

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041763.D
 Acq On : 16 Dec 2024 21:52
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Quant Time: Dec 20 03:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	60563	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	159774	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	141129	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	117349	9.978	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5095	0.473	ppbv	98
3) Chlorodifluoromethane	1.476	51	4117	0.417	ppbv	98
4) Chloromethane	1.534	50	1950	0.462	ppbv #	87
5) Vinyl Chloride	1.580	62	1788	0.421	ppbv	98
6) Bromomethane	1.667	94	899	0.448	ppbv	98
7) Chloroethane	1.703	64	805	0.488	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	4233	0.439	ppbv	95
9) Propene	1.887	41	684	0.160	ppbv	100
10) Heptane	4.985	43	2404	0.219	ppbv #	45
11) Trichlorofluoromethane	1.877	101	5146	0.450	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	3936	0.452	ppbv	98
13) Ethanol	1.719	45	262	0.739	ppbv	97
14) Bromoethene	1.784	108	1195	0.407	ppbv #	83
15) Acetone	1.835	43	6950	0.590	ppbv	96
16) 1,3-Butadiene	1.609	39	2096	0.452	ppbv	94
17) tert-Butyl alcohol	2.042	59	5049	0.432	ppbv #	90
18) 1,1-Dichloroethene	2.036	96	1660	0.455	ppbv	86
19) Isopropyl Alcohol	1.887	45	4291	0.607	ppbv #	38
20) Methylene Chloride	2.062	84	1862	0.554	ppbv	89
21) Allyl Chloride	2.097	41	2831	0.443	ppbv	95
22) trans-1,2-Dichloroethene	2.036	96	1660	0.397	ppbv	99
23) Vinyl Acetate	2.463	43	1841	0.336	ppbv #	80
24) 1,1-Dichloroethane	2.411	63	3825	0.452	ppbv #	94
25) Ethyl Acetate	2.839	43	9296	0.424	ppbv	98
26) Hexane	2.826	57	3181	0.382	ppbv	84
27) Carbon Disulfide	2.152	76	2200	0.293	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2766	0.410	ppbv	99
29) Chloroform	2.852	83	5746	0.453	ppbv	99
30) Cyclohexane	3.865	84	1721	0.243	ppbv #	36
31) cis-1,2-Dichloroethene	2.719	61	3595	0.418	ppbv	89
32) 1,1,1-Trichloroethane	3.369	97	4905	0.381	ppbv	92
34) 2-Butanone	2.560	43	5881	0.458	ppbv	100
35) Carbon Tetrachloride	3.764	117	4393	0.387	ppbv	98
36) Benzene	3.658	78	6985	0.423	ppbv	94
37) 1,2-Dichloroethane	3.217	62	4760	0.463	ppbv #	96
38) Trichloroethene	4.548	130	1643	0.234	ppbv #	90
39) 1,2-Dichloropropane	4.308	63	821	0.137	ppbv	91
40) 1,4-Dioxane	4.606	88	614	0.210	ppbv #	27
41) Tetrahydrofuran	3.072	42	2545	0.353	ppbv	95
42) Bromodichloromethane	4.489	83	2370	0.200	ppbv #	87
43) Methyl Methacrylate	4.881	69	1575	0.250	ppbv #	40
44) 2,2,4-Trimethylpentane	4.645	57	5644	0.200	ppbv #	35
45) t-1,3-Dichloropropene	6.412	75	527	0.081	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

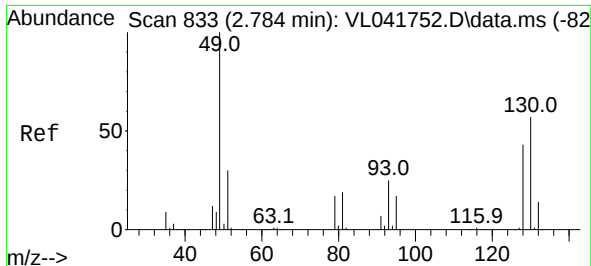
Quant Time: Dec 20 03:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	230	0.028	ppbv	94
47) 1,1,2-Trichloroethane	6.583	97	821	0.131	ppbv #	60
48) Dibromochloromethane	7.393	129	2633	0.309	ppbv	95
49) Bromoform	9.490	173	1986	0.285	ppbv	93
50) 4-Methyl-2-Pentanone	5.774	43	3908	0.223	ppbv #	41
51) 2-Hexanone	7.451	43	2507	0.177	ppbv #	31
52) Tetrachloroethene	8.228	164	2497	0.406	ppbv	90
53) Toluene	6.936	91	5760	0.307	ppbv #	79
54) 1,2-Dibromoethane	7.655	107	1919	0.223	ppbv	82
56) 1,1,1,2-Tetrachloroethane	8.924	131	3128	0.418	ppbv #	1
57) Chlorobenzene	8.927	112	6380	0.442	ppbv #	87
58) Ethyl Benzene	9.360	91	9390	0.370	ppbv	92
59) m/p-Xylene	9.551	91	7065	0.346	ppbv #	100
60) o-Xylene	9.969	91	3469	0.169	ppbv #	6
61) Styrene	9.875	104	2611	0.295	ppbv	96
62) Isopropylbenzene	10.542	105	11584	0.376	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	5185	0.404	ppbv	98
64) n-propylbenzene	10.995	120	2616	0.336	ppbv	89
65) tert-Butylbenzene	11.536	119	10422	0.375	ppbv	96
66) Benzyl Chloride	11.616	91	760	0.311	ppbv #	83
67) sec-Butylbenzene	11.769	105	14503	0.377	ppbv	95
69) p-Isopropyltoluene	11.930	119	10524	0.332	ppbv	97
70) n-Butylbenzene	12.286	91	9991	0.327	ppbv	96
71) 2-Chlorotoluene	10.901	91	8740	0.372	ppbv	99
72) 4-Ethyltoluene	11.128	105	8385	0.347	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	6863	0.342	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	7498	0.348	ppbv #	86
75) 1,3-Dichlorobenzene	11.610	146	5973	0.434	ppbv	94
76) 1,4-Dichlorobenzene	11.675	146	5780	0.425	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	5668	0.428	ppbv	97
78) Hexachloro-1,3-Butadiene	13.885	225	4193	0.427	ppbv	95
79) Naphthalene	13.516	128	3904	0.260	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	403	0.087	ppbv #	85
81) 1,2,4-Trichlorobenzene	13.442	180	2717	0.331	ppbv	97

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

Quant Time: Dec 20 03:31:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

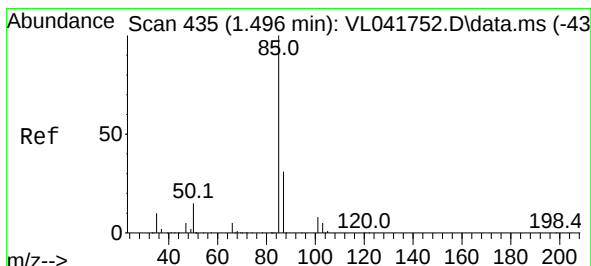
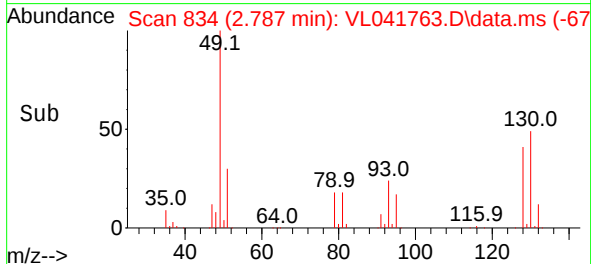
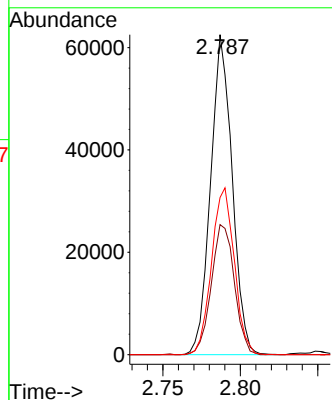
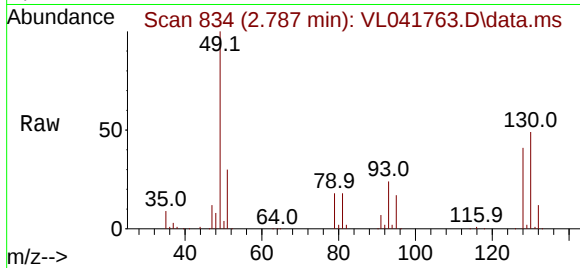




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

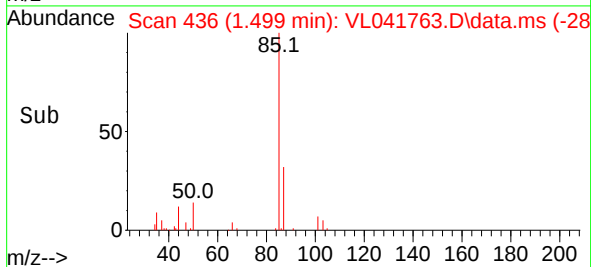
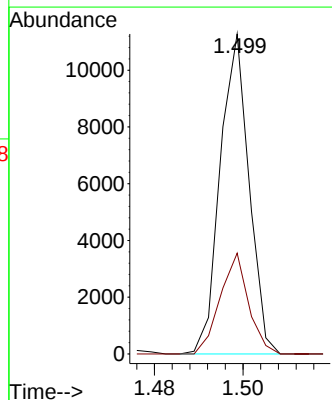
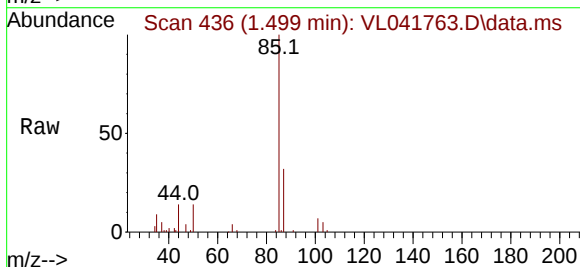
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MSVOA_1
ClientSampleId :
MDL 0.4

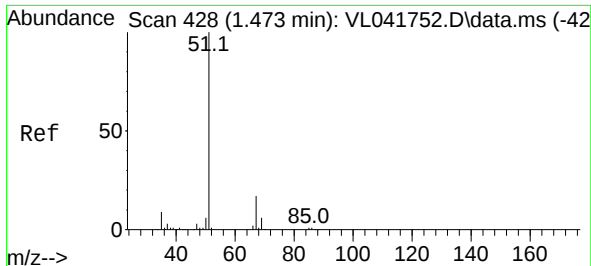
Tgt Ion: 49 Resp: 60563
Ion Ratio Lower Upper
49 100
128 43.5 21.6 64.6
130 55.0 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.473 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 85 Resp: 5095
Ion Ratio Lower Upper
85 100
87 31.5 24.5 36.7

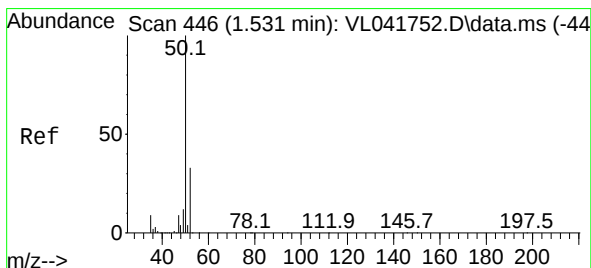
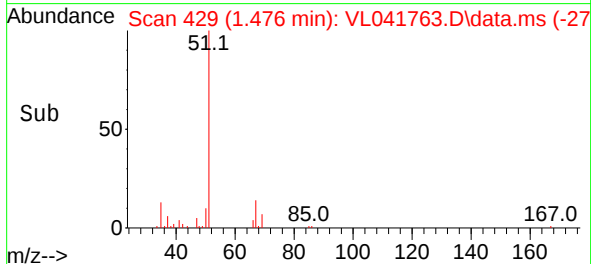
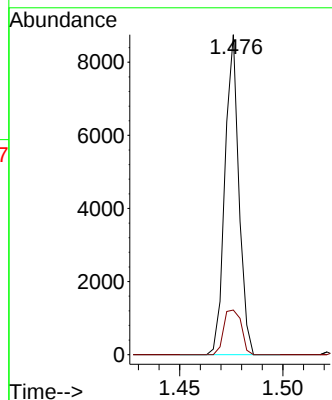
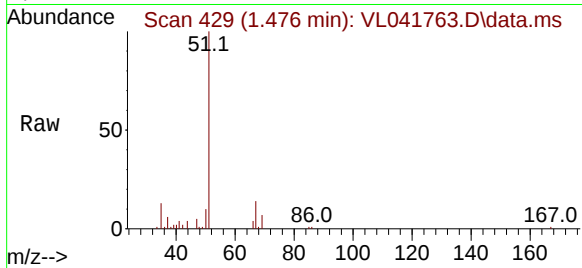




#3
Chlorodifluoromethane
Concen: 0.417 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

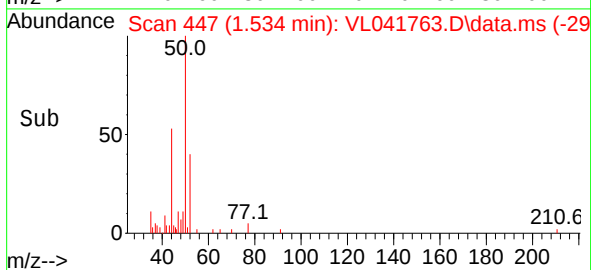
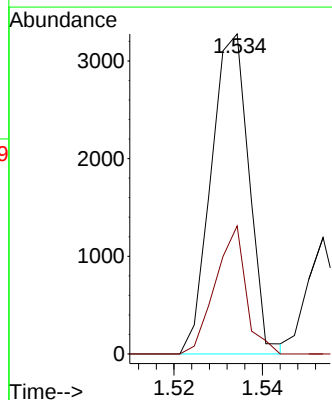
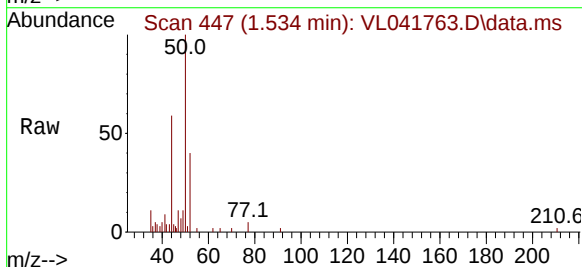
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

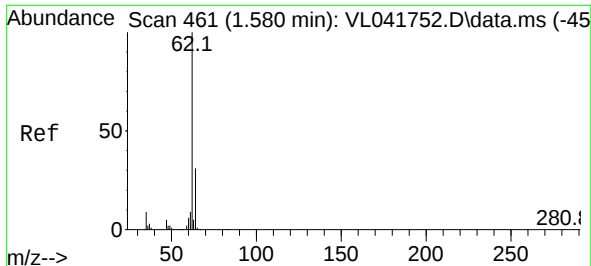
Tgt Ion: 51 Resp: 4117
Ion Ratio Lower Upper
51 100
67 17.6 15.0 22.4



#4
Chloromethane
Concen: 0.462 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 50 Resp: 1950
Ion Ratio Lower Upper
50 100
52 40.0 26.2 39.2#

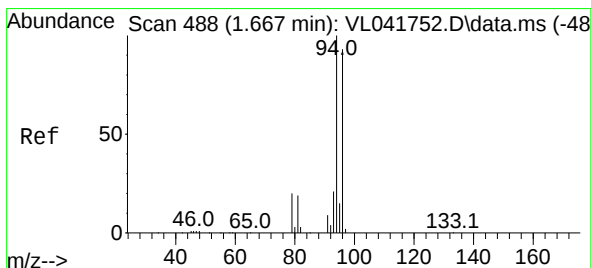
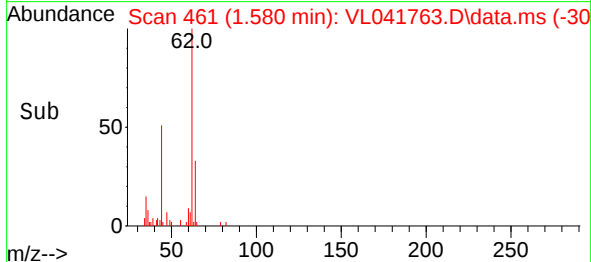
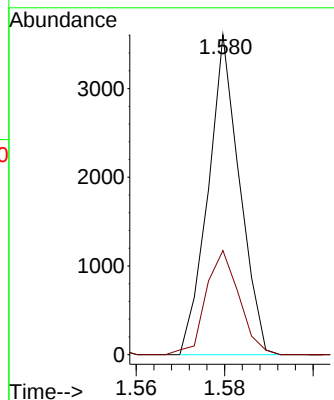
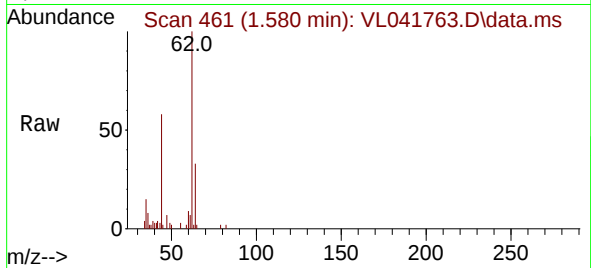




#5
 Vinyl Chloride
 Concen: 0.421 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

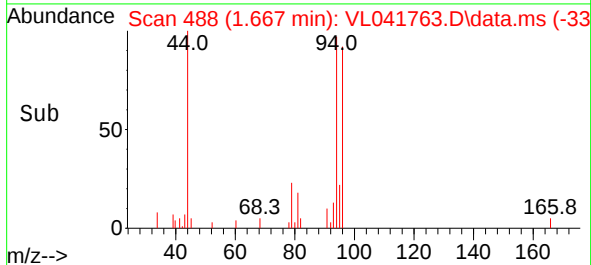
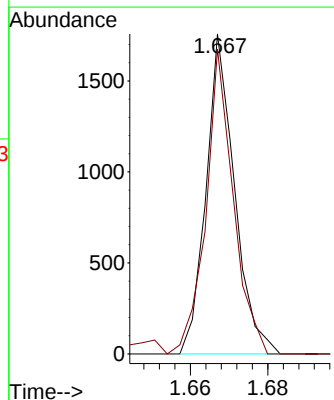
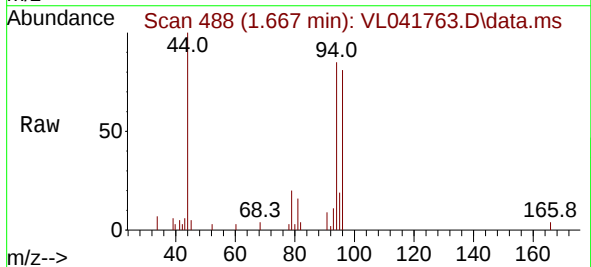
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

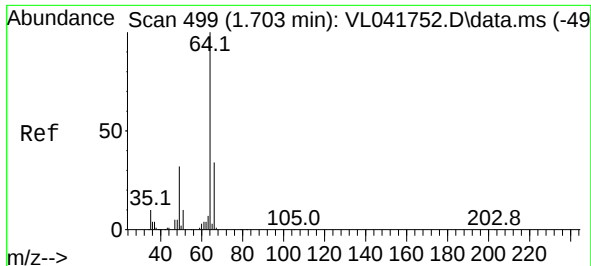
Tgt Ion: 62 Resp: 1788
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 37.7



#6
 Bromomethane
 Concen: 0.448 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

Tgt Ion: 94 Resp: 899
 Ion Ratio Lower Upper
 94 100
 96 95.3 74.7 112.1

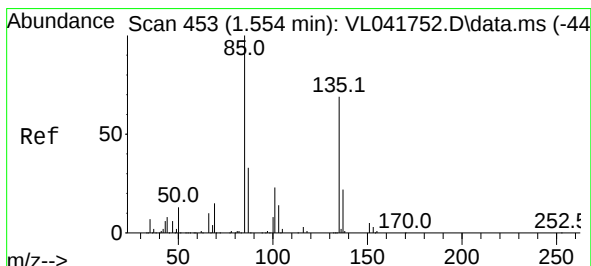
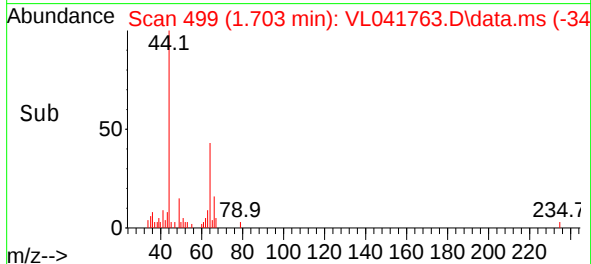
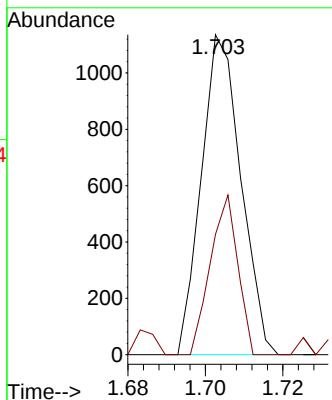
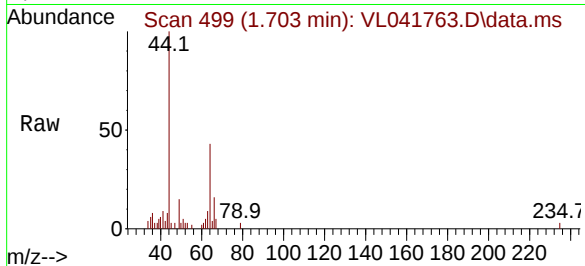




#7
Chloroethane
Concen: 0.488 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

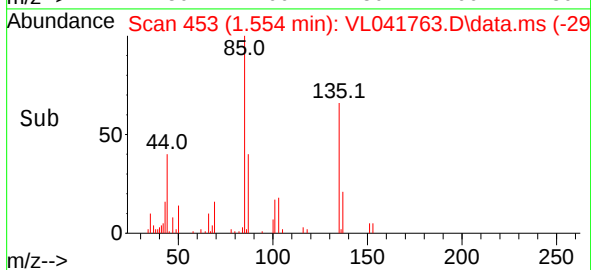
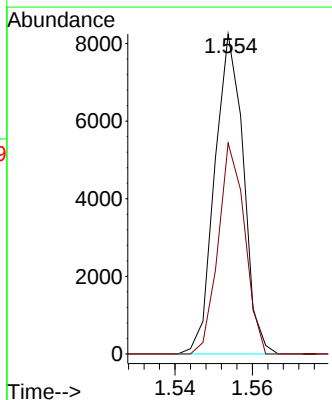
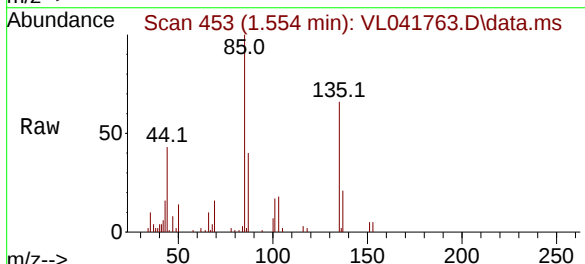
Instrument :
MSVOA_1
ClientSampleId :
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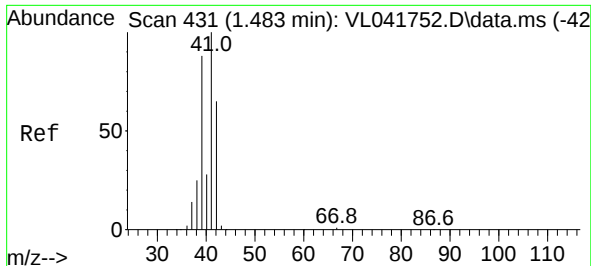
Tgt Ion: 64 Resp: 805
Ion Ratio Lower Upper
64 100
66 37.6 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.439 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 85 Resp: 4233
Ion Ratio Lower Upper
85 100
135 61.1 51.9 77.9





#9

Propene

Concen: 0.160 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.404 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

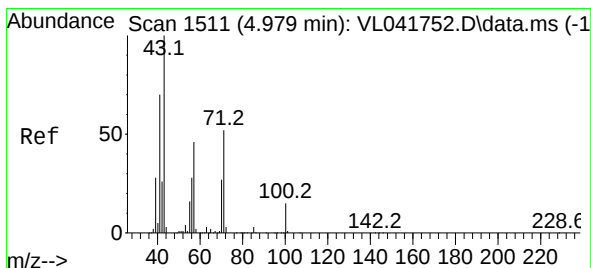
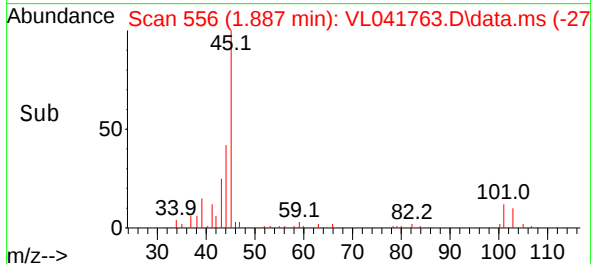
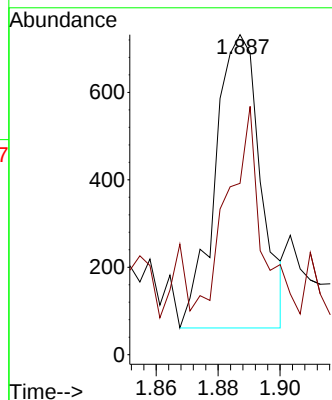
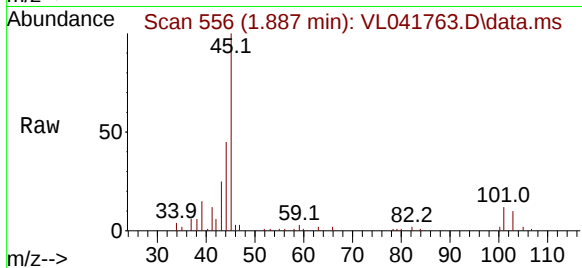
MDL 0.4

Tgt Ion: 41 Resp: 684

Ion Ratio Lower Upper

41 100

42 65.5 52.4 78.6



#10

Heptane

Concen: 0.219 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VL041763.D

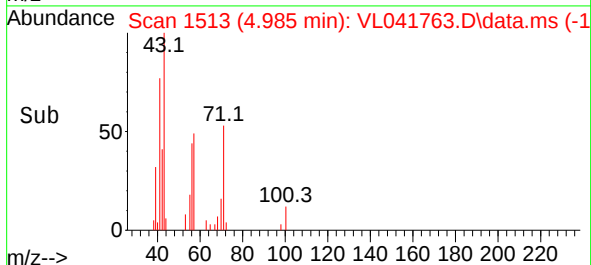
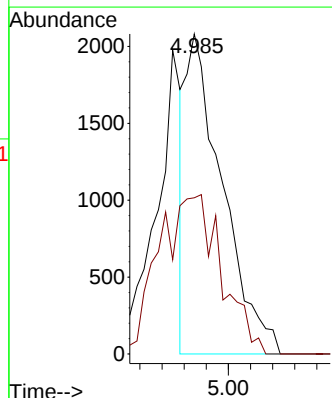
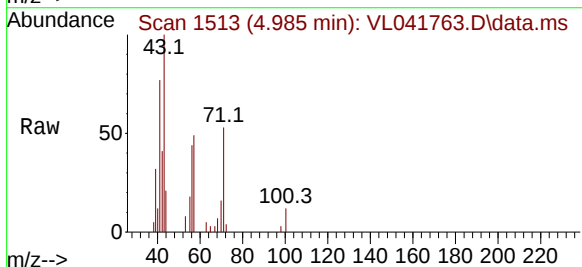
Acq: 16 Dec 2024 21:52

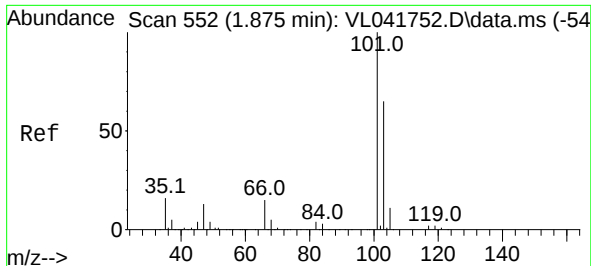
Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

57 85.6 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.450 ppbv

RT: 1.877 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

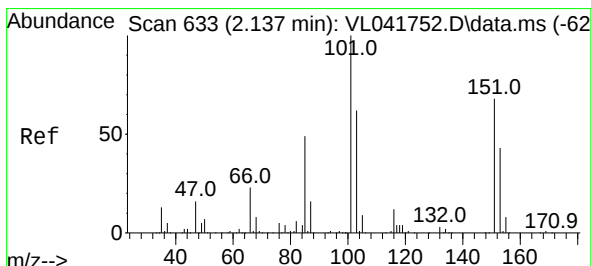
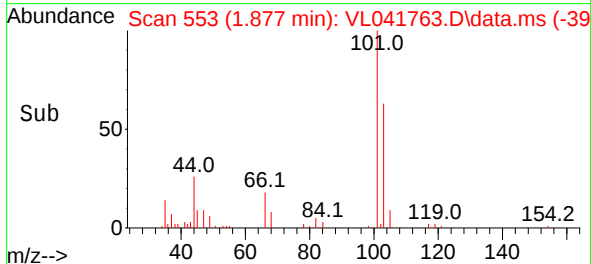
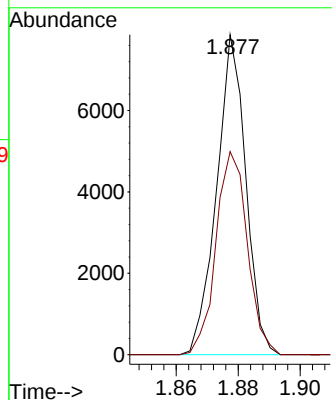
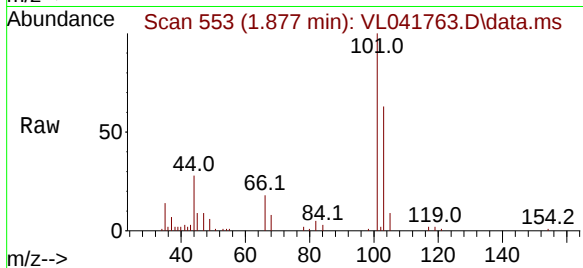
MDL 0.4

Tgt Ion:101 Resp: 5146

Ion Ratio Lower Upper

101 100

103 63.4 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.452 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041763.D

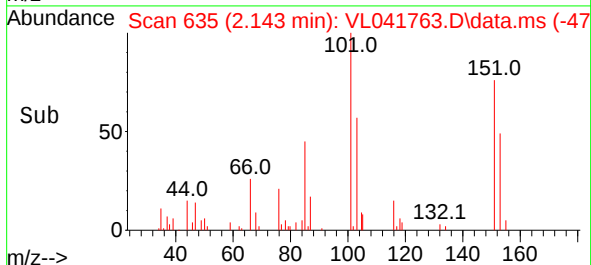
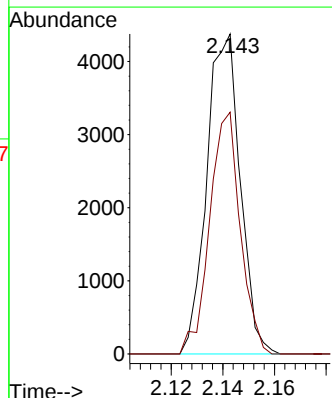
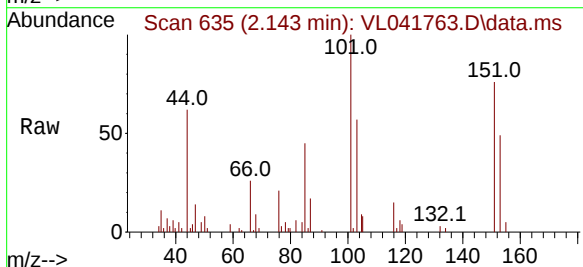
Acq: 16 Dec 2024 21:52

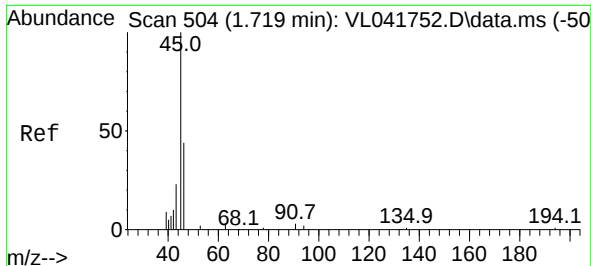
Tgt Ion:101 Resp: 3936

Ion Ratio Lower Upper

101 100

151 69.2 56.8 85.2





#13

Ethanol

Concen: 0.739 ppbv

RT: 1.719 min Scan# 504

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

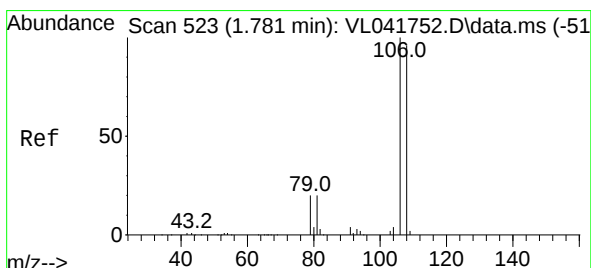
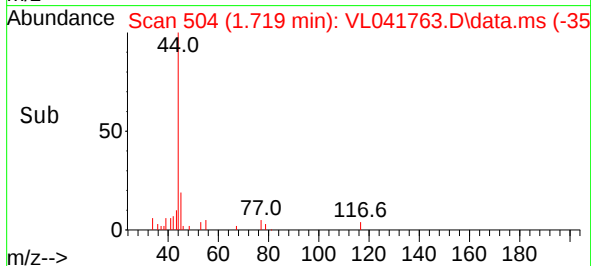
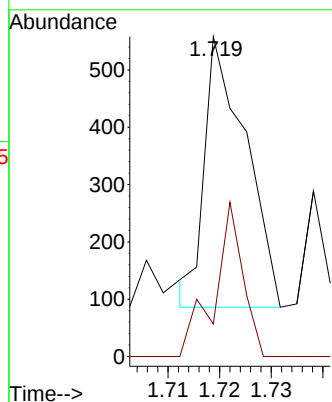
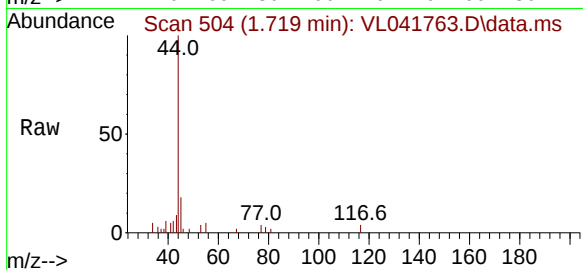
MDL 0.4

Tgt Ion: 45 Resp: 262

Ion Ratio Lower Upper

45 100

46 39.3 16.4 65.8



#14

Bromoethene

Concen: 0.407 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

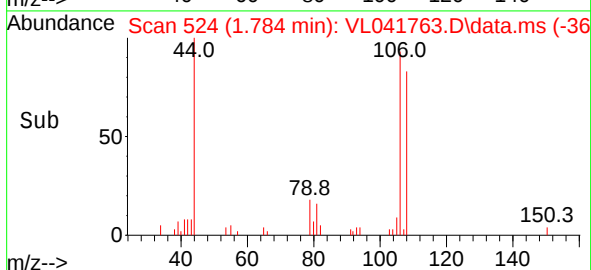
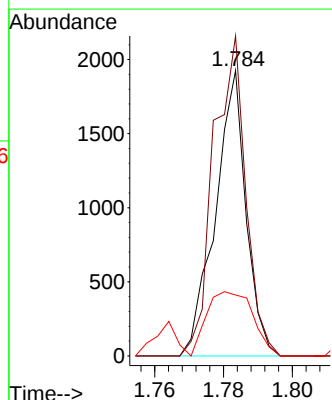
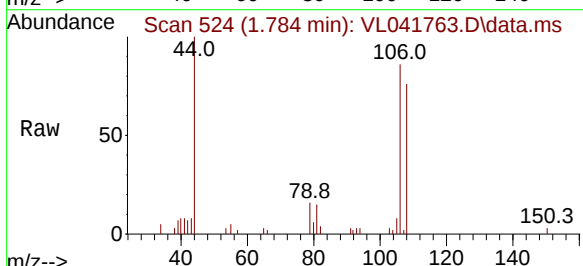
Tgt Ion:108 Resp: 1195

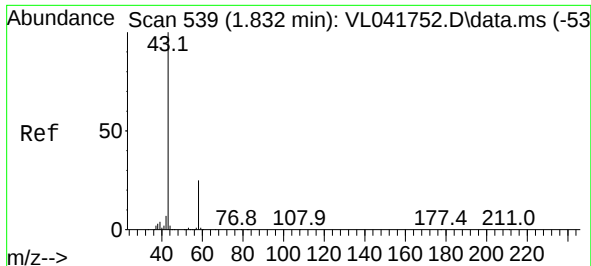
Ion Ratio Lower Upper

108 100

106 116.7 84.1 126.1

79 43.5 17.4 26.0#





#15

Acetone

Concen: 0.590 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

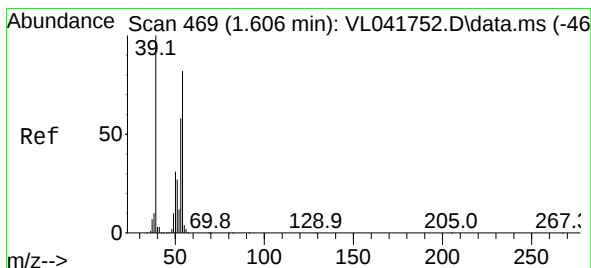
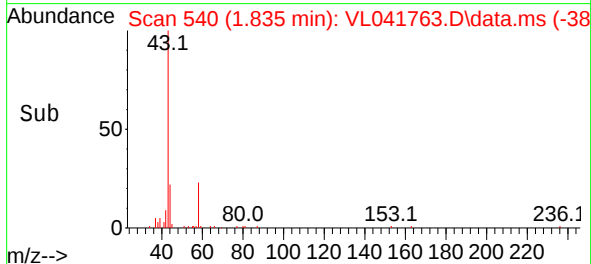
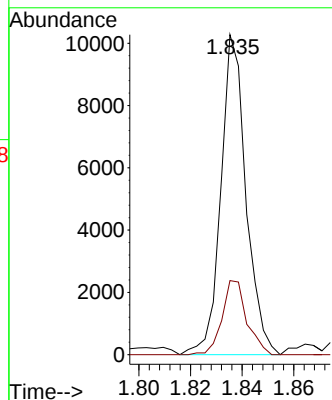
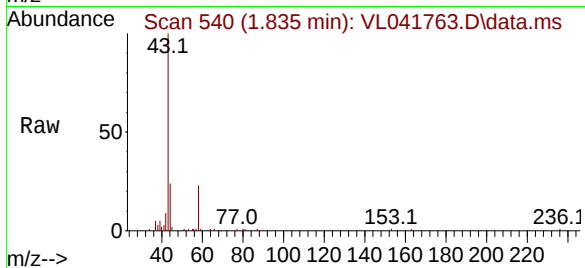
MDL 0.4

Tgt Ion: 43 Resp: 6950

Ion Ratio Lower Upper

43 100

58 22.7 19.7 29.5



#16

1,3-Butadiene

Concen: 0.452 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041763.D

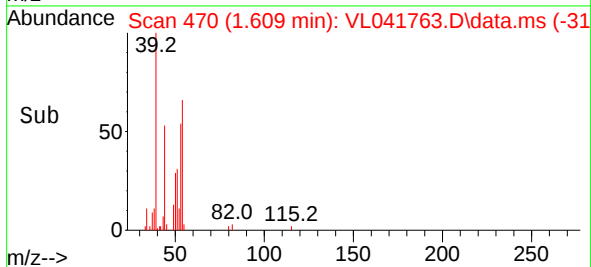
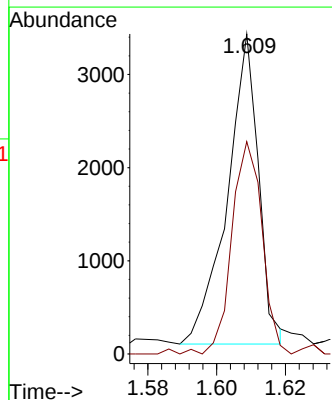
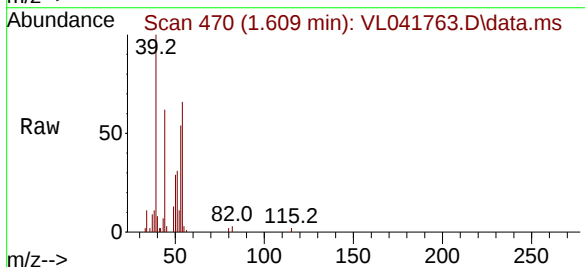
Acq: 16 Dec 2024 21:52

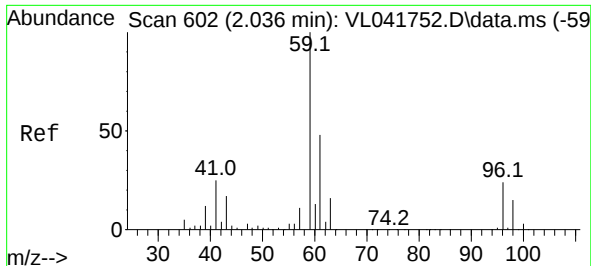
Tgt Ion: 39 Resp: 2096

Ion Ratio Lower Upper

39 100

54 68.1 58.4 87.6

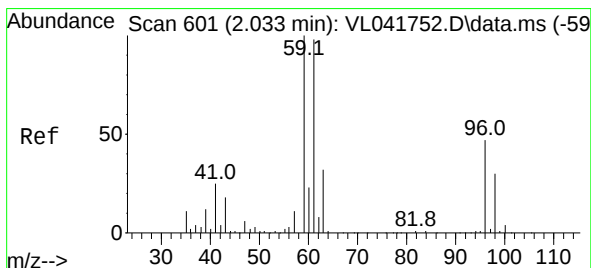
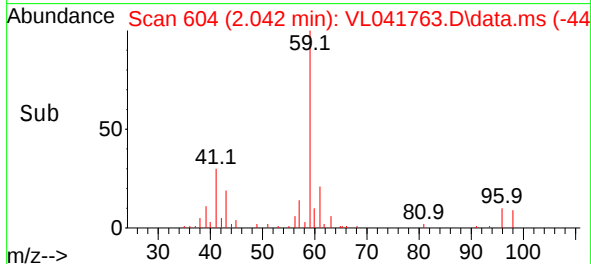
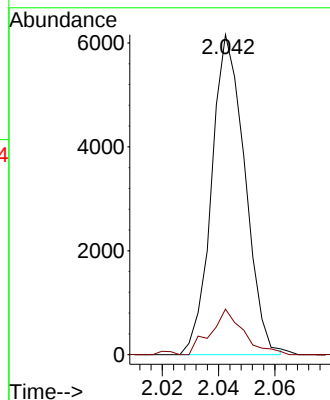
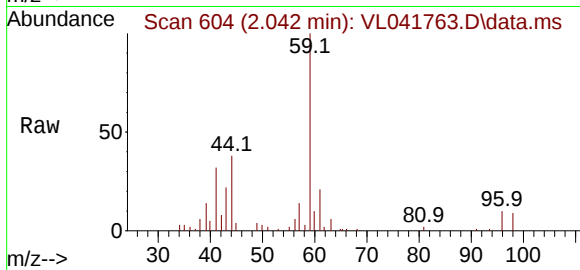




#17
tert-Butyl alcohol
Concen: 0.432 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

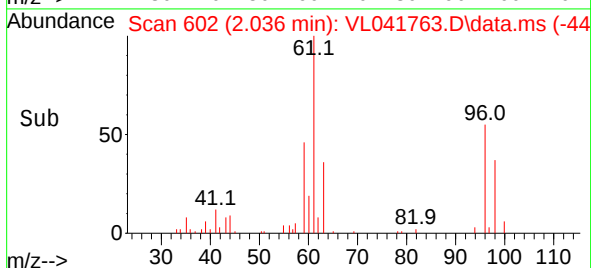
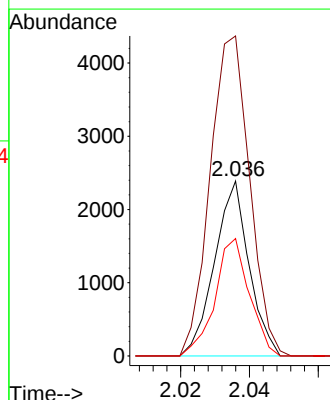
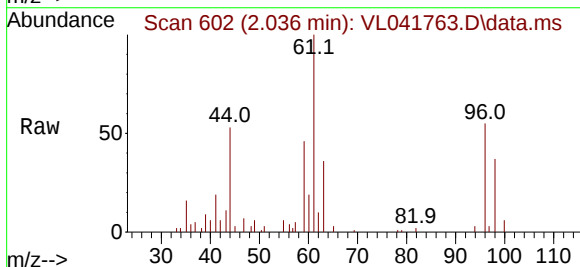
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.4

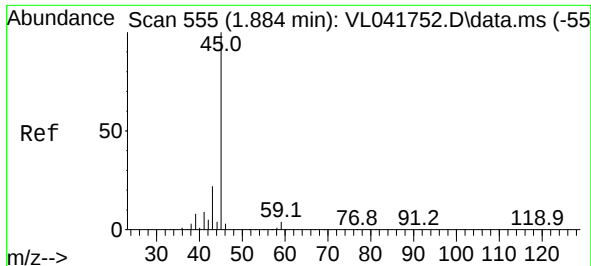
Tgt Ion: 59 Resp: 5049
Ion Ratio Lower Upper
59 100
57 14.6 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.455 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 96 Resp: 1660
Ion Ratio Lower Upper
96 100
61 182.9 167.7 251.5
98 67.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.607 ppbv

RT: 1.887 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

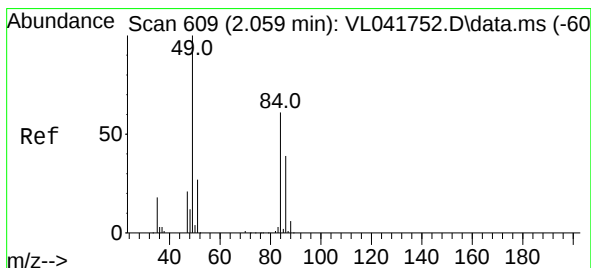
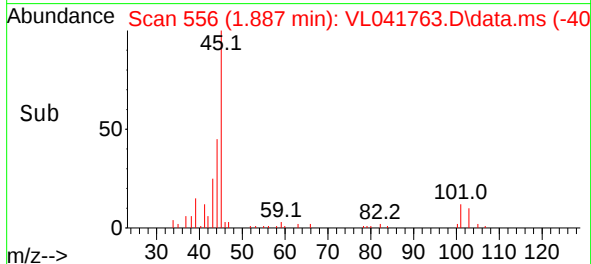
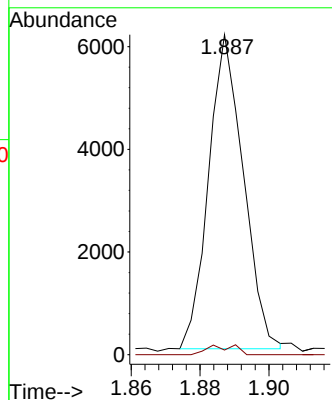
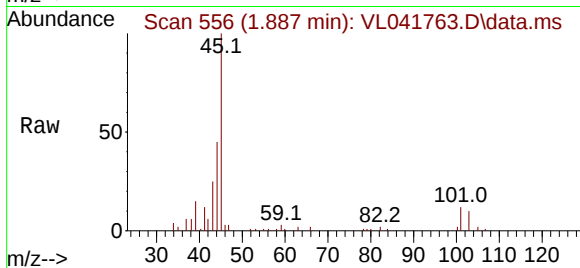
MDL 0.4

Tgt Ion: 45 Resp: 4291

Ion Ratio Lower Upper

45 100

58 2.4 33.3 49.9#



#20

Methylene Chloride

Concen: 0.554 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 84 Resp: 1862

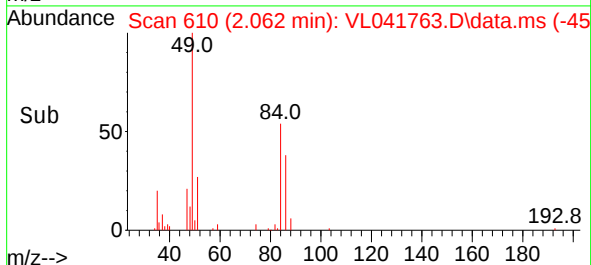
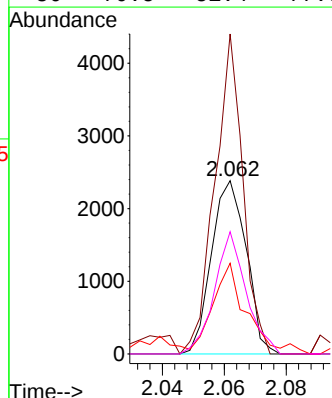
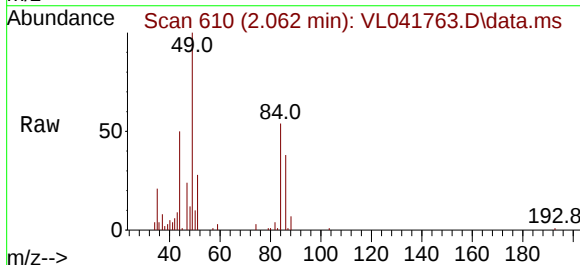
Ion Ratio Lower Upper

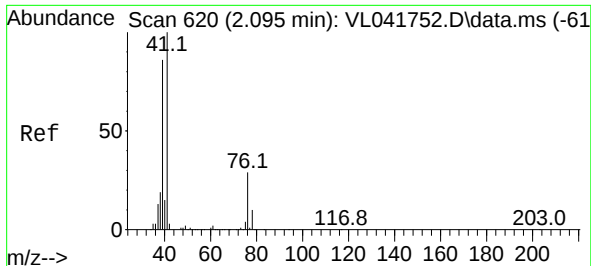
84 100

49 184.6 132.6 198.8

51 49.0 37.6 56.4

86 70.5 51.4 77.0





#21

Allyl Chloride

Concen: 0.443 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

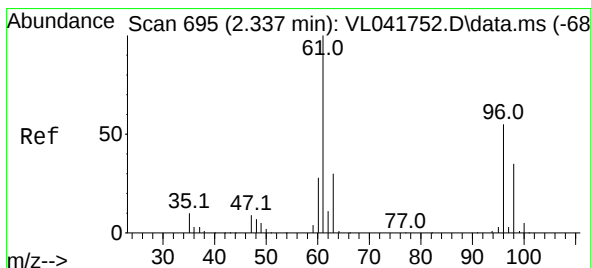
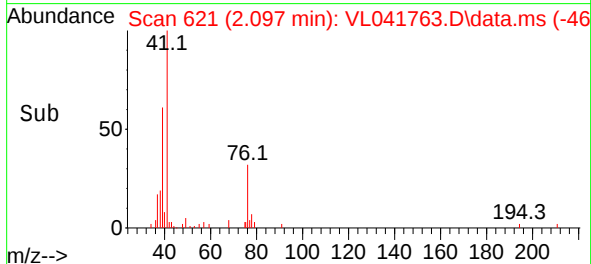
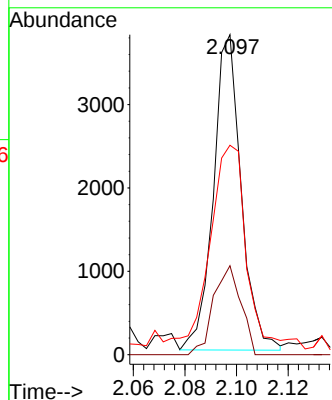
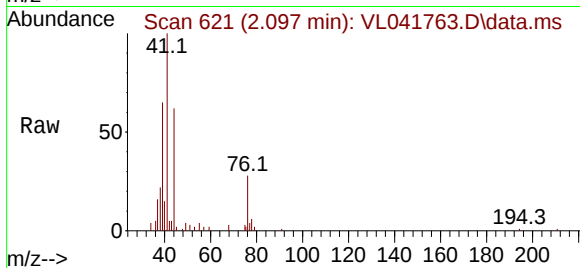
Tgt Ion: 41 Resp: 2831

Ion Ratio Lower Upper

41 100

76 27.7 22.3 33.5

39 92.7 69.2 103.8



#22

trans-1,2-Dichloroethene

Concen: 0.397 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.301 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

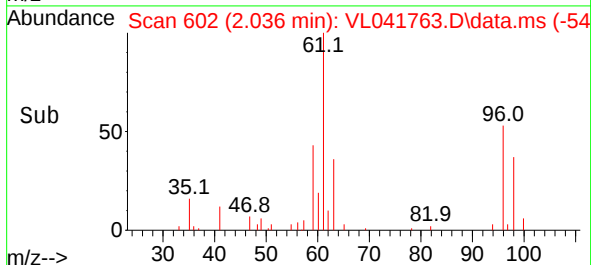
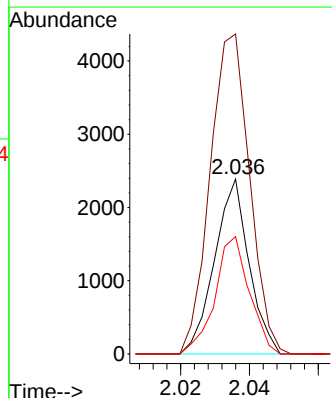
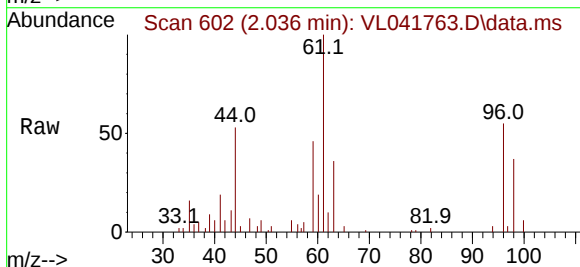
Tgt Ion: 96 Resp: 1660

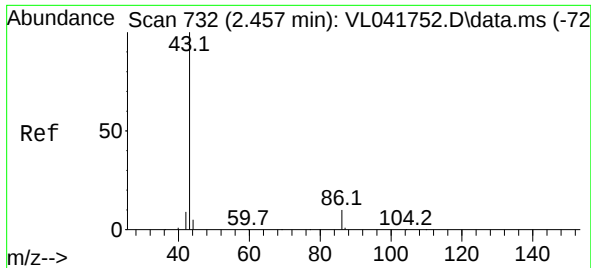
Ion Ratio Lower Upper

96 100

61 182.9 146.3 219.5

98 67.1 50.8 76.2

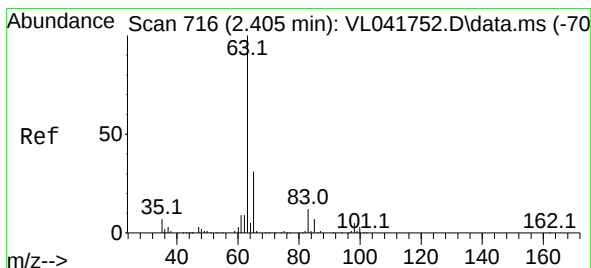
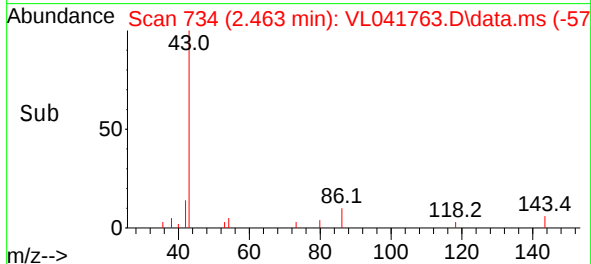
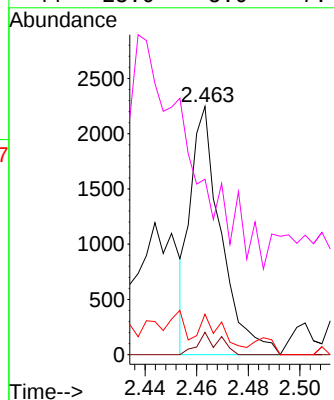
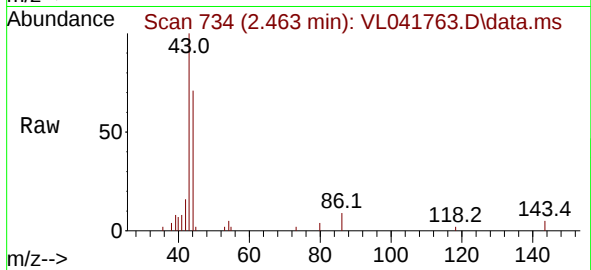




#23
 Vinyl Acetate
 Concen: 0.336 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

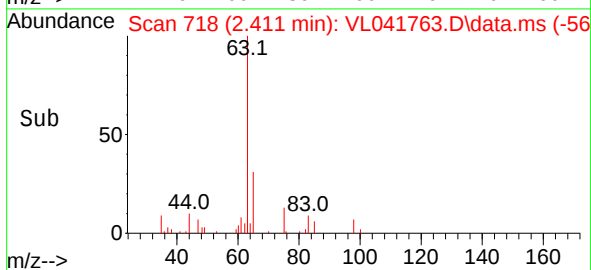
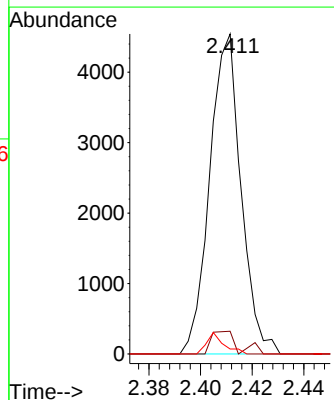
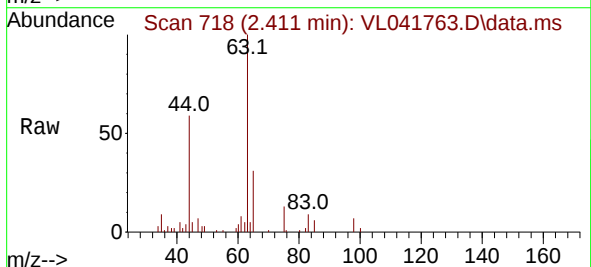
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.4

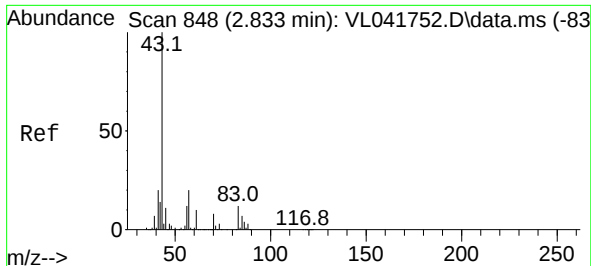
Tgt Ion:	43	Resp:	1841
Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.6	10.0
42	16.3	8.2	12.2#
44	23.0	5.0	7.4#



#24
 1,1-Dichloroethane
 Concen: 0.452 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041763.D
 Acq: 16 Dec 2024 21:52

Tgt Ion:	63	Resp:	3825
Ion	Ratio	Lower	Upper
63	100		
98	7.1	2.3	6.8#
100	1.6	1.4	4.2





#25

Ethyl Acetate

Concen: 0.424 ppbv

RT: 2.839 min Scan# 848

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 9296

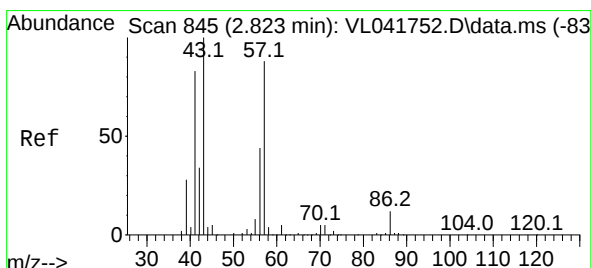
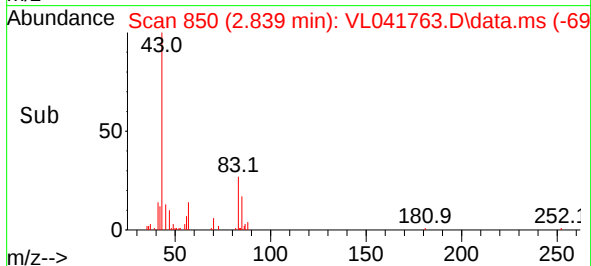
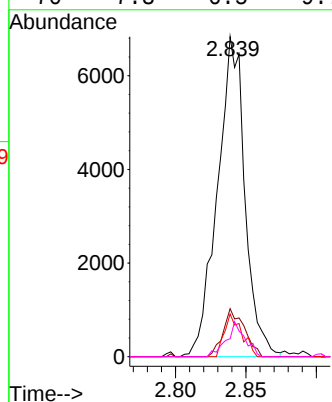
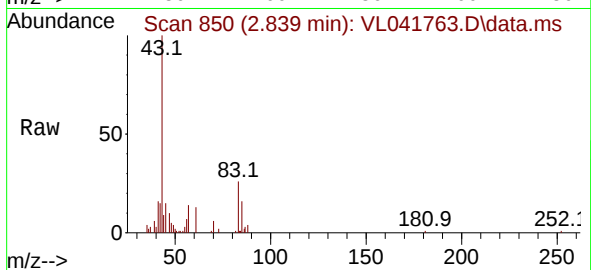
Ion Ratio Lower Upper

43 100

45 11.5 8.1 12.1

61 8.5 7.0 10.6

70 7.3 6.5 9.7



#26

Hexane

Concen: 0.382 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 57 Resp: 3181

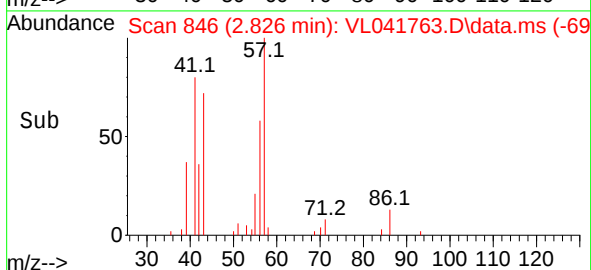
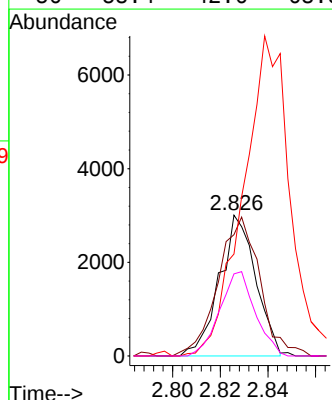
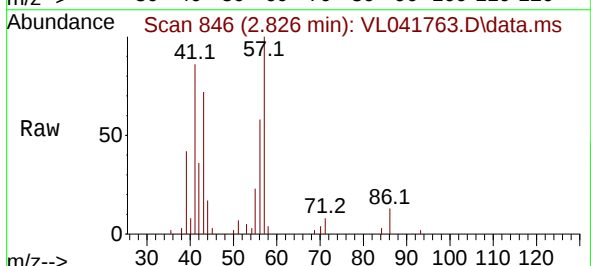
Ion Ratio Lower Upper

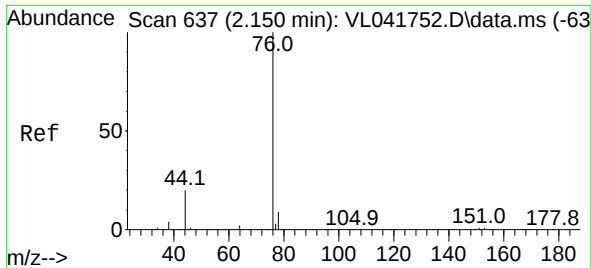
57 100

41 114.4 79.6 119.4

43 296.4 211.0 316.6

56 58.4 42.6 63.8





#27

Carbon Disulfide

Concen: 0.293 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

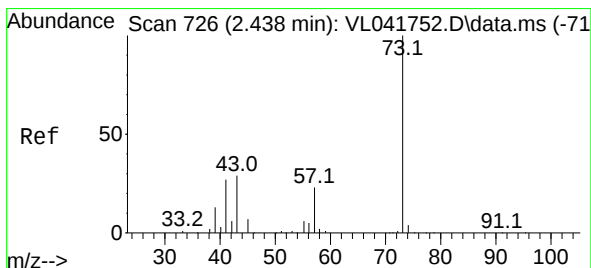
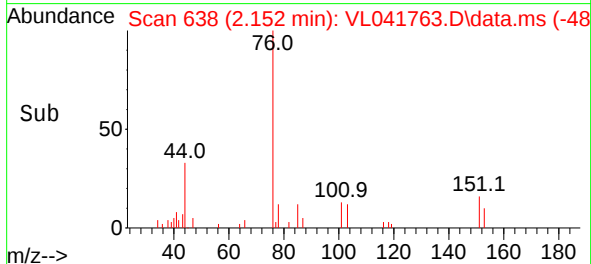
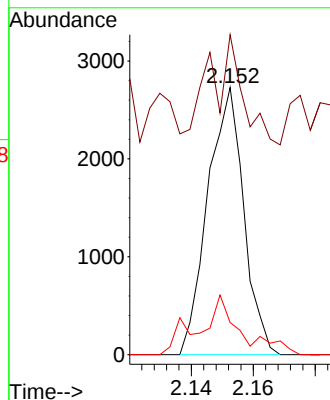
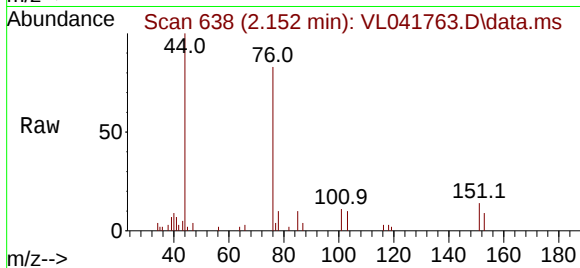
Tgt Ion: 76 Resp: 2200

Ion Ratio Lower Upper

76 100

44 221.0 17.6 26.4#

78 25.9 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.410 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL041763.D

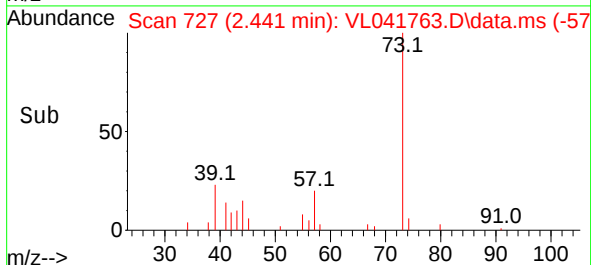
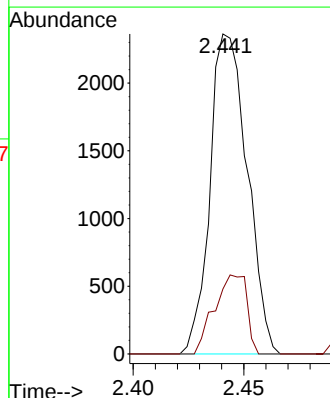
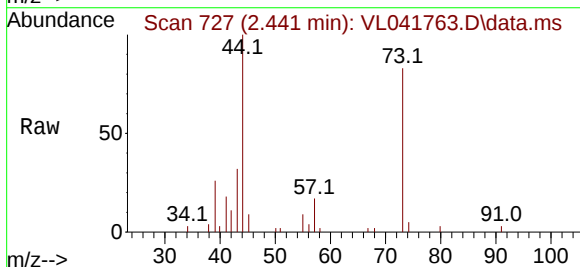
Acq: 16 Dec 2024 21:52

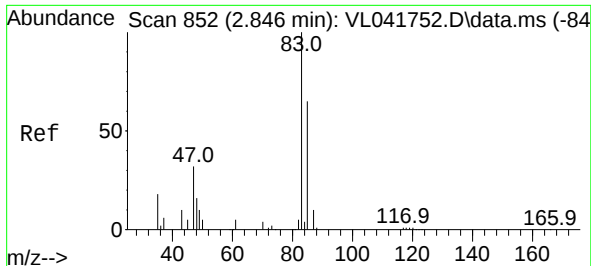
Tgt Ion: 73 Resp: 2766

Ion Ratio Lower Upper

73 100

57 21.5 17.6 26.4





#29

Chloroform

Concen: 0.453 ppbv

RT: 2.852 min Scan# 85

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

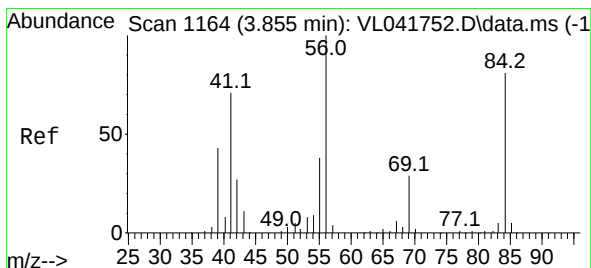
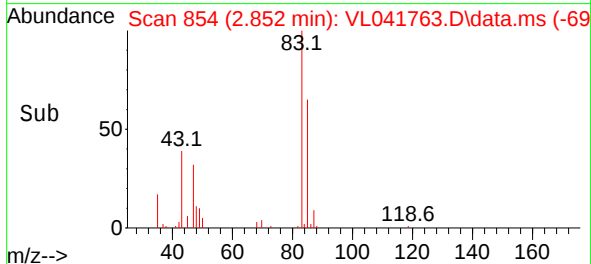
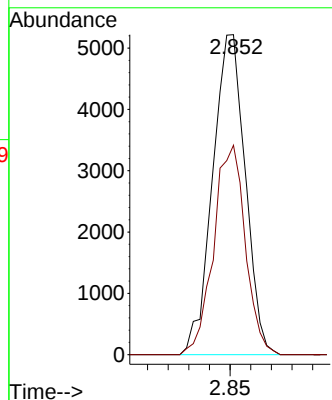
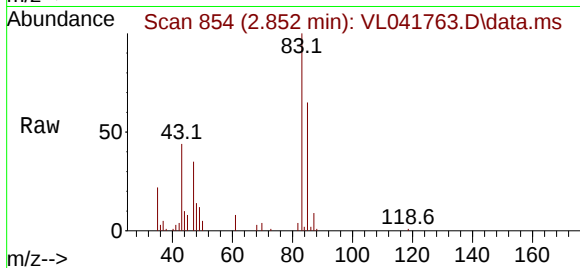
MDL 0.4

Tgt Ion: 83 Resp: 5746

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6



#30

Cyclohexane

Concen: 0.243 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.009 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

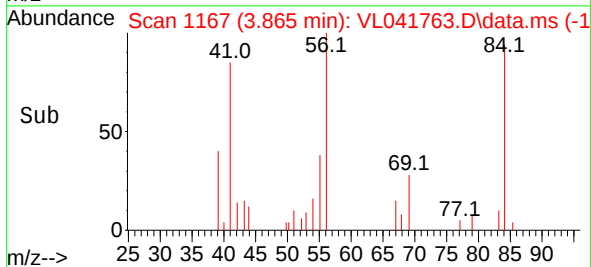
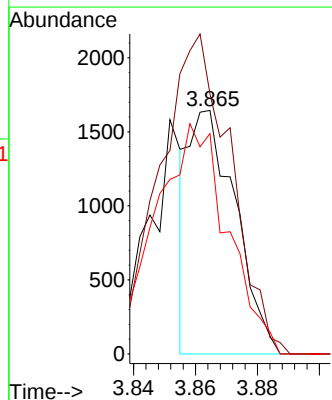
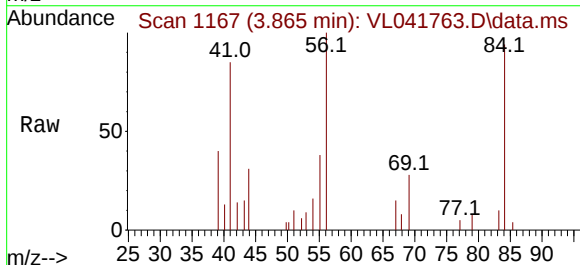
Tgt Ion: 84 Resp: 1721

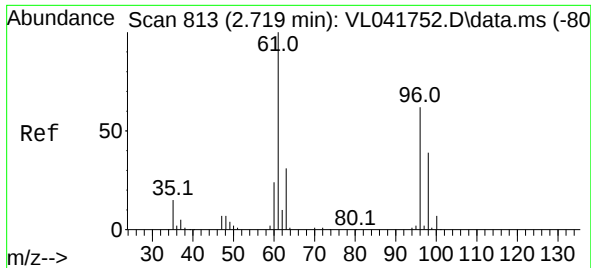
Ion Ratio Lower Upper

84 100

56 203.6 102.3 153.5#

41 150.8 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.418 ppbv

RT: 2.719 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

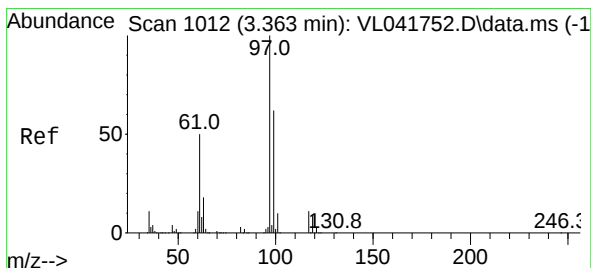
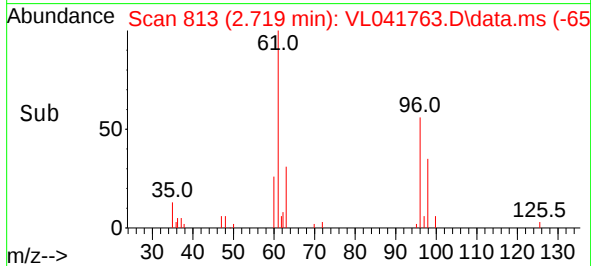
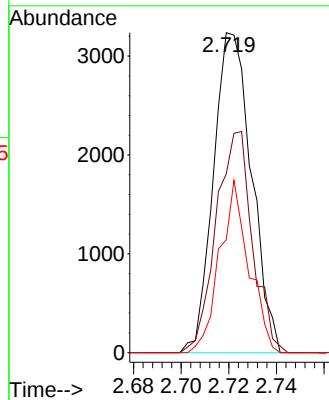
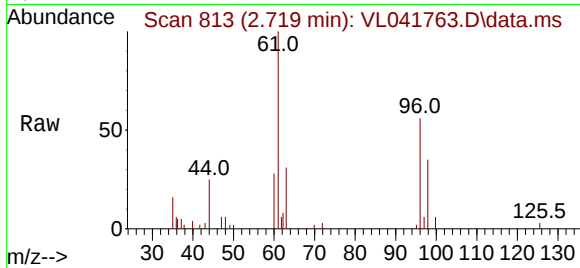
Tgt Ion: 61 Resp: 3595

Ion Ratio Lower Upper

61 100

96 52.5 49.7 74.5

98 33.1 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 0.381 ppbv

RT: 3.369 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

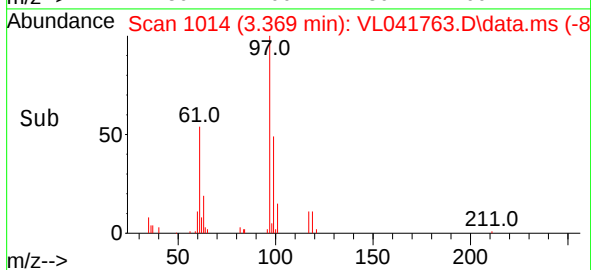
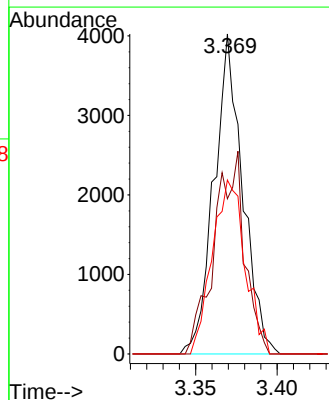
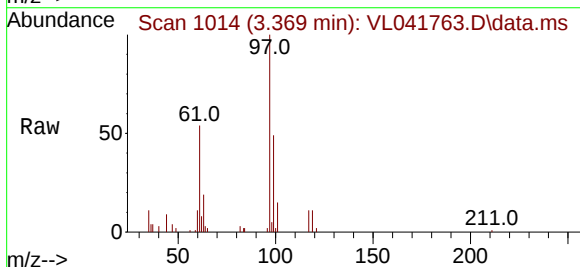
Tgt Ion: 97 Resp: 4905

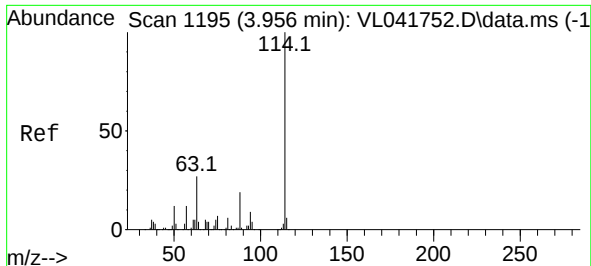
Ion Ratio Lower Upper

97 100

99 66.8 51.0 76.4

61 62.5 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

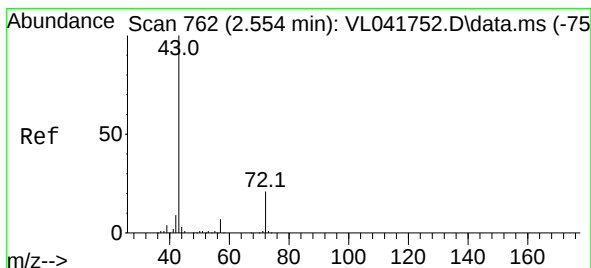
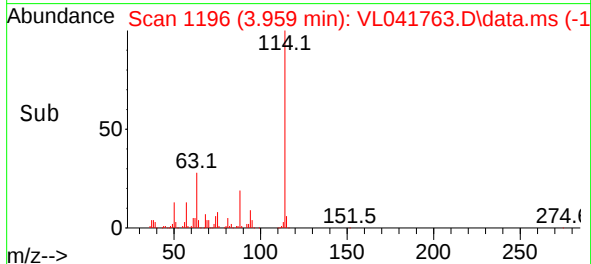
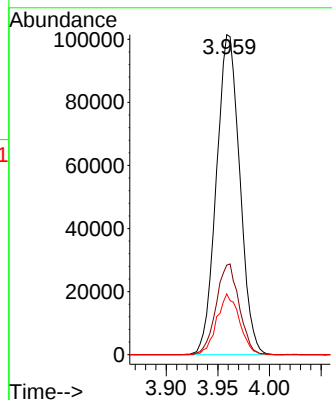
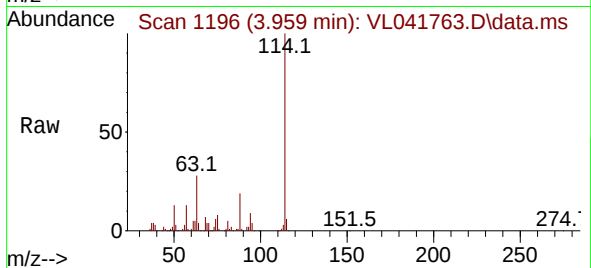
Tgt Ion:114 Resp: 159774

Ion Ratio Lower Upper

114 100

63 27.9 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 0.458 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL041763.D

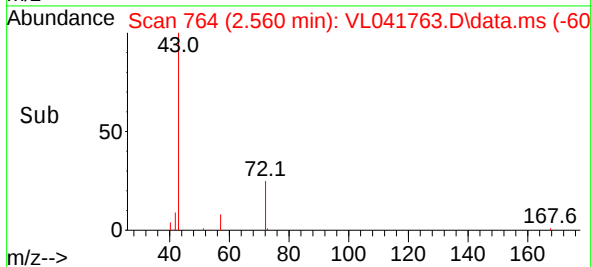
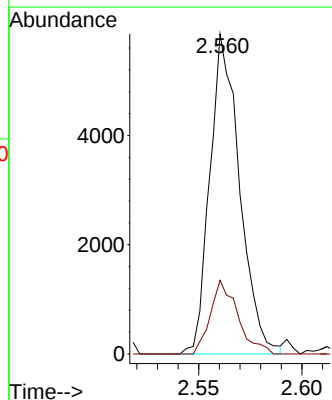
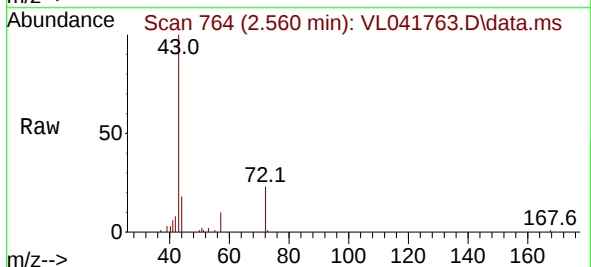
Acq: 16 Dec 2024 21:52

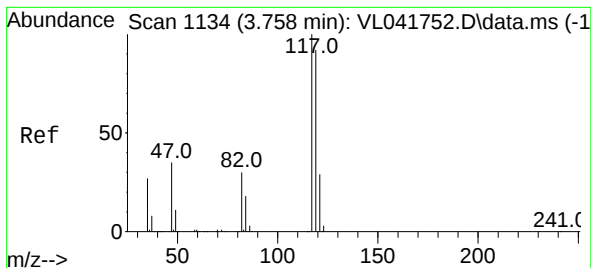
Tgt Ion: 43 Resp: 5881

Ion Ratio Lower Upper

43 100

72 21.1 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.387 ppbv

RT: 3.764 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

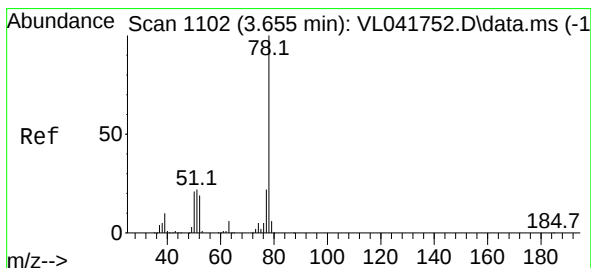
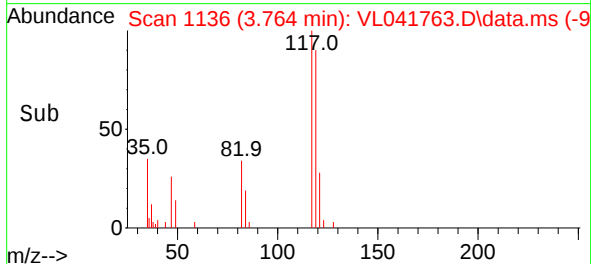
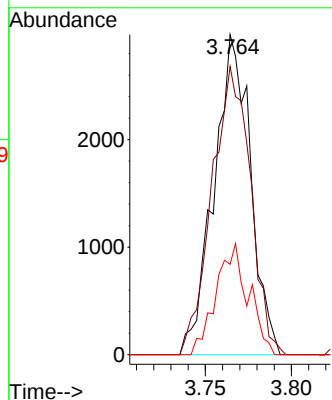
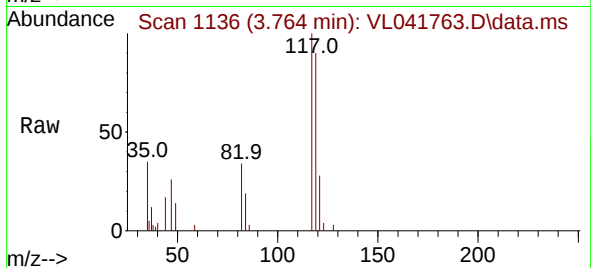
Tgt Ion:117 Resp: 4393

Ion Ratio Lower Upper

117 100

119 90.1 73.7 110.5

121 28.3 23.0 34.4



#36

Benzene

Concen: 0.423 ppbv

RT: 3.658 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

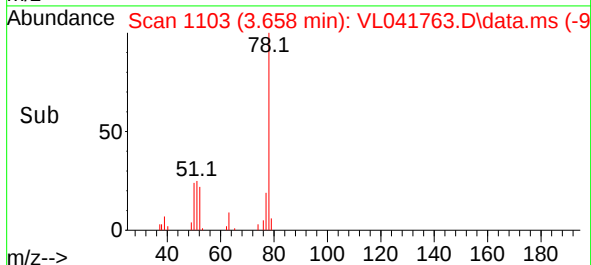
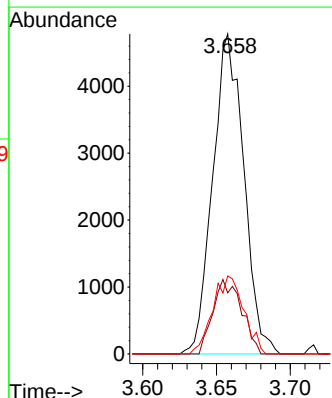
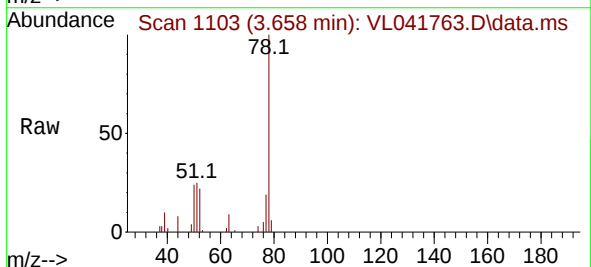
Tgt Ion: 78 Resp: 6985

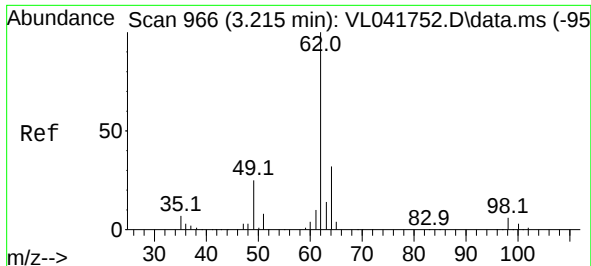
Ion Ratio Lower Upper

78 100

77 19.1 17.8 26.6

50 24.4 17.2 25.8





#37

1,2-Dichloroethane

Concen: 0.463 ppbv

RT: 3.217 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

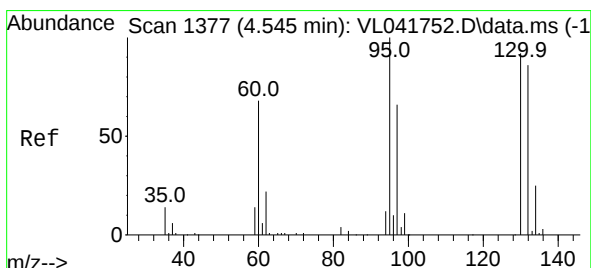
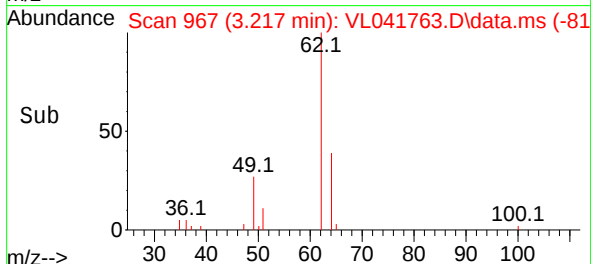
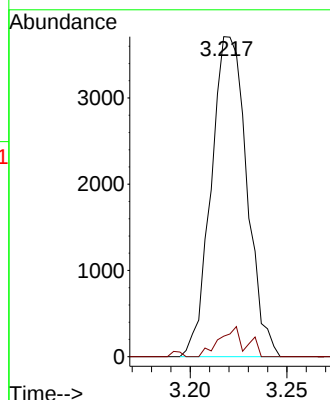
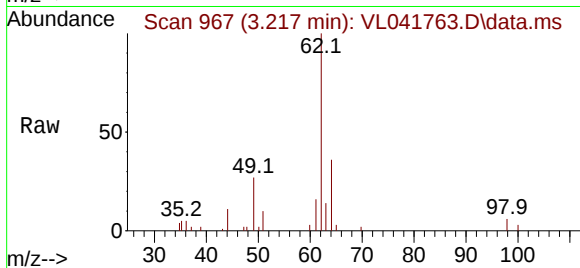
MDL 0.4

Tgt Ion: 62 Resp: 4760

Ion Ratio Lower Upper

62 100

98 7.2 4.7 7.1#



#38

Trichloroethene

Concen: 0.234 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:130 Resp: 1643

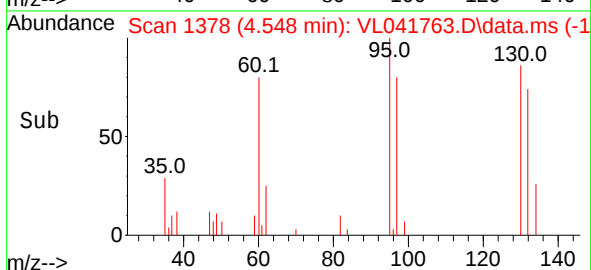
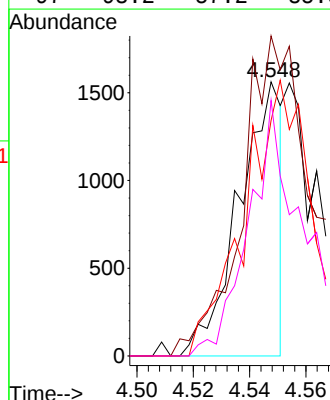
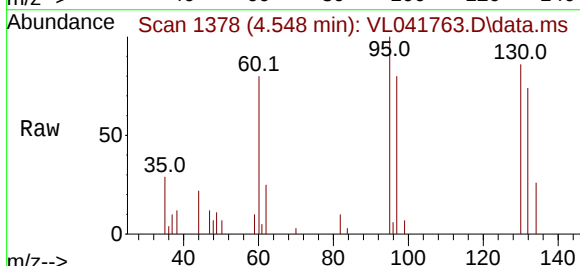
Ion Ratio Lower Upper

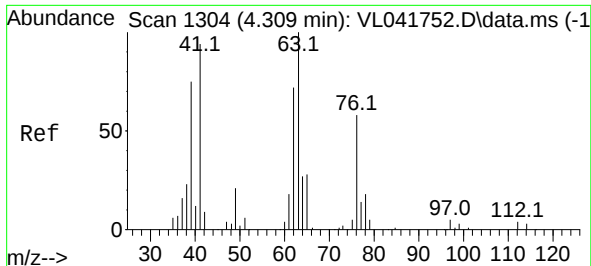
130 100

95 110.6 87.0 130.6

132 85.9 75.0 112.6

97 93.2 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 0.137 ppbv

RT: 4.308 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

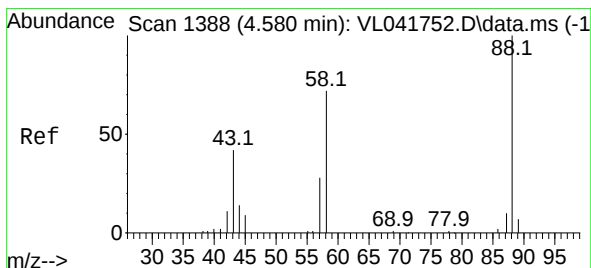
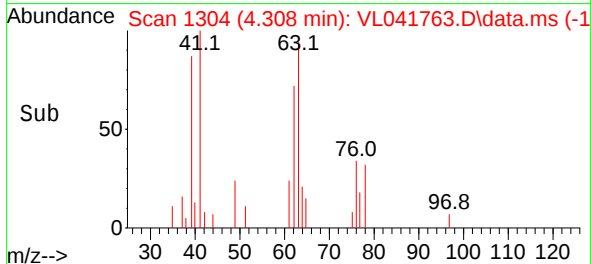
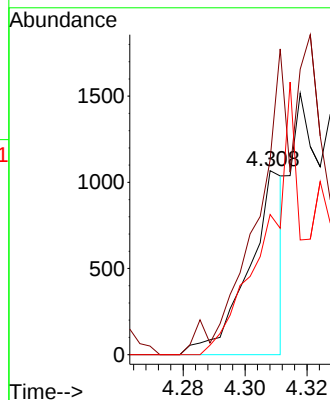
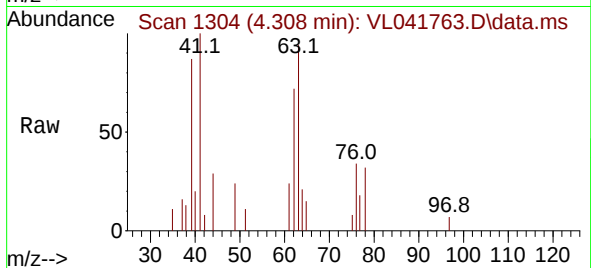
Tgt Ion: 63 Resp: 821

Ion Ratio Lower Upper

63 100

41 105.9 75.3 112.9

62 76.1 57.3 85.9



#40

1,4-Dioxane

Concen: 0.210 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.025 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion: 88 Resp: 614

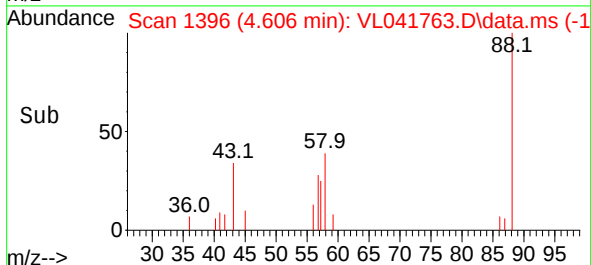
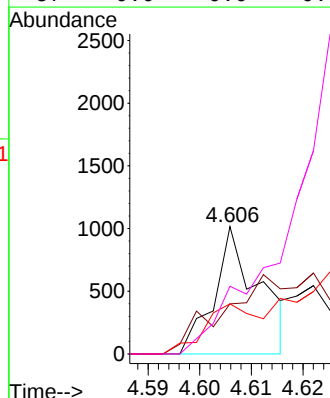
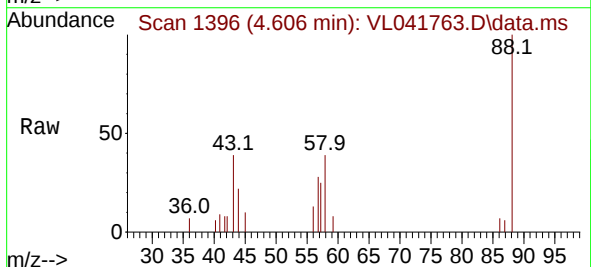
Ion Ratio Lower Upper

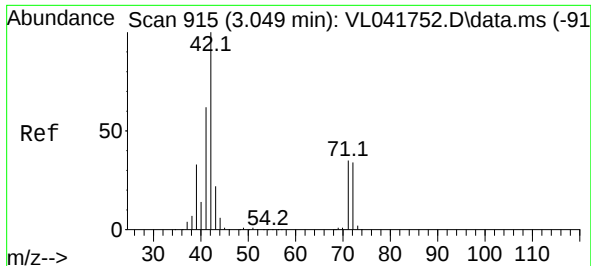
88 100

58 8.3 61.0 91.6#

43 0.0 29.4 44.0#

57 0.0 0.0 0.0

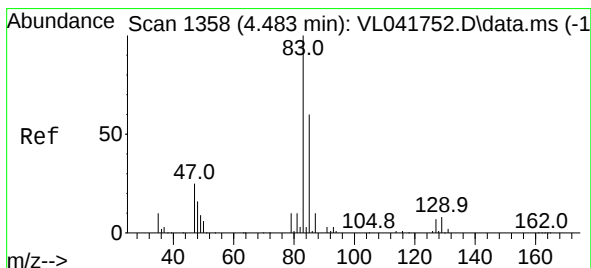
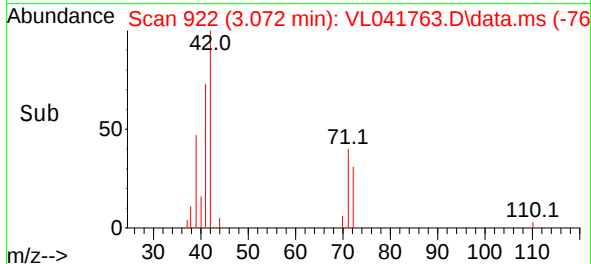
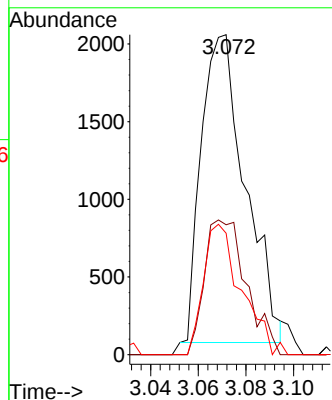
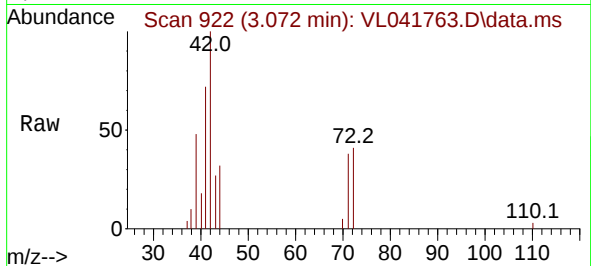




#41
Tetrahydrofuran
Concen: 0.353 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

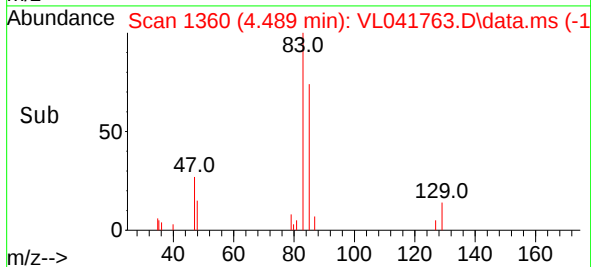
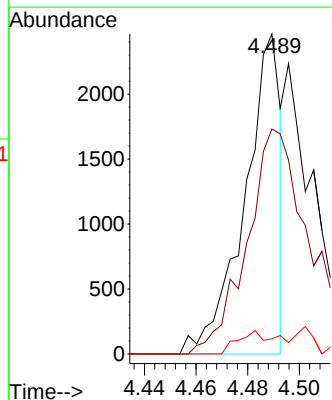
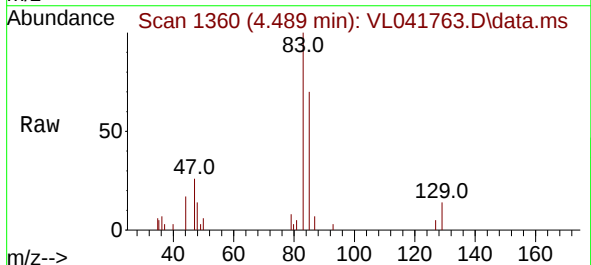
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

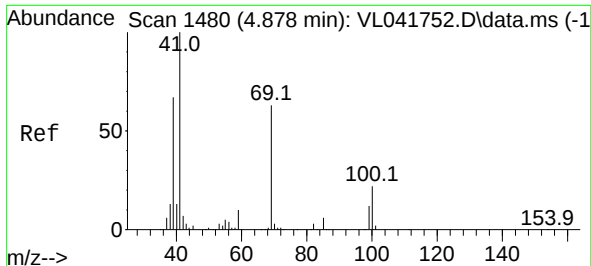
Tgt Ion: 42 Resp: 2545
Ion Ratio Lower Upper
42 100
72 41.7 29.1 43.7
71 36.5 28.4 42.6



#42
Bromodichloromethane
Concen: 0.200 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 83 Resp: 2370
Ion Ratio Lower Upper
83 100
85 70.3 48.0 72.0
127 4.8 5.8 8.8#





#43

Methyl Methacrylate

Concen: 0.250 ppbv

RT: 4.881 min Scan# 1481

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

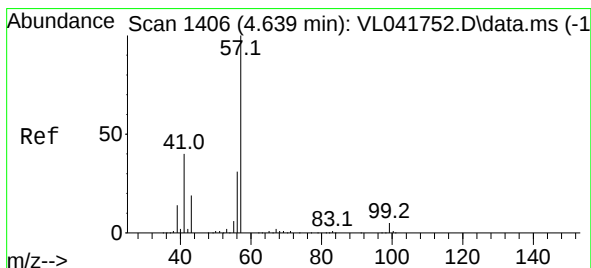
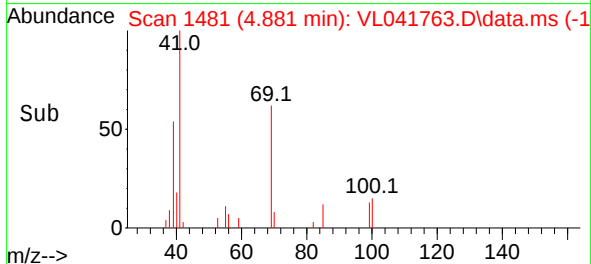
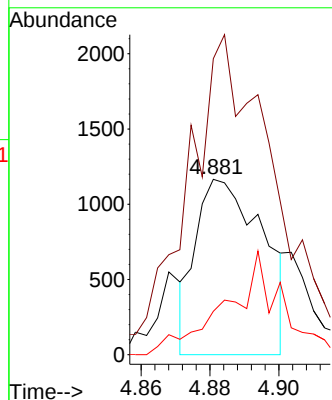
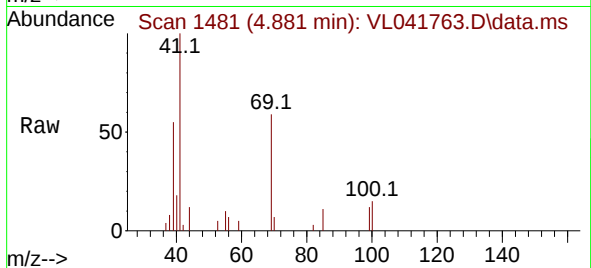
Tgt Ion: 69 Resp: 1575

Ion Ratio Lower Upper

69 100

41 242.0 130.3 195.5#

100 0.0 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.200 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

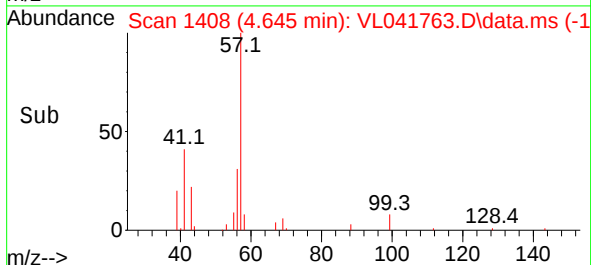
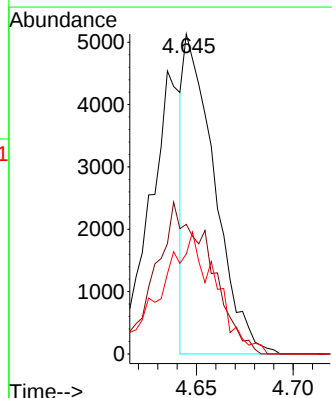
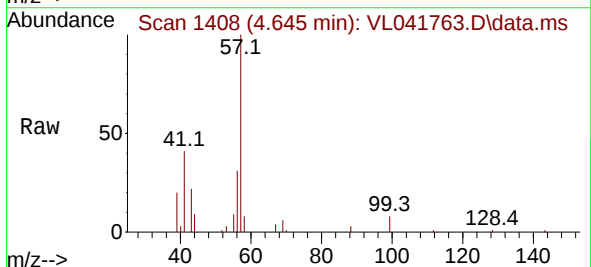
Tgt Ion: 57 Resp: 5644

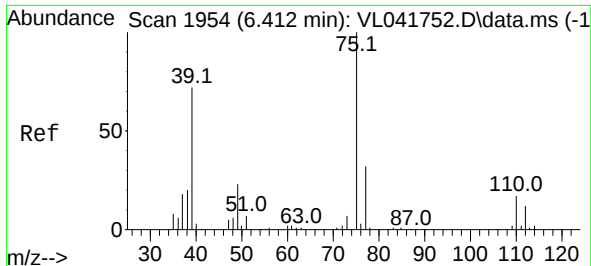
Ion Ratio Lower Upper

57 100

41 0.0 30.7 46.1#

56 69.0 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.081 ppbv

RT: 6.412 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

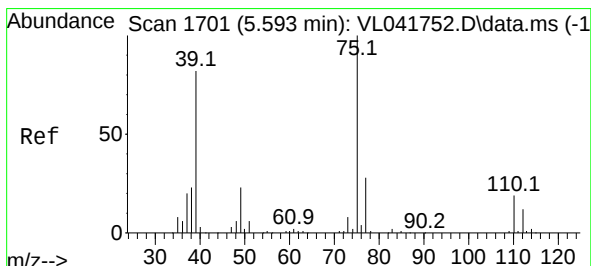
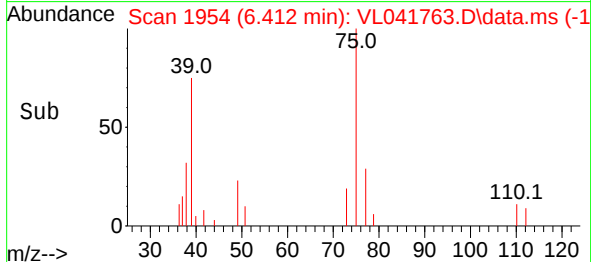
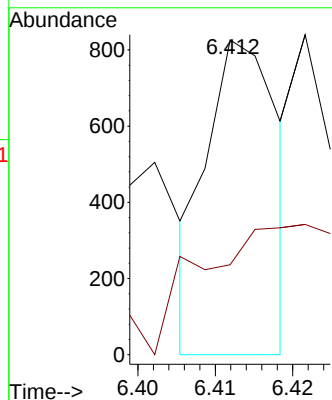
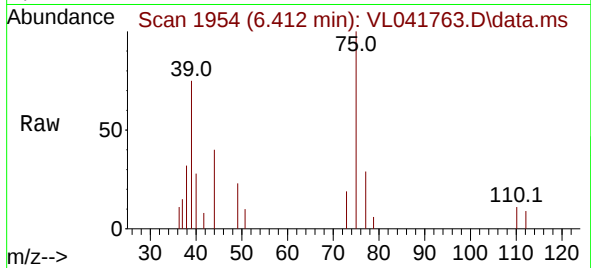
MDL 0.4

Tgt Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

77 28.6 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 0.028 ppbv

RT: 5.629 min Scan# 1712

Delta R.T. 0.035 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

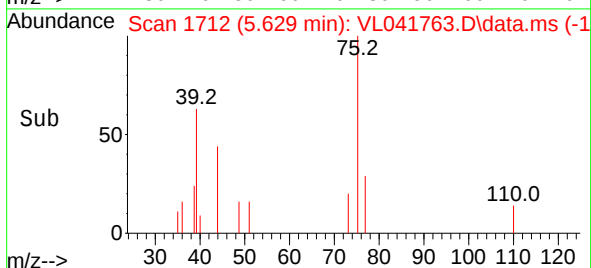
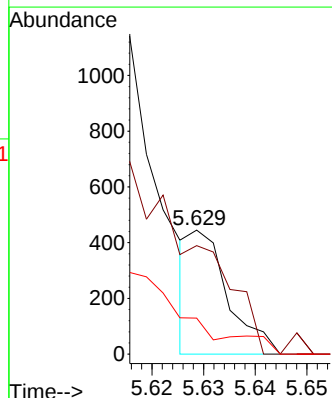
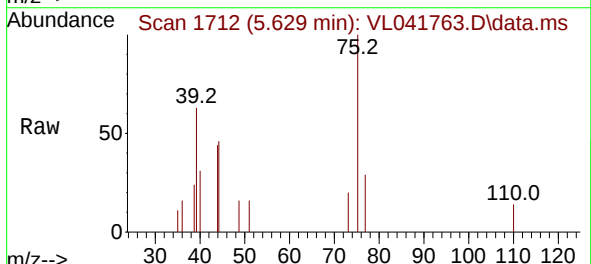
Tgt Ion: 75 Resp: 230

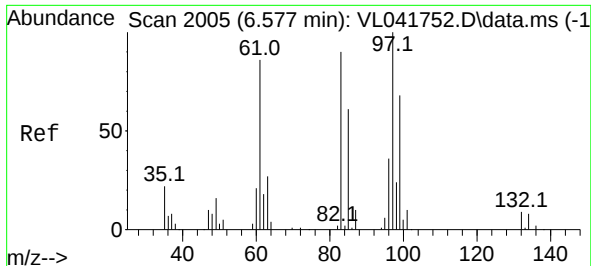
Ion Ratio Lower Upper

75 100

39 87.4 65.2 97.8

77 29.0 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 0.131 ppbv

RT: 6.583 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 97 Resp: 821

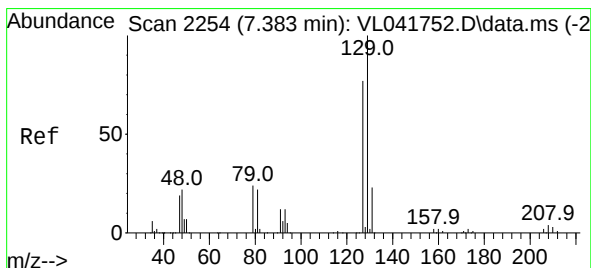
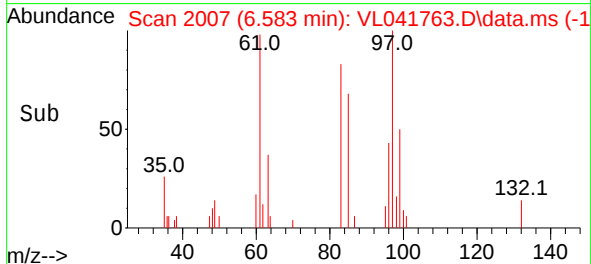
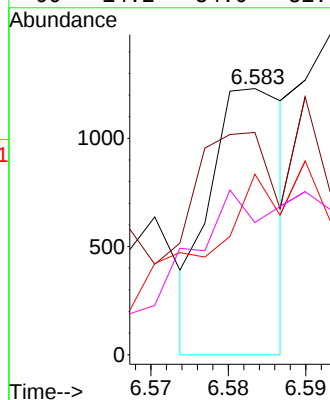
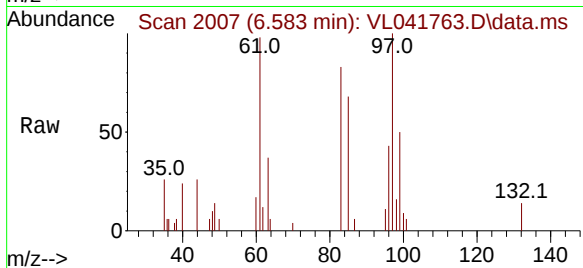
Ion Ratio Lower Upper

97 100

83 60.9 72.3 108.5#

85 43.1 48.5 72.7#

99 14.2 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.309 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.009 min

Lab File: VL041763.D

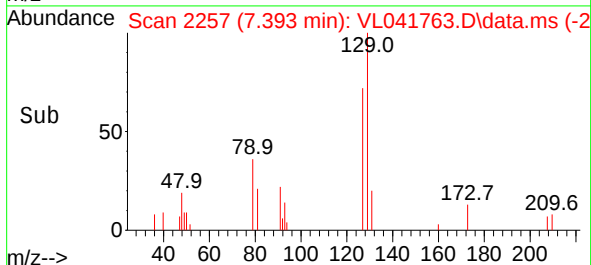
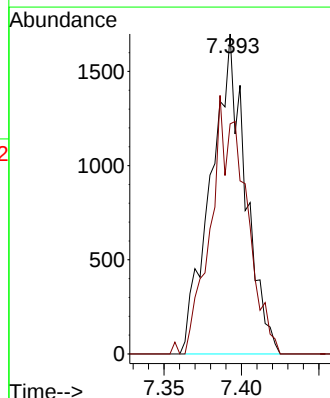
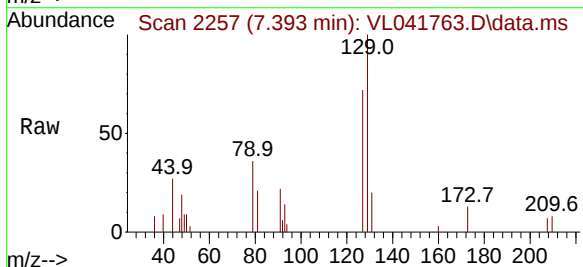
Acq: 16 Dec 2024 21:52

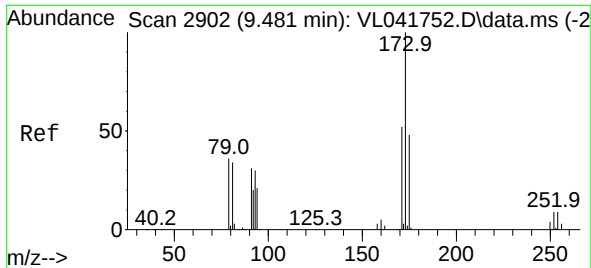
Tgt Ion: 129 Resp: 2633

Ion Ratio Lower Upper

129 100

127 82.1 38.8 116.3





#49

Bromoform

Concen: 0.285 ppbv

RT: 9.490 min Scan# 2

Delta R.T. 0.009 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

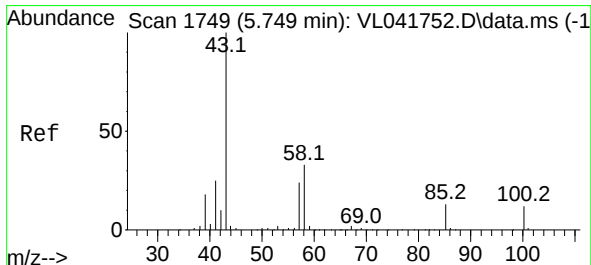
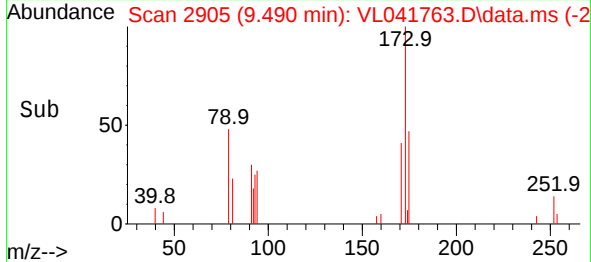
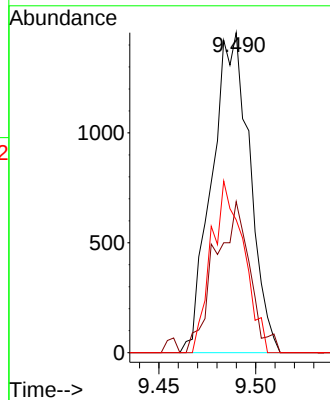
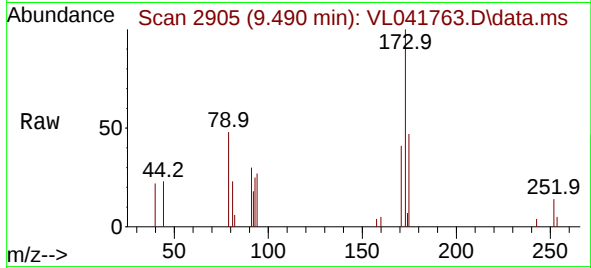
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:	173	Resp:	1986
Ion Ratio	Lower	Upper	
173	100		
175	44.4	38.2	57.2
171	45.7	41.1	61.7



#50

4-Methyl-2-Pentanone

Concen: 0.223 ppbv

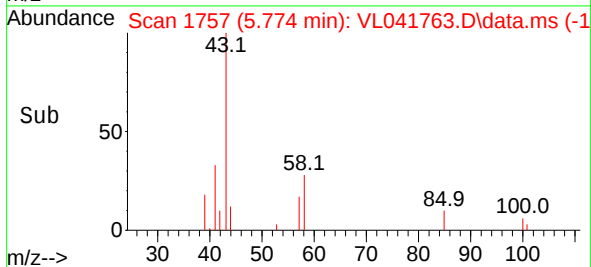
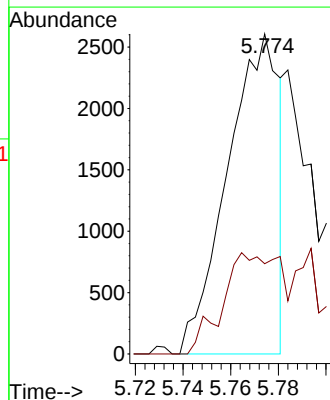
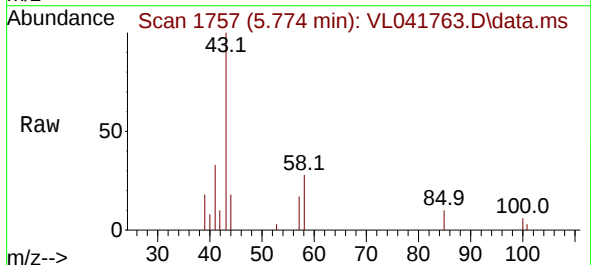
RT: 5.774 min Scan# 1757

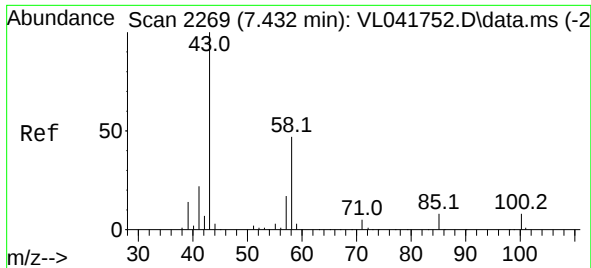
Delta R.T. 0.025 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:	43	Resp:	3908
Ion Ratio	Lower	Upper	
43	100		
58	0.0	26.8	40.2#

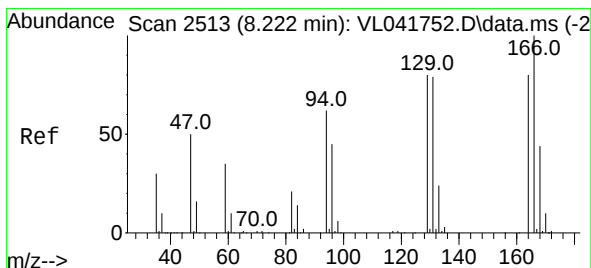
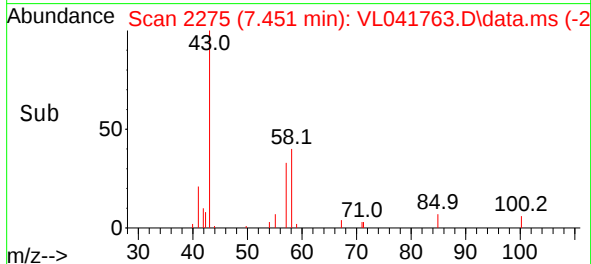
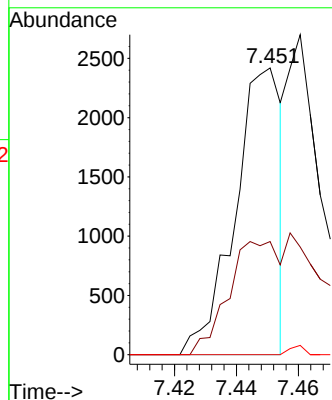
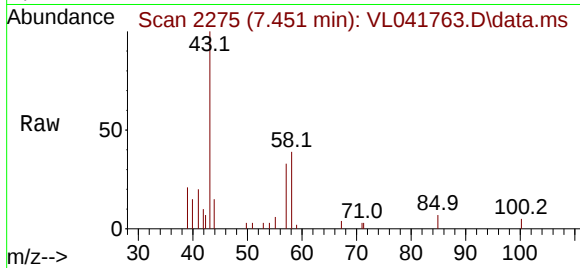




#51
2-Hexanone
Concen: 0.177 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

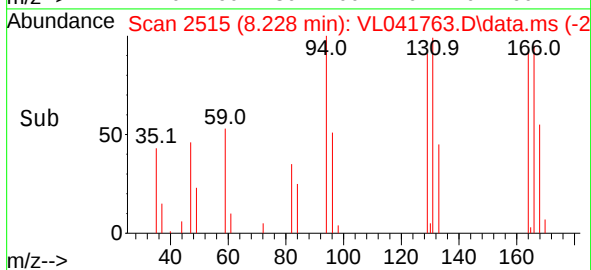
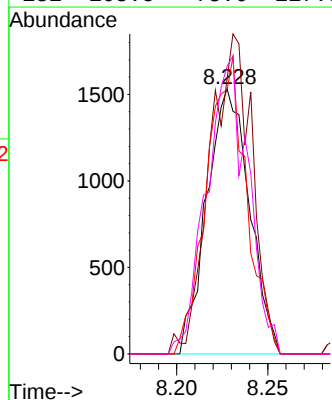
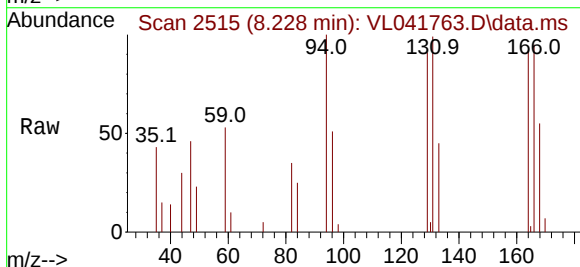
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

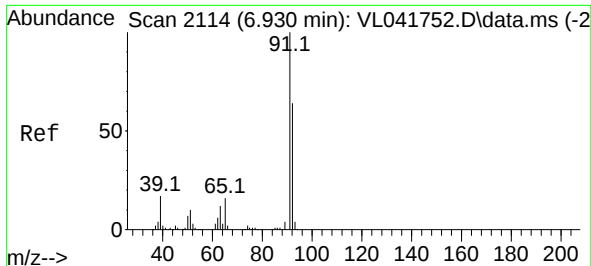
Tgt Ion: 43 Resp: 2507
Ion Ratio Lower Upper
43 100
58 0.0 36.6 55.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.406 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 164 Resp: 2497
Ion Ratio Lower Upper
164 100
166 103.7 99.8 149.6
129 99.6 79.6 119.4
131 108.5 78.6 117.8





#53

Toluene

Concen: 0.307 ppbv

RT: 6.936 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

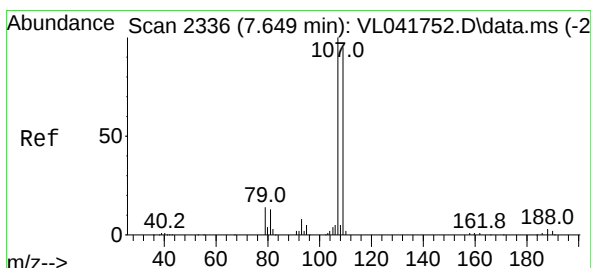
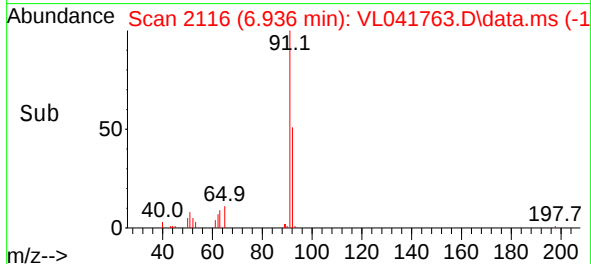
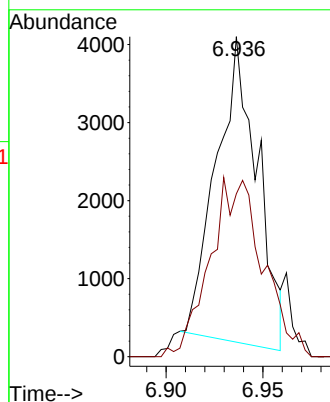
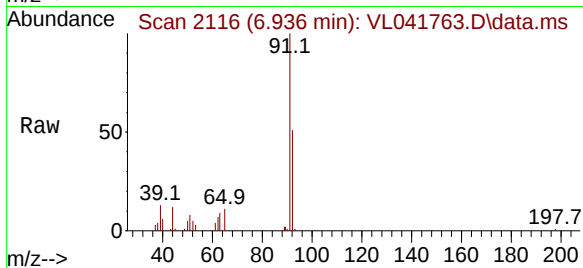
MDL 0.4

Tgt Ion: 91 Resp: 5760

Ion Ratio Lower Upper

91 100

92 75.5 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.223 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041763.D

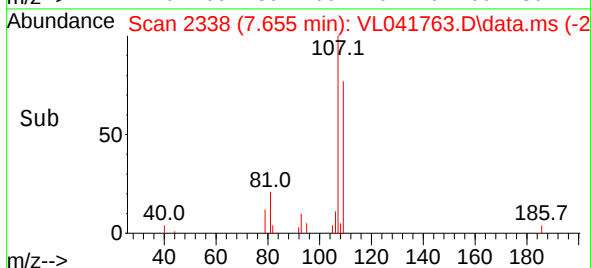
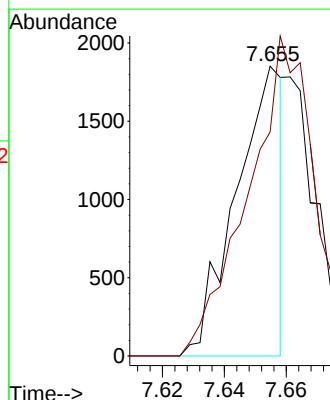
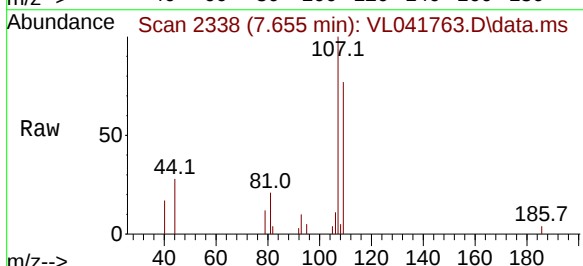
Acq: 16 Dec 2024 21:52

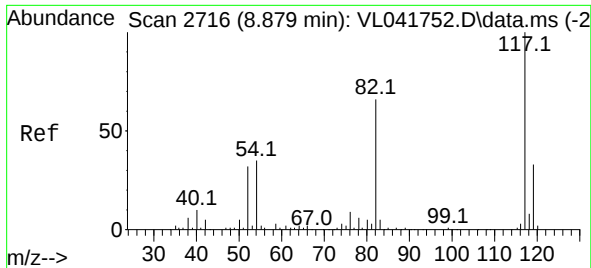
Tgt Ion: 107 Resp: 1919

Ion Ratio Lower Upper

107 100

109 77.3 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

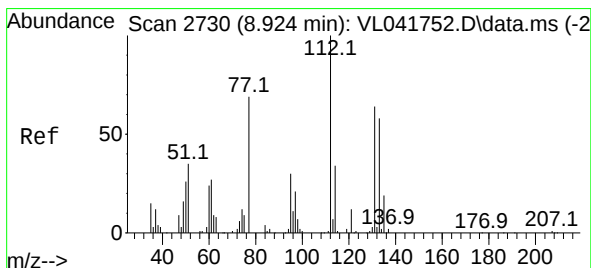
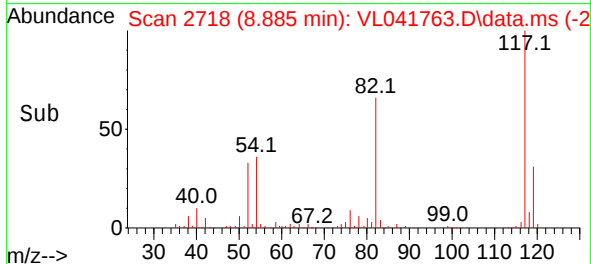
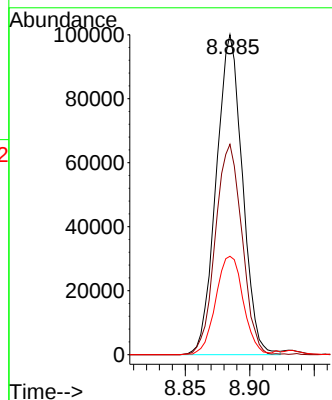
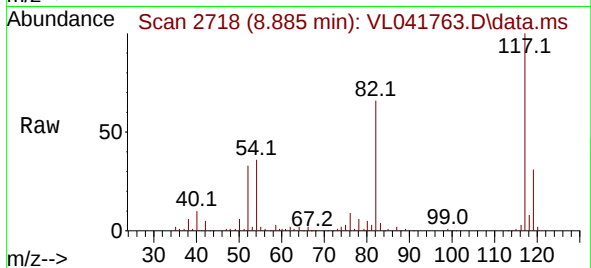
Tgt Ion:117 Resp: 141129

Ion Ratio Lower Upper

117 100

82 67.1 53.8 80.8

119 33.6 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.418 ppbv

RT: 8.924 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

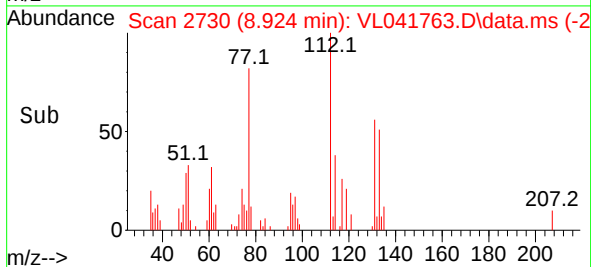
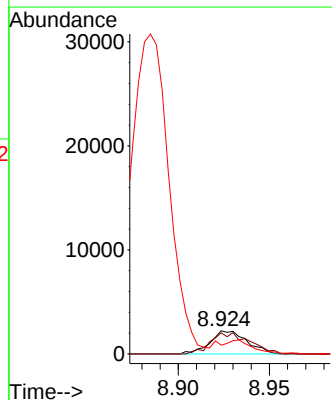
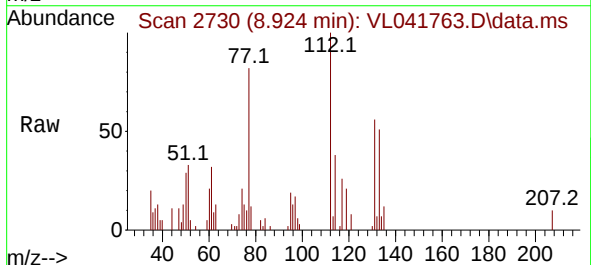
Tgt Ion:131 Resp: 3128

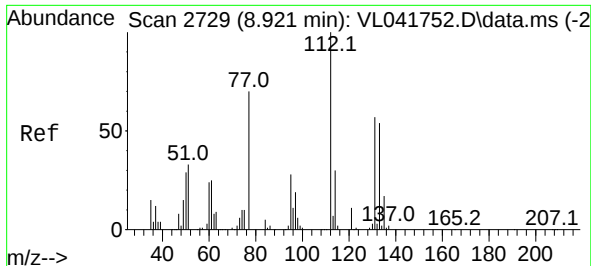
Ion Ratio Lower Upper

131 100

133 98.3 76.8 115.2

119 1514.9 49.0 73.6#





#57

Chlorobenzene

Concen: 0.442 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

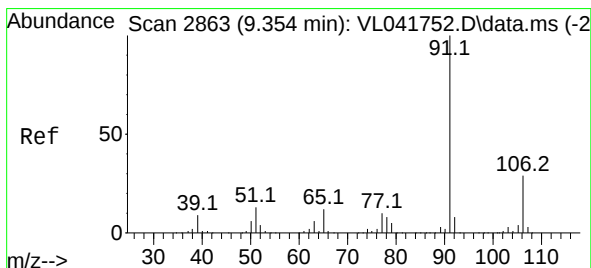
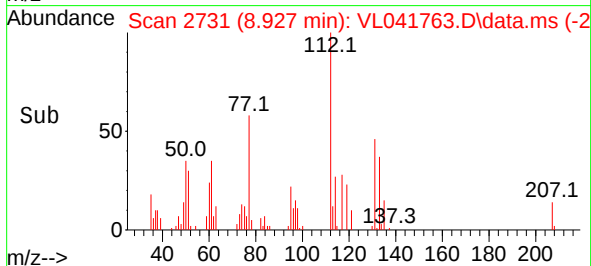
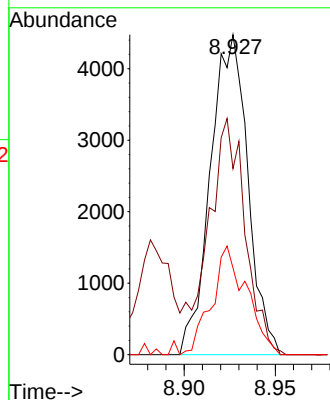
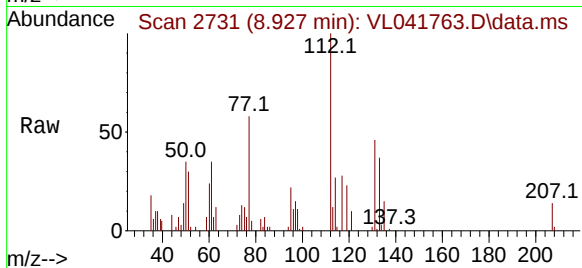
Tgt Ion:112 Resp: 6380

Ion Ratio Lower Upper

112 100

77 56.9 57.4 86.0#

114 29.1 27.4 33.4



#58

Ethyl Benzene

Concen: 0.370 ppbv

RT: 9.360 min Scan# 2865

Delta R.T. 0.006 min

Lab File: VL041763.D

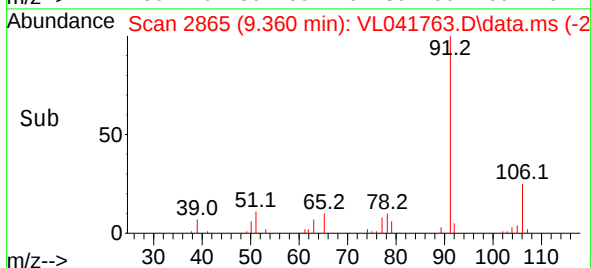
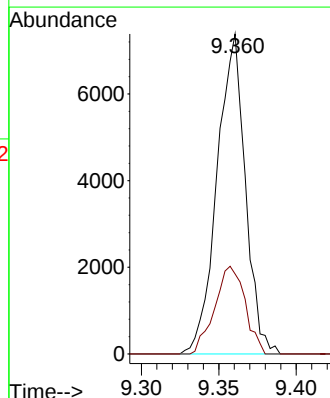
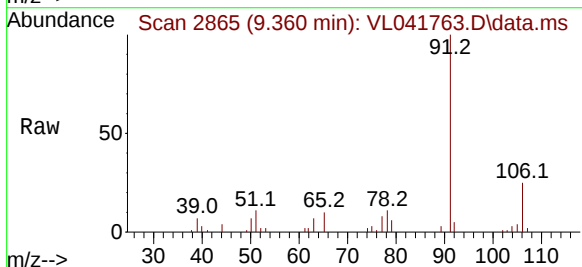
Acq: 16 Dec 2024 21:52

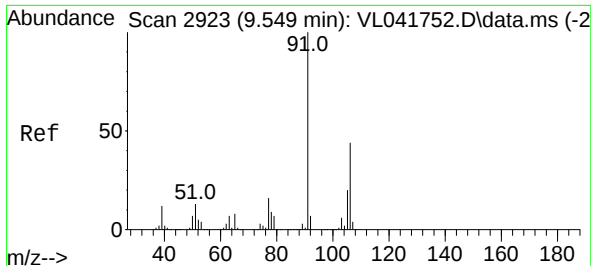
Tgt Ion: 91 Resp: 9390

Ion Ratio Lower Upper

91 100

106 25.0 23.5 35.3

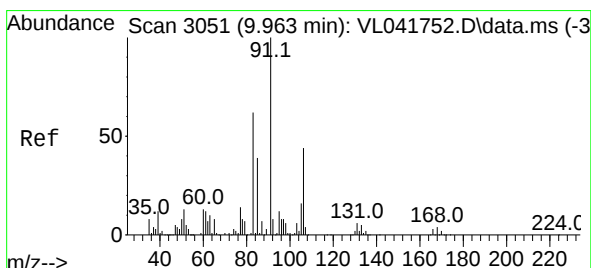
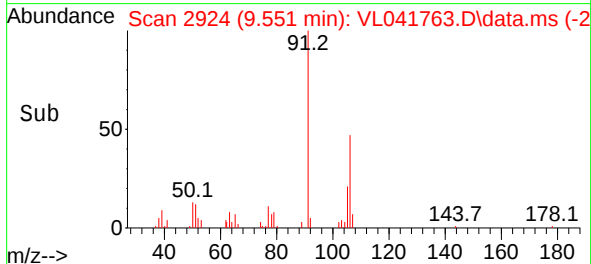
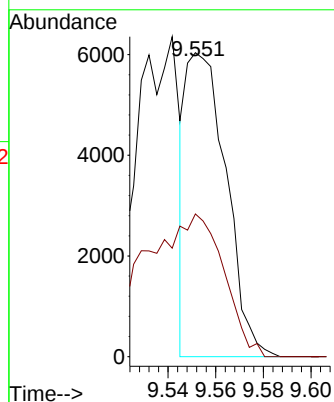
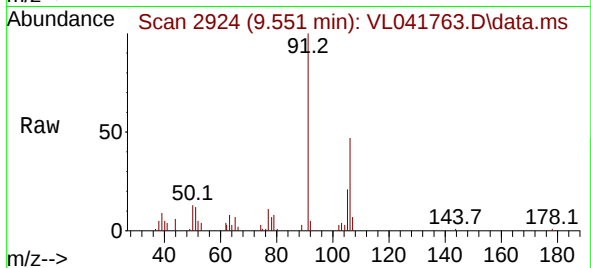




#59
m/p-Xylene
Concen: 0.346 ppbv
RT: 9.551 min Scan# 2923
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

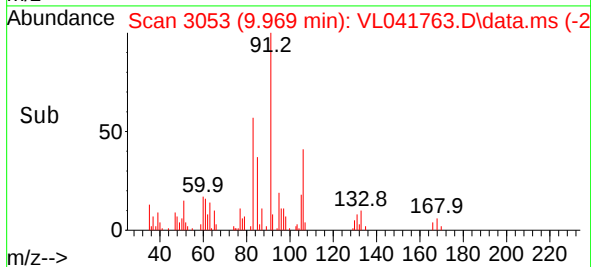
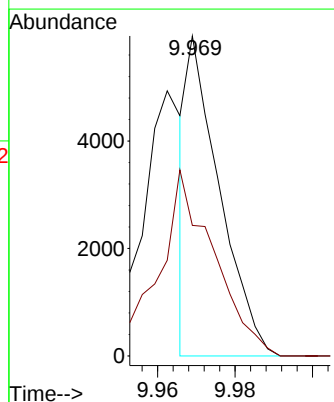
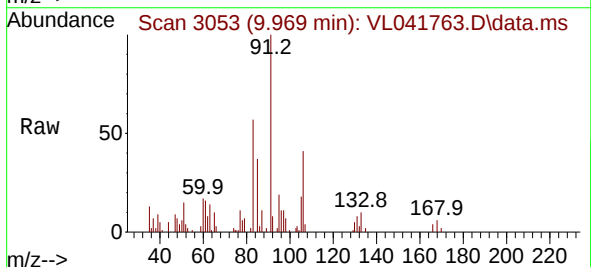
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

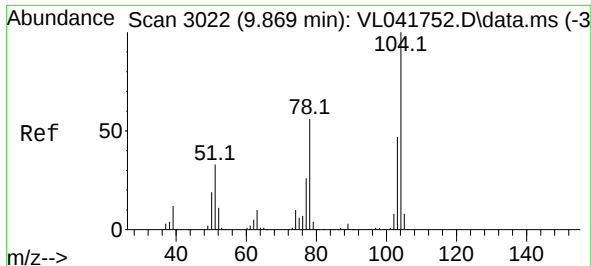
Tgt Ion: 91 Resp: 7065
Ion Ratio Lower Upper
91 100
106 91.6 0.0 0.0#



#60
o-Xylene
Concen: 0.169 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 91 Resp: 3469
Ion Ratio Lower Upper
91 100
106 101.9 21.1 63.4#

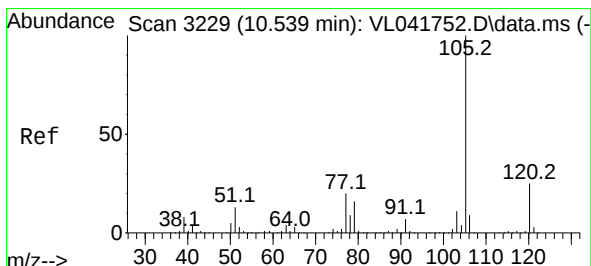
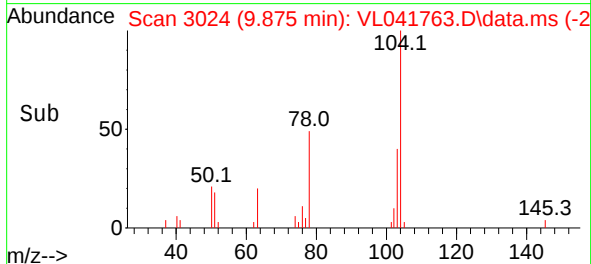
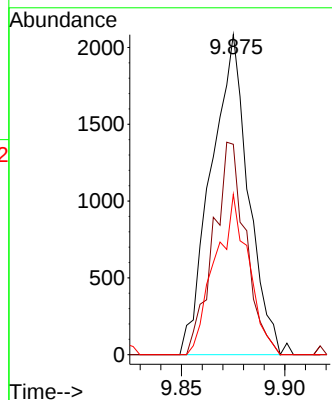
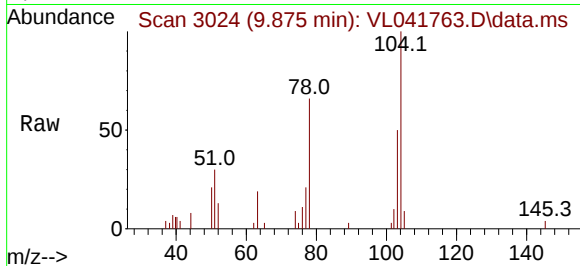




#61
Styrene
Concen: 0.295 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

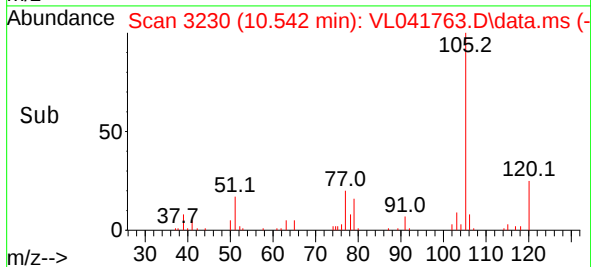
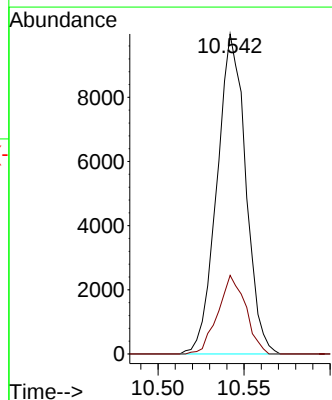
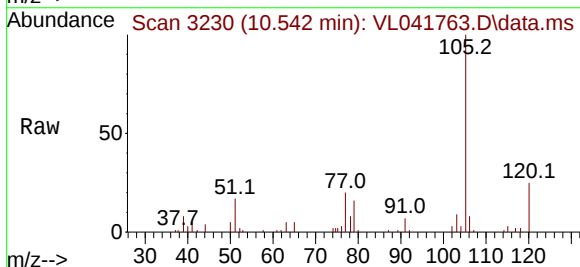
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

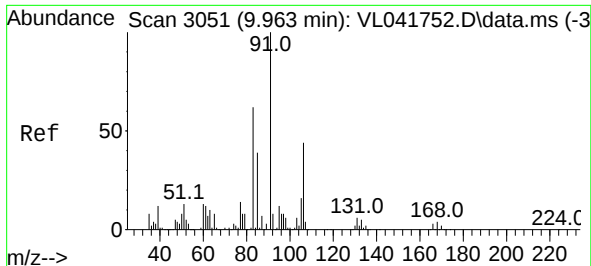
Tgt Ion:104 Resp: 2611
Ion Ratio Lower Upper
104 100
78 57.8 43.8 65.6
103 45.2 37.8 56.6



#62
Isopropylbenzene
Concen: 0.376 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion:105 Resp: 11584
Ion Ratio Lower Upper
105 100
120 23.7 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.404 ppbv

RT: 9.966 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

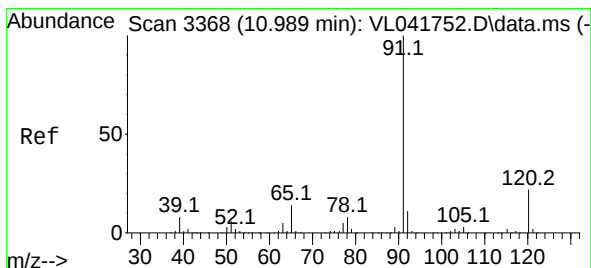
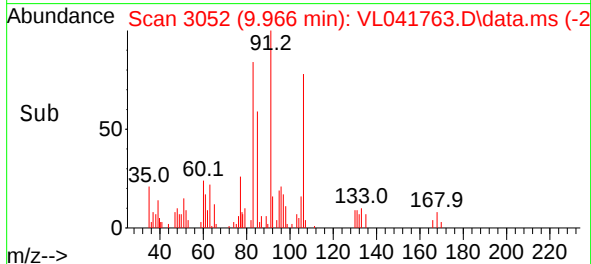
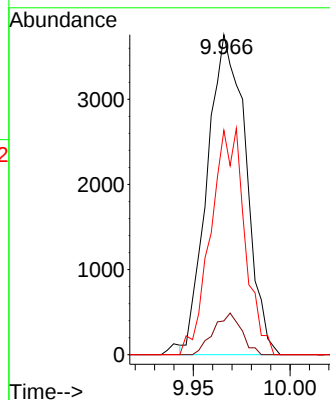
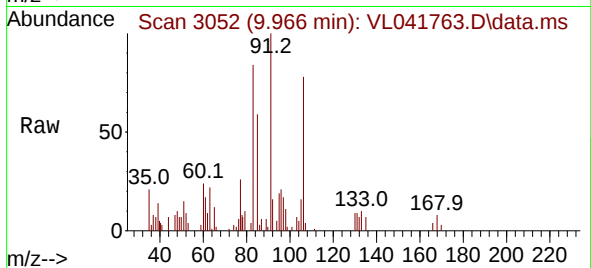
Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

Tgt Ion:	83	Resp:	5185
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.7
85	62.6	32.0	96.2



#64

n-propylbenzene

Concen: 0.336 ppbv

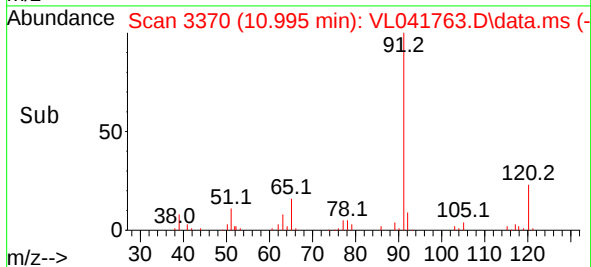
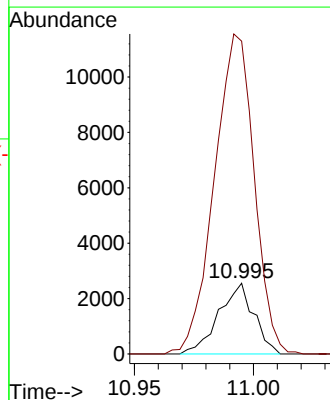
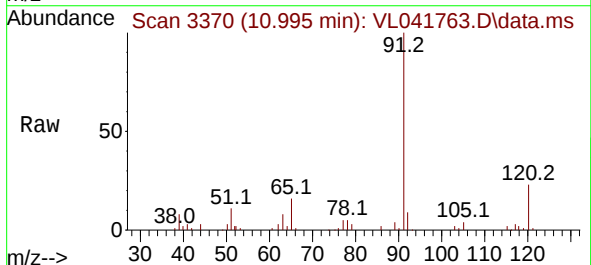
RT: 10.995 min Scan# 3370

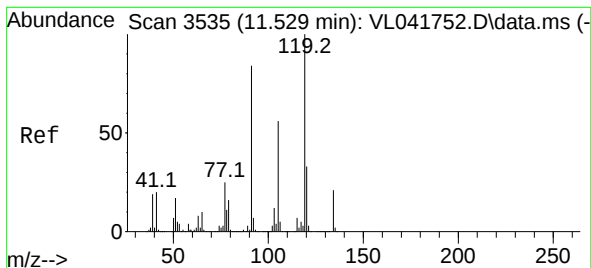
Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:	120	Resp:	2616
Ion	Ratio	Lower	Upper
120	100		
91	513.1	387.3	580.9





#65

tert-Butylbenzene

Concen: 0.375 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

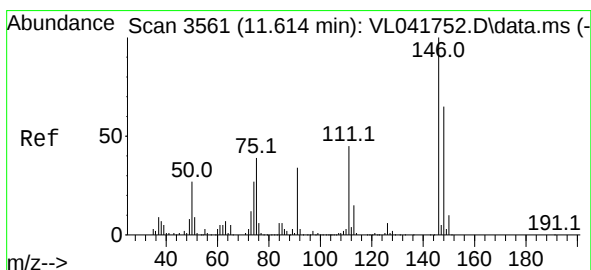
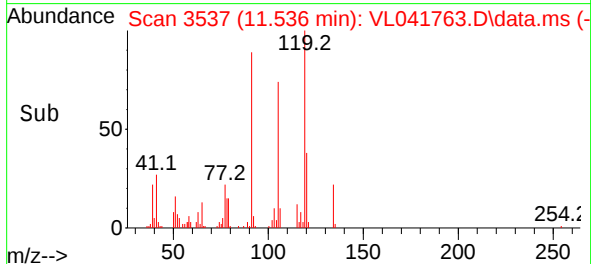
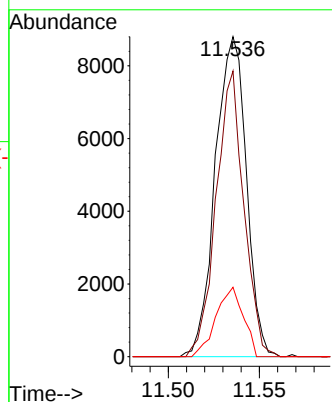
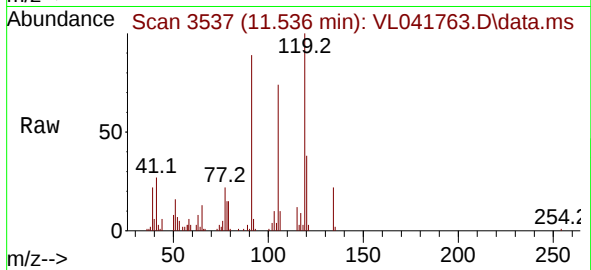
Tgt Ion:119 Resp: 10422

Ion Ratio Lower Upper

119 100

91 79.6 67.0 100.4

134 19.1 16.5 24.7



#66

Benzyl Chloride

Concen: 0.311 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

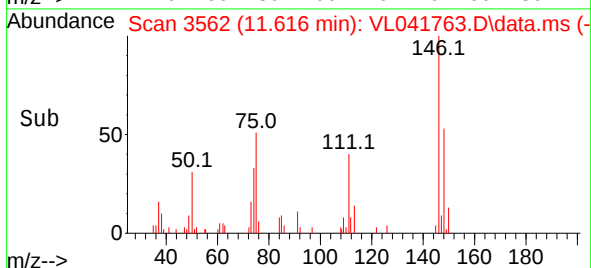
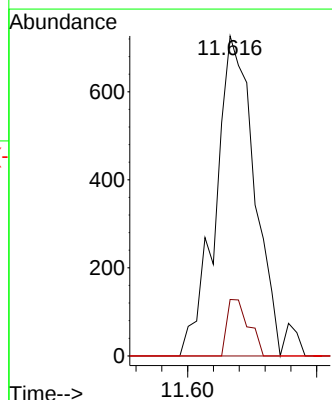
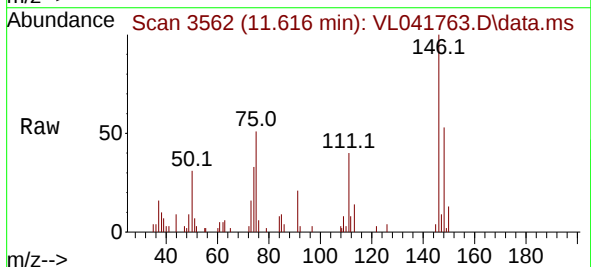
Tgt Ion: 91 Resp: 760

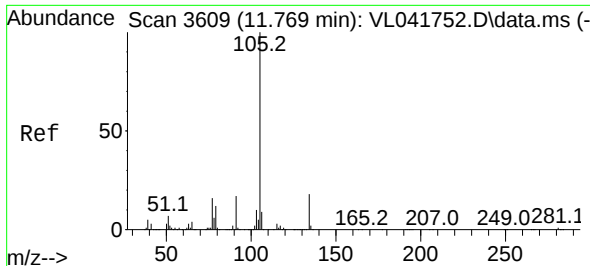
Ion Ratio Lower Upper

91 100

126 9.9 13.9 20.9#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.377 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

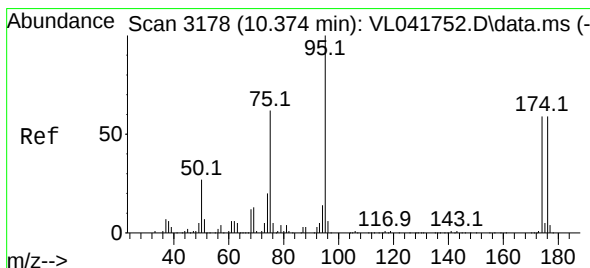
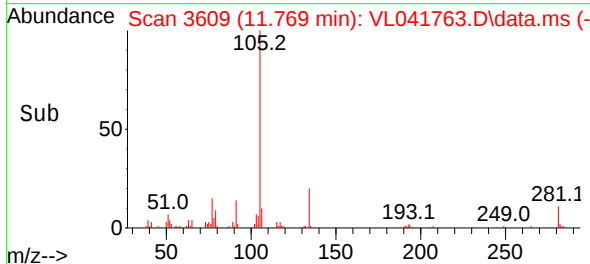
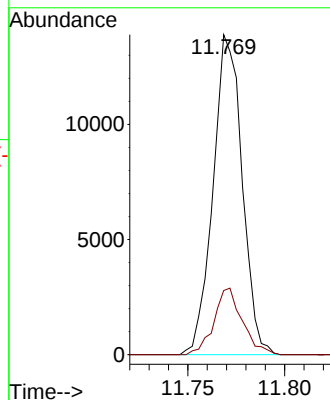
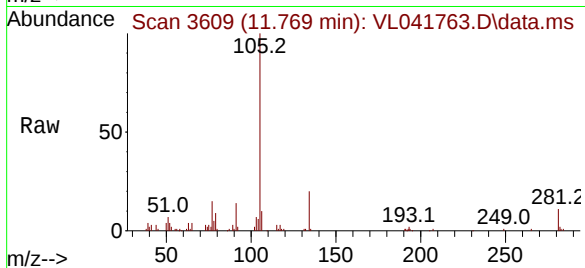
MDL 0.4

Tgt Ion:105 Resp: 14503

Ion Ratio Lower Upper

105 100

134 20.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.978 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

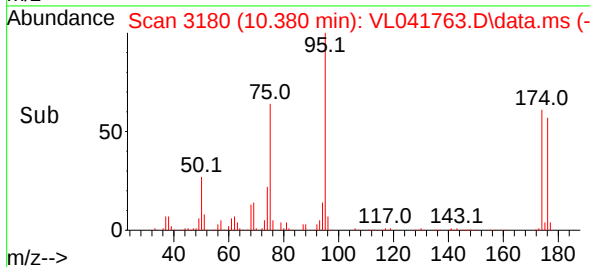
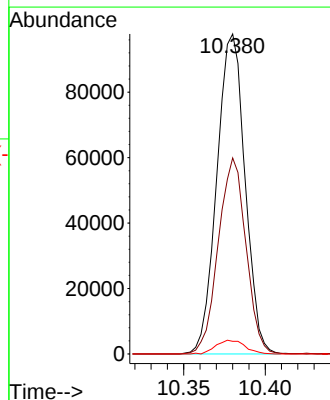
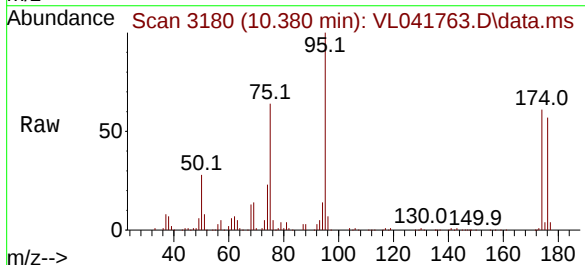
Tgt Ion: 95 Resp: 117349

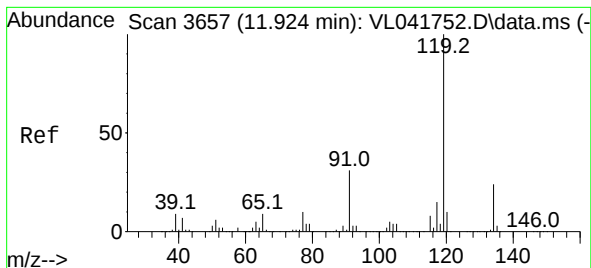
Ion Ratio Lower Upper

95 100

174 60.3 47.6 71.4

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.332 ppbv

RT: 11.930 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

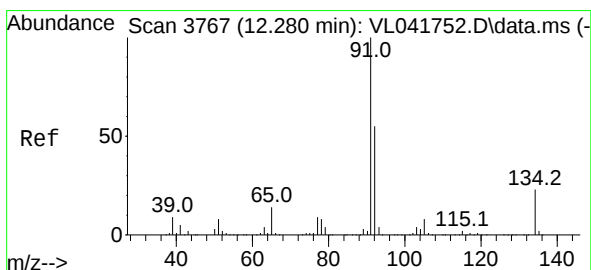
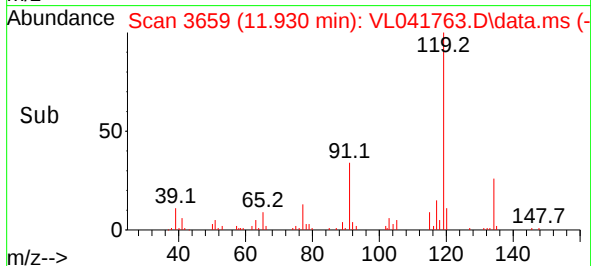
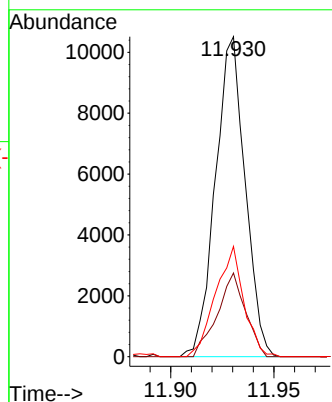
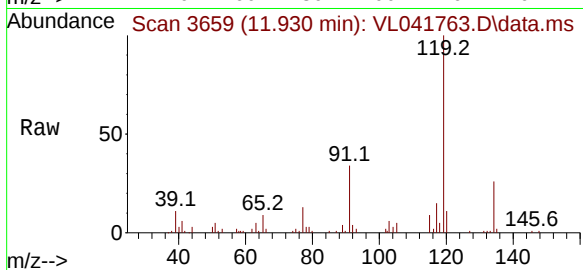
Tgt Ion:119 Resp: 10524

Ion Ratio Lower Upper

119 100

134 24.9 19.6 29.4

91 33.5 24.4 36.6



#70

n-Butylbenzene

Concen: 0.327 ppbv

RT: 12.286 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

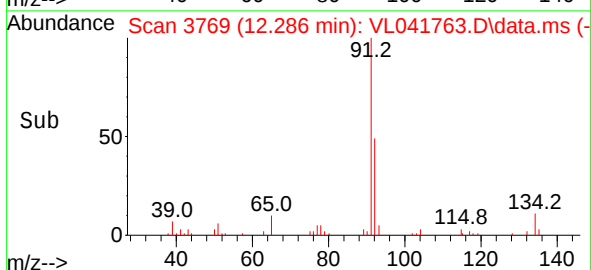
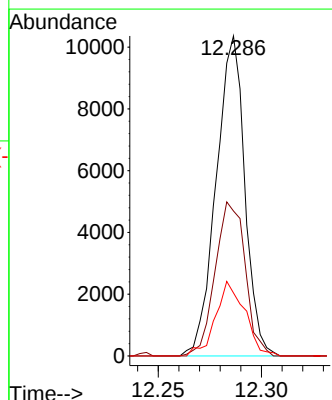
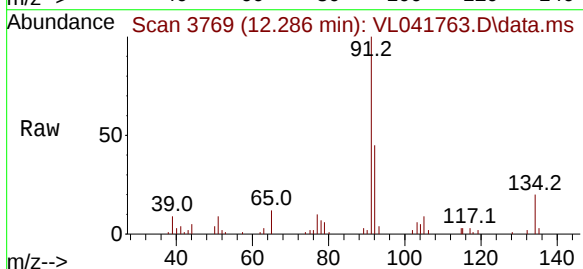
Tgt Ion: 91 Resp: 9991

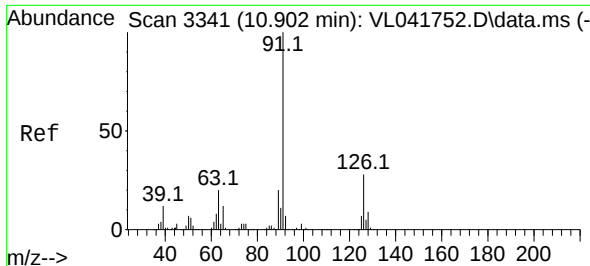
Ion Ratio Lower Upper

91 100

92 50.8 43.2 64.8

134 23.9 18.2 27.4

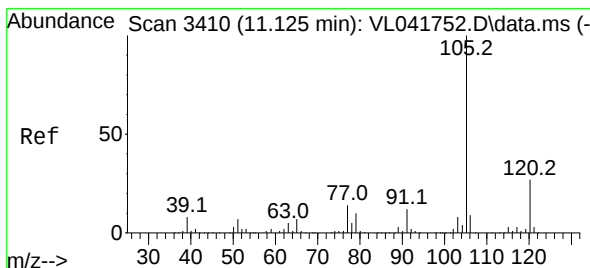
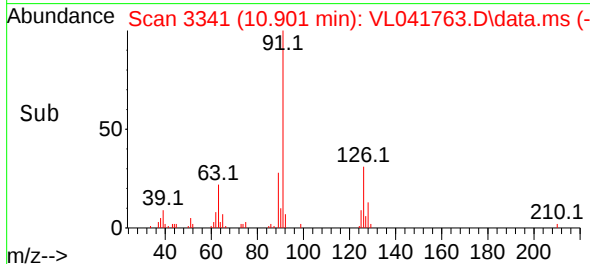
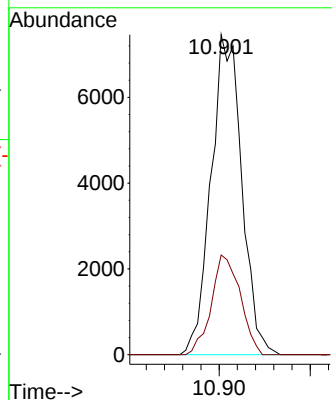
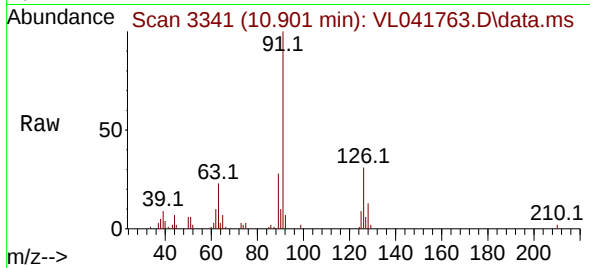




#71
2-Chlorotoluene
Concen: 0.372 ppbv
RT: 10.901 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

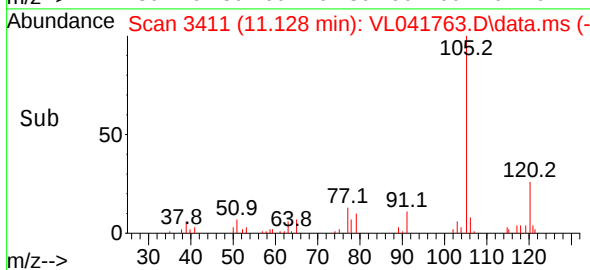
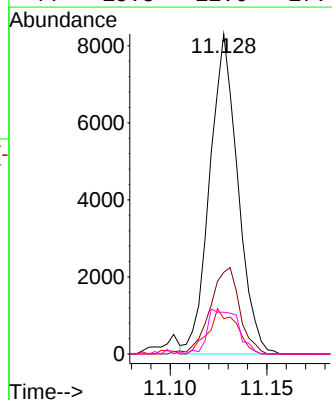
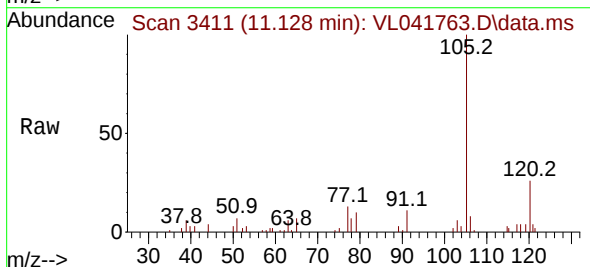
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

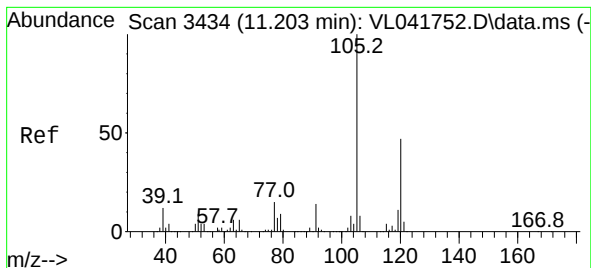
Tgt Ion: 91 Resp: 8740
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.347 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion: 105 Resp: 8385
Ion Ratio Lower Upper
105 100
120 28.4 23.3 34.9
91 14.8 10.9 16.3
77 15.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.342 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

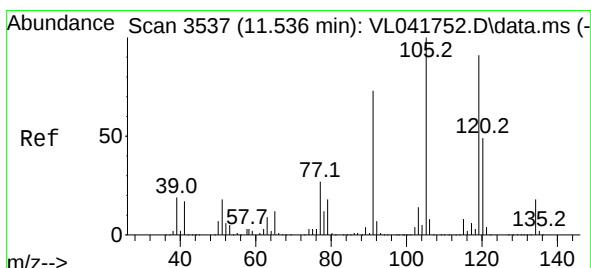
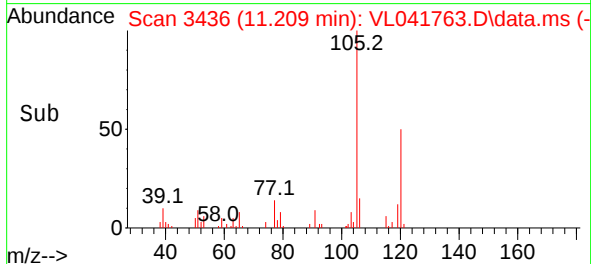
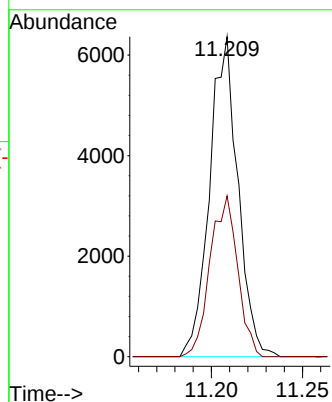
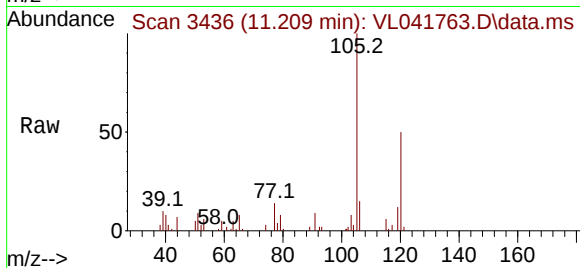
MDL 0.4

Tgt Ion:105 Resp: 6863

Ion Ratio Lower Upper

105 100

120 50.3 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 0.348 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Tgt Ion:105 Resp: 7498

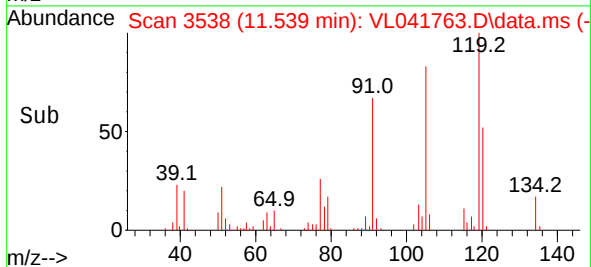
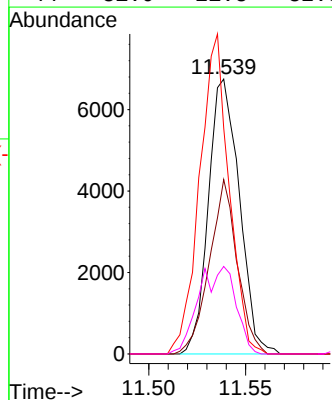
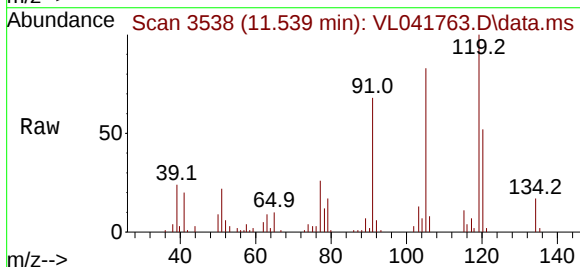
Ion Ratio Lower Upper

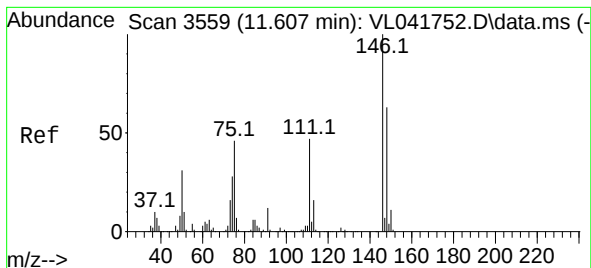
105 100

120 63.4 39.0 58.4#

91 82.2 58.1 87.1

77 31.9 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 0.434 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

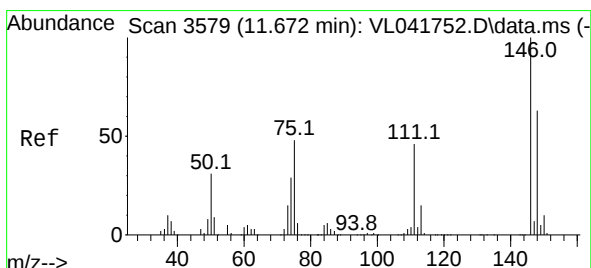
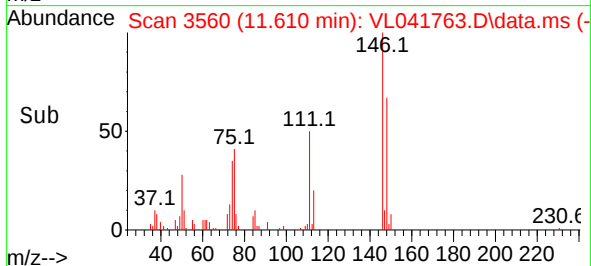
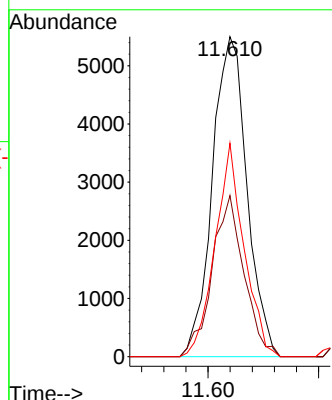
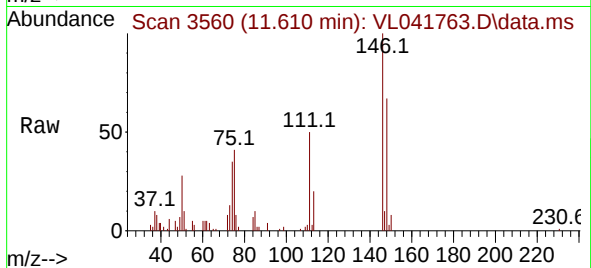
Tgt Ion:146 Resp: 5973

Ion Ratio Lower Upper

146 100

111 46.6 23.4 70.3

148 55.9 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.425 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

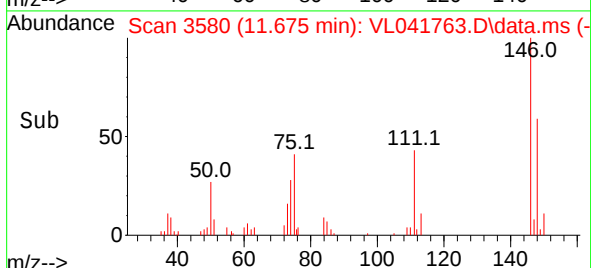
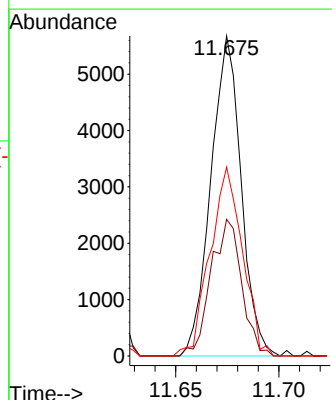
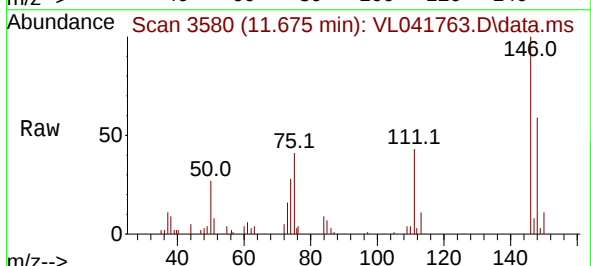
Tgt Ion:146 Resp: 5780

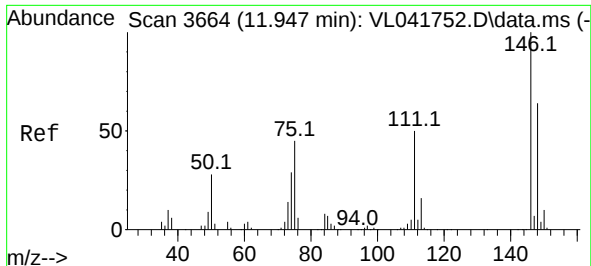
Ion Ratio Lower Upper

146 100

111 43.3 22.7 68.1

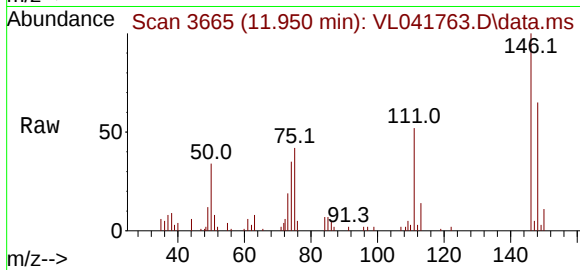
148 63.4 31.4 94.0



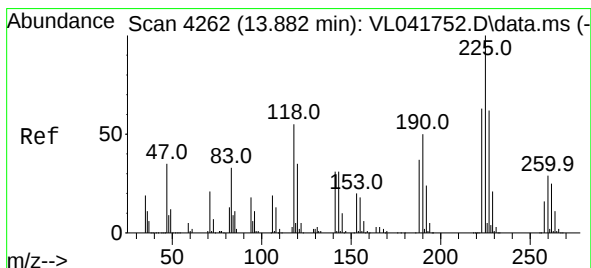
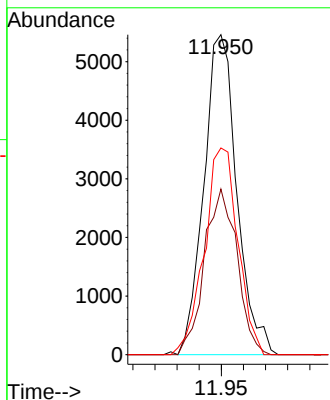
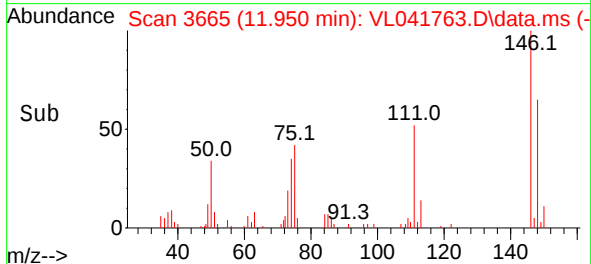


#77
1,2-Dichlorobenzene
Concen: 0.428 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

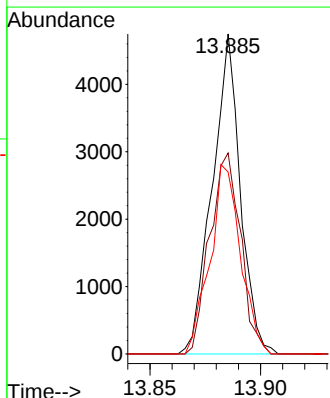
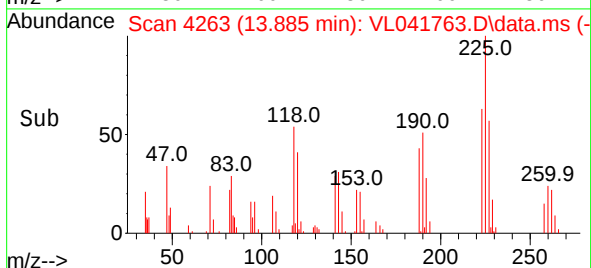
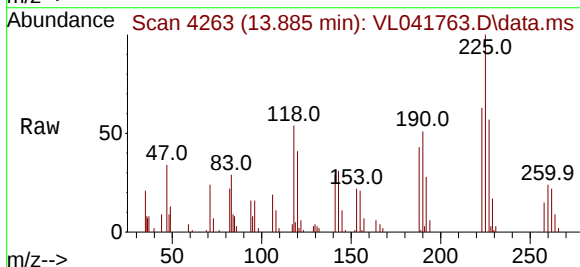


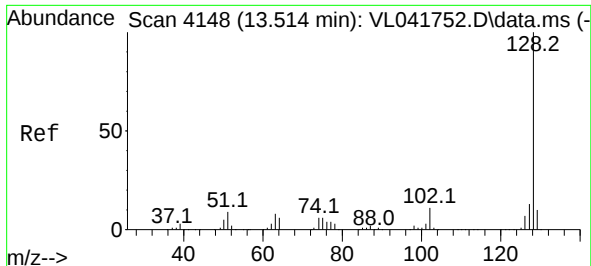
Tgt Ion:146 Resp: 5668
Ion Ratio Lower Upper
146 100
111 51.3 24.8 74.3
148 65.8 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.427 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041763.D
Acq: 16 Dec 2024 21:52

Tgt Ion:225 Resp: 4193
Ion Ratio Lower Upper
225 100
223 69.1 50.5 75.7
227 64.3 50.3 75.5





#79

Naphthalene

Concen: 0.260 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

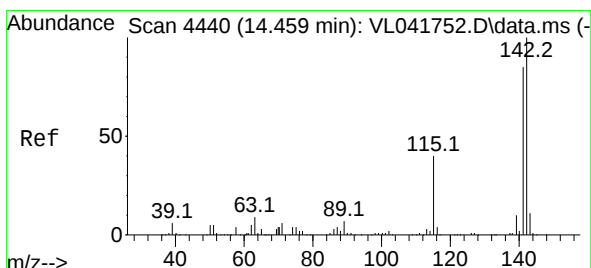
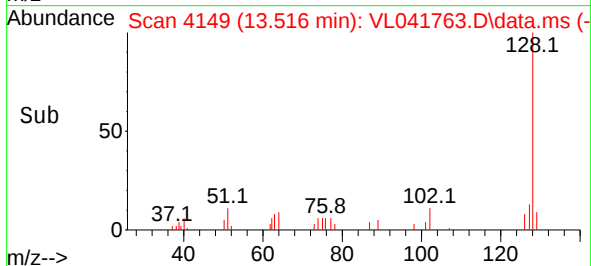
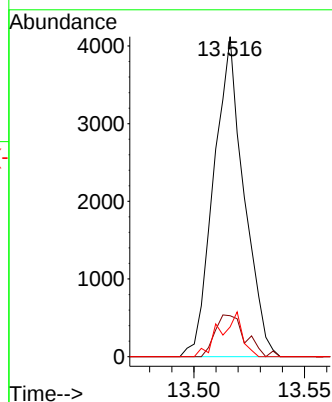
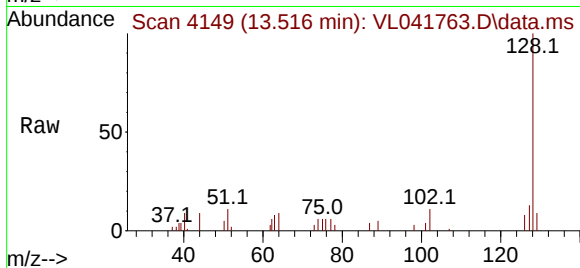
Tgt Ion:128 Resp: 3904

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 9.3 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 0.087 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL041763.D

Acq: 16 Dec 2024 21:52

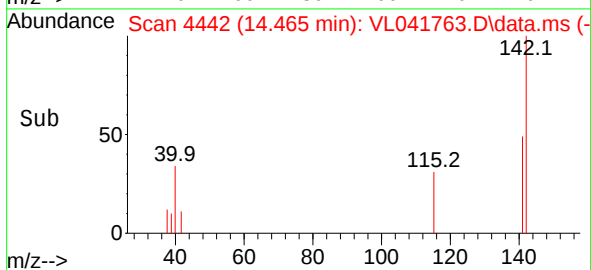
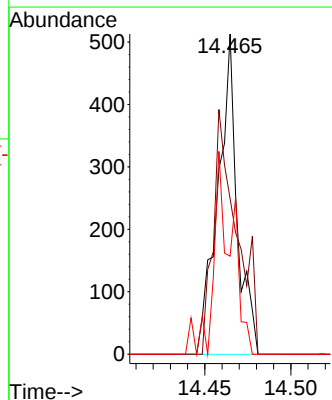
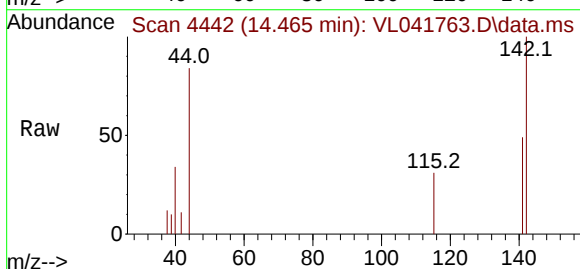
Tgt Ion:142 Resp: 403

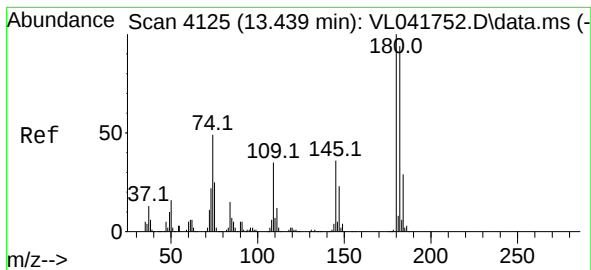
Ion Ratio Lower Upper

142 100

141 91.8 68.4 102.6

115 59.8 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.331 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041763.D

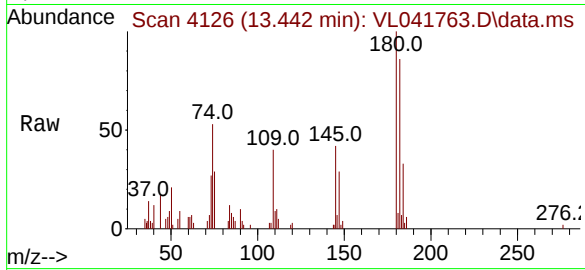
Acq: 16 Dec 2024 21:52

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4



Tgt Ion:180 Resp: 2717

Ion Ratio Lower Upper

180 100

182 98.0 77.0 115.6

184 34.7 23.8 35.8

