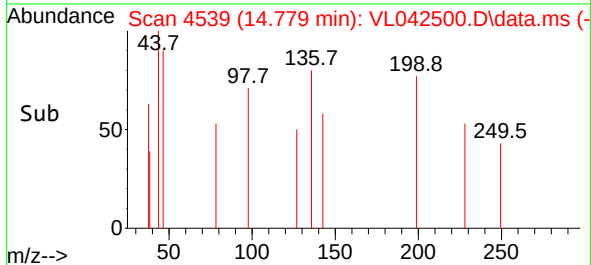
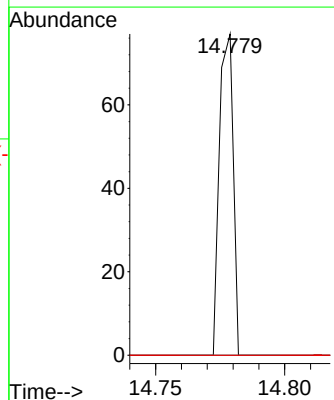
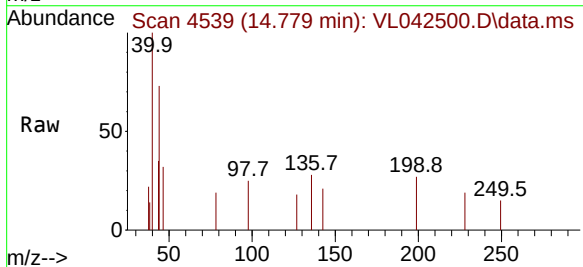
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

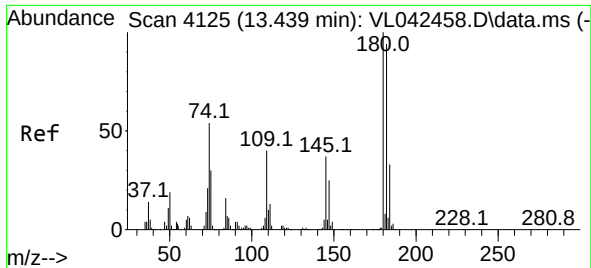
Tgt Ion:128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 14.779 min Scan# 4539
Delta R.T. 0.321 min
Lab File: VL042500.D
Acq: 06 May 2025 17:04

Tgt Ion:142 Resp: 28
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: 0.003 ppbv

RT: 13.529 min Scan# 41

Delta R.T. 0.091 min

Lab File: VL042500.D

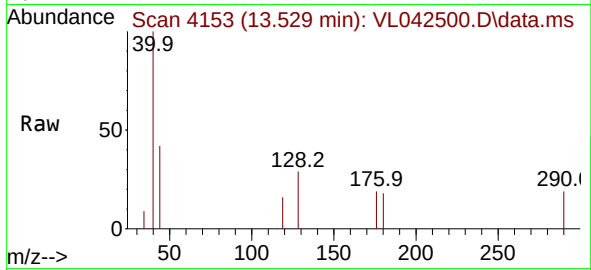
Acq: 06 May 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03



Tgt Ion:180 Resp: 33

Ion Ratio Lower Upper

180 100

182 184.8 74.6 111.8#

184 42.4 24.9 37.3#

