

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042504.D
 Acq On : 06 May 2025 19:10
 Operator : SY/MD
 Sample : MDL1 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.1

Quant Time: May 07 03:22:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	70745	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.971	114	178066	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	148825	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	132955	9.636	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	1706	0.146	ppbv	89
3) Chlorodifluoromethane	1.479	51	1452	0.117	ppbv	100
4) Chloromethane	1.538	50	793	0.162	ppbv #	73
5) Vinyl Chloride	1.583	62	729	0.148	ppbv #	88
6) Bromomethane	1.673	94	389	0.167	ppbv	92
7) Chloroethane	1.709	64	326	0.179	ppbv #	43
8) Dichlorotetrafluoroethane	1.560	85	1541	0.160	ppbv #	83
9) Propene	1.434	41	206	0.051	ppbv	83
10) Heptane	5.001	43	161	0.015	ppbv #	26
11) Trichlorofluoromethane	2.146	101	1172	0.108	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	1172	0.136	ppbv	95
13) Ethanol	1.722	45	191	0.232	ppbv #	37
14) Bromoethene	1.787	108	405	0.127	ppbv #	72
15) Acetone	1.842	43	3119	0.242	ppbv	98
16) 1,3-Butadiene	1.612	39	1022	0.179	ppbv #	64
17) tert-Butyl alcohol	2.052	59	1444	0.127	ppbv #	90
18) 1,1-Dichloroethene	2.039	96	502	0.125	ppbv #	88
19) Isopropyl Alcohol	1.894	45	1195	0.167	ppbv #	1
20) Methylene Chloride	2.072	84	1372	0.353	ppbv	93
21) Allyl Chloride	2.101	41	1064	0.128	ppbv #	23
22) trans-1,2-Dichloroethene	2.347	96	675	0.143	ppbv #	87
23) Vinyl Acetate	2.470	43	1523	0.124	ppbv #	50
24) 1,1-Dichloroethane	2.415	63	1258	0.131	ppbv #	84
25) Ethyl Acetate	2.845	43	1052	0.051	ppbv #	77
26) Hexane	2.839	57	379	0.042	ppbv #	1
27) Carbon Disulfide	2.156	76	1341	0.128	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	599	0.111	ppbv #	66
29) Chloroform	2.858	83	1593	0.094	ppbv #	80
30) Cyclohexane	3.871	84	193	0.026	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	894	0.085	ppbv #	58
32) 1,1,1-Trichloroethane	3.373	97	2201	0.120	ppbv #	92
34) 2-Butanone	2.567	43	656	0.051	ppbv #	55
35) Carbon Tetrachloride	3.768	117	1151	0.071	ppbv	91
36) Benzene	3.667	78	1562	0.093	ppbv #	85
37) 1,2-Dichloroethane	3.227	62	1889	0.146	ppbv #	89
38) Trichloroethene	4.561	130	171	0.027	ppbv #	24
39) 1,2-Dichloropropane	3.975	63	52087	8.280	ppbv #	20
40) 1,4-Dioxane	4.622	88	20	0.007	ppbv #	100
41) Tetrahydrofuran	3.065	42	48	0.008	ppbv #	34
42) Bromodichloromethane	4.505	83	729	0.046	ppbv #	92
43) Methyl Methacrylate	4.900	69	371	0.059	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	1129	0.041	ppbv #	39
45) t-1,3-Dichloropropene	6.447	75	186	0.023	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042504.D
 Acq On : 06 May 2025 19:10
 Operator : SY/MD
 Sample : MDL1 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.1

Quant Time: May 07 03:22:22 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

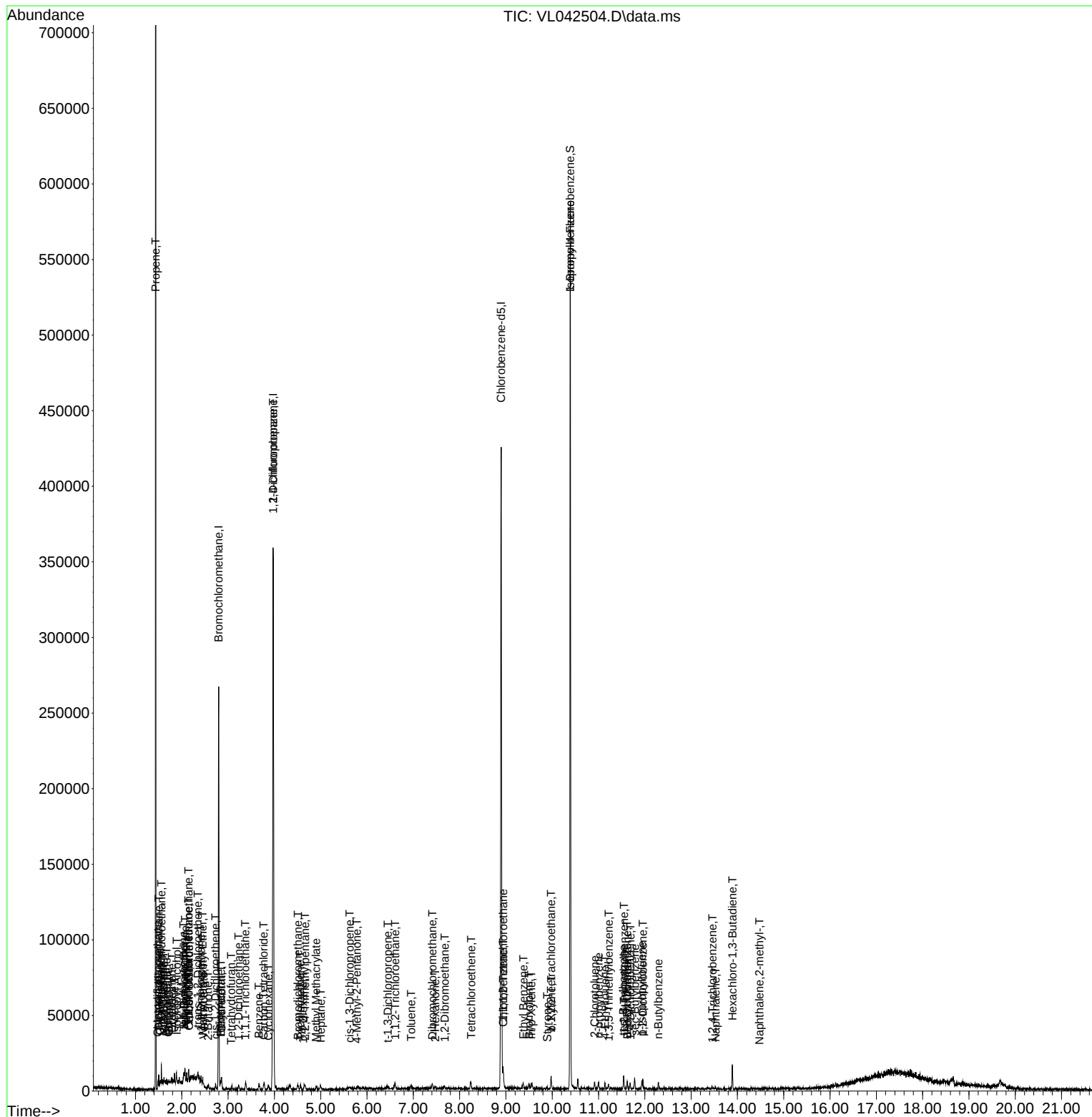
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46) cis-1,3-Dichloropropene	5.625	75	500	0.051	ppbv #	76
47) 1,1,2-Trichloroethane	6.606	97	553	0.080	ppbv #	57
48) Dibromochloromethane	7.409	129	770	0.066	ppbv #	37
49) Bromoform	9.496	173	683	0.070	ppbv #	81
50) 4-Methyl-2-Pentanone	5.777	43	58	0.004	ppbv #	38
51) 2-Hexanone	7.470	43	776	0.060	ppbv #	97
52) Tetrachloroethene	8.250	164	171	0.027	ppbv #	62
53) Toluene	6.956	91	459	0.026	ppbv #	21
54) 1,2-Dibromoethane	7.681	107	240	0.023	ppbv #	14
56) 1,1,1,2-Tetrachloroethane	8.940	131	1540	0.175	ppbv #	1
57) Chlorobenzene	8.943	112	1653	0.111	ppbv #	49
58) Ethyl Benzene	9.377	91	706	0.028	ppbv	96
59) m/p-Xylene	9.548	91	1285	0.062	ppbv #	33
60) o-Xylene	9.979	91	1415	0.068	ppbv	90
61) Styrene	9.891	104	277	0.036	ppbv #	42
62) Isopropylbenzene	10.390	105	144	0.005	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.975	83	1486	0.103	ppbv #	84
64) n-propylbenzene	11.005	120	154	0.021	ppbv #	1
65) tert-Butylbenzene	11.535	119	1071	0.040	ppbv #	31
66) Benzyl Chloride	11.626	91	120	0.039	ppbv #	62
67) sec-Butylbenzene	11.785	105	675	0.018	ppbv #	60
69) p-Isopropyltoluene	11.937	119	1822	0.057	ppbv	98
70) n-Butylbenzene	12.293	91	1585	0.048	ppbv #	91
71) 2-Chlorotoluene	10.917	91	1238	0.052	ppbv	75
72) 4-Ethyltoluene	11.141	105	679	0.028	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.218	105	929	0.043	ppbv	98
74) 1,2,4-Trimethylbenzene	11.548	105	1507	0.058	ppbv #	87
75) 1,3-Dichlorobenzene	11.620	146	484	0.033	ppbv #	6
76) 1,4-Dichlorobenzene	11.688	146	350	0.025	ppbv #	13
77) 1,2-Dichlorobenzene	11.959	146	1259	0.088	ppbv	86
78) Hexachloro-1,3-Butadiene	13.892	225	1758	0.123	ppbv	96
79) Naphthalene	13.529	128	342	0.016	ppbv #	70
80) Naphthalene,2-methyl-	14.474	142	162	0.010	ppbv #	33
81) 1,2,4-Trichlorobenzene	13.458	180	130	0.011	ppbv #	13

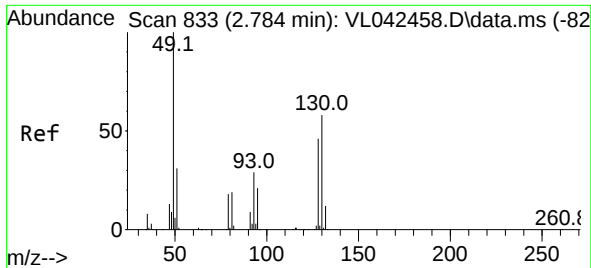
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\  
Data File : VL042504.D  
Acq On    : 06 May 2025  19:10  
Operator  : SY/MD  
Sample    : MDL1 0.1  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1      Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

Quant Time: May 07 03:22:22 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

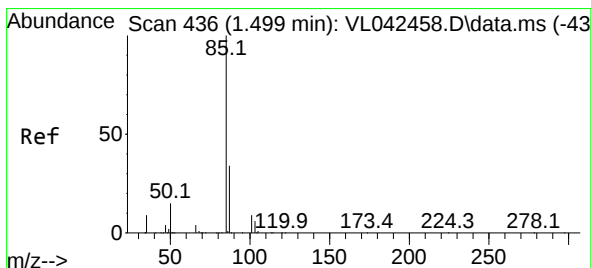
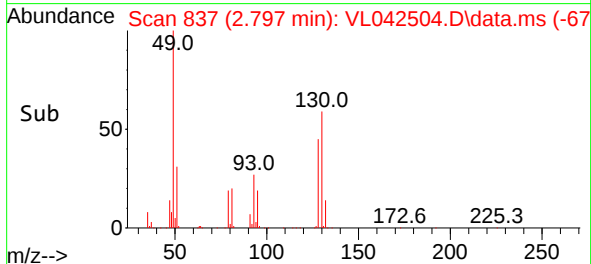
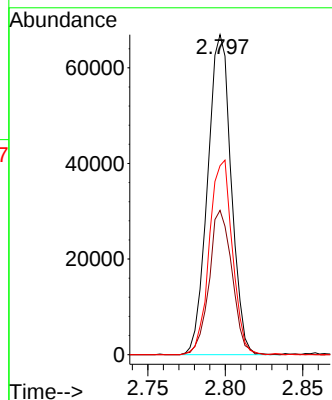
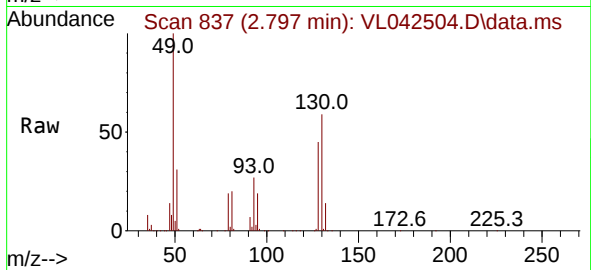




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

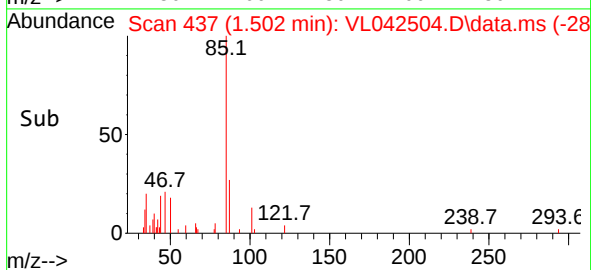
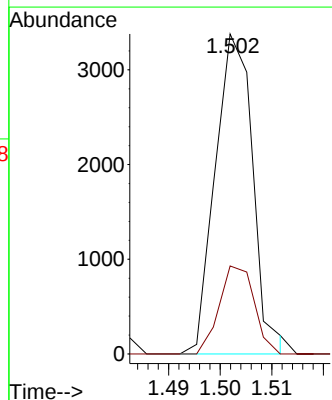
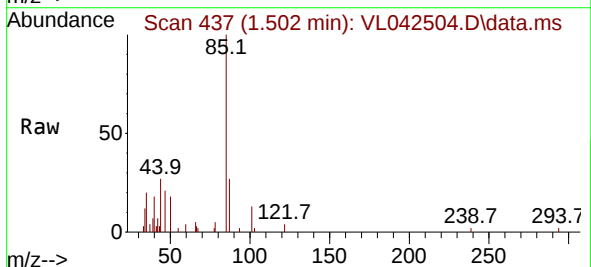
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

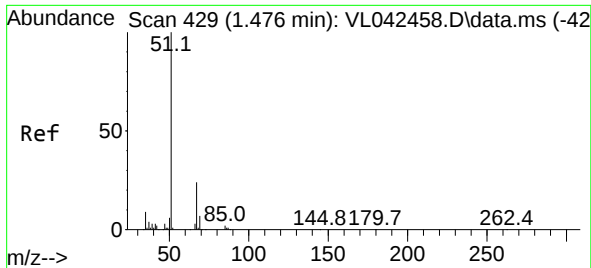
Tgt Ion: 49 Resp: 70745
Ion Ratio Lower Upper
49 100
128 43.9 23.3 69.9
130 59.6 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.146 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 85 Resp: 1706
Ion Ratio Lower Upper
85 100
87 27.5 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.117 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

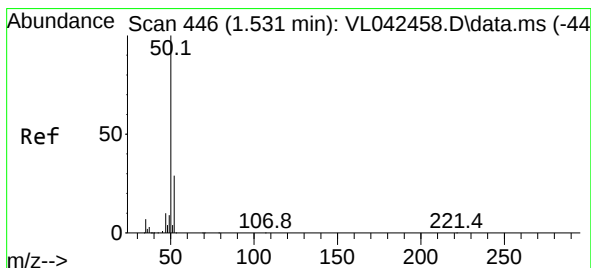
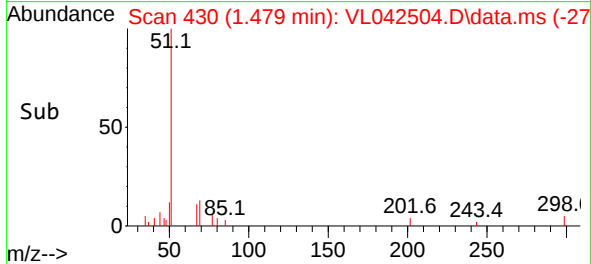
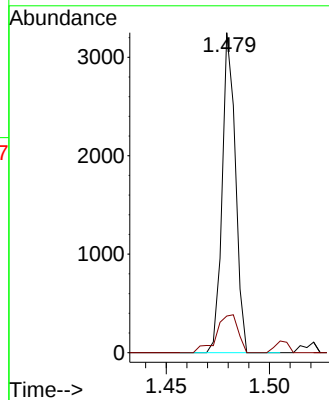
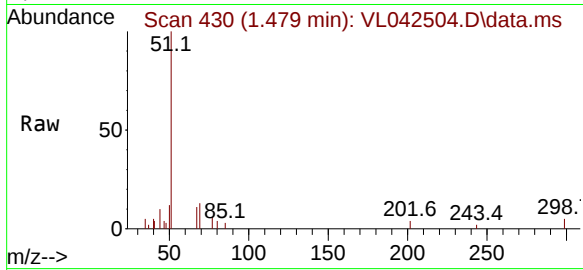
MDL1 0.1

Tgt Ion: 51 Resp: 1452

Ion Ratio Lower Upper

51 100

67 22.9 18.4 27.6



#4

Chloromethane

Concen: 0.162 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.006 min

Lab File: VL042504.D

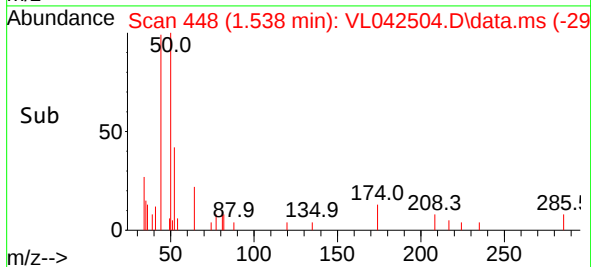
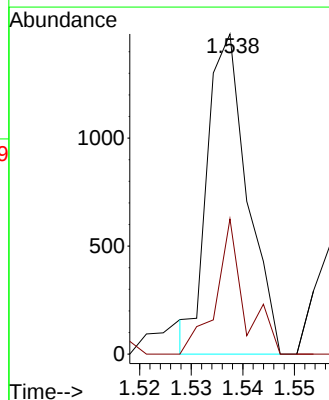
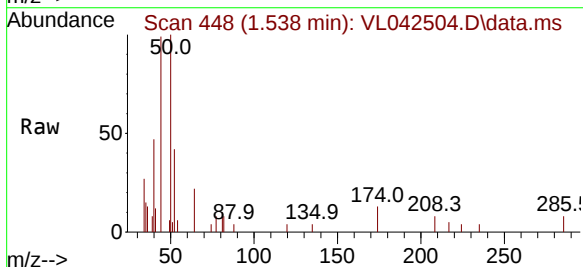
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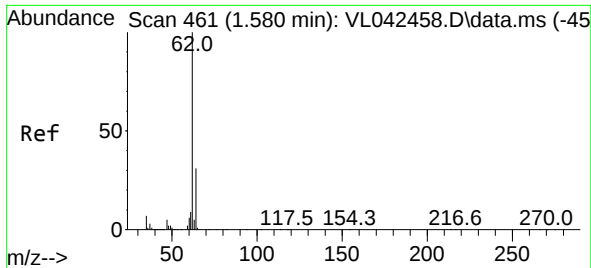
Tgt Ion: 50 Resp: 793

Ion Ratio Lower Upper

50 100

52 43.8 23.5 35.3#

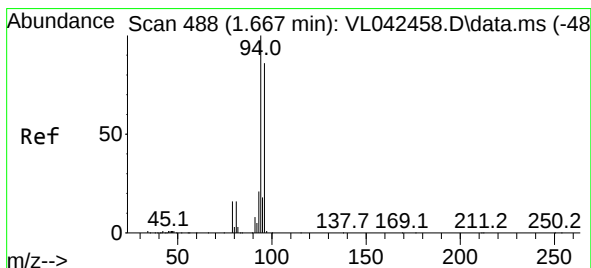
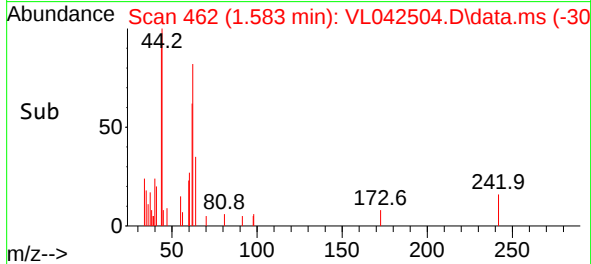
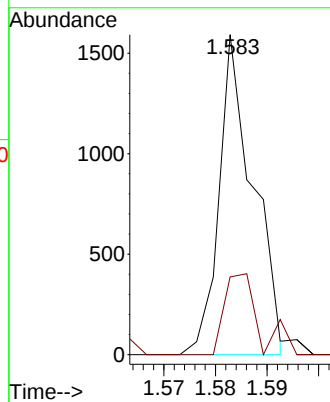
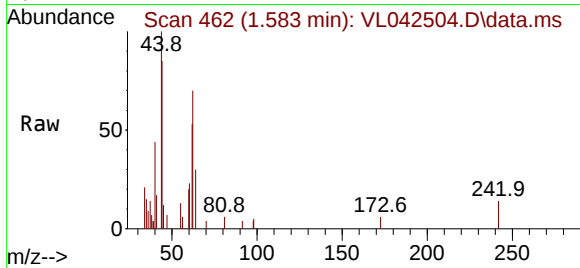




#5
 Vinyl Chloride
 Concen: 0.148 ppbv
 RT: 1.583 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

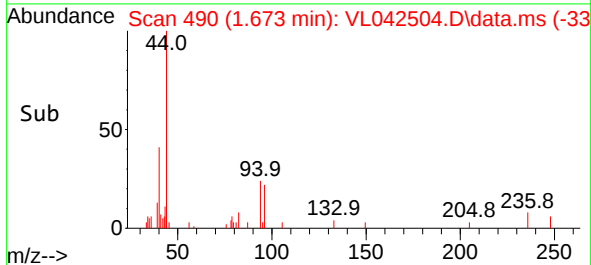
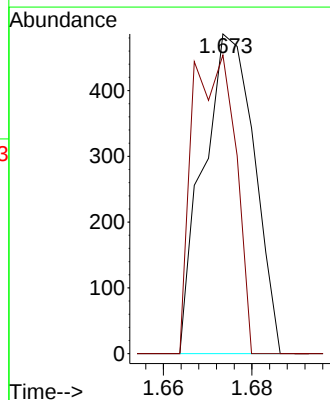
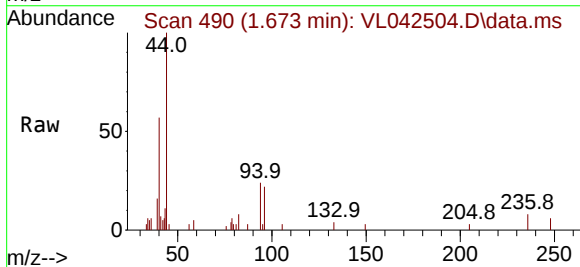
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

Tgt Ion: 62 Resp: 729
 Ion Ratio Lower Upper
 62 100
 64 24.3 24.9 37.3#



#6
 Bromomethane
 Concen: 0.167 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 94 Resp: 389
 Ion Ratio Lower Upper
 94 100
 96 93.4 68.8 103.2

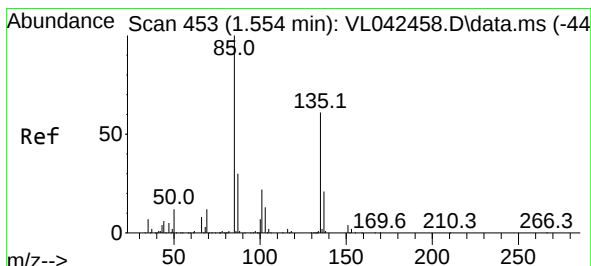
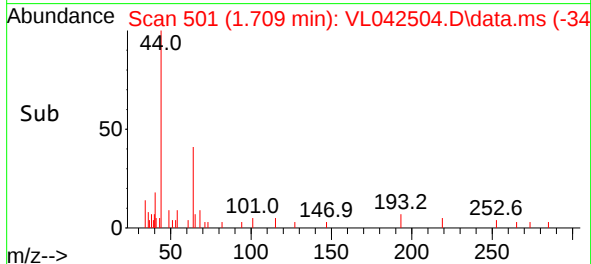
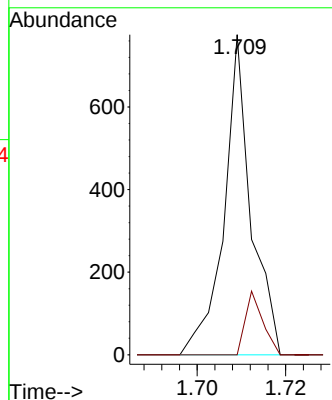
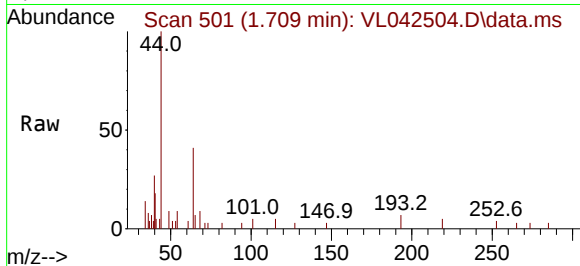




#7
Chloroethane
Concen: 0.179 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

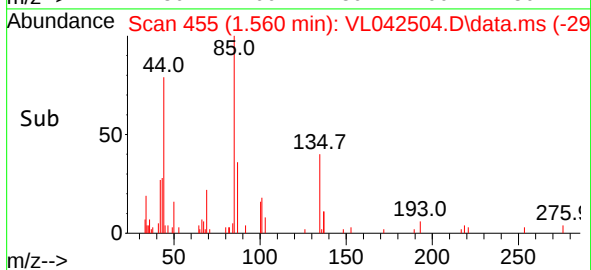
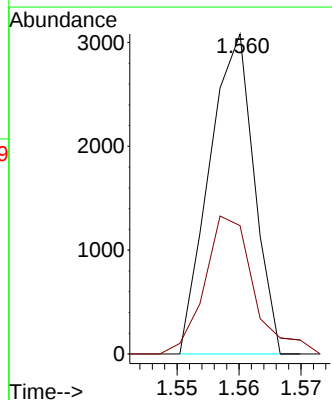
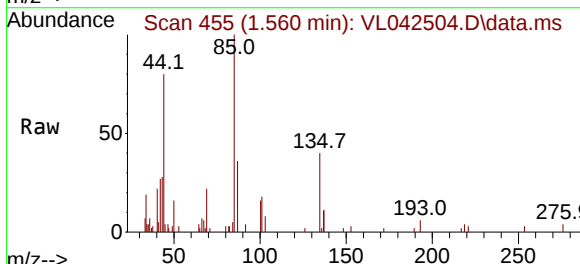
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

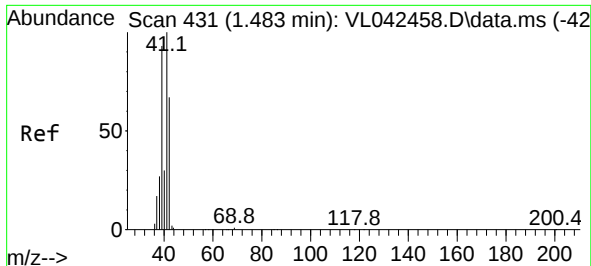
Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.160 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 85 Resp: 1541
Ion Ratio Lower Upper
85 100
135 49.4 49.8 74.8#





#9

Propene

Concen: 0.051 ppbv

RT: 1.434 min Scan# 41

Delta R.T. -0.049 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

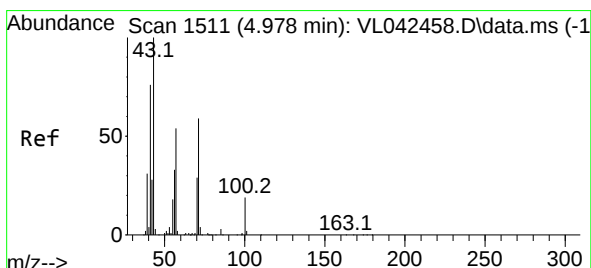
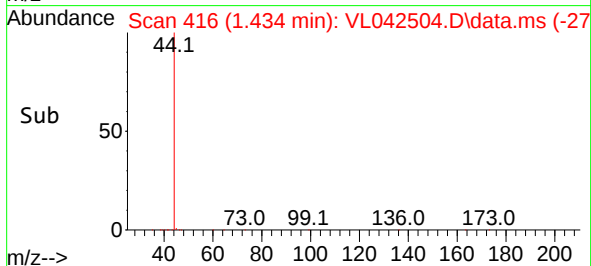
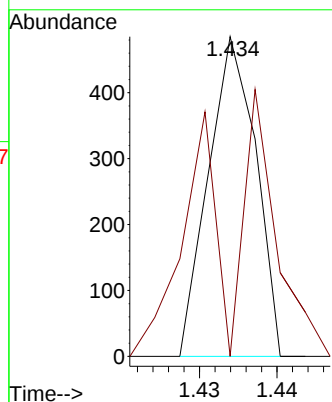
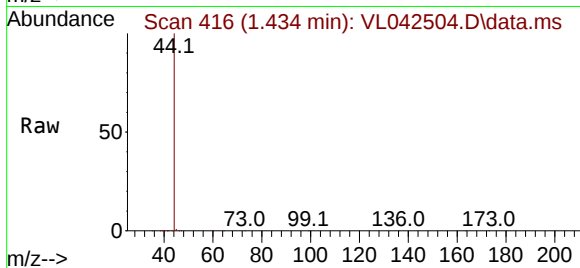
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Tgt Ion: 41 Resp: 206

Ion Ratio Lower Upper

41 100

42 54.4 54.3 81.5



#10

Heptane

Concen: 0.015 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.023 min

Lab File: VL042504.D

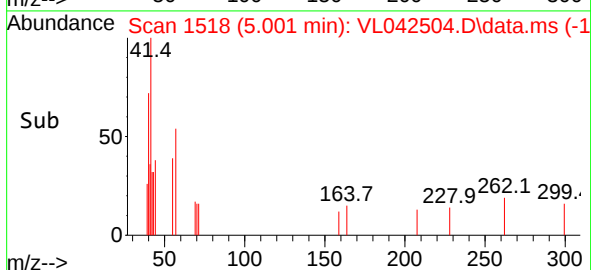
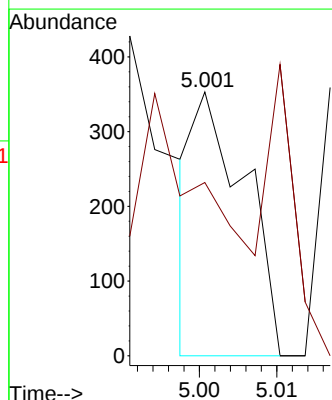
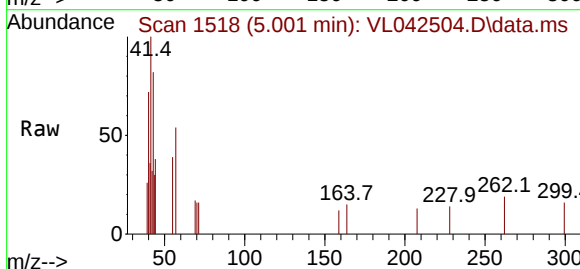
Acq: 06 May 2025 19:10

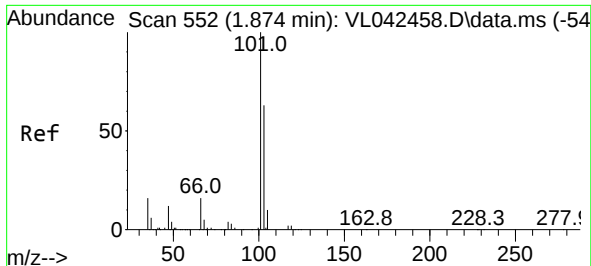
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

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57 0.0 41.8 62.8#

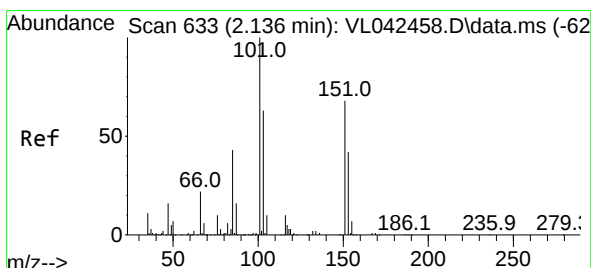
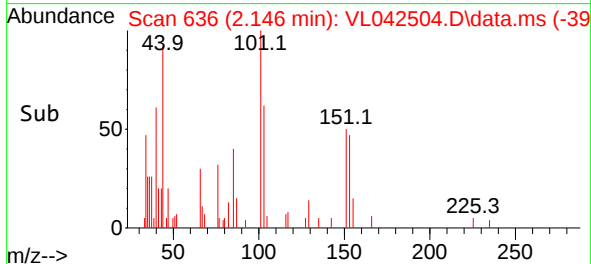
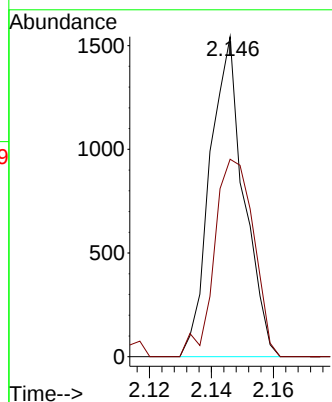
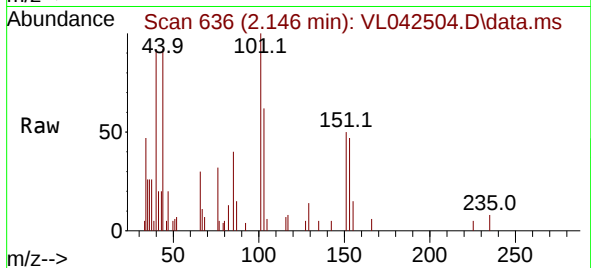




#11
 Trichlorofluoromethane
 Concen: 0.108 ppbv
 RT: 2.146 min Scan# 611
 Delta R.T. 0.272 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

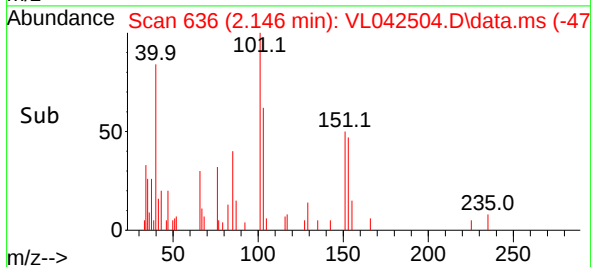
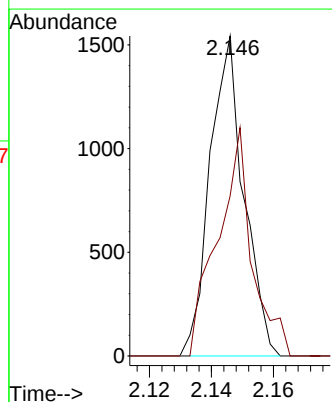
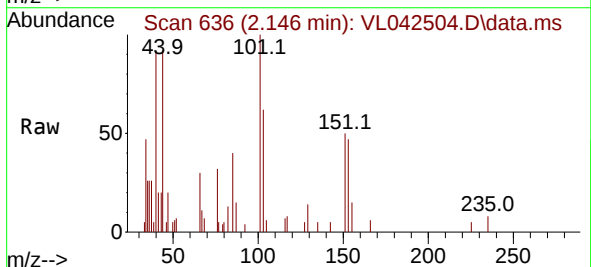
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

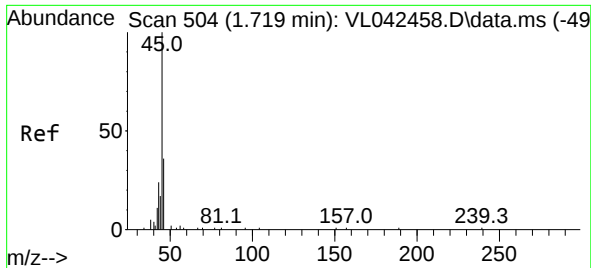
Tgt Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.136 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.010 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 151 72.5 54.6 82.0

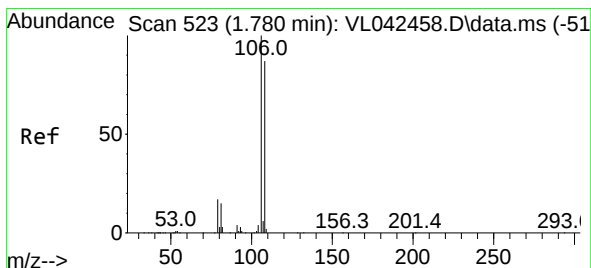
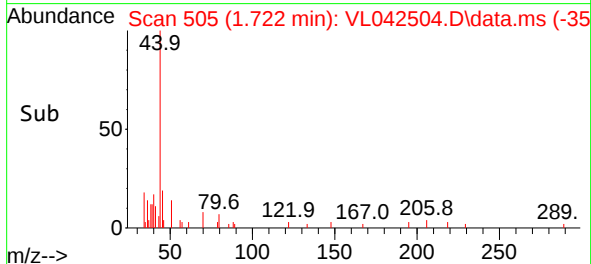
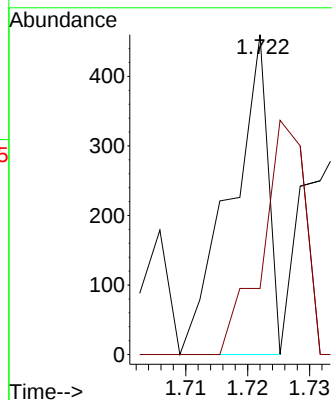
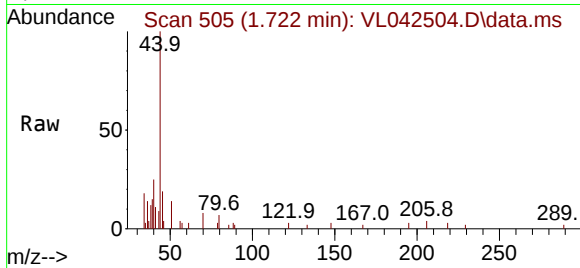




#13
 Ethanol
 Concen: 0.232 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

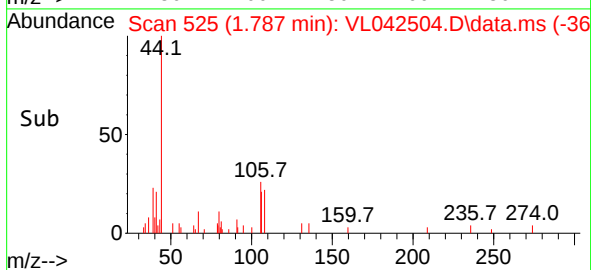
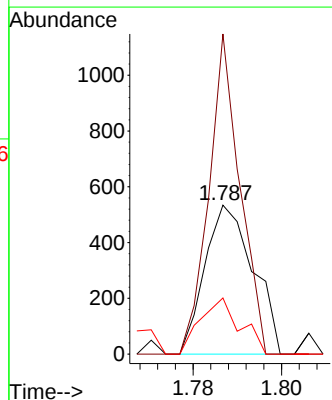
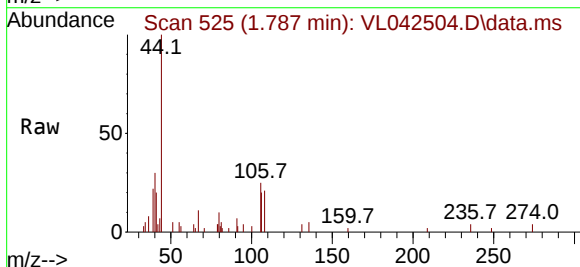
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.1

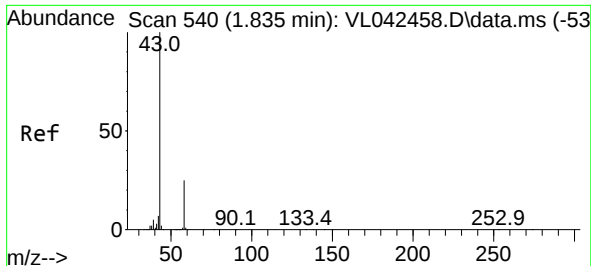
Tgt Ion: 45 Resp: 191
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.127 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 108 Resp: 405
 Ion Ratio Lower Upper
 108 100
 106 138.3 88.8 133.2#
 79 39.0 17.1 25.7#





#15

Acetone

Concen: 0.242 ppbv

RT: 1.842 min Scan# 54

Delta R.T. 0.006 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

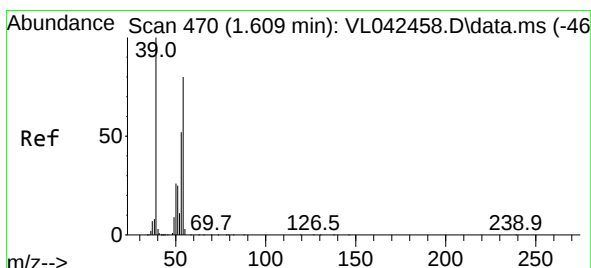
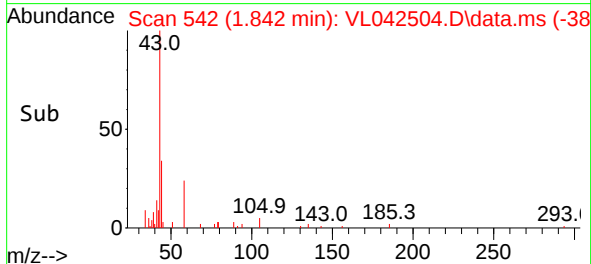
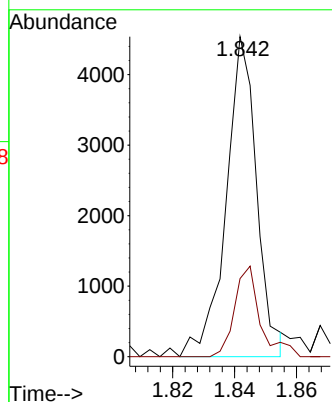
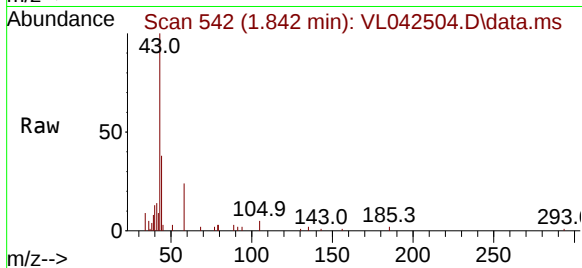
MDL1 0.1

Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

43 100

58 23.7 19.8 29.8



#16

1,3-Butadiene

Concen: 0.179 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042504.D

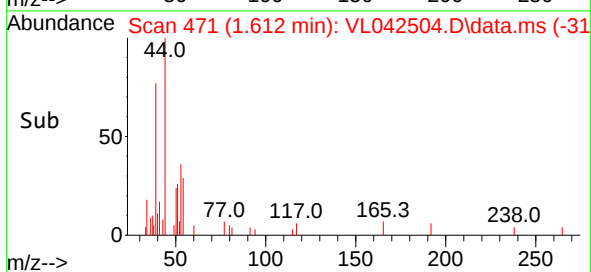
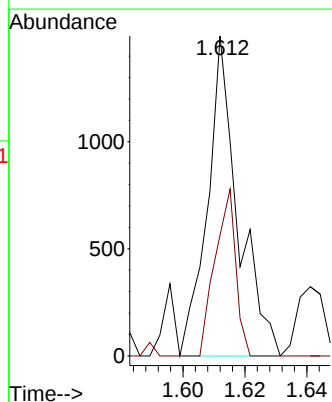
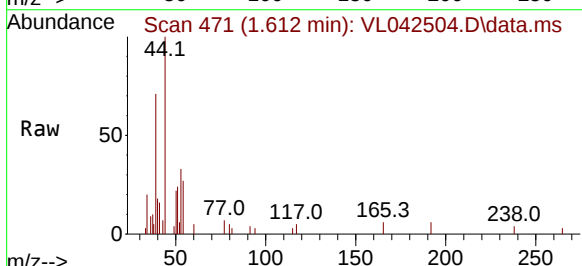
Acq: 06 May 2025 19:10

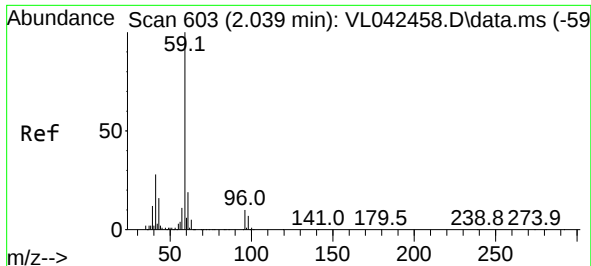
Tgt Ion: 39 Resp: 1022

Ion Ratio Lower Upper

39 100

54 39.7 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.127 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.013 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

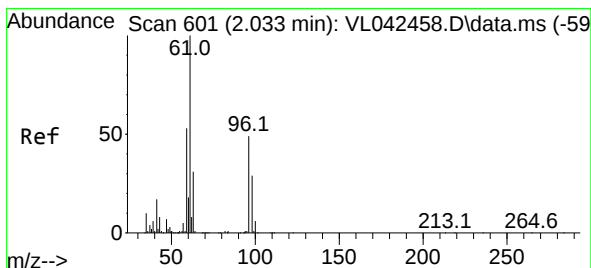
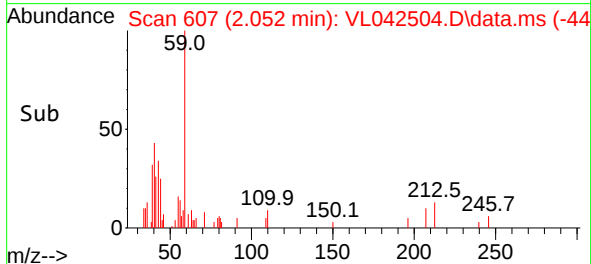
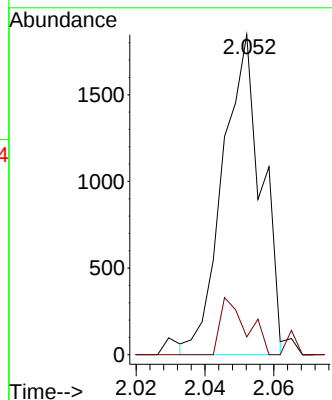
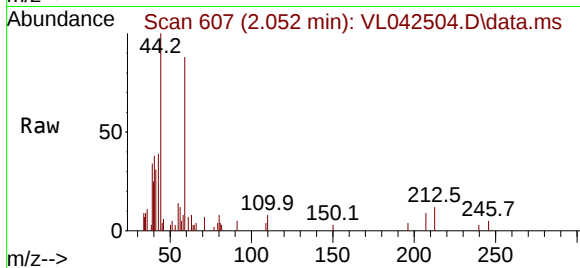
MDL1 0.1

Tgt Ion: 59 Resp: 1444

Ion Ratio Lower Upper

59 100

57 14.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.125 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.006 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

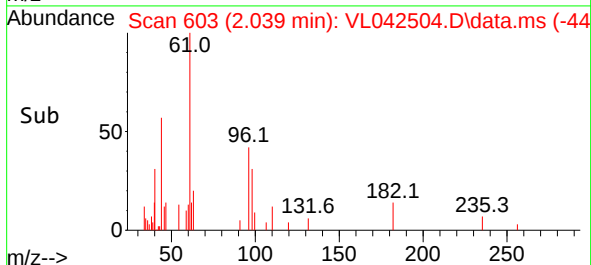
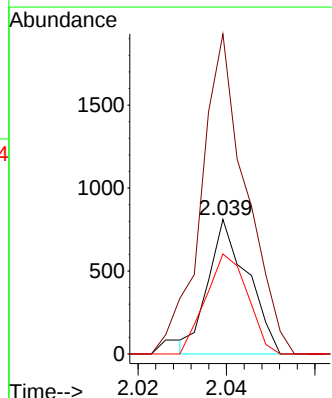
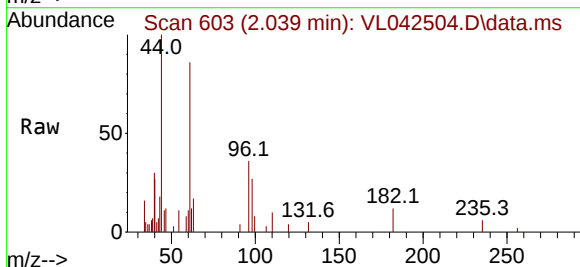
Tgt Ion: 96 Resp: 502

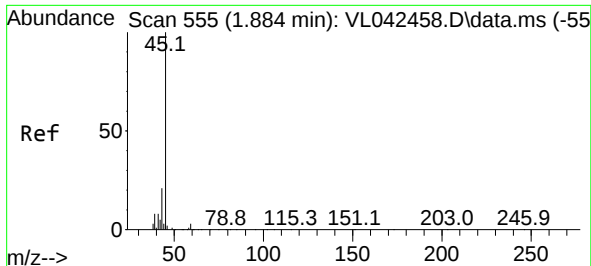
Ion Ratio Lower Upper

96 100

61 221.0 164.9 247.3

98 74.4 48.2 72.2#

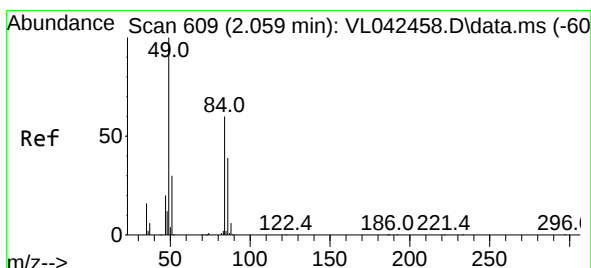
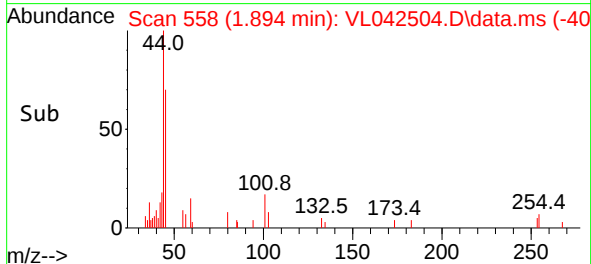
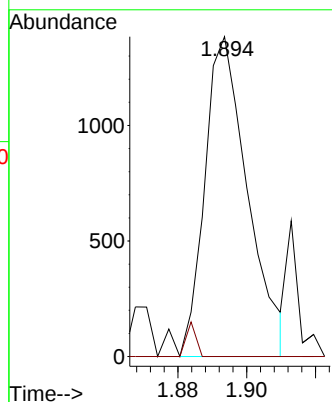
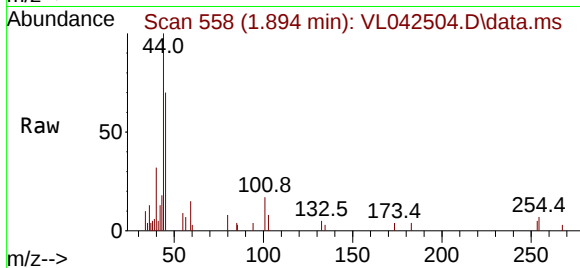




#19
Isopropyl Alcohol
Concen: 0.167 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

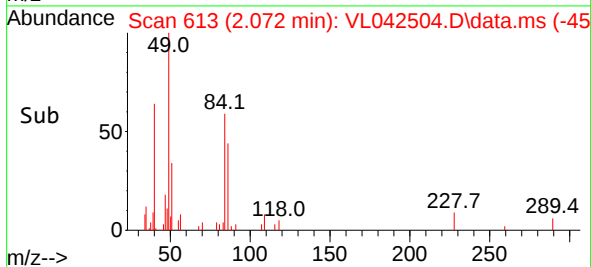
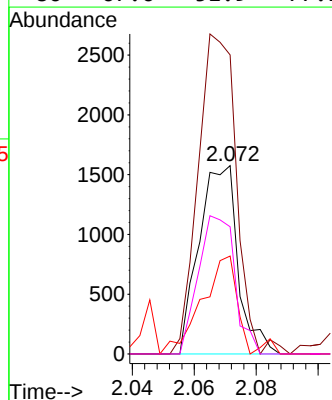
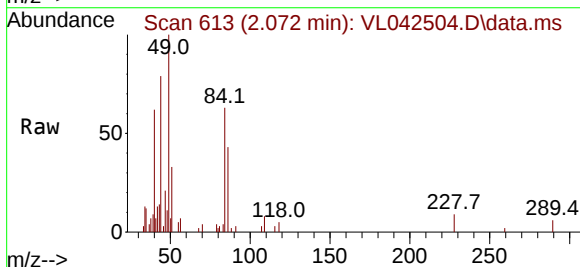
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

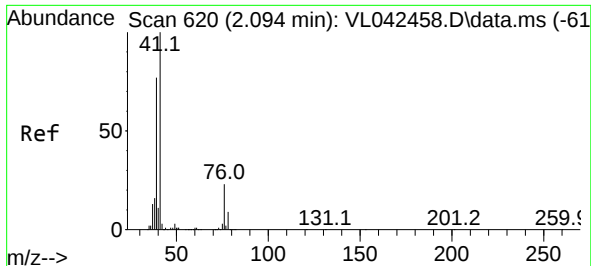
Tgt Ion: 45 Resp: 1195
Ion Ratio Lower Upper
45 100
58 61.8 1.6 2.4#



#20
Methylene Chloride
Concen: 0.353 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 84 Resp: 1372
Ion Ratio Lower Upper
84 100
49 154.6 133.9 200.9
51 52.0 41.0 61.6
86 67.6 51.9 77.9

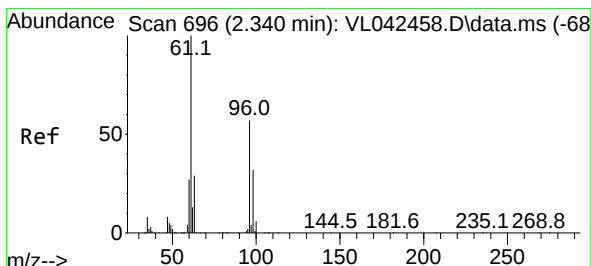
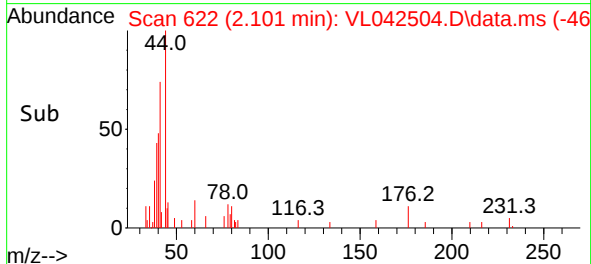
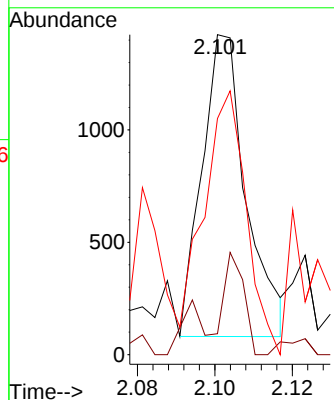
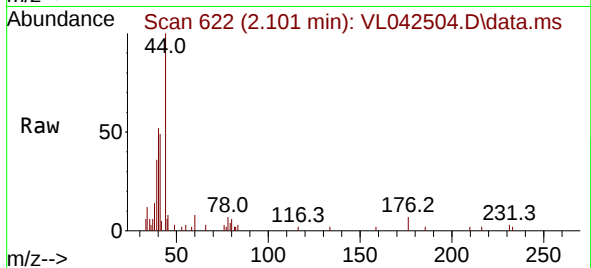




#21
 Allyl Chloride
 Concen: 0.128 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

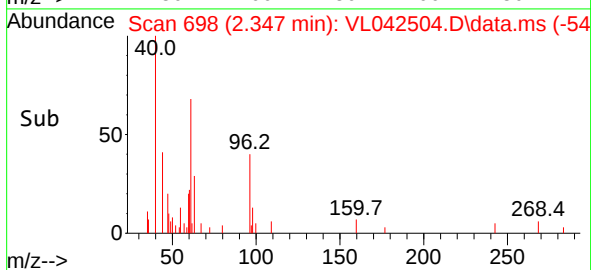
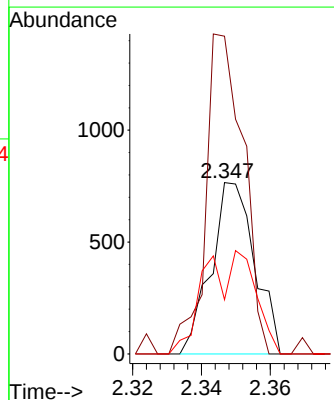
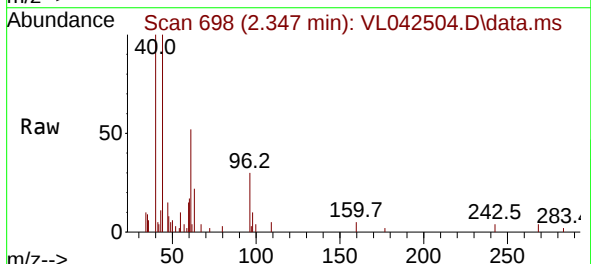
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

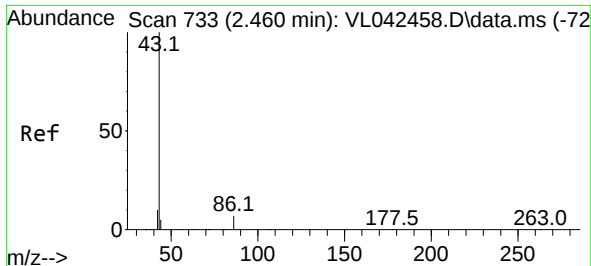
Tgt Ion: 41 Resp: 1064
 Ion Ratio Lower Upper
 41 100
 76 30.1 19.6 29.4#
 39 160.4 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.143 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 96 Resp: 675
 Ion Ratio Lower Upper
 96 100
 61 185.4 141.8 212.6
 98 31.6 45.0 67.6#

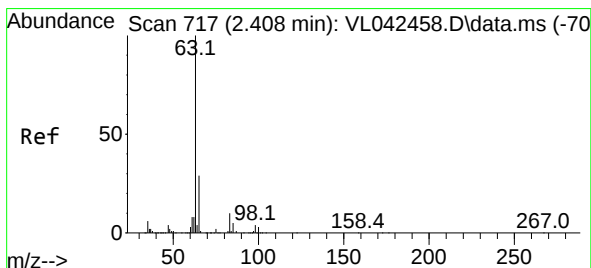
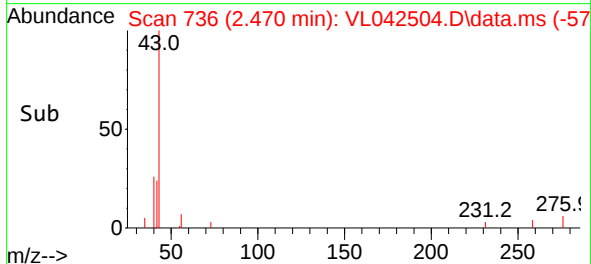
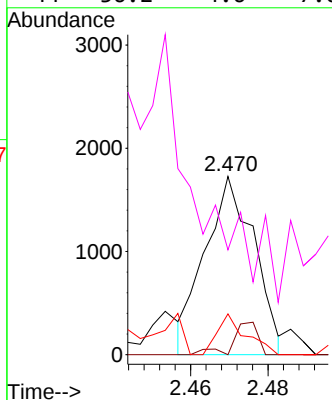
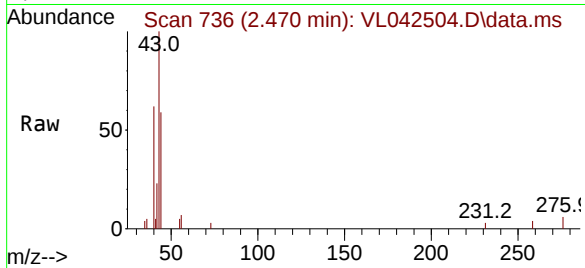




#23
 Vinyl Acetate
 Concen: 0.124 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

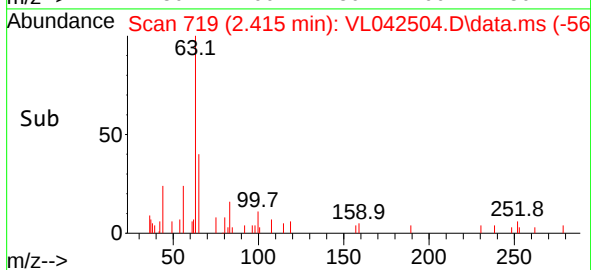
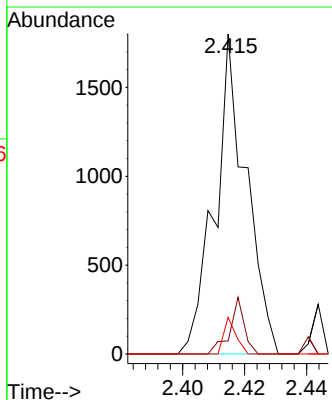
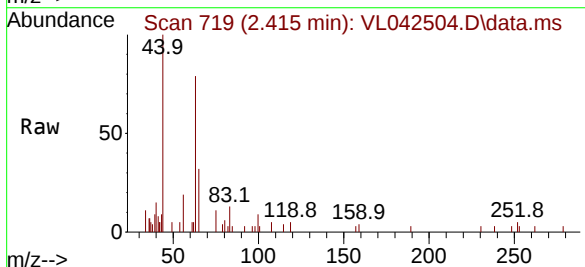
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

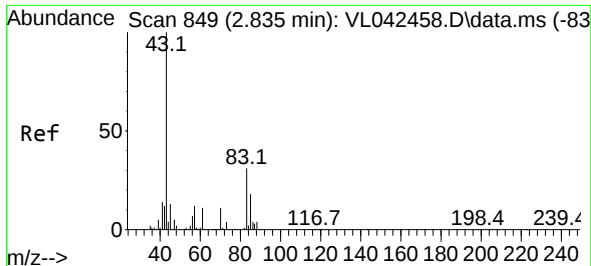
Tgt Ion: 43	Resp: 1523
Ion Ratio	Lower Upper
43 100	
86 0.0	5.5 8.3#
42 28.1	8.3 12.5#
44 36.2	4.6 7.0#



#24
 1,1-Dichloroethane
 Concen: 0.131 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 63	Resp: 1258
Ion Ratio	Lower Upper
63 100	
98 4.1	1.8 5.5
100 14.6	1.4 4.2#



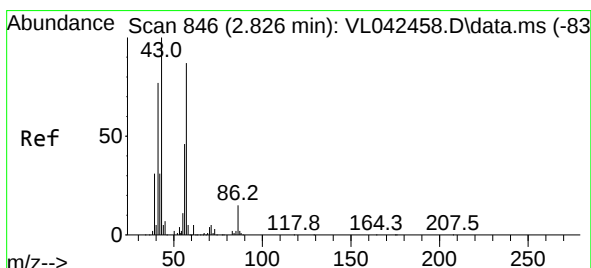
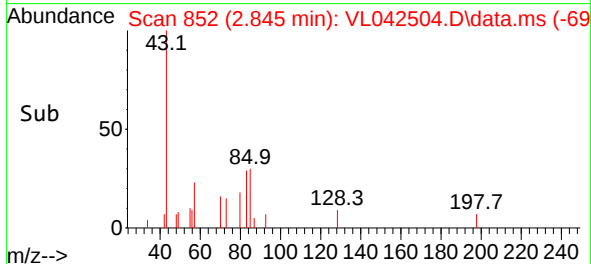
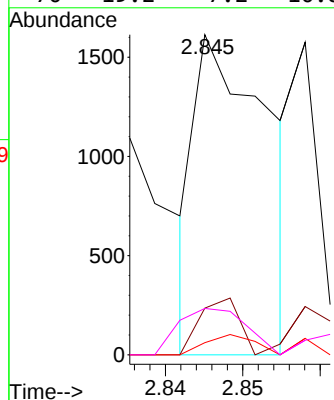
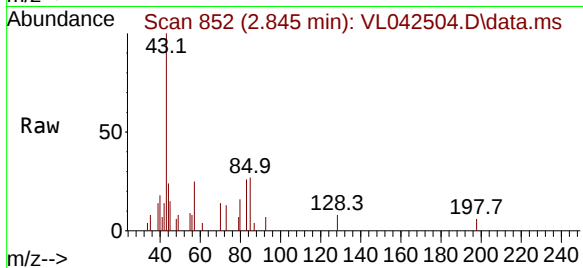


#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 2.845 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

Tgt Ion: 43 Resp: 1052

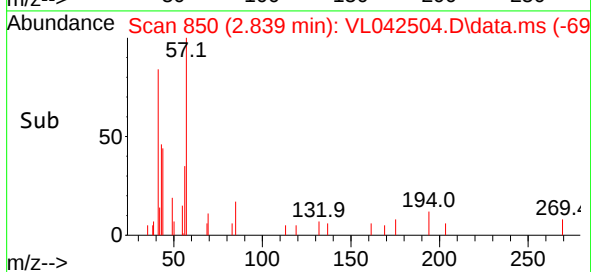
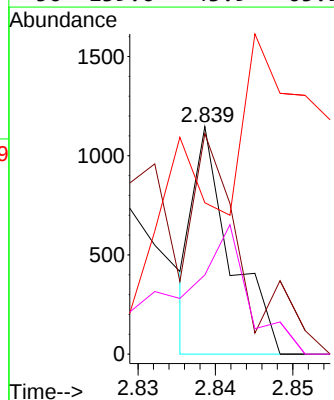
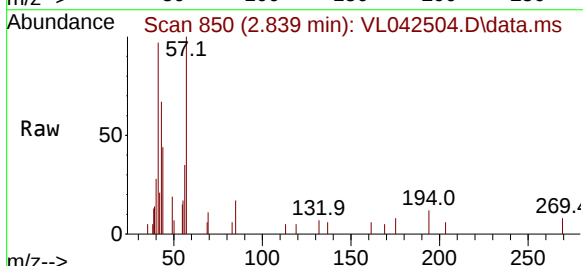
Ion	Ratio	Lower	Upper
43	100		
45	21.0	7.8	11.6#
61	5.8	7.2	10.8#
70	19.2	7.2	10.8#

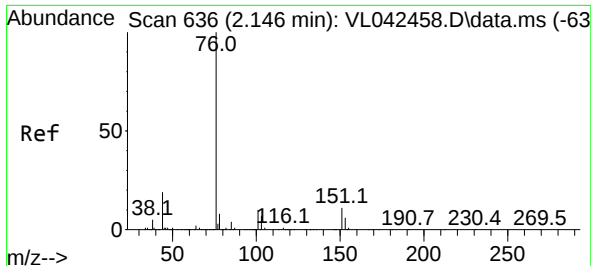


#26
Hexane
Concen: 0.042 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 57 Resp: 379

Ion	Ratio	Lower	Upper
57	100		
41	299.7	77.8	116.8#
43	683.9	187.0	280.6#
56	139.6	43.9	65.9#

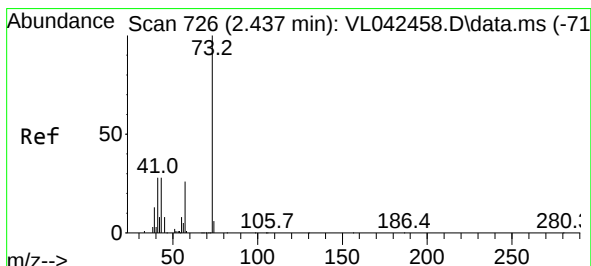
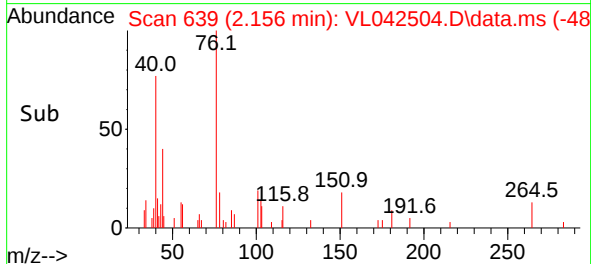
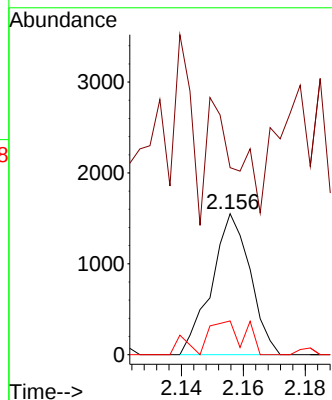
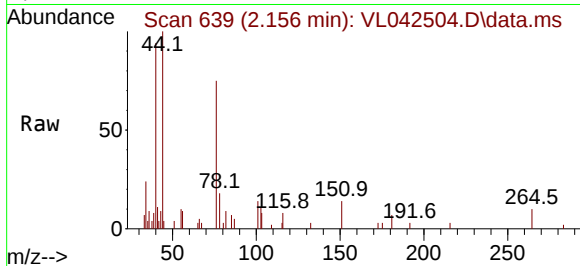




#27
Carbon Disulfide
Concen: 0.128 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

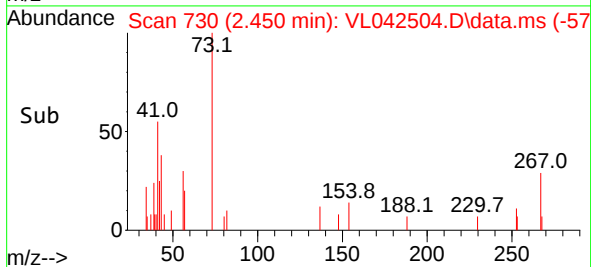
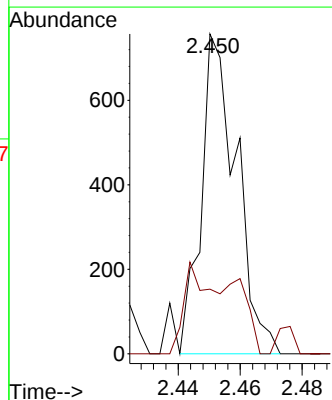
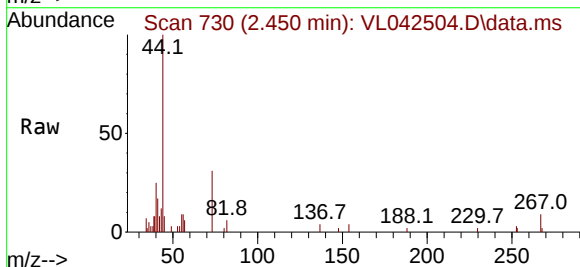
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

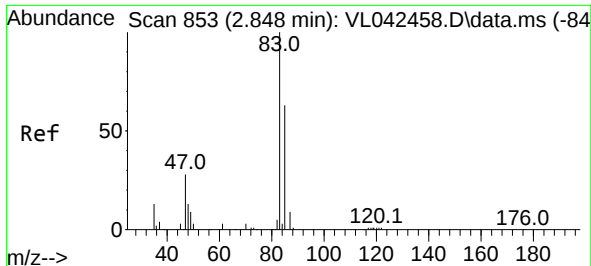
Tgt Ion: 76 Resp: 1341
Ion Ratio Lower Upper
76 100
44 252.6 21.0 31.6#
78 27.9 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.111 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 73 Resp: 599
Ion Ratio Lower Upper
73 100
57 42.1 19.9 29.9#





#29

Chloroform

Concen: 0.094 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

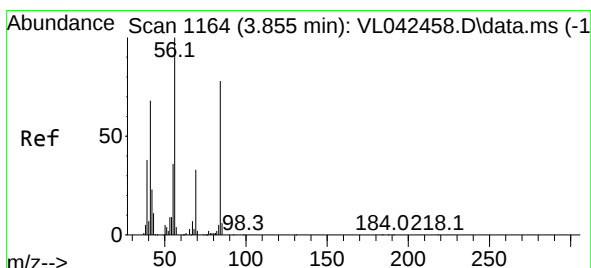
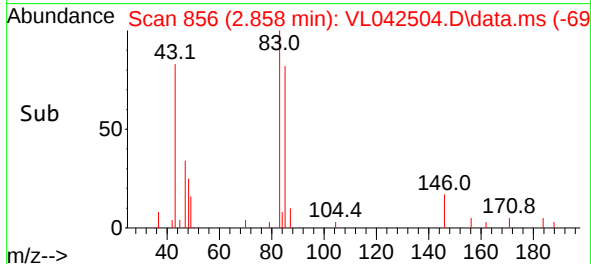
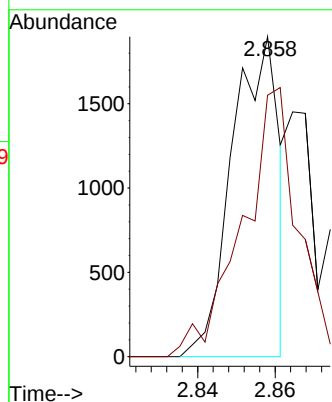
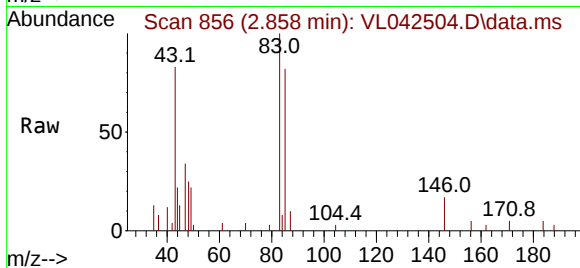
MDL1 0.1

Tgt Ion: 83 Resp: 1593

Ion Ratio Lower Upper

83 100

85 78.5 50.4 75.6#



#30

Cyclohexane

Concen: 0.026 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

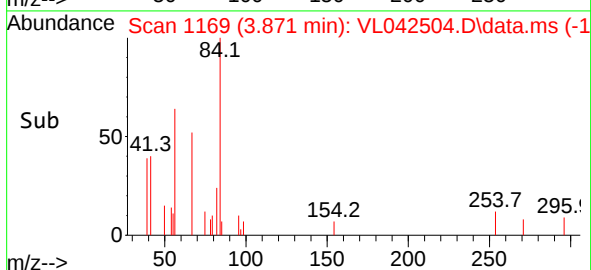
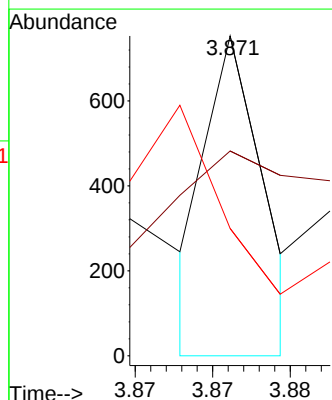
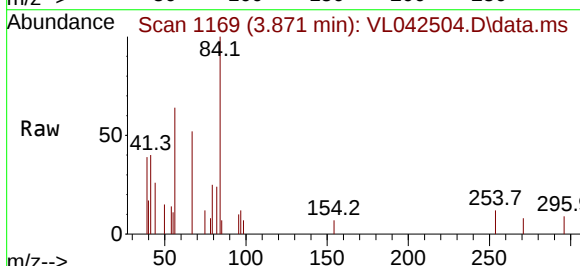
Tgt Ion: 84 Resp: 193

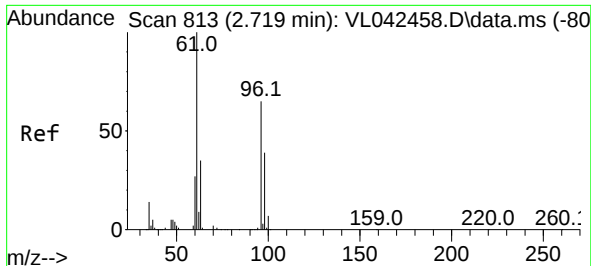
Ion Ratio Lower Upper

84 100

56 378.8 98.1 147.1#

41 0.0 65.8 98.8#

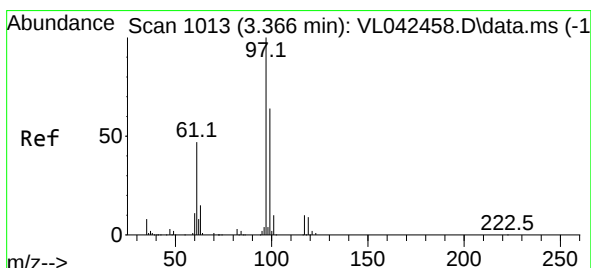
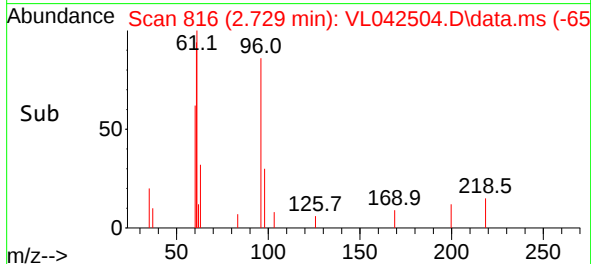
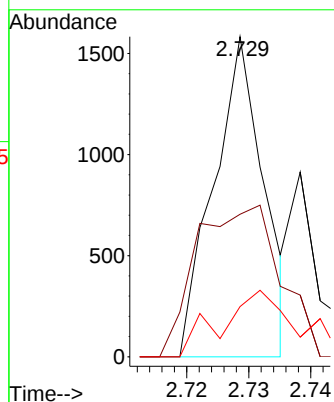
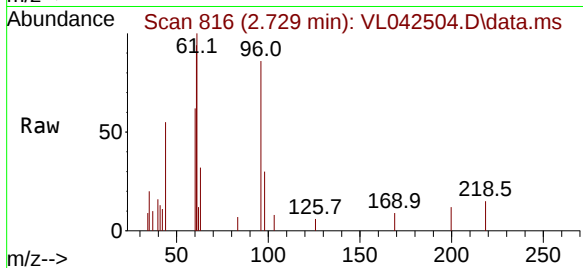




#31
 cis-1,2-Dichloroethene
 Concen: 0.085 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

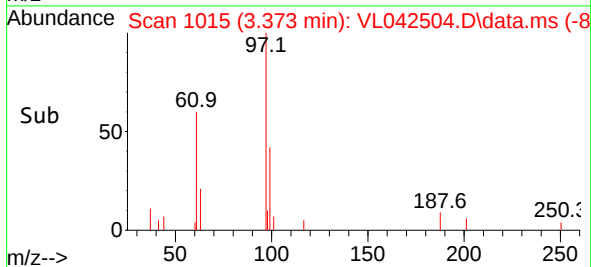
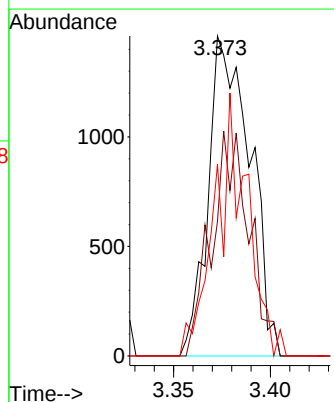
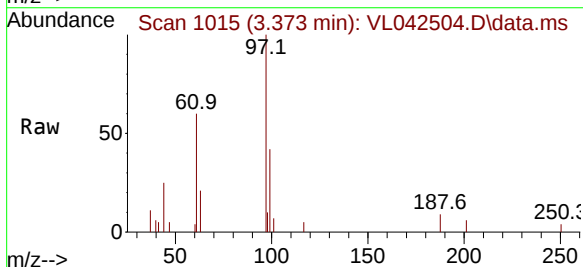
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

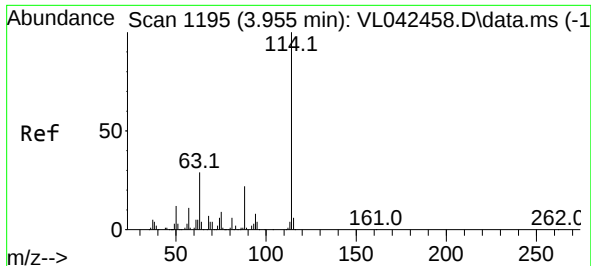
Tgt Ion: 61 Resp: 894
 Ion Ratio Lower Upper
 61 100
 96 30.6 52.0 78.0#
 98 15.7 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.120 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 97 Resp: 2201
 Ion Ratio Lower Upper
 97 100
 99 63.1 50.7 76.1
 61 63.2 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1

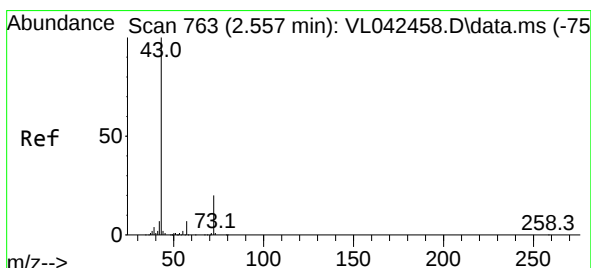
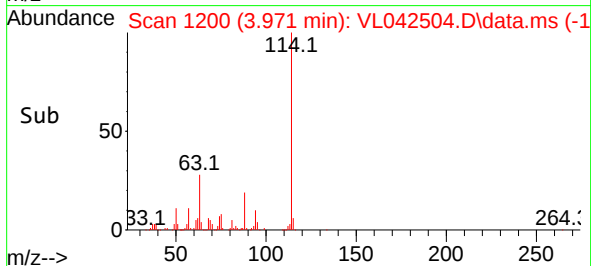
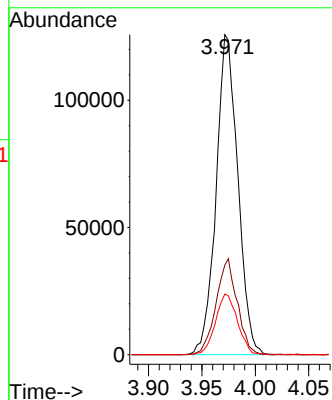
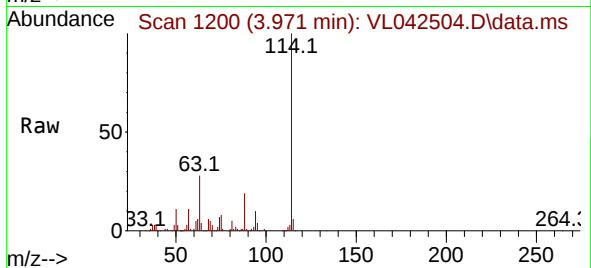
Tgt Ion:114 Resp: 178066

Ion Ratio Lower Upper

114 100

63 29.4 23.1 34.7

88 19.2 16.1 24.1



#34

2-Butanone

Concen: 0.051 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042504.D

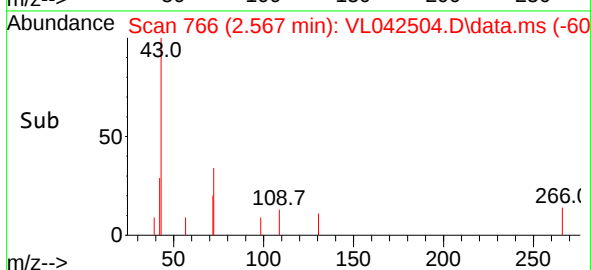
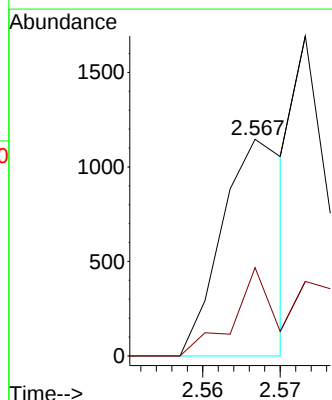
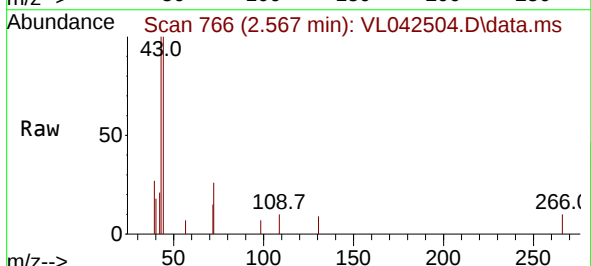
Acq: 06 May 2025 19:10

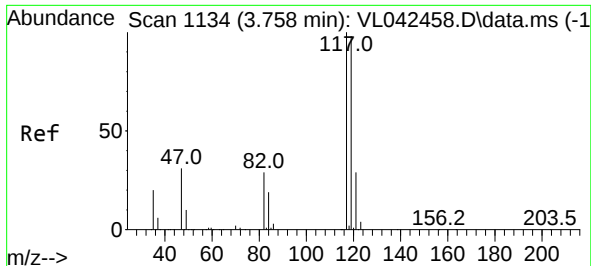
Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#

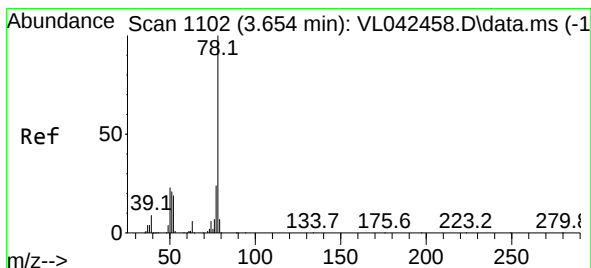
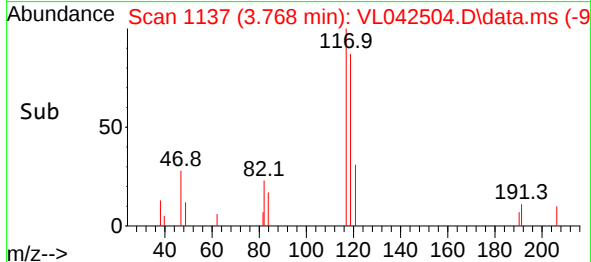
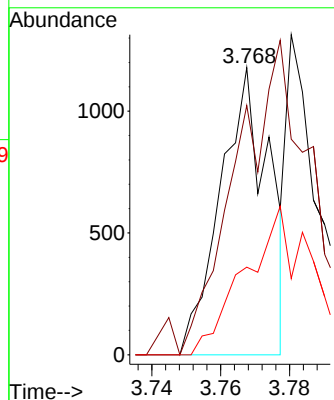
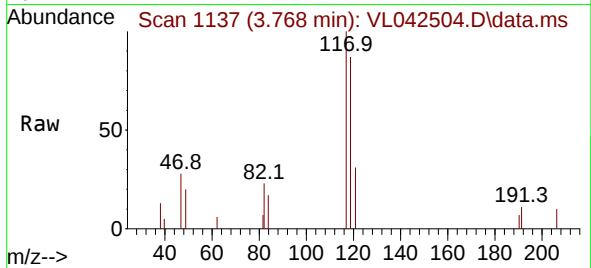




#35
Carbon Tetrachloride
Concen: 0.071 ppbv
RT: 3.768 min Scan# 1134
Delta R.T. 0.010 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

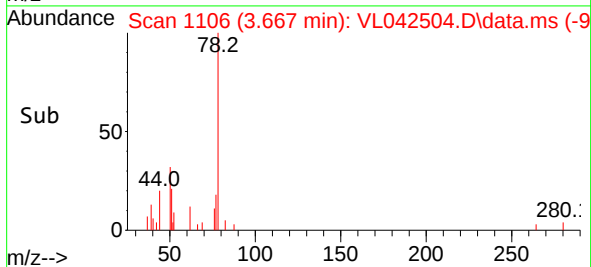
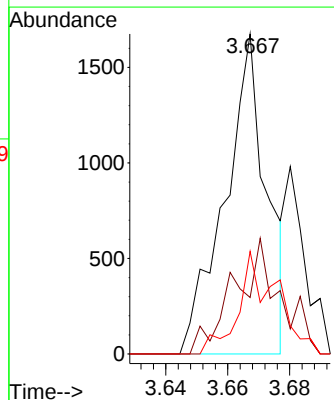
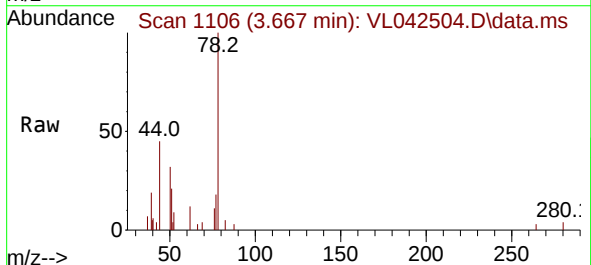
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

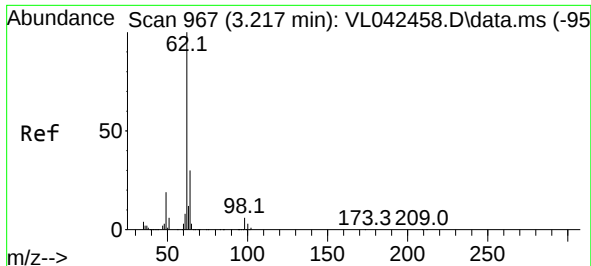
Tgt Ion:117 Resp: 1151
Ion Ratio Lower Upper
117 100
119 86.8 78.1 117.1
121 30.5 23.0 34.6



#36
Benzene
Concen: 0.093 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 78 Resp: 1562
Ion Ratio Lower Upper
78 100
77 17.7 18.9 28.3#
50 32.1 18.4 27.6#





#37

1,2-Dichloroethane

Concen: 0.146 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

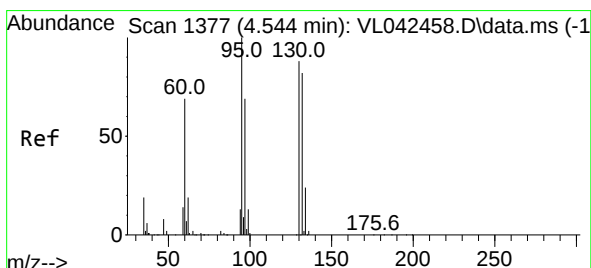
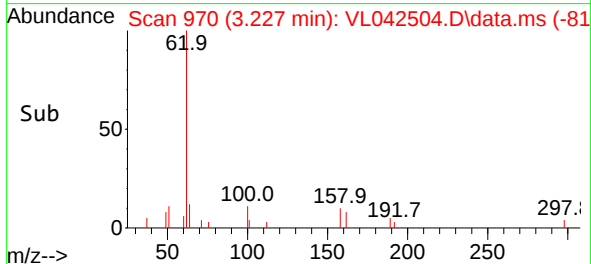
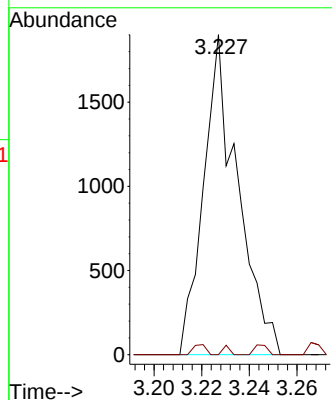
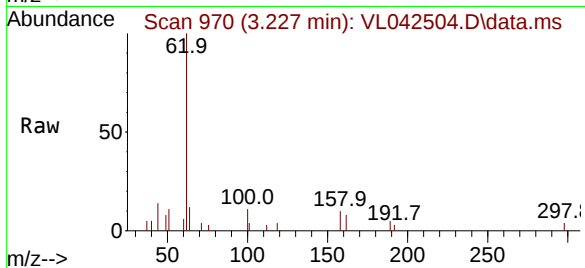
MDL1 0.1

Tgt Ion: 62 Resp: 1889

Ion Ratio Lower Upper

62 100

98 1.7 4.3 6.5#



#38

Trichloroethene

Concen: 0.027 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Tgt Ion:130 Resp: 171

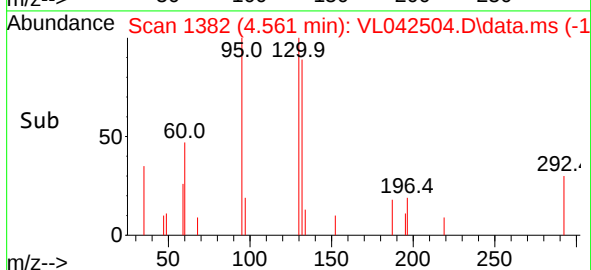
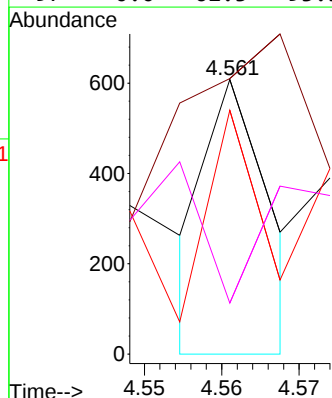
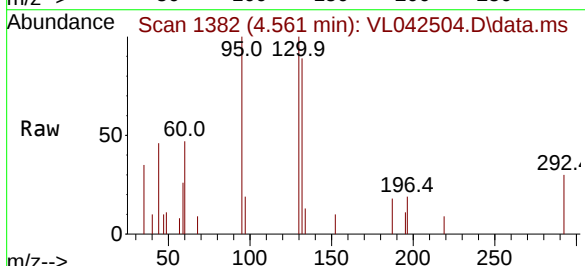
Ion Ratio Lower Upper

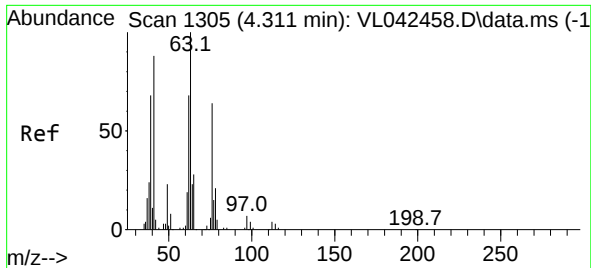
130 100

95 15.7 91.0 136.4#

132 135.9 74.2 111.4#

97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.280 ppbv

RT: 3.975 min Scan# 1

Delta R.T. -0.337 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1

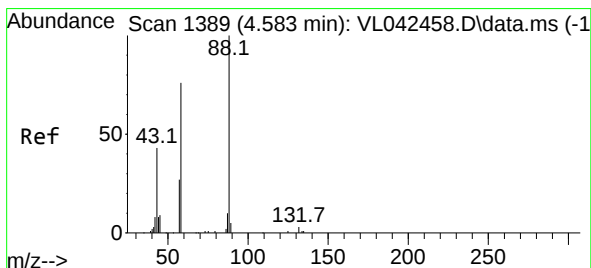
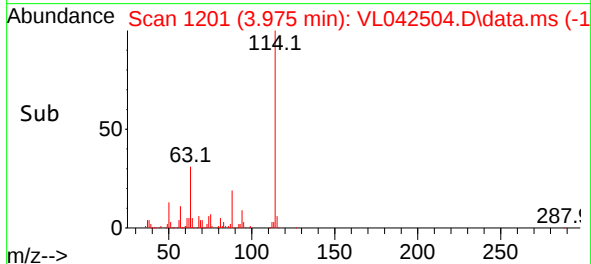
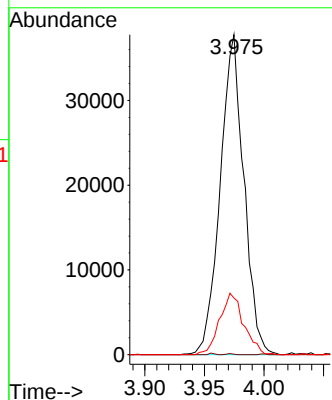
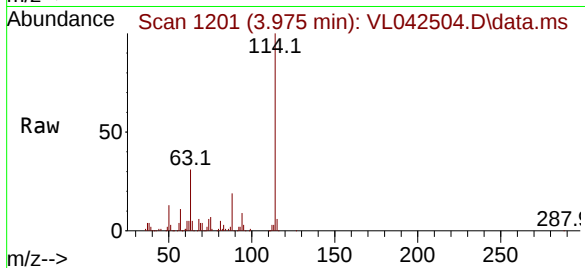
Tgt Ion: 63 Resp: 52087

Ion Ratio Lower Upper

63 100

41 0.1 69.8 104.6#

62 17.7 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.039 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Tgt Ion: 88 Resp: 20

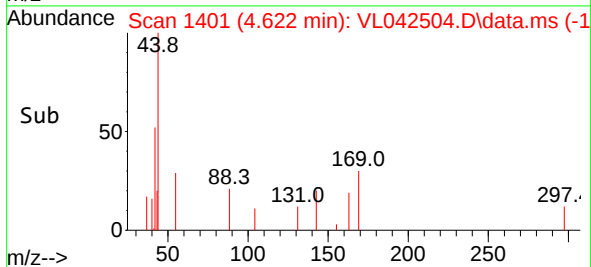
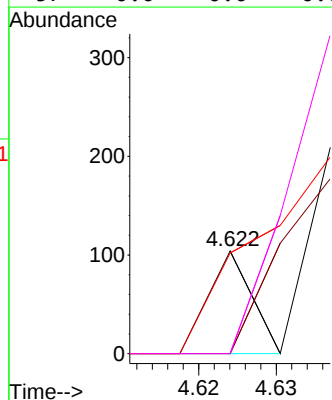
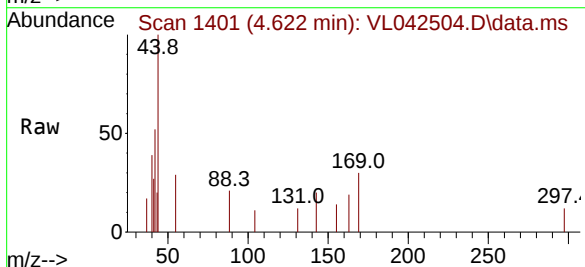
Ion Ratio Lower Upper

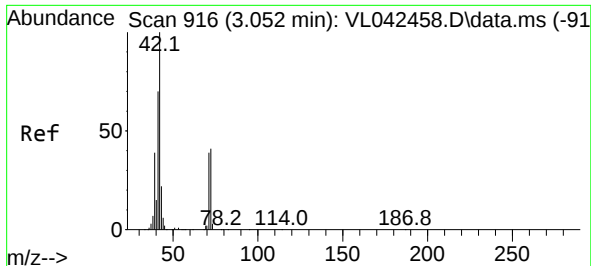
88 100

58 340.0 0.0 0.0#

43 145.0 0.0 0.0#

57 0.0 0.0 0.0

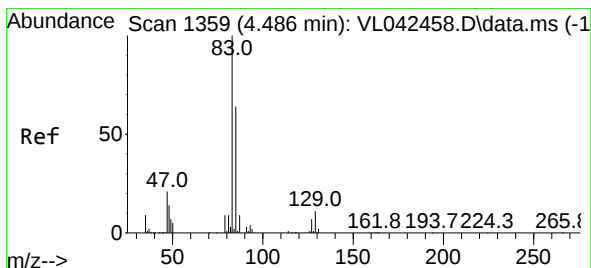
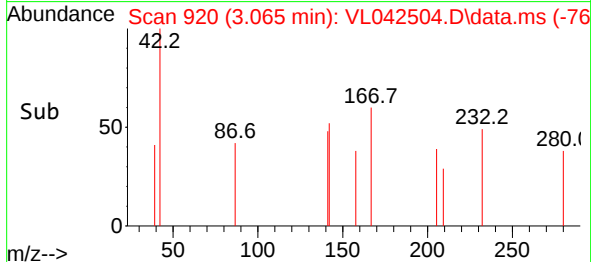
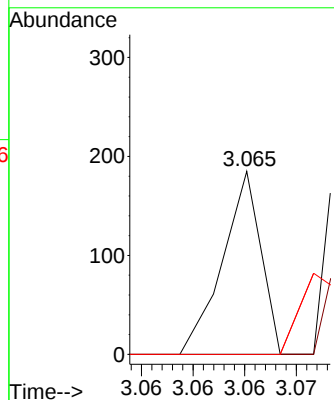
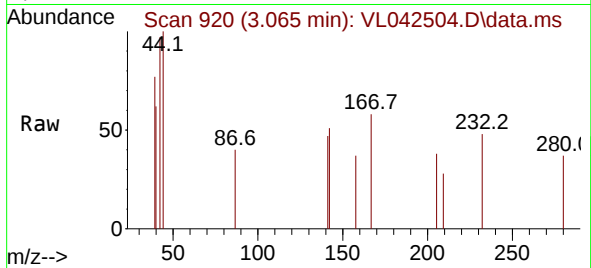




#41
Tetrahydrofuran
Concen: 0.008 ppbv
RT: 3.065 min Scan# 916
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

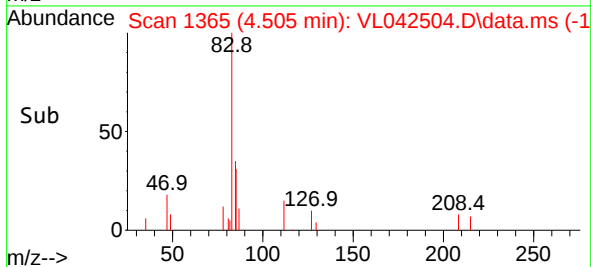
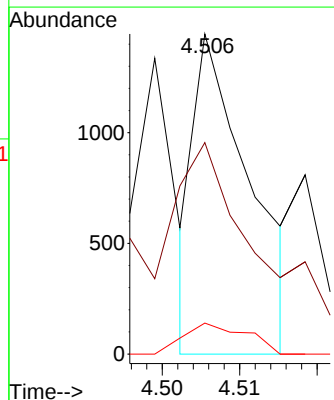
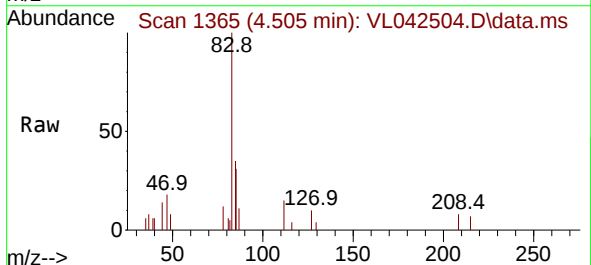
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

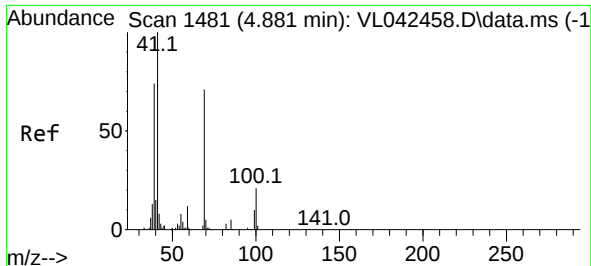
Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.046 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. 0.019 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 83 Resp: 729
Ion Ratio Lower Upper
83 100
85 69.6 51.5 77.3
127 16.0 5.4 8.2#

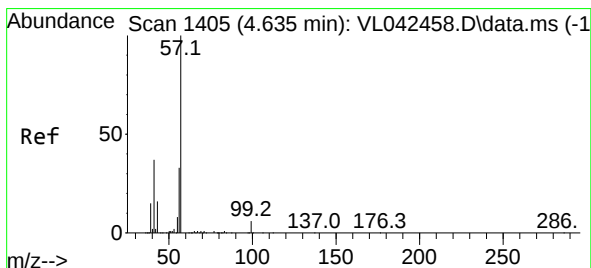
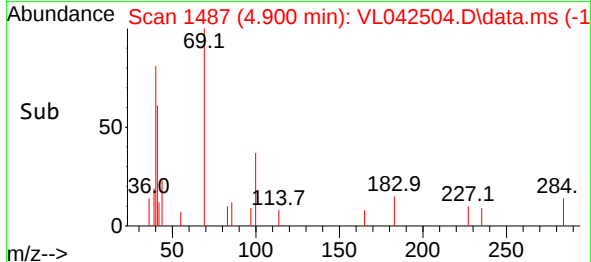
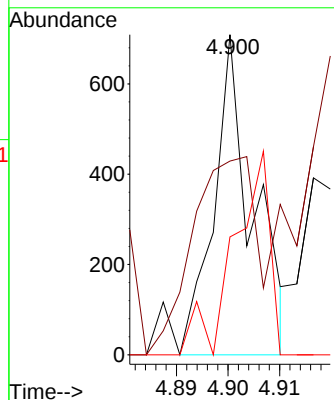
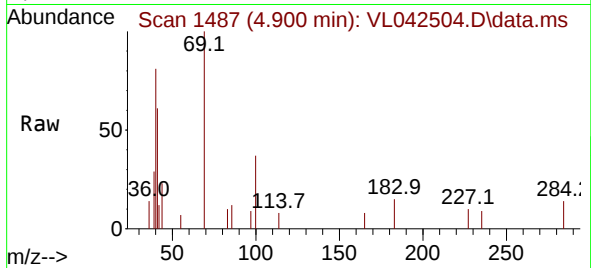




#43
Methyl Methacrylate
Concen: 0.059 ppbv
RT: 4.900 min Scan# 1413
Delta R.T. 0.019 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

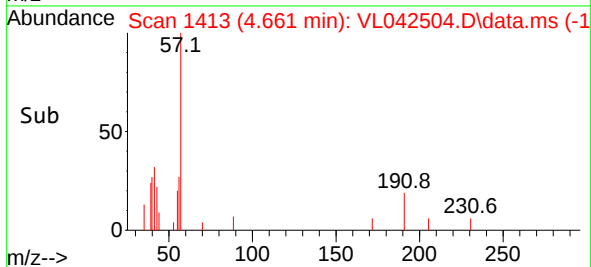
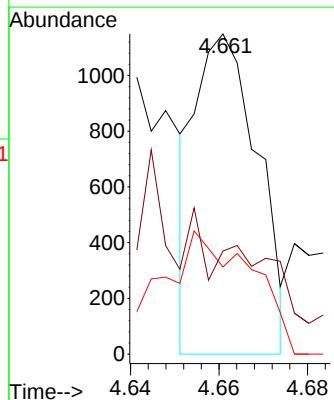
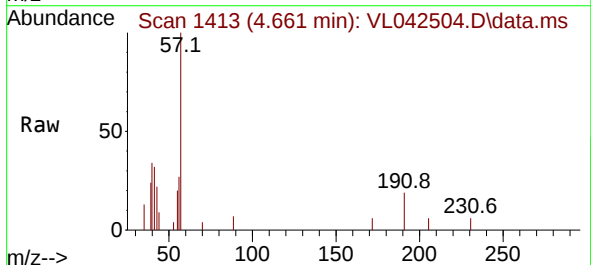
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

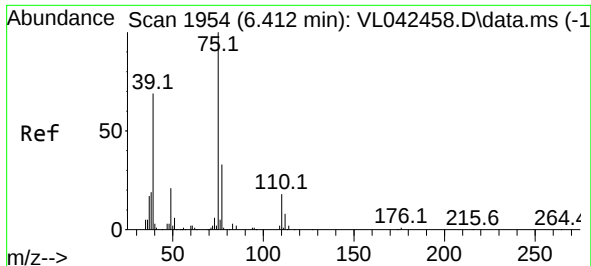
Tgt Ion: 69 Resp: 371
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 58.2 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.041 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.026 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 57 Resp: 1129
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 63.5 25.0 37.6#

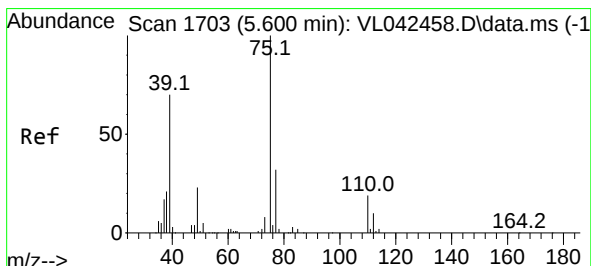
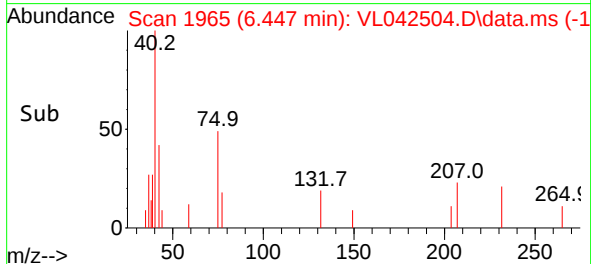
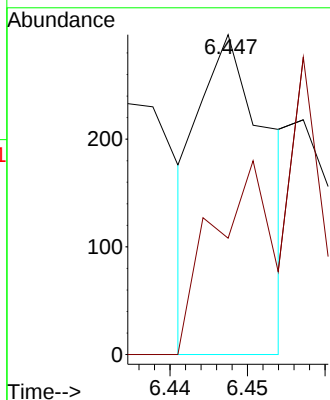
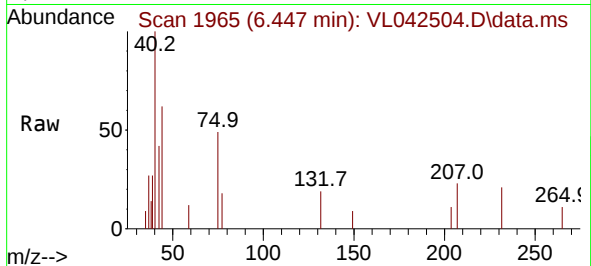




#45
 t-1,3-Dichloropropene
 Concen: 0.023 ppbv
 RT: 6.447 min Scan# 1954
 Delta R.T. 0.036 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

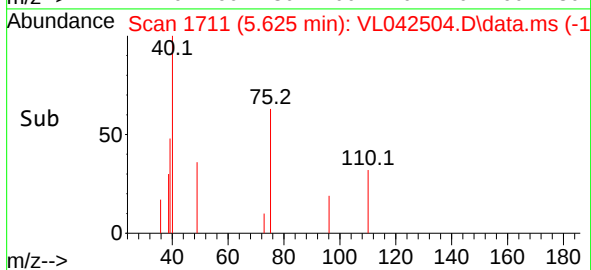
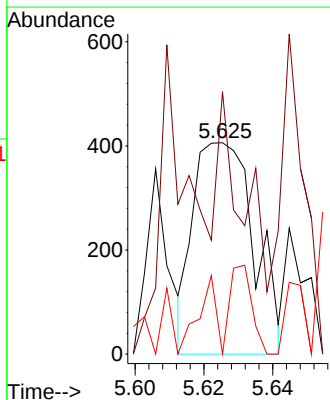
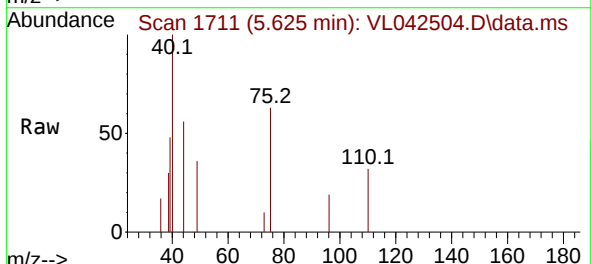
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

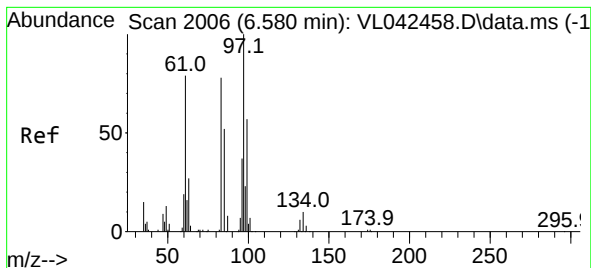
Tgt Ion: 75 Resp: 186
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.051 ppbv
 RT: 5.625 min Scan# 1711
 Delta R.T. 0.026 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion: 75 Resp: 500
 Ion Ratio Lower Upper
 75 100
 39 76.6 55.7 83.5
 77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.080 ppbv

RT: 6.606 min Scan# 2006

Delta R.T. 0.026 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

MDL1 0.1

Tgt Ion: 97 Resp: 553

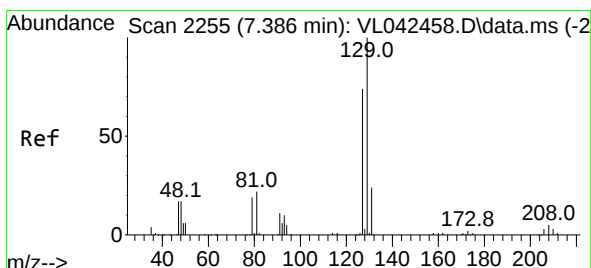
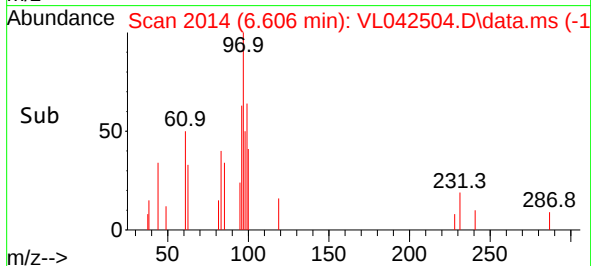
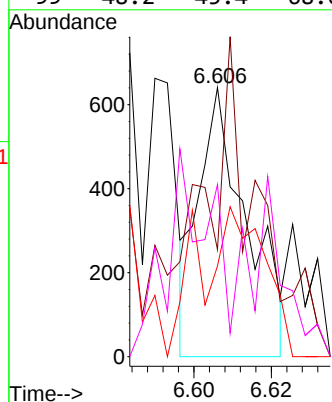
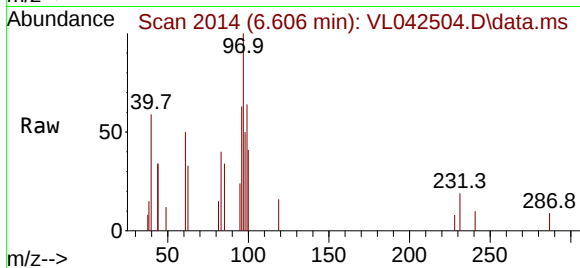
Ion Ratio Lower Upper

97 100

83 24.9 62.2 93.2#

85 17.3 41.5 62.3#

99 48.2 45.4 68.0



#48

Dibromochloromethane

Concen: 0.066 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. 0.023 min

Lab File: VL042504.D

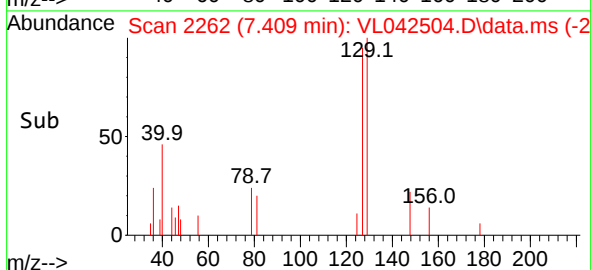
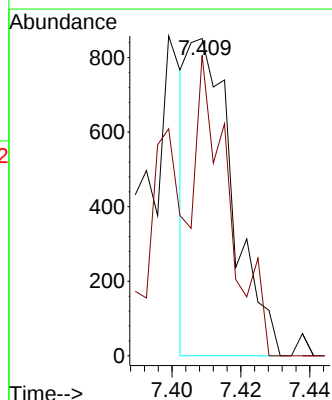
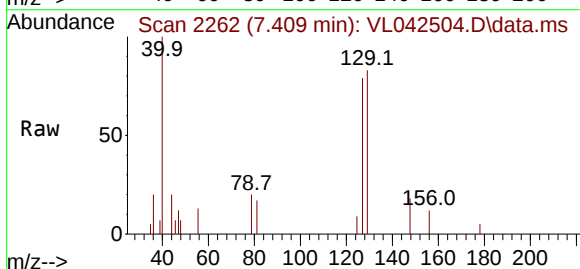
Acq: 06 May 2025 19:10

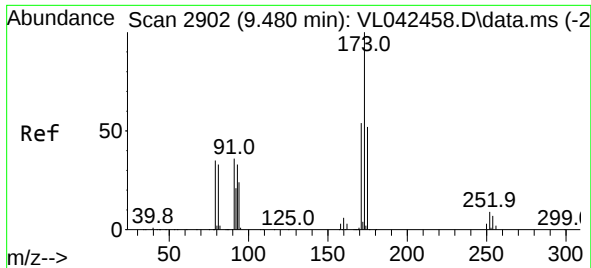
Tgt Ion: 129 Resp: 770

Ion Ratio Lower Upper

129 100

127 134.2 39.5 118.5#





#49

Bromoform

Concen: 0.070 ppbv

RT: 9.496 min Scan# 2902

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1

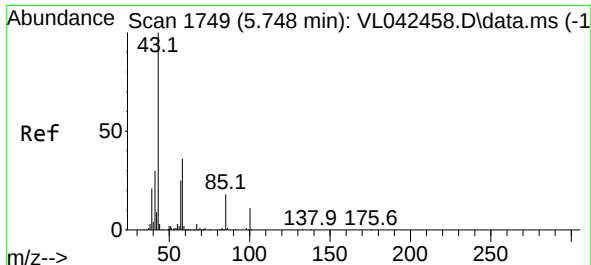
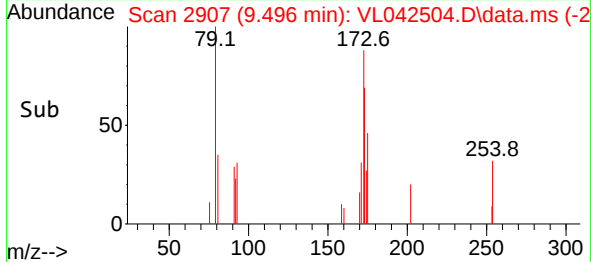
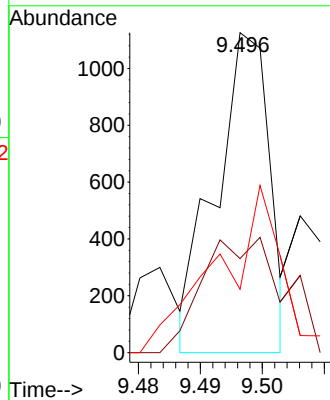
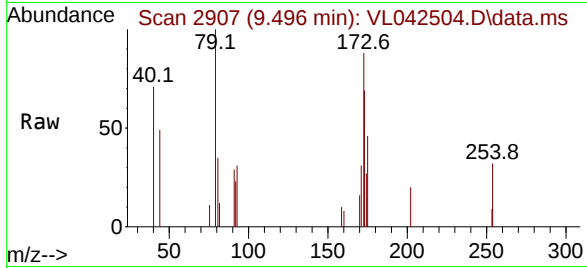
Tgt Ion:173 Resp: 683

Ion Ratio Lower Upper

173 100

175 54.0 38.9 58.3

171 71.3 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

RT: 5.777 min Scan# 1758

Delta R.T. 0.029 min

Lab File: VL042504.D

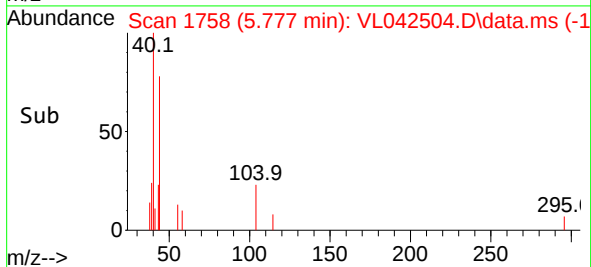
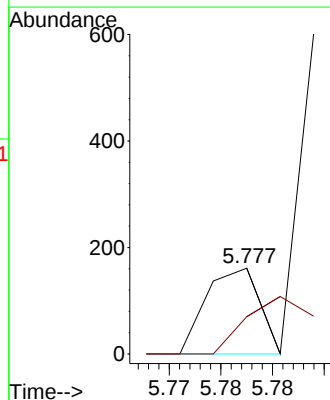
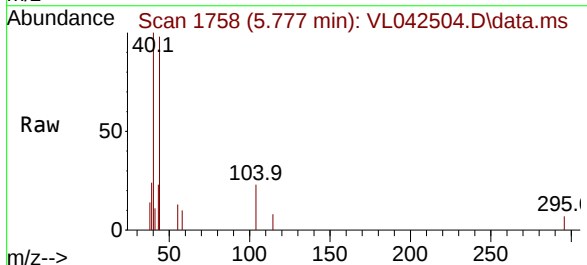
Acq: 06 May 2025 19:10

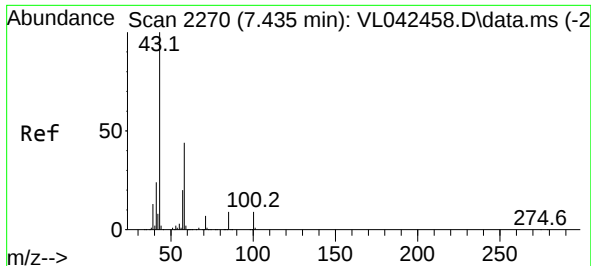
Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

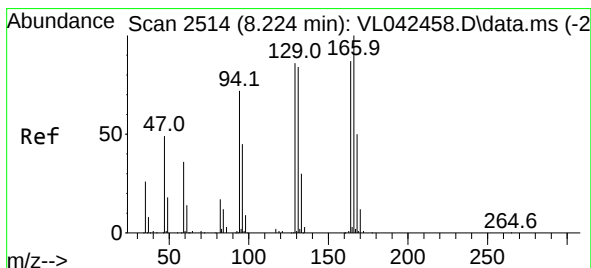
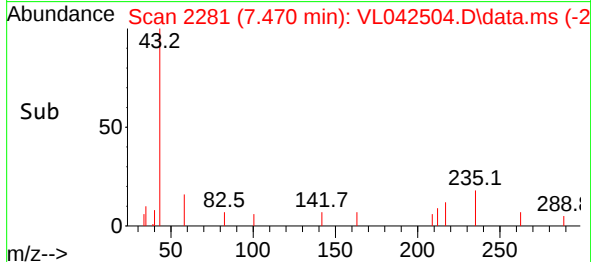
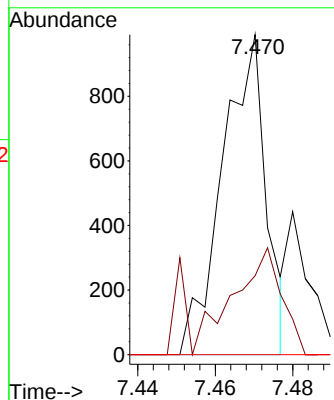
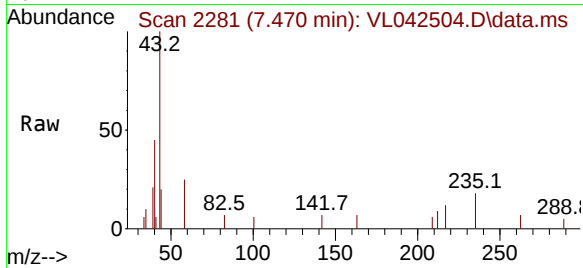




#51
2-Hexanone
Concen: 0.060 ppbv
RT: 7.470 min Scan# 211
Delta R.T. 0.036 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

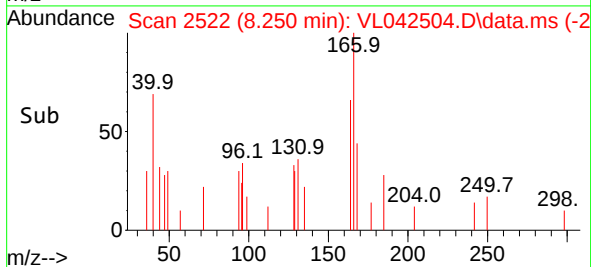
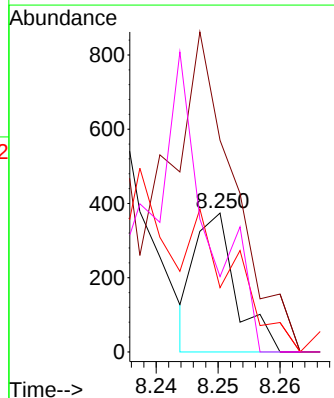
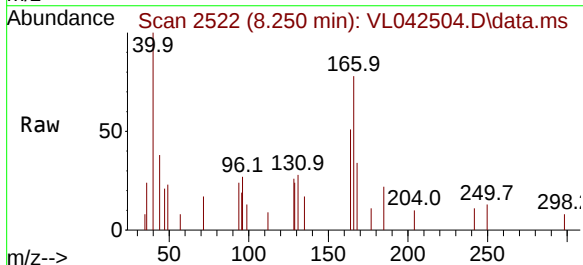
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

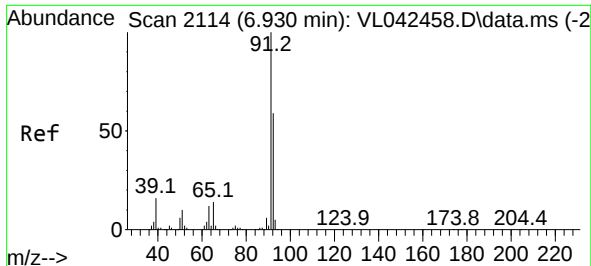
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 44.7 37.2 55.8
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.027 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.026 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 164 Resp: 171
Ion Ratio Lower Upper
164 100
166 110.7 91.6 137.4
129 25.1 79.0 118.4#
131 54.3 77.6 116.4#

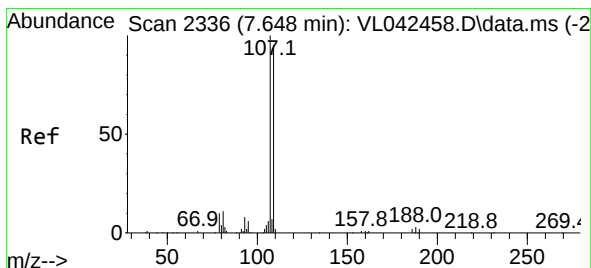
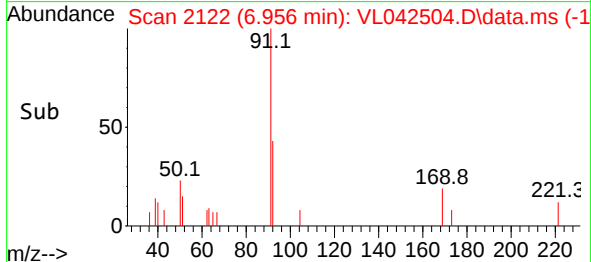
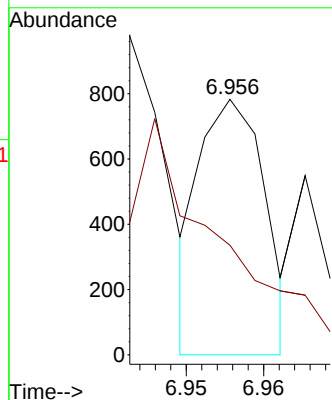
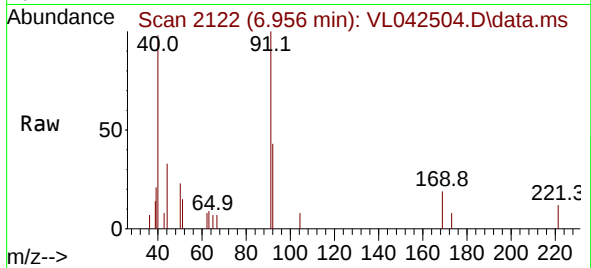




#53
Toluene
Concen: 0.026 ppbv
RT: 6.956 min Scan# 2114
Delta R.T. 0.026 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

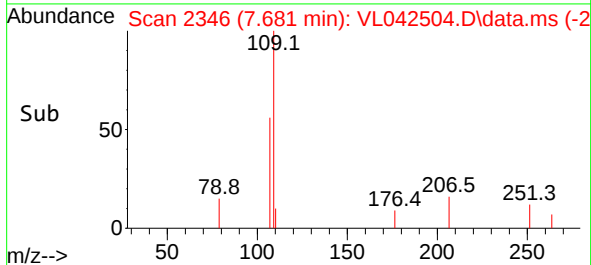
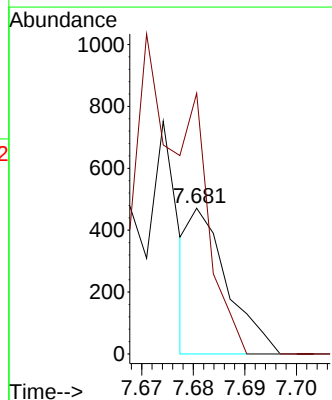
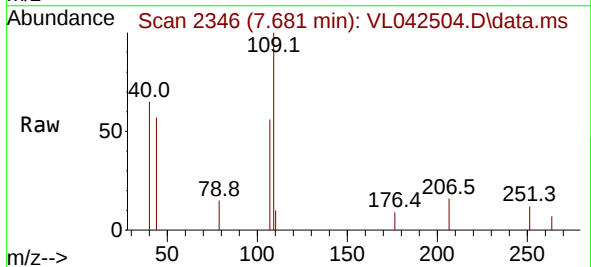
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

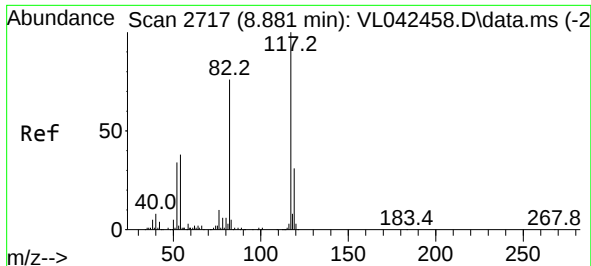
Tgt Ion: 91 Resp: 459
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.023 ppbv
RT: 7.681 min Scan# 2346
Delta R.T. 0.032 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 107 Resp: 240
Ion Ratio Lower Upper
107 100
109 178.8 76.0 114.0#

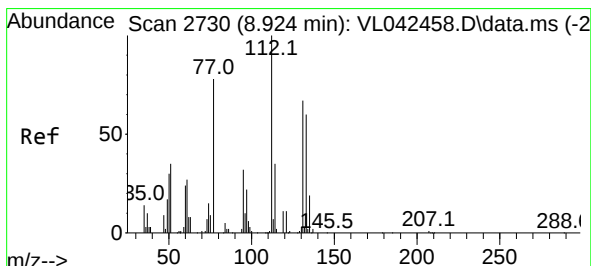
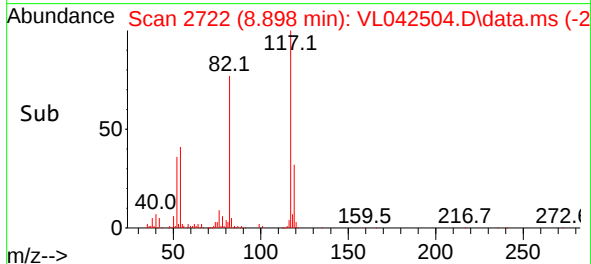
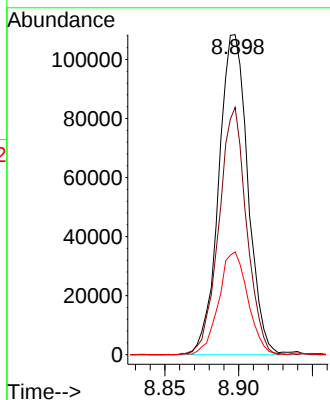
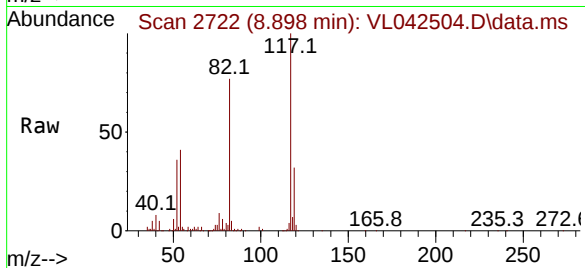




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2175
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

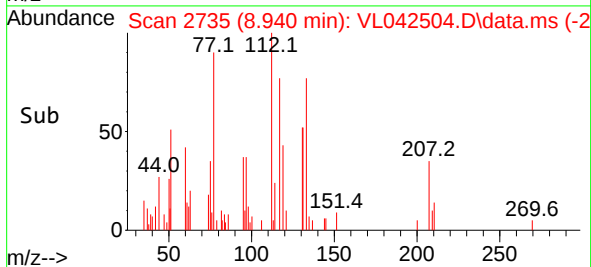
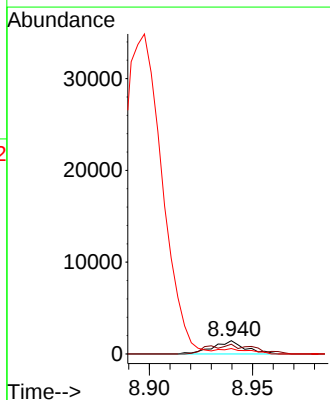
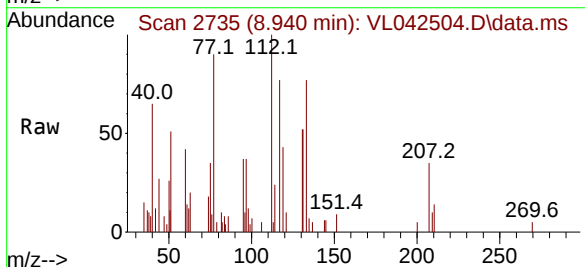
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

Tgt Ion:117 Resp: 148825
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 32.5 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.175 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion:131 Resp: 1540
Ion Ratio Lower Upper
131 100
133 103.2 76.0 114.0
119 3154.3 46.1 69.1#





#57

Chlorobenzene

Concen: 0.111 ppbv

RT: 8.943 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

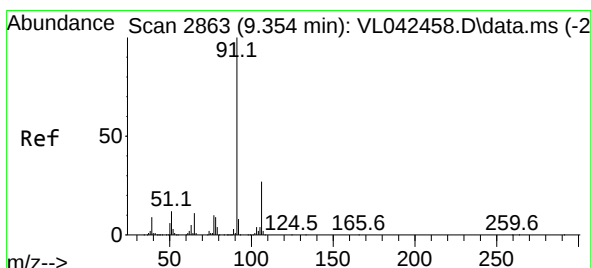
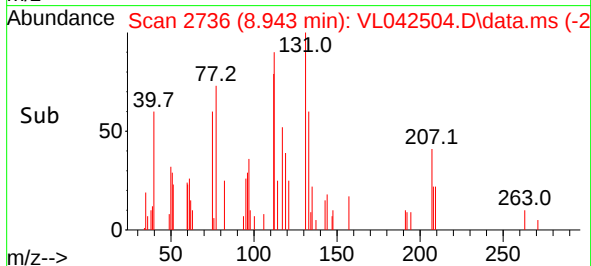
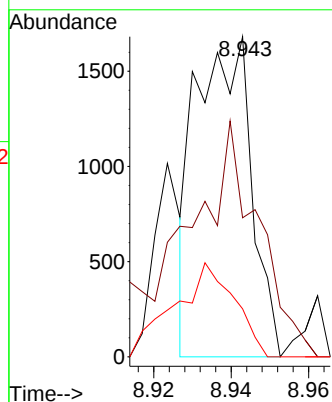
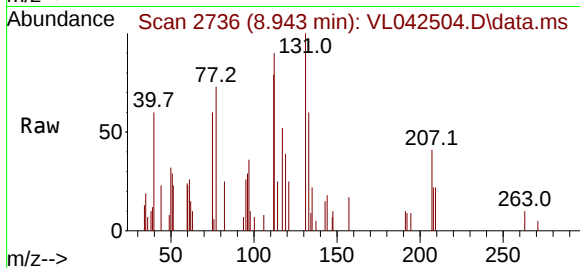
Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1

Tgt Ion:112	Resp:	1653
Ion Ratio	Lower	Upper
112	100	
77	27.9	65.0 97.4#
114	15.0	27.5 33.7#



#58

Ethyl Benzene

Concen: 0.028 ppbv

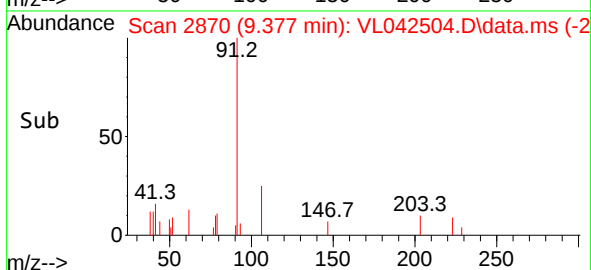
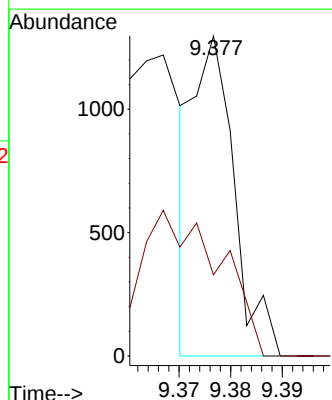
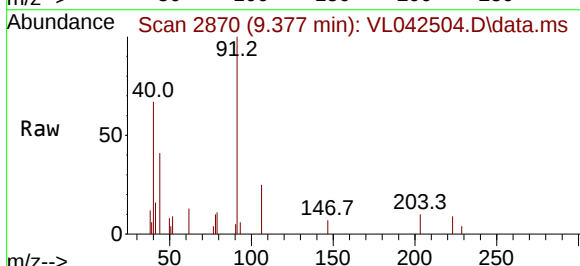
RT: 9.377 min Scan# 2870

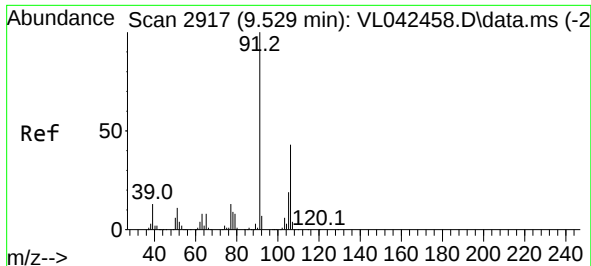
Delta R.T. 0.023 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Tgt Ion: 91	Resp:	706
Ion Ratio	Lower	Upper
91	100	
106	25.4	21.9 32.9





#59

m/p-Xylene

Concen: 0.062 ppbv

RT: 9.548 min Scan# 2917

Delta R.T. 0.019 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

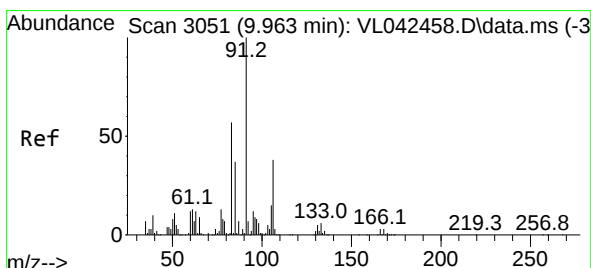
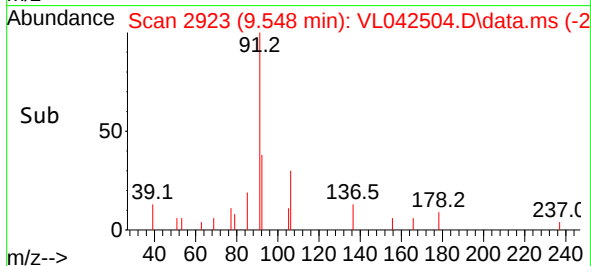
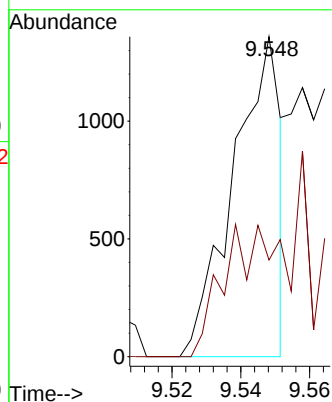
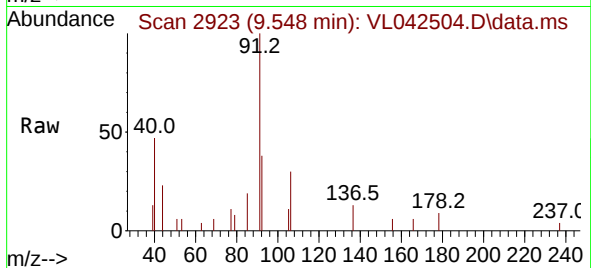
MDL1 0.1

Tgt Ion: 91 Resp: 1285

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.068 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.016 min

Lab File: VL042504.D

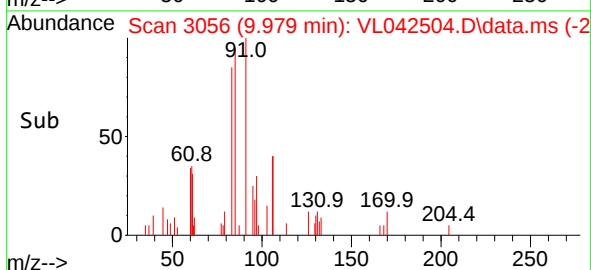
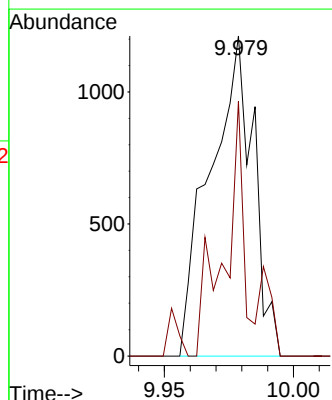
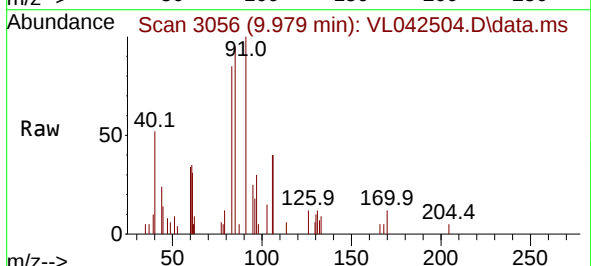
Acq: 06 May 2025 19:10

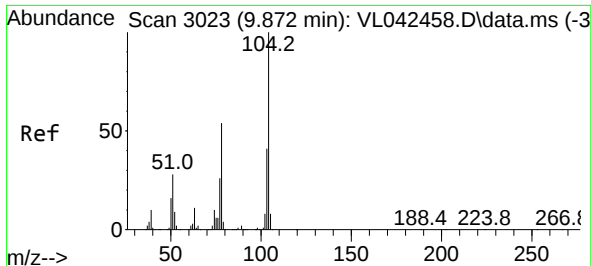
Tgt Ion: 91 Resp: 1415

Ion Ratio Lower Upper

91 100

106 46.6 20.1 60.2

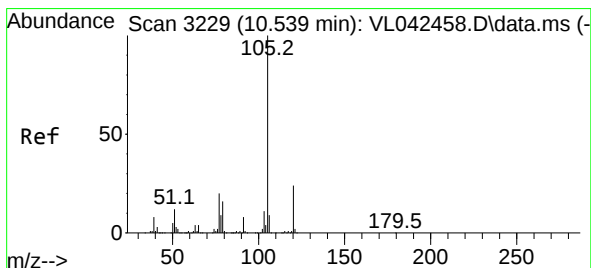
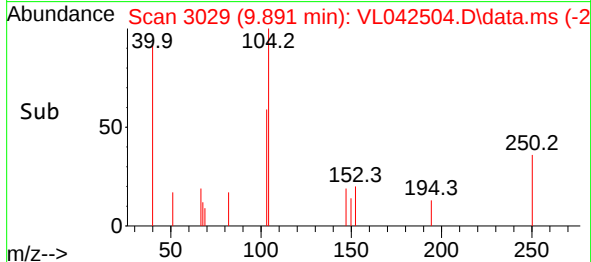
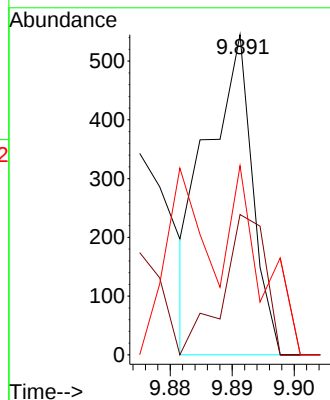
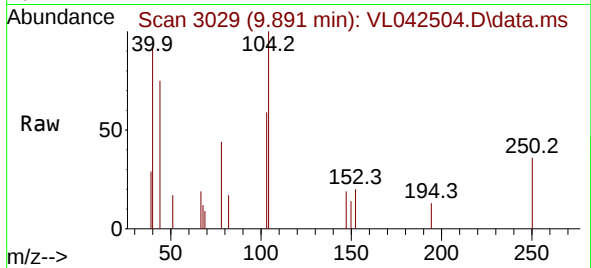




#61
Styrene
Concen: 0.036 ppbv
RT: 9.891 min Scan# 3023
Delta R.T. 0.019 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

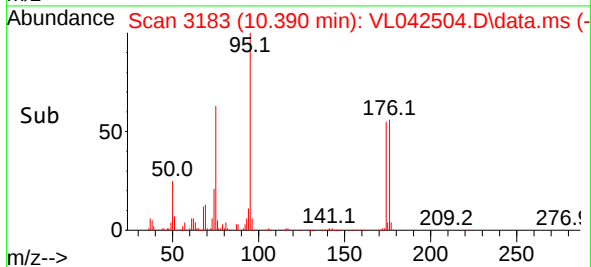
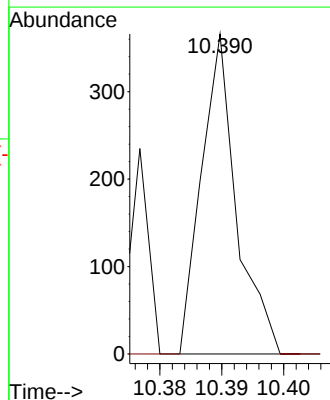
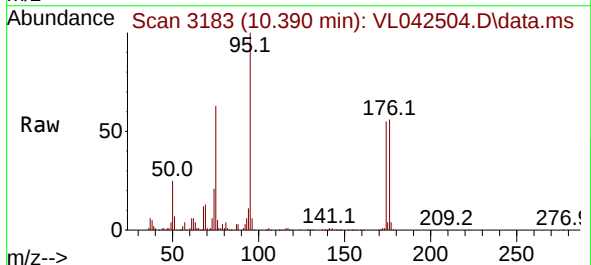
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

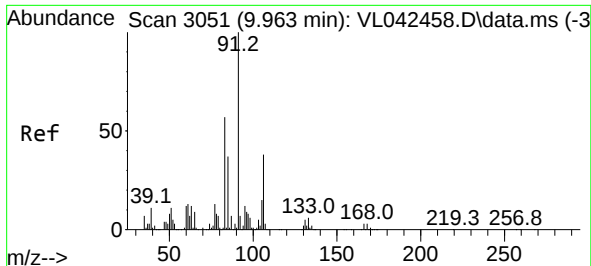
Tgt Ion:104 Resp: 277
Ion Ratio Lower Upper
104 100
78 93.9 46.9 70.3#
103 93.5 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.005 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.149 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion:105 Resp: 144
Ion Ratio Lower Upper
105 100
120 25.7 18.8 28.2





#63

1,1,2-Tetrachloroethane

Concen: 0.103 ppbv

RT: 9.975 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1

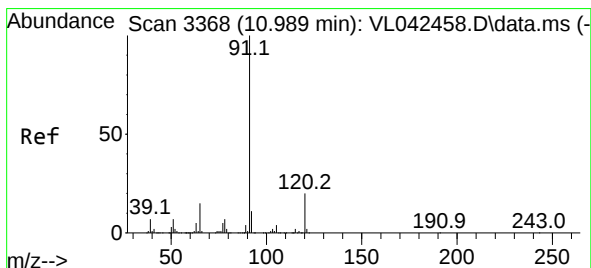
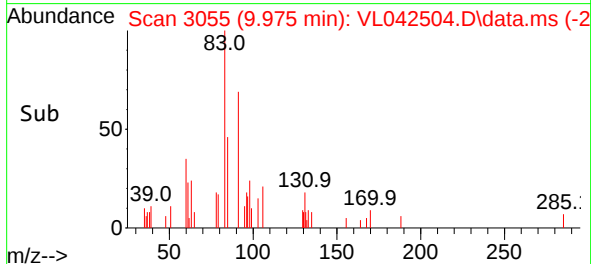
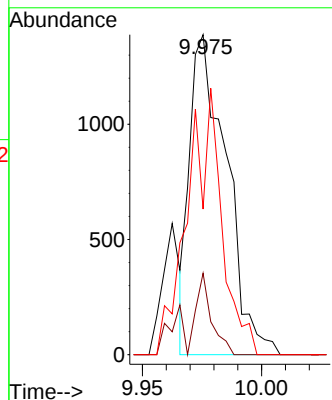
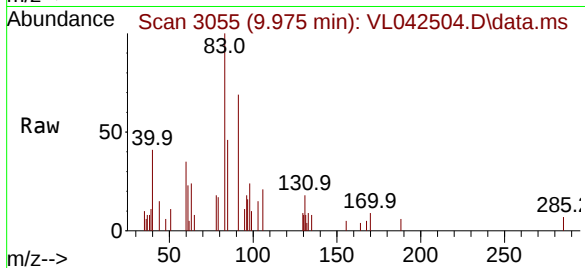
Tgt Ion: 83 Resp: 1486

Ion Ratio Lower Upper

83 100

131 16.8 4.7 14.1#

85 76.6 32.5 97.4



#64

n-propylbenzene

Concen: 0.021 ppbv

RT: 11.005 min Scan# 3373

Delta R.T. 0.016 min

Lab File: VL042504.D

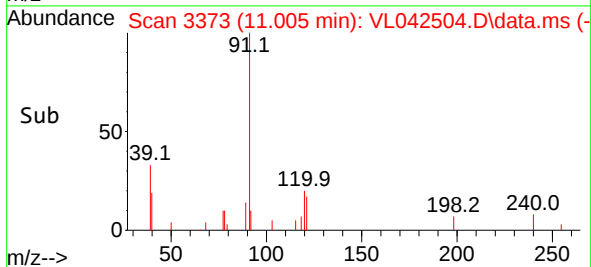
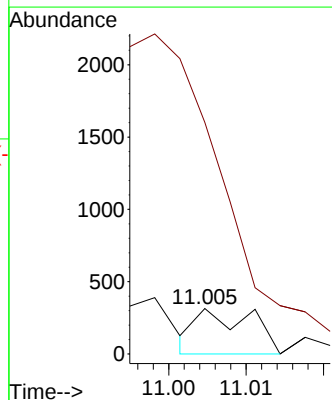
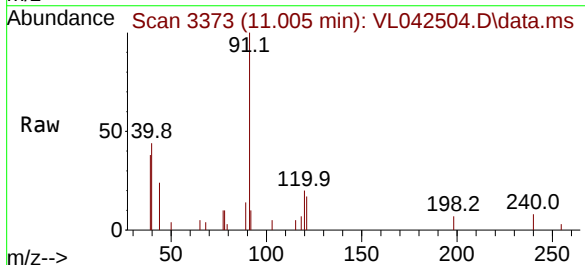
Acq: 06 May 2025 19:10

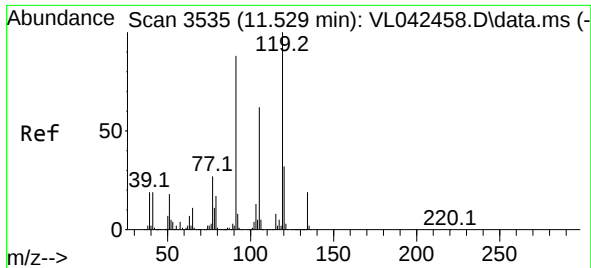
Tgt Ion: 120 Resp: 154

Ion Ratio Lower Upper

120 100

91 0.0 408.6 612.8#

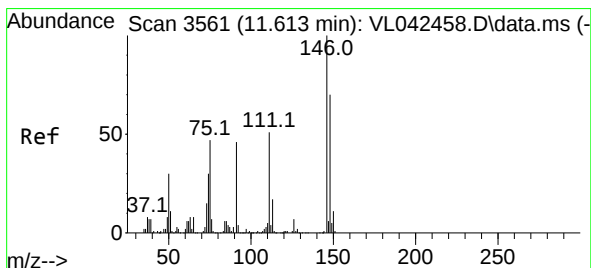
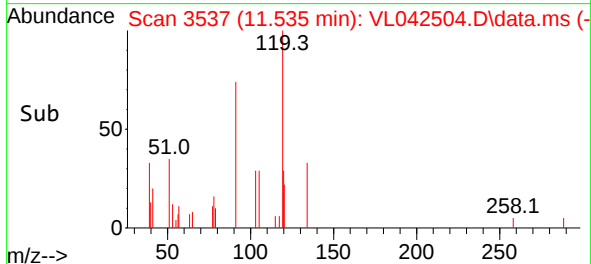
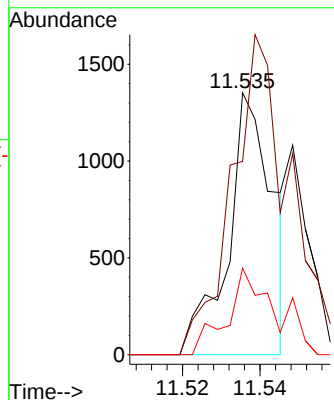
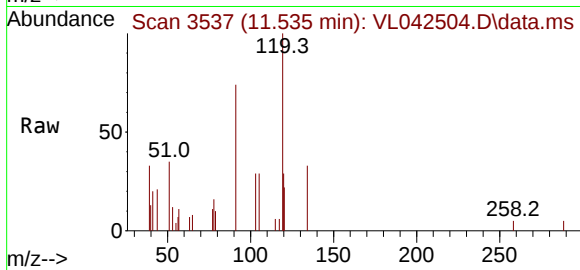




#65
tert-Butylbenzene
Concen: 0.040 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. 0.006 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

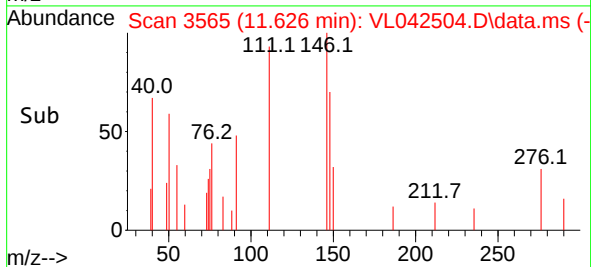
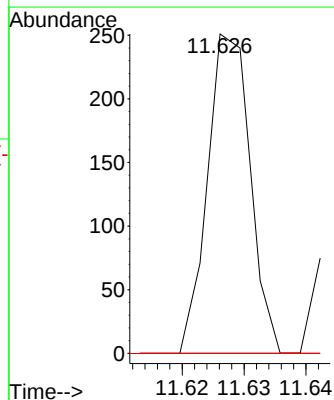
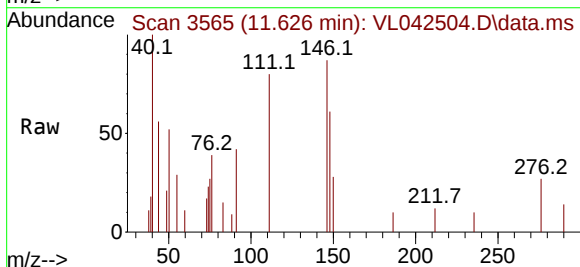
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

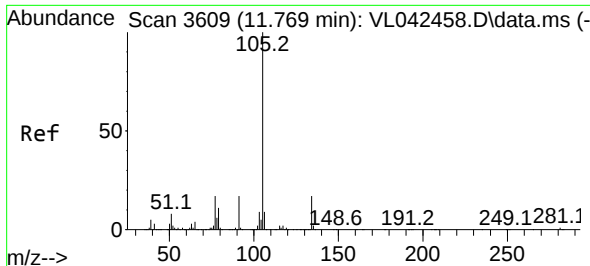
Tgt Ion: 119 Resp: 1071
Ion Ratio Lower Upper
119 100
91 159.9 71.6 107.4#
134 36.1 15.0 22.4#



#66
Benzyl Chloride
Concen: 0.039 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 91 Resp: 120
Ion Ratio Lower Upper
91 100
126 35.8 13.3 19.9#
128 0.0 4.2 6.4#





#67

sec-Butylbenzene

Concen: 0.018 ppbv

RT: 11.785 min Scan# 3609

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

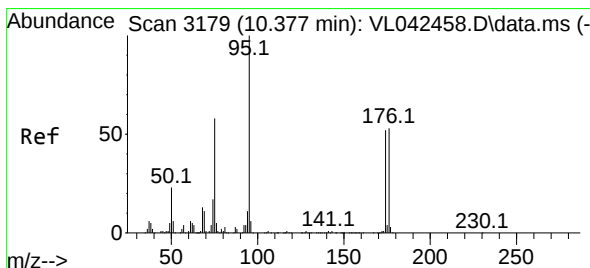
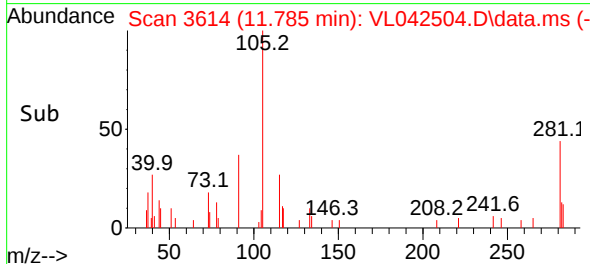
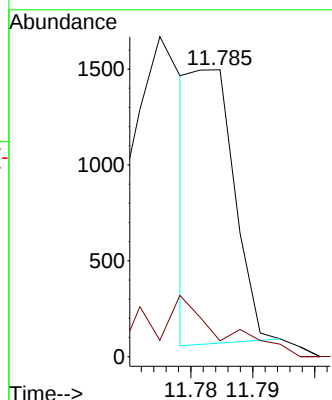
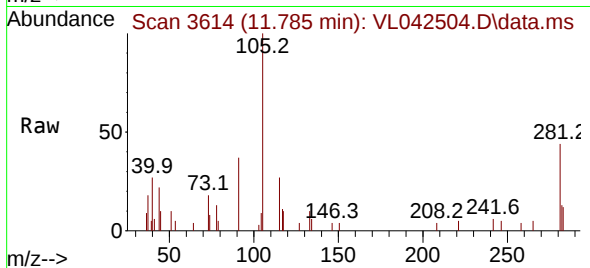
MDL1 0.1

Tgt Ion:105 Resp: 675

Ion Ratio Lower Upper

105 100

134 0.0 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.636 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.013 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

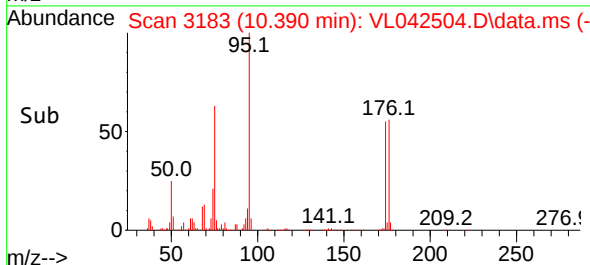
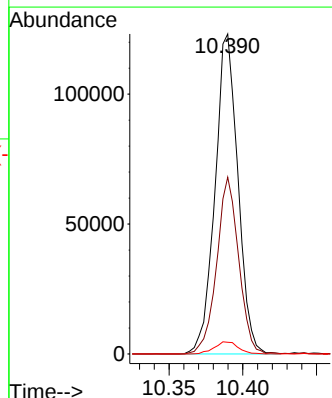
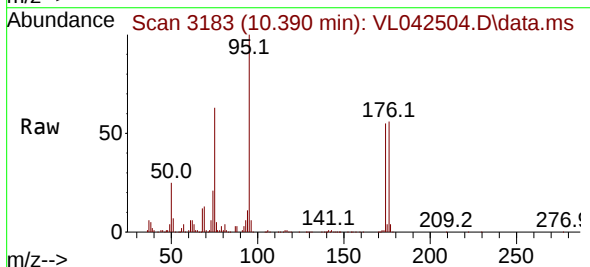
Tgt Ion: 95 Resp: 132955

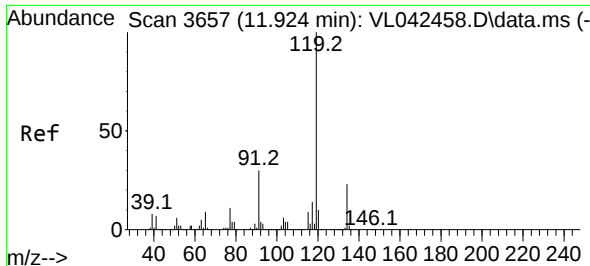
Ion Ratio Lower Upper

95 100

174 53.3 42.7 64.1

175 4.1 3.6 5.4

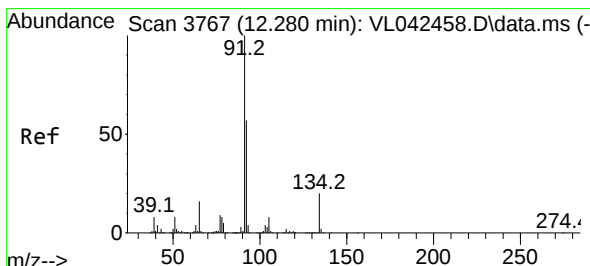
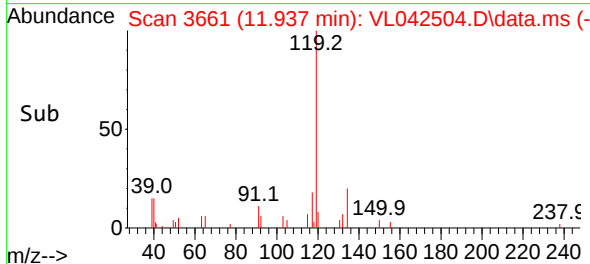
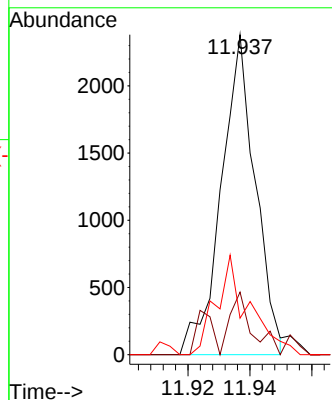
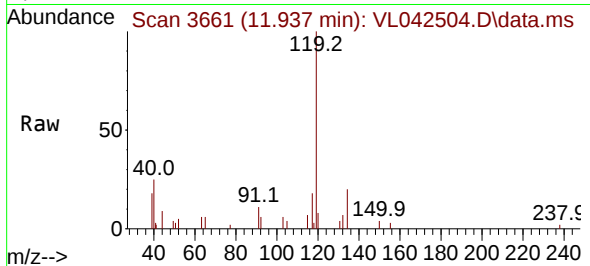




#69
 p-Isopropyltoluene
 Concen: 0.057 ppbv
 RT: 11.937 min Scan# 3661
 Delta R.T. 0.013 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

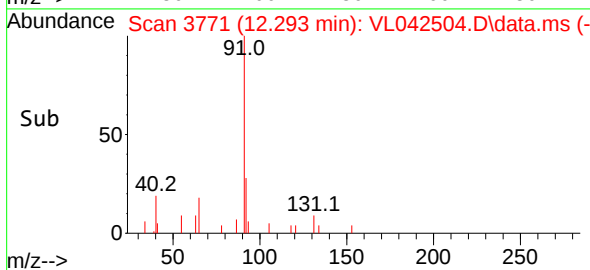
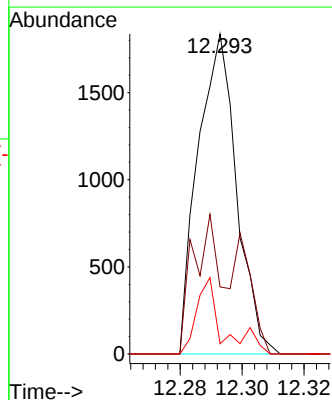
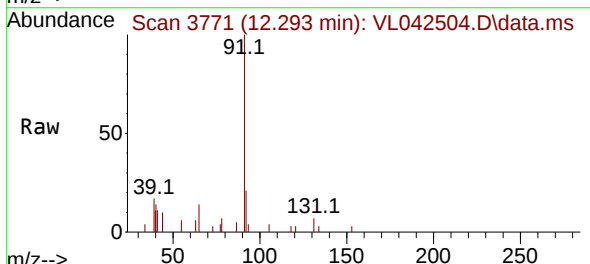
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.1

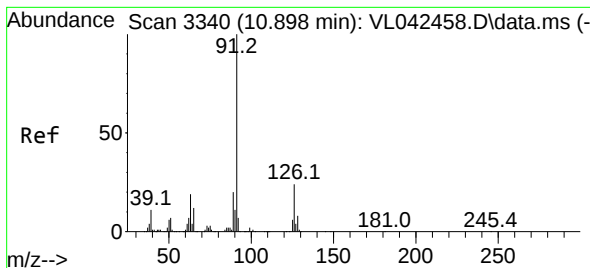
Tgt Ion:	119	Resp:	1822
Ion	Ratio	Lower	Upper
119	100		
134	21.5	19.0	28.4
91	31.6	25.5	38.3



#70
 n-Butylbenzene
 Concen: 0.048 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. 0.013 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion:	91	Resp:	1585
Ion	Ratio	Lower	Upper
91	100		
92	48.6	44.0	66.0
134	15.9	16.8	25.2

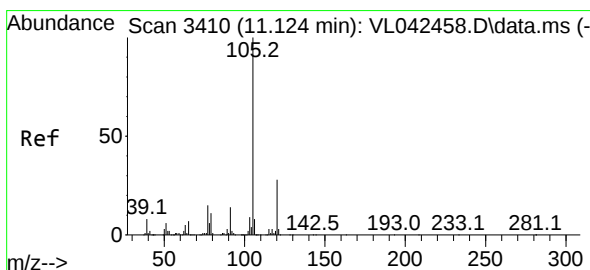
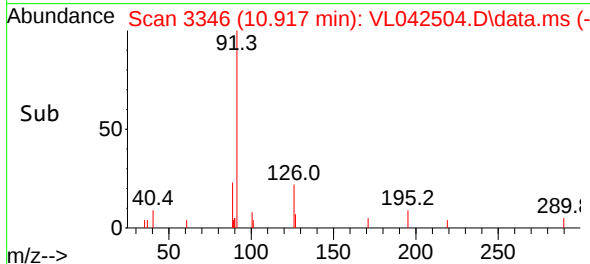
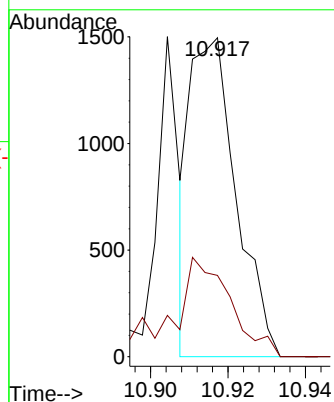
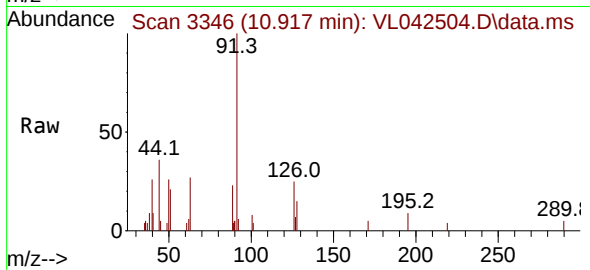




#71
2-Chlorotoluene
Concen: 0.052 ppbv
RT: 10.917 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

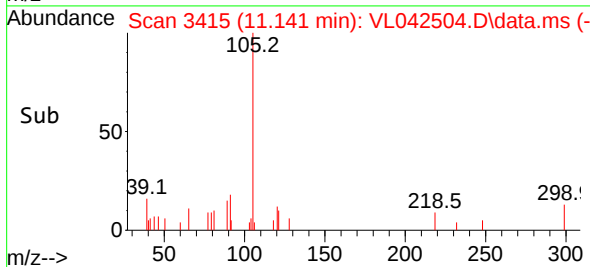
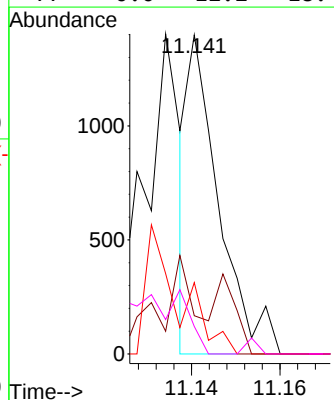
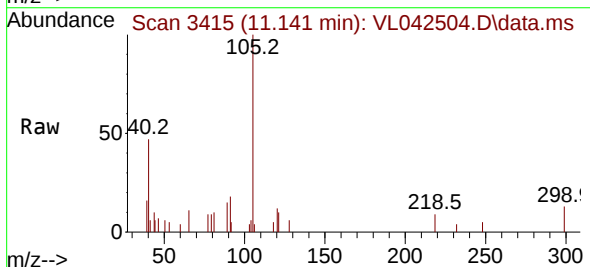
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

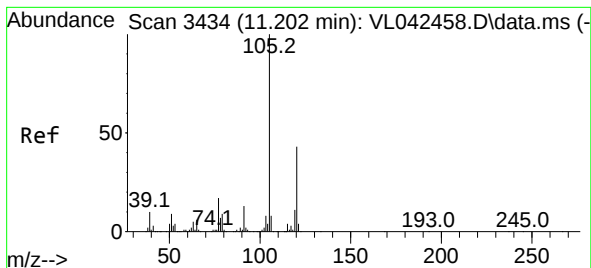
Tgt Ion: 91 Resp: 1238
Ion Ratio Lower Upper
91 100
126 39.0 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.028 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion: 105 Resp: 679
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.043 ppbv

RT: 11.218 min Scan# 34

Delta R.T. 0.016 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Instrument :

MSVOA_1

ClientSampleId :

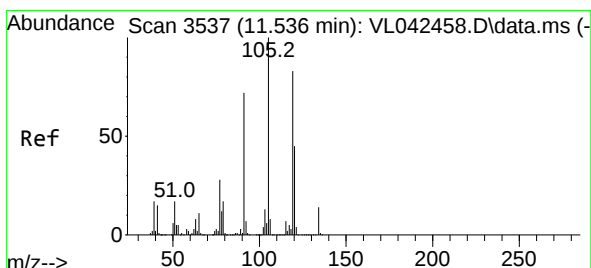
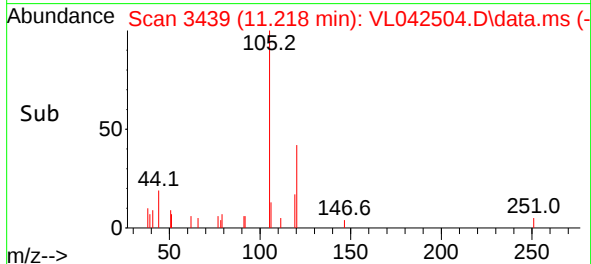
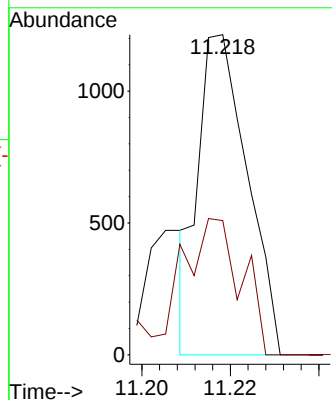
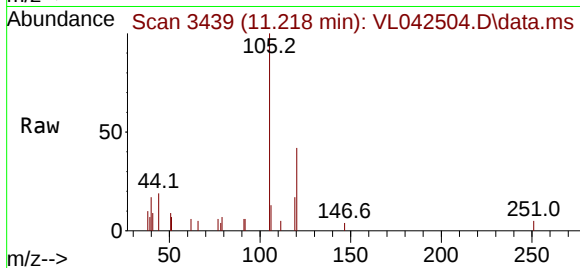
MDL1 0.1

Tgt Ion:105 Resp: 929

Ion Ratio Lower Upper

105 100

120 41.9 34.4 51.6



#74

1,2,4-Trimethylbenzene

Concen: 0.058 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL042504.D

Acq: 06 May 2025 19:10

Tgt Ion:105 Resp: 1507

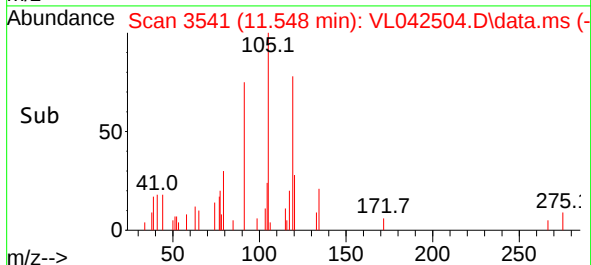
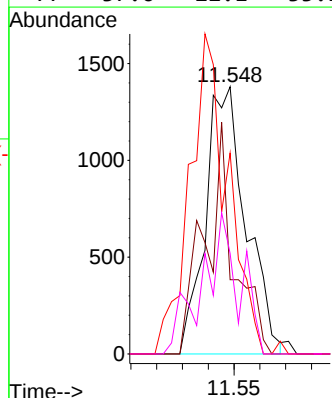
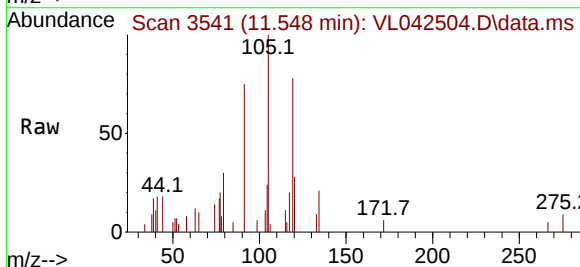
Ion Ratio Lower Upper

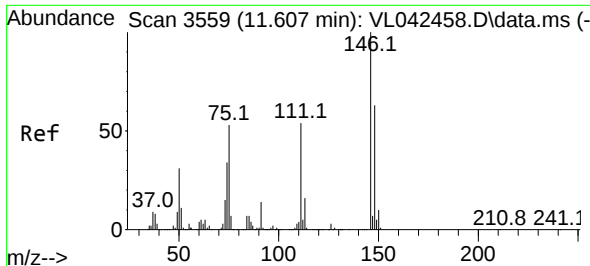
105 100

120 27.8 36.1 54.1#

91 70.4 57.6 86.4

77 37.6 22.1 33.1#

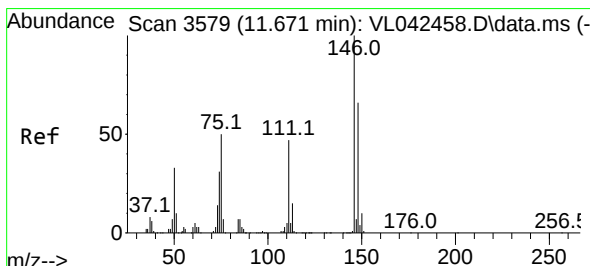
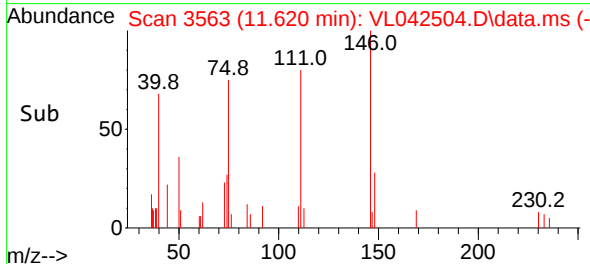
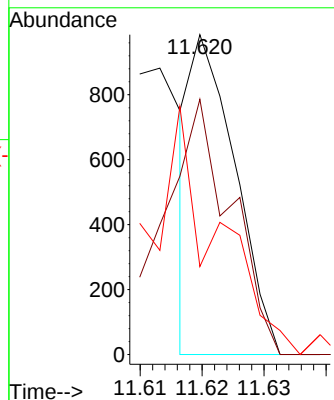
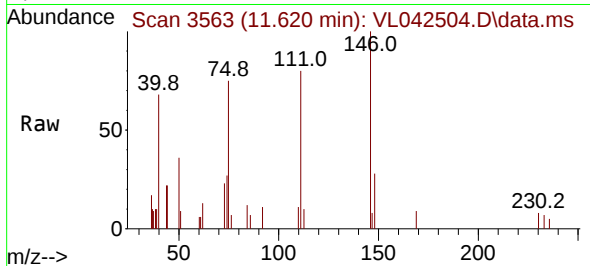




#75
1,3-Dichlorobenzene
Concen: 0.033 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.013 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

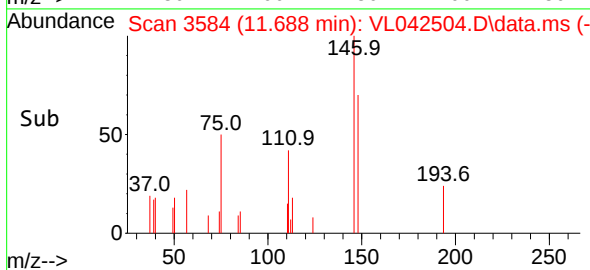
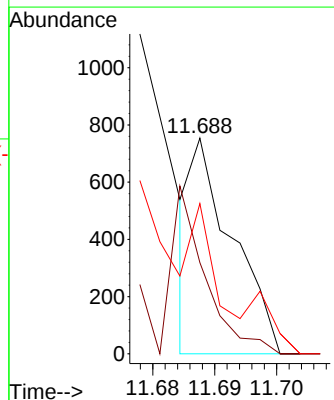
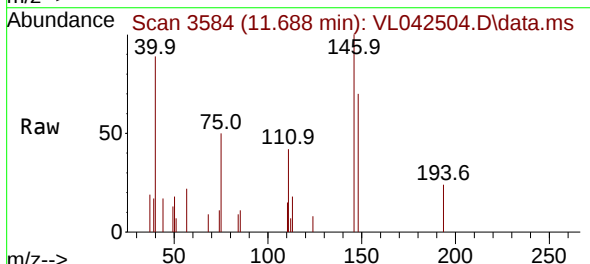
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.1

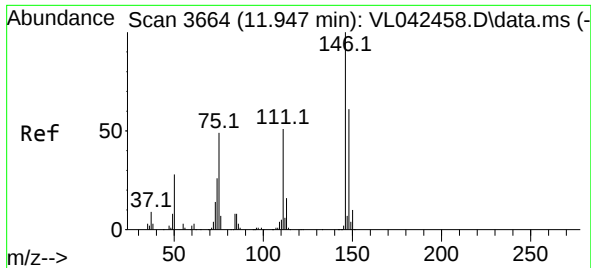
Tgt Ion:146 Resp: 484
Ion Ratio Lower Upper
146 100
111 128.3 26.1 78.3#
148 129.1 32.0 96.0#



#76
1,4-Dichlorobenzene
Concen: 0.025 ppbv
RT: 11.688 min Scan# 3584
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion:146 Resp: 350
Ion Ratio Lower Upper
146 100
111 112.3 24.4 73.2#
148 0.0 32.0 96.2#

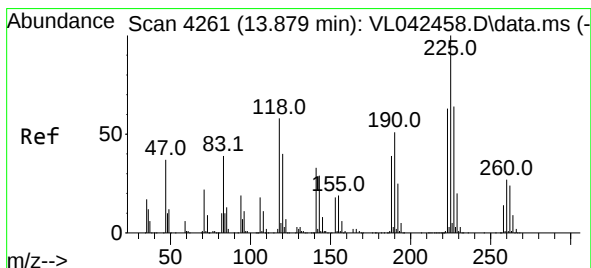
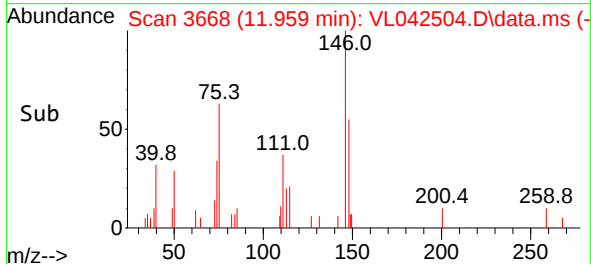
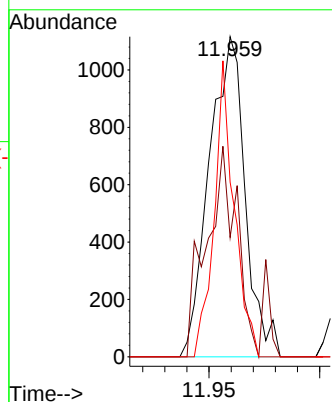
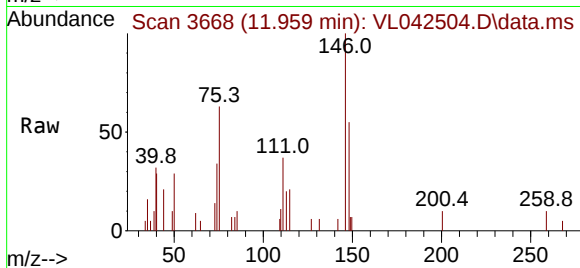




#77
 1,2-Dichlorobenzene
 Concen: 0.088 ppbv
 RT: 11.959 min Scan# 3668
 Delta R.T. 0.013 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

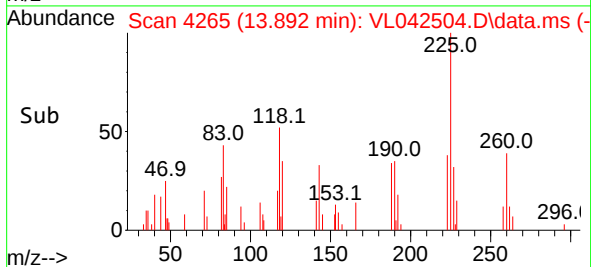
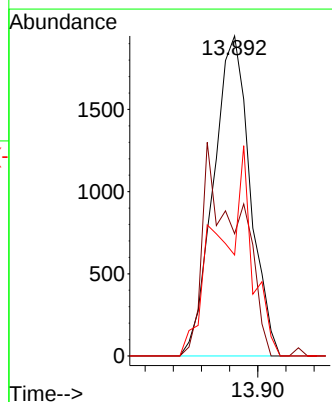
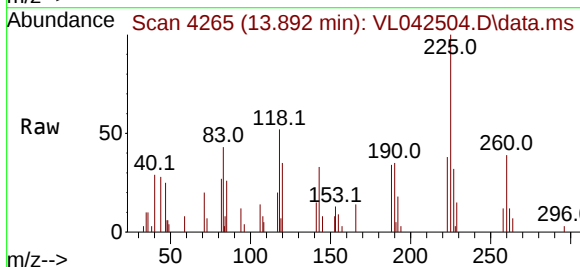
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.1

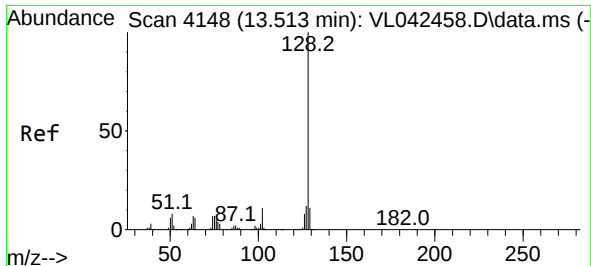
Tgt Ion:	146	Resp:	1259
Ion	Ratio	Lower	Upper
146	100		
111	62.1	26.5	79.5
148	51.2	31.5	94.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.123 ppbv
 RT: 13.892 min Scan# 4265
 Delta R.T. 0.013 min
 Lab File: VL042504.D
 Acq: 06 May 2025 19:10

Tgt Ion:	225	Resp:	1758
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	59.7	51.2	76.8

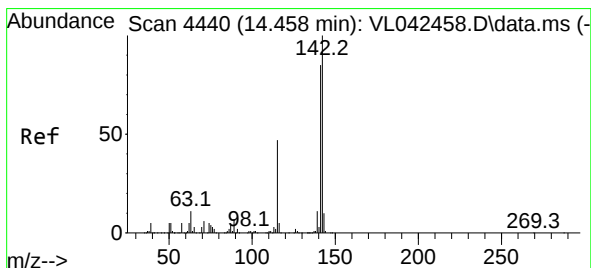
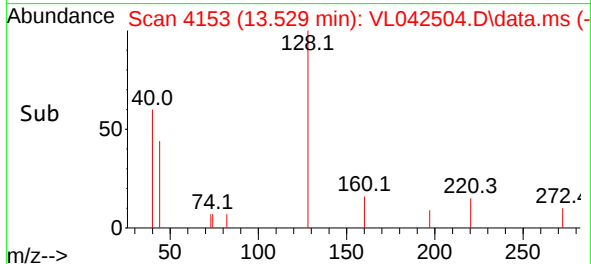
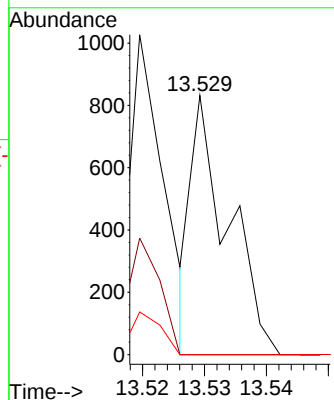
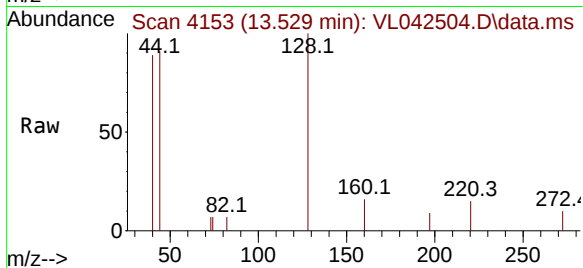




#79
Naphthalene
Concen: 0.016 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

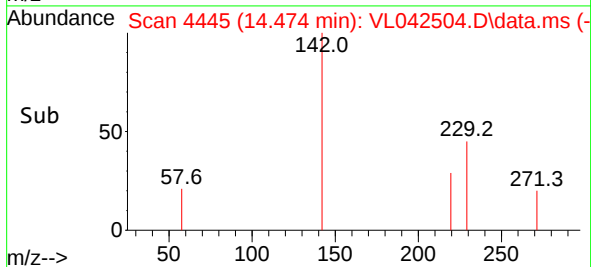
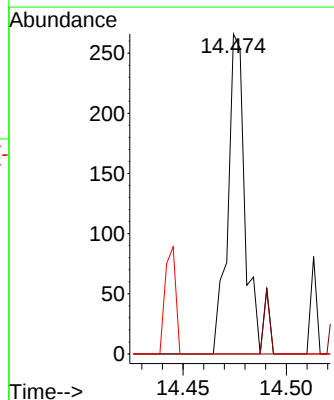
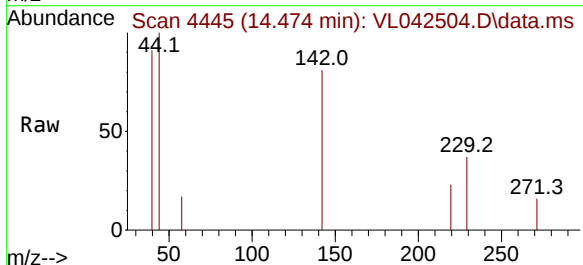
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.1

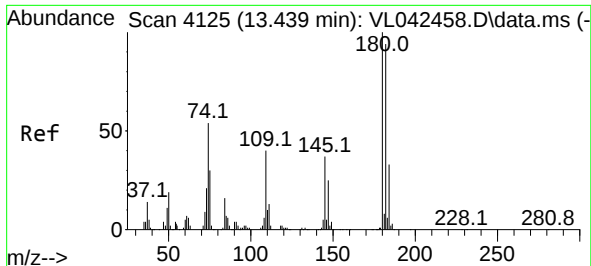
Tgt Ion:128 Resp: 342
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.010 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.016 min
Lab File: VL042504.D
Acq: 06 May 2025 19:10

Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
141 0.0 67.4 101.0#
115 32.1 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.011 ppbv

RT: 13.458 min Scan# 41

Delta R.T. 0.019 min

Lab File: VL042504.D

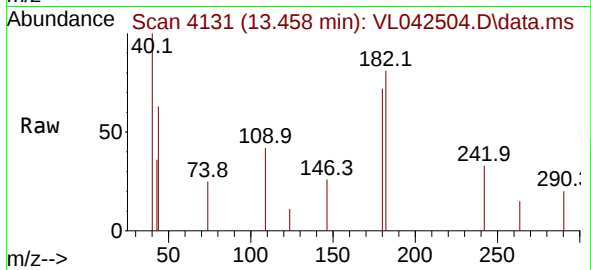
Acq: 06 May 2025 19:10

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.1



Tgt Ion:	180	Resp:	130
Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.6	111.8#
184	0.0	24.9	37.3#

