

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041824.D
 Acq On : 19 Dec 2024 17:08
 Operator : SY/MD
 Sample : P5296-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 01:45:50 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)

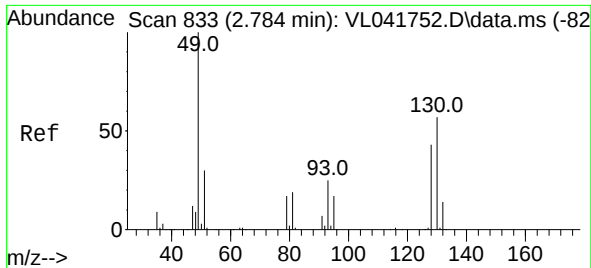
Internal Standards						
1) Bromochloromethane	2.793	49	79104	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	180475	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	190007	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	159349	10.064	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.495	85	3973	0.282	ppbv	100
3) Chlorodifluoromethane	1.473	51	6073	0.471	ppbv #	75
4) Chloromethane	1.528	50	1573	0.286	ppbv	93
7) Chloroethane	1.703	64	75	0.035	ppbv #	40
9) Propene	1.486	41	3595	0.643	ppbv	92
10) Heptane	4.994	43	732	0.051	ppbv #	29
11) Trichlorofluoromethane	1.881	101	3153	0.211	ppbv	84
12) 1,1,2-Trichlorotrifluo...	2.146	101	663	0.058	ppbv	89
13) Ethanol	1.722	45	35402	76.465	ppbv	92
15) Acetone	1.839	43	45561	2.960	ppbv	100
16) 1,3-Butadiene	1.618	39	3712	0.612	ppbv #	23
17) tert-Butyl alcohol	2.046	59	5924	0.388	ppbv #	92
19) Isopropyl Alcohol	1.890	45	21074	2.282	ppbv #	39
20) Methylene Chloride	2.068	84	2125	0.484	ppbv	96
23) Vinyl Acetate	2.457	43	11989	1.678	ppbv #	88
25) Ethyl Acetate	2.842	43	10212	0.357	ppbv #	93
26) Hexane	2.832	57	2586	0.238	ppbv #	32
27) Carbon Disulfide	2.149	76	1561	0.159	ppbv #	1
29) Chloroform	2.855	83	2688	0.162	ppbv	99
30) Cyclohexane	3.865	84	1027	0.111	ppbv #	37
34) 2-Butanone	2.564	43	11025	0.759	ppbv	96
36) Benzene	3.667	78	1600	0.086	ppbv #	82
39) 1,2-Dichloropropane	3.968	63	51442	7.619	ppbv #	18
41) Tetrahydrofuran	3.065	42	3977	0.489	ppbv	92
50) 4-Methyl-2-Pentanone	5.765	43	1106	0.056	ppbv #	41
51) 2-Hexanone	7.457	43	616	0.038	ppbv #	1
52) Tetrachloroethene	8.231	164	1753	0.252	ppbv	91
53) Toluene	6.939	91	106894	5.050	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.940	131	357	0.035	ppbv #	1
57) Chlorobenzene	8.920	112	3741	0.192	ppbv #	96
58) Ethyl Benzene	9.357	91	25209	0.737	ppbv	99
59) m/p-Xylene	9.535	91	86836	3.157	ppbv #	100
60) o-Xylene	9.966	91	34348	1.245	ppbv	98
61) Styrene	9.872	104	9624	0.807	ppbv	95
64) n-propylbenzene	10.989	120	371	0.035	ppbv #	29
66) Benzyl Chloride	11.616	91	401	0.122	ppbv #	91
72) 4-Ethyltoluene	11.128	105	2003	0.062	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.202	105	1212	0.045	ppbv #	84
74) 1,2,4-Trimethylbenzene	11.539	105	7727	0.266	ppbv #	53
81) 1,2,4-Trichlorobenzene	13.439	180	363	0.033	ppbv #	78

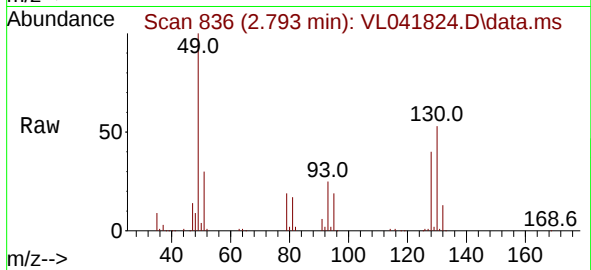
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_L
ClientSampleId :

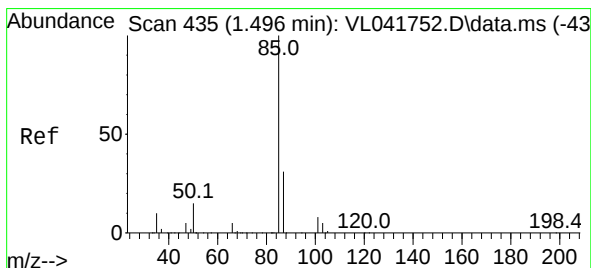
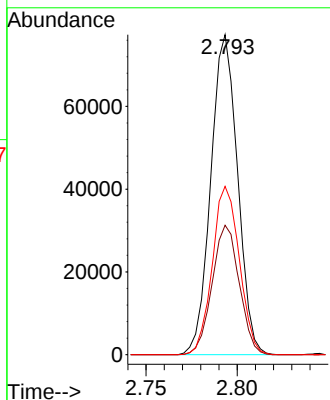
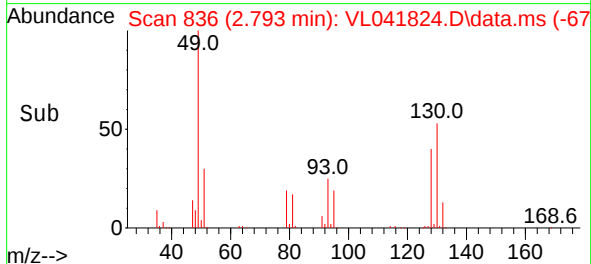


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Instrument :
MSVOA_L
ClientSampleId :

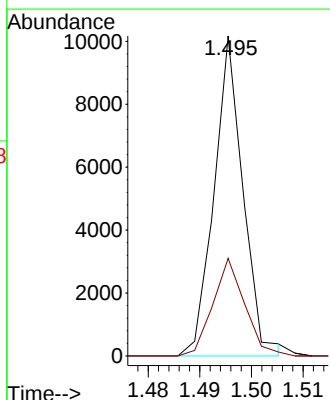
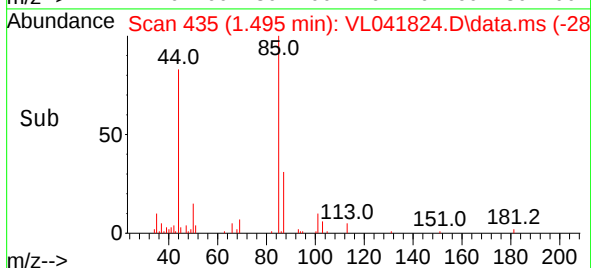
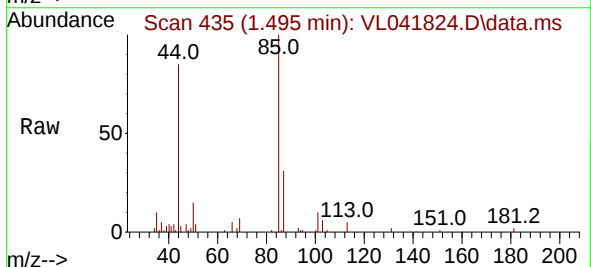


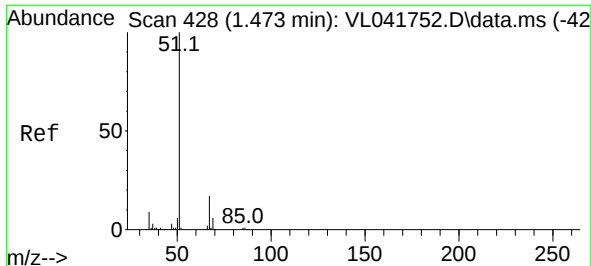
Tgt Ion: 49 Resp: 79104
Ion Ratio Lower Upper
49 100
128 40.9 21.6 64.6
130 53.0 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.282 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 85 Resp: 3973
Ion Ratio Lower Upper
85 100
87 30.5 24.5 36.7

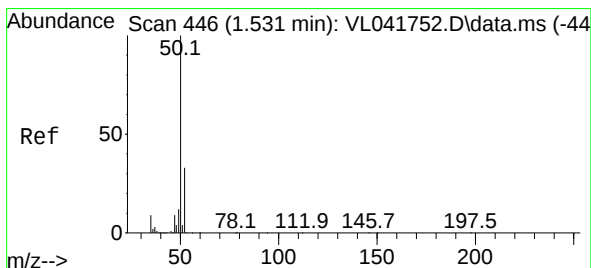
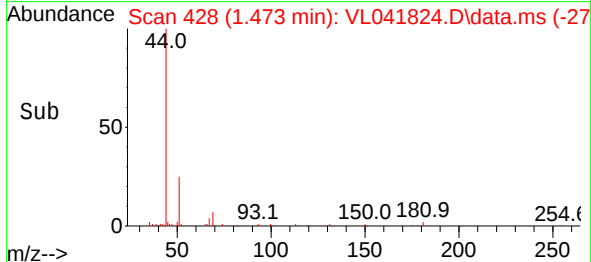
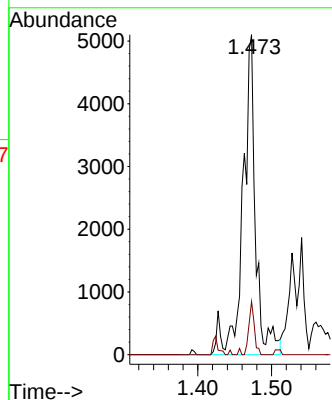
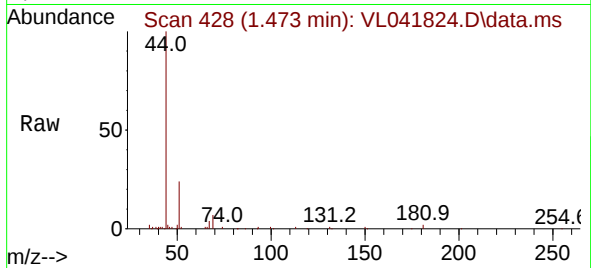




#3
Chlorodifluoromethane
Concen: 0.471 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

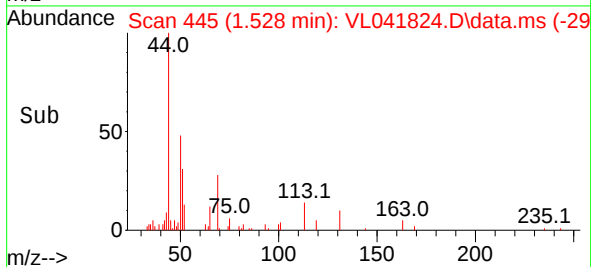
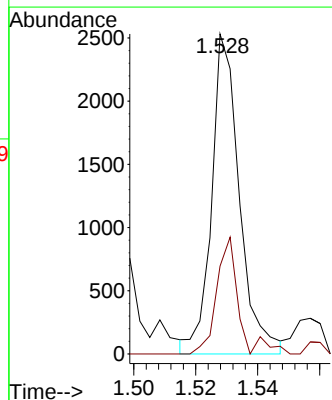
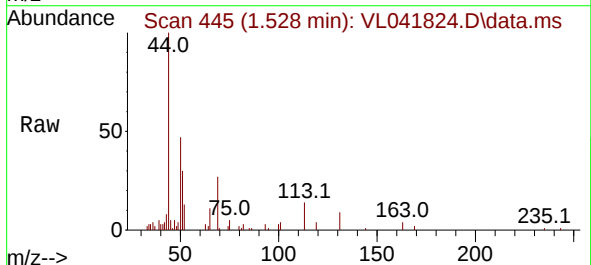
Instrument :
MSVOA_L
ClientSampleId :

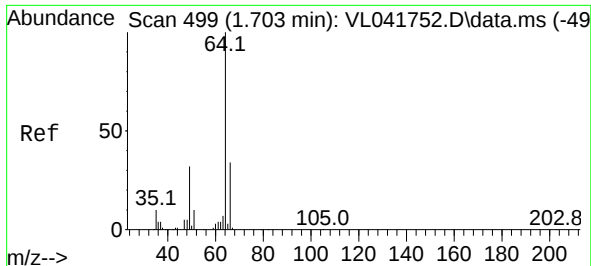
Tgt Ion: 51 Resp: 6073
Ion Ratio Lower Upper
51 100
67 7.5 15.0 22.4#



#4
Chloromethane
Concen: 0.286 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.004 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 28.6 26.2 39.2

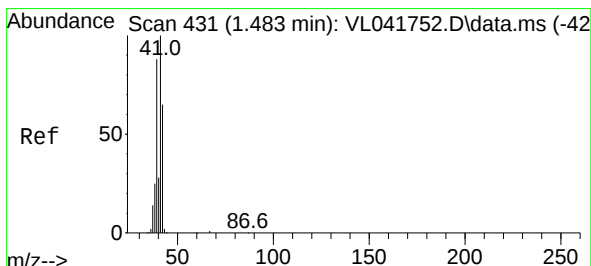
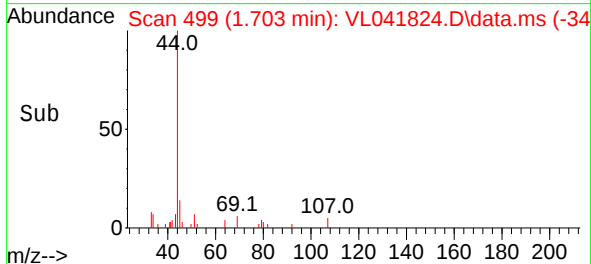
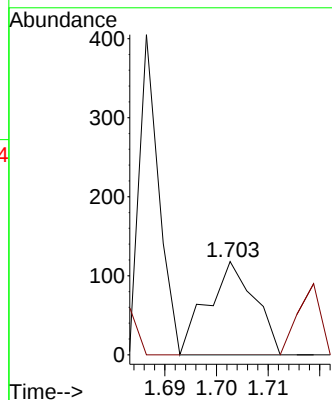
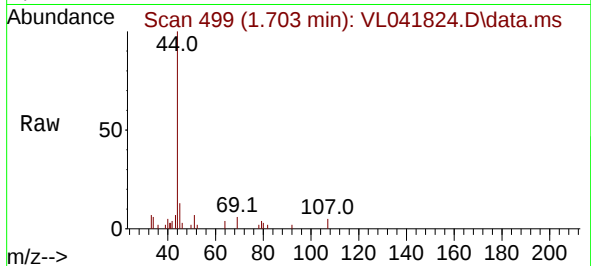




#7
Chloroethane
Concen: 0.035 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

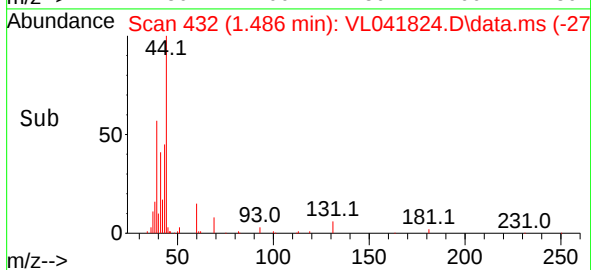
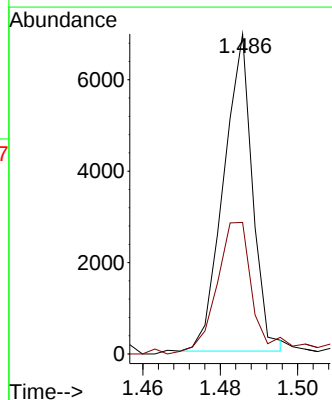
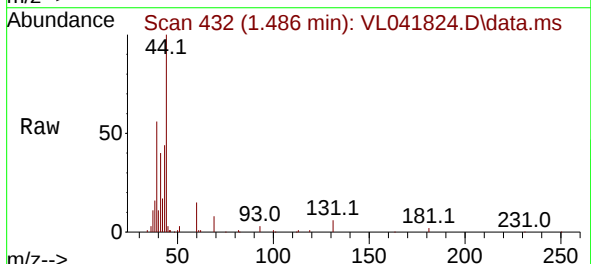
Instrument :
MSVOA_L
ClientSampleId :

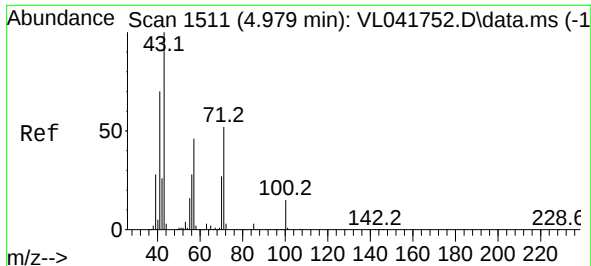
Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



#9
Propene
Concen: 0.643 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 41 Resp: 3595
Ion Ratio Lower Upper
41 100
42 59.2 52.4 78.6





#10

Heptane

Concen: 0.051 ppbv

RT: 4.994 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

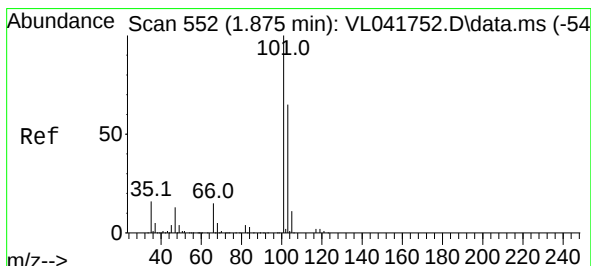
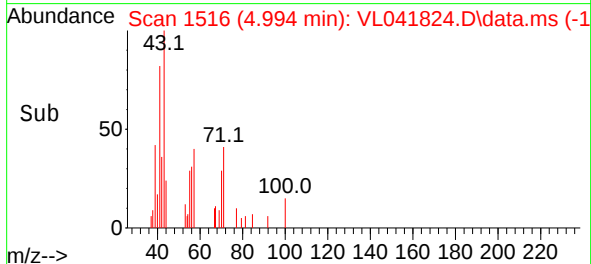
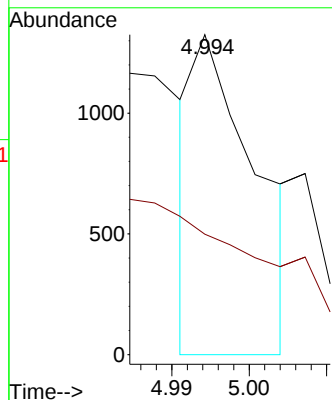
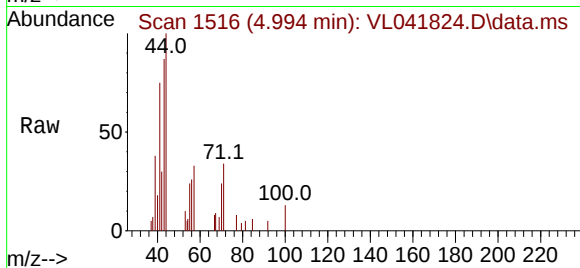
ClientSampleId :

Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7#



#11

Trichlorofluoromethane

Concen: 0.211 ppbv

RT: 1.881 min Scan# 554

Delta R.T. 0.006 min

Lab File: VL041824.D

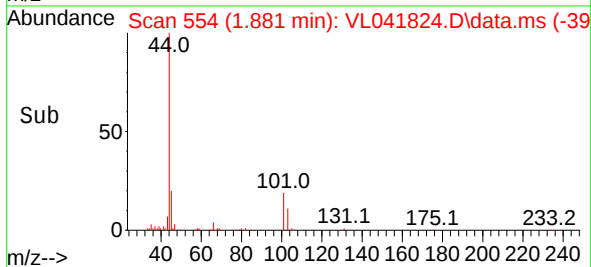
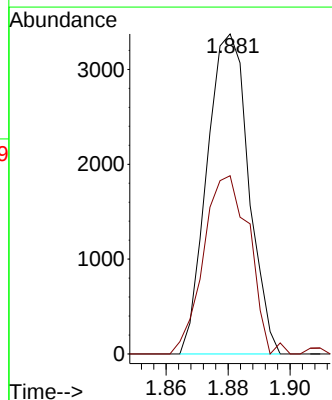
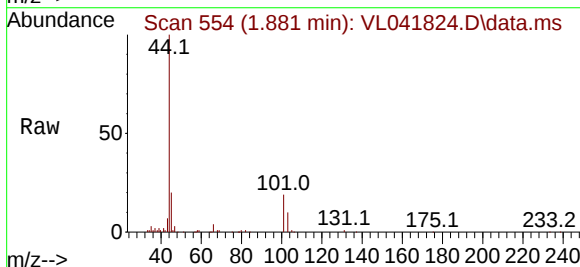
Acq: 19 Dec 2024 17:08

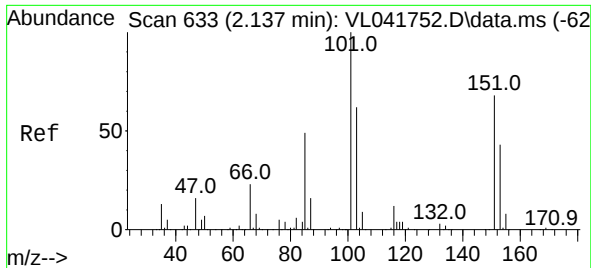
Tgt Ion:101 Resp: 3153

Ion Ratio Lower Upper

101 100

103 52.3 51.8 77.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.058 ppbv

RT: 2.146 min Scan# 60

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

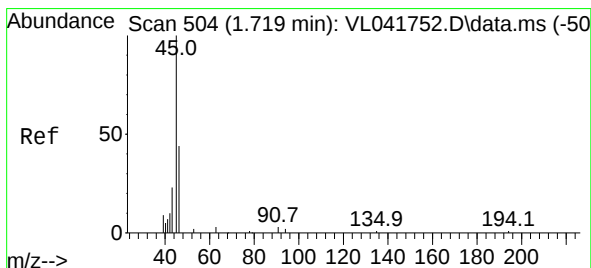
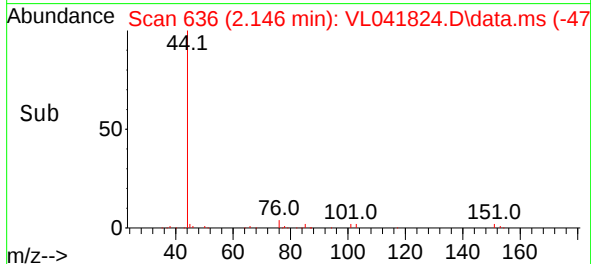
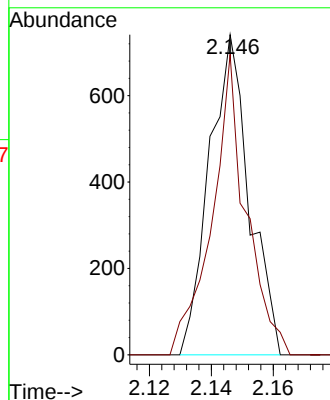
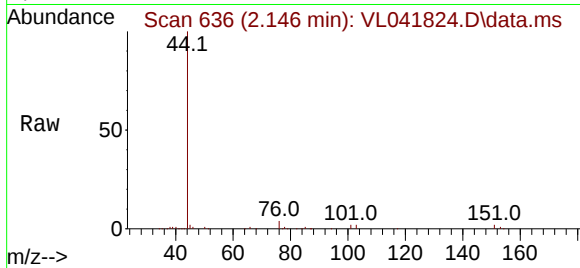
ClientSampleId :

Tgt Ion:101 Resp: 663

Ion Ratio Lower Upper

101 100

151 79.9 56.8 85.2



#13

Ethanol

Concen: 76.465 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.003 min

Lab File: VL041824.D

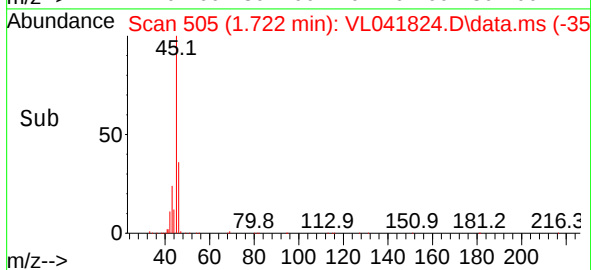
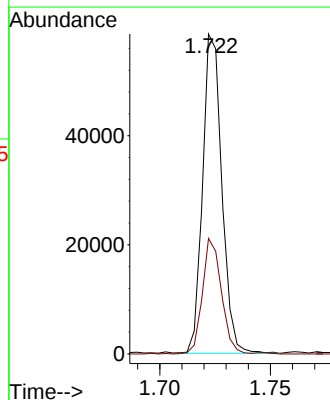
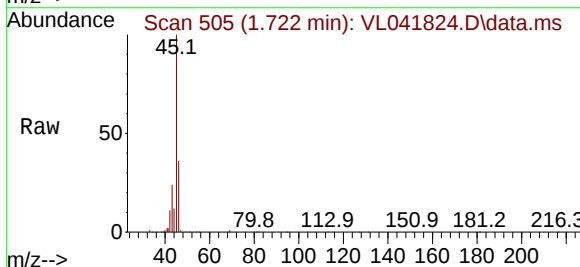
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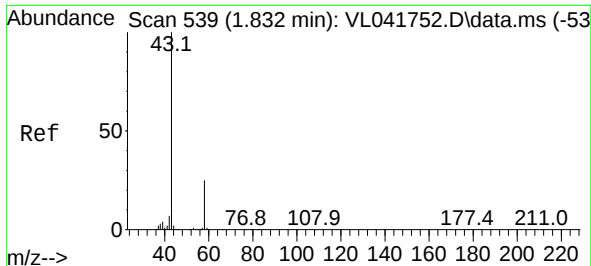
Tgt Ion: 45 Resp: 35402

Ion Ratio Lower Upper

45 100

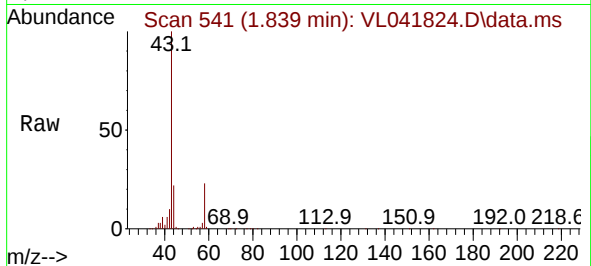
46 36.1 16.4 65.8



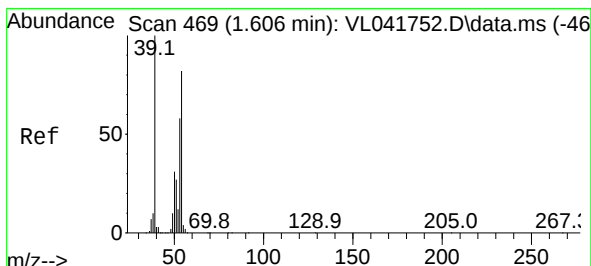
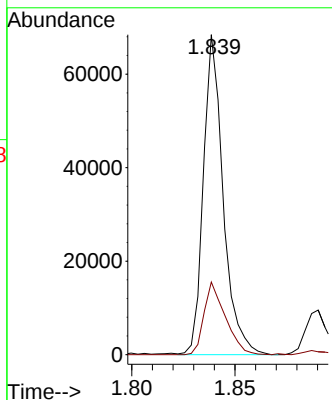
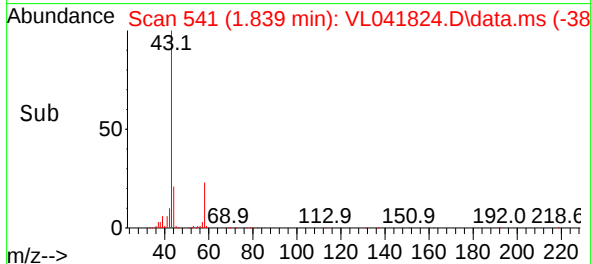


#15
Acetone
Concen: 2.960 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

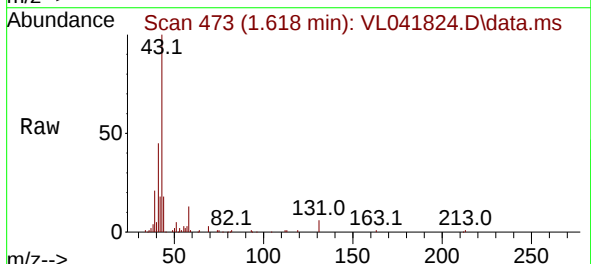
Instrument :
MSVOA_L
ClientSampleId :



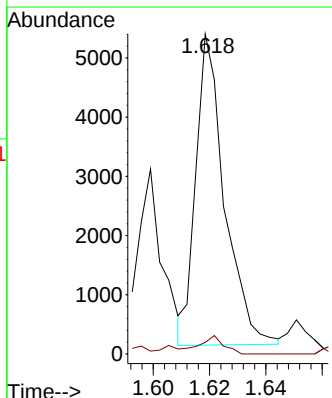
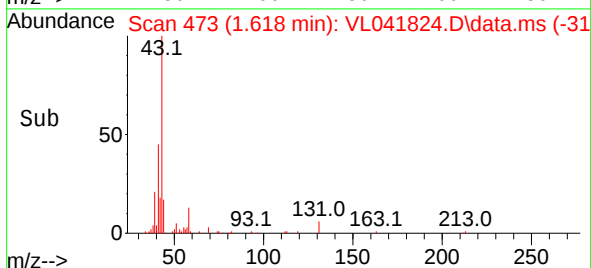
Tgt Ion: 43 Resp: 45561
Ion Ratio Lower Upper
43 100
58 24.5 19.7 29.5

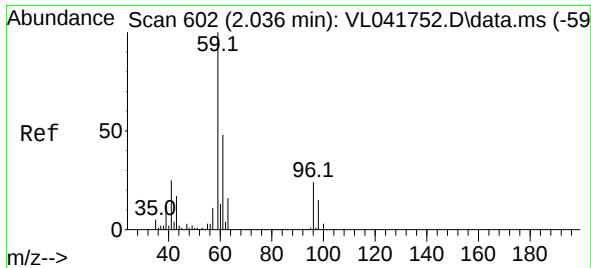


#16
1,3-Butadiene
Concen: 0.612 ppbv
RT: 1.618 min Scan# 473
Delta R.T. 0.013 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08



Tgt Ion: 39 Resp: 3712
Ion Ratio Lower Upper
39 100
54 8.0 58.4 87.6#

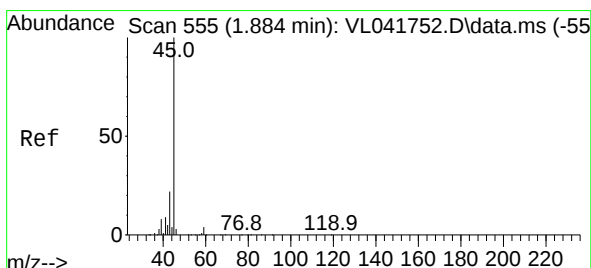
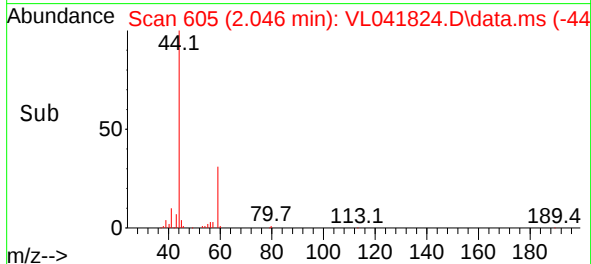
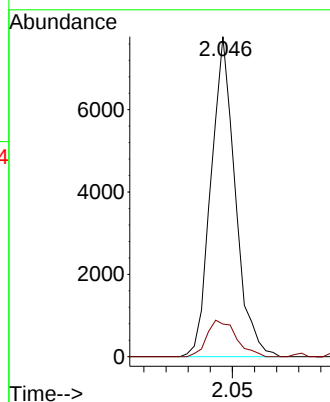
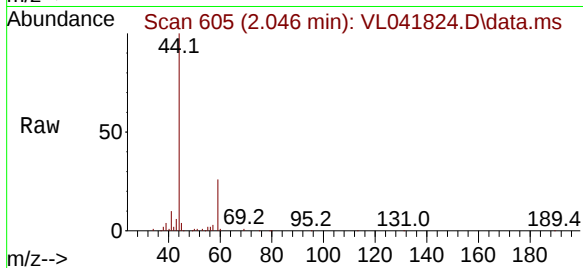




#17
tert-Butyl alcohol
Concen: 0.388 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

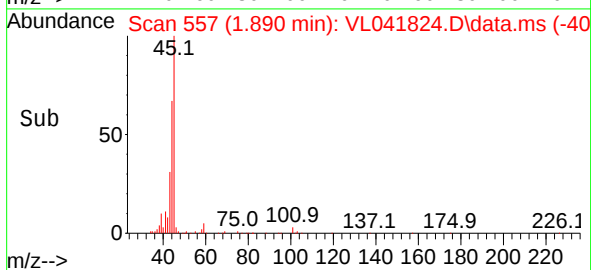
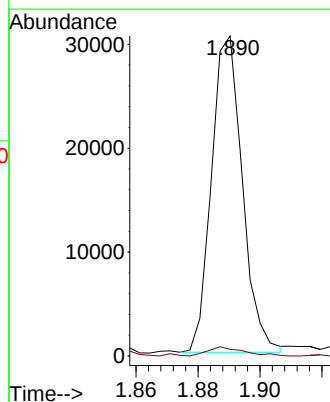
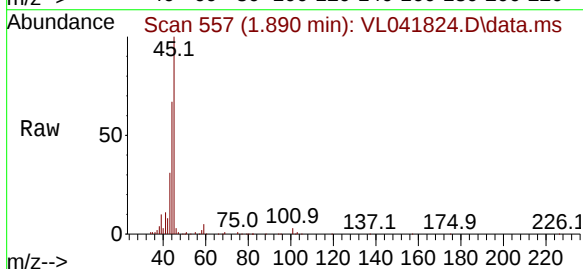
Instrument :
MSVOA_1
ClientSampleId :

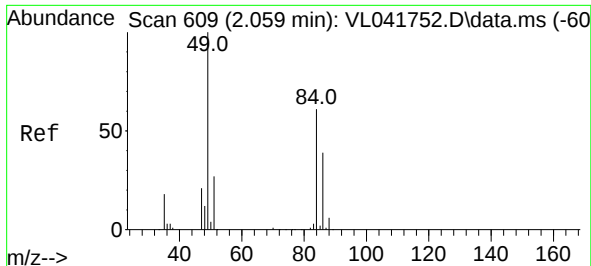
Tgt Ion: 59 Resp: 5924
Ion Ratio Lower Upper
59 100
57 13.7 8.6 13.0#



#19
Isopropyl Alcohol
Concen: 2.282 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 45 Resp: 21074
Ion Ratio Lower Upper
45 100
58 3.5 33.3 49.9#



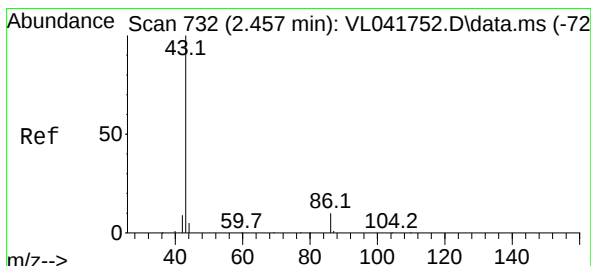
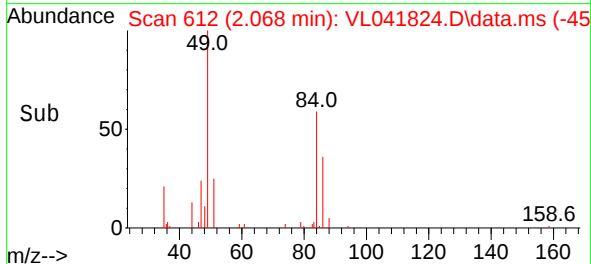
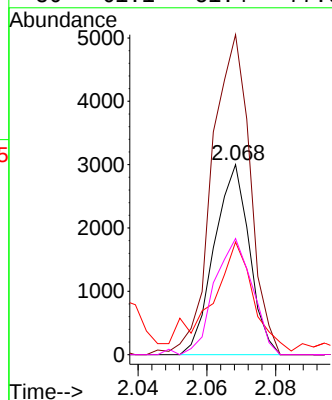
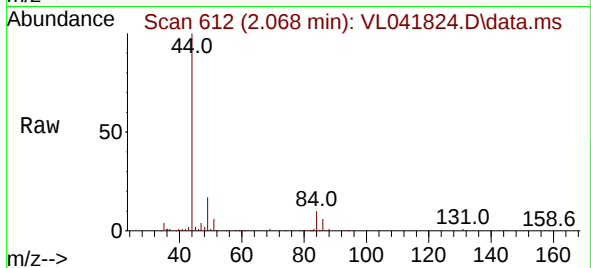


#20
Methylene Chloride
Concen: 0.484 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 2125

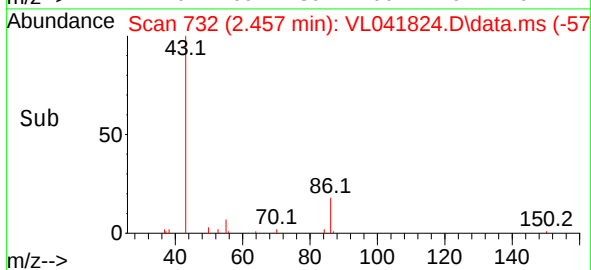
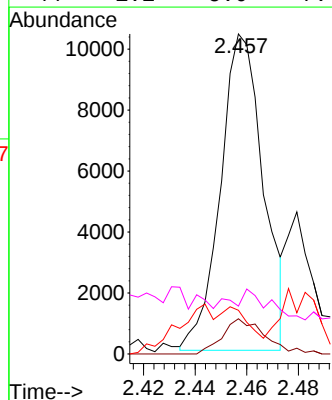
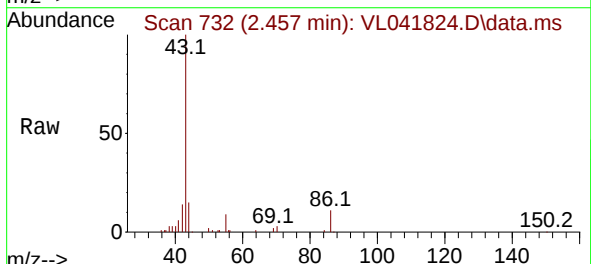
Ion	Ratio	Lower	Upper
84	100		
49	168.3	132.6	198.8
51	55.1	37.6	56.4
86	61.1	51.4	77.0

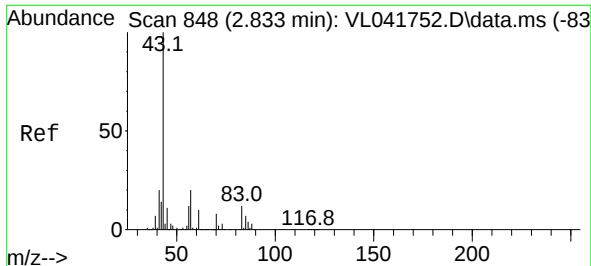


#23
Vinyl Acetate
Concen: 1.678 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.000 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 43 Resp: 11989

Ion	Ratio	Lower	Upper
43	100		
86	11.3	6.6	10.0#
42	5.8	8.2	12.2#
44	1.1	5.0	7.4#





#25

Ethyl Acetate

Concen: 0.357 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 10212

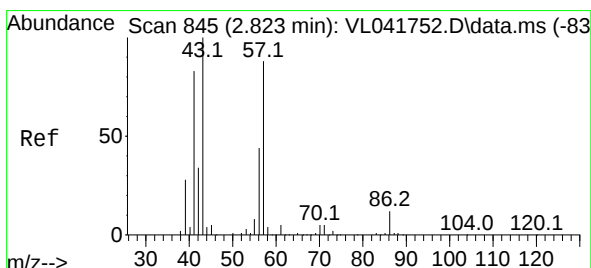
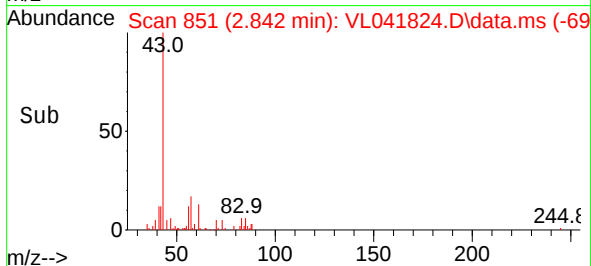
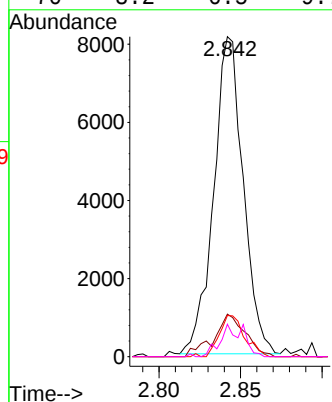
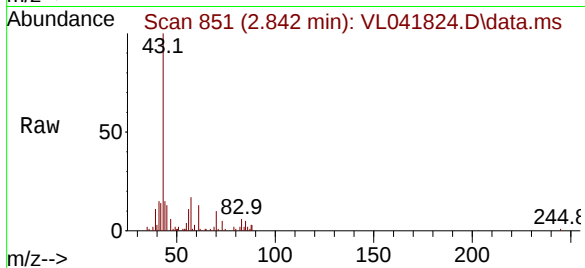
Ion Ratio Lower Upper

43 100

45 14.5 8.1 12.1#

61 11.2 7.0 10.6#

70 8.2 6.5 9.7



#26

Hexane

Concen: 0.238 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Tgt Ion: 57 Resp: 2586

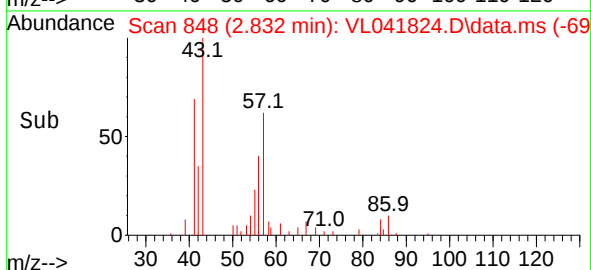
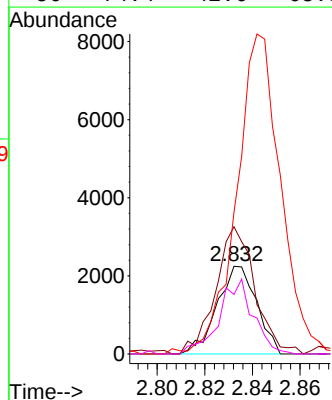
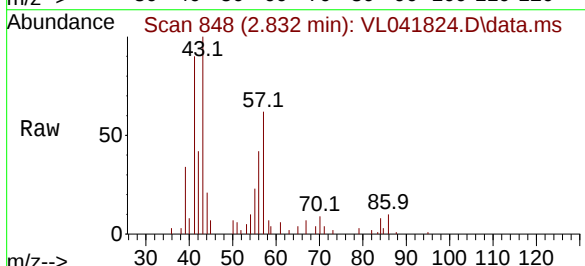
Ion Ratio Lower Upper

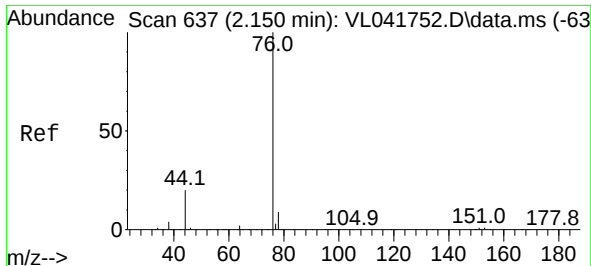
57 100

41 152.4 79.6 119.4#

43 411.8 211.0 316.6#

56 74.4 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.159 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

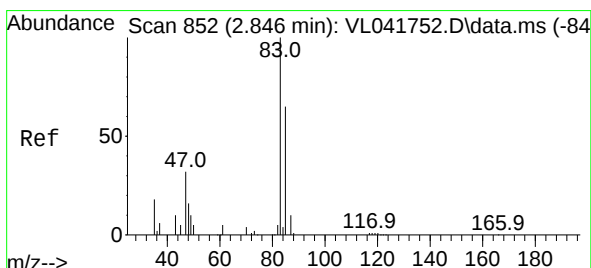
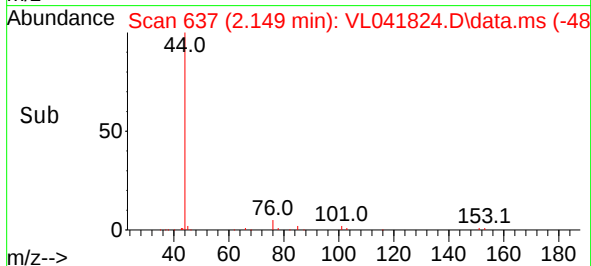
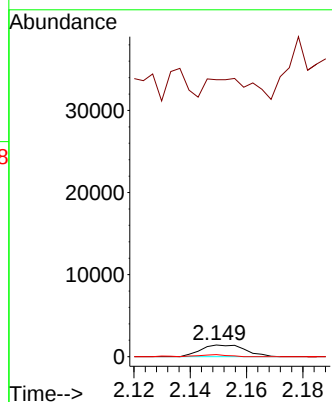
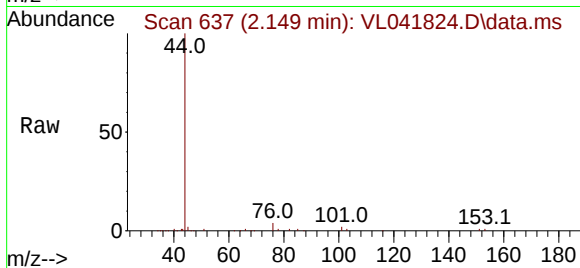
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1561

Ion	Ratio	Lower	Upper
76	100		
44	12440.9	17.6	26.4#
78	13.0	10.2	15.4



#29

Chloroform

Concen: 0.162 ppbv

RT: 2.855 min Scan# 855

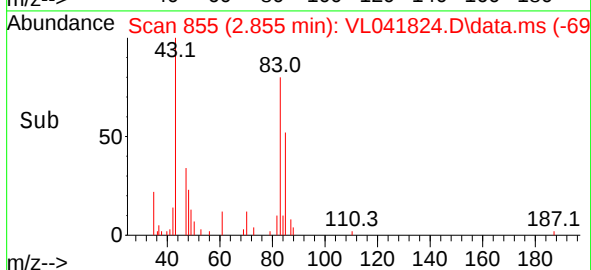
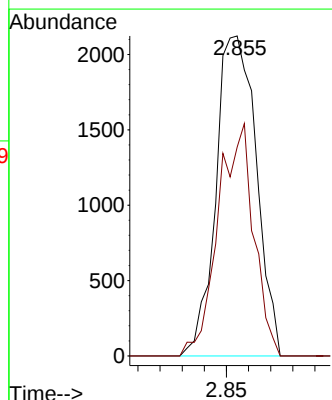
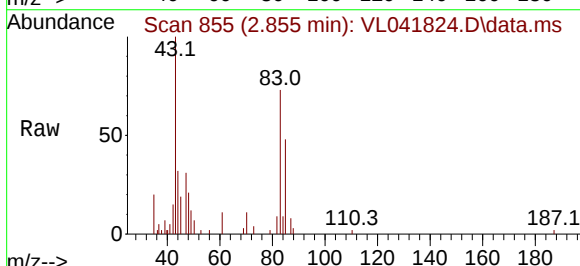
Delta R.T. 0.009 min

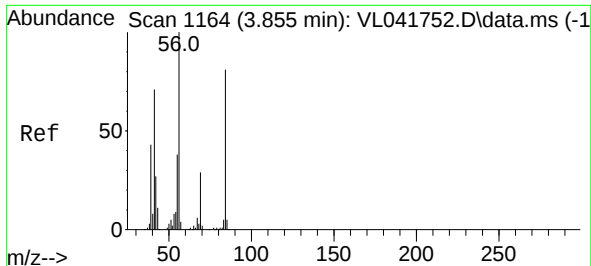
Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Tgt Ion: 83 Resp: 2688

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6





#30

Cyclohexane

Concen: 0.111 ppbv

RT: 3.865 min Scan# 1164

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

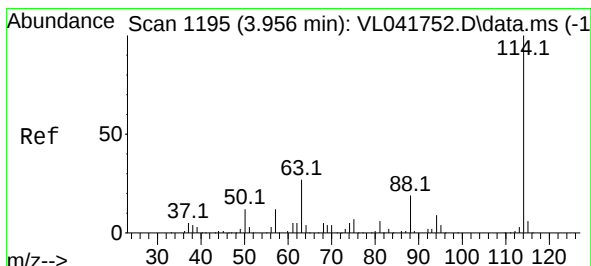
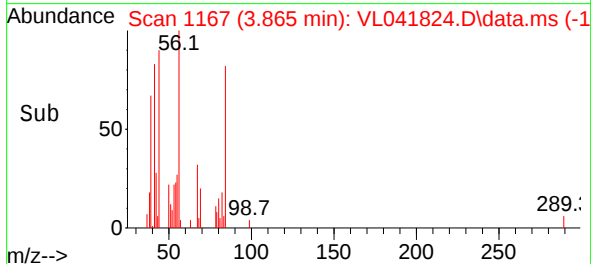
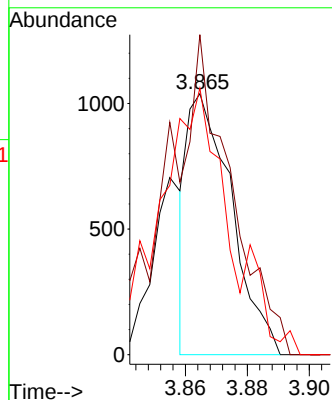
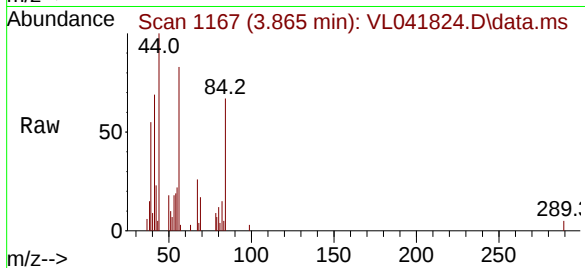
Tgt Ion: 84 Resp: 1027

Ion Ratio Lower Upper

84 100

56 178.4 102.3 153.5#

41 177.9 74.0 111.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

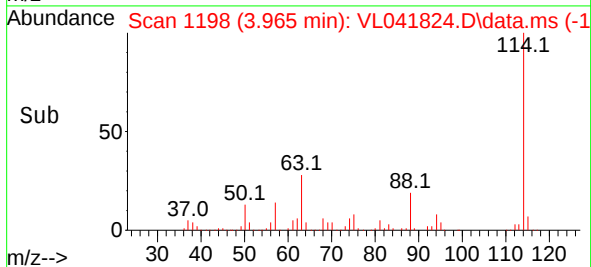
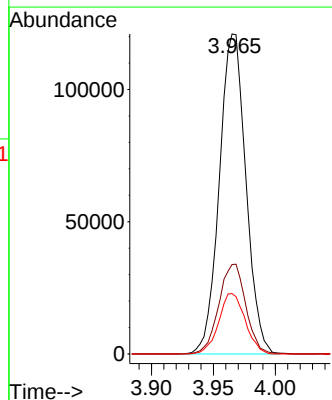
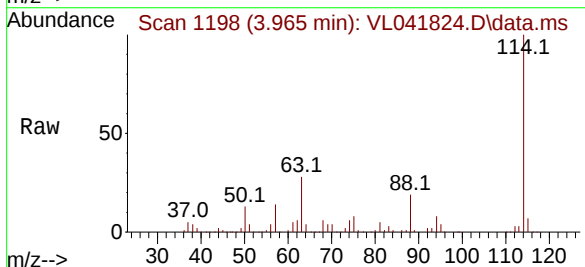
Tgt Ion: 114 Resp: 180475

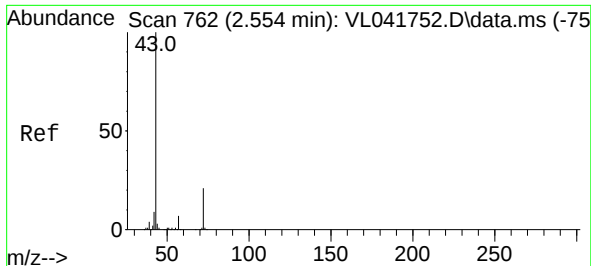
Ion Ratio Lower Upper

114 100

63 28.5 21.8 32.8

88 18.9 14.8 22.2





#34

2-Butanone

Concen: 0.759 ppbv

RT: 2.564 min Scan# 71

Delta R.T. 0.009 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

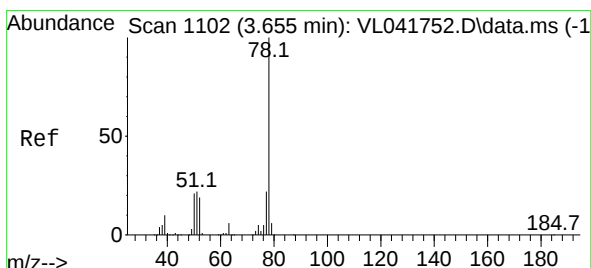
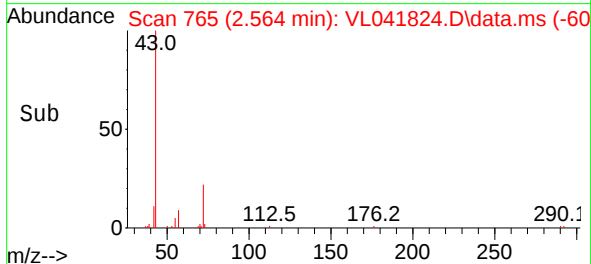
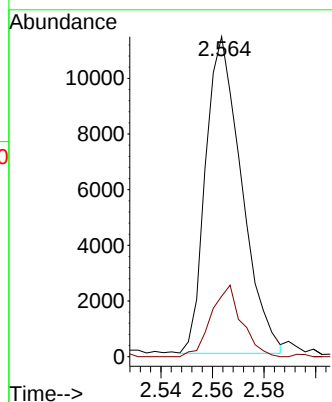
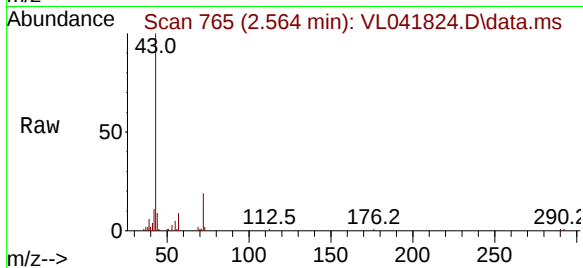
ClientSampleId :

Tgt Ion: 43 Resp: 11025

Ion Ratio Lower Upper

43 100

72 19.3 16.8 25.2



#36

Benzene

Concen: 0.086 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. 0.013 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

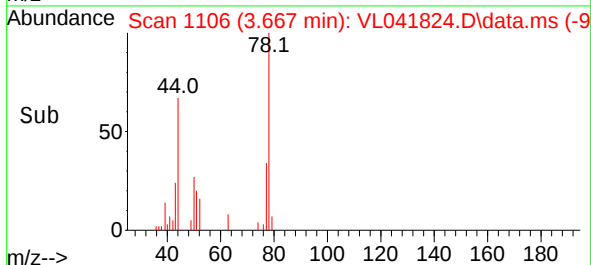
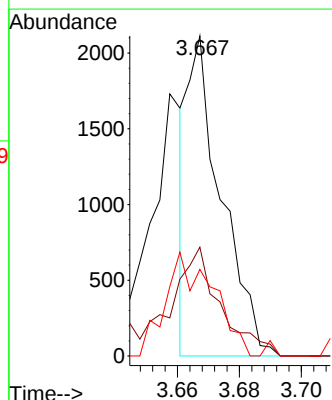
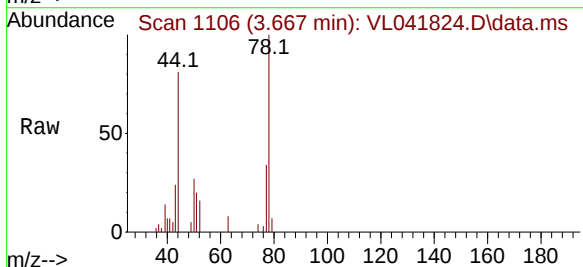
Tgt Ion: 78 Resp: 1600

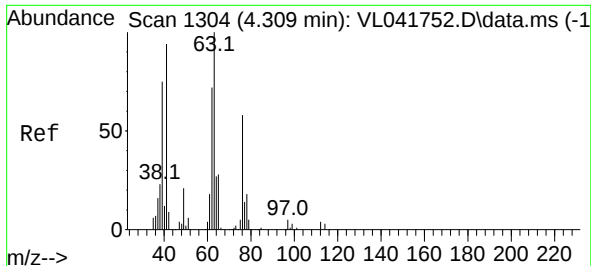
Ion Ratio Lower Upper

78 100

77 34.0 17.8 26.6#

50 27.1 17.2 25.8#





#39

1,2-Dichloropropane

Concen: 7.619 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.340 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

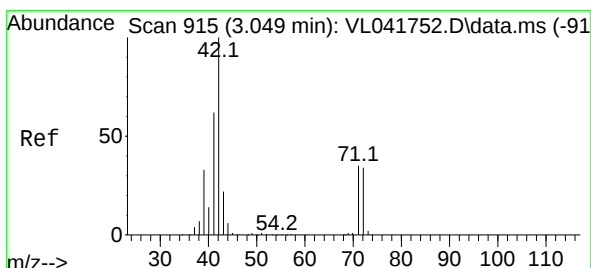
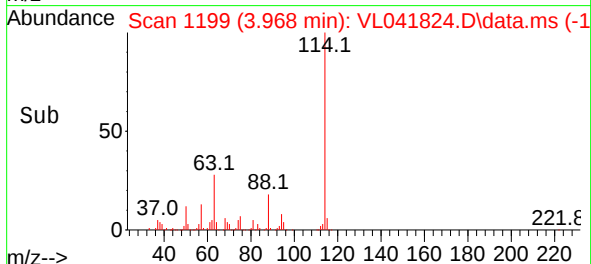
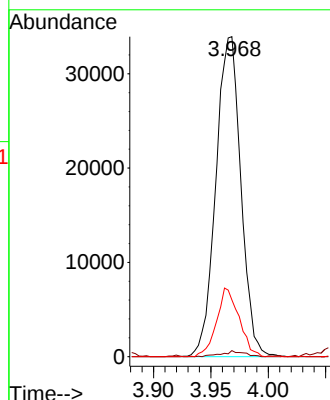
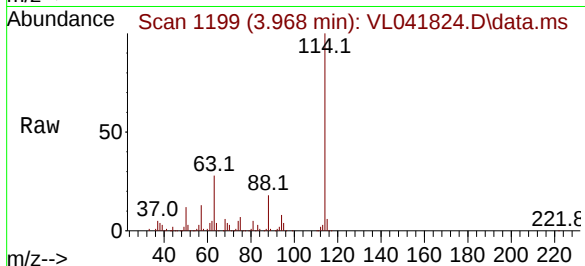
Tgt Ion: 63 Resp: 51442

Ion Ratio Lower Upper

63 100

41 1.7 75.3 112.9#

62 17.8 57.3 85.9#



#41

Tetrahydrofuran

Concen: 0.489 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.016 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

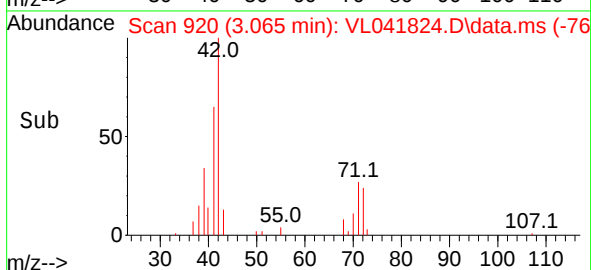
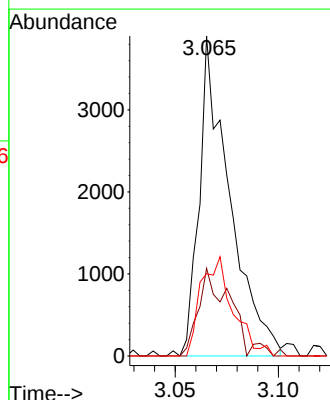
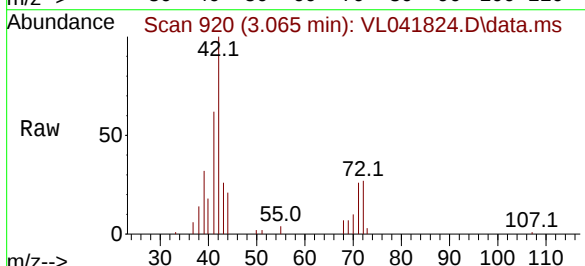
Tgt Ion: 42 Resp: 3977

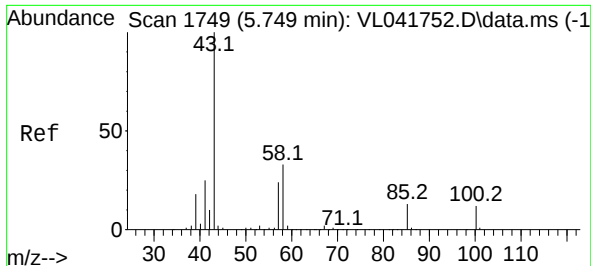
Ion Ratio Lower Upper

42 100

72 29.4 29.1 43.7

71 32.9 28.4 42.6





#50

4-Methyl-2-Pentanone

Concen: 0.056 ppbv

RT: 5.765 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

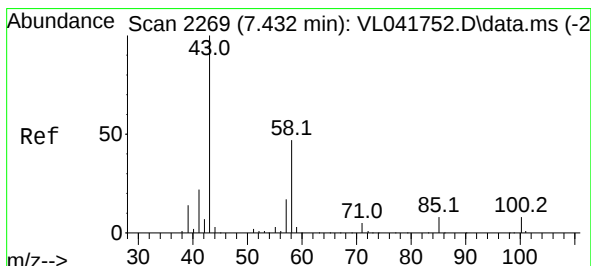
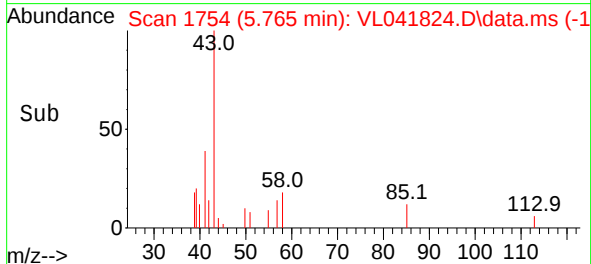
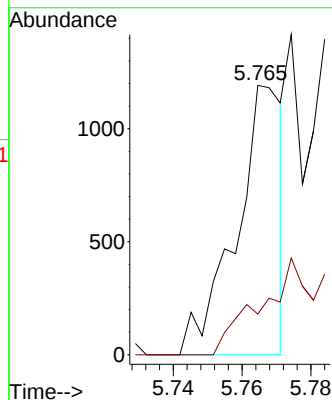
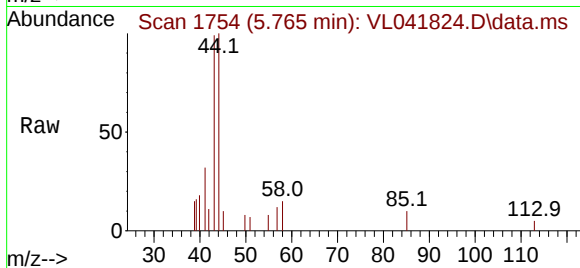
ClientSampleId :

Tgt Ion: 43 Resp: 1106

Ion Ratio Lower Upper

43 100

58 0.0 26.8 40.2#



#51

2-Hexanone

Concen: 0.038 ppbv

RT: 7.457 min Scan# 2277

Delta R.T. 0.025 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

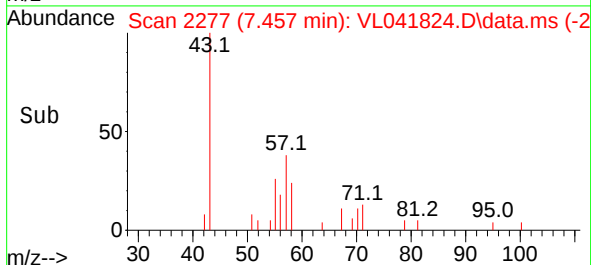
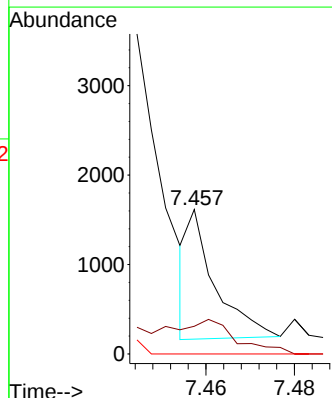
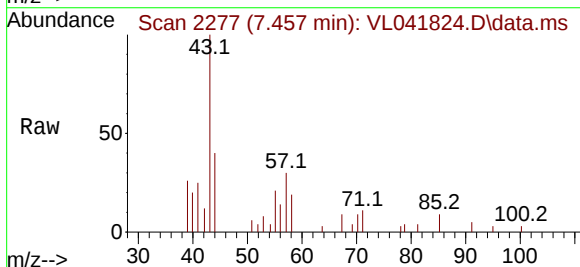
Tgt Ion: 43 Resp: 616

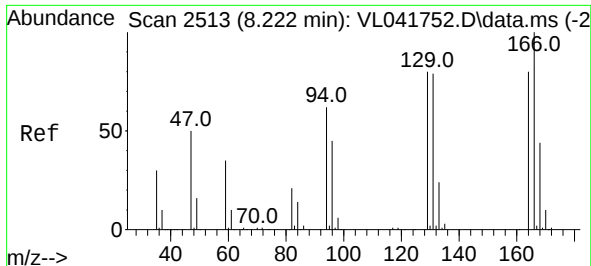
Ion Ratio Lower Upper

43 100

58 121.3 36.6 55.0#

98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.252 ppbv

RT: 8.231 min Scan# 2117

Delta R.T. 0.009 min

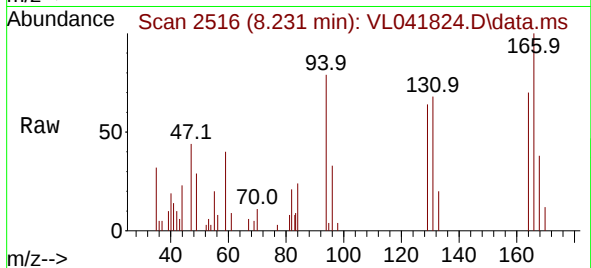
Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 1753

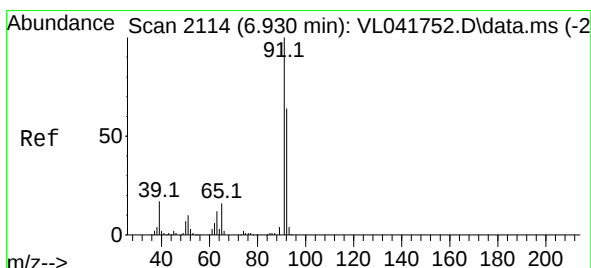
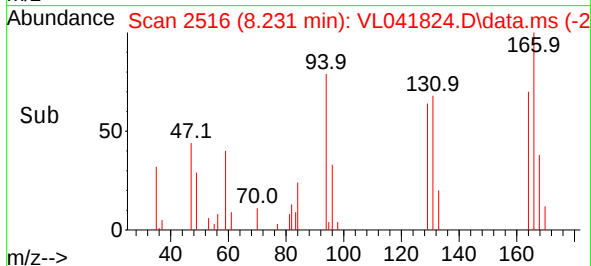
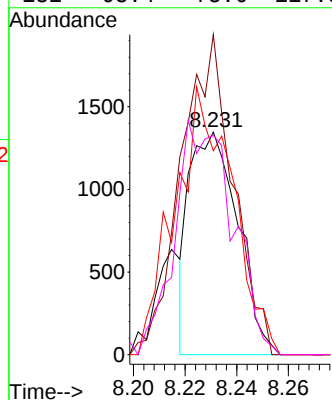
Ion Ratio Lower Upper

164 100

166 143.7 99.8 149.6

129 91.5 79.6 119.4

131 98.4 78.6 117.8



#53

Toluene

Concen: 5.050 ppbv

RT: 6.939 min Scan# 2117

Delta R.T. 0.009 min

Lab File: VL041824.D

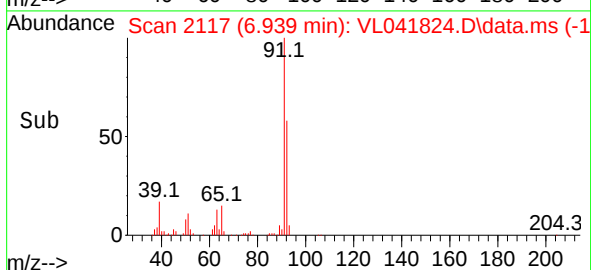
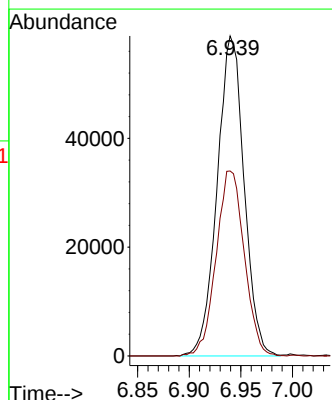
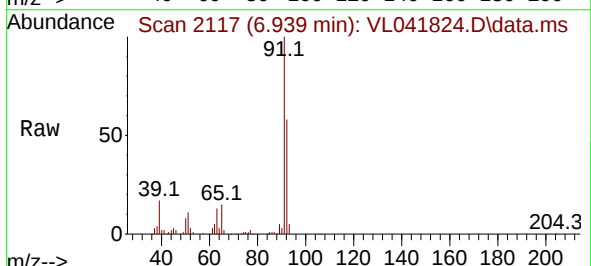
Acq: 19 Dec 2024 17:08

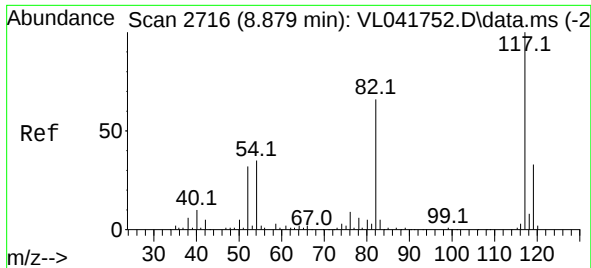
Tgt Ion: 91 Resp: 106894

Ion Ratio Lower Upper

91 100

92 60.4 47.9 71.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

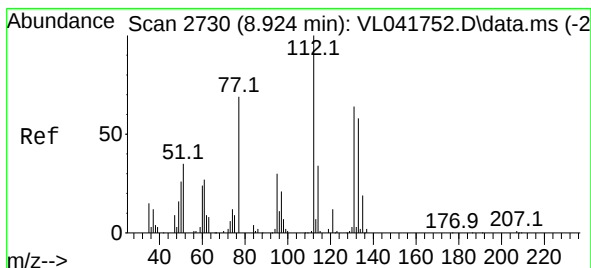
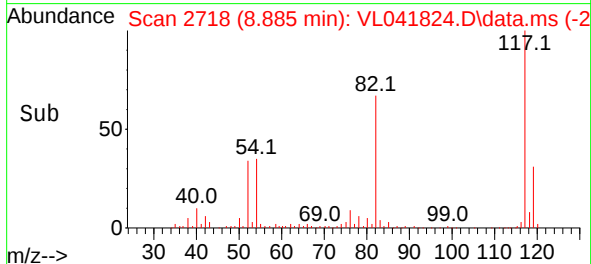
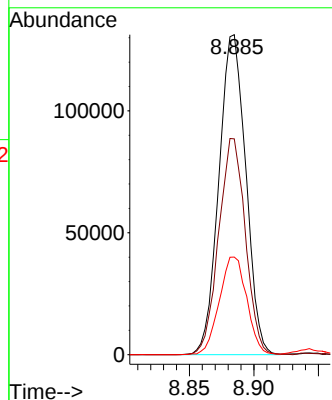
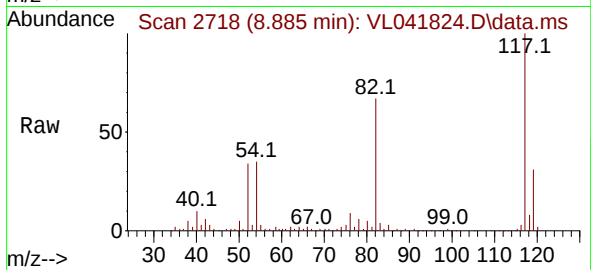
Tgt Ion:117 Resp: 190007

Ion Ratio Lower Upper

117 100

82 67.1 53.8 80.8

119 31.2 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.035 ppbv

RT: 8.940 min Scan# 2735

Delta R.T. 0.016 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

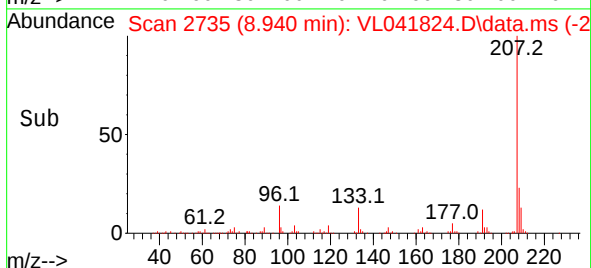
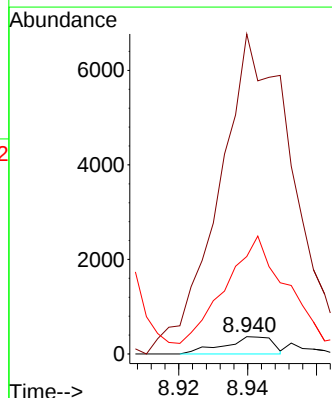
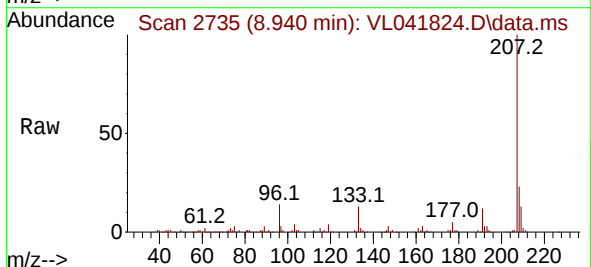
Tgt Ion:131 Resp: 357

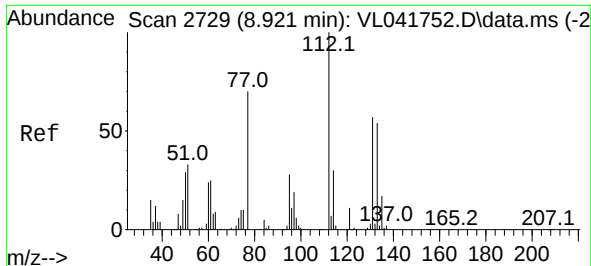
Ion Ratio Lower Upper

131 100

133 2836.1 76.8 115.2#

119 939.2 49.0 73.6#





#57

Chlorobenzene

Concen: 0.192 ppbv

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

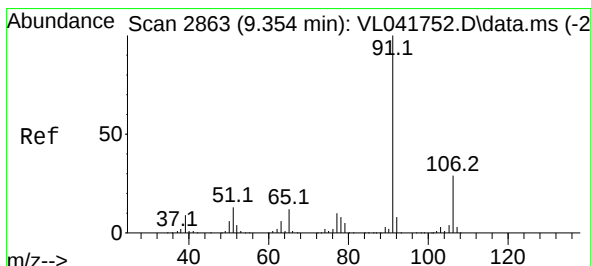
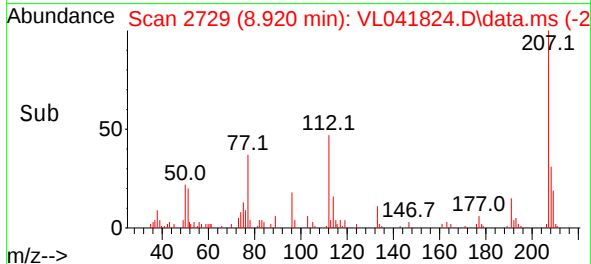
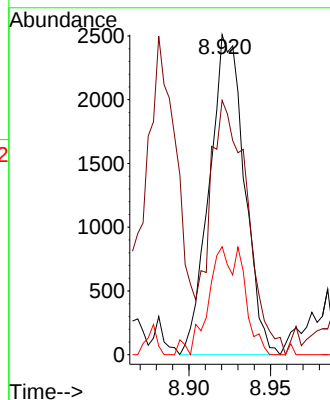
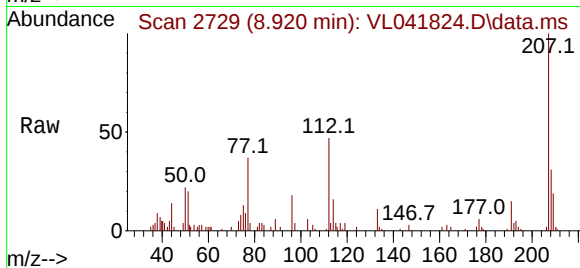
Tgt Ion:112 Resp: 3741

Ion Ratio Lower Upper

112 100

77 74.0 57.4 86.0

114 33.7 27.4 33.4#



#58

Ethyl Benzene

Concen: 0.737 ppbv

RT: 9.357 min Scan# 2864

Delta R.T. 0.003 min

Lab File: VL041824.D

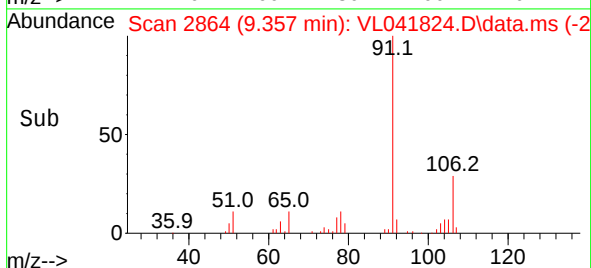
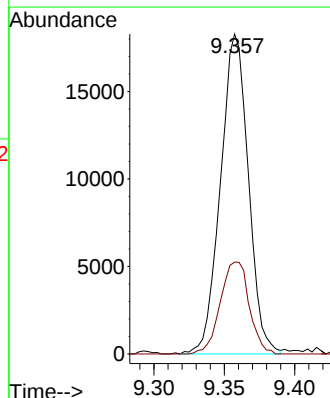
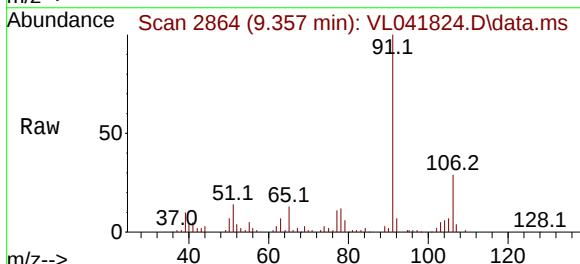
Acq: 19 Dec 2024 17:08

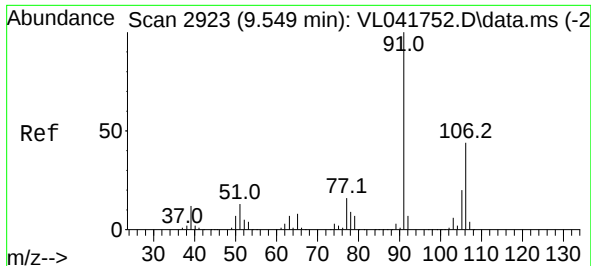
Tgt Ion: 91 Resp: 25209

Ion Ratio Lower Upper

91 100

106 28.7 23.5 35.3

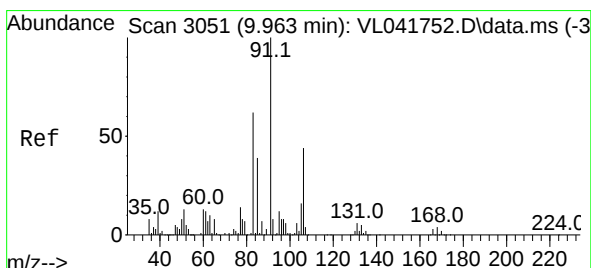
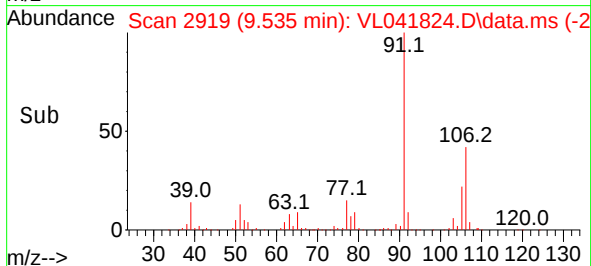
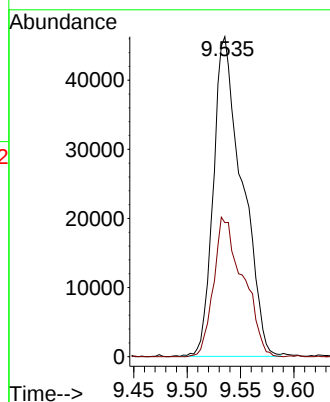
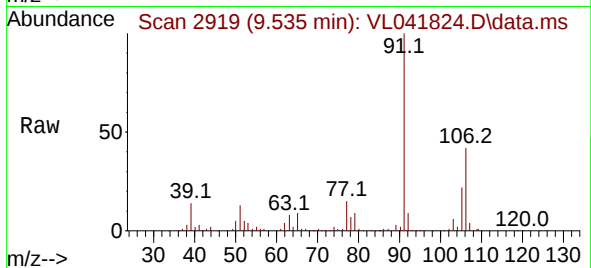




#59
m/p-Xylene
Concen: 3.157 ppbv
RT: 9.535 min Scan# 2919
Delta R.T. -0.013 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

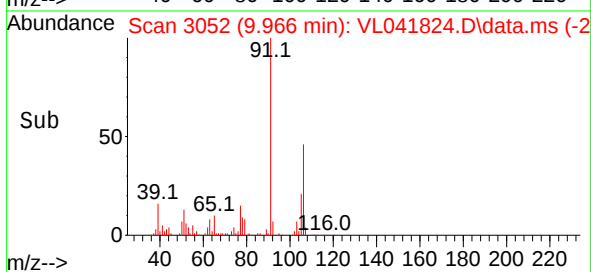
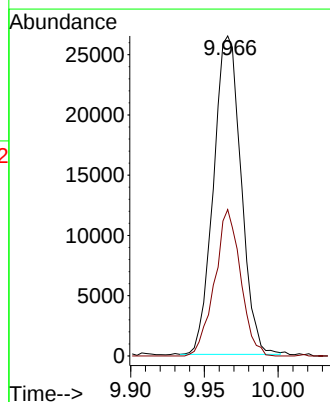
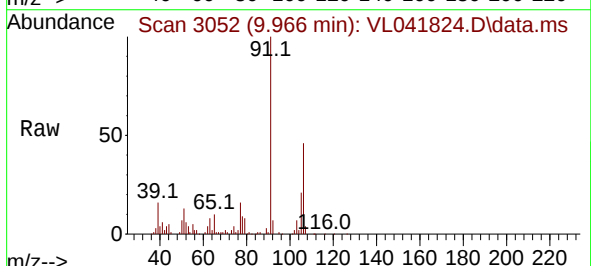
Instrument :
MSVOA_L
ClientSampleId :

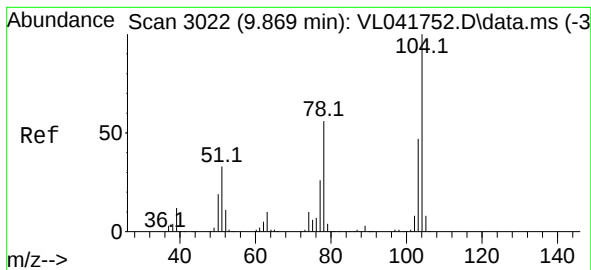
Tgt Ion: 91 Resp: 86836
Ion Ratio Lower Upper
91 100
106 44.7 0.0 0.0#



#60
o-Xylene
Concen: 1.245 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion: 91 Resp: 34348
Ion Ratio Lower Upper
91 100
106 43.3 21.1 63.4





#61

Styrene

Concen: 0.807 ppbv

RT: 9.872 min Scan# 3022

Delta R.T. 0.003 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_L

ClientSampleId :

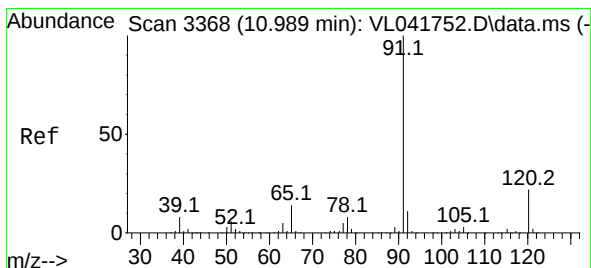
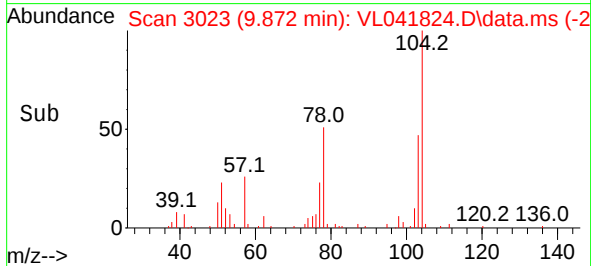
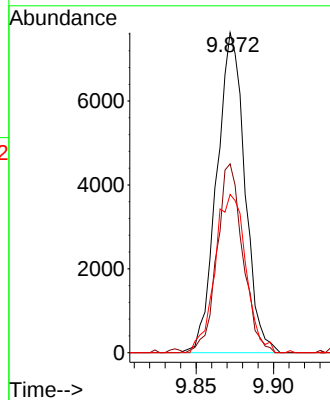
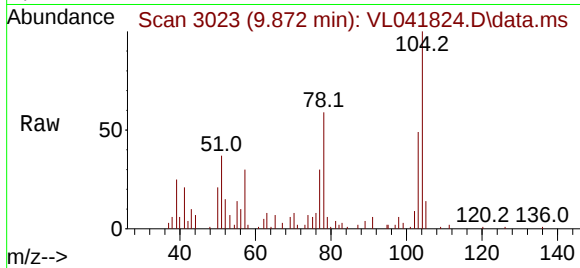
Tgt Ion:104 Resp: 9624

Ion Ratio Lower Upper

104 100

78 55.0 43.8 65.6

103 54.3 37.8 56.6



#64

n-propylbenzene

Concen: 0.035 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.000 min

Lab File: VL041824.D

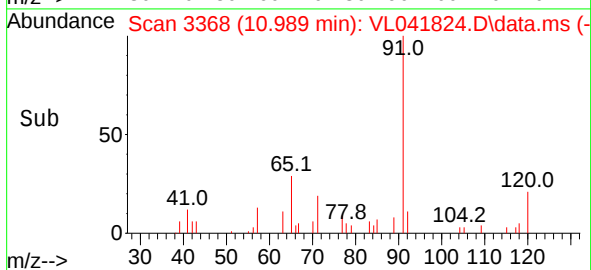
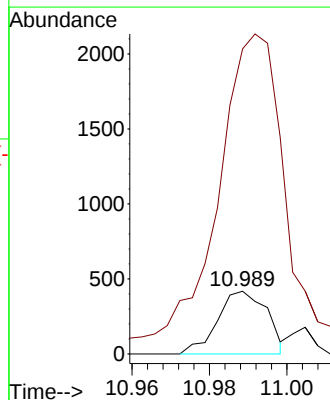
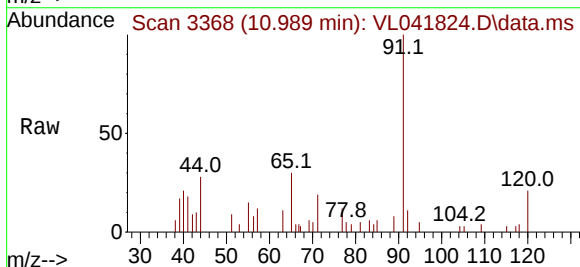
Acq: 19 Dec 2024 17:08

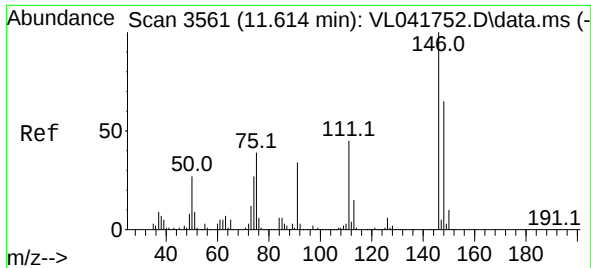
Tgt Ion:120 Resp: 371

Ion Ratio Lower Upper

120 100

91 674.9 387.3 580.9#

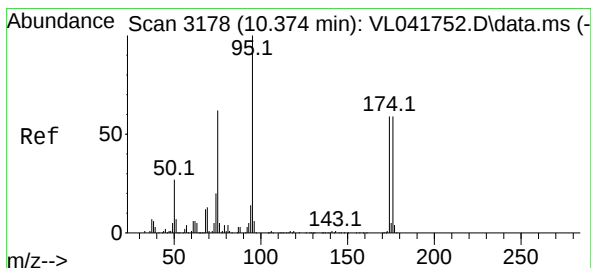
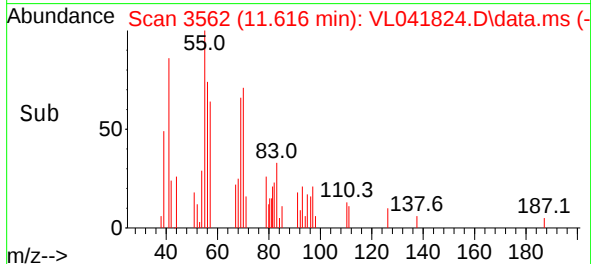
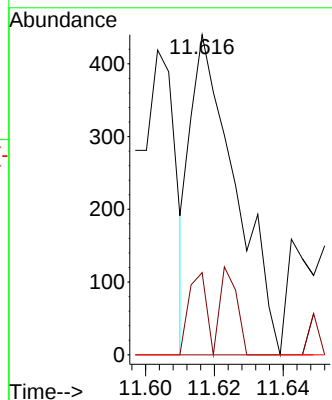
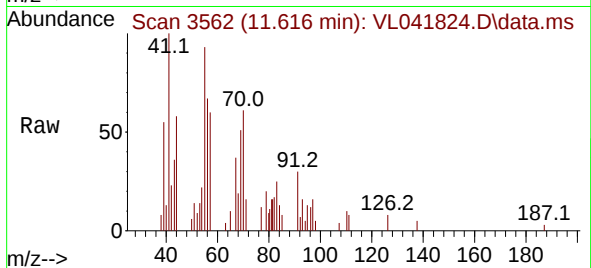




#66
Benzyl Chloride
Concen: 0.122 ppbv
RT: 11.616 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

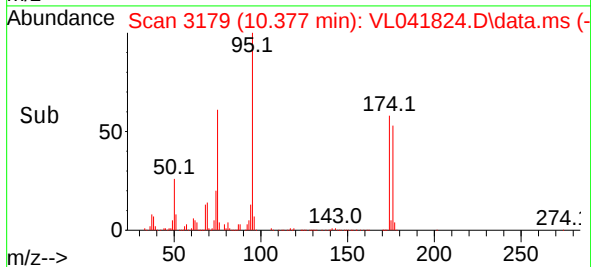
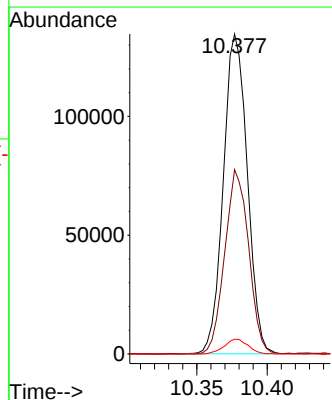
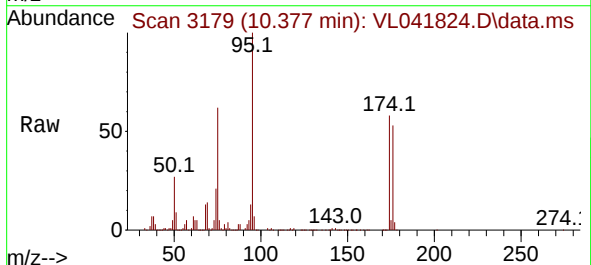
Instrument :
MSVOA_L
ClientSampleId :

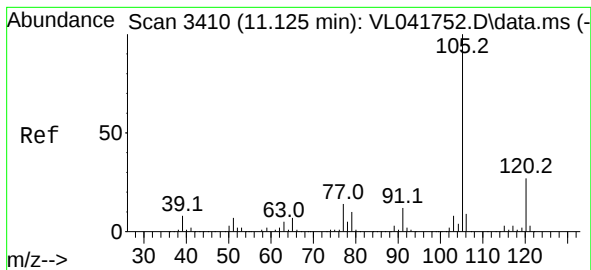
Tgt Ion: 91 Resp: 401
Ion Ratio Lower Upper
91 100
126 20.2 13.9 20.9
128 0.0 4.4 6.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.064 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

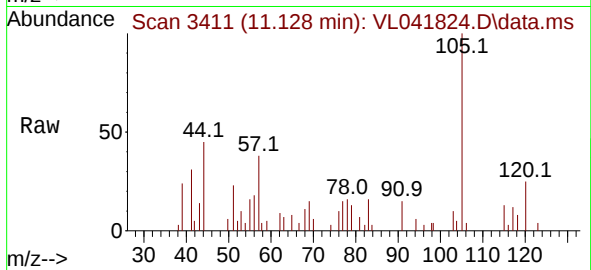
Tgt Ion: 95 Resp: 159349
Ion Ratio Lower Upper
95 100
174 57.7 47.6 71.4
175 4.6 3.7 5.5



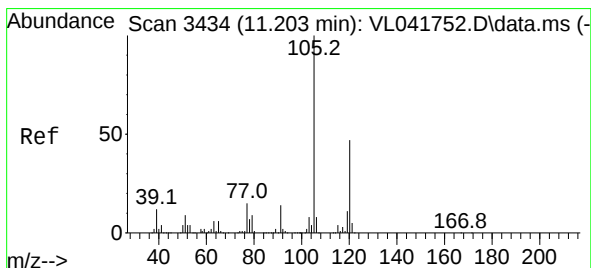
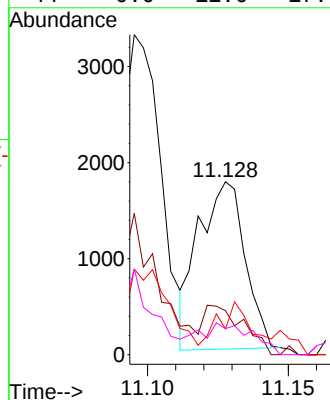
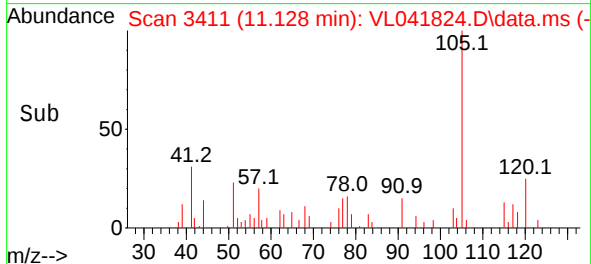


#72
4-Ethyltoluene
Concen: 0.062 ppbv
RT: 11.128 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Instrument :
MSVOA_L
ClientSampleId :

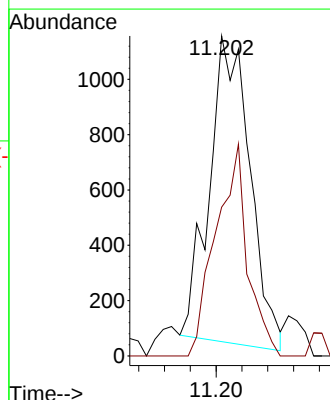
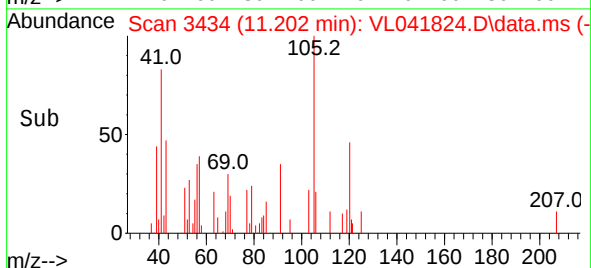
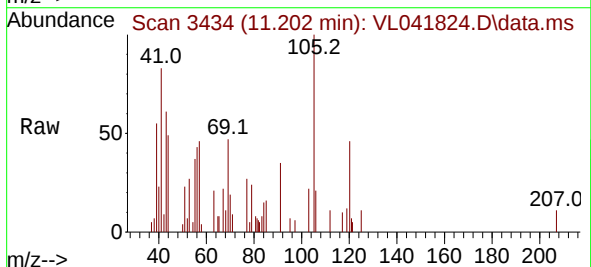


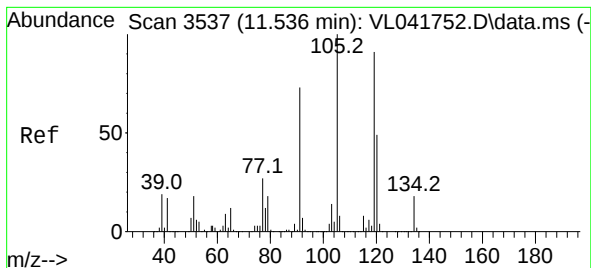
Tgt Ion:105 Resp: 2003
Ion Ratio Lower Upper
105 100
120 0.0 23.3 34.9#
91 0.0 10.9 16.3#
77 0.0 11.6 17.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.045 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.000 min
Lab File: VL041824.D
Acq: 19 Dec 2024 17:08

Tgt Ion:105 Resp: 1212
Ion Ratio Lower Upper
105 100
120 57.2 37.4 56.2#





#74

1,2,4-Trimethylbenzene

Concen: 0.266 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

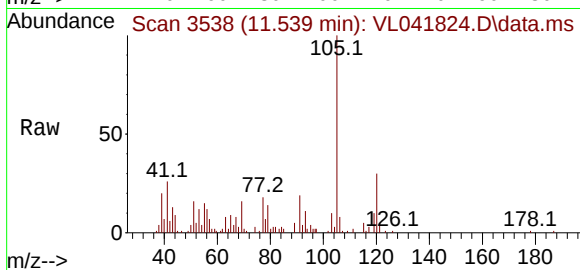
Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Instrument :

MSVOA_1

ClientSampleId :



Tgt Ion:105 Resp: 7727

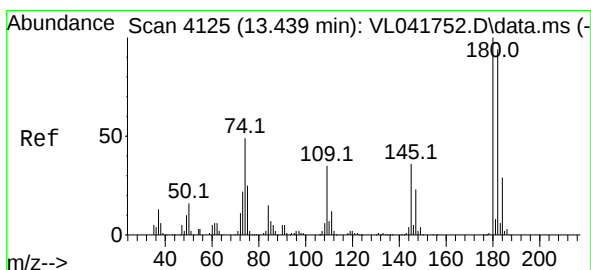
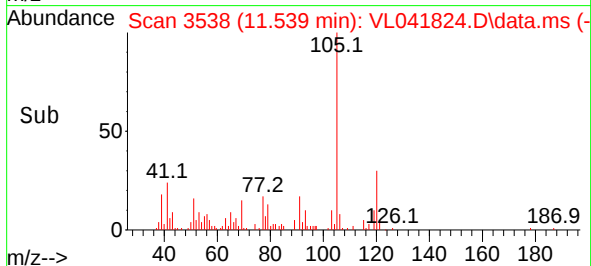
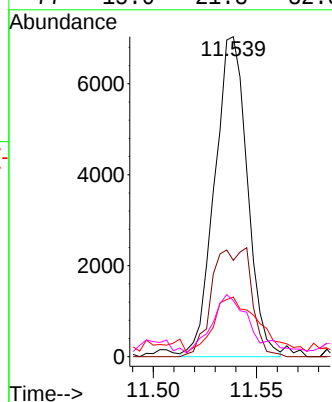
Ion Ratio Lower Upper

105 100

120 30.4 39.0 58.4#

91 14.2 58.1 87.1#

77 15.0 21.8 32.8#



#81

1,2,4-Trichlorobenzene

Concen: 0.033 ppbv

RT: 13.439 min Scan# 4125

Delta R.T. -0.000 min

Lab File: VL041824.D

Acq: 19 Dec 2024 17:08

Tgt Ion:180 Resp: 363

Ion Ratio Lower Upper

180 100

182 70.5 77.0 115.6#

184 33.6 23.8 35.8

