

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041769.D
 Acq On : 17 Dec 2024 07:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 03:24:15 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	2.790	49	59846	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	158335	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	141285	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	118706	10.082	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	113031	10.614	ppbv	97
3) Chlorodifluoromethane	1.476	51	102349	10.487	ppbv	99
4) Chloromethane	1.534	50	43426	10.423	ppbv	95
5) Vinyl Chloride	1.580	62	40373	9.618	ppbv	99
6) Bromomethane	1.670	94	19093	9.638	ppbv	96
7) Chloroethane	1.706	64	16527	10.135	ppbv	95
8) Dichlorotetrafluoroethane	1.554	85	97963	10.278	ppbv	98
9) Propene	1.486	41	38511	9.104	ppbv	100
10) Heptane	4.988	43	102564	9.439	ppbv	99
11) Trichlorofluoromethane	1.881	101	114660	10.137	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	85349	9.921	ppbv	99
13) Ethanol	1.722	45	2209	6.307	ppbv	88
14) Bromoethene	1.783	108	30168	10.387	ppbv	99
15) Acetone	1.835	43	93995	8.072	ppbv	99
16) 1,3-Butadiene	1.609	39	45951	10.022	ppbv	99
17) tert-Butyl alcohol	2.042	59	120737	10.452	ppbv	99
18) 1,1-Dichloroethene	2.036	96	37079	10.280	ppbv	95
19) Isopropyl Alcohol	1.887	45	51121	7.317	ppbv	96
20) Methylene Chloride	2.062	84	31968	9.628	ppbv	97
21) Allyl Chloride	2.097	41	64314	10.184	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	41333	10.011	ppbv	98
23) Vinyl Acetate	2.466	43	45571	8.429	ppbv	98
24) 1,1-Dichloroethane	2.411	63	84159	10.070	ppbv	99
25) Ethyl Acetate	2.839	43	213508	9.857	ppbv	100
26) Hexane	2.829	57	81005	9.854	ppbv	99
27) Carbon Disulfide	2.152	76	77530	10.466	ppbv	98
28) Methyl tert-Butyl Ether	2.444	73	70666	10.596	ppbv	98
29) Chloroform	2.852	83	129767	10.358	ppbv	96
30) Cyclohexane	3.861	84	69050	9.872	ppbv	98
31) cis-1,2-Dichloroethene	2.725	61	84535	9.952	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	133607	10.491	ppbv	99
34) 2-Butanone	2.560	43	125372	9.842	ppbv	100
35) Carbon Tetrachloride	3.768	117	132719	11.807	ppbv	98
36) Benzene	3.661	78	163404	9.977	ppbv	98
37) 1,2-Dichloroethane	3.221	62	109008	10.696	ppbv	100
38) Trichloroethene	4.554	130	64661	9.301	ppbv	98
39) 1,2-Dichloropropane	4.321	63	58032	9.797	ppbv	96
40) 1,4-Dioxane	4.593	88	24851	8.588	ppbv #	99
41) Tetrahydrofuran	3.062	42	67503	9.459	ppbv	98
42) Bromodichloromethane	4.496	83	129509	11.046	ppbv	96
43) Methyl Methacrylate	4.884	69	30136	4.829	ppbv #	1
44) 2,2,4-Trimethylpentane	4.648	57	279312	9.986	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	63523	9.841	ppbv	93

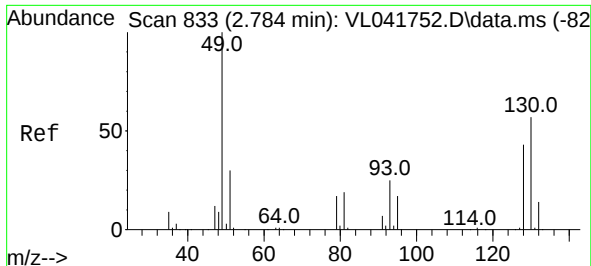
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041769.D
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	81552	9.952	ppbv	99
47) 1,1,2-Trichloroethane	6.590	97	61551	9.948	ppbv	96
48) Dibromochloromethane	7.396	129	94664	11.205	ppbv	100
49) Bromoform	9.493	173	74960	10.839	ppbv	100
50) 4-Methyl-2-Pentanone	5.761	43	171768	9.904	ppbv	99
51) 2-Hexanone	7.448	43	134291	9.553	ppbv #	100
52) Tetrachloroethene	8.234	164	54561	8.950	ppbv	96
53) Toluene	6.939	91	179836	9.685	ppbv	100
54) 1,2-Dibromoethane	7.661	107	85711	10.054	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.933	131	78423	10.470	ppbv	98
57) Chlorobenzene	8.930	112	138401	9.573	ppbv	98
58) Ethyl Benzene	9.364	91	254090	9.989	ppbv	98
59) m/p-Xylene	9.558	91	198187	9.690	ppbv #	100
60) o-Xylene	9.972	91	205223	10.006	ppbv	100
61) Styrene	9.878	104	92239	10.401	ppbv	97
62) Isopropylbenzene	10.545	105	304398	9.878	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	117095	9.121	ppbv	98
64) n-propylbenzene	10.995	120	75463	9.686	ppbv	99
65) tert-Butylbenzene	11.539	119	266613	9.590	ppbv	98
66) Benzyl Chloride	11.623	91	18237	7.447	ppbv	98
67) sec-Butylbenzene	11.775	105	366653	9.530	ppbv	99
69) p-Isopropyltoluene	11.934	119	293997	9.273	ppbv	99
70) n-Butylbenzene	12.286	91	278374	9.087	ppbv	100
71) 2-Chlorotoluene	10.908	91	220432	9.372	ppbv	100
72) 4-Ethyltoluene	11.131	105	235268	9.718	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	201807	10.048	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	212268	9.828	ppbv #	89
75) 1,3-Dichlorobenzene	11.613	146	119550	8.682	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	116827	8.588	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	113277	8.549	ppbv	99
78) Hexachloro-1,3-Butadiene	13.888	225	74247	7.557	ppbv	99
79) Naphthalene	13.520	128	156561	10.403	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	64020	13.753	ppbv	97
81) 1,2,4-Trichlorobenzene	13.445	180	75494	9.180	ppbv	98

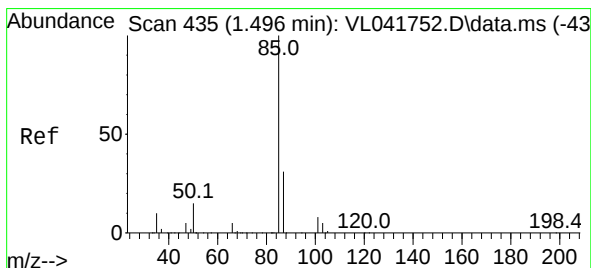
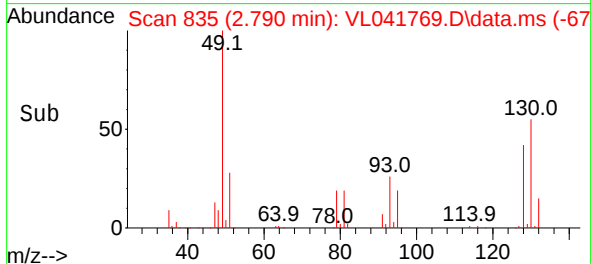
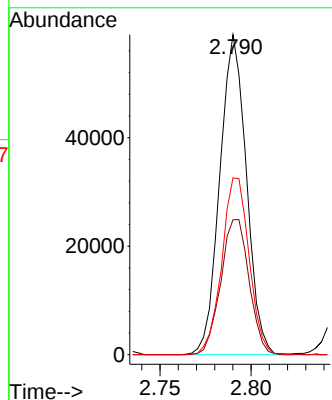
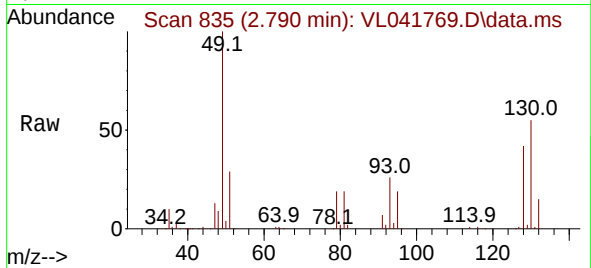
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 833
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

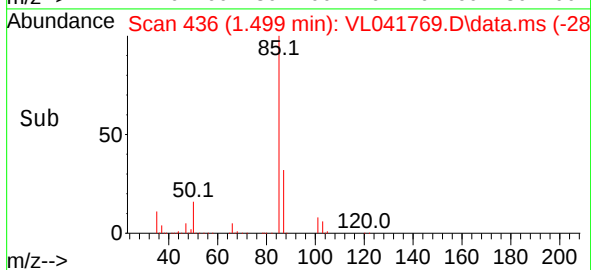
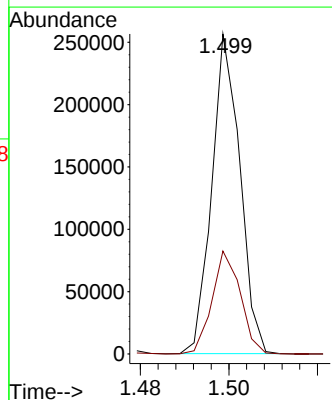
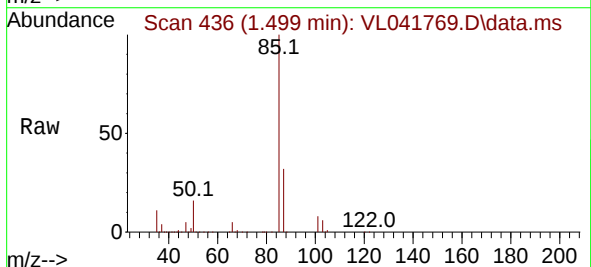
Instrument :
 MSVOA_L
 ClientSampleId :

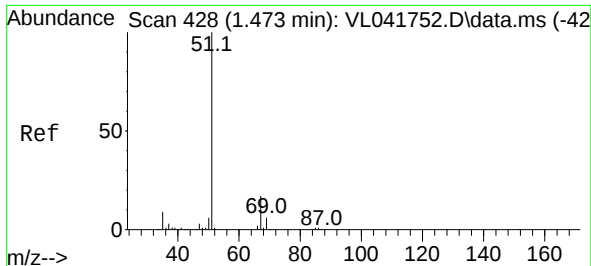
Tgt Ion: 49 Resp: 59846
 Ion Ratio Lower Upper
 49 100
 128 44.9 21.6 64.6
 130 56.7 28.3 85.0



#2
 Dichlorodifluoromethane
 Concen: 10.614 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. 0.003 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

Tgt Ion: 85 Resp: 113031
 Ion Ratio Lower Upper
 85 100
 87 32.1 24.5 36.7

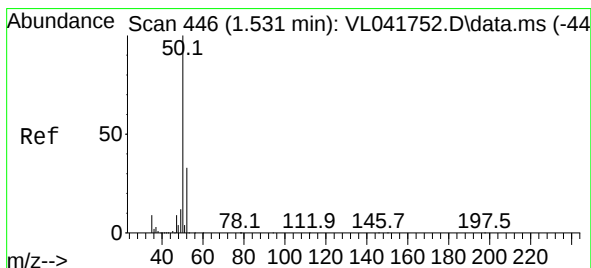
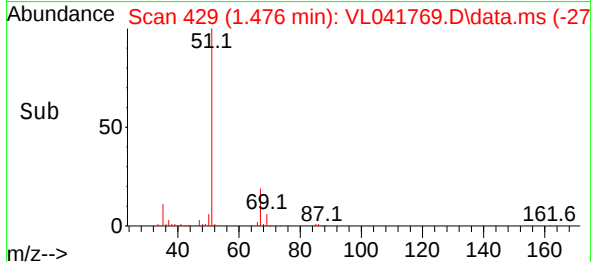
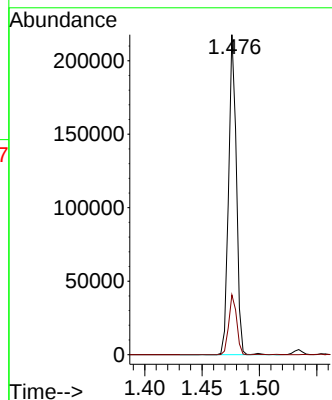
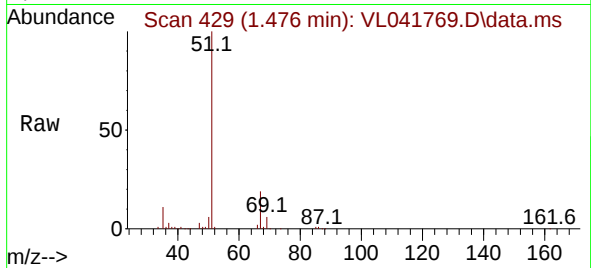




#3
Chlorodifluoromethane
Concen: 10.487 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

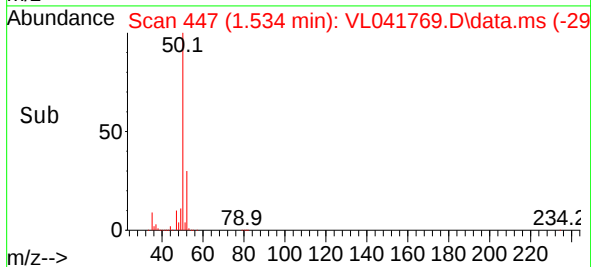
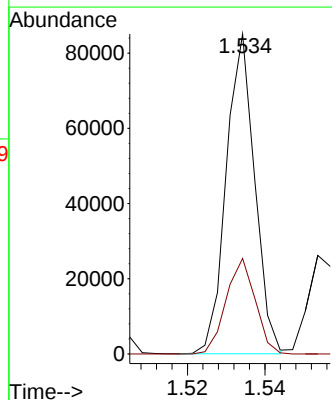
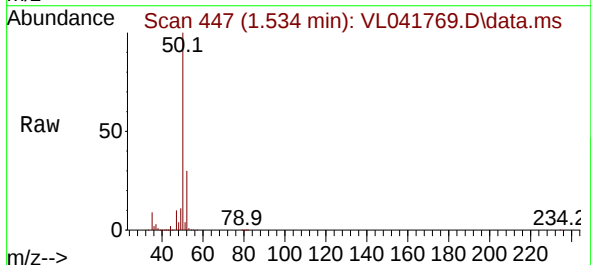
Instrument :
MSVOA_L
ClientSampleId :

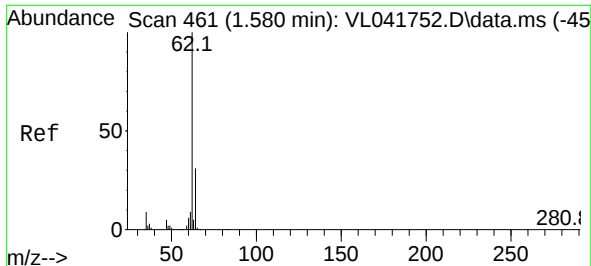
Tgt Ion: 51 Resp: 102349
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.4



#4
Chloromethane
Concen: 10.423 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 50 Resp: 43426
Ion Ratio Lower Upper
50 100
52 29.9 26.2 39.2

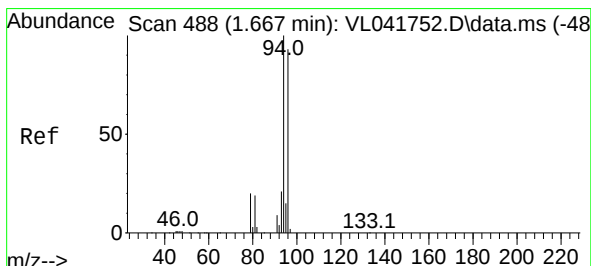
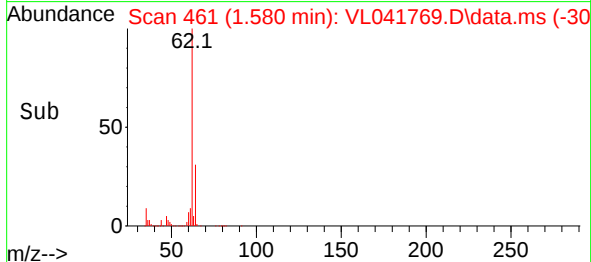
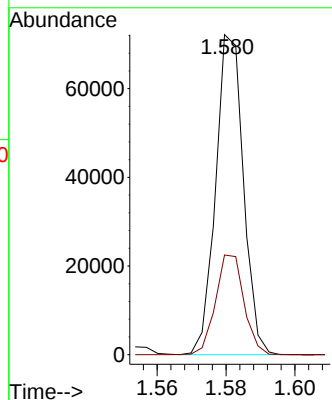
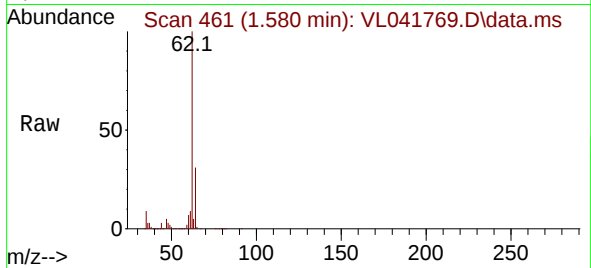




#5
 Vinyl Chloride
 Concen: 9.618 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

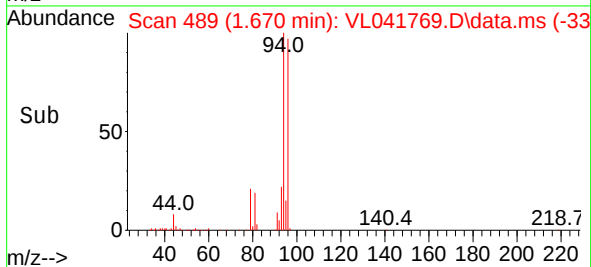
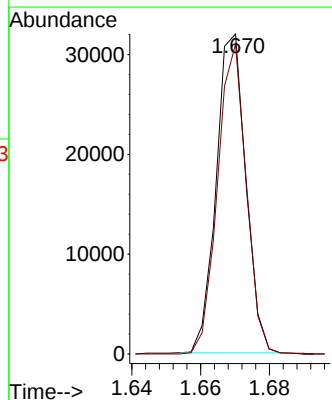
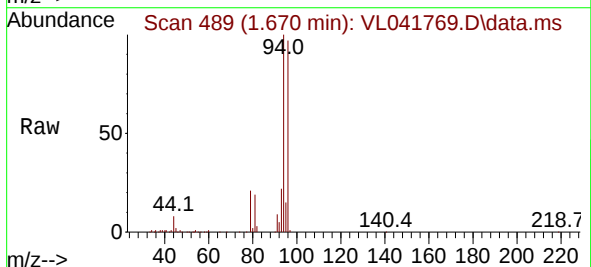
Instrument :
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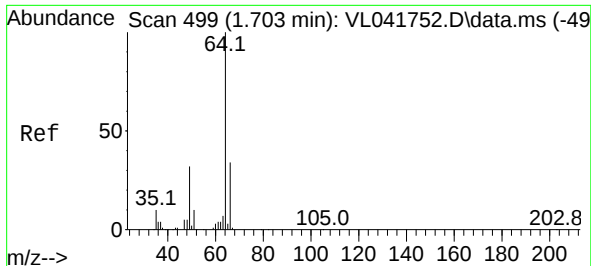
Tgt Ion: 62 Resp: 40373
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.1 37.7



#6
 Bromomethane
 Concen: 9.638 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

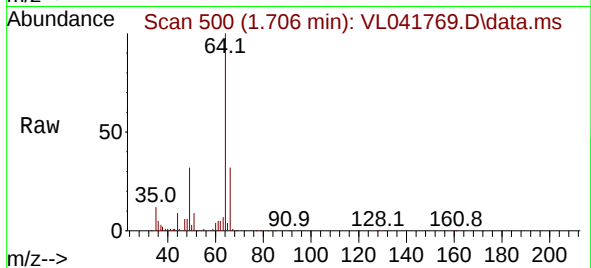
Tgt Ion: 94 Resp: 19093
 Ion Ratio Lower Upper
 94 100
 96 97.2 74.7 112.1



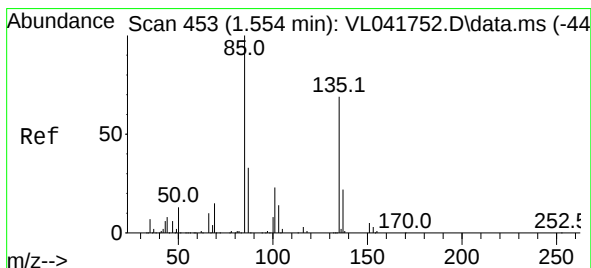
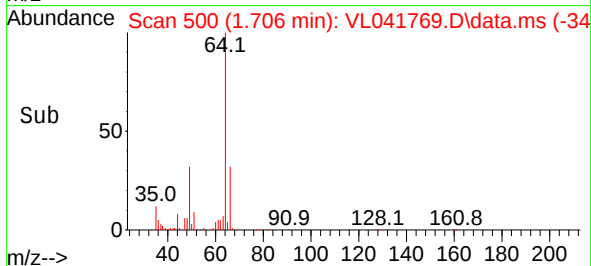
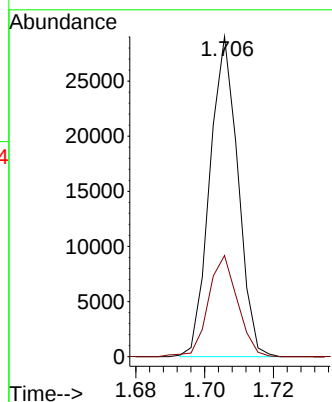


#7
Chloroethane
Concen: 10.135 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :
MSVOA_L
ClientSampleId :

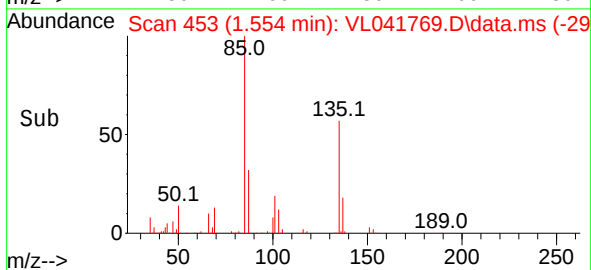
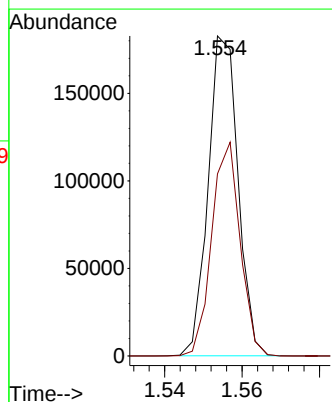
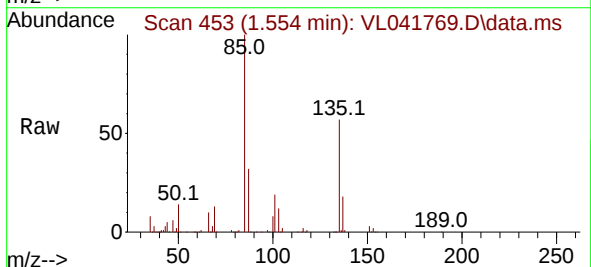


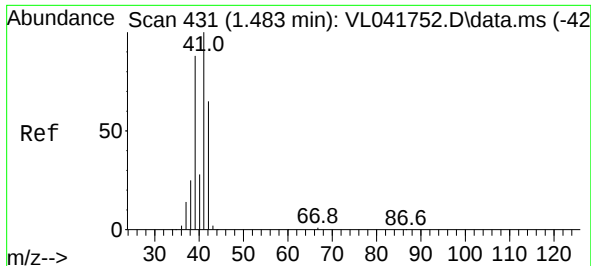
Tgt Ion: 64 Resp: 16527
Ion Ratio Lower Upper
64 100
66 31.6 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 10.278 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 85 Resp: 97963
Ion Ratio Lower Upper
85 100
135 63.4 51.9 77.9





#9

Propene

Concen: 9.104 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

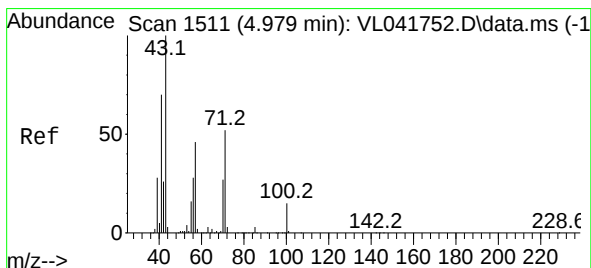
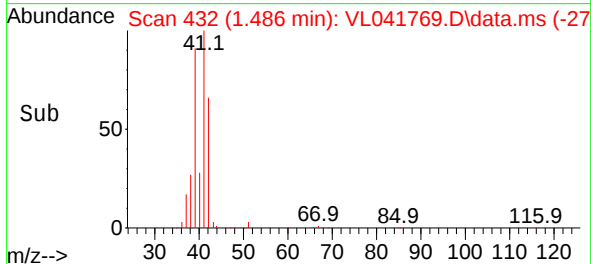
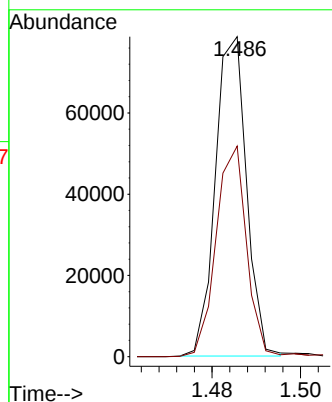
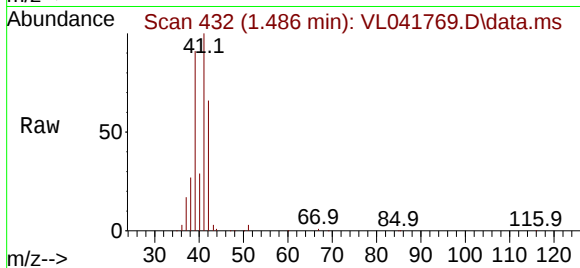
ClientSampleId :

Tgt Ion: 41 Resp: 38511

Ion Ratio Lower Upper

41 100

42 65.6 52.4 78.6



#10

Heptane

Concen: 9.439 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.009 min

Lab File: VL041769.D

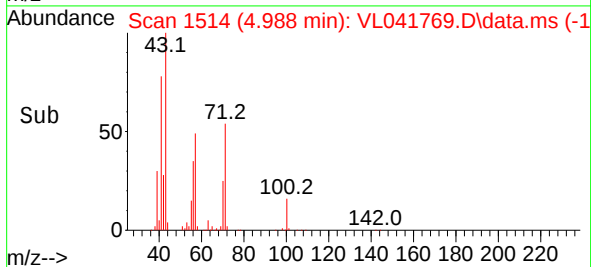
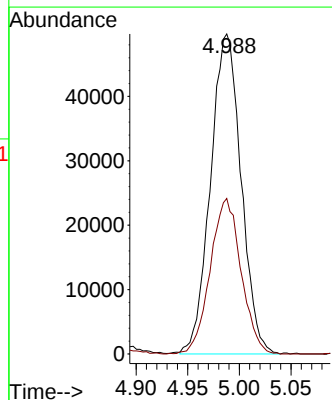
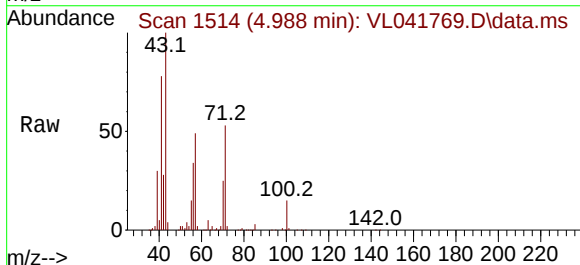
Acq: 17 Dec 2024 07:59

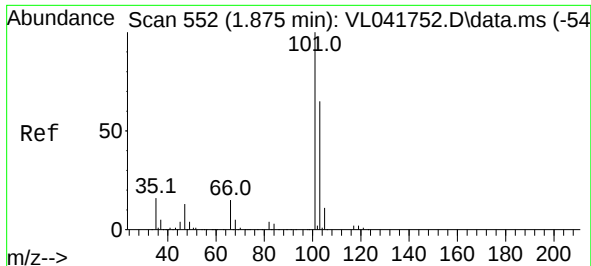
Tgt Ion: 43 Resp: 102564

Ion Ratio Lower Upper

43 100

57 48.9 38.5 57.7





#11

Trichlorofluoromethane

Concen: 10.137 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

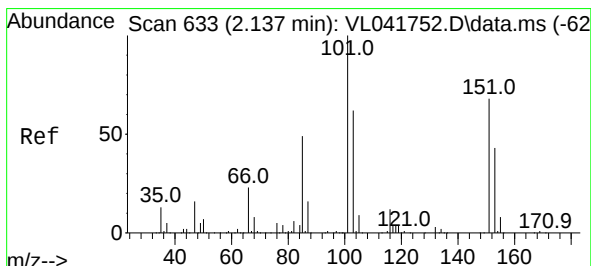
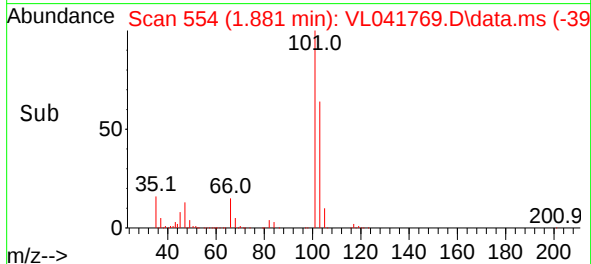
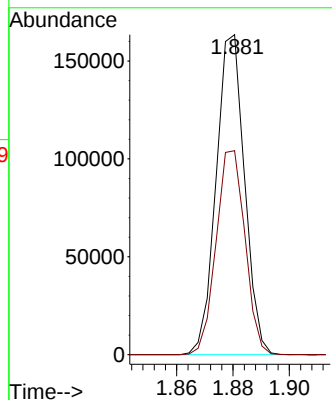
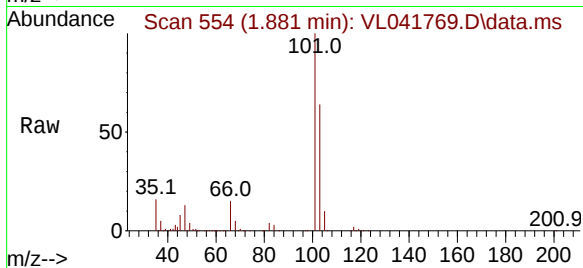
ClientSampleId :

Tgt Ion:101 Resp: 114660

Ion Ratio Lower Upper

101 100

103 63.8 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.921 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041769.D

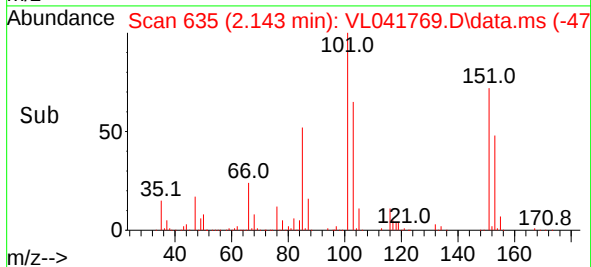
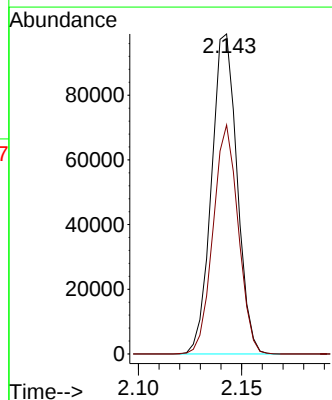
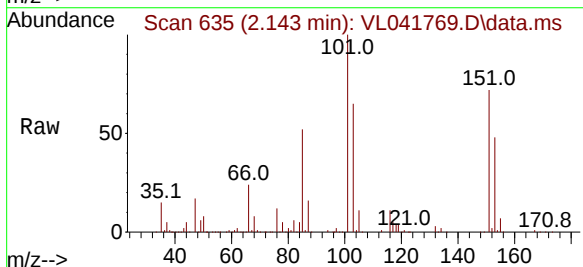
Acq: 17 Dec 2024 07:59

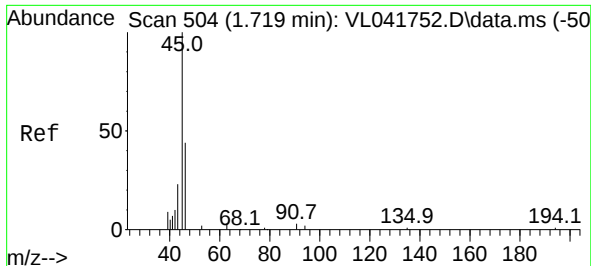
Tgt Ion:101 Resp: 85349

Ion Ratio Lower Upper

101 100

151 70.2 56.8 85.2





#13

Ethanol

Concen: 6.307 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

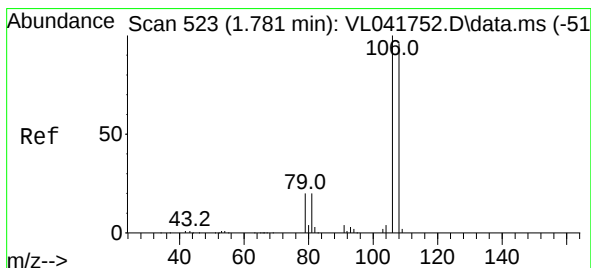
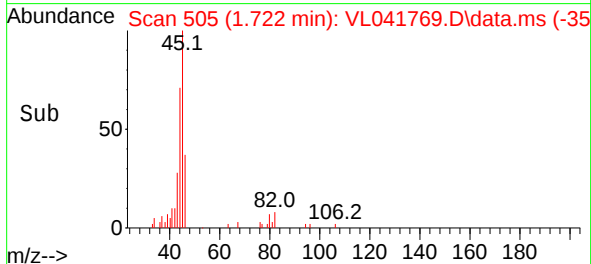
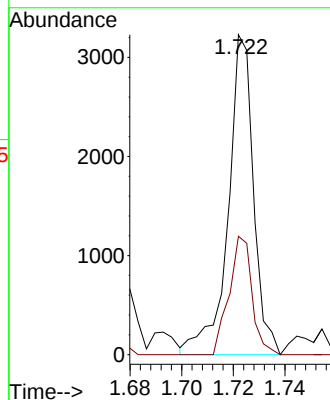
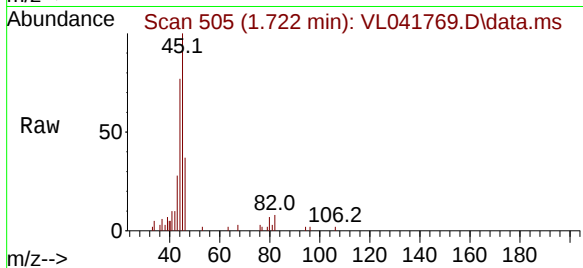
ClientSampleId :

Tgt Ion: 45 Resp: 2209

Ion Ratio Lower Upper

45 100

46 33.4 16.4 65.8



#14

Bromoethene

Concen: 10.387 ppbv

RT: 1.783 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

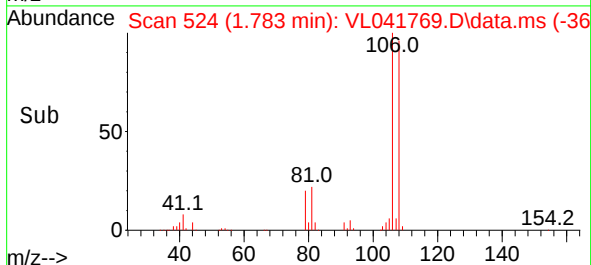
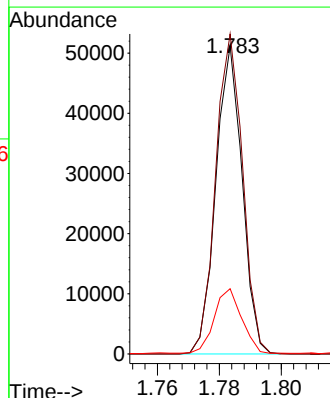
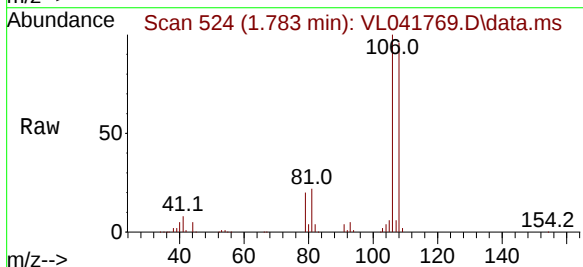
Tgt Ion:108 Resp: 30168

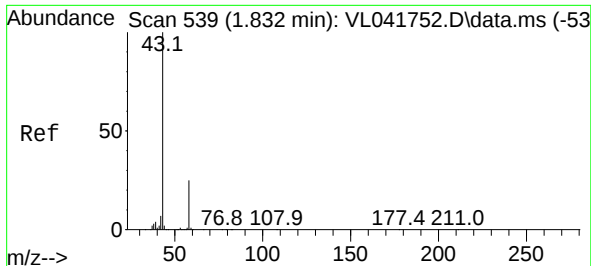
Ion Ratio Lower Upper

108 100

106 106.3 84.1 126.1

79 23.0 17.4 26.0





#15

Acetone

Concen: 8.072 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

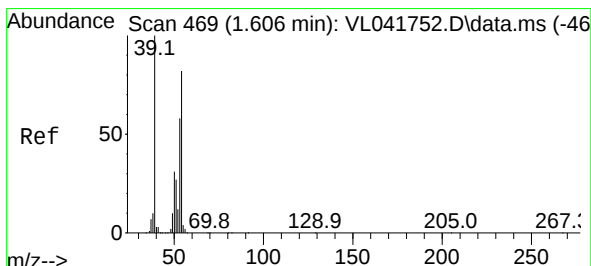
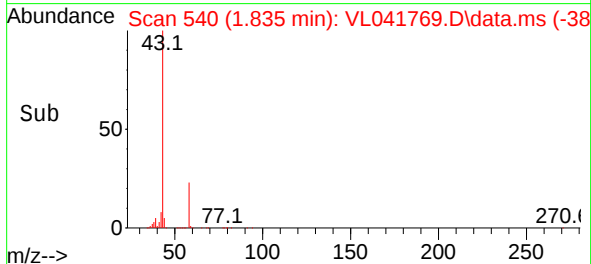
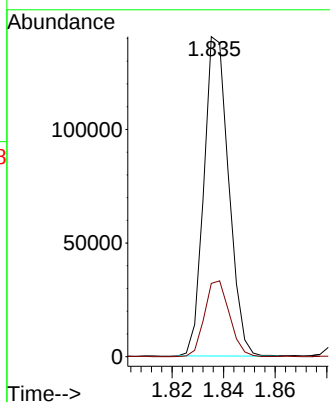
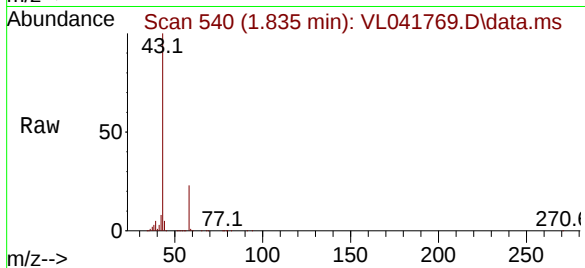
ClientSampleId :

Tgt Ion: 43 Resp: 93995

Ion Ratio Lower Upper

43 100

58 24.1 19.7 29.5



#16

1,3-Butadiene

Concen: 10.022 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041769.D

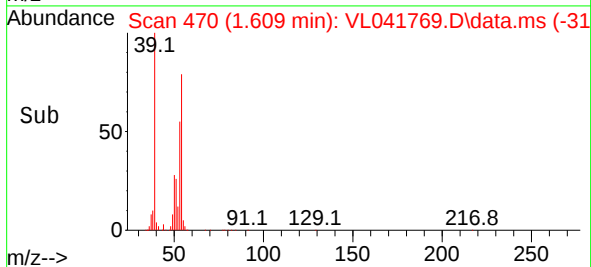
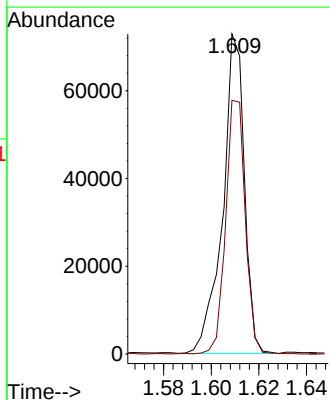
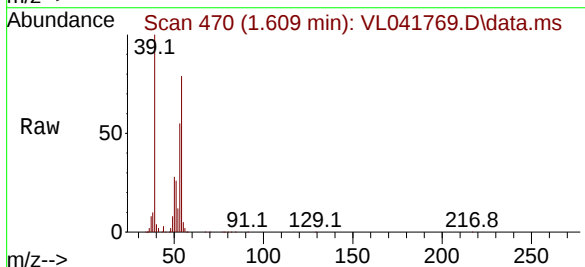
Acq: 17 Dec 2024 07:59

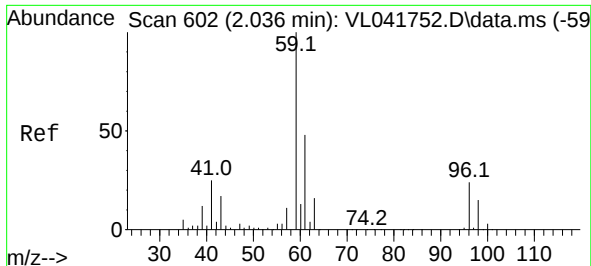
Tgt Ion: 39 Resp: 45951

Ion Ratio Lower Upper

39 100

54 72.2 58.4 87.6

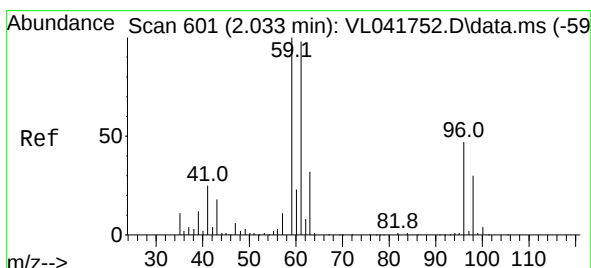
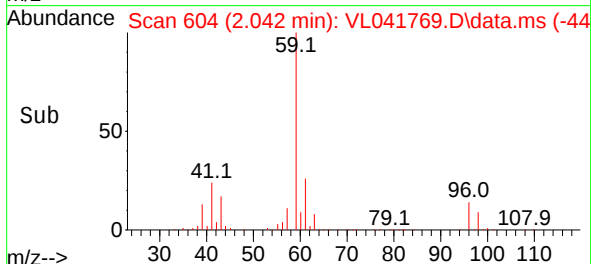
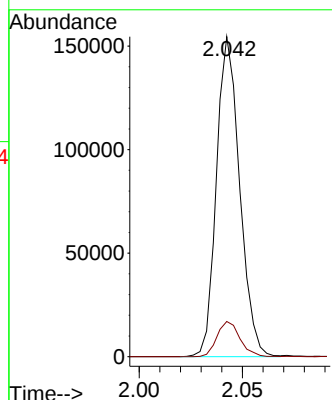
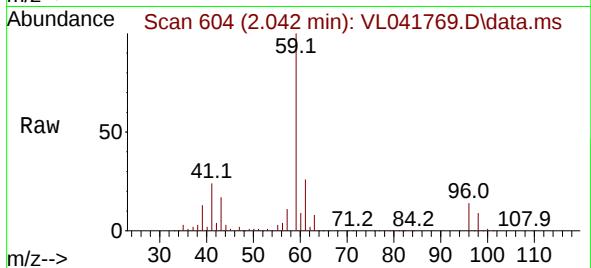




#17
tert-Butyl alcohol
Concen: 10.452 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

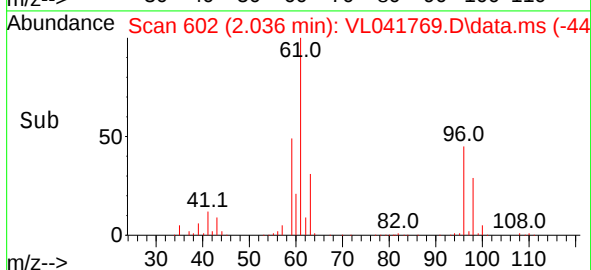
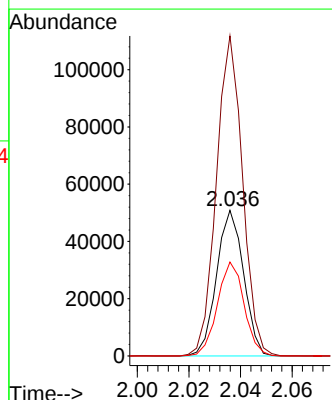
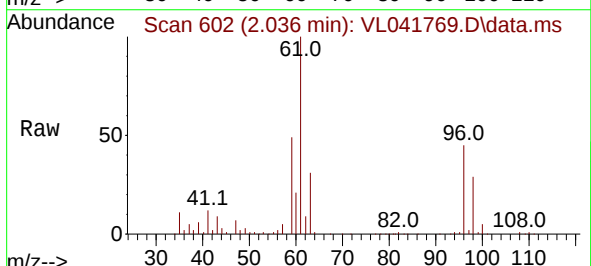
Instrument :
MSVOA_L
ClientSampleId :

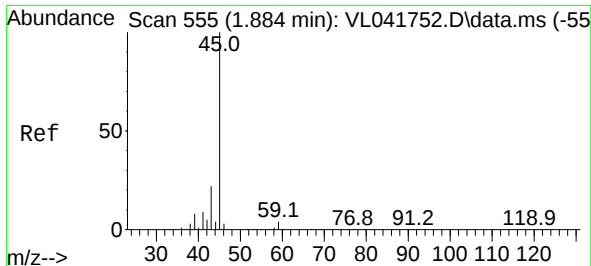
Tgt Ion: 59 Resp: 120737
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#18
1,1-Dichloroethene
Concen: 10.280 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 96 Resp: 37079
Ion Ratio Lower Upper
96 100
61 219.8 167.7 251.5
98 64.6 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.317 ppbv

RT: 1.887 min Scan# 511

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

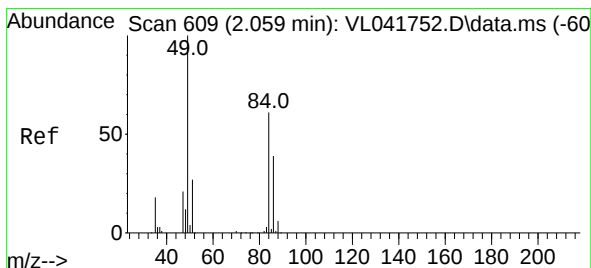
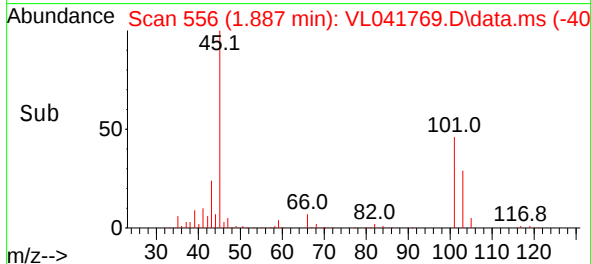
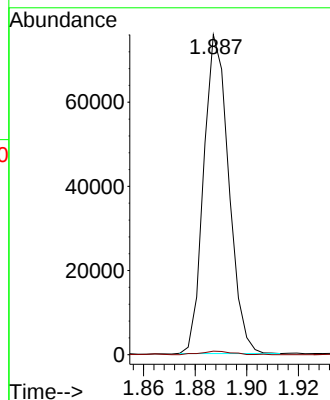
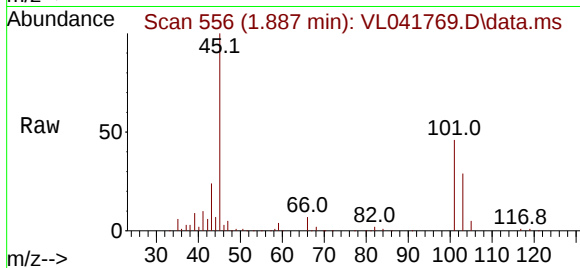
ClientSampleId :

Tgt Ion: 45 Resp: 51121

Ion Ratio Lower Upper

45 100

58 44.4 33.3 49.9



#20

Methylene Chloride

Concen: 9.628 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 84 Resp: 31968

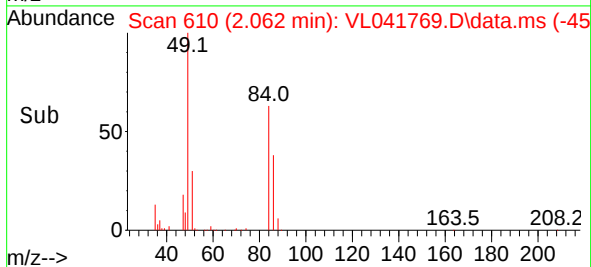
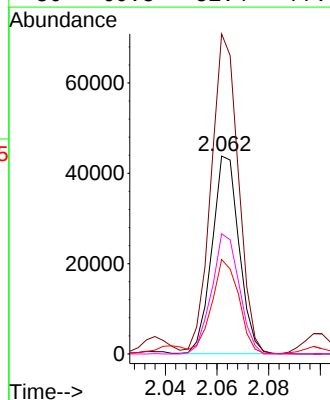
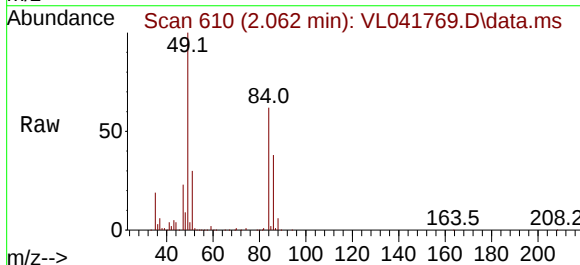
Ion Ratio Lower Upper

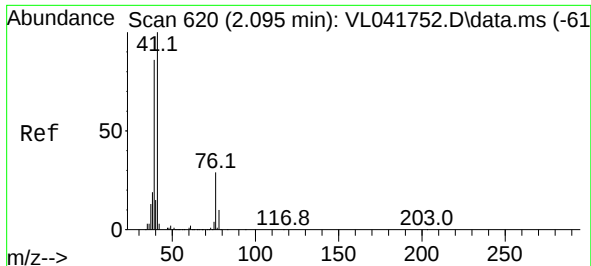
84 100

49 161.9 132.6 198.8

51 47.5 37.6 56.4

86 60.8 51.4 77.0

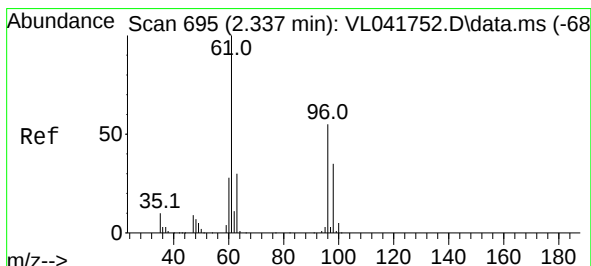
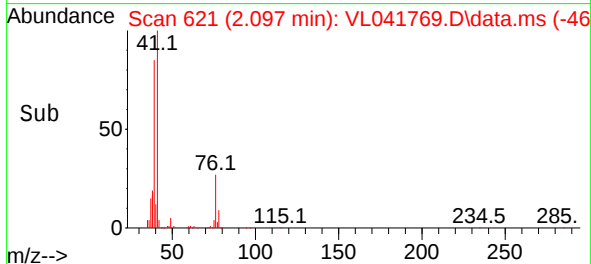
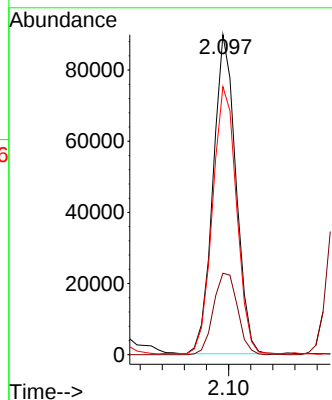
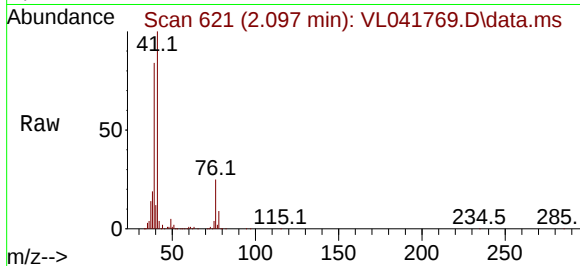




#21
 Allyl Chloride
 Concen: 10.184 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

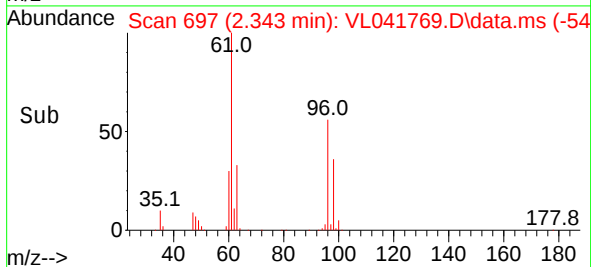
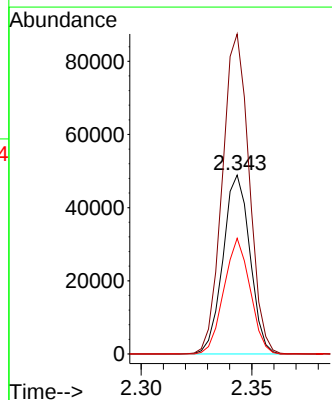
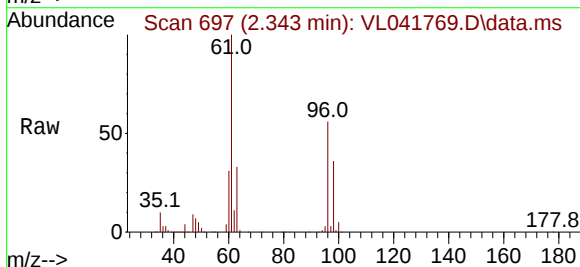
Instrument :
 MSVOA_L
 ClientSampleId :

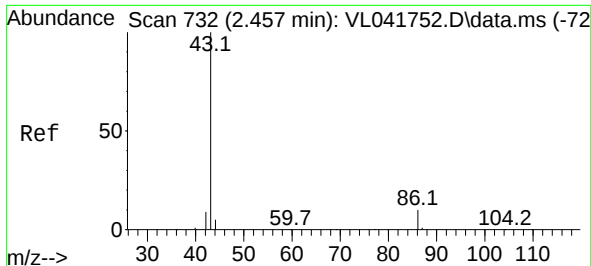
Tgt Ion: 41 Resp: 64314
 Ion Ratio Lower Upper
 41 100
 76 27.0 22.3 33.5
 39 88.0 69.2 103.8



#22
 trans-1,2-Dichloroethene
 Concen: 10.011 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

Tgt Ion: 96 Resp: 41333
 Ion Ratio Lower Upper
 96 100
 61 178.9 146.3 219.5
 98 64.7 50.8 76.2

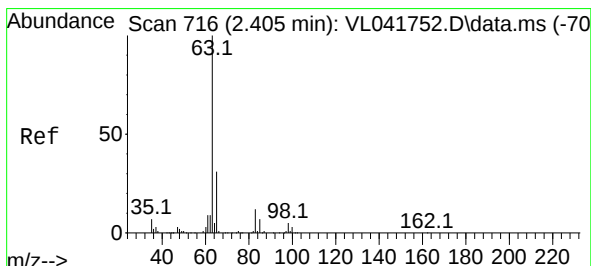
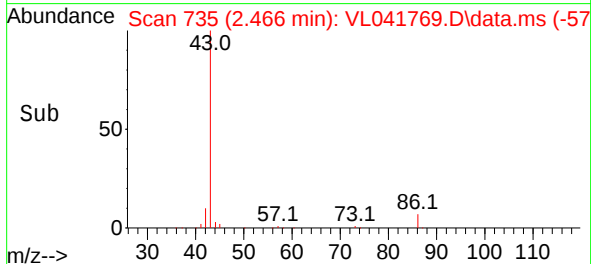
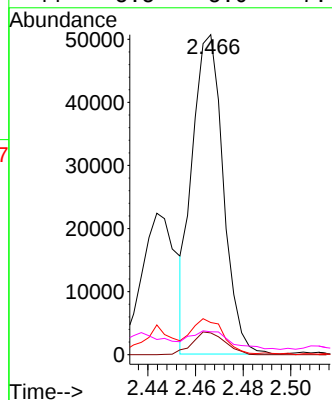
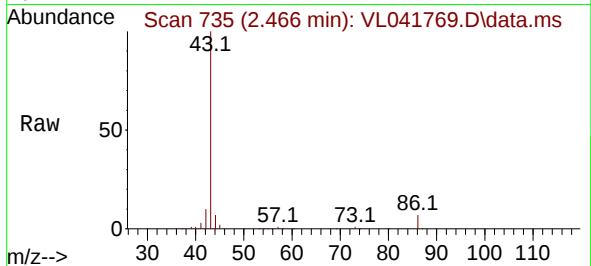




#23
 Vinyl Acetate
 Concen: 8.429 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. 0.009 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

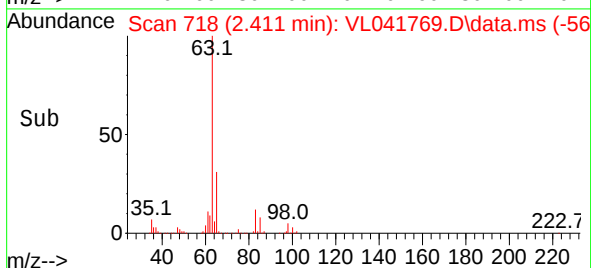
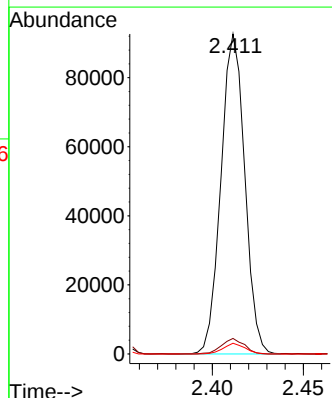
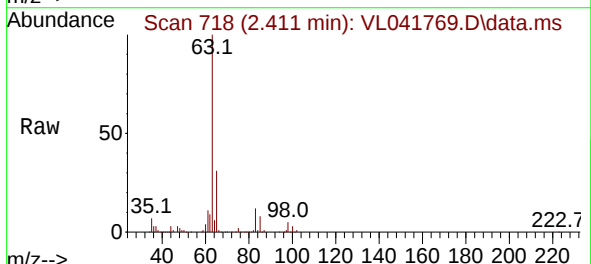
Instrument :
 MSVOA_1
 ClientSampleId :

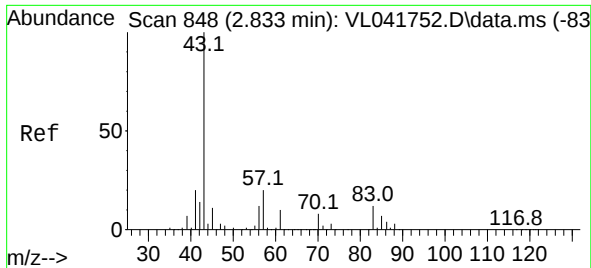
Tgt Ion: 43	Resp: 45571
Ion Ratio	Lower Upper
43 100	
86 6.8	6.6 10.0
42 9.8	8.2 12.2
44 5.5	5.0 7.4



#24
 1,1-Dichloroethane
 Concen: 10.070 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

Tgt Ion: 63	Resp: 84159
Ion Ratio	Lower Upper
63 100	
98 4.9	2.3 6.8
100 3.4	1.4 4.2

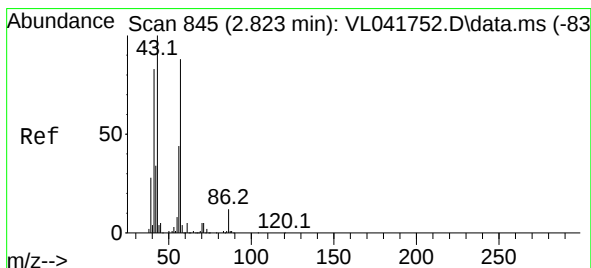
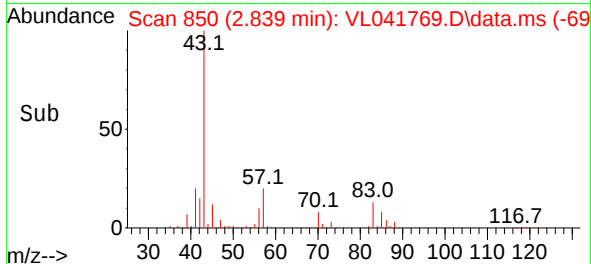
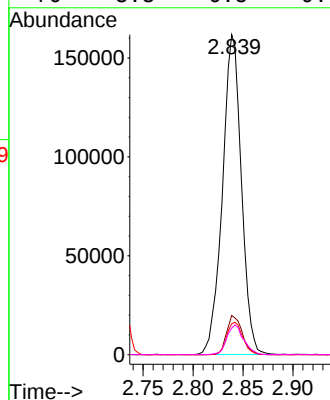
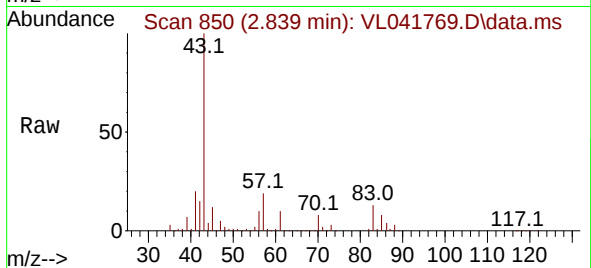




#25
Ethyl Acetate
Concen: 9.857 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

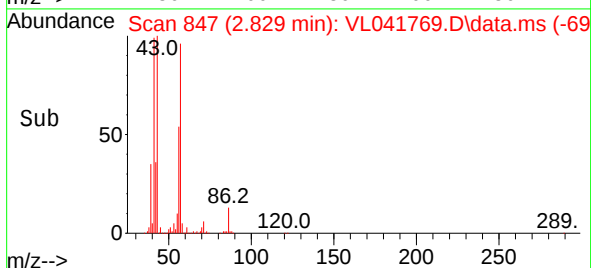
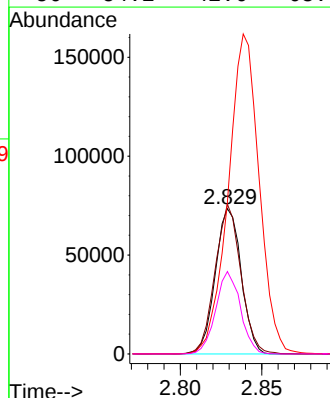
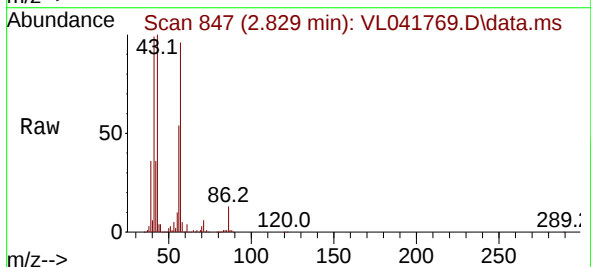
Instrument :
MSVOA_L
ClientSampleId :

Tgt	Ion: 43	Resp:	213508
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	8.6	7.0	10.6
70	8.3	6.5	9.7



#26
Hexane
Concen: 9.854 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 57	Resp: 81005
Ion Ratio	Lower Upper
57 100	
41 102.8	79.6 119.4
43 264.5	211.0 316.6
56 54.2	42.6 63.8





#27

Carbon Disulfide

Concen: 10.466 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

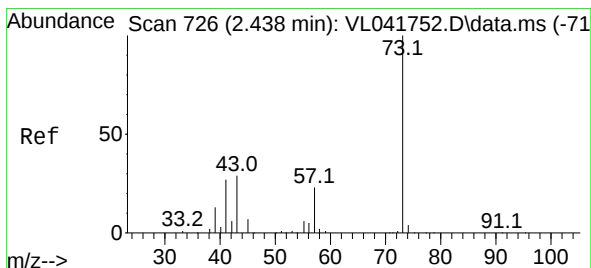
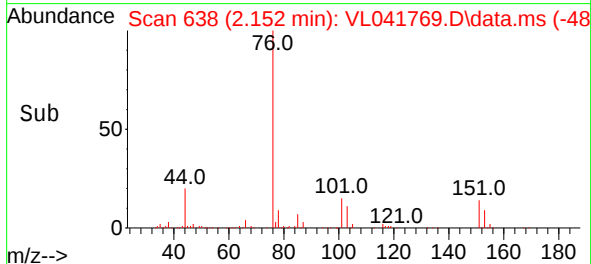
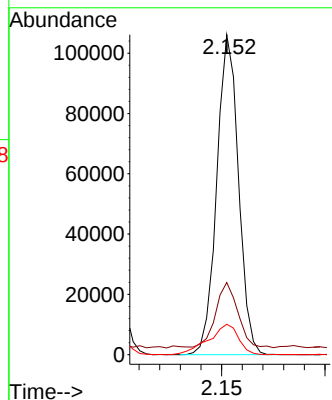
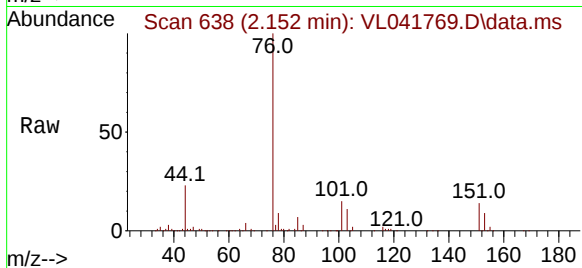
Tgt Ion: 76 Resp: 77530

Ion Ratio Lower Upper

76 100

44 23.4 17.6 26.4

78 13.0 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 10.596 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.006 min

Lab File: VL041769.D

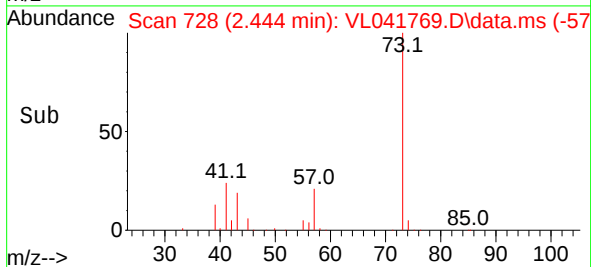
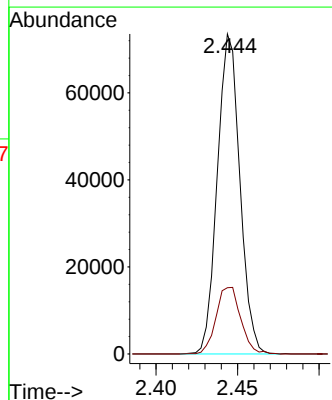
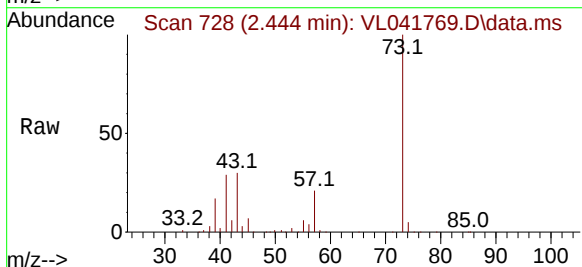
Acq: 17 Dec 2024 07:59

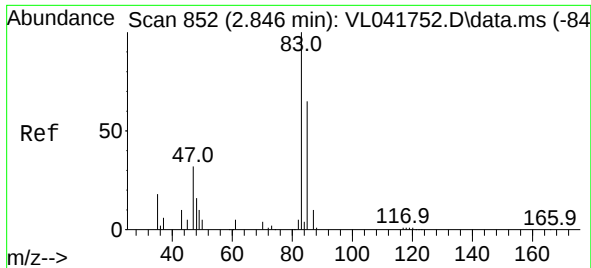
Tgt Ion: 73 Resp: 70666

Ion Ratio Lower Upper

73 100

57 22.8 17.6 26.4





#29

Chloroform

Concen: 10.358 ppbv

RT: 2.852 min Scan# 852

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

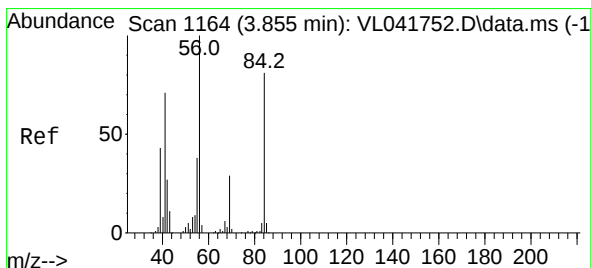
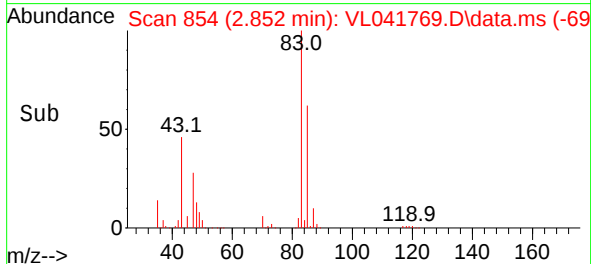
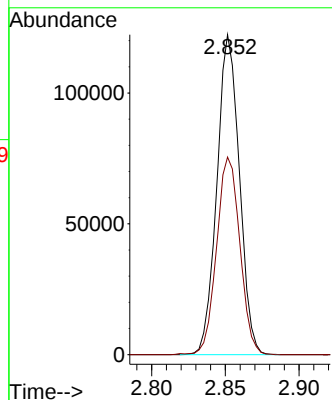
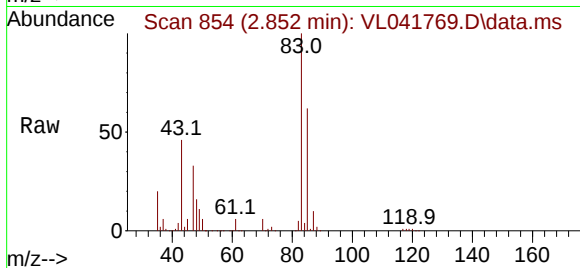
ClientSampleId :

Tgt Ion: 83 Resp: 129767

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.6



#30

Cyclohexane

Concen: 9.872 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

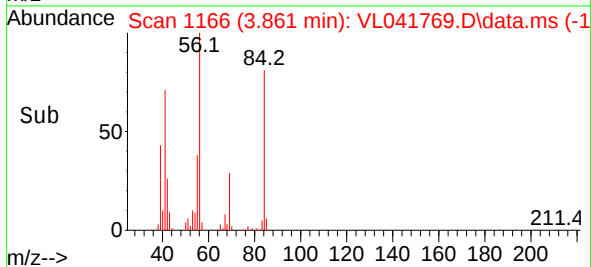
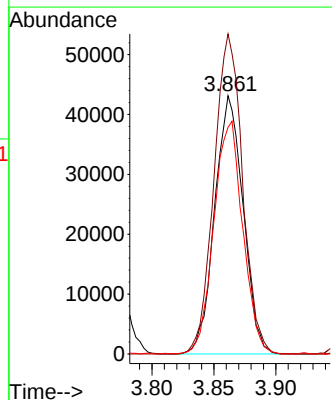
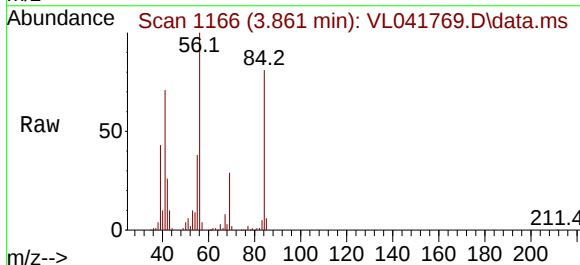
Tgt Ion: 84 Resp: 69050

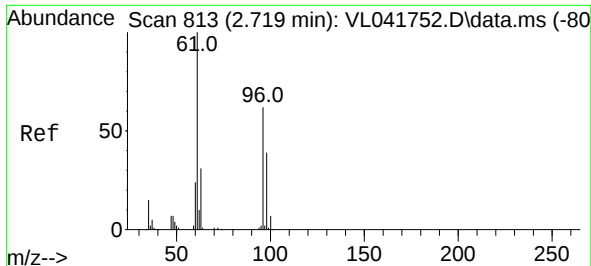
Ion Ratio Lower Upper

84 100

56 124.3 102.3 153.5

41 91.5 74.0 111.0

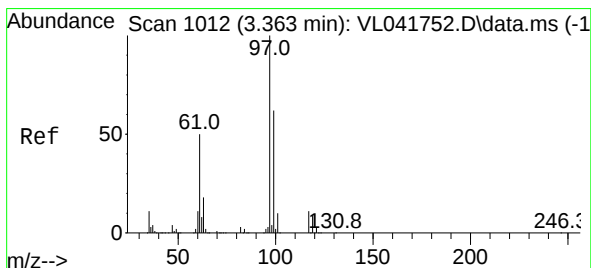
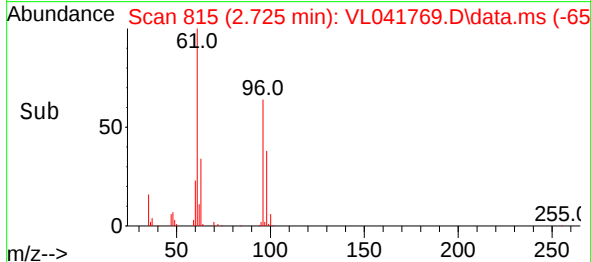
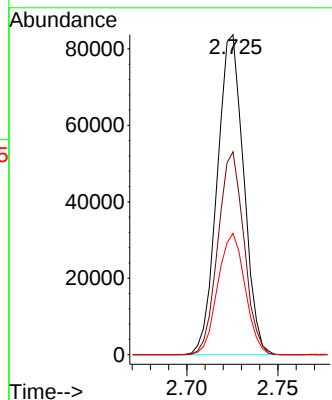
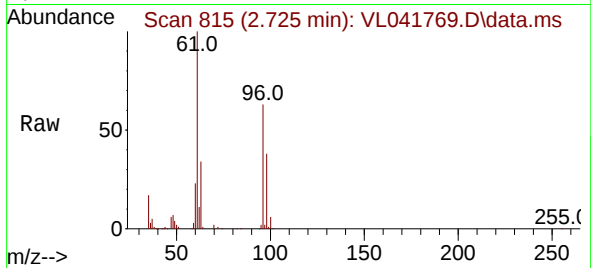




#31
 cis-1,2-Dichloroethene
 Concen: 9.952 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

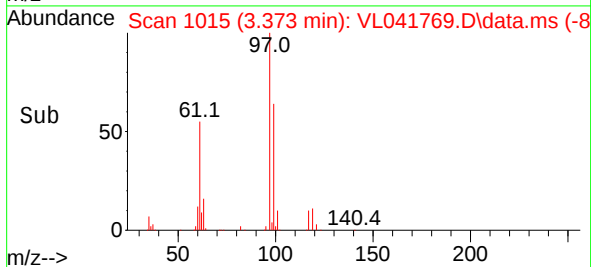
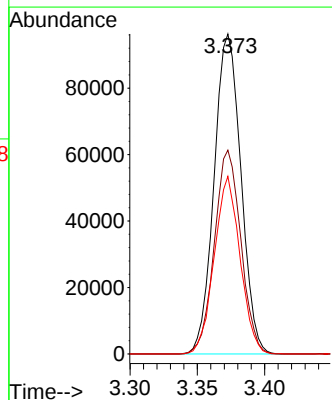
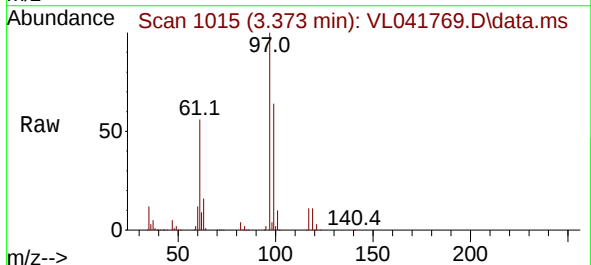
Instrument :
 MSVOA_L
 ClientSampleId :

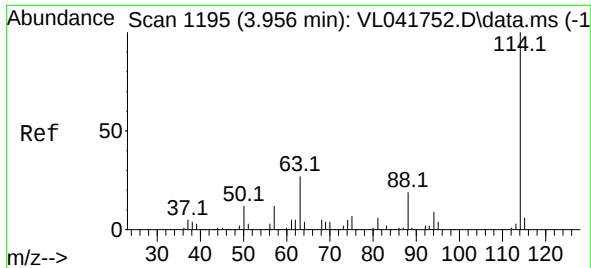
Tgt Ion: 61 Resp: 84535
 Ion Ratio Lower Upper
 61 100
 96 63.4 49.7 74.5
 98 37.9 30.8 46.2



#32
 1,1,1-Trichloroethane
 Concen: 10.491 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.009 min
 Lab File: VL041769.D
 Acq: 17 Dec 2024 07:59

Tgt Ion: 97 Resp: 133607
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.0 76.4
 61 53.4 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

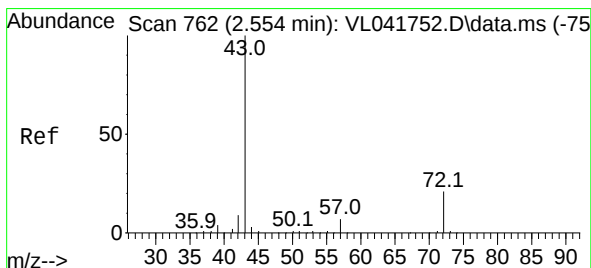
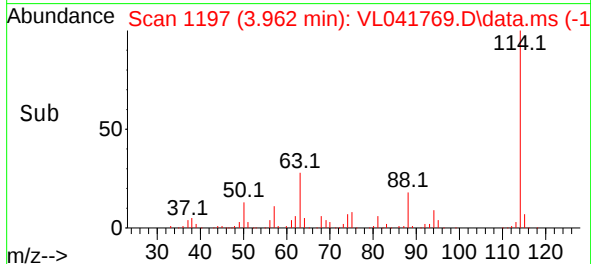
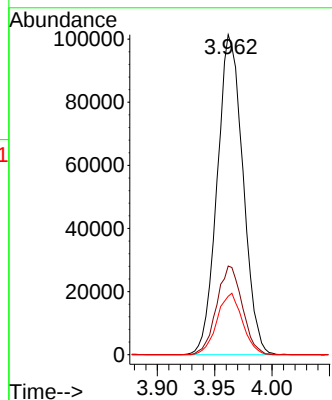
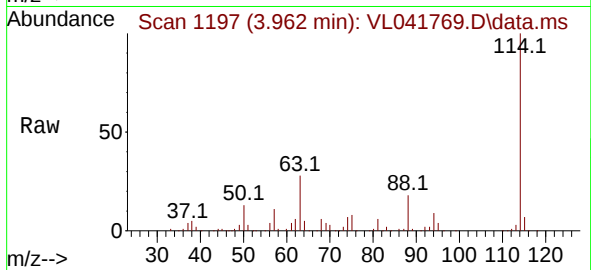
Tgt Ion:114 Resp: 158335

Ion Ratio Lower Upper

114 100

63 27.5 21.8 32.8

88 18.9 14.8 22.2



#34

2-Butanone

Concen: 9.842 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL041769.D

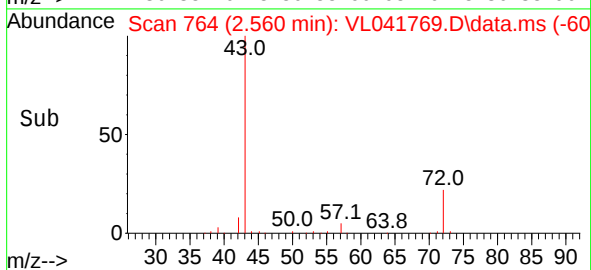
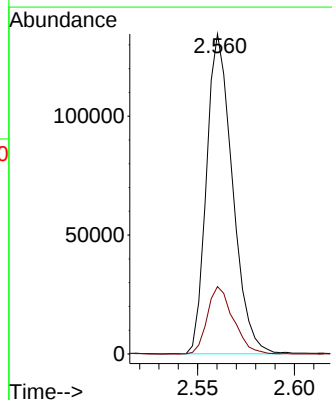
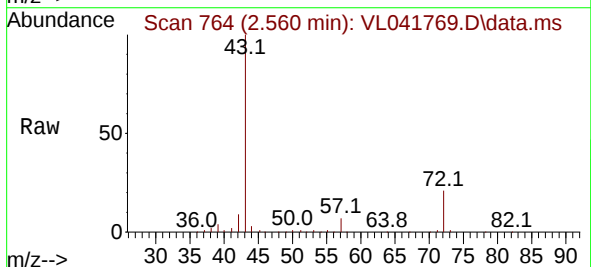
Acq: 17 Dec 2024 07:59

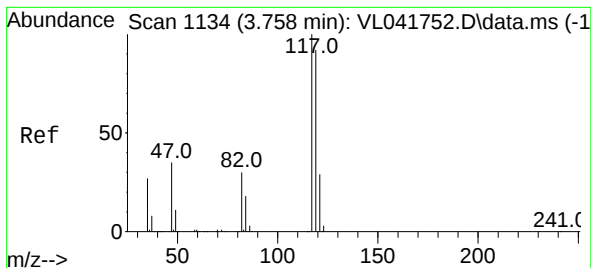
Tgt Ion: 43 Resp: 125372

Ion Ratio Lower Upper

43 100

72 21.1 16.8 25.2





#35

Carbon Tetrachloride

Concen: 11.807 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

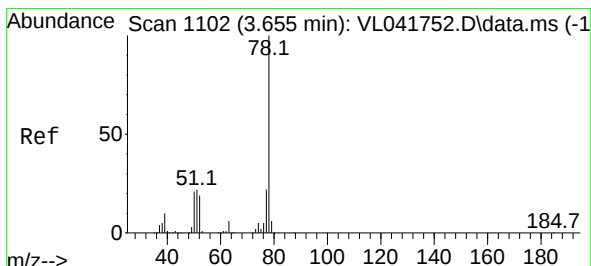
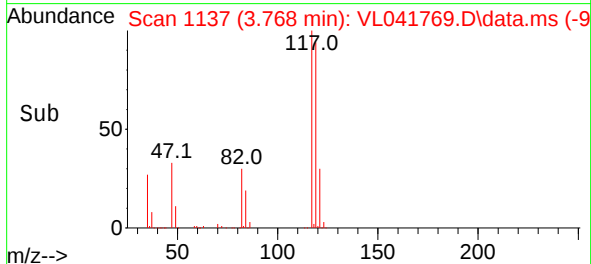
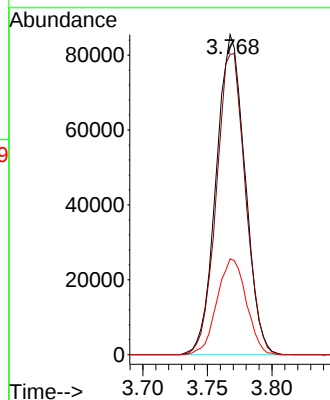
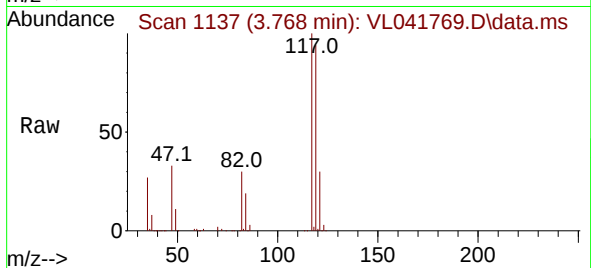
Tgt Ion:117 Resp: 132719

Ion Ratio Lower Upper

117 100

119 93.9 73.7 110.5

121 30.0 23.0 34.4



#36

Benzene

Concen: 9.977 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

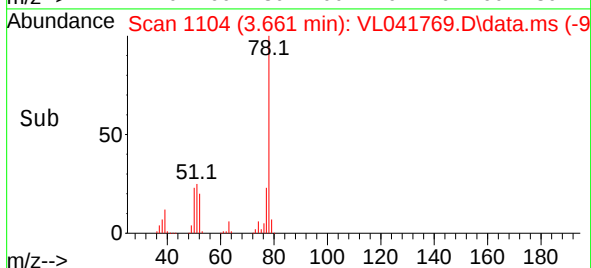
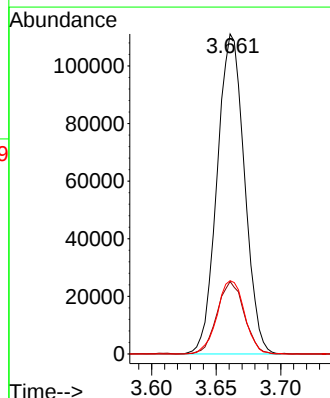
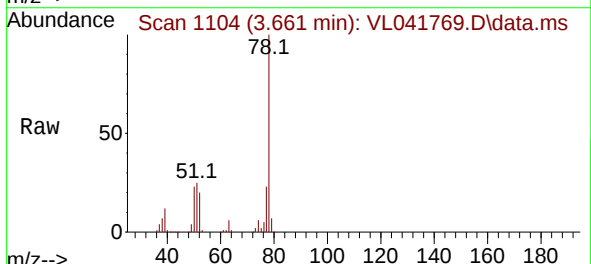
Tgt Ion: 78 Resp: 163404

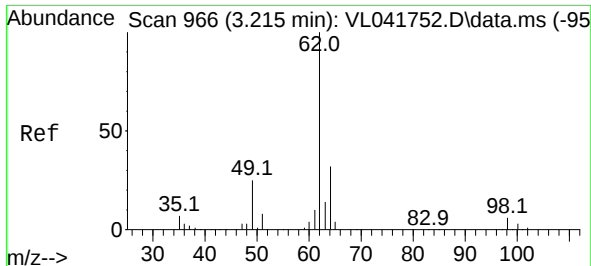
Ion Ratio Lower Upper

78 100

77 22.6 17.8 26.6

50 22.9 17.2 25.8

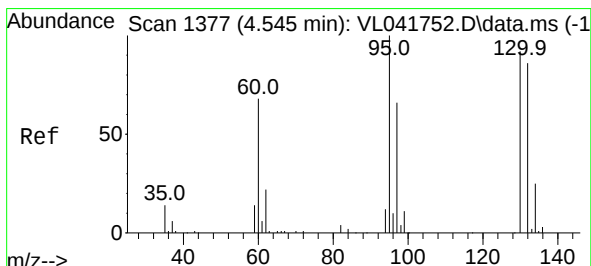
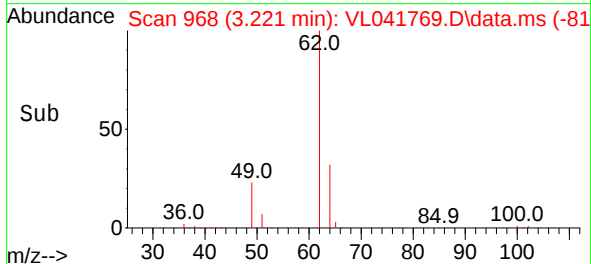
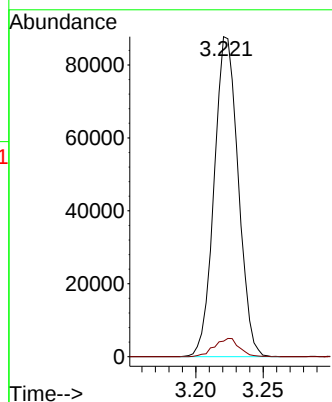
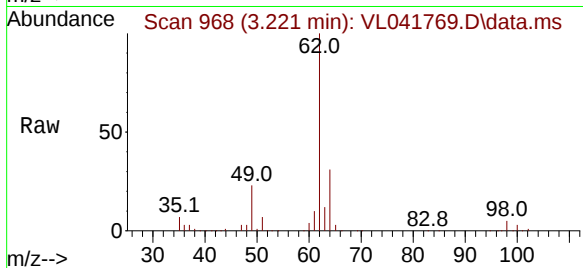




#37
1,2-Dichloroethane
Concen: 10.696 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

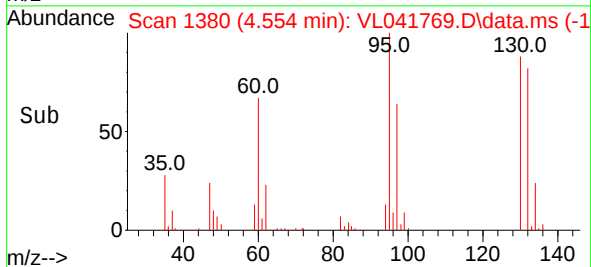
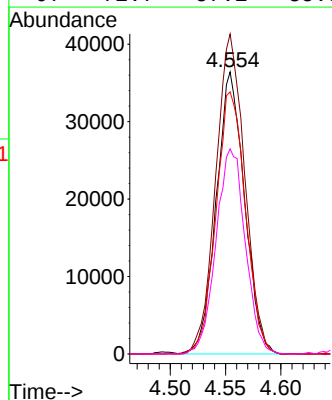
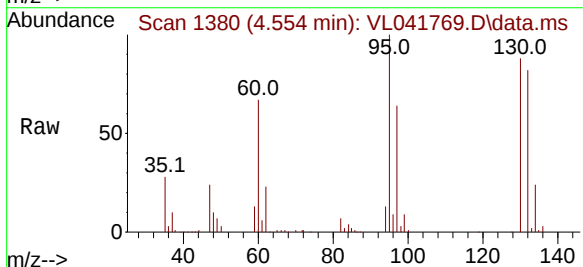
Instrument :
MSVOA_L
ClientSampleId :

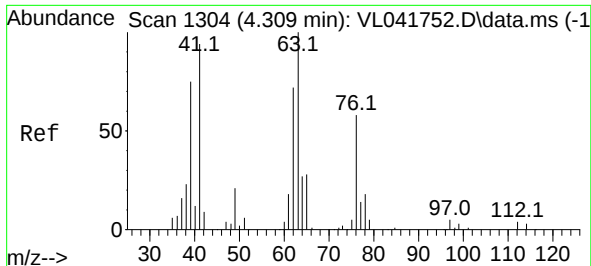
Tgt Ion: 62 Resp: 109008
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1



#38
Trichloroethene
Concen: 9.301 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:130 Resp: 64661
Ion Ratio Lower Upper
130 100
95 113.4 87.0 130.6
132 92.9 75.0 112.6
97 72.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.797 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

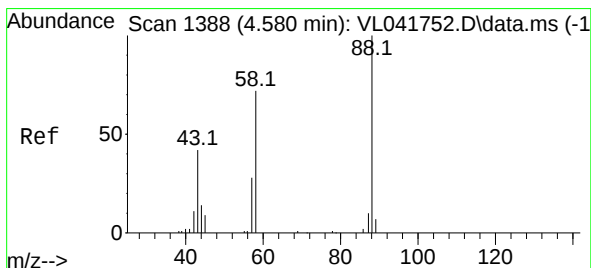
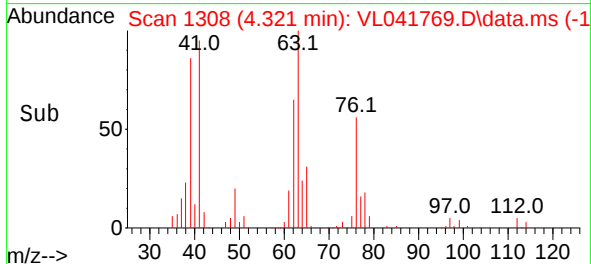
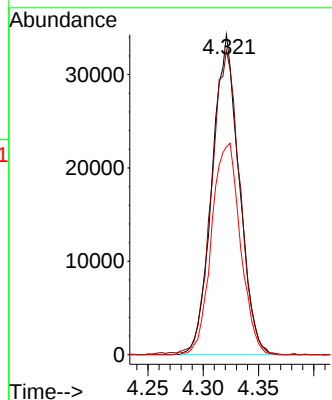
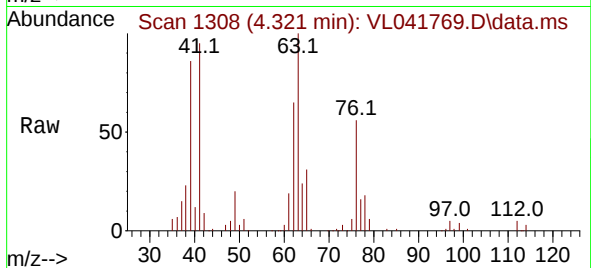
Tgt Ion: 63 Resp: 58032

Ion Ratio Lower Upper

63 100

41 95.0 75.3 112.9

62 65.0 57.3 85.9



#40

1,4-Dioxane

Concen: 8.588 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 88 Resp: 24851

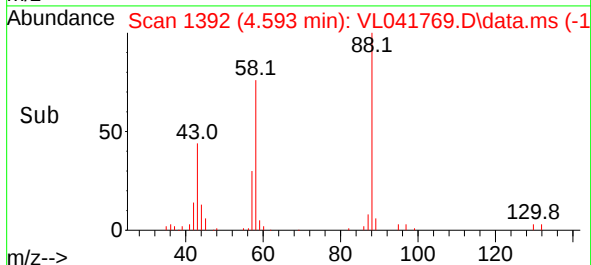
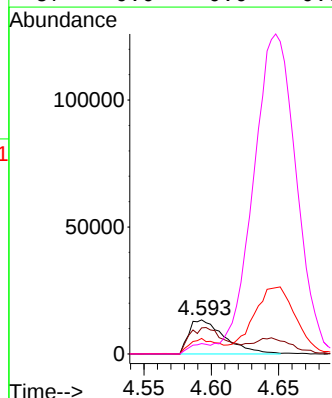
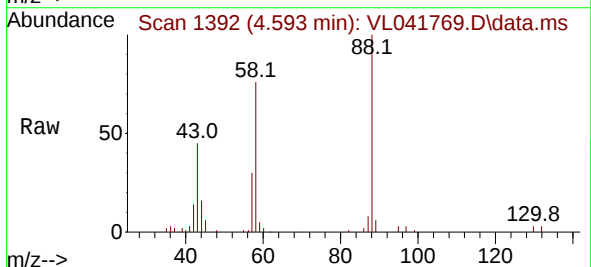
Ion Ratio Lower Upper

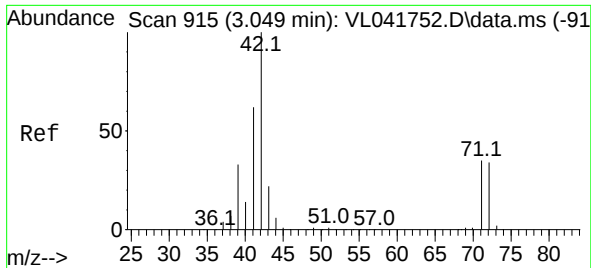
88 100

58 76.0 61.0 91.6

43 38.4 29.4 44.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.459 ppbv

RT: 3.062 min Scan# 915

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

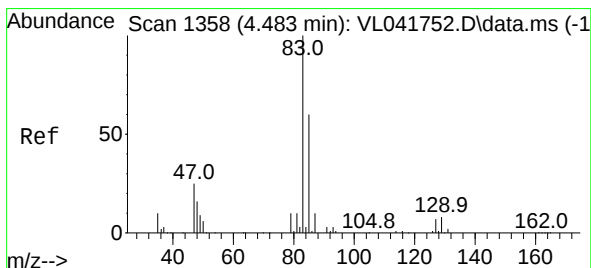
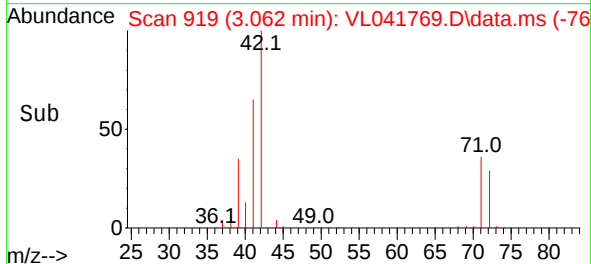
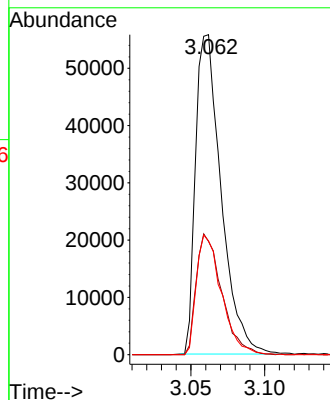
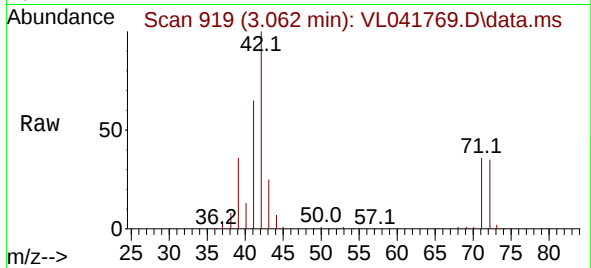
Tgt Ion: 42 Resp: 67503

Ion Ratio Lower Upper

42 100

72 37.5 29.1 43.7

71 36.5 28.4 42.6



#42

Bromodichloromethane

Concen: 11.046 ppbv

RT: 4.496 min Scan# 1362

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

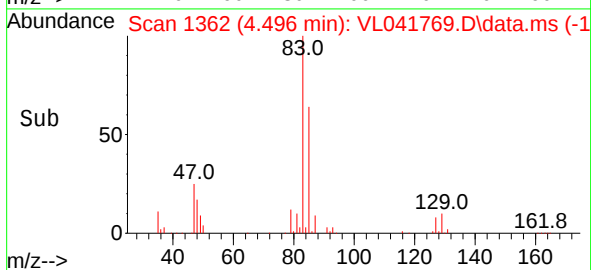
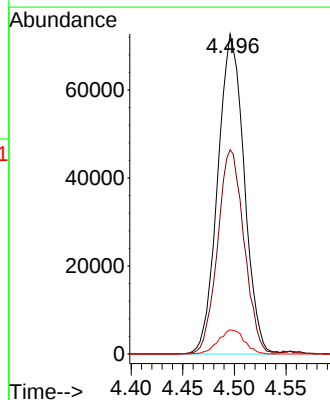
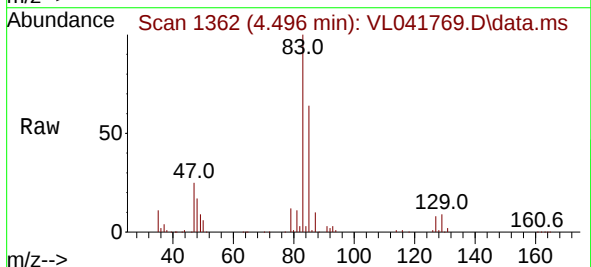
Tgt Ion: 83 Resp: 129509

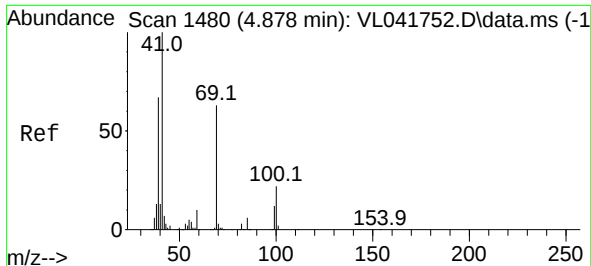
Ion Ratio Lower Upper

83 100

85 63.7 48.0 72.0

127 7.5 5.8 8.8





#43

Methyl Methacrylate

Concen: 4.829 ppbv

RT: 4.884 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

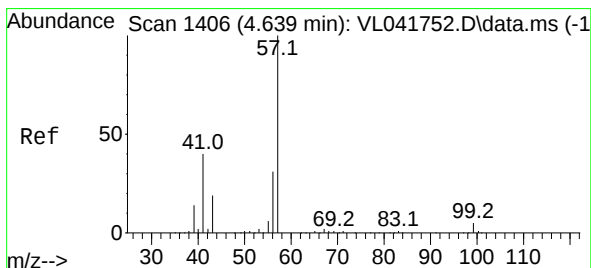
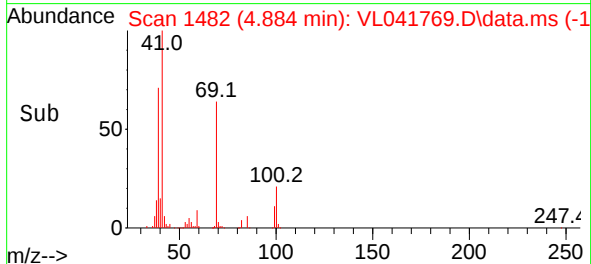
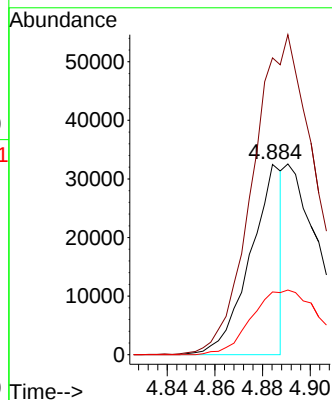
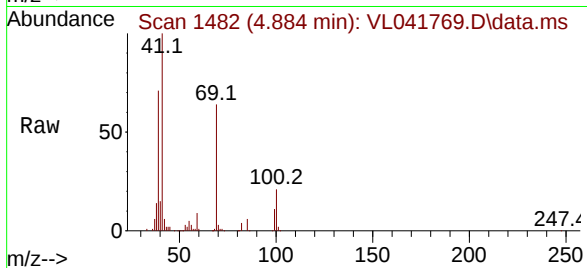
Tgt Ion: 69 Resp: 30136

Ion Ratio Lower Upper

69 100

41 0.0 130.3 195.5#

100 0.0 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 9.986 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

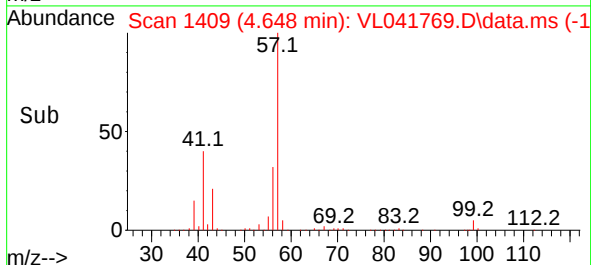
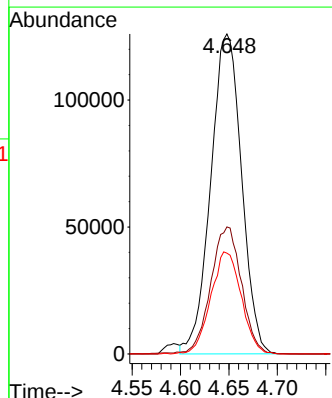
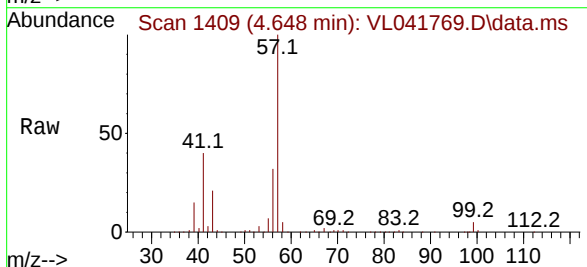
Tgt Ion: 57 Resp: 279312

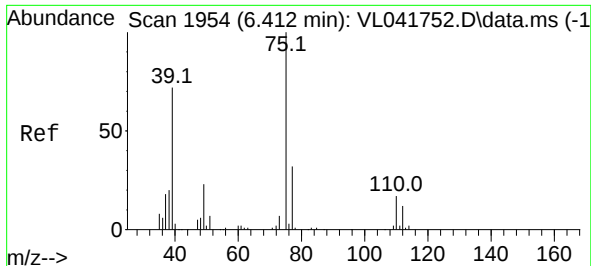
Ion Ratio Lower Upper

57 100

41 39.7 30.7 46.1

56 31.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 9.841 ppbv

RT: 6.425 min Scan# 1

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

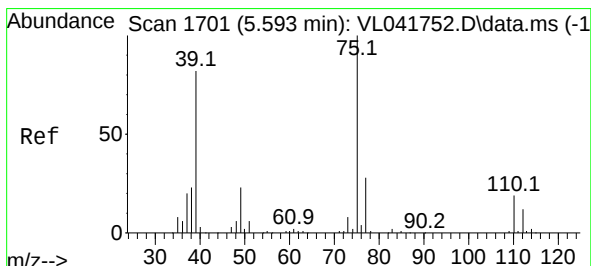
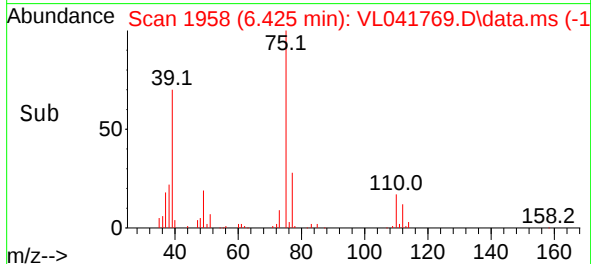
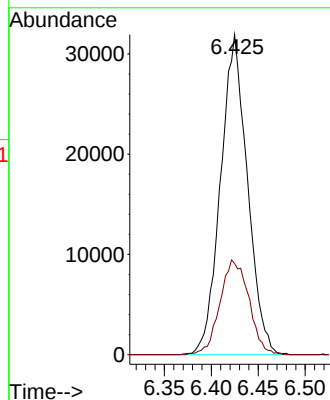
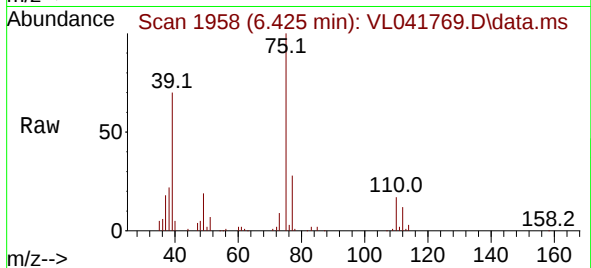
ClientSampleId :

Tgt Ion: 75 Resp: 63523

Ion Ratio Lower Upper

75 100

77 28.5 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 9.952 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

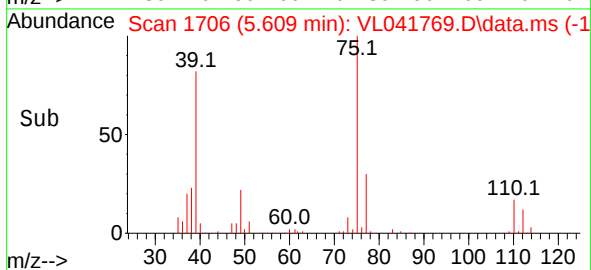
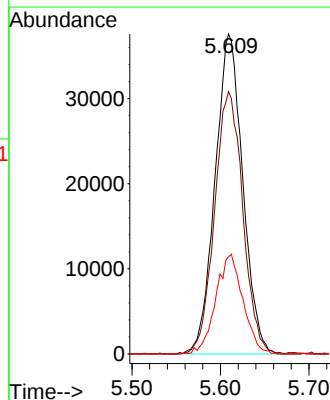
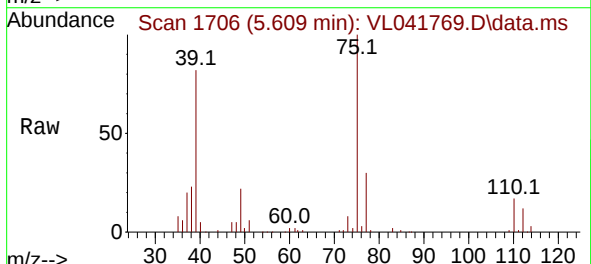
Tgt Ion: 75 Resp: 81552

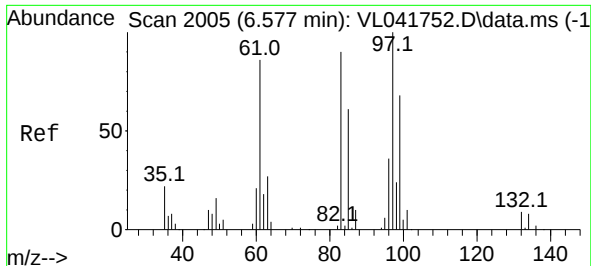
Ion Ratio Lower Upper

75 100

39 81.5 65.2 97.8

77 30.4 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.948 ppbv

RT: 6.590 min Scan# 2009

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 61551

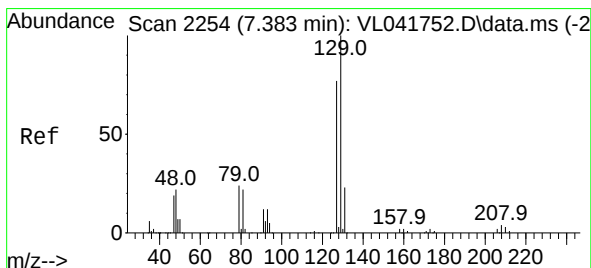
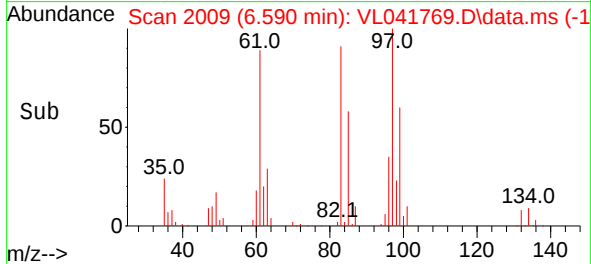
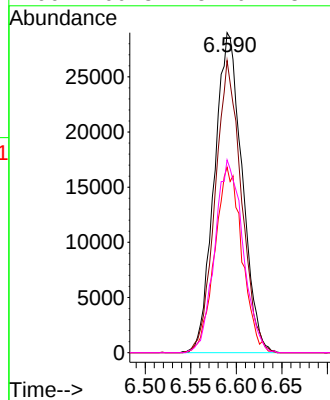
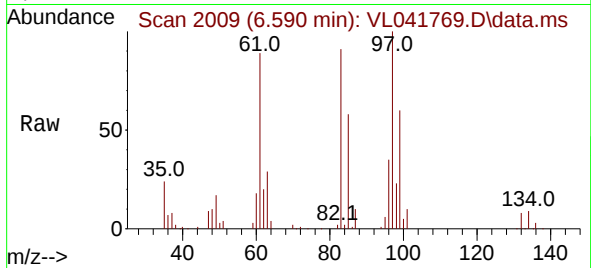
Ion Ratio Lower Upper

97 100

83 91.3 72.3 108.5

85 57.9 48.5 72.7

99 60.3 54.0 81.0



#48

Dibromochloromethane

Concen: 11.205 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.012 min

Lab File: VL041769.D

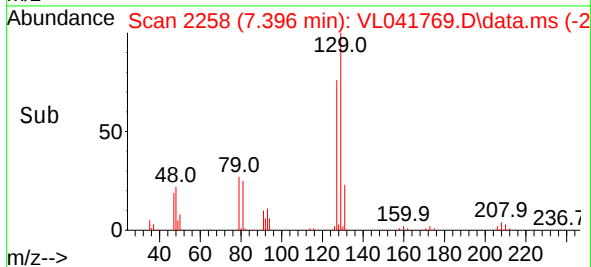
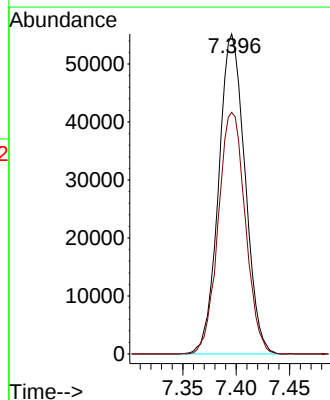
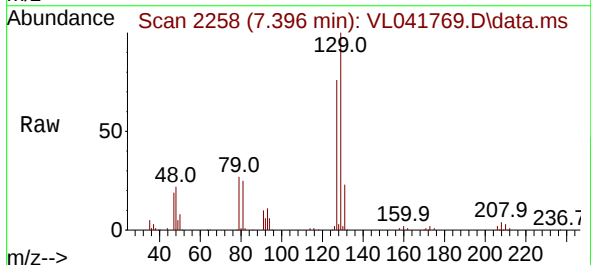
Acq: 17 Dec 2024 07:59

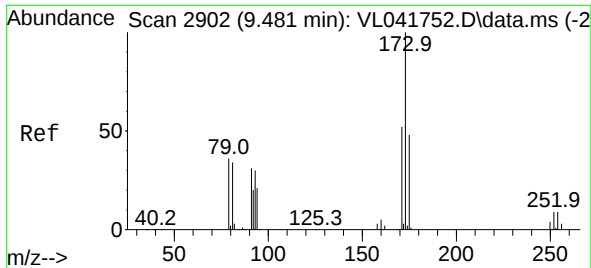
Tgt Ion: 129 Resp: 94664

Ion Ratio Lower Upper

129 100

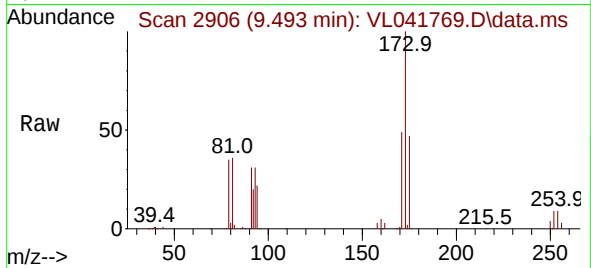
127 77.7 38.8 116.3



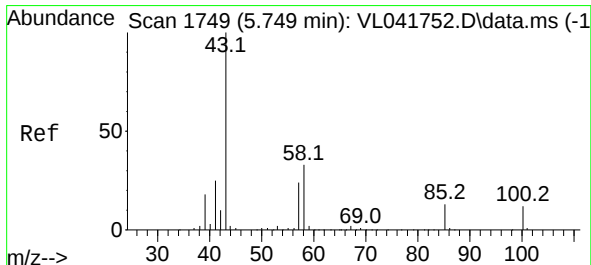
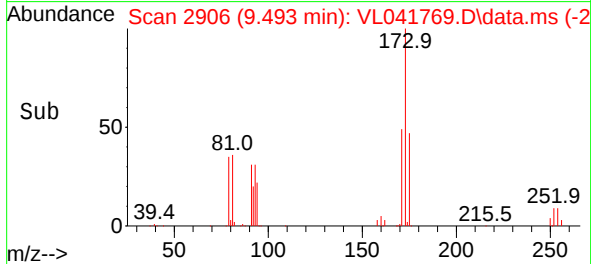
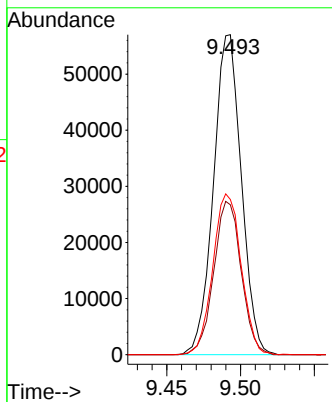


#49
Bromoform
Concen: 10.839 ppbv
RT: 9.493 min Scan# 20
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Instrument :
MSVOA_L
ClientSampleId :

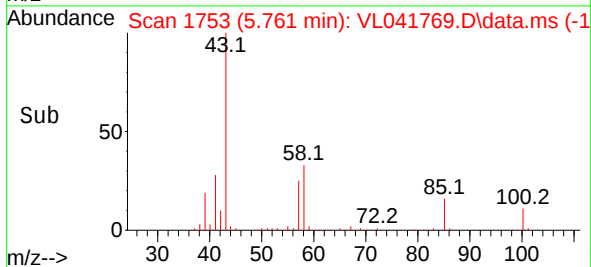
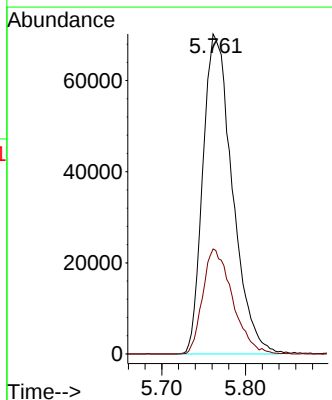
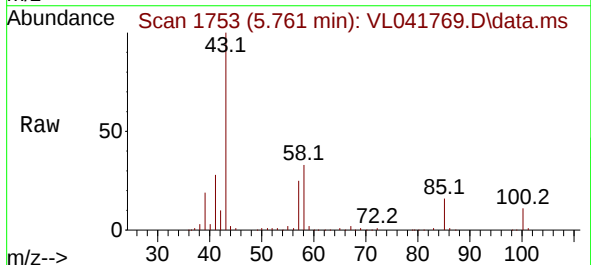


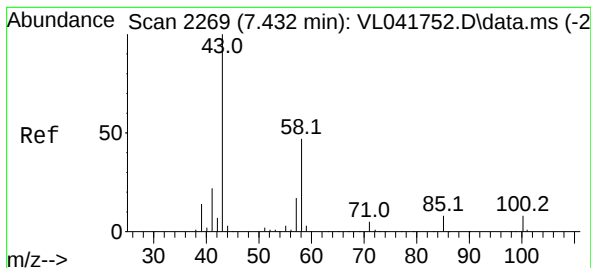
Tgt Ion:173 Resp: 74960
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.2
171 51.2 41.1 61.7



#50
4-Methyl-2-Pentanone
Concen: 9.904 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.012 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion: 43 Resp: 171768
Ion Ratio Lower Upper
43 100
58 33.1 26.8 40.2





#51

2-Hexanone

Concen: 9.553 ppbv

RT: 7.448 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

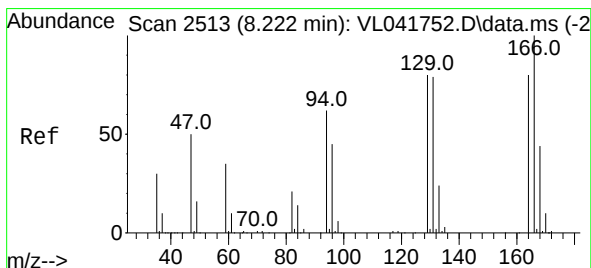
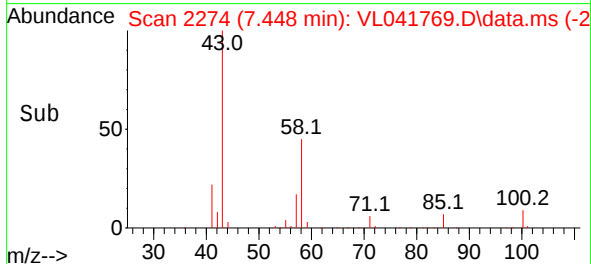
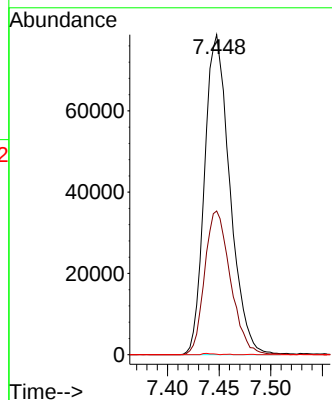
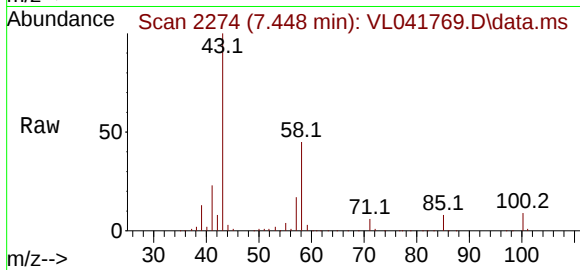
Tgt Ion: 43 Resp: 134291

Ion Ratio Lower Upper

43 100

58 45.9 36.6 55.0

98 0.2 0.1 0.1#



#52

Tetrachloroethene

Concen: 8.950 ppbv

RT: 8.234 min Scan# 2517

Delta R.T. 0.012 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion: 164 Resp: 54561

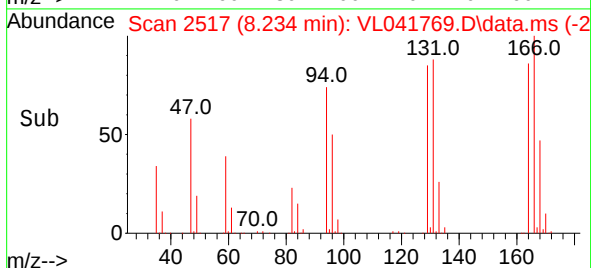
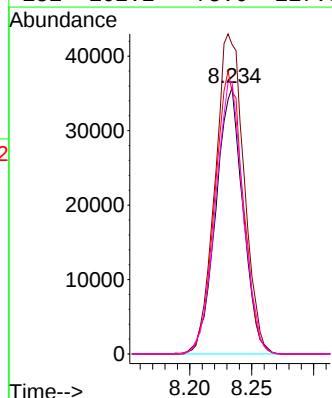
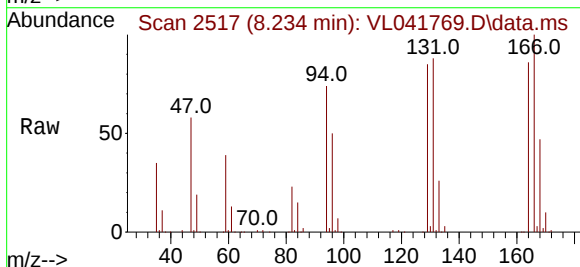
Ion Ratio Lower Upper

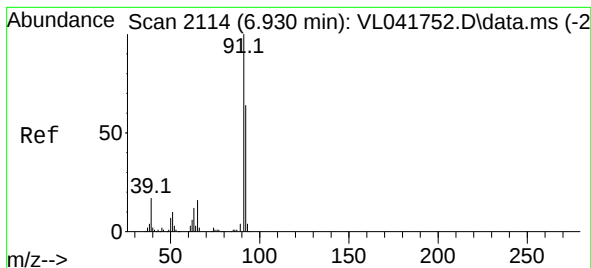
164 100

166 116.2 99.8 149.6

129 98.5 79.6 119.4

131 102.2 78.6 117.8





#53

Toluene

Concen: 9.685 ppbv

RT: 6.939 min Scan# 2114

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

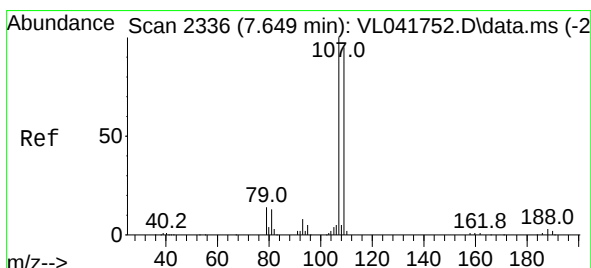
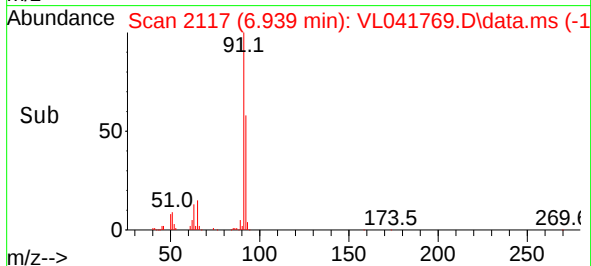
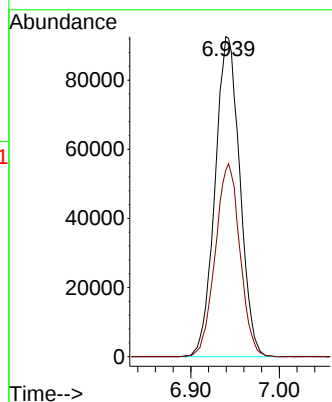
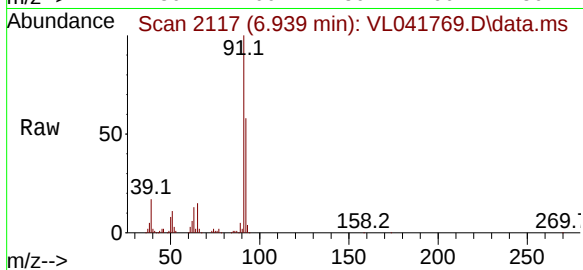
ClientSampleId :

Tgt Ion: 91 Resp: 179836

Ion Ratio Lower Upper

91 100

92 60.0 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.054 ppbv

RT: 7.661 min Scan# 2340

Delta R.T. 0.012 min

Lab File: VL041769.D

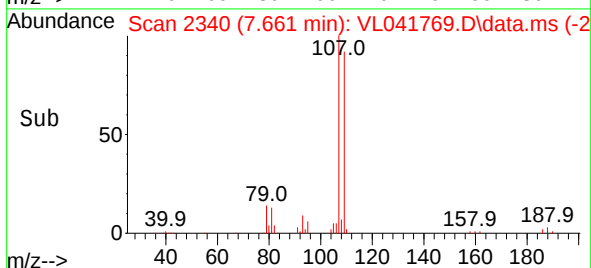
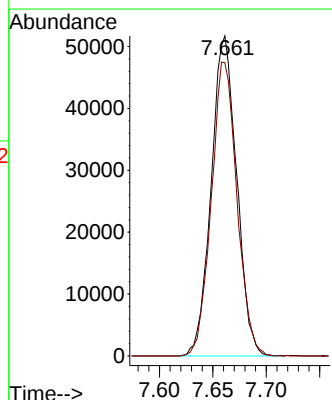
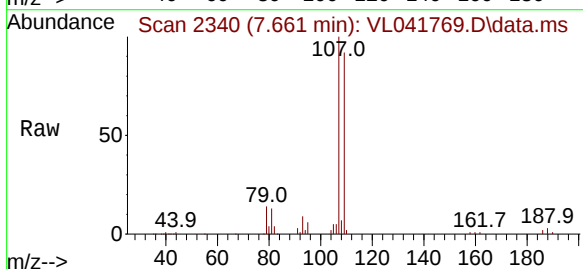
Acq: 17 Dec 2024 07:59

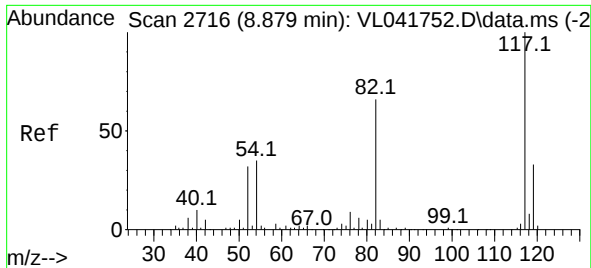
Tgt Ion:107 Resp: 85711

Ion Ratio Lower Upper

107 100

109 91.7 75.9 113.9

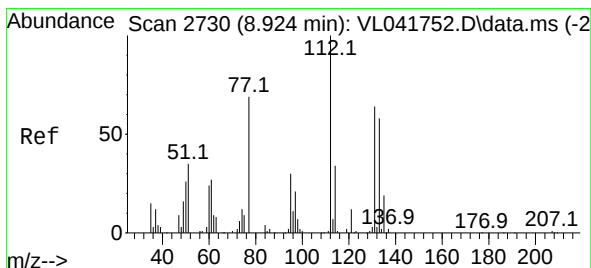
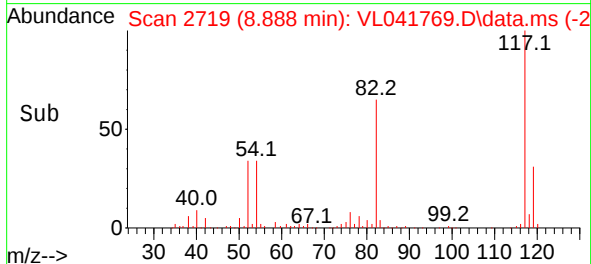
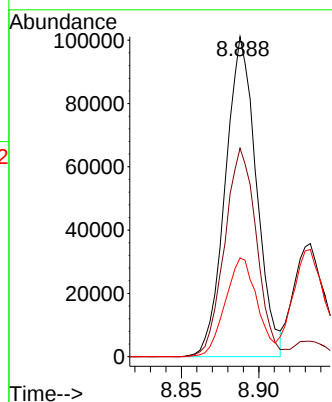
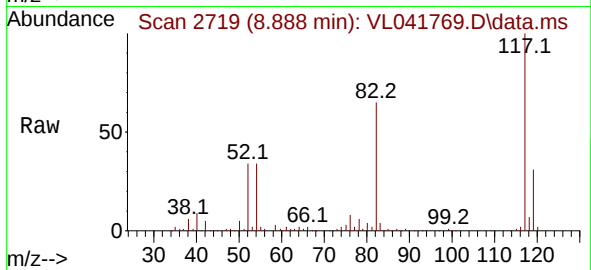




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

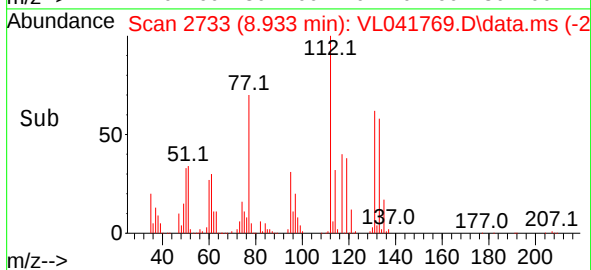
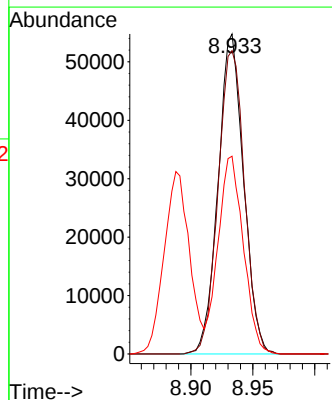
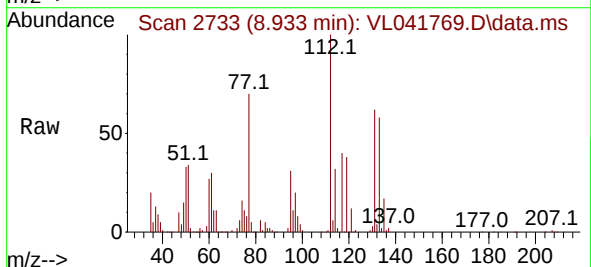
Instrument :
MSVOA_L
ClientSampleId :

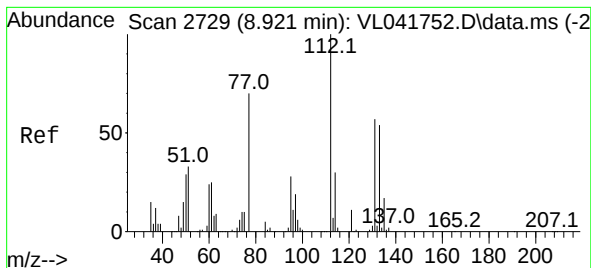
Tgt Ion:117 Resp: 141285
Ion Ratio Lower Upper
117 100
82 72.0 53.8 80.8
119 31.2 26.7 40.1



#56
1,1,1,2-Tetrachloroethane
Concen: 10.470 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:131 Resp: 78423
Ion Ratio Lower Upper
131 100
133 98.3 76.8 115.2
119 62.5 49.0 73.6





#57

Chlorobenzene

Concen: 9.573 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

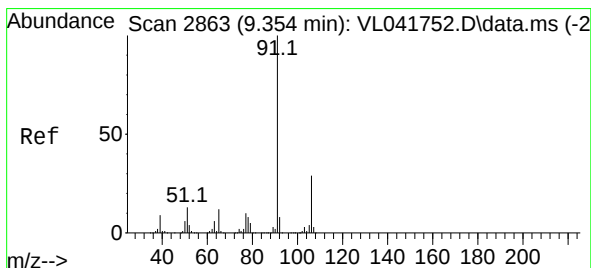
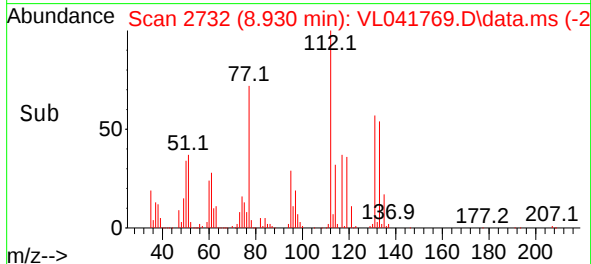
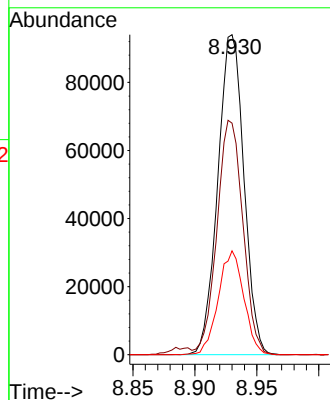
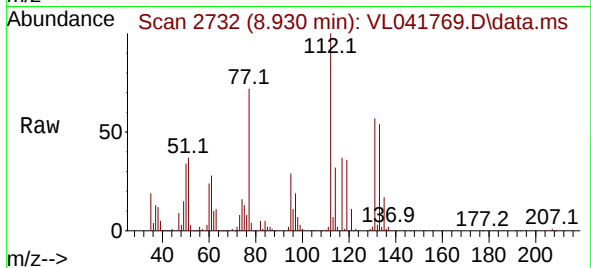
Tgt Ion:112 Resp: 138401

Ion Ratio Lower Upper

112 100

77 72.3 57.4 86.0

114 32.4 27.4 33.4



#58

Ethyl Benzene

Concen: 9.989 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. 0.009 min

Lab File: VL041769.D

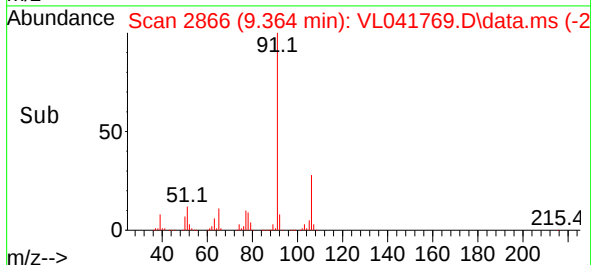
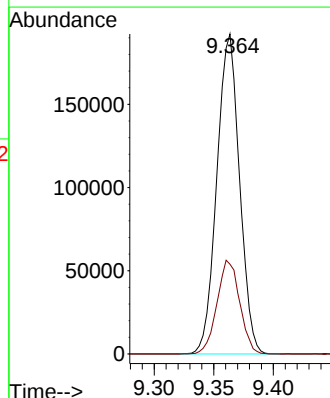
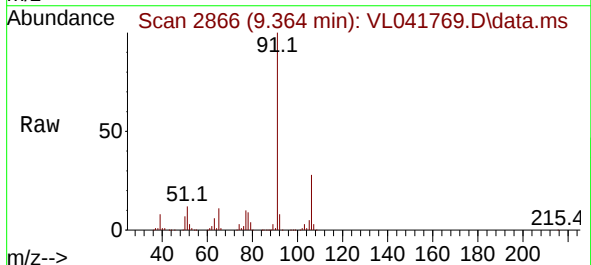
Acq: 17 Dec 2024 07:59

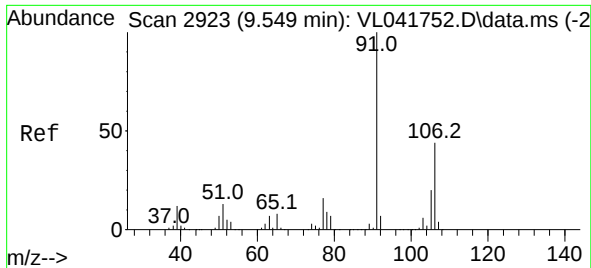
Tgt Ion: 91 Resp: 254090

Ion Ratio Lower Upper

91 100

106 28.1 23.5 35.3





#59

m/p-Xylene

Concen: 9.690 ppbv

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_1

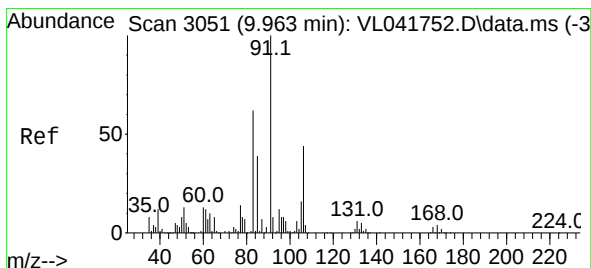
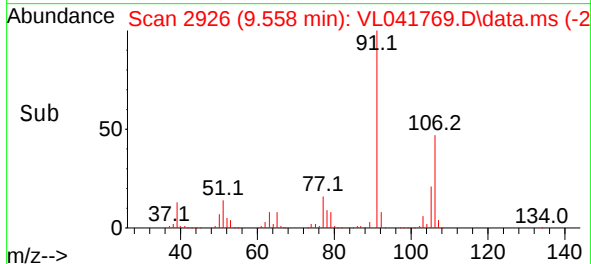
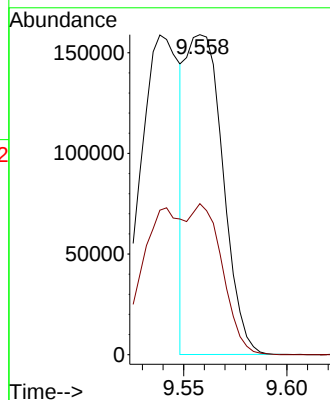
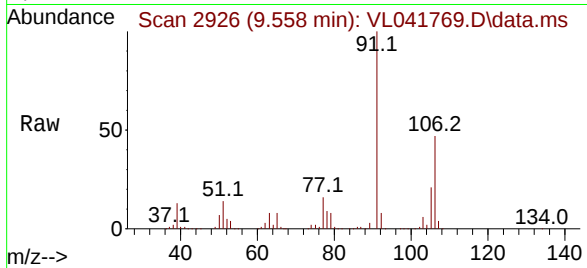
ClientSampleId :

Tgt Ion: 91 Resp: 198187

Ion Ratio Lower Upper

91 100

106 93.4 0.0 0.0#



#60

o-Xylene

Concen: 10.006 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.009 min

Lab File: VL041769.D

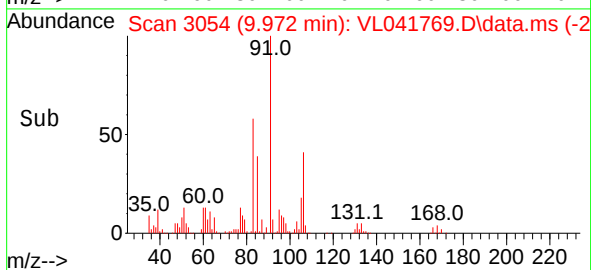
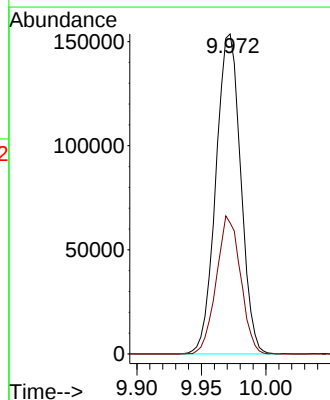
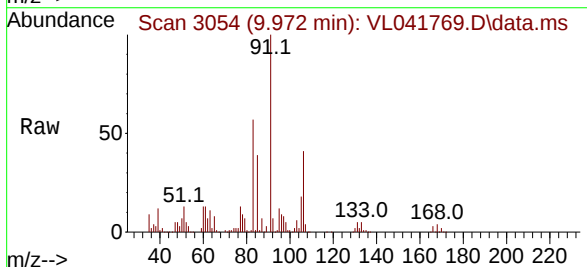
Acq: 17 Dec 2024 07:59

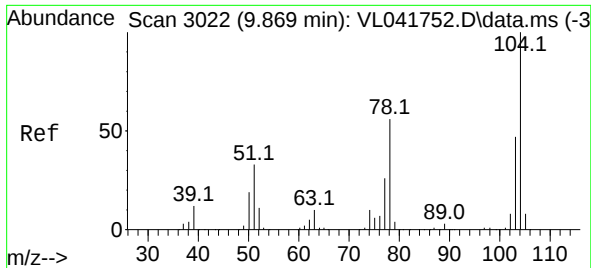
Tgt Ion: 91 Resp: 205223

Ion Ratio Lower Upper

91 100

106 42.1 21.1 63.4

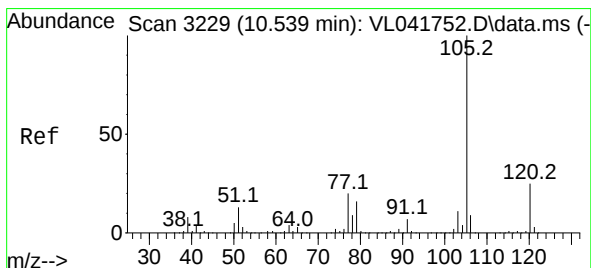
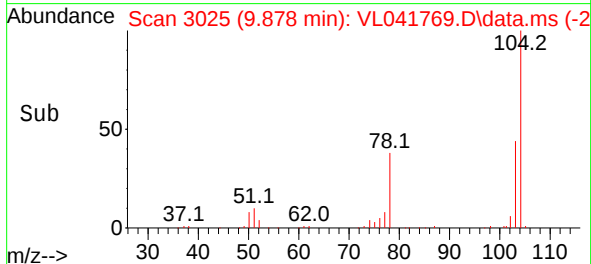
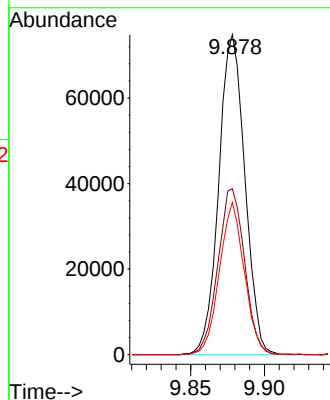
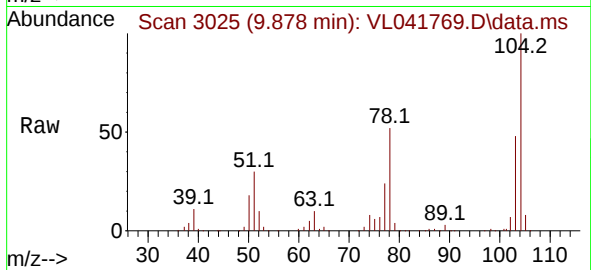




#61
Styrene
Concen: 10.401 ppbv
RT: 9.878 min Scan# 3022
Delta R.T. 0.009 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

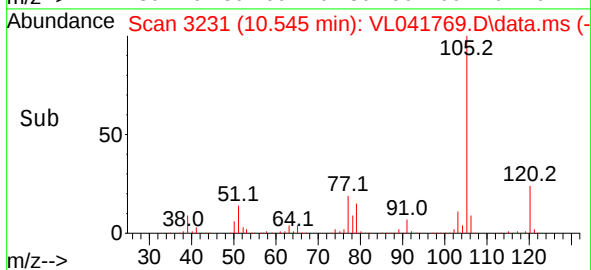
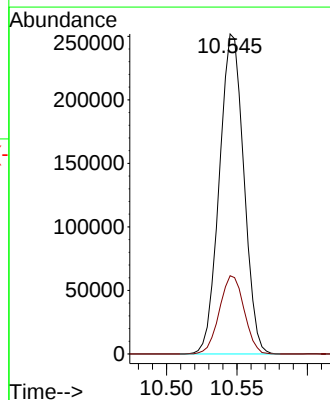
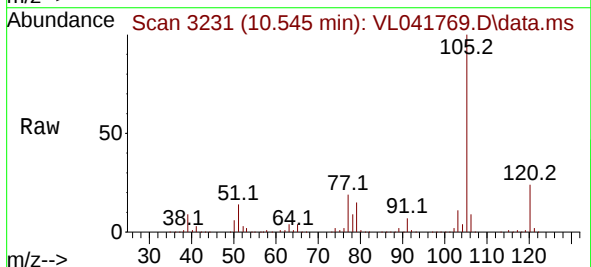
Instrument :
MSVOA_L
ClientSampleId :

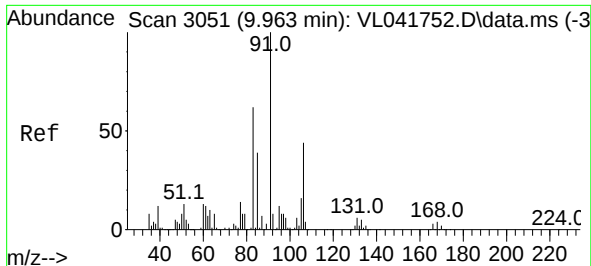
Tgt Ion:104 Resp: 92239
Ion Ratio Lower Upper
104 100
78 53.0 43.8 65.6
103 45.4 37.8 56.6



#62
Isopropylbenzene
Concen: 9.878 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

Tgt Ion:105 Resp: 304398
Ion Ratio Lower Upper
105 100
120 24.7 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.121 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

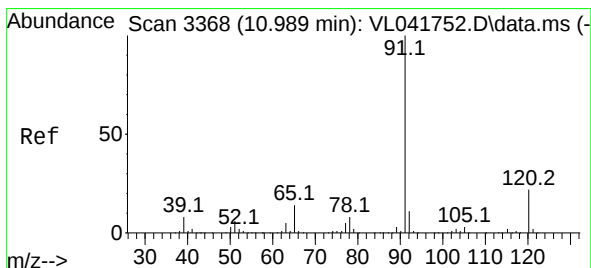
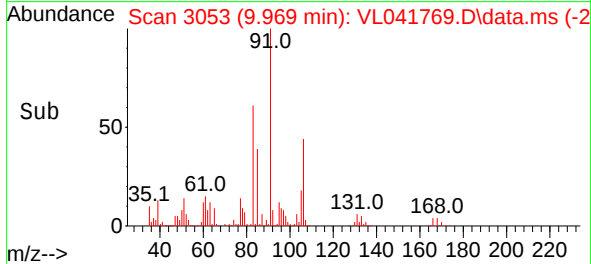
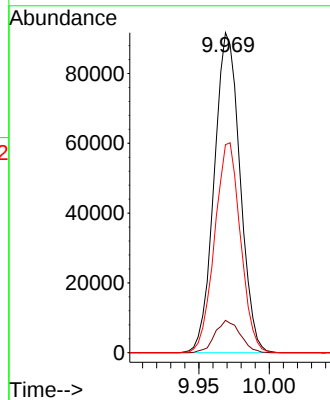
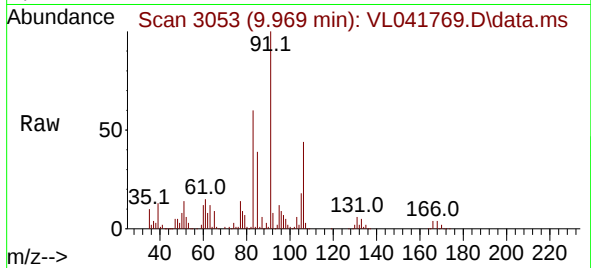
Tgt Ion: 83 Resp: 117095

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 65.7 32.0 96.2



#64

n-propylbenzene

Concen: 9.686 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.006 min

Lab File: VL041769.D

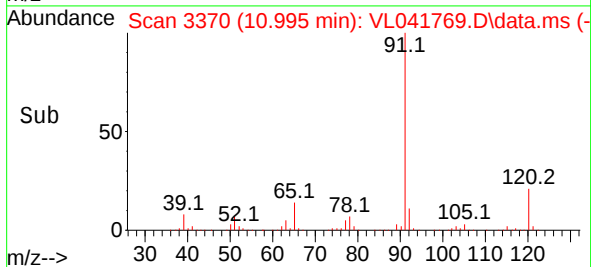
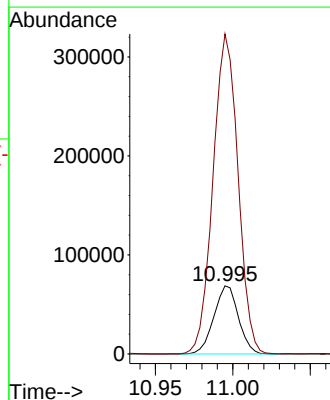
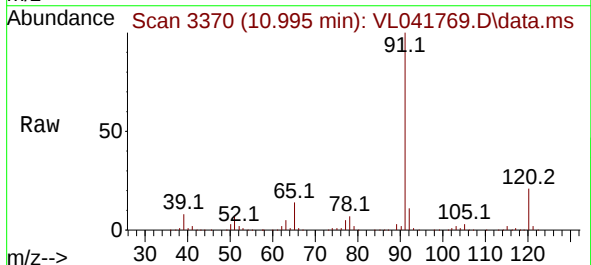
Acq: 17 Dec 2024 07:59

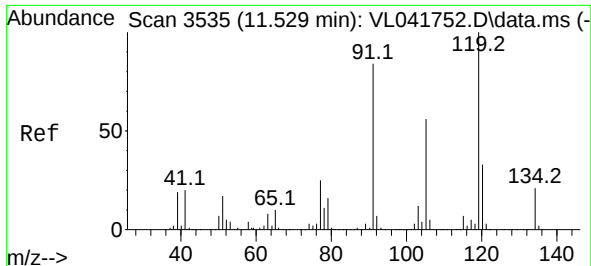
Tgt Ion:120 Resp: 75463

Ion Ratio Lower Upper

120 100

91 480.7 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.590 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

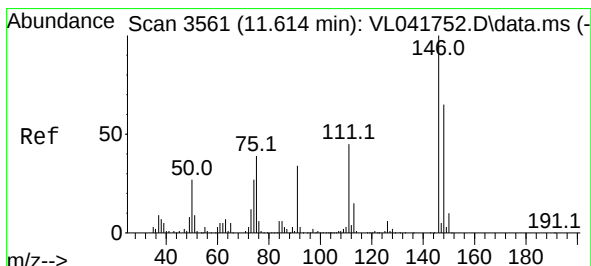
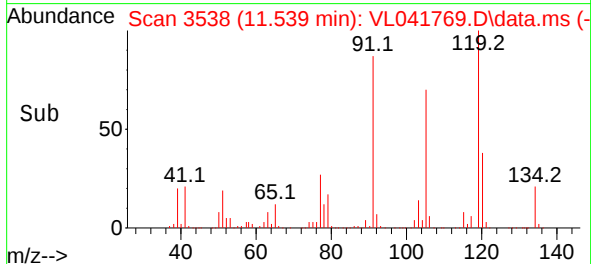
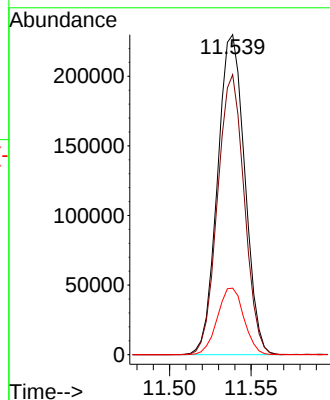
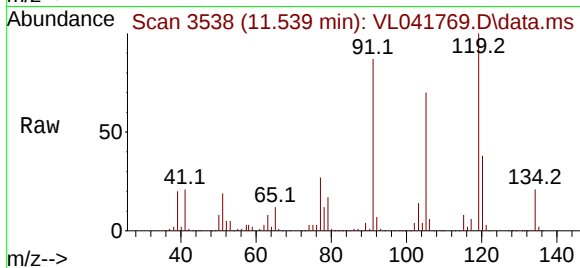
Tgt Ion:119 Resp: 266613

Ion Ratio Lower Upper

119 100

91 85.7 67.0 100.4

134 20.3 16.5 24.7



#66

Benzyl Chloride

Concen: 7.447 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

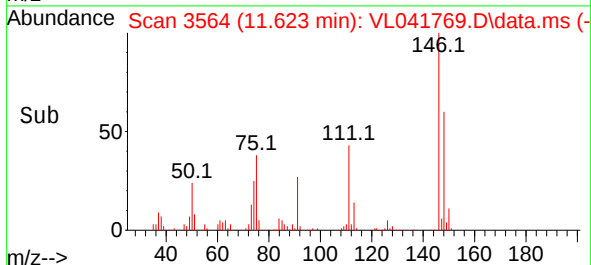
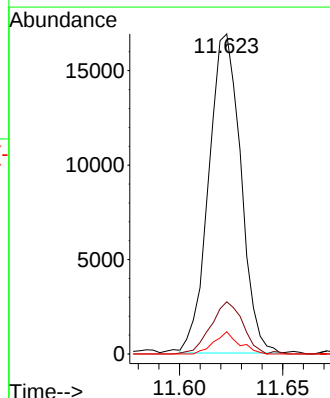
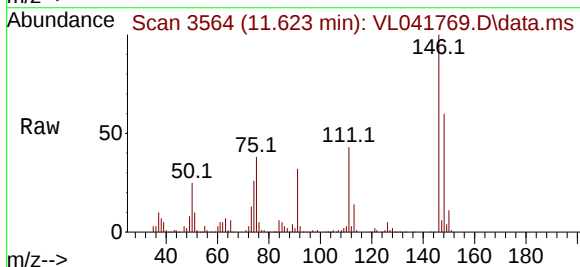
Tgt Ion: 91 Resp: 18237

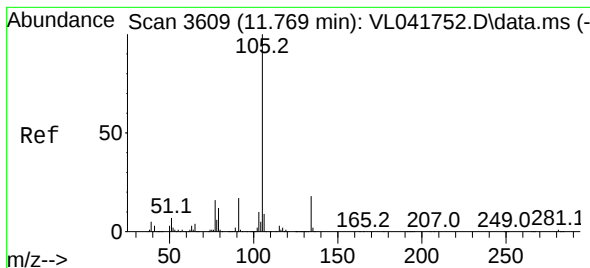
Ion Ratio Lower Upper

91 100

126 16.5 13.9 20.9

128 5.4 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.530 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

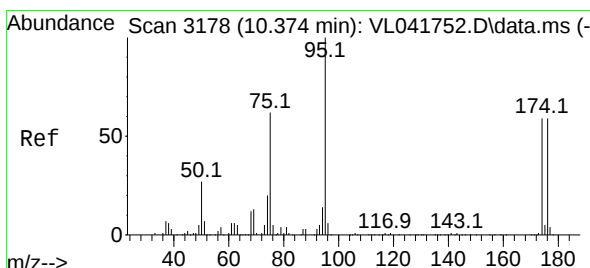
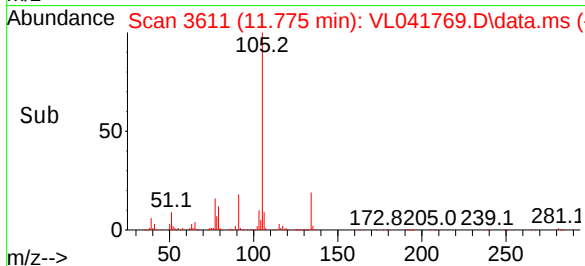
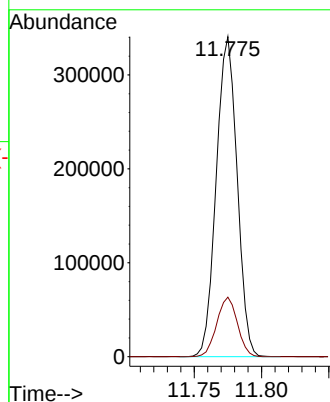
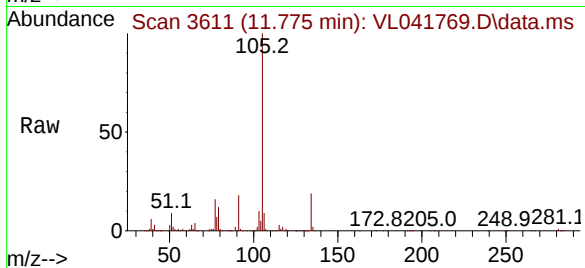
ClientSampleId :

Tgt Ion:105 Resp: 366653

Ion Ratio Lower Upper

105 100

134 18.4 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.082 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

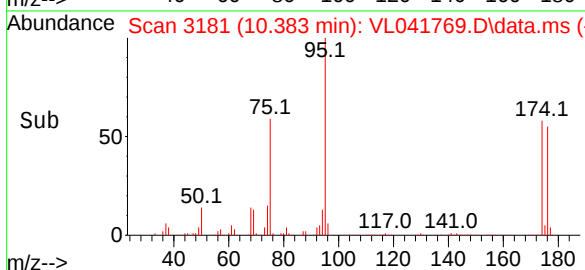
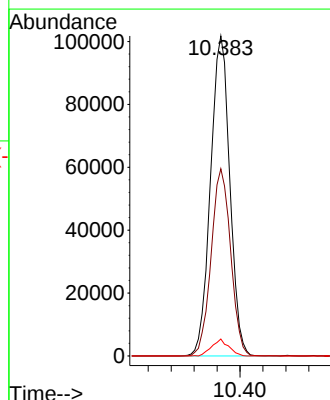
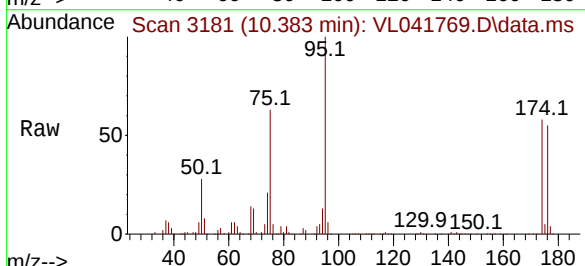
Tgt Ion: 95 Resp: 118706

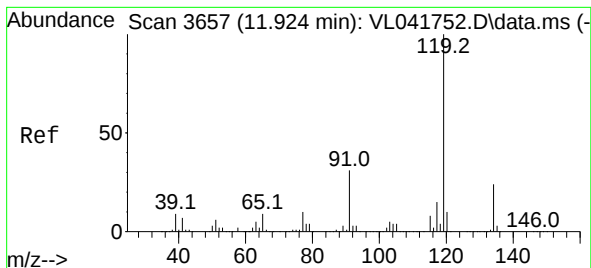
Ion Ratio Lower Upper

95 100

174 59.1 47.6 71.4

175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.273 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

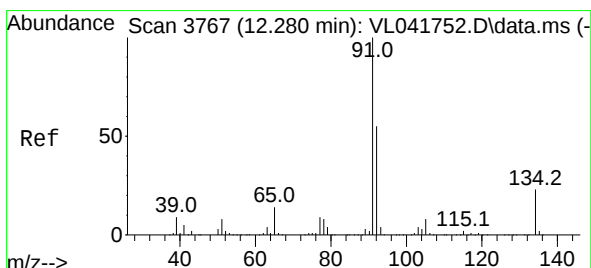
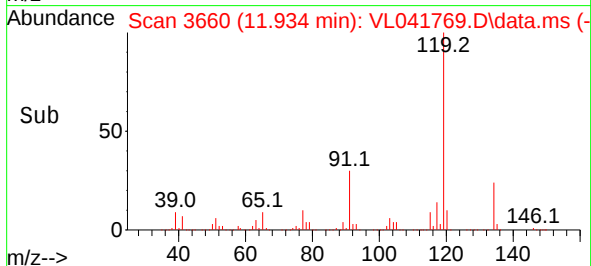
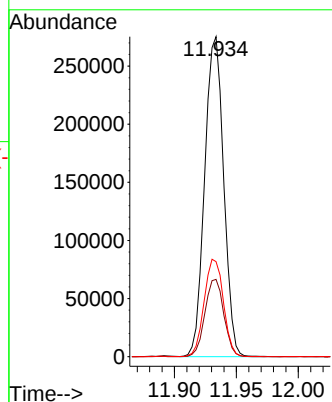
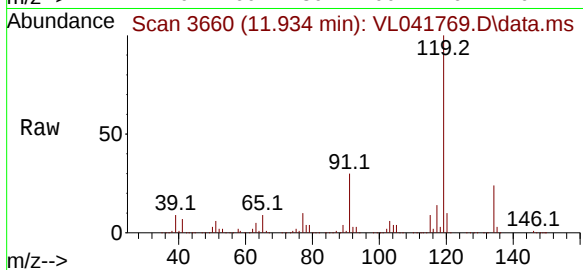
Tgt Ion:119 Resp: 293997

Ion Ratio Lower Upper

119 100

134 24.2 19.6 29.4

91 31.1 24.4 36.6



#70

n-Butylbenzene

Concen: 9.087 ppbv

RT: 12.286 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

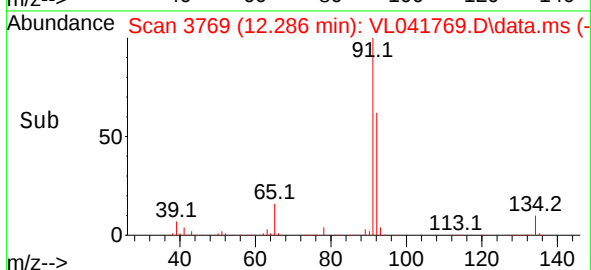
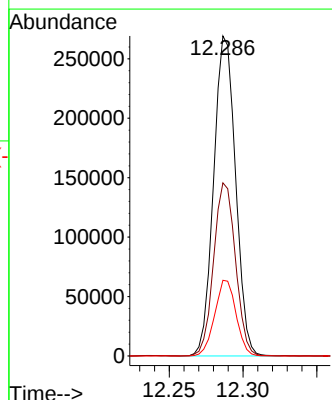
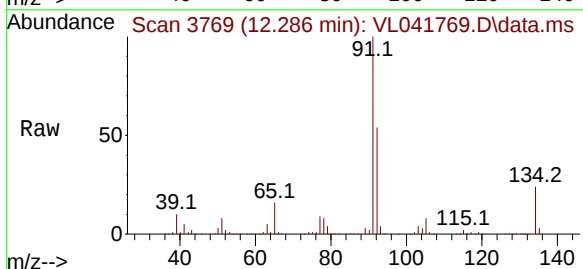
Tgt Ion: 91 Resp: 278374

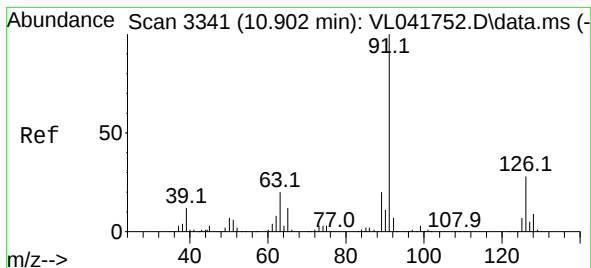
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 23.1 18.2 27.4





#71

2-Chlorotoluene

Concen: 9.372 ppbv

RT: 10.908 min Scan# 3412

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

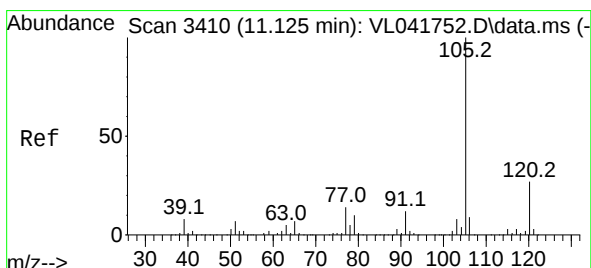
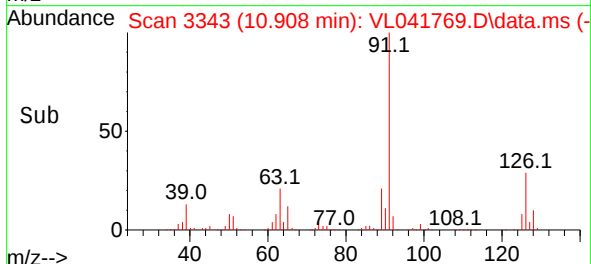
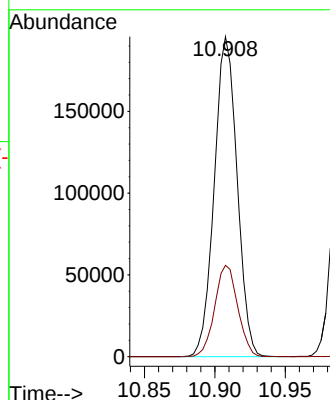
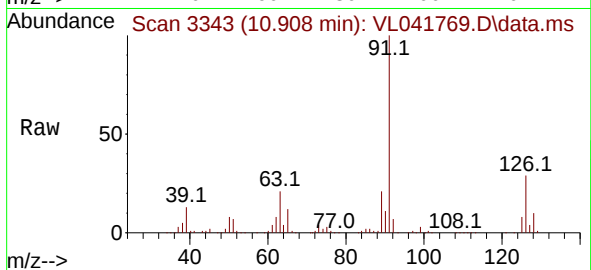
ClientSampleId :

Tgt Ion: 91 Resp: 220432

Ion Ratio Lower Upper

91 100

126 28.8 11.6 46.4



#72

4-Ethyltoluene

Concen: 9.718 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:105 Resp: 235268

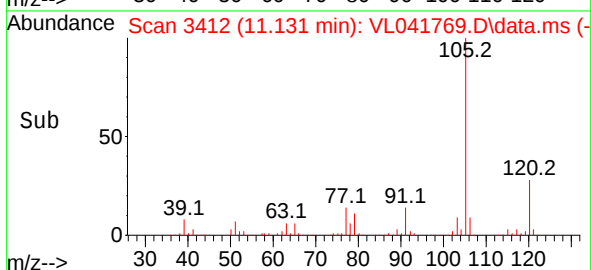
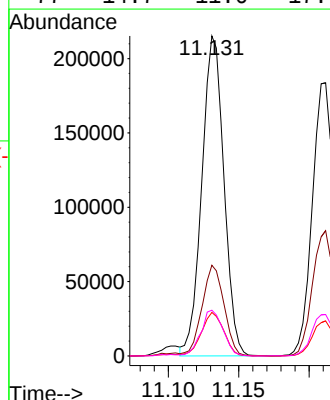
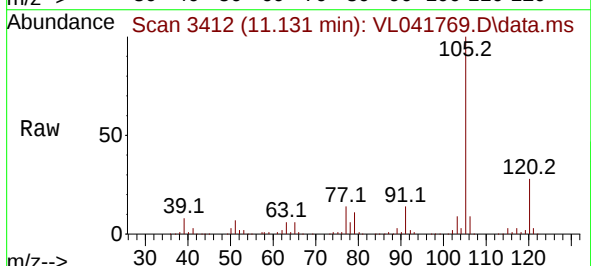
Ion Ratio Lower Upper

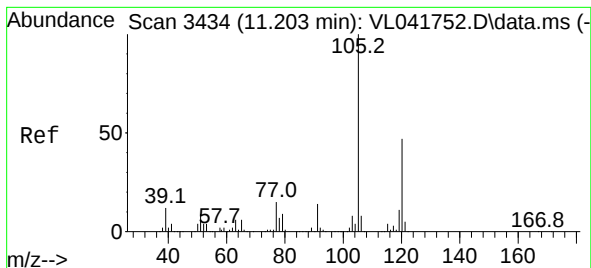
105 100

120 28.9 23.3 34.9

91 14.3 10.9 16.3

77 14.7 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.048 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

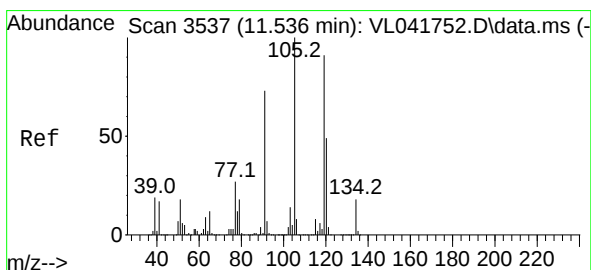
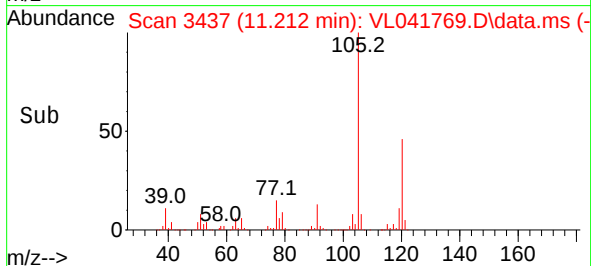
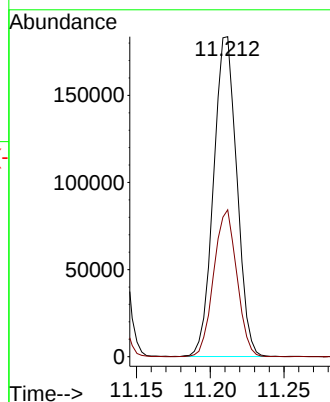
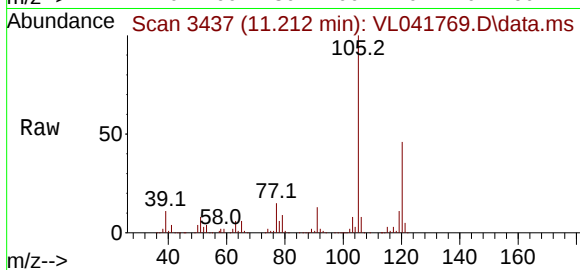
ClientSampleId :

Tgt Ion:105 Resp: 201807

Ion Ratio Lower Upper

105 100

120 45.9 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 9.828 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Tgt Ion:105 Resp: 212268

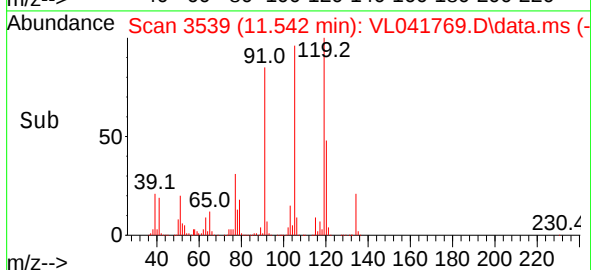
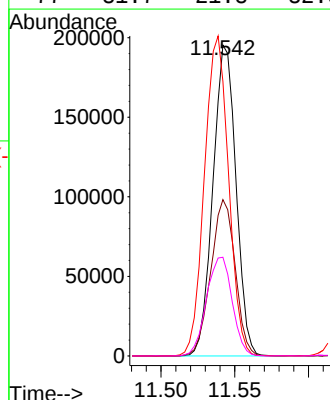
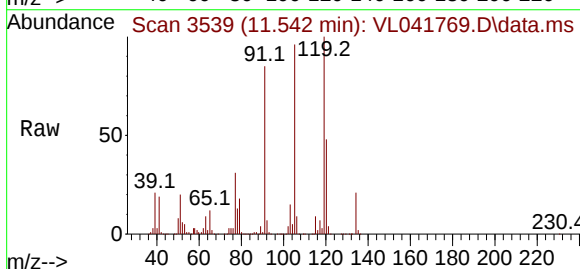
Ion Ratio Lower Upper

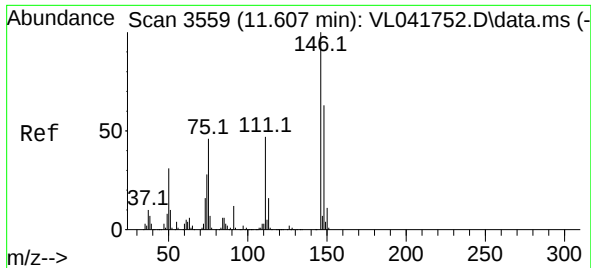
105 100

120 50.2 39.0 58.4

91 88.2 58.1 87.1#

77 31.7 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 8.682 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

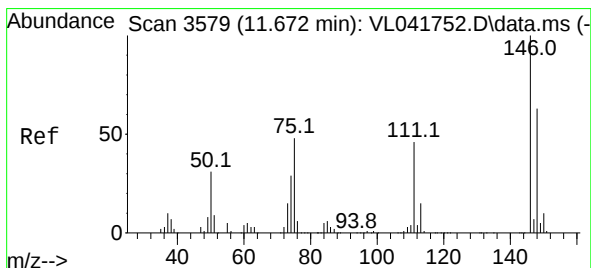
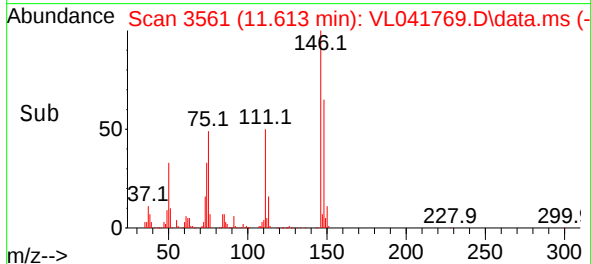
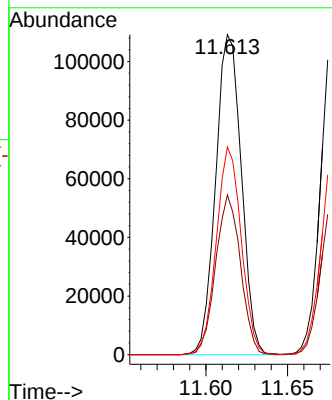
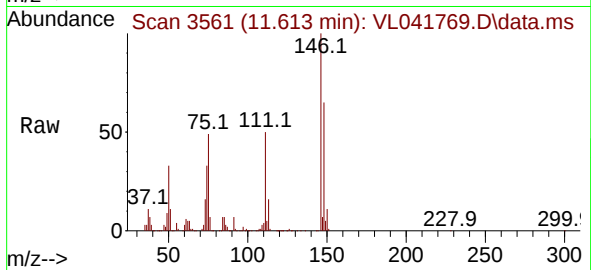
Tgt Ion:146 Resp: 119550

Ion Ratio Lower Upper

146 100

111 48.4 23.4 70.3

148 62.8 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 8.588 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

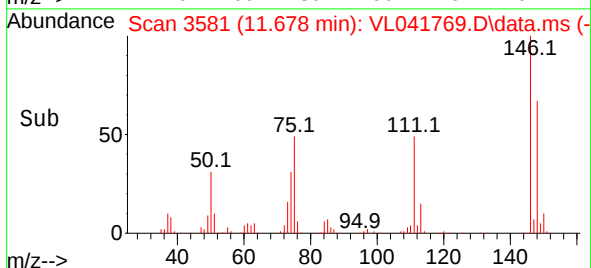
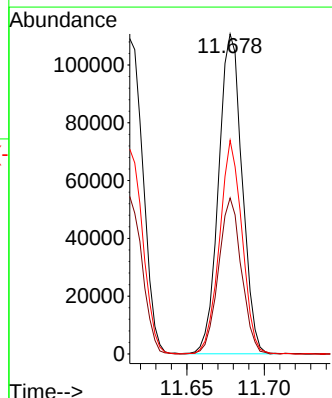
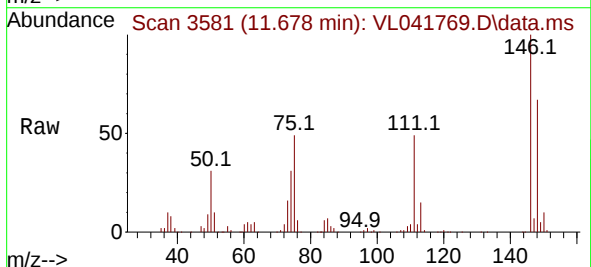
Tgt Ion:146 Resp: 116827

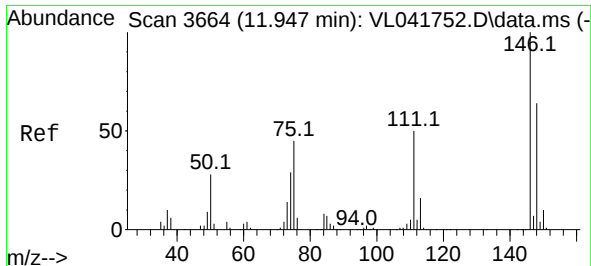
Ion Ratio Lower Upper

146 100

111 47.6 22.7 68.1

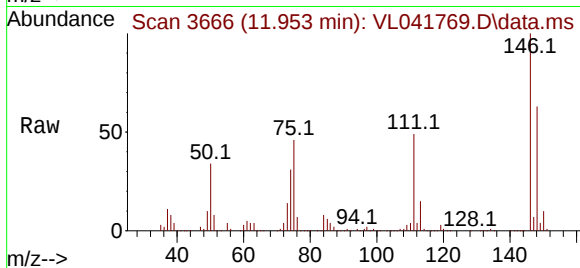
148 64.1 31.4 94.0



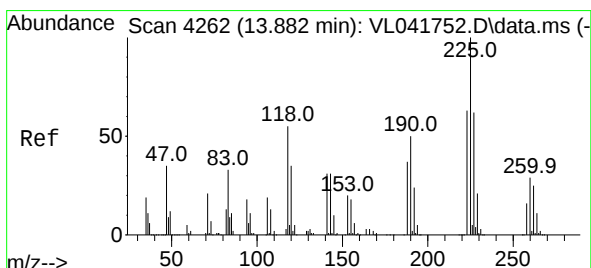
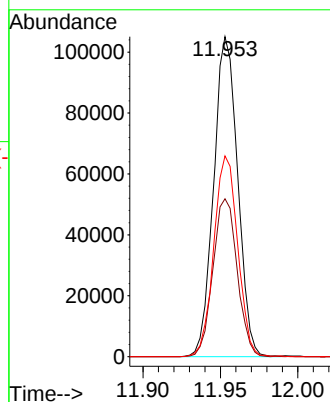
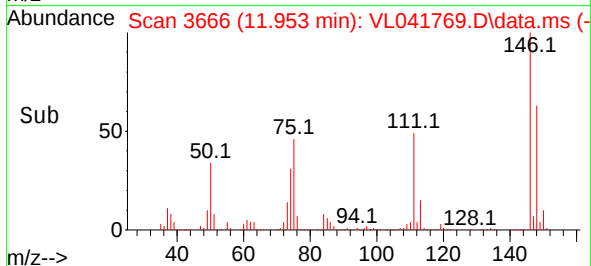


#77
1,2-Dichlorobenzene
Concen: 8.549 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59

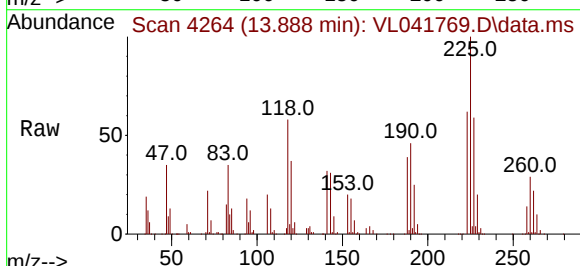
Instrument :
MSVOA_L
ClientSampleId :



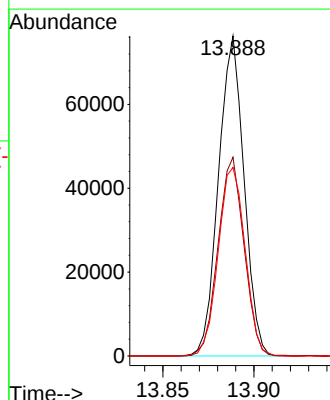
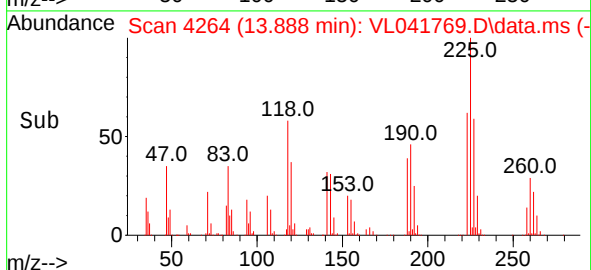
Tgt Ion:146 Resp: 113277
Ion Ratio Lower Upper
146 100
111 49.8 24.8 74.3
148 62.4 31.8 95.4

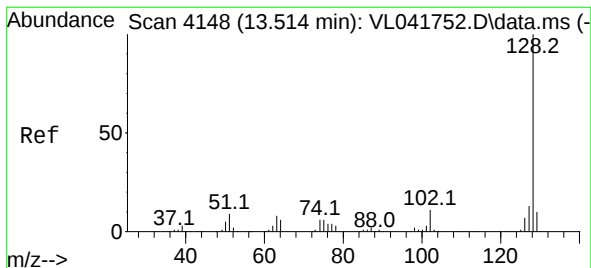


#78
Hexachloro-1,3-Butadiene
Concen: 7.557 ppbv
RT: 13.888 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041769.D
Acq: 17 Dec 2024 07:59



Tgt Ion:225 Resp: 74247
Ion Ratio Lower Upper
225 100
223 63.0 50.5 75.7
227 61.9 50.3 75.5





#79

Naphthalene

Concen: 10.403 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :

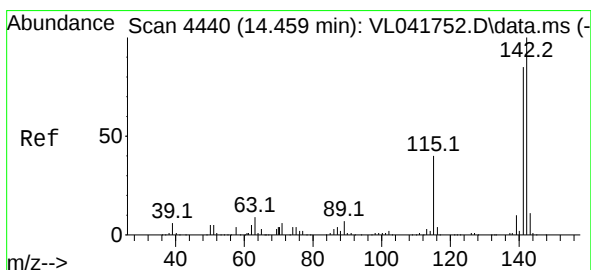
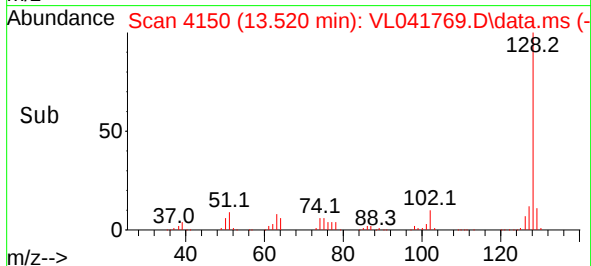
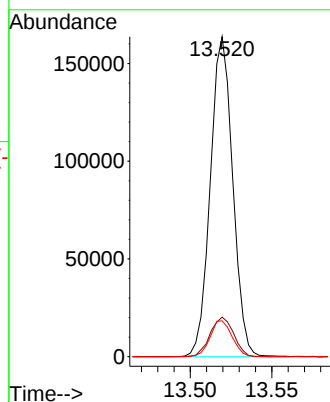
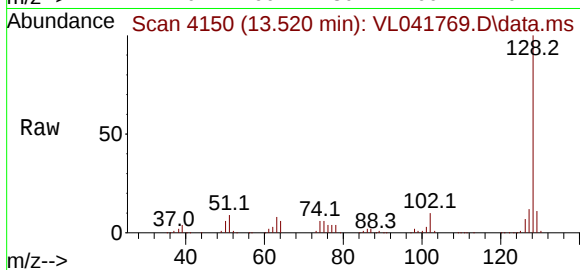
Tgt Ion:128 Resp: 156561

Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

129 11.2 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 13.753 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

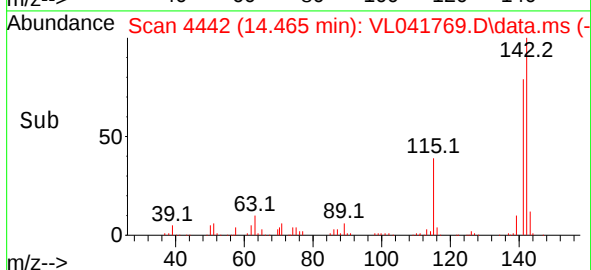
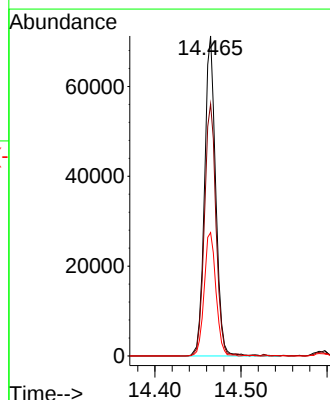
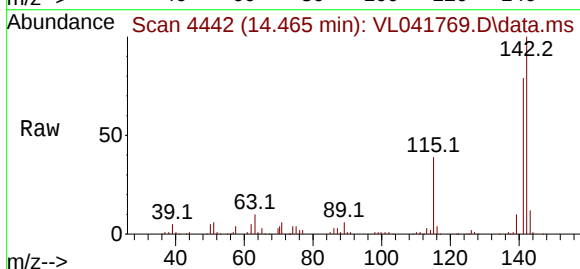
Tgt Ion:142 Resp: 64020

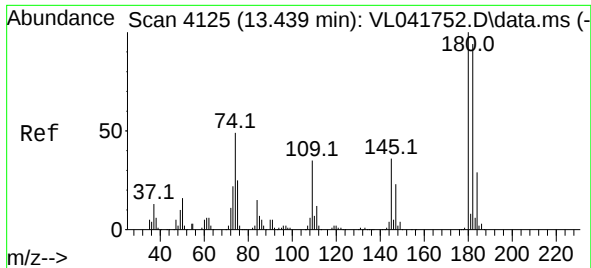
Ion Ratio Lower Upper

142 100

141 82.0 68.4 102.6

115 40.8 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 9.180 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

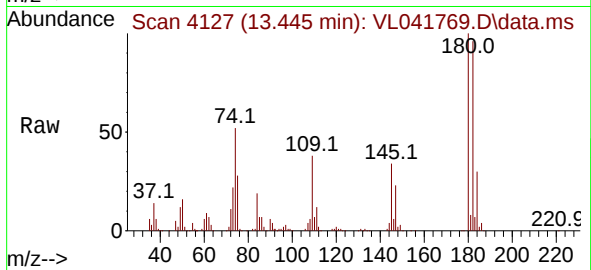
Lab File: VL041769.D

Acq: 17 Dec 2024 07:59

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 75494

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

184 30.0 23.8 35.8

