

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042567.D
 Acq On : 21 May 2025 15:49
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Quant Time: May 21 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	104114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	313827	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	265469	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	215219	10.130	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	2591	0.133	ppbv	94
3) Chlorodifluoromethane	1.476	51	1812	0.113	ppbv	93
4) Chloromethane	1.535	50	856	0.136	ppbv	99
5) Vinyl Chloride	1.580	62	837	0.121	ppbv	98
6) Bromomethane	1.667	94	521	0.131	ppbv #	52
7) Chloroethane	1.706	64	351	0.126	ppbv #	76
8) Dichlorotetrafluoroethane	1.554	85	1995	0.121	ppbv	90
9) Propene	1.486	41	541	0.097	ppbv	97
10) Heptane	4.995	43	110	0.007	ppbv #	24
11) Trichlorofluoromethane	1.878	101	2413	0.119	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	1857	0.113	ppbv	91
13) Ethanol	1.726	45	281	0.348	ppbv #	37
14) Bromoethene	1.784	108	728	0.118	ppbv #	81
15) Acetone	1.839	43	2983	0.206	ppbv	97
16) 1,3-Butadiene	1.609	39	890	0.151	ppbv #	80
17) tert-Butyl alcohol	2.049	59	1813	0.108	ppbv #	93
18) 1,1-Dichloroethene	2.036	96	930	0.126	ppbv	98
19) Isopropyl Alcohol	1.891	45	1019	0.124	ppbv #	38
20) Methylene Chloride	2.062	84	2128	0.303	ppbv	93
21) Allyl Chloride	2.101	41	1315	0.141	ppbv #	87
22) trans-1,2-Dichloroethene	2.341	96	1036	0.126	ppbv #	69
23) Vinyl Acetate	2.470	43	1674	0.101	ppbv #	79
24) 1,1-Dichloroethane	2.415	63	1767	0.125	ppbv #	91
25) Ethyl Acetate	2.842	43	673	0.024	ppbv #	74
26) Hexane	2.836	57	778	0.061	ppbv #	60
27) Carbon Disulfide	2.153	76	2306	0.126	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	890	0.104	ppbv #	81
29) Chloroform	2.852	83	2800	0.117	ppbv	91
30) Cyclohexane	3.858	84	337	0.031	ppbv #	3
31) cis-1,2-Dichloroethene	2.722	61	1140	0.082	ppbv #	88
32) 1,1,1-Trichloroethane	3.376	97	2577	0.105	ppbv	95
34) 2-Butanone	2.567	43	1806	0.108	ppbv #	81
35) Carbon Tetrachloride	3.771	117	2828	0.118	ppbv #	90
36) Benzene	3.661	78	2208	0.087	ppbv #	71
37) 1,2-Dichloroethane	3.221	62	1749	0.113	ppbv #	92
38) Trichloroethene	4.561	130	820	0.071	ppbv #	78
39) 1,2-Dichloropropane	3.962	63	74586	8.367	ppbv #	24
40) 1,4-Dioxane	4.622	88	31	0.008	ppbv #	1
41) Tetrahydrofuran	3.072	42	280	0.034	ppbv #	62
42) Bromodichloromethane	4.496	83	1437	0.066	ppbv #	94
43) Methyl Methacrylate	4.888	69	324	0.038	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	1133	0.029	ppbv #	1
45) t-1,3-Dichloropropene	6.428	75	463	0.042	ppbv #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042567.D
 Acq On : 21 May 2025 15:49
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

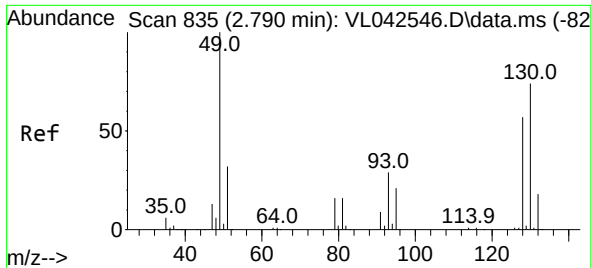
Quant Time: May 21 23:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	400	0.030	ppbv #	37
47) 1,1,2-Trichloroethane	6.593	97	510	0.048	ppbv #	52
48) Dibromochloromethane	7.396	129	1279	0.069	ppbv #	10
49) Bromoform	9.490	173	1499	0.095	ppbv	93
50) 4-Methyl-2-Pentanone	5.778	43	401	0.020	ppbv #	1
51) 2-Hexanone	7.438	43	20	0.001	ppbv #	27
52) Tetrachloroethene	8.228	164	338	0.034	ppbv #	33
53) Toluene	6.946	91	875	0.032	ppbv #	34
54) 1,2-Dibromoethane	7.665	107	1159	0.074	ppbv #	61
56) 1,1,1,2-Tetrachloroethane	8.934	131	2015	0.142	ppbv #	1
57) Chlorobenzene	8.927	112	1625	0.069	ppbv #	61
58) Ethyl Benzene	9.361	91	2218	0.064	ppbv	94
59) m/p-Xylene	9.561	91	724	0.024	ppbv #	1
60) o-Xylene	9.976	91	355	0.012	ppbv #	1
61) Styrene	9.875	104	564	0.050	ppbv	88
62) Isopropylbenzene	10.549	105	3151	0.070	ppbv	93
63) 1,1,2,2-Tetrachloroethane	9.969	83	2127	0.108	ppbv	87
64) n-propylbenzene	10.999	120	517	0.046	ppbv	87
65) tert-Butylbenzene	11.533	119	1001	0.025	ppbv #	18
66) Benzyl Chloride	11.623	91	196	0.039	ppbv #	65
67) sec-Butylbenzene	11.769	105	2517	0.044	ppbv	94
69) p-Isopropyltoluene	11.931	119	1940	0.041	ppbv	96
70) n-Butylbenzene	12.290	91	1713	0.038	ppbv	92
71) 2-Chlorotoluene	10.908	91	1731	0.053	ppbv	95
72) 4-Ethyltoluene	11.134	105	1738	0.048	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	1346	0.043	ppbv #	80
74) 1,2,4-Trimethylbenzene	11.542	105	1814	0.048	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	1485	0.064	ppbv	95
76) 1,4-Dichlorobenzene	11.678	146	1304	0.057	ppbv	95
77) 1,2-Dichlorobenzene	11.957	146	1432	0.062	ppbv	89
78) Hexachloro-1,3-Butadiene	13.886	225	1948	0.102	ppbv	98
79) Naphthalene	13.520	128	835	0.029	ppbv	97
80) Naphthalene,2-methyl-	14.497	142	27	0.002	ppbv #	34
81) 1,2,4-Trichlorobenzene	13.445	180	441	0.026	ppbv #	84

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

Quant Time: May 21 23:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 835

Delta R.T. 0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

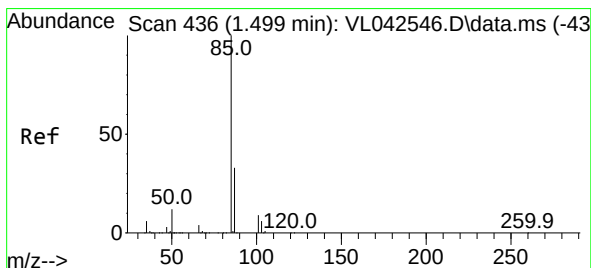
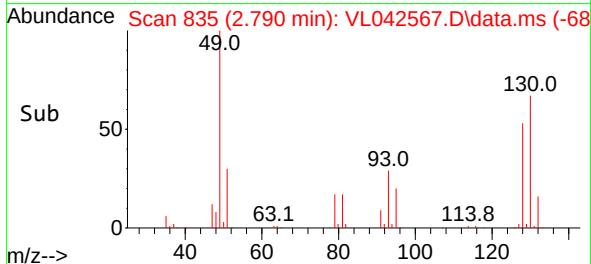
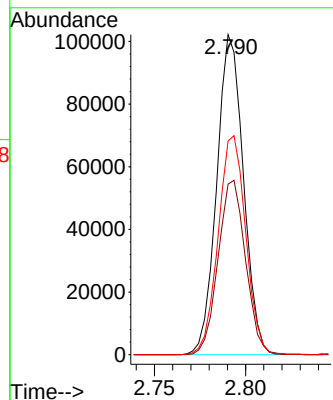
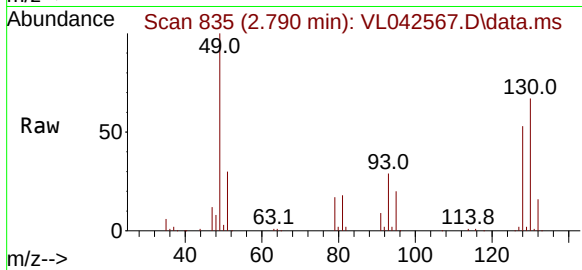
Tgt Ion: 49 Resp: 104114

Ion Ratio Lower Upper

49 100

128 55.9 28.6 85.8

130 70.7 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 0.133 ppbv

RT: 1.499 min Scan# 436

Delta R.T. -0.000 min

Lab File: VL042567.D

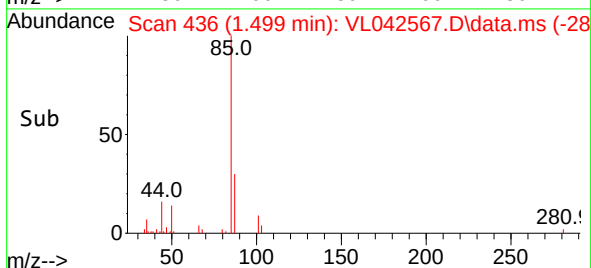
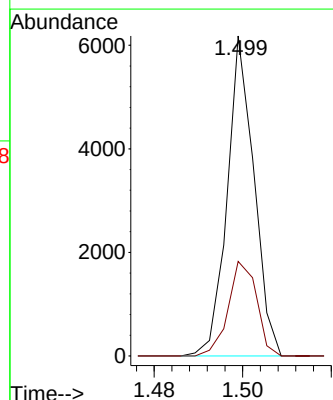
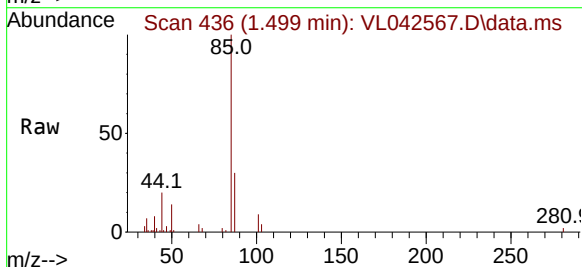
Acq: 21 May 2025 15:49

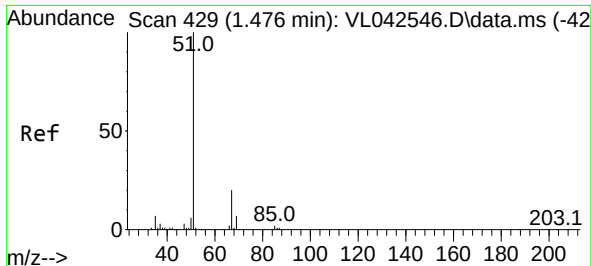
Tgt Ion: 85 Resp: 2591

Ion Ratio Lower Upper

85 100

87 29.5 26.2 39.4

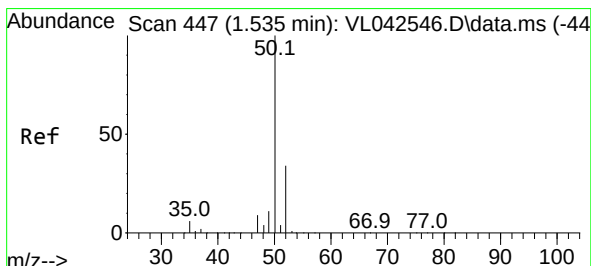
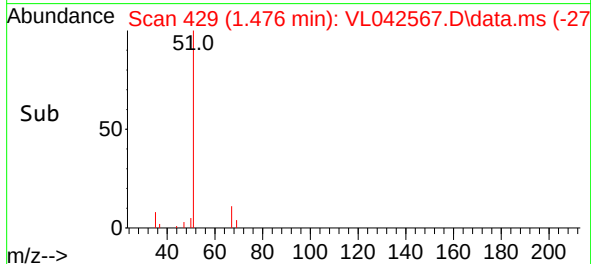
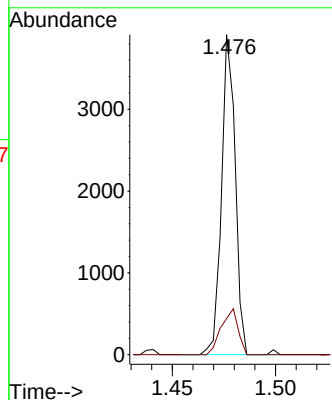
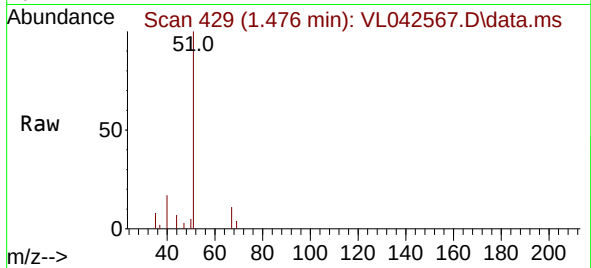




#3
Chlorodifluoromethane
Concen: 0.113 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

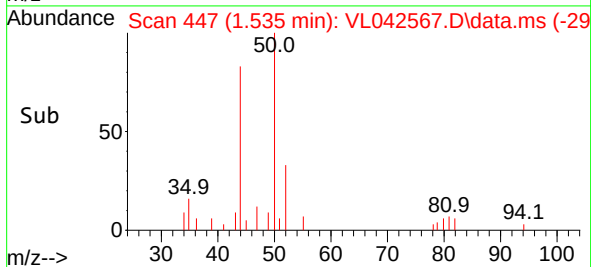
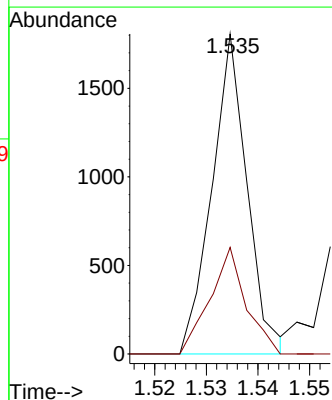
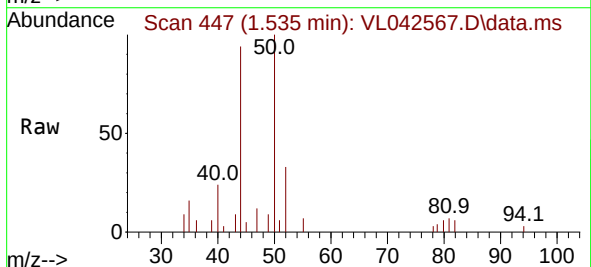
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

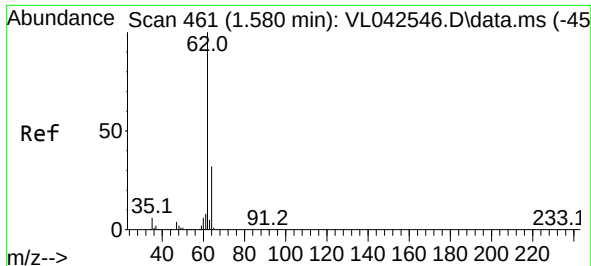
Tgt Ion: 51 Resp: 1812
Ion Ratio Lower Upper
51 100
67 17.5 16.6 25.0



#4
Chloromethane
Concen: 0.136 ppbv
RT: 1.535 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3

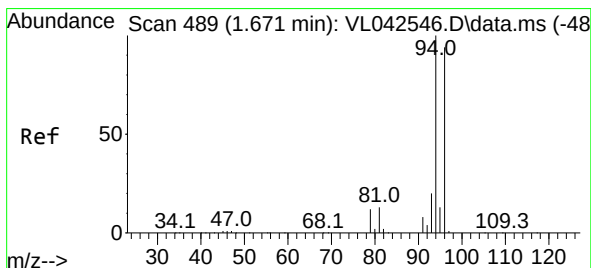
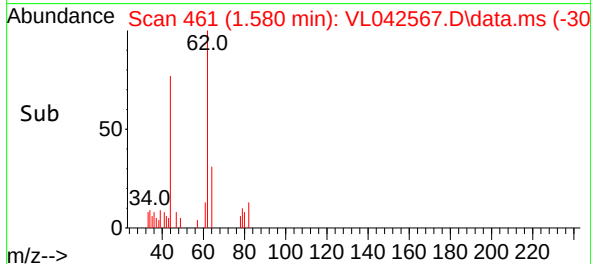
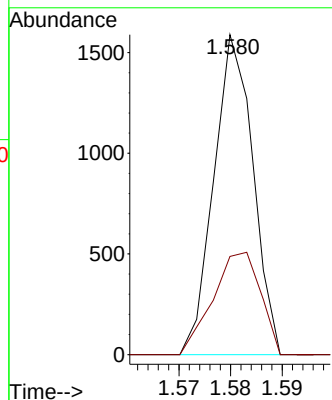
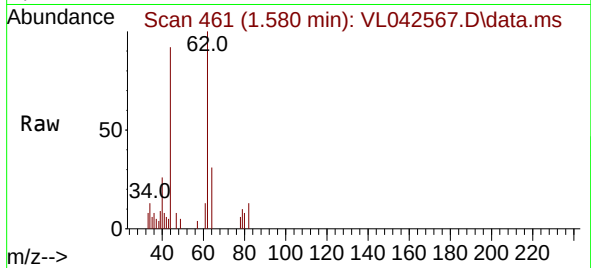




#5
 Vinyl Chloride
 Concen: 0.121 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

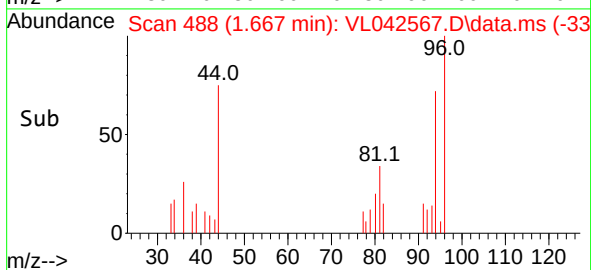
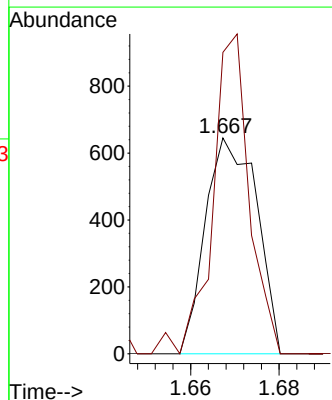
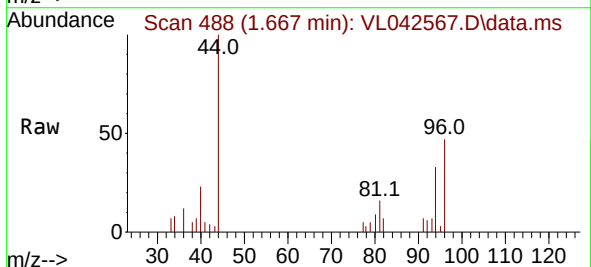
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.1

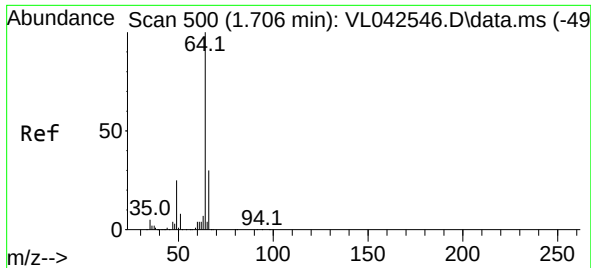
Tgt Ion: 62 Resp: 837
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.7 38.5



#6
 Bromomethane
 Concen: 0.131 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion: 94 Resp: 521
 Ion Ratio Lower Upper
 94 100
 96 139.7 74.9 112.3#

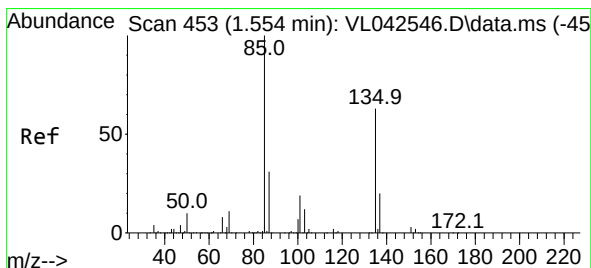
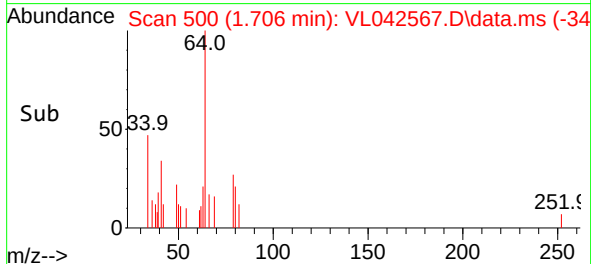
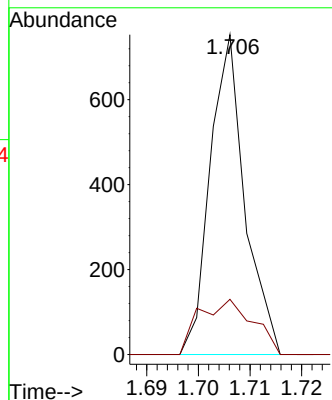
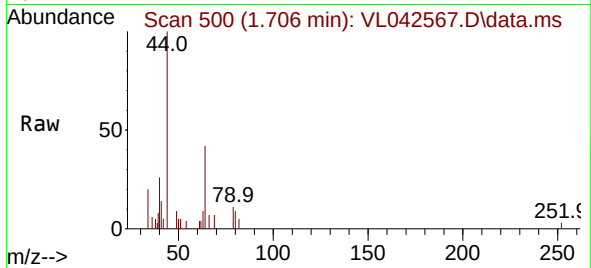




#7
Chloroethane
Concen: 0.126 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

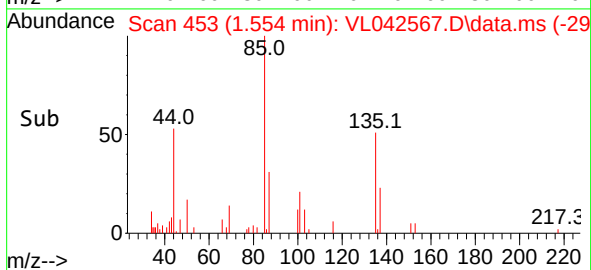
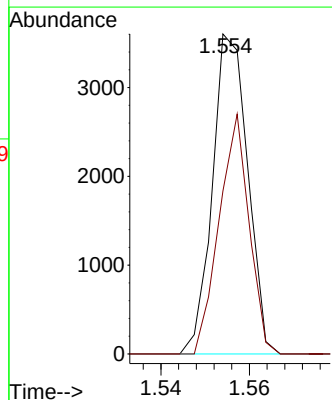
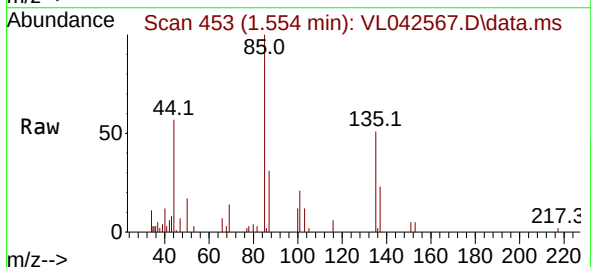
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

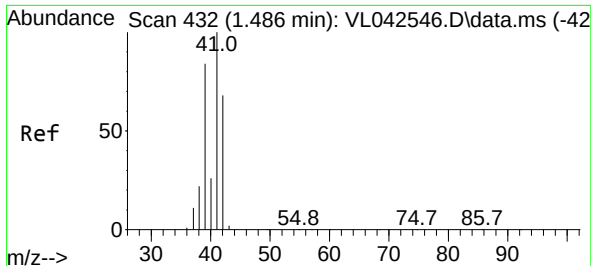
Tgt Ion: 64 Resp: 351
Ion Ratio Lower Upper
64 100
66 17.3 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.121 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 85 Resp: 1995
Ion Ratio Lower Upper
85 100
135 63.6 57.2 85.8





#9

Propene

Concen: 0.097 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

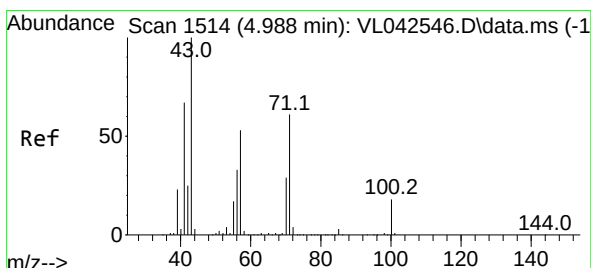
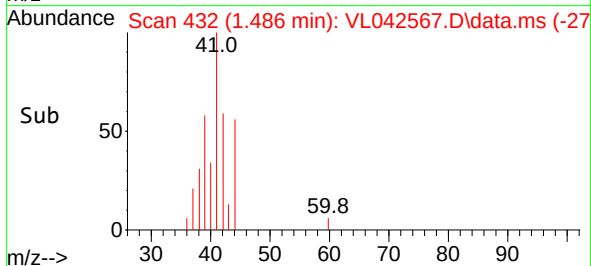
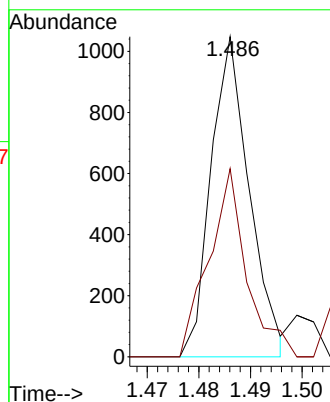
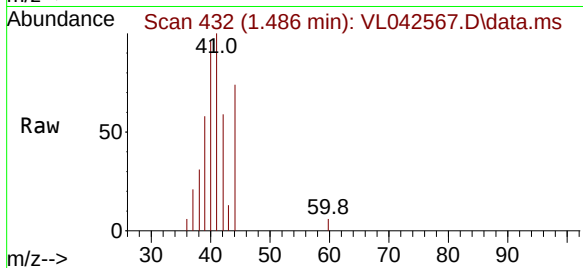
MDL 0.1

Tgt Ion: 41 Resp: 541

Ion Ratio Lower Upper

41 100

42 71.2 55.0 82.4



#10

Heptane

Concen: 0.007 ppbv

RT: 4.995 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VL042567.D

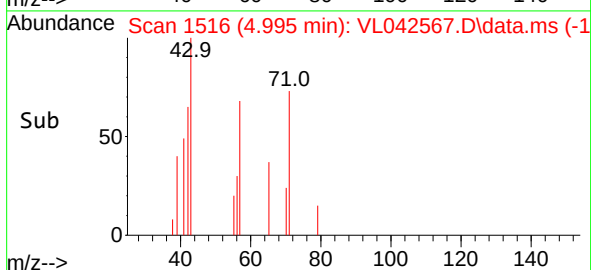
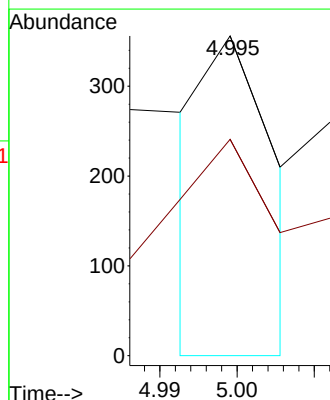
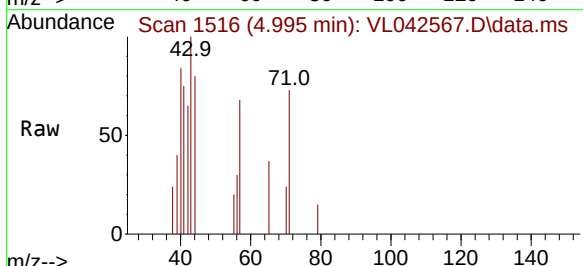
Acq: 21 May 2025 15:49

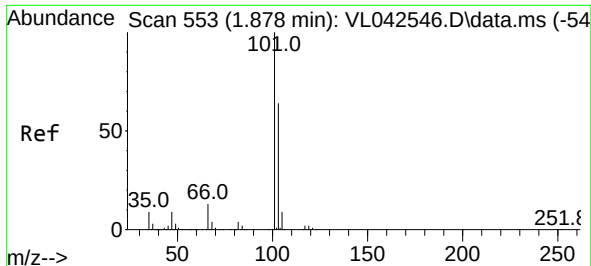
Tgt Ion: 43 Resp: 110

Ion Ratio Lower Upper

43 100

57 0.0 43.4 65.0#

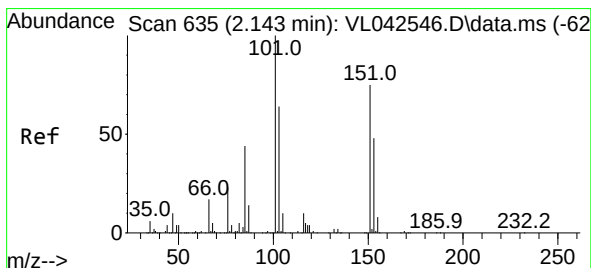
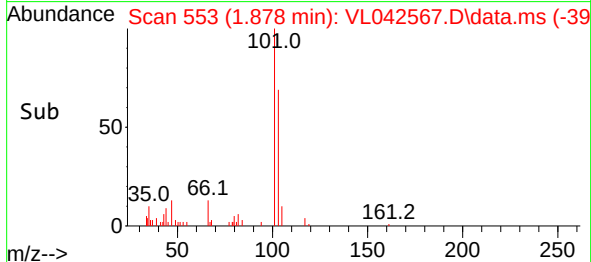
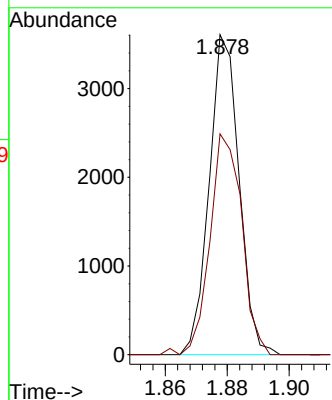
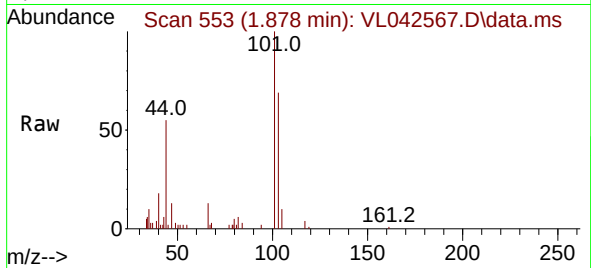




#11
 Trichlorofluoromethane
 Concen: 0.119 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

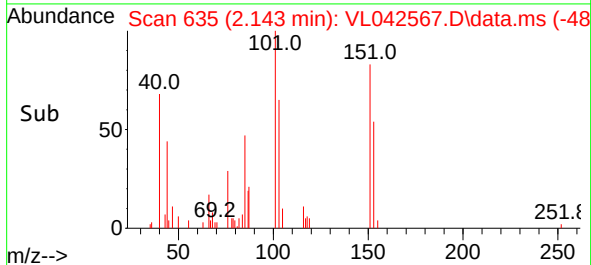
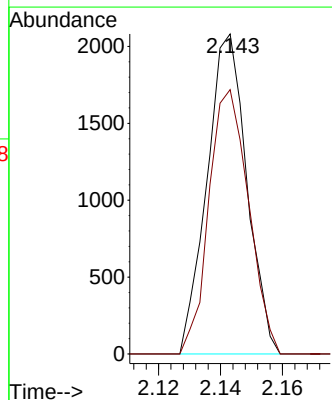
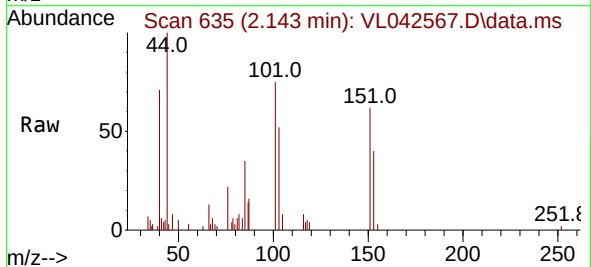
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

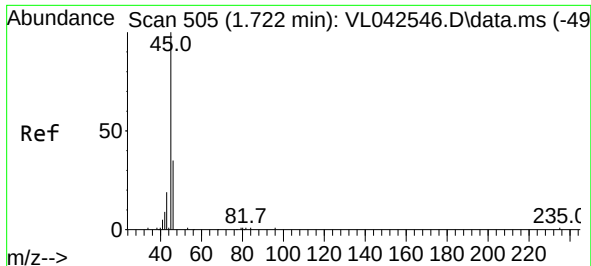
Tgt Ion:101 Resp: 2413
 Ion Ratio Lower Upper
 101 100
 103 69.0 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.113 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion:101 Resp: 1857
 Ion Ratio Lower Upper
 101 100
 151 82.3 59.5 89.3

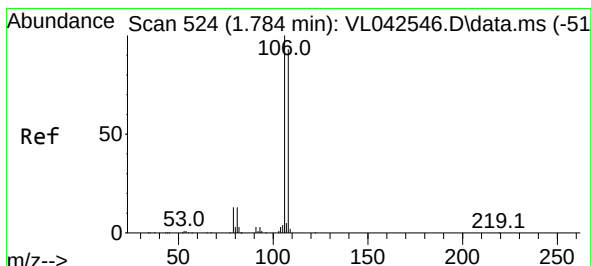
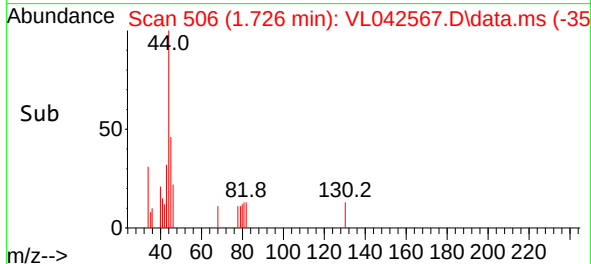
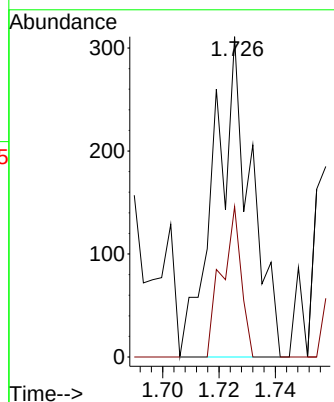
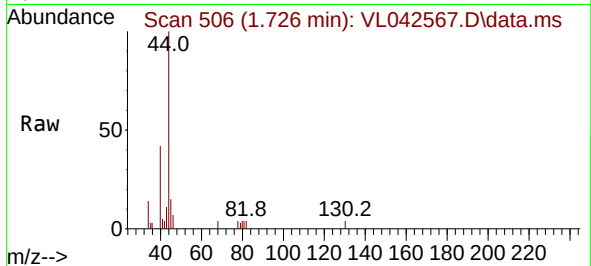




#13
Ethanol
Concen: 0.348 ppbv
RT: 1.726 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

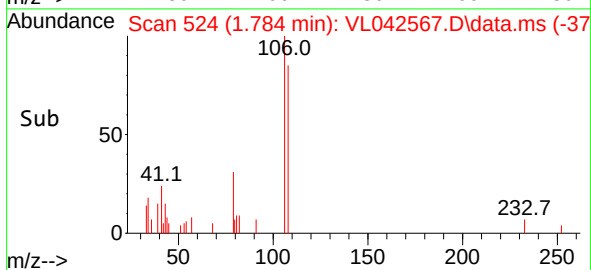
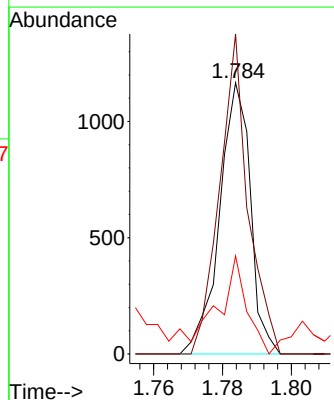
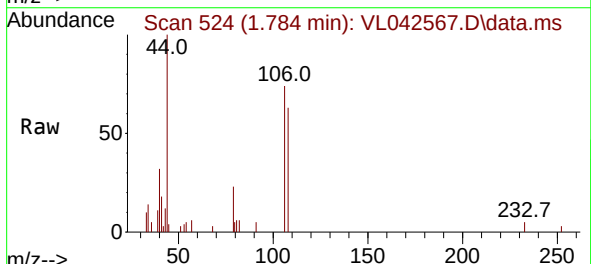
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

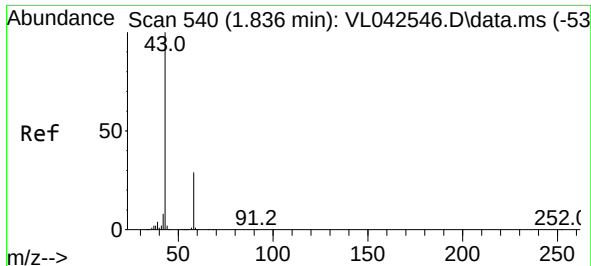
Tgt Ion: 45 Resp: 281
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.118 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 108 Resp: 728
Ion Ratio Lower Upper
108 100
106 108.7 86.4 129.6
79 78.2 11.9 17.9#

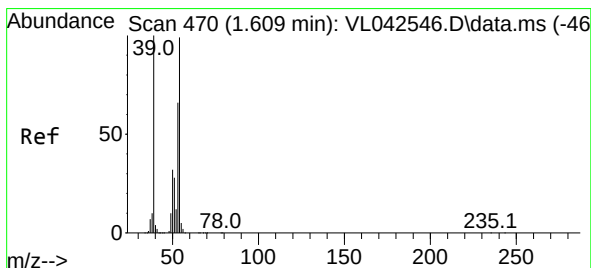
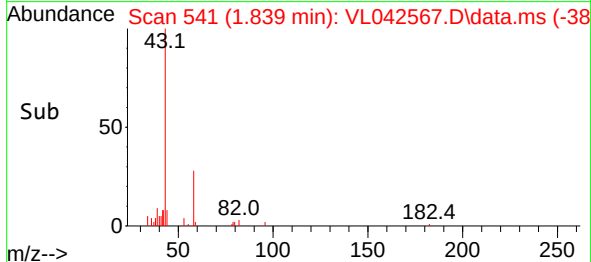
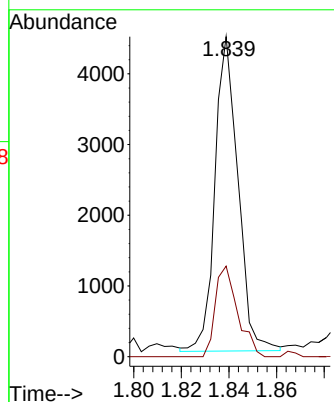
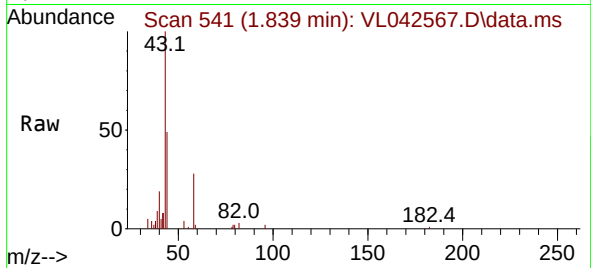




#15
Acetone
Concen: 0.206 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

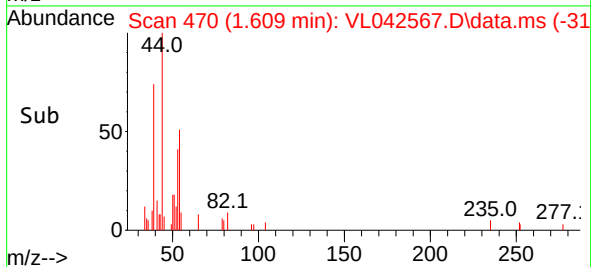
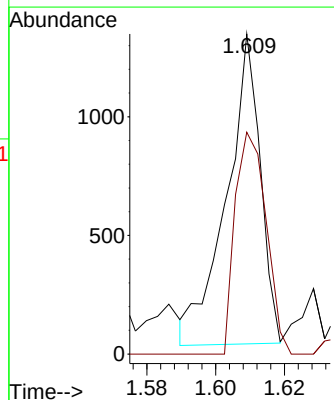
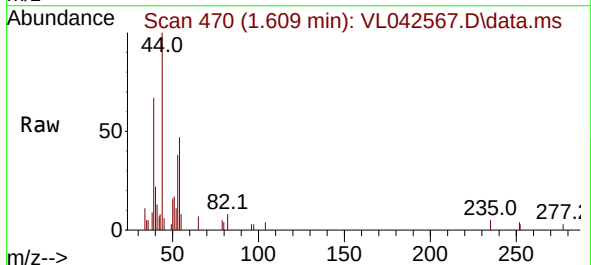
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

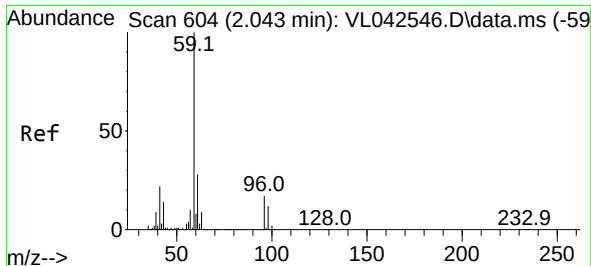
Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.2



#16
1,3-Butadiene
Concen: 0.151 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 39 Resp: 890
Ion Ratio Lower Upper
39 100
54 70.6 71.8 107.8#

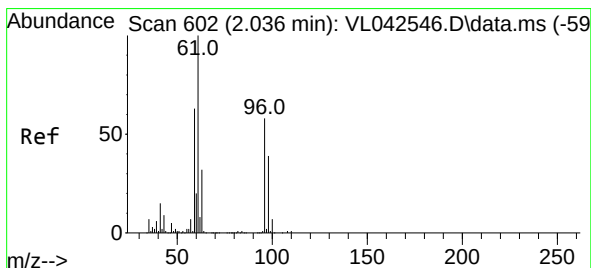
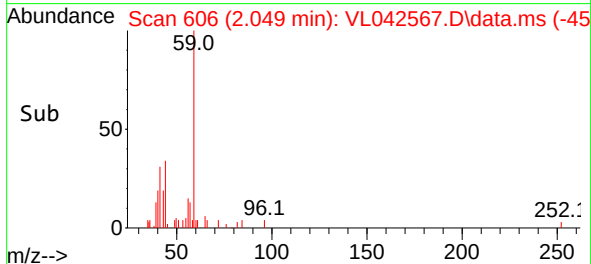
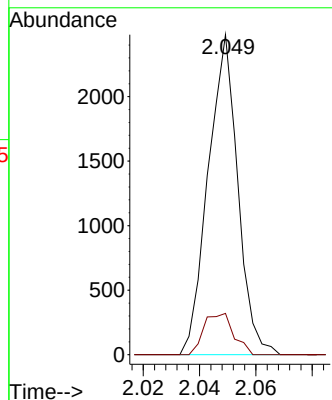
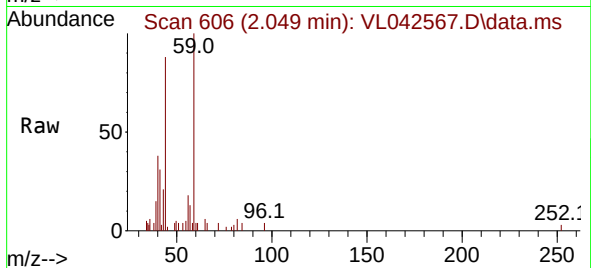




#17
tert-Butyl alcohol
Concen: 0.108 ppbv
RT: 2.049 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

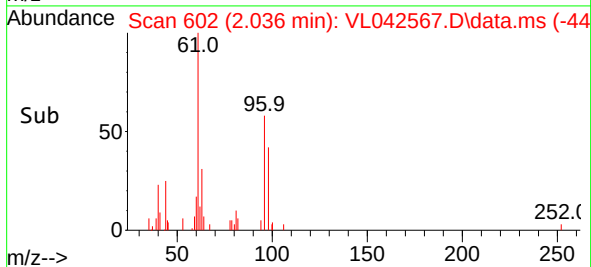
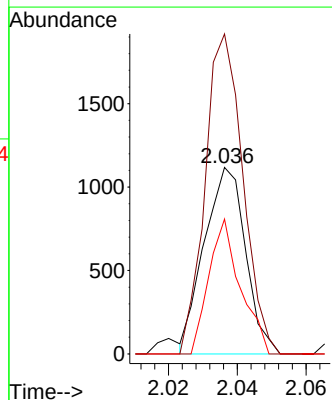
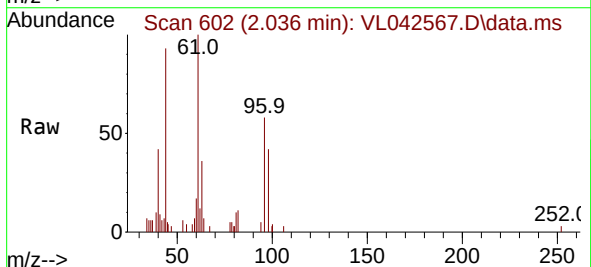
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

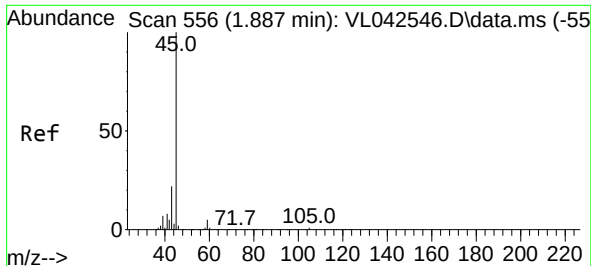
Tgt Ion: 59 Resp: 1813
Ion Ratio Lower Upper
59 100
57 13.0 8.2 12.2#



#18
1,1-Dichloroethene
Concen: 0.126 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 96 Resp: 930
Ion Ratio Lower Upper
96 100
61 171.6 137.5 206.3
98 72.3 53.2 79.8

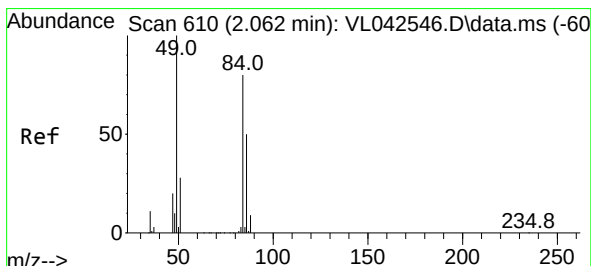
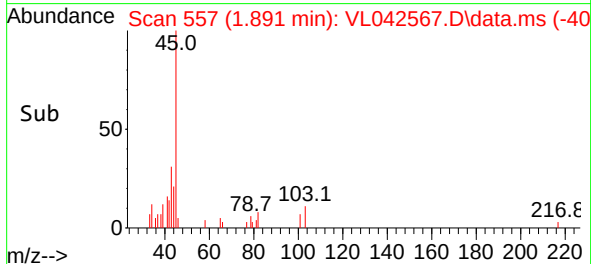
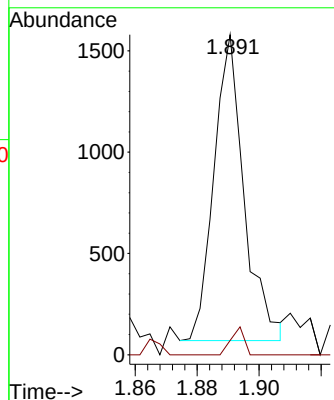
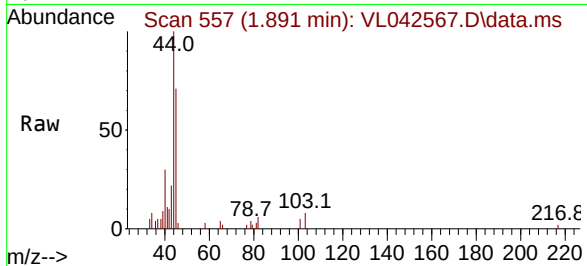




#19
Isopropyl Alcohol
Concen: 0.124 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

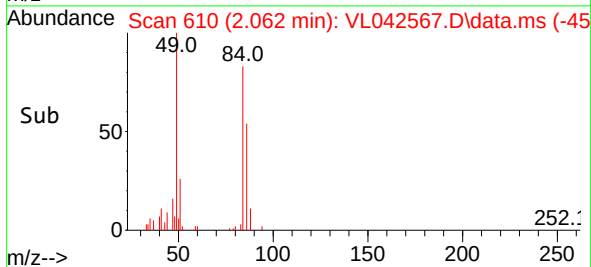
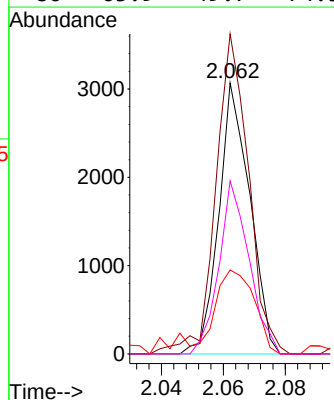
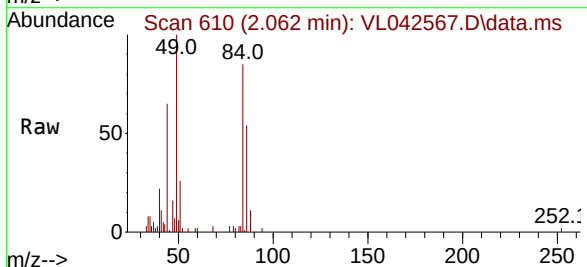
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

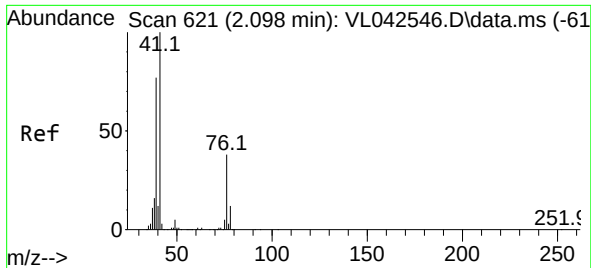
Tgt Ion: 45 Resp: 1019
Ion Ratio Lower Upper
45 100
58 4.0 35.3 52.9#



#20
Methylene Chloride
Concen: 0.303 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 84 Resp: 2128
Ion Ratio Lower Upper
84 100
49 115.4 99.7 149.5
51 31.0 29.7 44.5
86 63.9 49.7 74.5

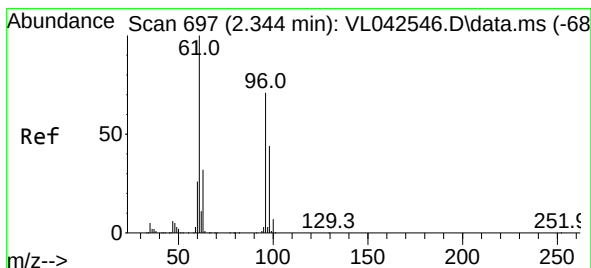
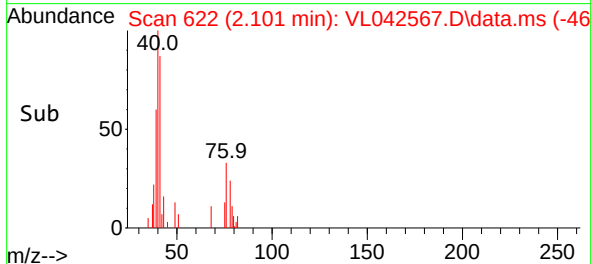
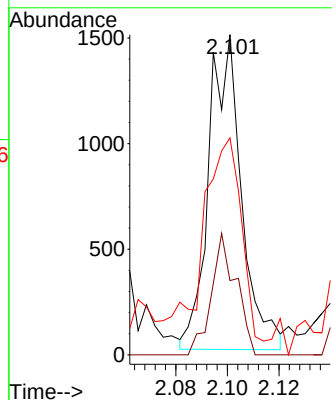
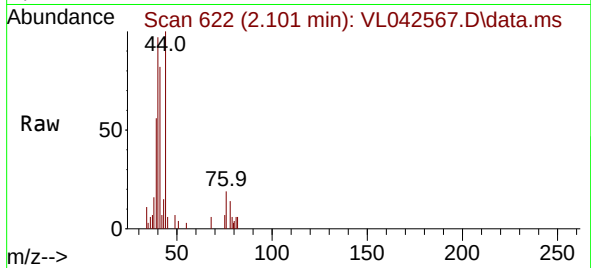




#21
 Allyl Chloride
 Concen: 0.141 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

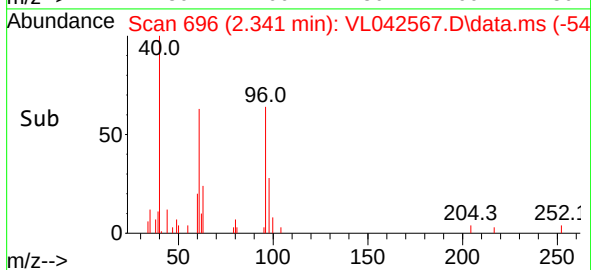
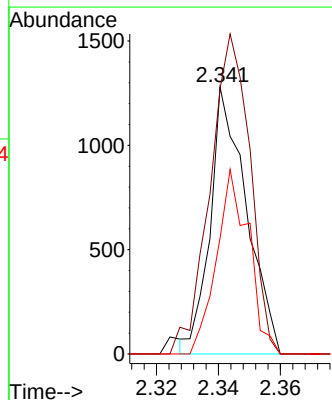
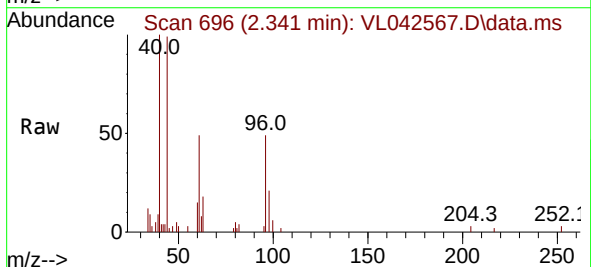
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

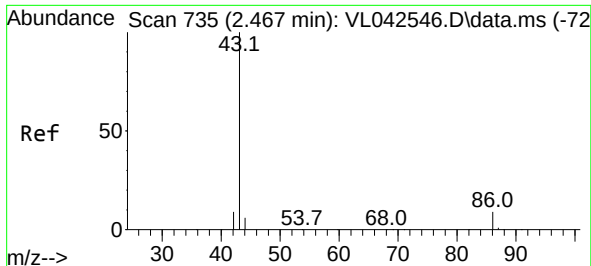
Tgt Ion: 41 Resp: 1315
 Ion Ratio Lower Upper
 41 100
 76 29.0 30.2 45.4#
 39 89.1 62.5 93.7



#22
 trans-1,2-Dichloroethene
 Concen: 0.126 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion: 96 Resp: 1036
 Ion Ratio Lower Upper
 96 100
 61 99.4 112.5 168.7#
 98 43.4 49.0 73.4#

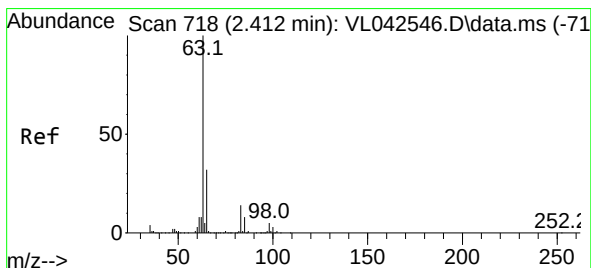
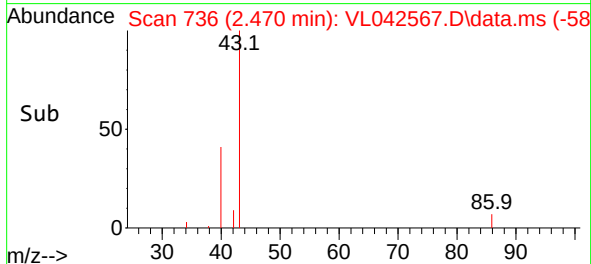
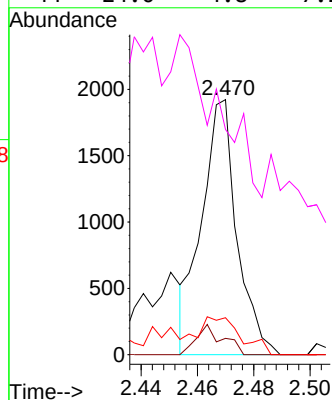
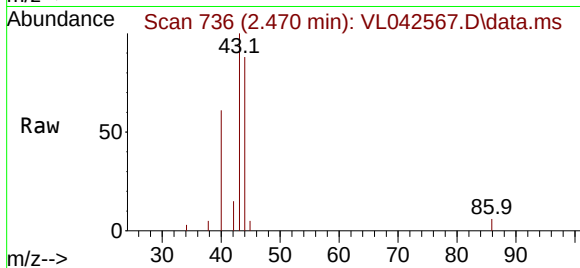




#23
 Vinyl Acetate
 Concen: 0.101 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

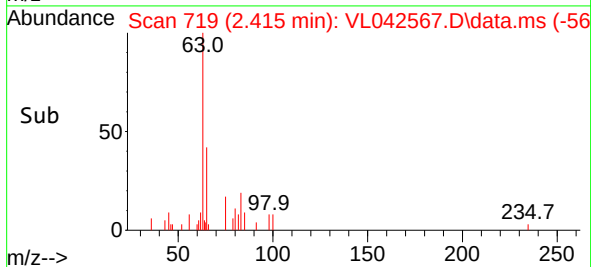
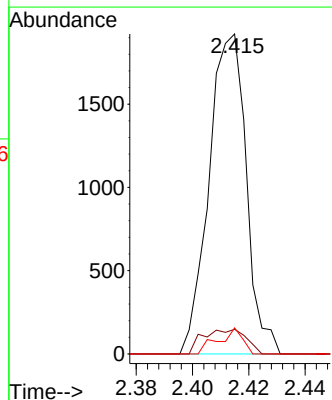
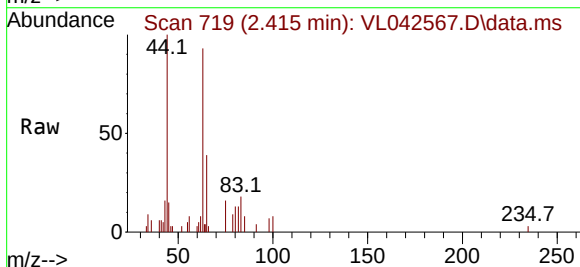
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

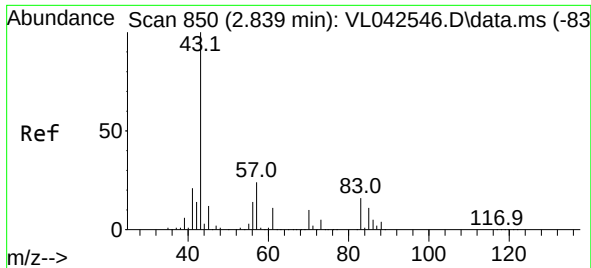
Tgt Ion:	43	Resp:	1674
Ion	Ratio	Lower	Upper
43	100		
86	6.4	7.0	10.6#
42	14.5	7.4	11.2#
44	24.0	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.125 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion:	63	Resp:	1767
Ion	Ratio	Lower	Upper
63	100		
98	7.4	2.6	7.8
100	7.8	1.8	5.3#



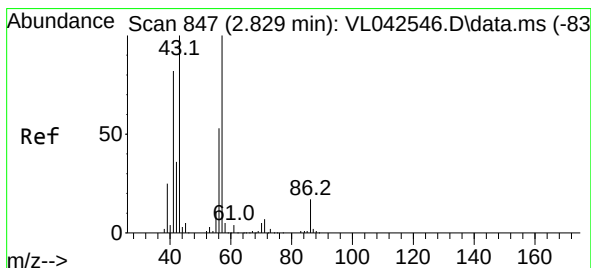
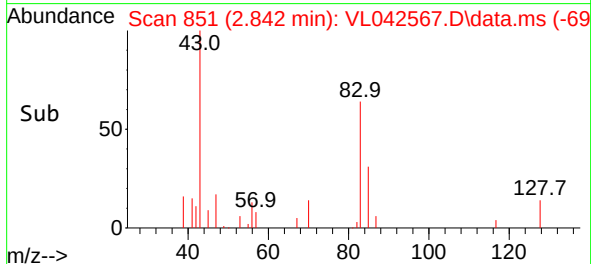
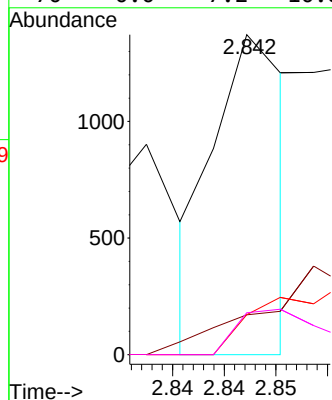
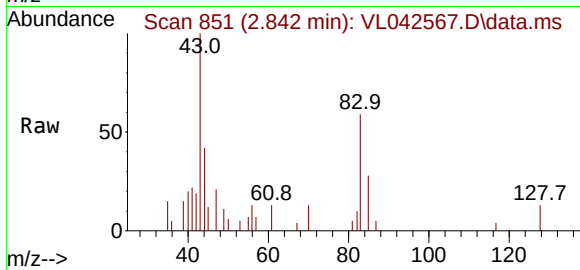


#25
Ethyl Acetate
Concen: 0.024 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

Tgt Ion: 43 Resp: 673

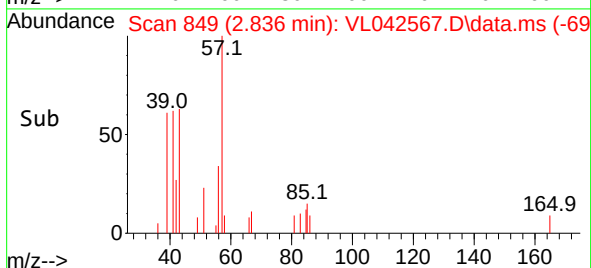
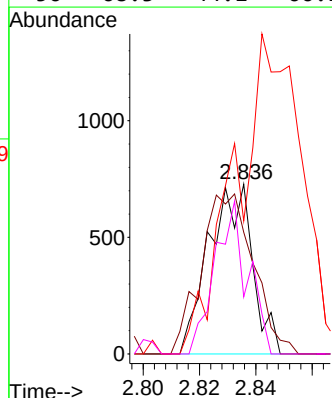
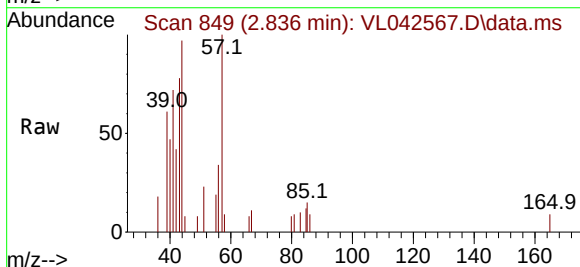
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	7.2	10.8#

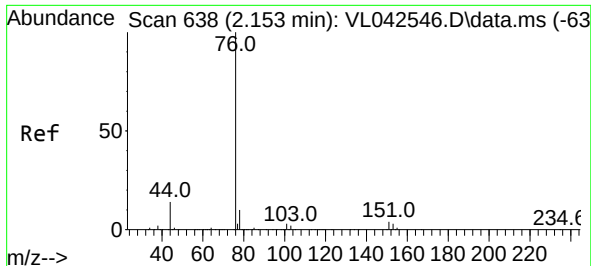


#26
Hexane
Concen: 0.061 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 57 Resp: 778

Ion	Ratio	Lower	Upper
57	100		
41	116.2	69.0	103.4#
43	296.4	174.2	261.2#
56	68.3	44.1	66.1#





#27

Carbon Disulfide

Concen: 0.126 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

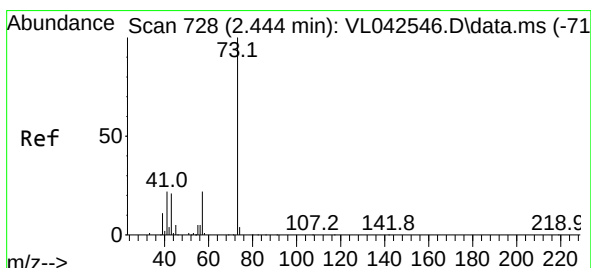
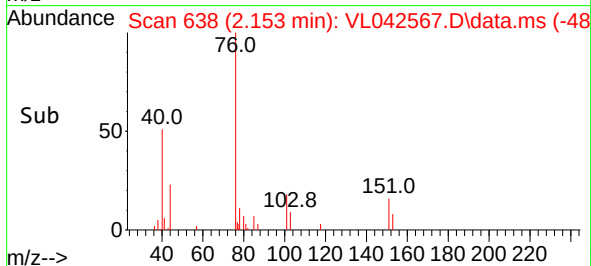
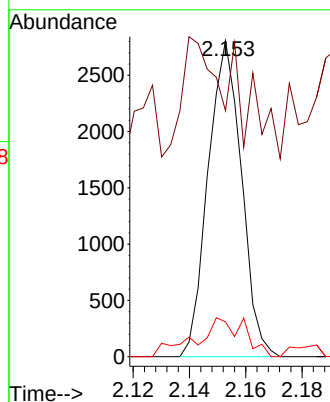
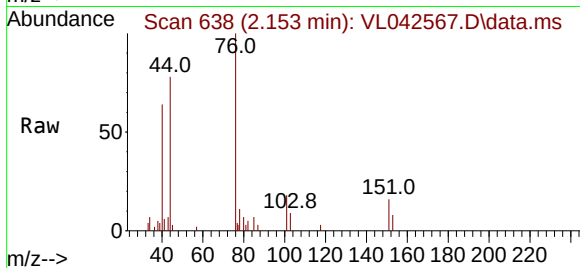
Tgt Ion: 76 Resp: 2306

Ion Ratio Lower Upper

76 100

44 145.5 14.0 21.0#

78 21.0 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.104 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.003 min

Lab File: VL042567.D

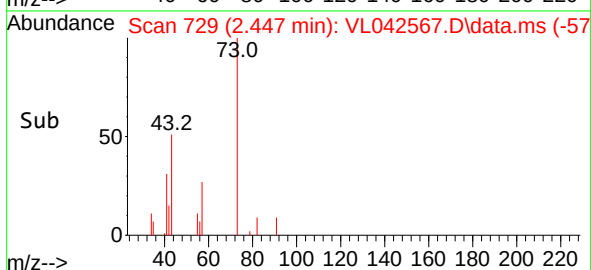
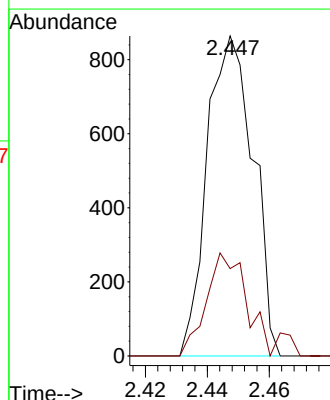
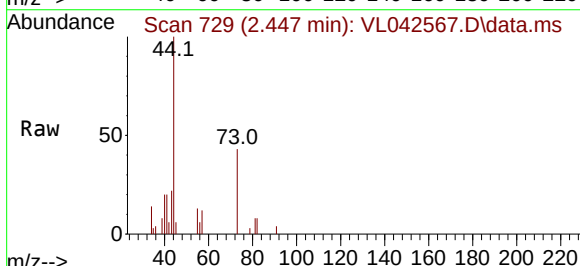
Acq: 21 May 2025 15:49

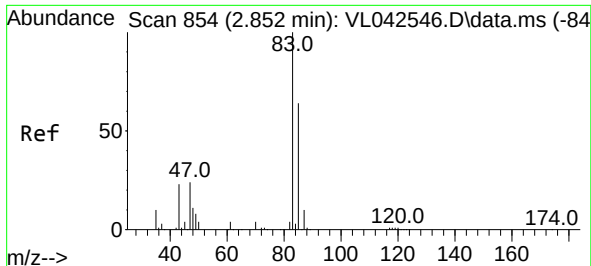
Tgt Ion: 73 Resp: 890

Ion Ratio Lower Upper

73 100

57 30.6 17.2 25.8#





#29

Chloroform

Concen: 0.117 ppbv

RT: 2.852 min Scan# 8

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

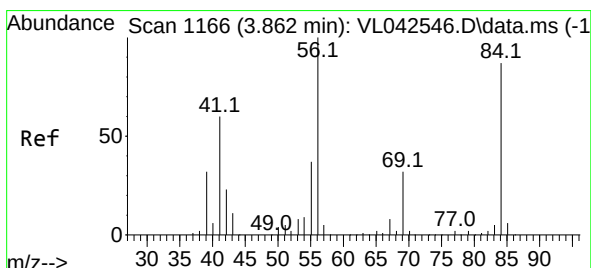
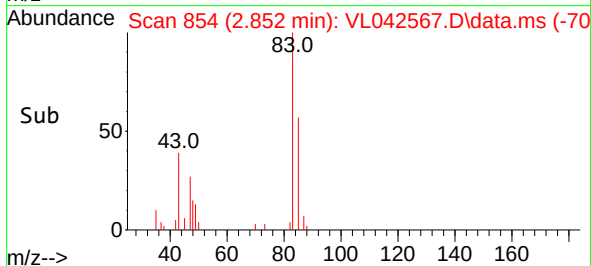
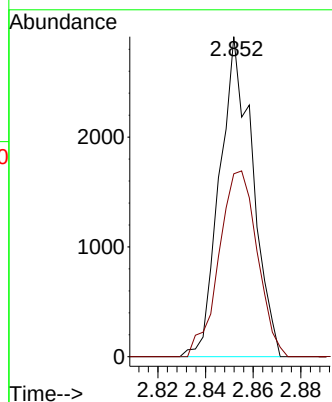
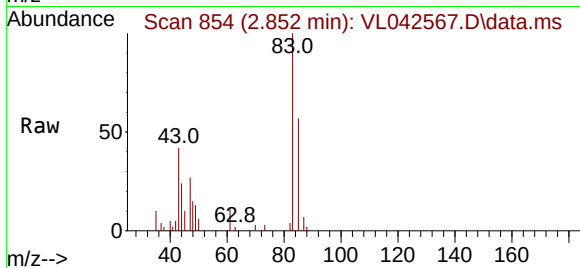
MDL 0.1

Tgt Ion: 83 Resp: 2800

Ion Ratio Lower Upper

83 100

85 57.2 51.6 77.4



#30

Cyclohexane

Concen: 0.031 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

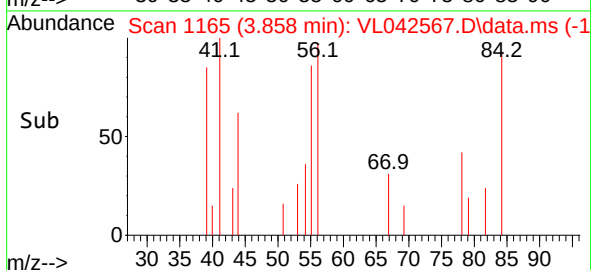
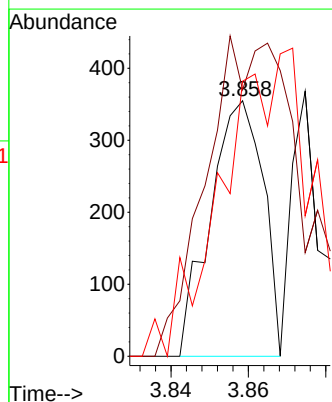
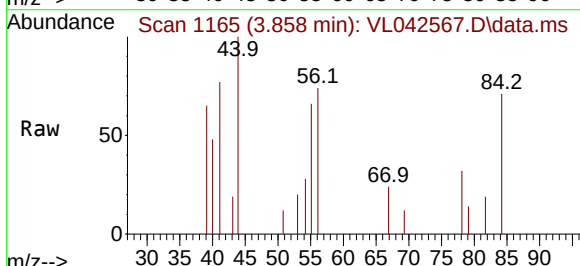
Tgt Ion: 84 Resp: 337

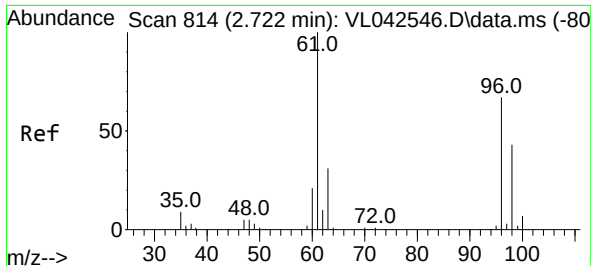
Ion Ratio Lower Upper

84 100

56 227.6 92.3 138.5#

41 0.0 57.0 85.4#

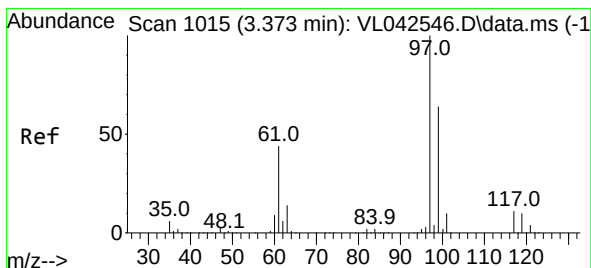
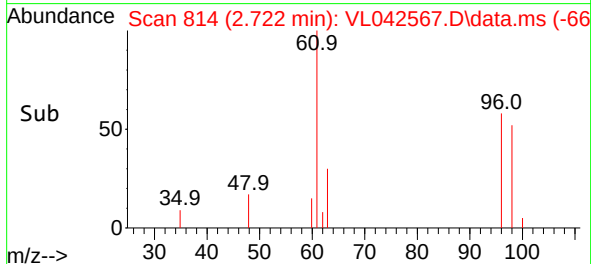
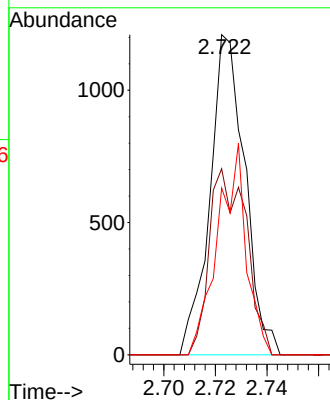
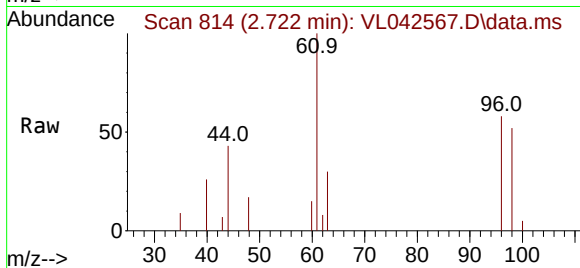




#31
 cis-1,2-Dichloroethene
 Concen: 0.082 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

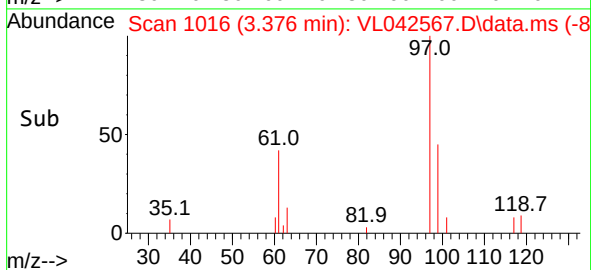
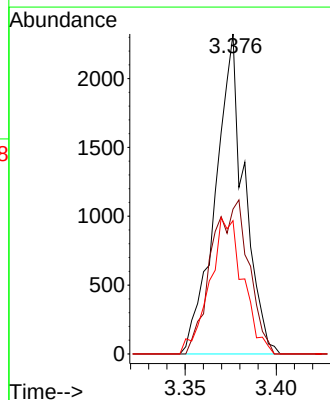
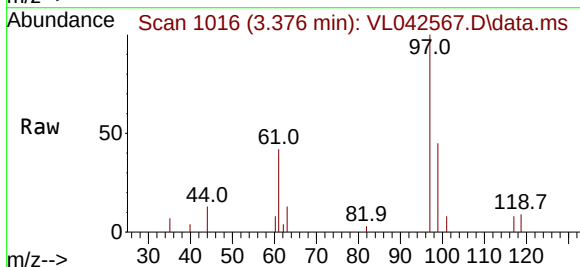
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

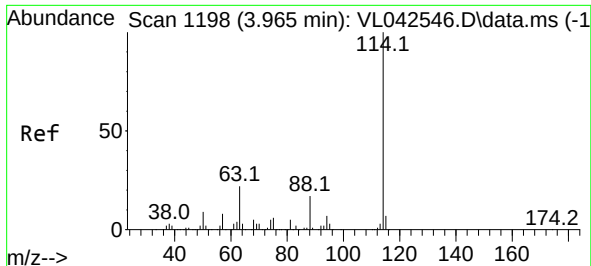
Tgt Ion: 61 Resp: 1140
 Ion Ratio Lower Upper
 61 100
 96 58.1 53.8 80.8
 98 52.1 34.5 51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.105 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion: 97 Resp: 2577
 Ion Ratio Lower Upper
 97 100
 99 62.0 51.5 77.3
 61 49.0 35.7 53.5

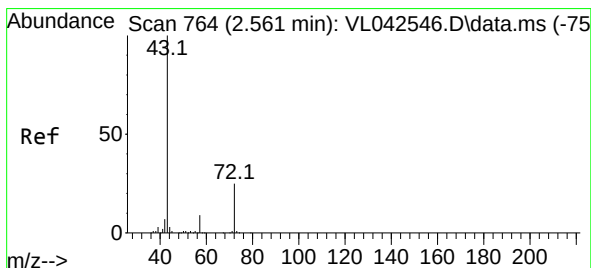
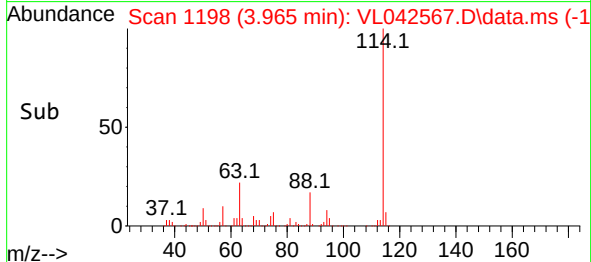
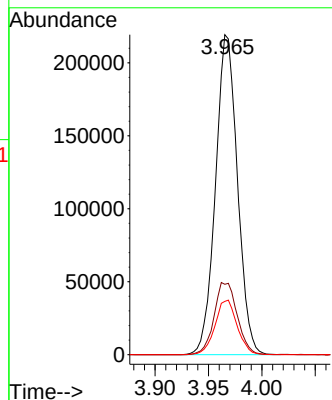
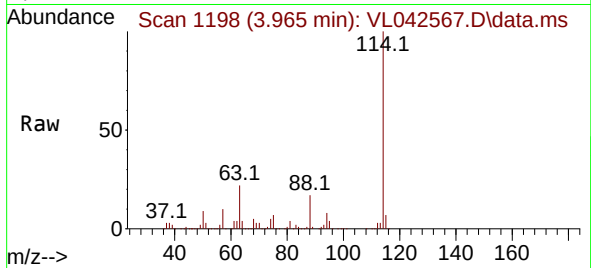




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

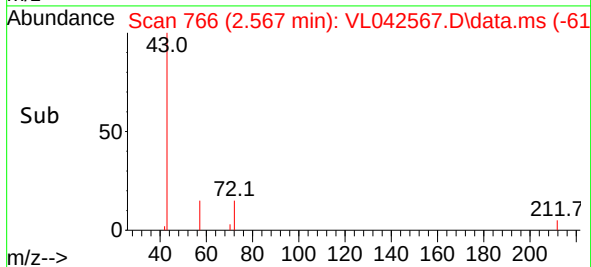
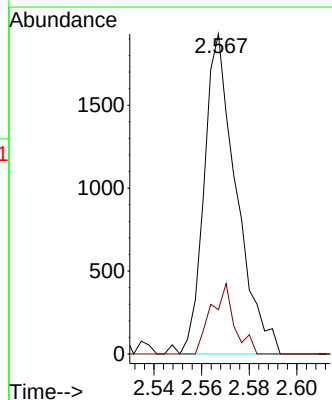
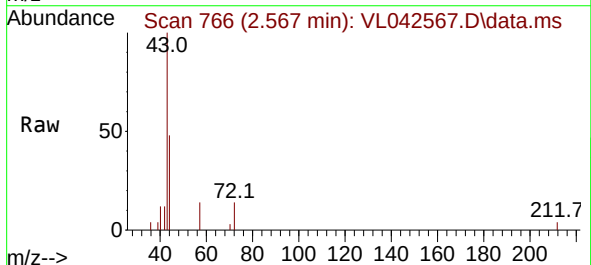
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

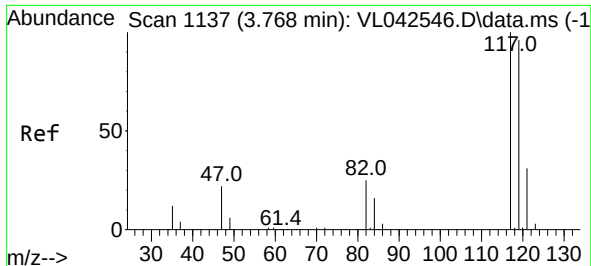
Tgt Ion:114 Resp: 313827
Ion Ratio Lower Upper
114 100
63 23.9 18.4 27.6
88 17.3 14.0 21.0



#34
2-Butanone
Concen: 0.108 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
72 15.9 20.5 30.7#

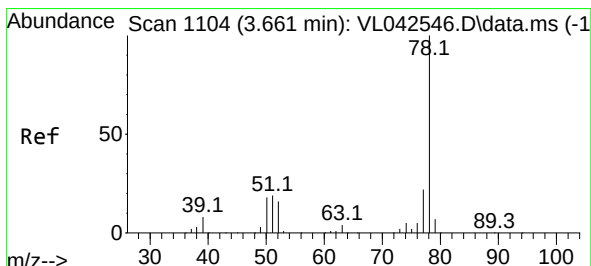
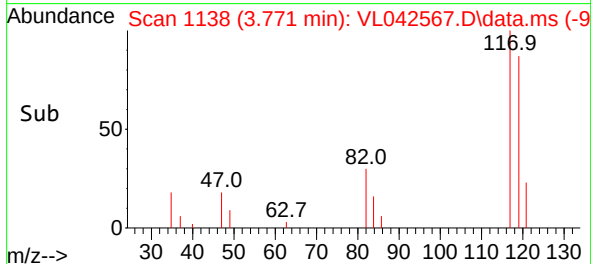
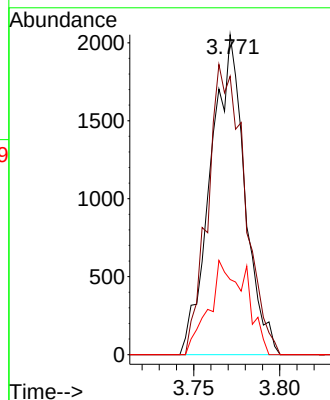
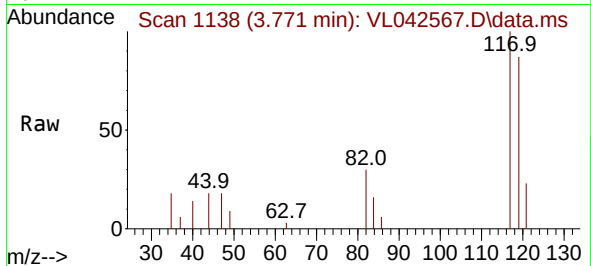




#35
Carbon Tetrachloride
Concen: 0.118 ppbv
RT: 3.771 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

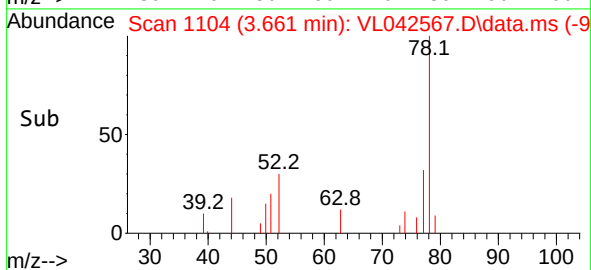
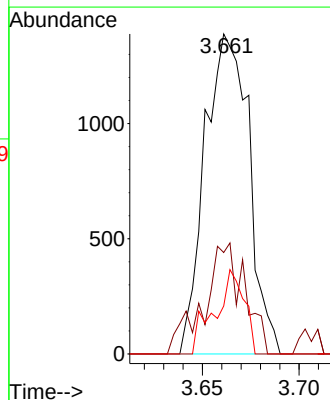
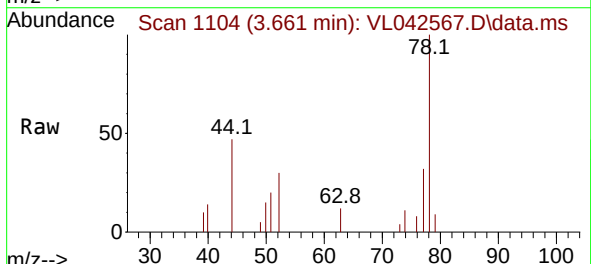
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

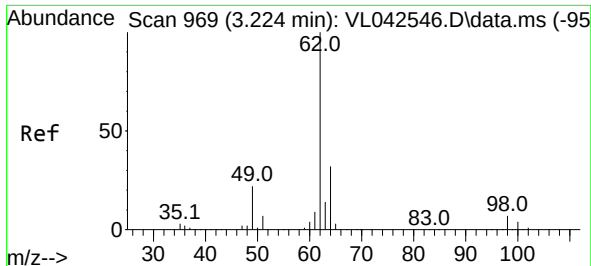
Tgt Ion: 117 Resp: 2828
Ion Ratio Lower Upper
117 100
119 87.0 76.6 114.8
121 23.5 24.7 37.1#



#36
Benzene
Concen: 0.087 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 78 Resp: 2208
Ion Ratio Lower Upper
78 100
77 31.7 17.8 26.6#
50 35.4 14.0 21.0#

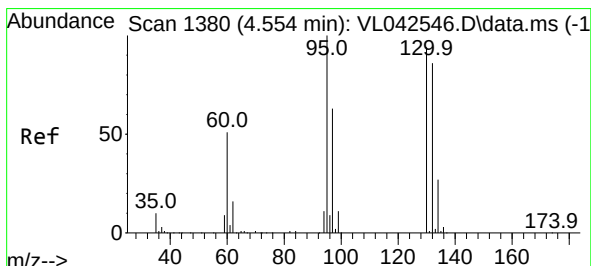
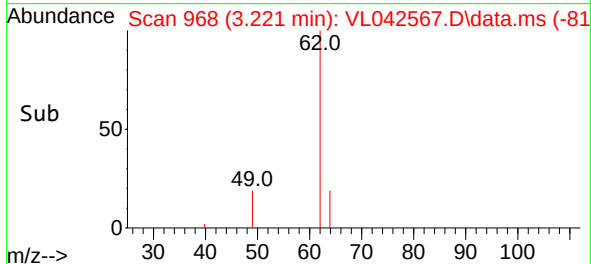
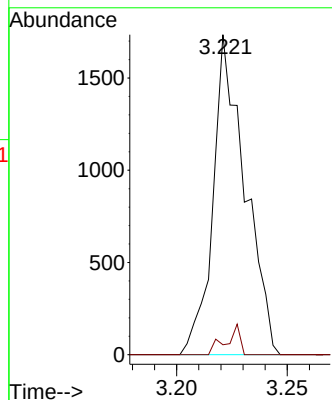
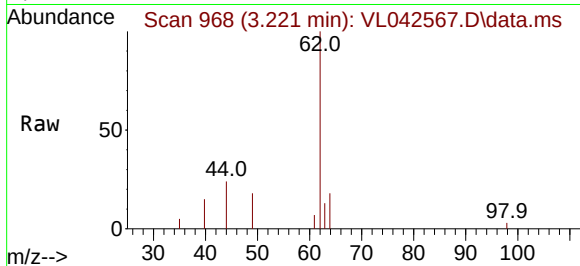




#37
1,2-Dichloroethane
Concen: 0.113 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

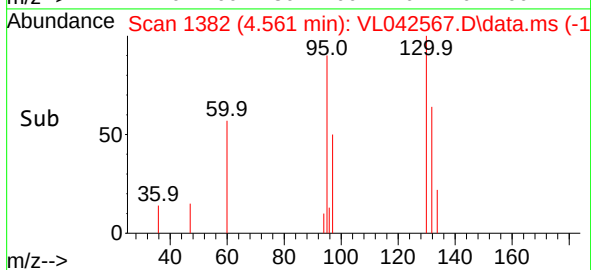
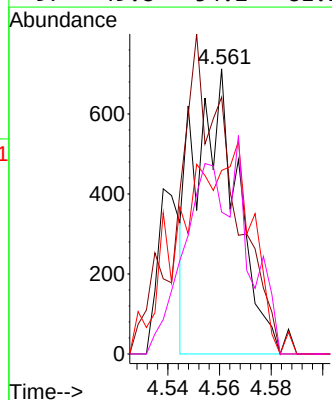
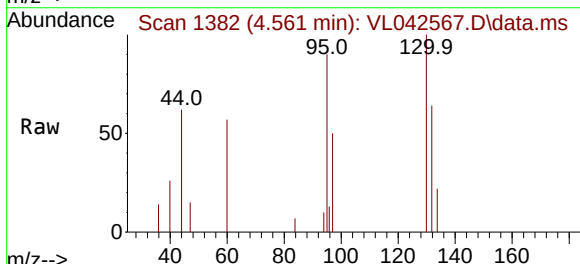
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

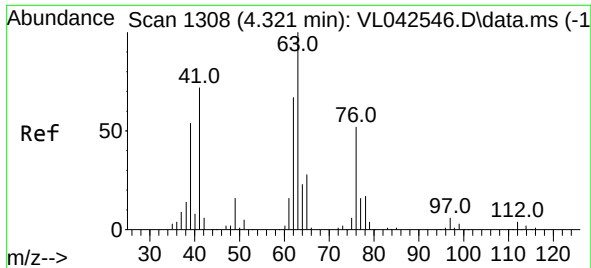
Tgt Ion: 62 Resp: 1749
Ion Ratio Lower Upper
62 100
98 4.1 5.5 8.3#



#38
Trichloroethene
Concen: 0.071 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion:130 Resp: 820
Ion Ratio Lower Upper
130 100
95 90.0 85.2 127.8
132 64.4 73.4 110.2#
97 49.8 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.367 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.359 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

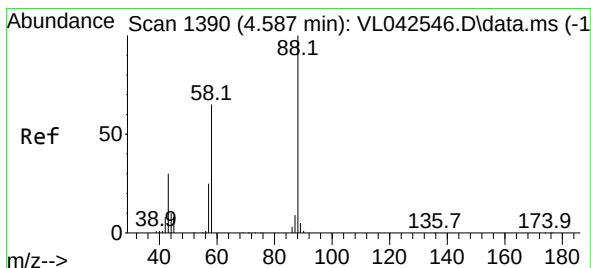
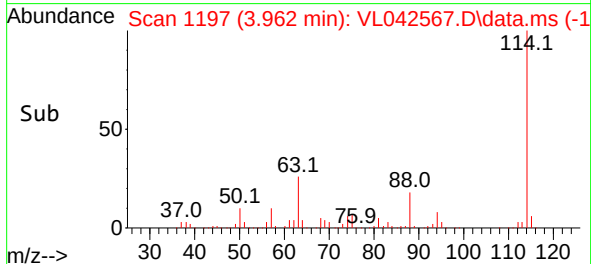
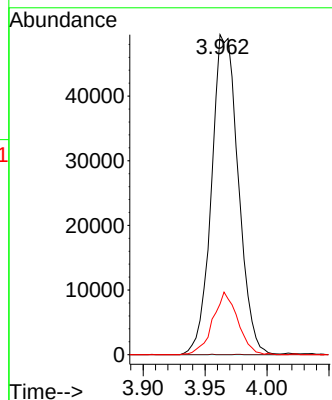
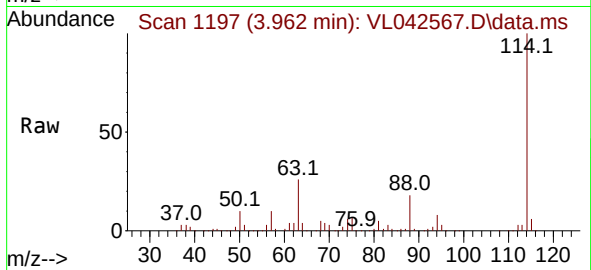
Tgt Ion: 63 Resp: 74586

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 15.8 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.008 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.036 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Tgt Ion: 88 Resp: 31

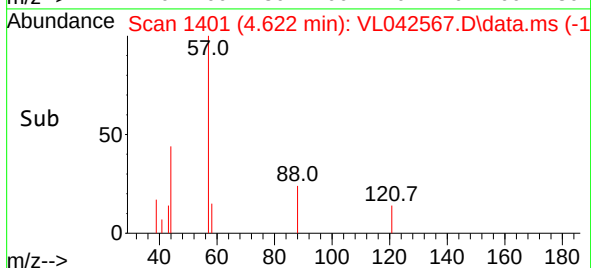
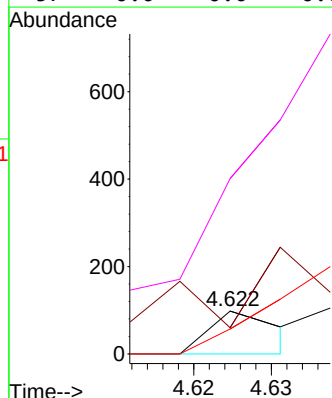
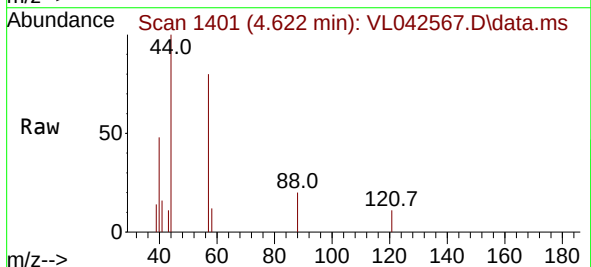
Ion Ratio Lower Upper

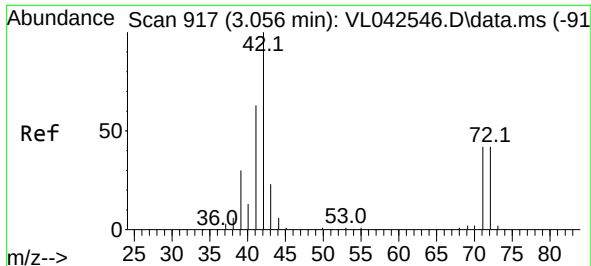
88 100

58 0.0 52.8 79.2#

43 112.9 23.0 34.4#

57 0.0 0.0 0.0

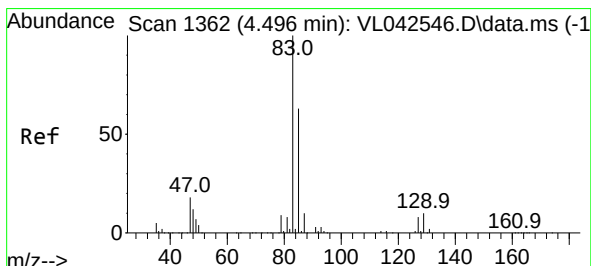
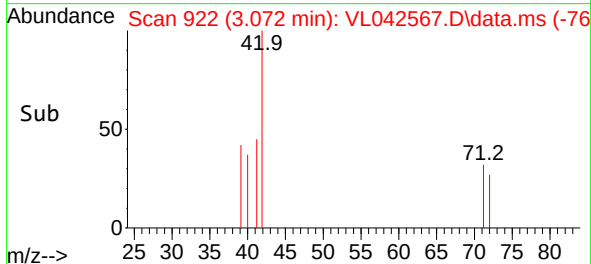
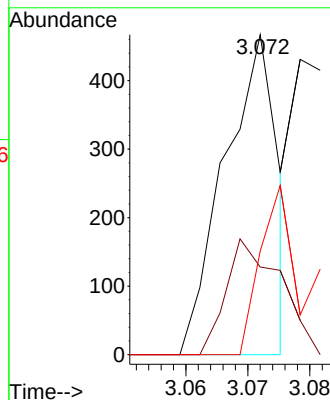
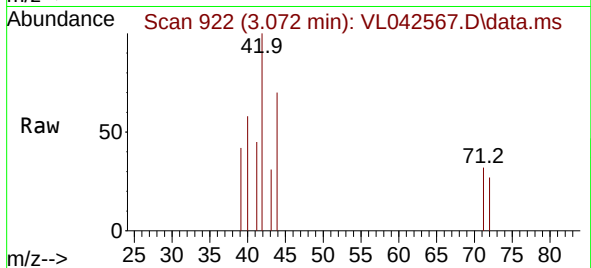




#41
Tetrahydrofuran
Concen: 0.034 ppbv
RT: 3.072 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

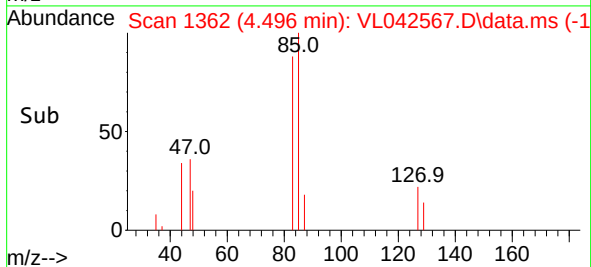
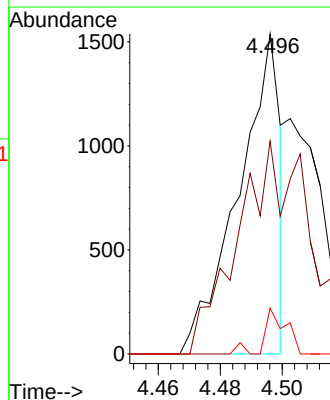
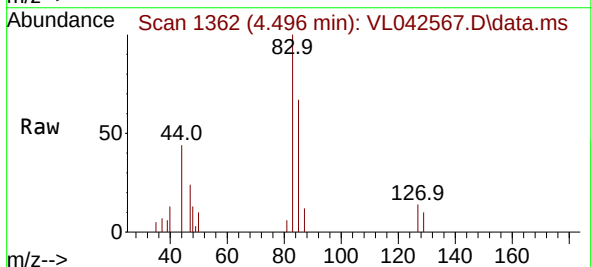
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

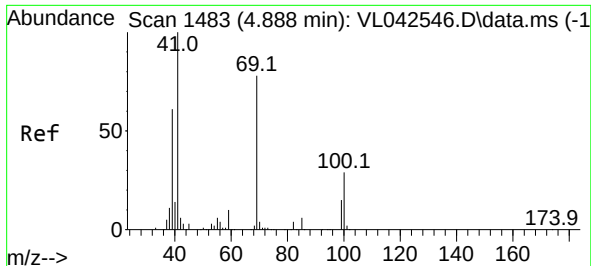
Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
72 36.8 34.8 52.2
71 0.0 33.6 50.4#



#42
Bromodichloromethane
Concen: 0.066 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 83 Resp: 1437
Ion Ratio Lower Upper
83 100
85 66.5 50.4 75.6
127 14.3 6.5 9.7#

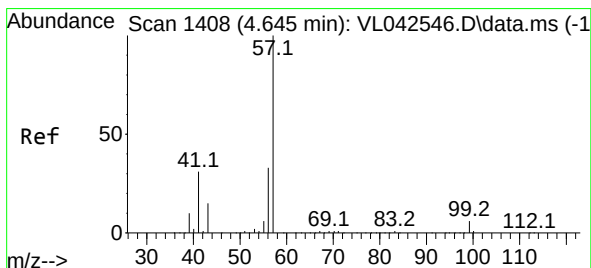
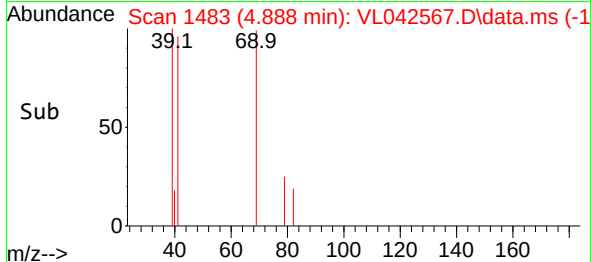
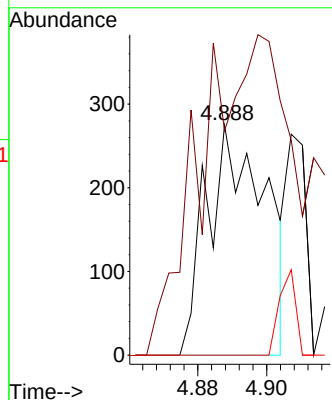
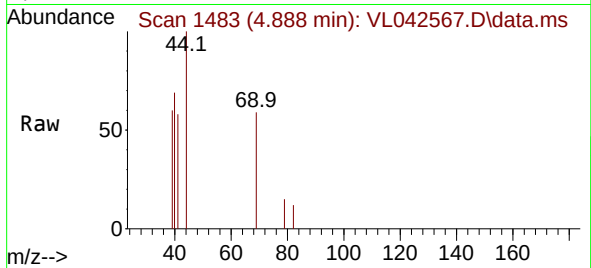




#43
Methyl Methacrylate
Concen: 0.038 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

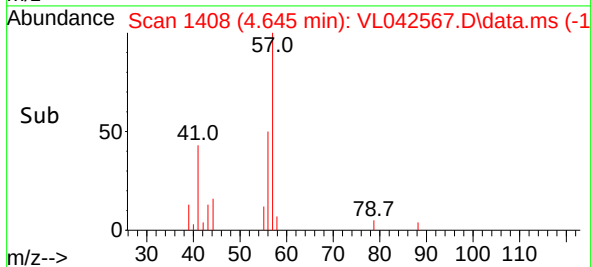
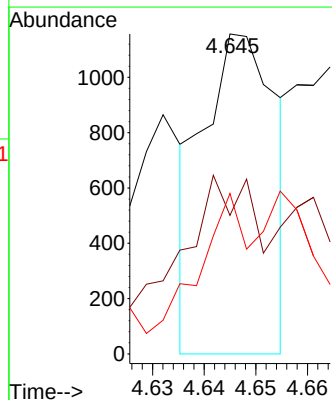
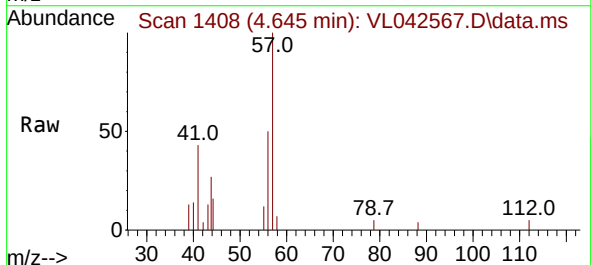
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

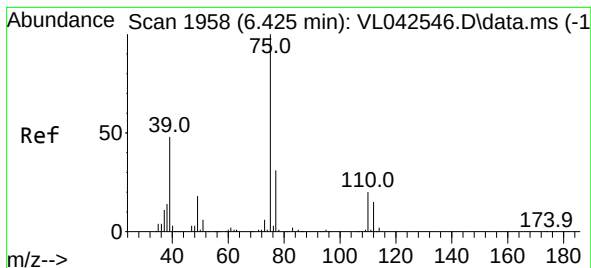
Tgt Ion: 69 Resp: 324
Ion Ratio Lower Upper
69 100
41 0.0 107.8 161.8#
100 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.029 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 57 Resp: 1133
Ion Ratio Lower Upper
57 100
41 110.9 25.0 37.4#
56 0.0 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.042 ppbv

RT: 6.428 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

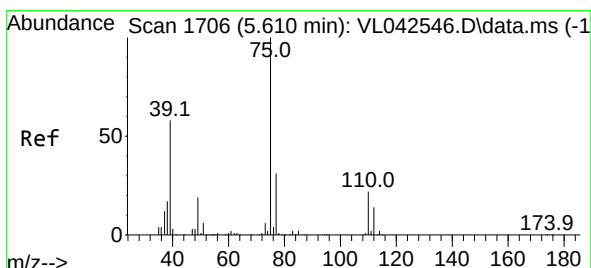
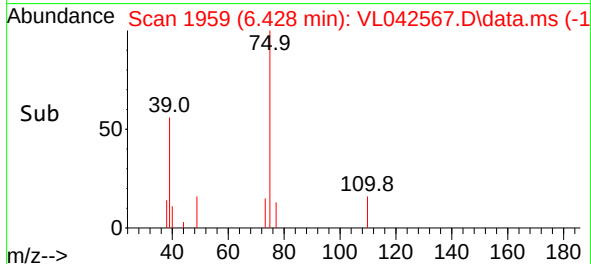
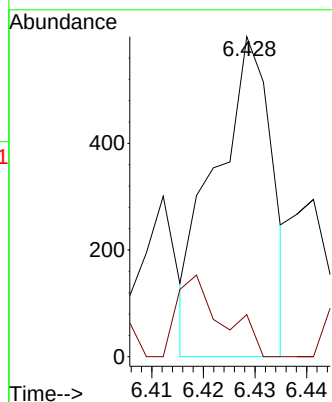
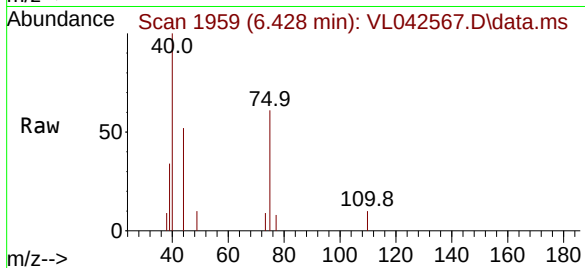
MDL 0.1

Tgt Ion: 75 Resp: 463

Ion Ratio Lower Upper

75 100

77 13.2 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.030 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

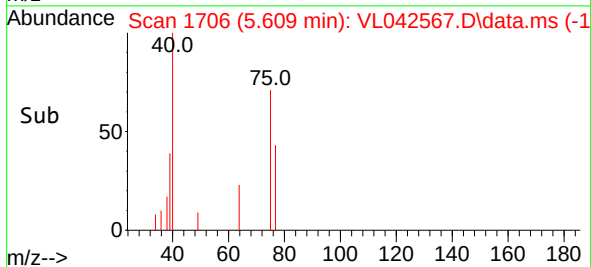
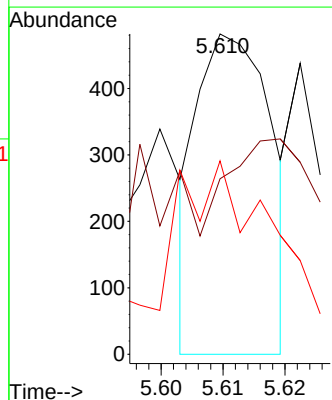
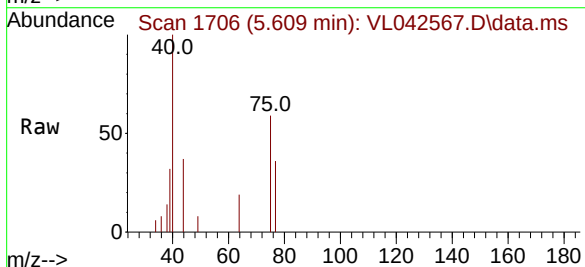
Tgt Ion: 75 Resp: 400

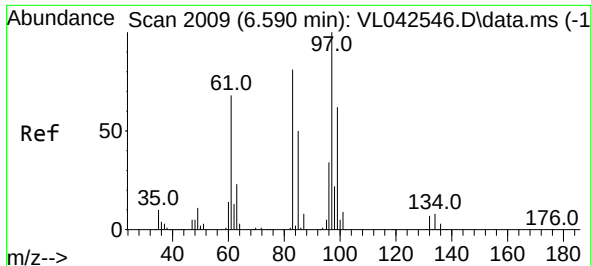
Ion Ratio Lower Upper

75 100

39 0.0 46.3 69.5#

77 51.1 25.0 37.6#

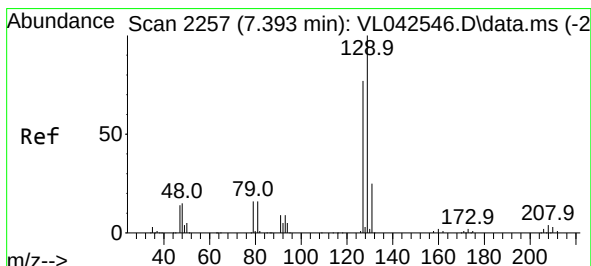
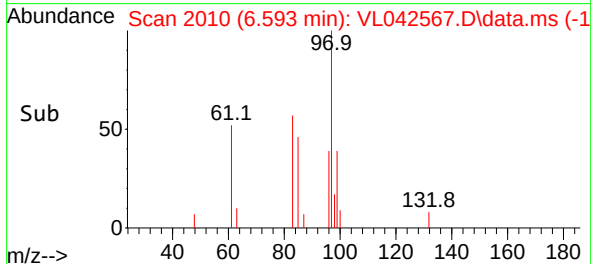
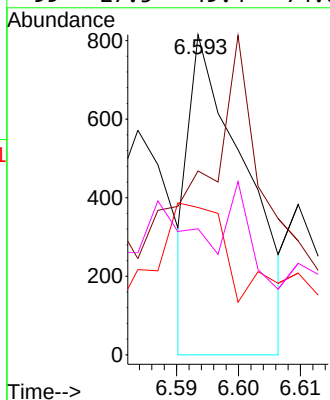
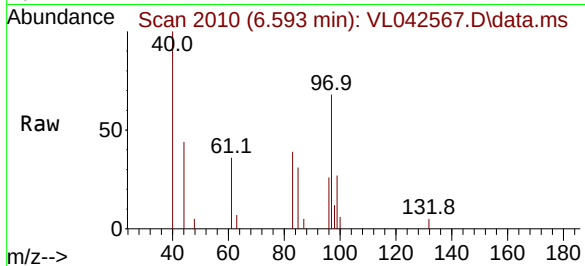




#47
1,1,2-Trichloroethane
Concen: 0.048 ppbv
RT: 6.593 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

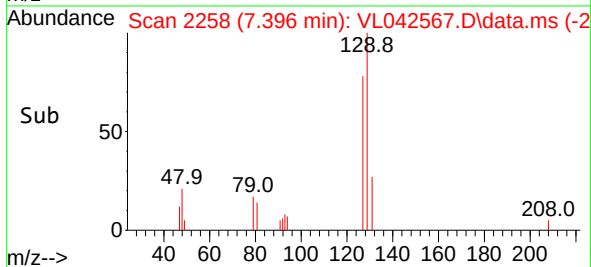
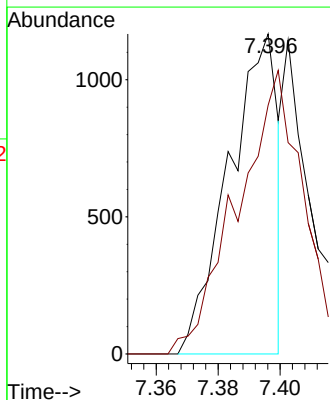
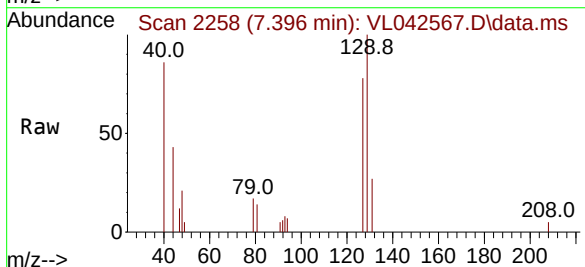
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

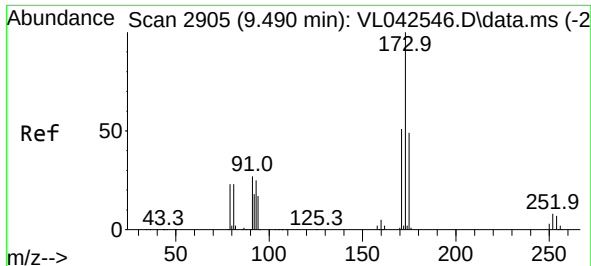
Tgt Ion: 97	Resp: 510
Ion Ratio	Lower Upper
97 100	
83 21.6	65.0 97.4#
85 34.5	39.9 59.9#
99 27.5	49.4 74.0#



#48
Dibromochloromethane
Concen: 0.069 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion:129	Resp:	1279	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	117.0#

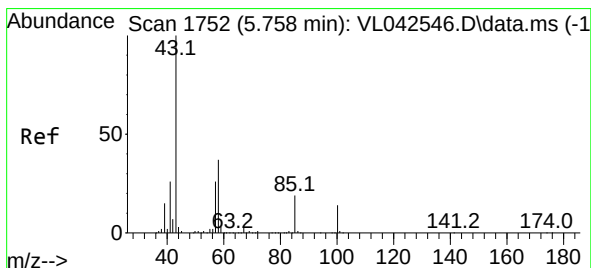
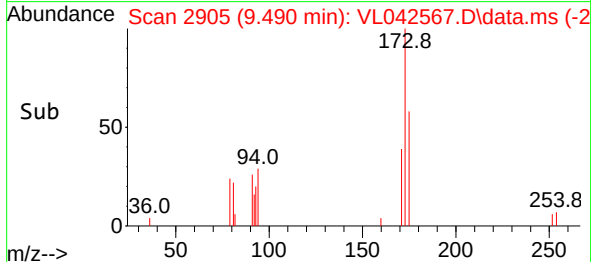
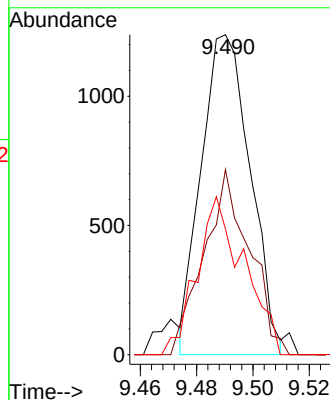
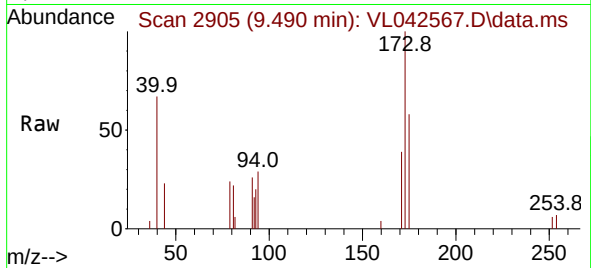




#49
Bromoform
Concen: 0.095 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

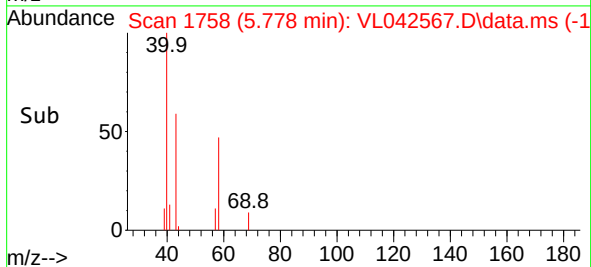
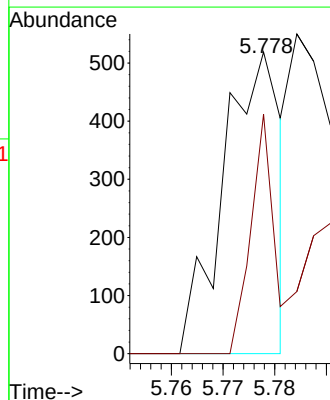
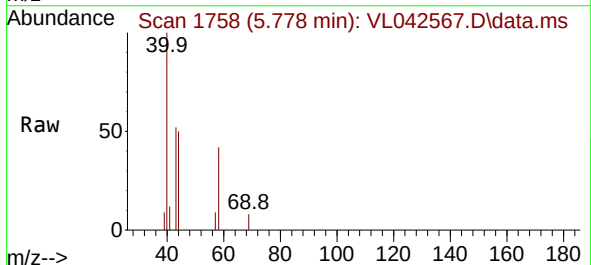
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

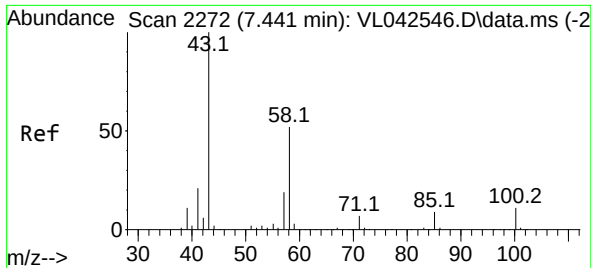
Tgt Ion:173 Resp: 1499
Ion Ratio Lower Upper
173 100
175 53.8 39.2 58.8
171 47.4 41.9 62.9



#50
4-Methyl-2-Pentanone
Concen: 0.020 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.019 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 97.5 30.0 45.0#

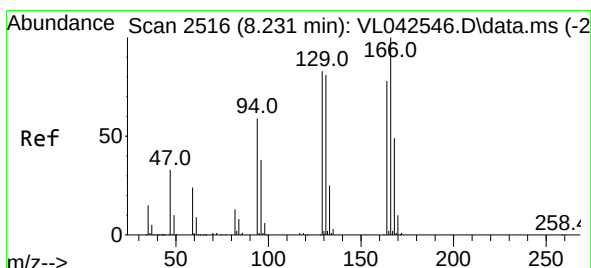
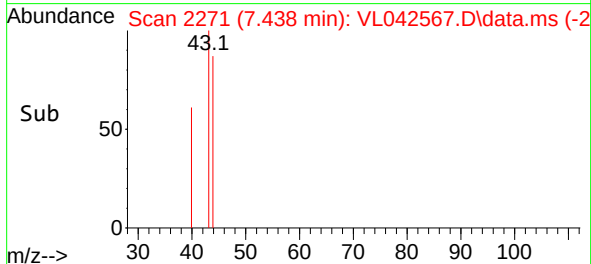
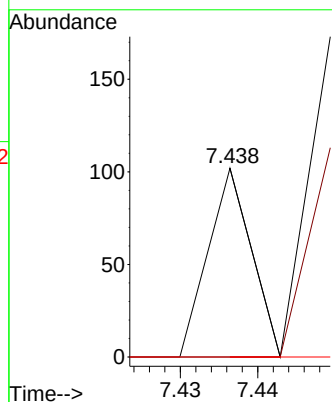
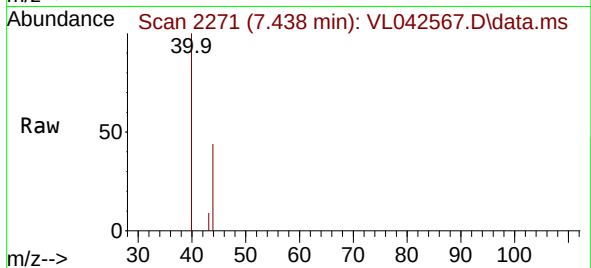




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.438 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

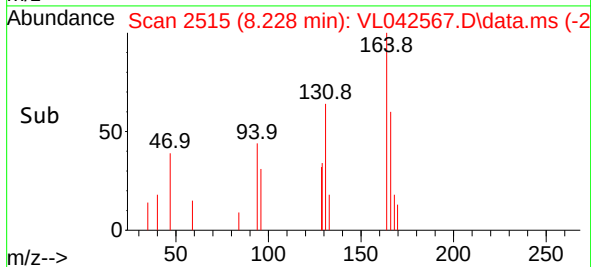
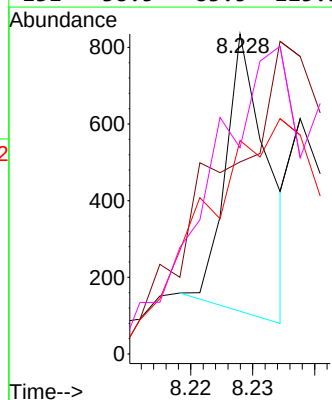
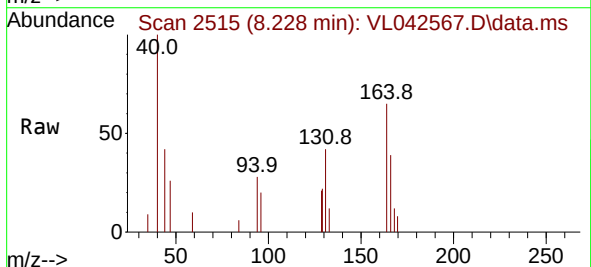
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

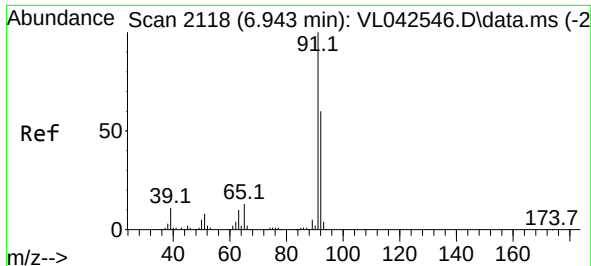
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.034 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 164 Resp: 338
Ion Ratio Lower Upper
164 100
166 44.5 103.1 154.7#
129 42.5 85.3 127.9#
131 38.5 83.5 125.3#

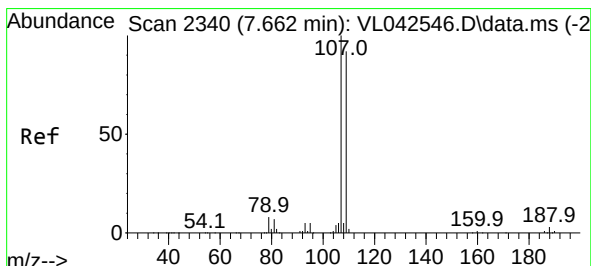
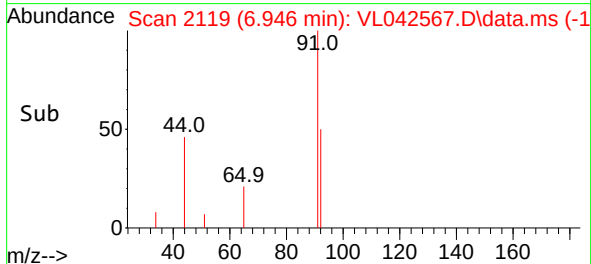
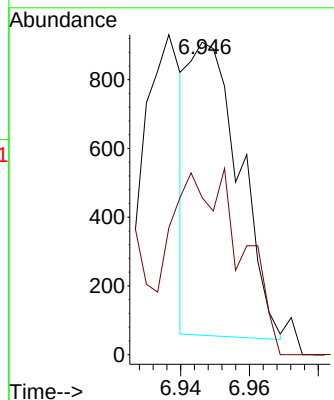
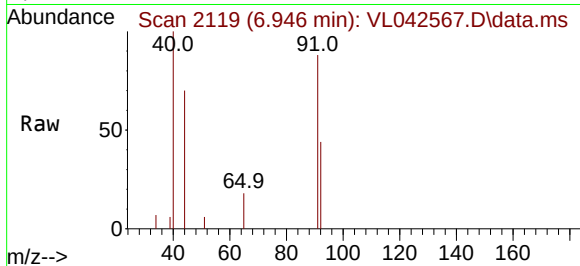




#53
Toluene
Concen: 0.032 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

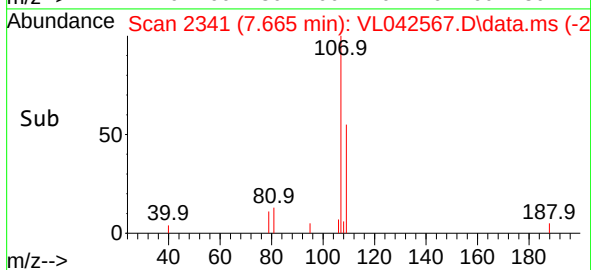
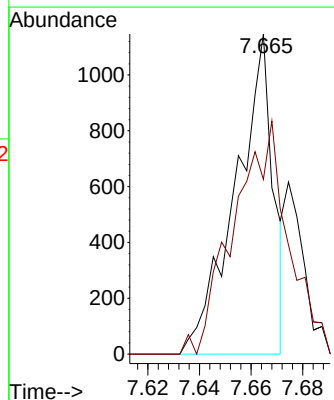
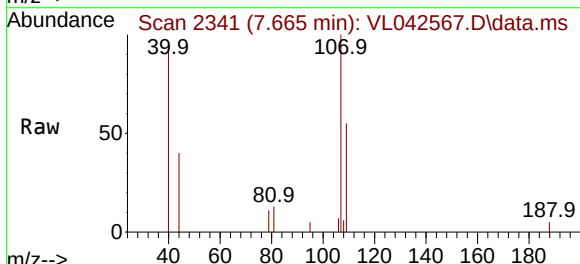
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

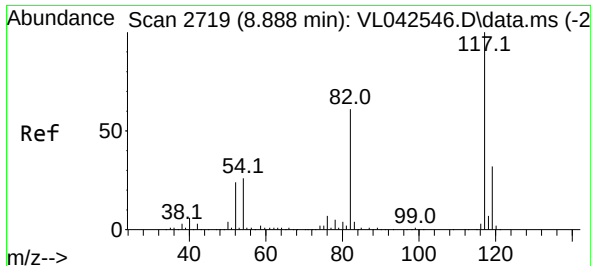
Tgt Ion: 91 Resp: 875
Ion Ratio Lower Upper
91 100
92 109.5 47.8 71.8#



#54
1,2-Dibromoethane
Concen: 0.074 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 107 Resp: 1159
Ion Ratio Lower Upper
107 100
109 54.6 73.4 110.2#

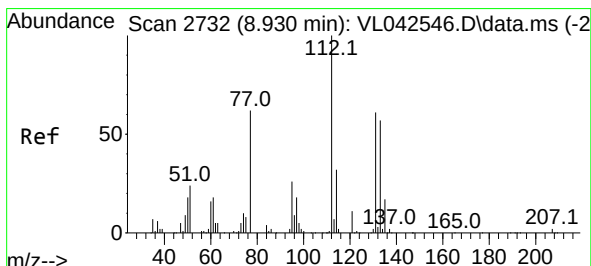
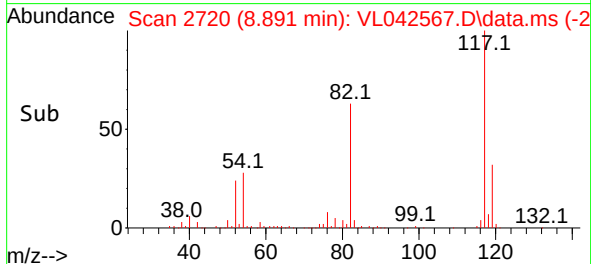
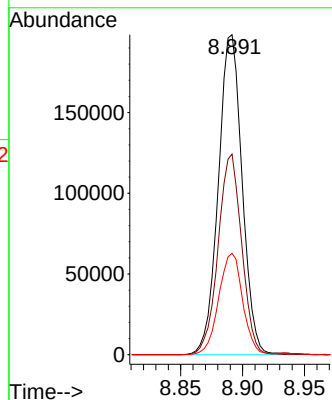
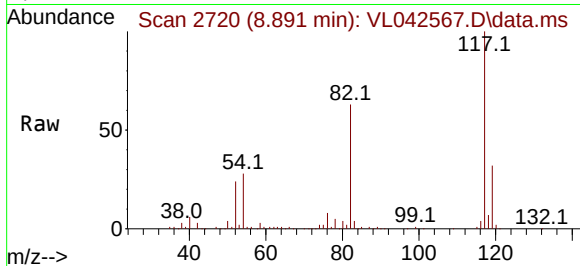




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

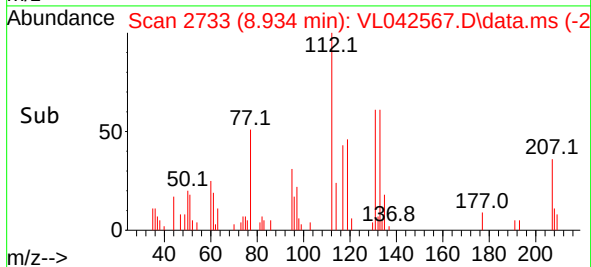
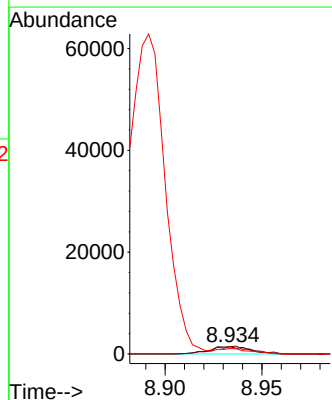
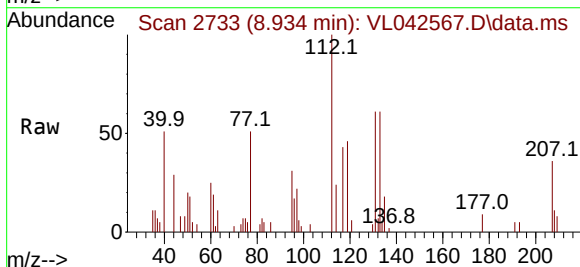
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

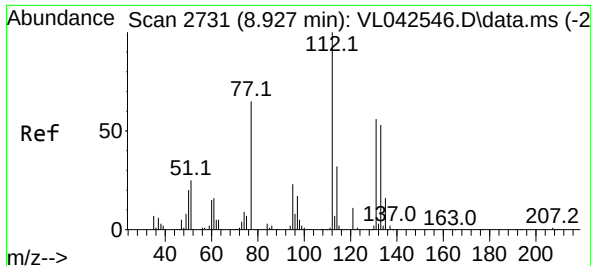
Tgt Ion:117 Resp: 265469
Ion Ratio Lower Upper
117 100
82 62.3 51.0 76.4
119 32.4 27.0 40.4



#56
1,1,1,2-Tetrachloroethane
Concen: 0.142 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion:131 Resp: 2015
Ion Ratio Lower Upper
131 100
133 110.1 76.3 114.5
119 4266.6 47.5 71.3#

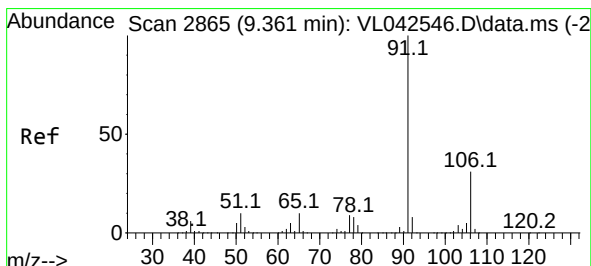
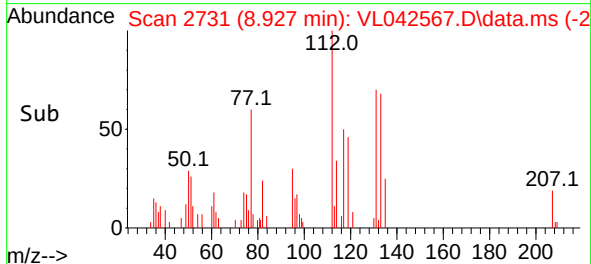
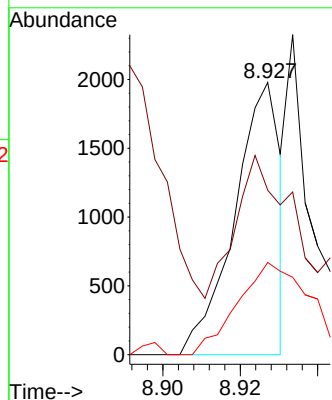
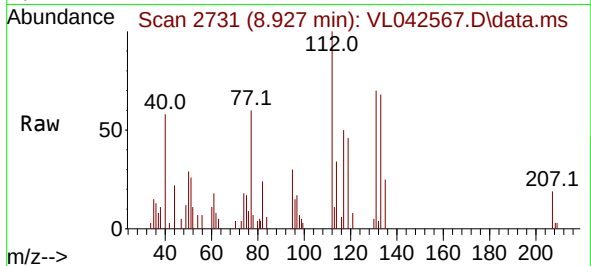




#57
Chlorobenzene
Concen: 0.069 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

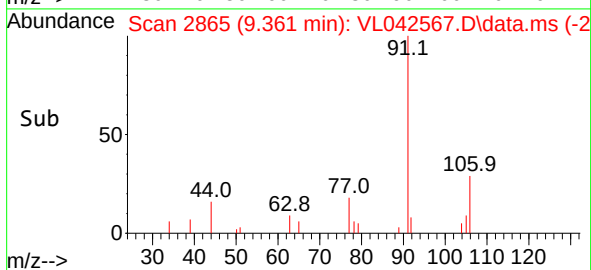
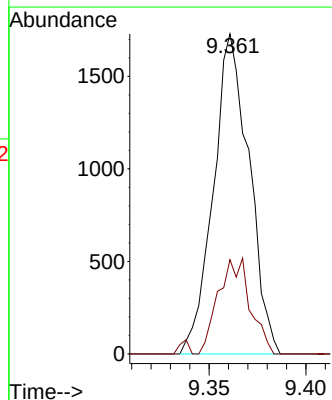
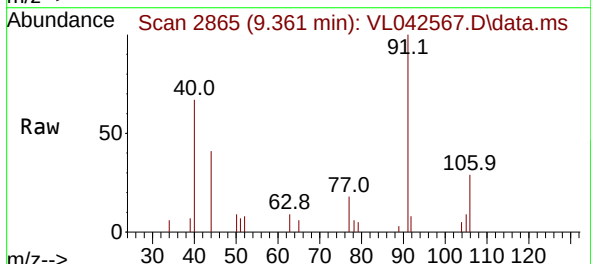
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

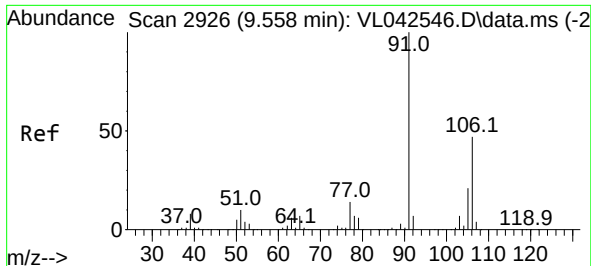
Tgt Ion:112 Resp: 1625
Ion Ratio Lower Upper
112 100
77 21.6 53.2 79.8#
114 33.9 28.4 34.8



#58
Ethyl Benzene
Concen: 0.064 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 91 Resp: 2218
Ion Ratio Lower Upper
91 100
106 27.3 24.6 37.0





#59

m/p-Xylene

Concen: 0.024 ppbv

RT: 9.561 min Scan# 2926

Delta R.T. 0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_1

ClientSampleId :

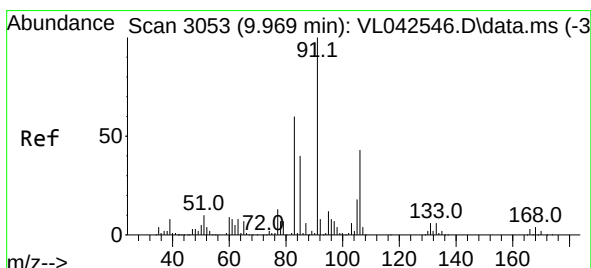
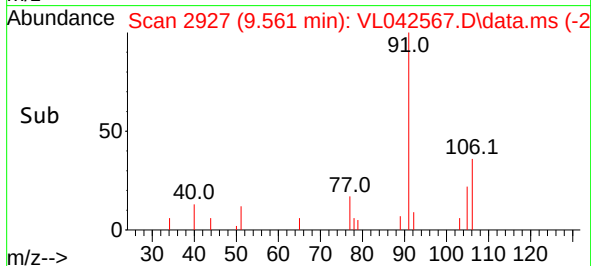
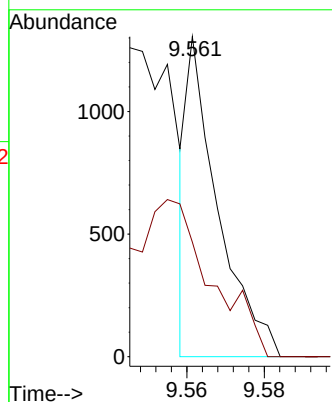
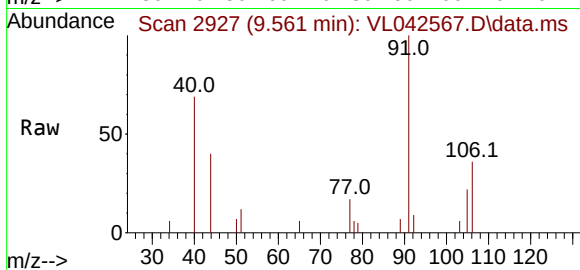
MDL 0.1

Tgt Ion: 91 Resp: 724

Ion Ratio Lower Upper

91 100

106 181.5 37.1 55.7#



#60

o-Xylene

Concen: 0.012 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.006 min

Lab File: VL042567.D

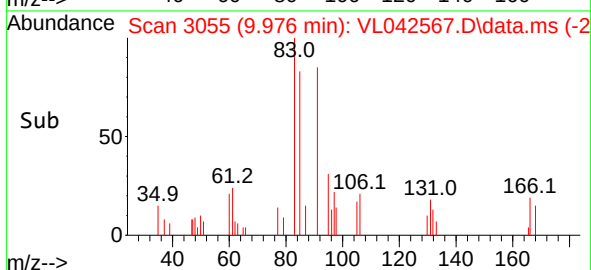
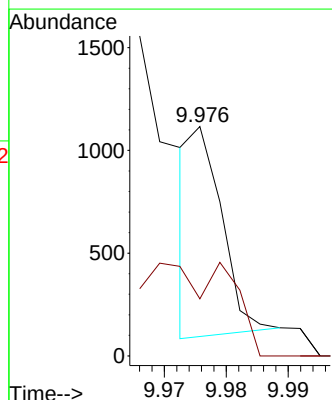
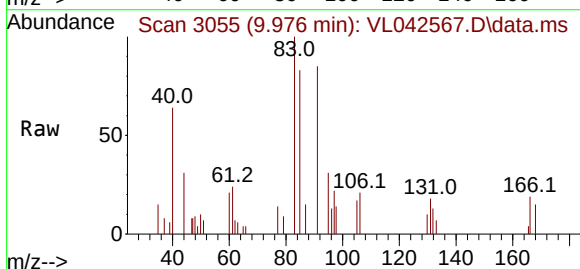
Acq: 21 May 2025 15:49

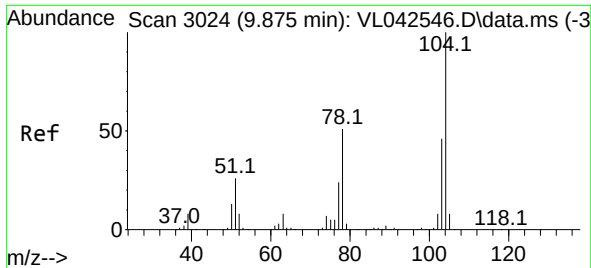
Tgt Ion: 91 Resp: 355

Ion Ratio Lower Upper

91 100

106 156.6 21.6 64.8#





#61

Styrene

Concen: 0.050 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

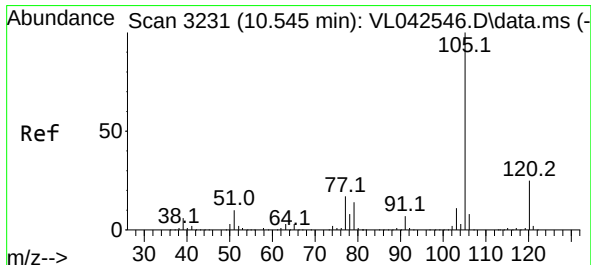
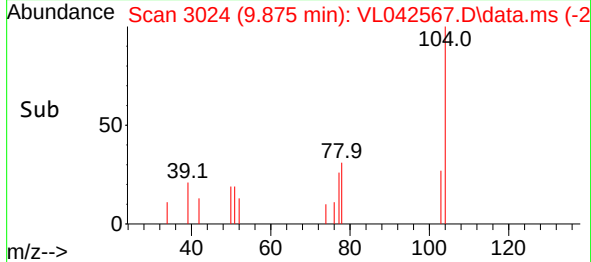
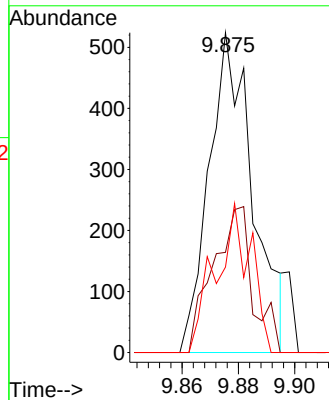
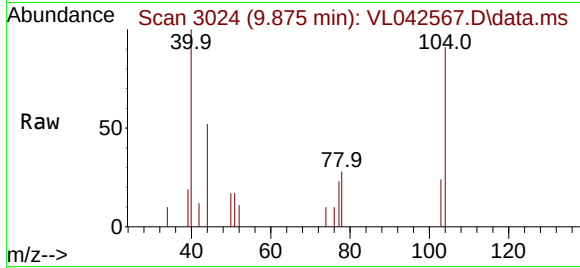
Instrument :

MSVOA_1

ClientSampleId :

MDL 0.1

Tgt Ion:104	Resp:	564
Ion Ratio	Lower	Upper
104	100	
78	41.3	39.2 58.8
103	37.6	37.1 55.7



#62

Isopropylbenzene

Concen: 0.070 ppbv

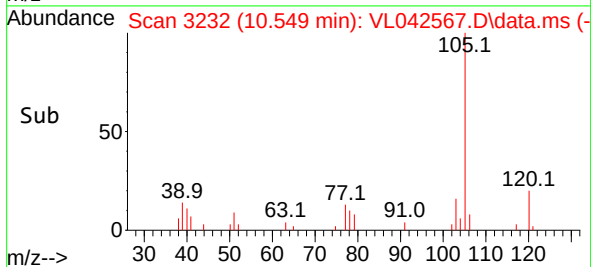
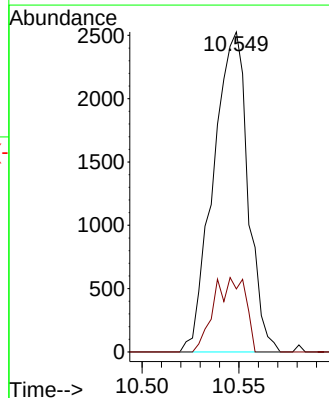
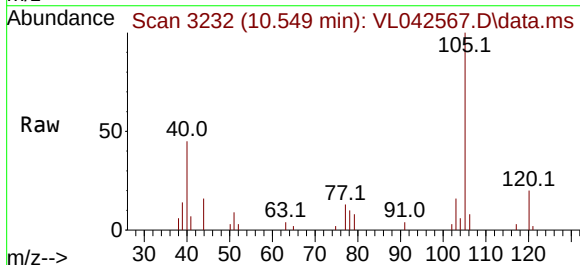
RT: 10.549 min Scan# 3232

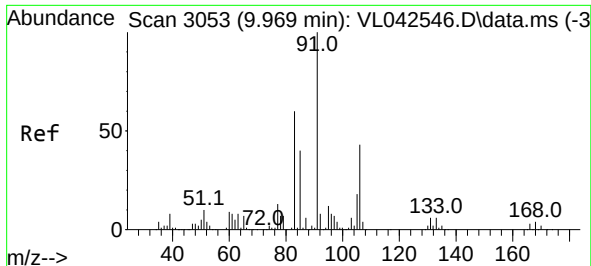
Delta R.T. 0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Tgt Ion:105	Resp:	3151
Ion Ratio	Lower	Upper
105	100	
120	21.3	20.0 30.0





#63

1,1,2-Tetrachloroethane

Concen: 0.108 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

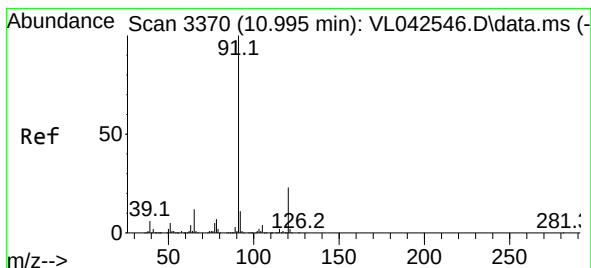
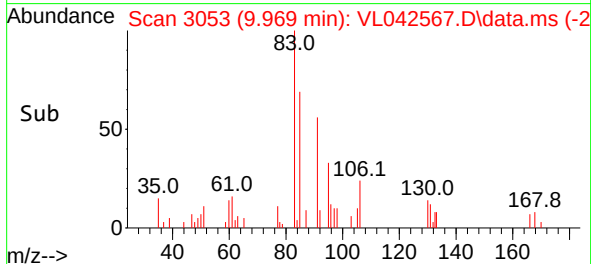
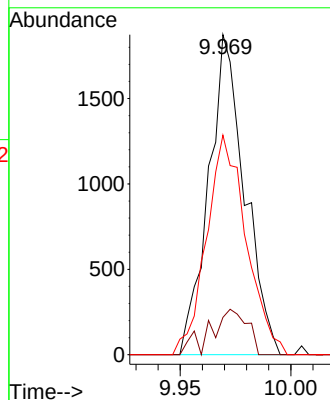
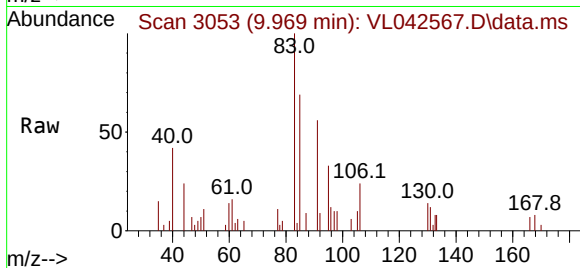
Tgt Ion: 83 Resp: 2127

Ion Ratio Lower Upper

83 100

131 14.7 5.1 15.3

85 75.3 32.5 97.4



#64

n-propylbenzene

Concen: 0.046 ppbv

RT: 10.999 min Scan# 3371

Delta R.T. 0.003 min

Lab File: VL042567.D

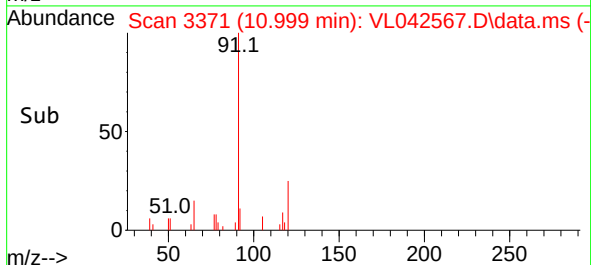
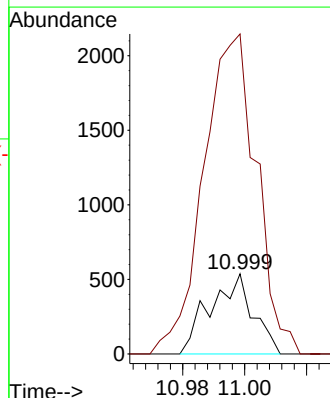
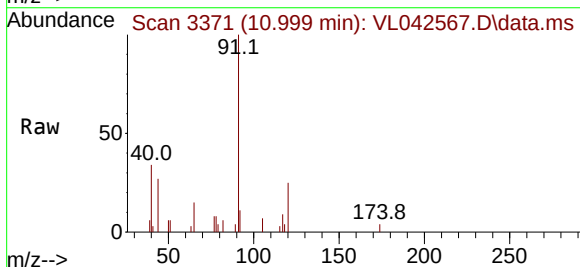
Acq: 21 May 2025 15:49

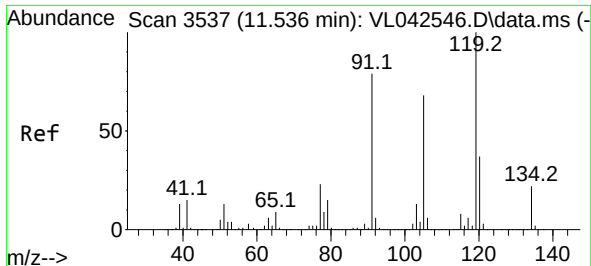
Tgt Ion: 120 Resp: 517

Ion Ratio Lower Upper

120 100

91 491.3 367.0 550.4

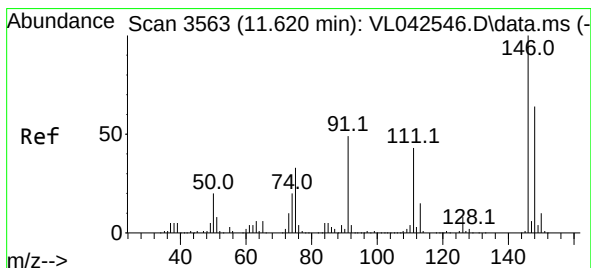
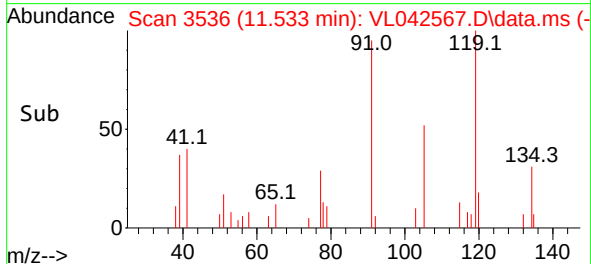
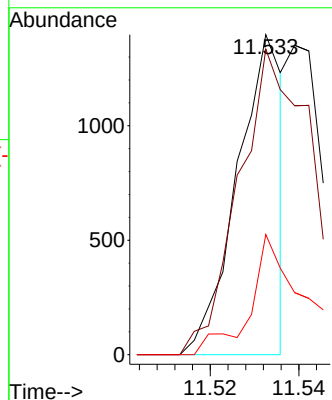
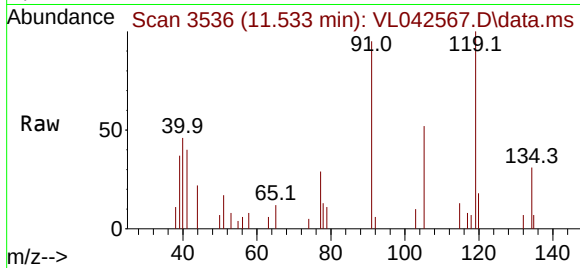




#65
tert-Butylbenzene
Concen: 0.025 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

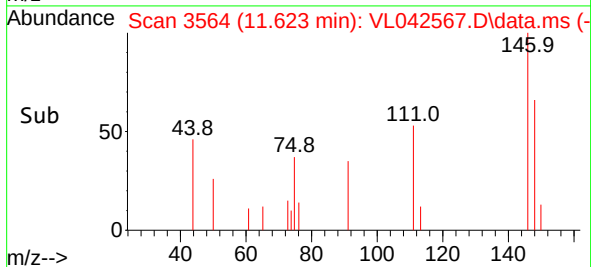
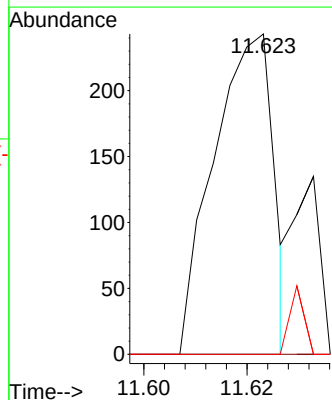
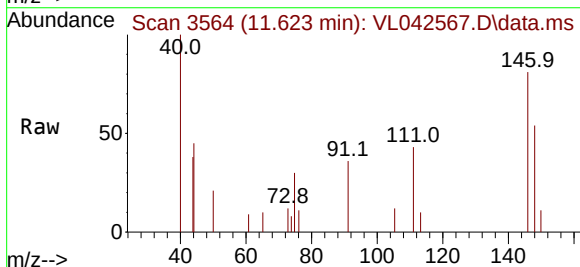
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

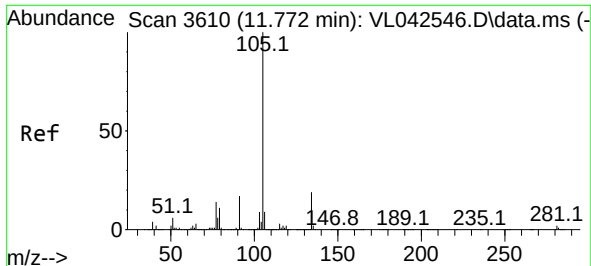
Tgt Ion:119 Resp: 1001
Ion Ratio Lower Upper
119 100
91 159.7 62.7 94.1#
134 39.8 16.8 25.2#



#66
Benzyl Chloride
Concen: 0.039 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 91 Resp: 196
Ion Ratio Lower Upper
91 100
126 0.0 14.2 21.2#
128 0.0 4.6 6.8#

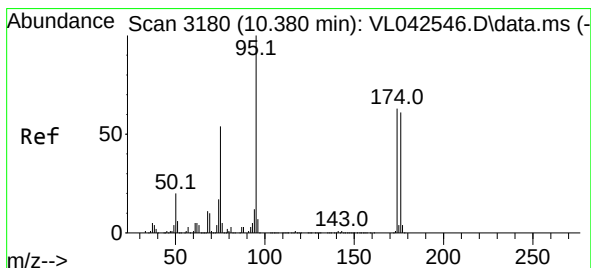
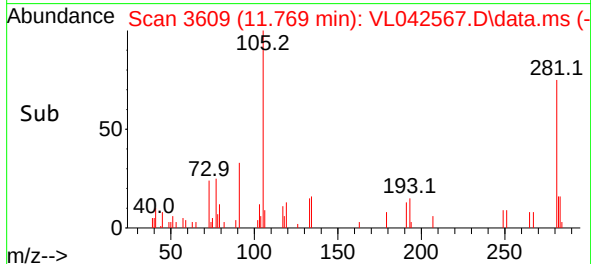
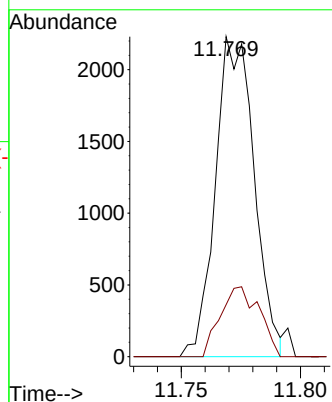
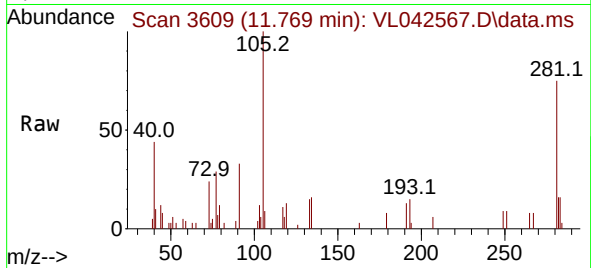




#67
 sec-Butylbenzene
 Concen: 0.044 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

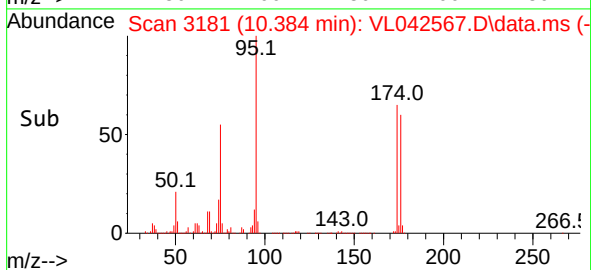
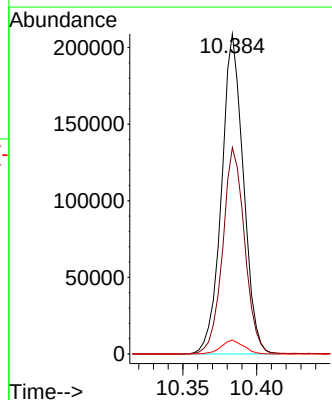
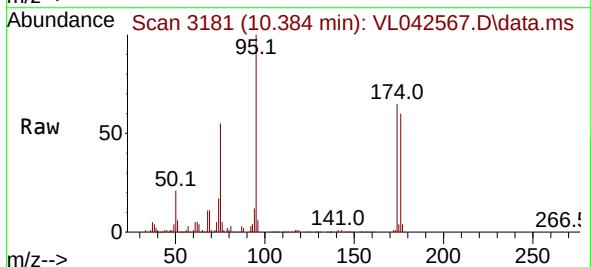
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

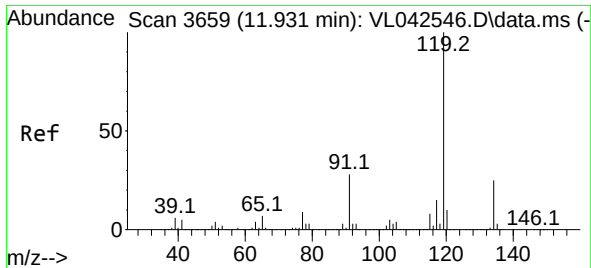
Tgt Ion:105 Resp: 2517
 Ion Ratio Lower Upper
 105 100
 134 22.0 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.130 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion: 95 Resp: 215219
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.0 78.0
 175 4.5 3.8 5.6

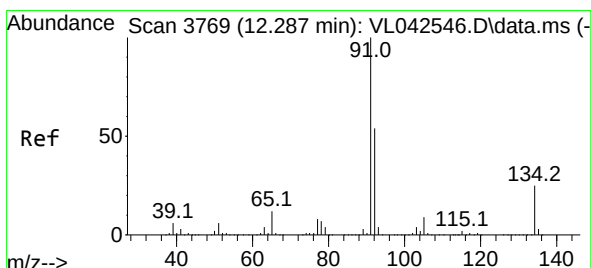
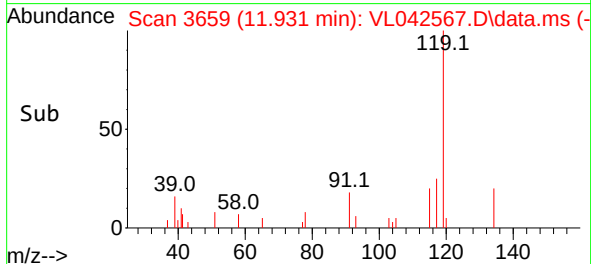
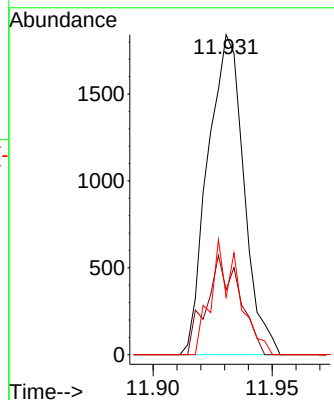
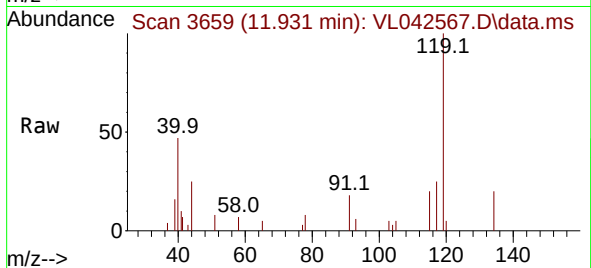




#69
 p-Isopropyltoluene
 Concen: 0.041 ppbv
 RT: 11.931 min Scan# 3659
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

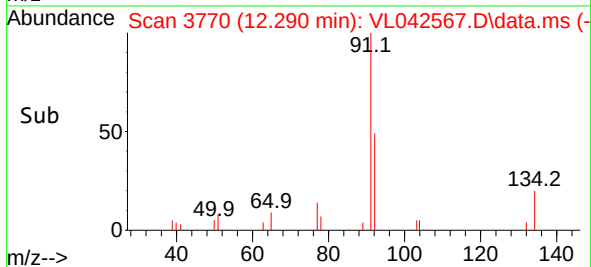
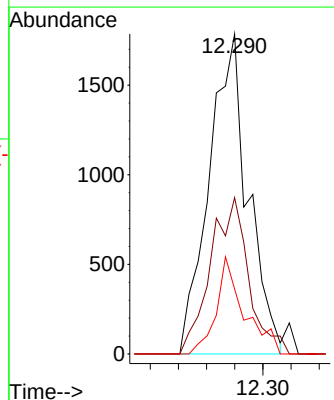
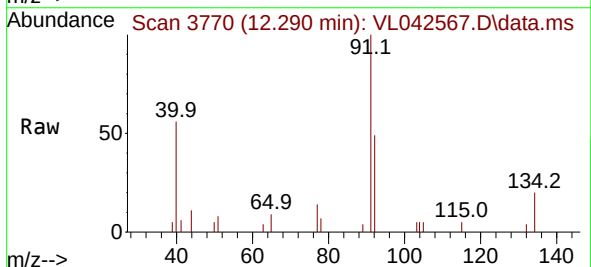
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

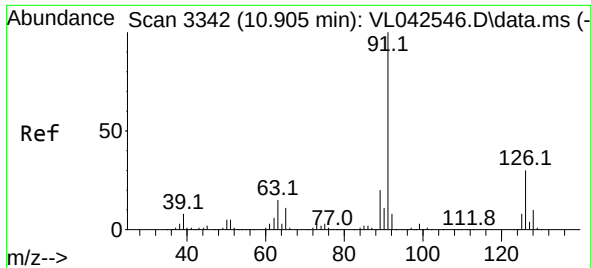
Tgt Ion:	119	Resp:	1940
Ion	Ratio	Lower	Upper
119	100		
134	28.6	20.1	30.1
91	27.5	22.3	33.5



#70
 n-Butylbenzene
 Concen: 0.038 ppbv
 RT: 12.290 min Scan# 3770
 Delta R.T. 0.003 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Tgt Ion:	91	Resp:	1713
Ion	Ratio	Lower	Upper
91	100		
92	47.9	43.8	65.6
134	21.7	19.7	29.5

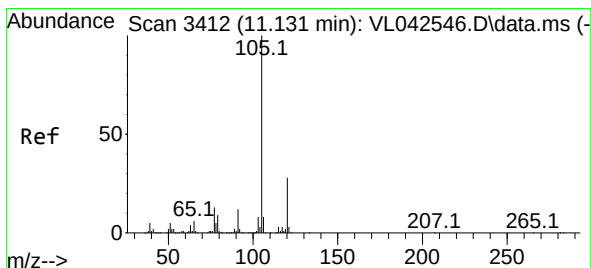
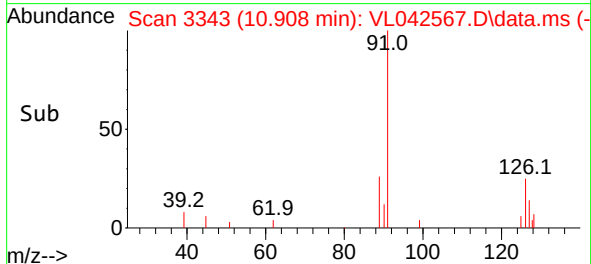
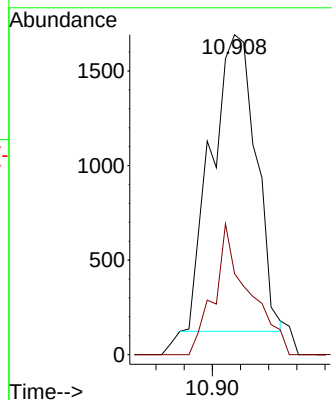
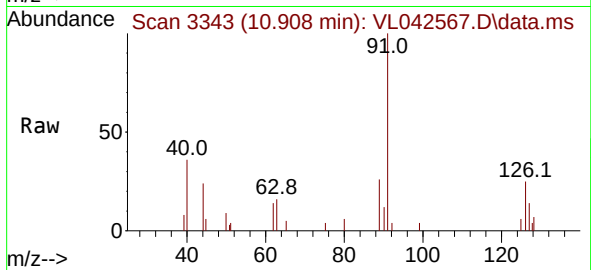




#71
2-Chlorotoluene
Concen: 0.053 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

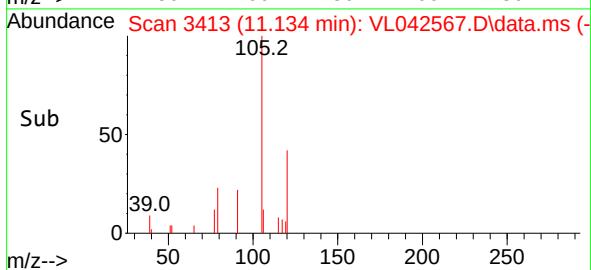
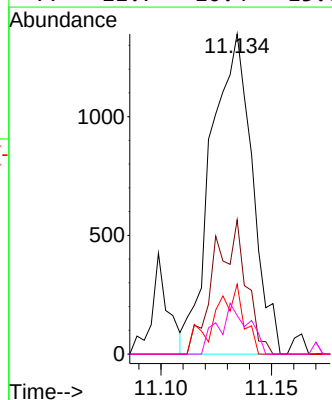
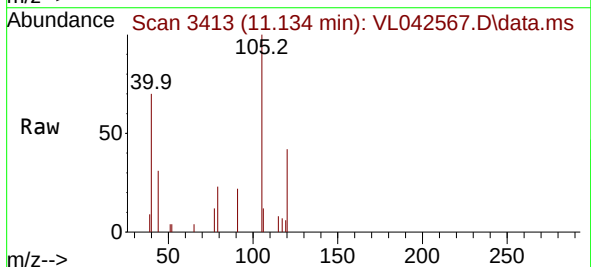
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

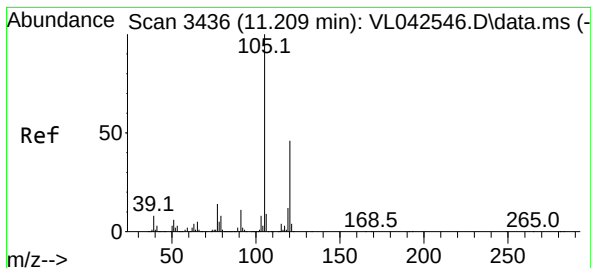
Tgt Ion: 91 Resp: 1731
Ion Ratio Lower Upper
91 100
126 33.9 12.4 49.4



#72
4-Ethyltoluene
Concen: 0.048 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion: 105 Resp: 1738
Ion Ratio Lower Upper
105 100
120 32.8 23.4 35.0
91 15.7 10.2 15.4#
77 11.7 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 0.043 ppbv

RT: 11.212 min Scan# 3436

Delta R.T. 0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

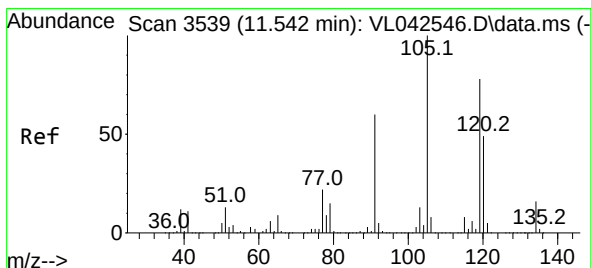
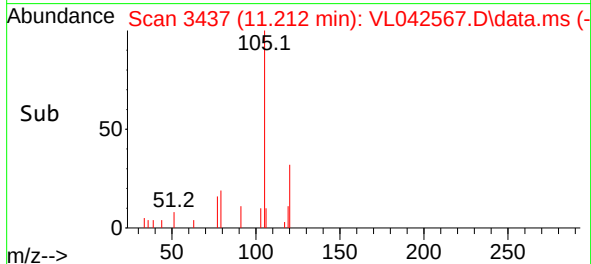
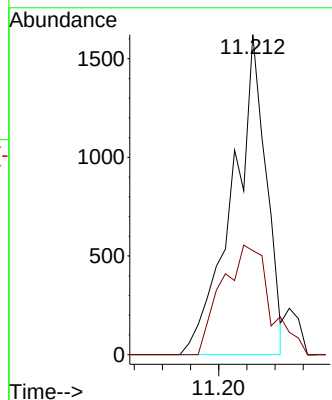
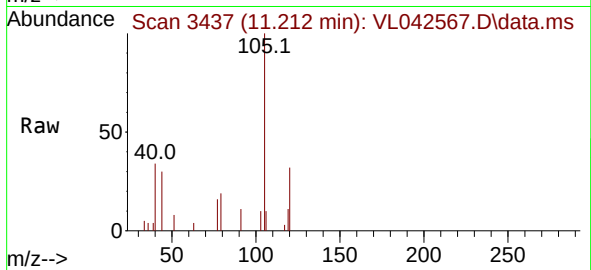
MDL 0.1

Tgt Ion:105 Resp: 1346

Ion Ratio Lower Upper

105 100

120 32.5 36.5 54.7#



#74

1,2,4-Trimethylbenzene

Concen: 0.048 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Tgt Ion:105 Resp: 1814

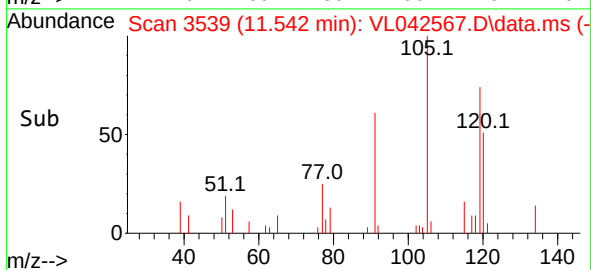
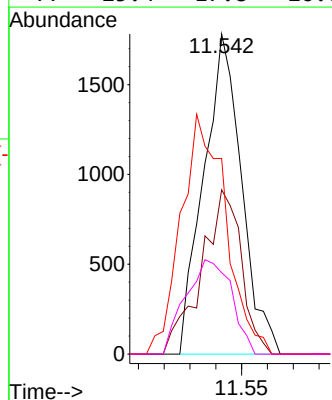
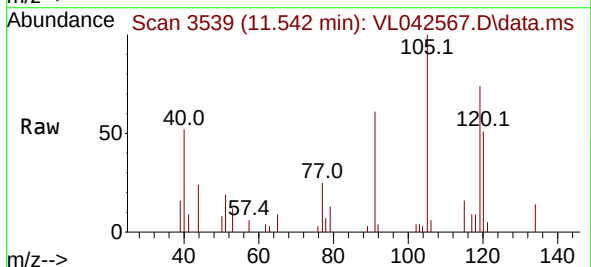
Ion Ratio Lower Upper

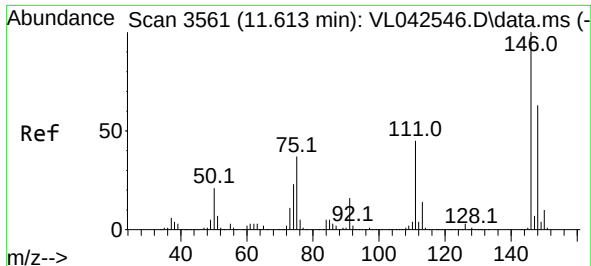
105 100

120 51.3 39.4 59.0

91 61.1 47.8 71.8

77 25.4 17.8 26.6

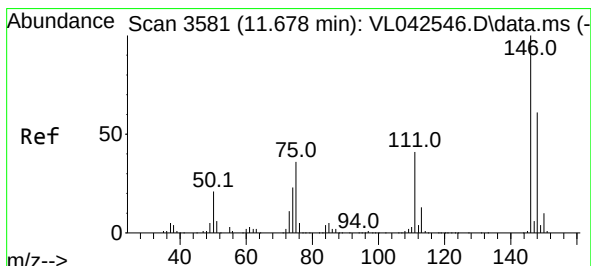
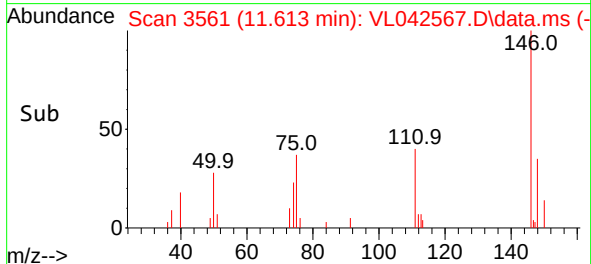
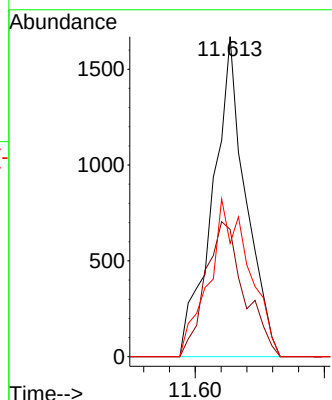
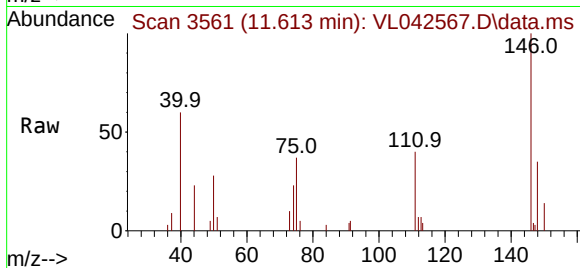




#75
1,3-Dichlorobenzene
Concen: 0.064 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

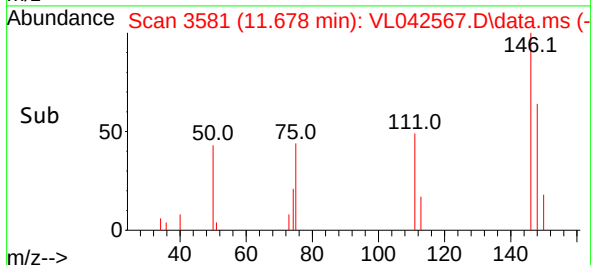
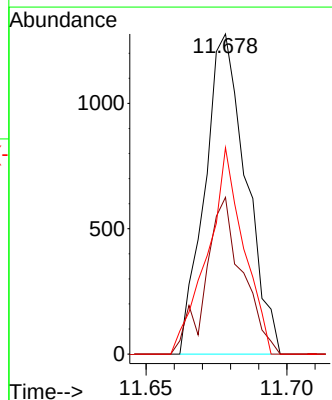
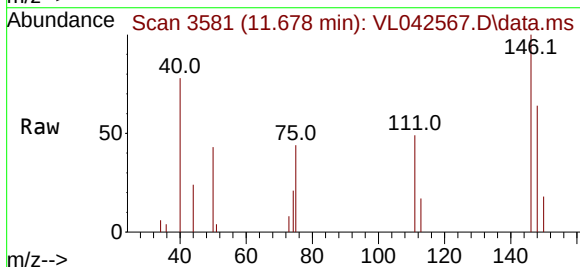
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

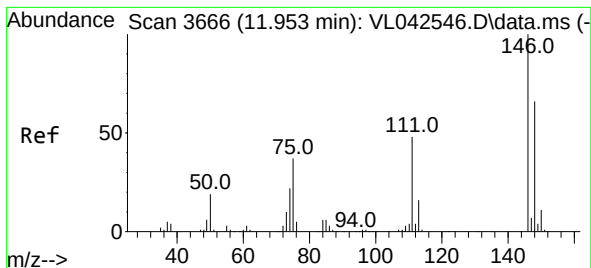
Tgt Ion:146 Resp: 1485
Ion Ratio Lower Upper
146 100
111 49.4 22.8 68.4
148 59.7 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.057 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.000 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

Tgt Ion:146 Resp: 1304
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.3
148 56.4 31.4 94.3





#77

1,2-Dichlorobenzene

Concen: 0.062 ppbv

RT: 11.957 min Scan# 3667

Delta R.T. 0.003 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

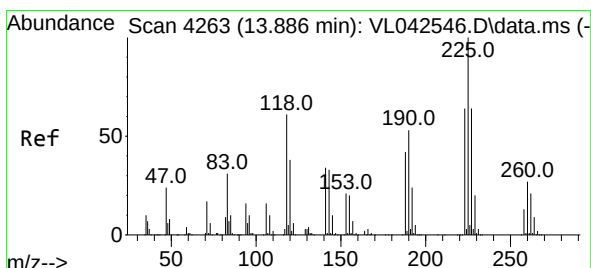
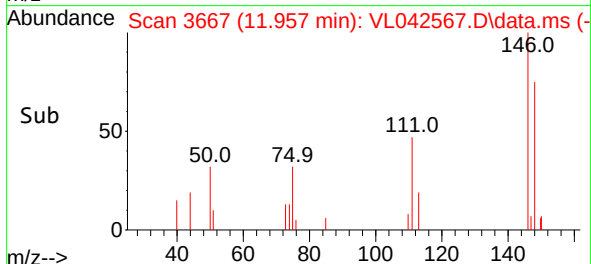
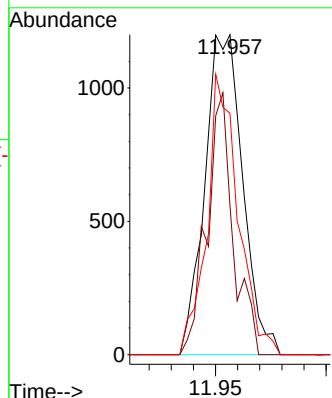
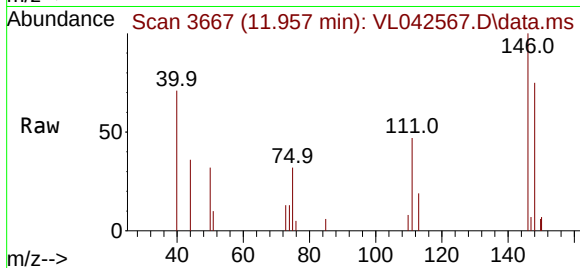
Tgt Ion:146 Resp: 1432

Ion Ratio Lower Upper

146 100

111 56.8 23.7 71.1

148 72.0 32.3 96.9



#78

Hexachloro-1,3-Butadiene

Concen: 0.102 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. -0.000 min

Lab File: VL042567.D

Acq: 21 May 2025 15:49

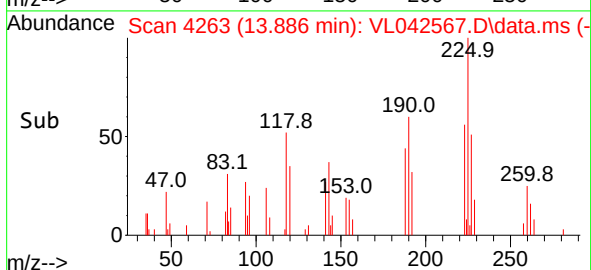
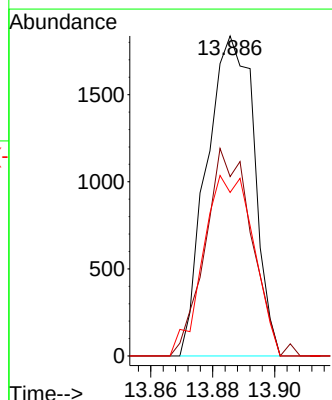
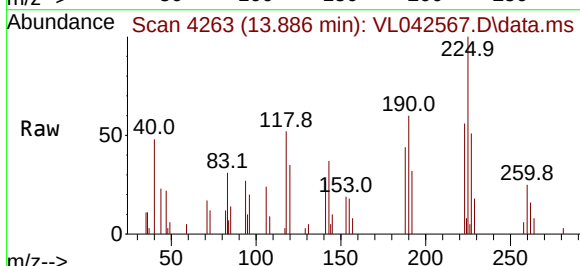
Tgt Ion:225 Resp: 1948

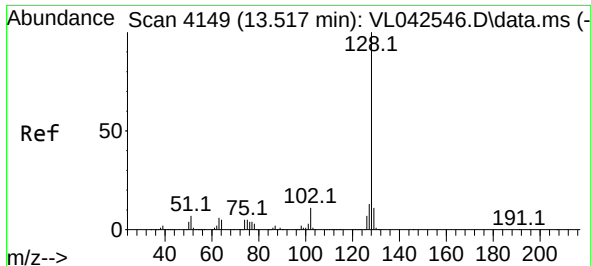
Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.6

227 59.8 50.2 75.4

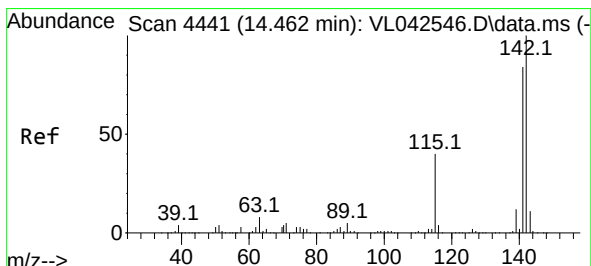
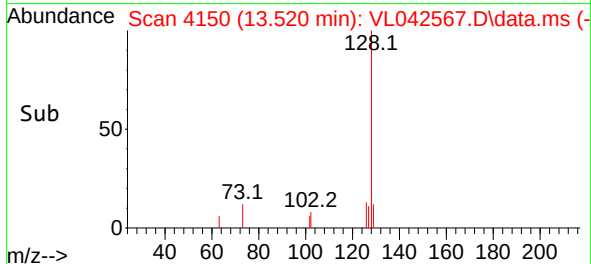
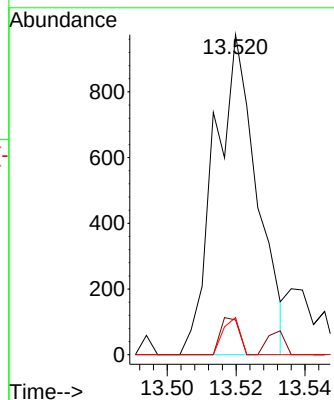
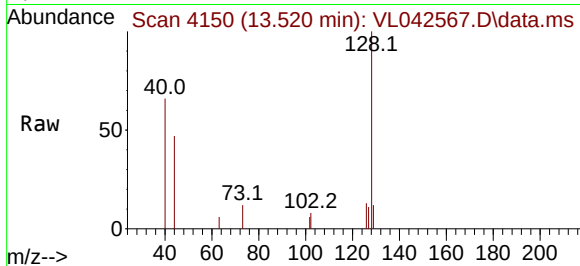




#79
Naphthalene
Concen: 0.029 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

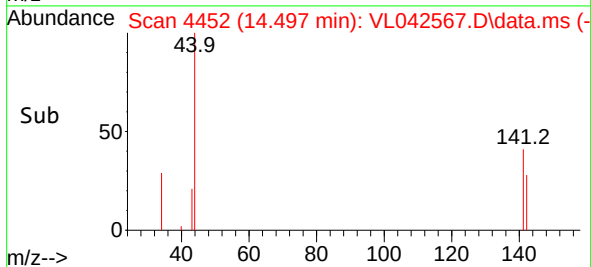
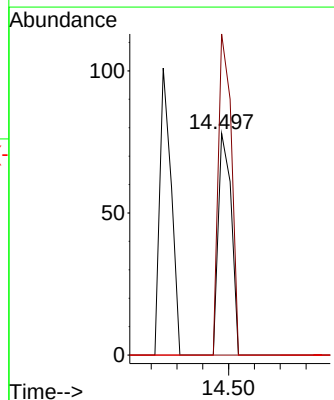
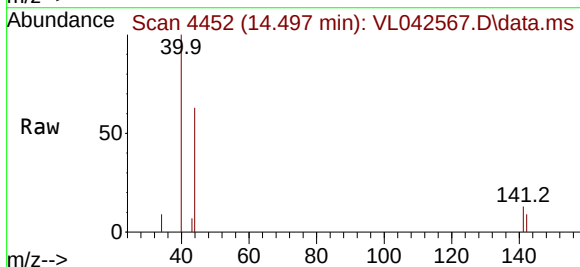
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

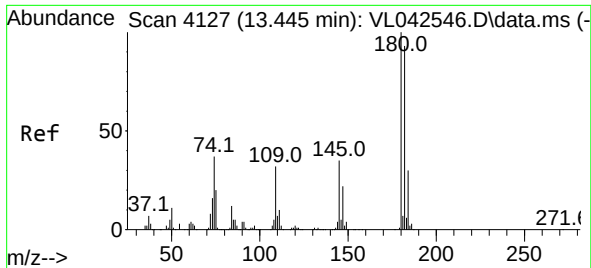
Tgt Ion:128	Resp:	835
Ion Ratio	Lower	Upper
128	100	
127	10.9	10.5 15.7
129	11.6	9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 14.497 min Scan# 4452
Delta R.T. 0.036 min
Lab File: VL042567.D
Acq: 21 May 2025 15:49

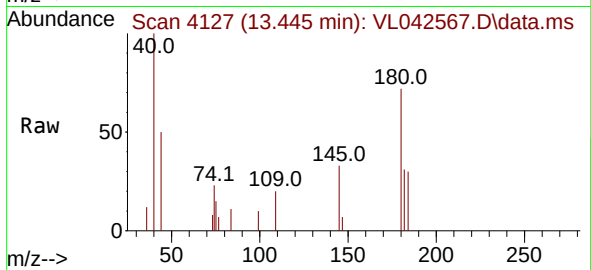
Tgt Ion:142	Resp:	27
Ion Ratio	Lower	Upper
142	100	
141	144.4	67.4 101.0#
115	0.0	31.5 47.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.026 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042567.D
 Acq: 21 May 2025 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:	180	Resp:	441
Ion	Ratio	Lower	Upper
180	100		
182	77.8	75.6	113.4
184	36.7	23.7	35.5#

