

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041776.D
 Acq On : 17 Dec 2024 13:41
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:02:33 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	57638	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	150237	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	127673	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	107174	10.073	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5068	0.494	ppbv	93
3) Chlorodifluoromethane	1.476	51	4257	0.453	ppbv	95
4) Chloromethane	1.535	50	2094	0.522	ppbv	96
5) Vinyl Chloride	1.580	62	1841	0.455	ppbv	90
6) Bromomethane	1.670	94	938	0.492	ppbv	95
7) Chloroethane	1.706	64	721	0.459	ppbv #	82
8) Dichlorotetrafluoroethane	1.557	85	4747	0.517	ppbv	98
9) Propene	1.486	41	1671	0.410	ppbv #	81
10) Heptane	4.991	43	2954	0.282	ppbv	90
11) Trichlorofluoromethane	1.881	101	5819	0.534	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	4086	0.493	ppbv	95
13) Ethanol	1.722	45	426	1.263	ppbv	90
14) Bromoethene	1.784	108	1207	0.431	ppbv #	72
15) Acetone	1.839	43	7258	0.647	ppbv	99
16) 1,3-Butadiene	1.612	39	2573	0.583	ppbv	86
17) tert-Butyl alcohol	2.046	59	5293	0.476	ppbv	94
18) 1,1-Dichloroethene	2.036	96	1551	0.447	ppbv	79
19) Isopropyl Alcohol	1.891	45	3912	0.581	ppbv #	37
20) Methylene Chloride	2.065	84	2022	0.632	ppbv #	88
21) Allyl Chloride	2.101	41	2566	0.422	ppbv	89
22) trans-1,2-Dichloroethene	2.340	96	1807	0.454	ppbv #	77
23) Vinyl Acetate	2.467	43	1511	0.290	ppbv #	84
24) 1,1-Dichloroethane	2.412	63	4108	0.510	ppbv #	93
25) Ethyl Acetate	2.842	43	7791	0.373	ppbv	98
26) Hexane	2.832	57	3027	0.382	ppbv	97
27) Carbon Disulfide	2.153	76	2205	0.309	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2913	0.454	ppbv	96
29) Chloroform	2.855	83	5756	0.477	ppbv	90
30) Cyclohexane	3.865	84	2370	0.352	ppbv	92
31) cis-1,2-Dichloroethene	2.726	61	3384	0.414	ppbv #	88
32) 1,1,1-Trichloroethane	3.373	97	4812	0.392	ppbv	95
34) 2-Butanone	2.564	43	5516	0.456	ppbv	100
35) Carbon Tetrachloride	3.376	117	333	0.031	ppbv	100
36) Benzene	3.664	78	6358	0.409	ppbv #	83
37) 1,2-Dichloroethane	3.227	62	4888	0.505	ppbv	99
38) Trichloroethene	4.551	130	1090	0.165	ppbv #	83
39) 1,2-Dichloropropane	4.321	63	2435	0.433	ppbv #	76
40) 1,4-Dioxane	4.616	88	584	0.213	ppbv #	1
41) Tetrahydrofuran	3.072	42	1871	0.276	ppbv #	80
42) Bromodichloromethane	4.496	83	2303	0.207	ppbv #	97
43) Methyl Methacrylate	4.891	69	1401	0.237	ppbv #	1
44) 2,2,4-Trimethylpentane	4.651	57	5596	0.211	ppbv #	53
45) t-1,3-Dichloropropene	6.448	75	106	0.017	ppbv	92

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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

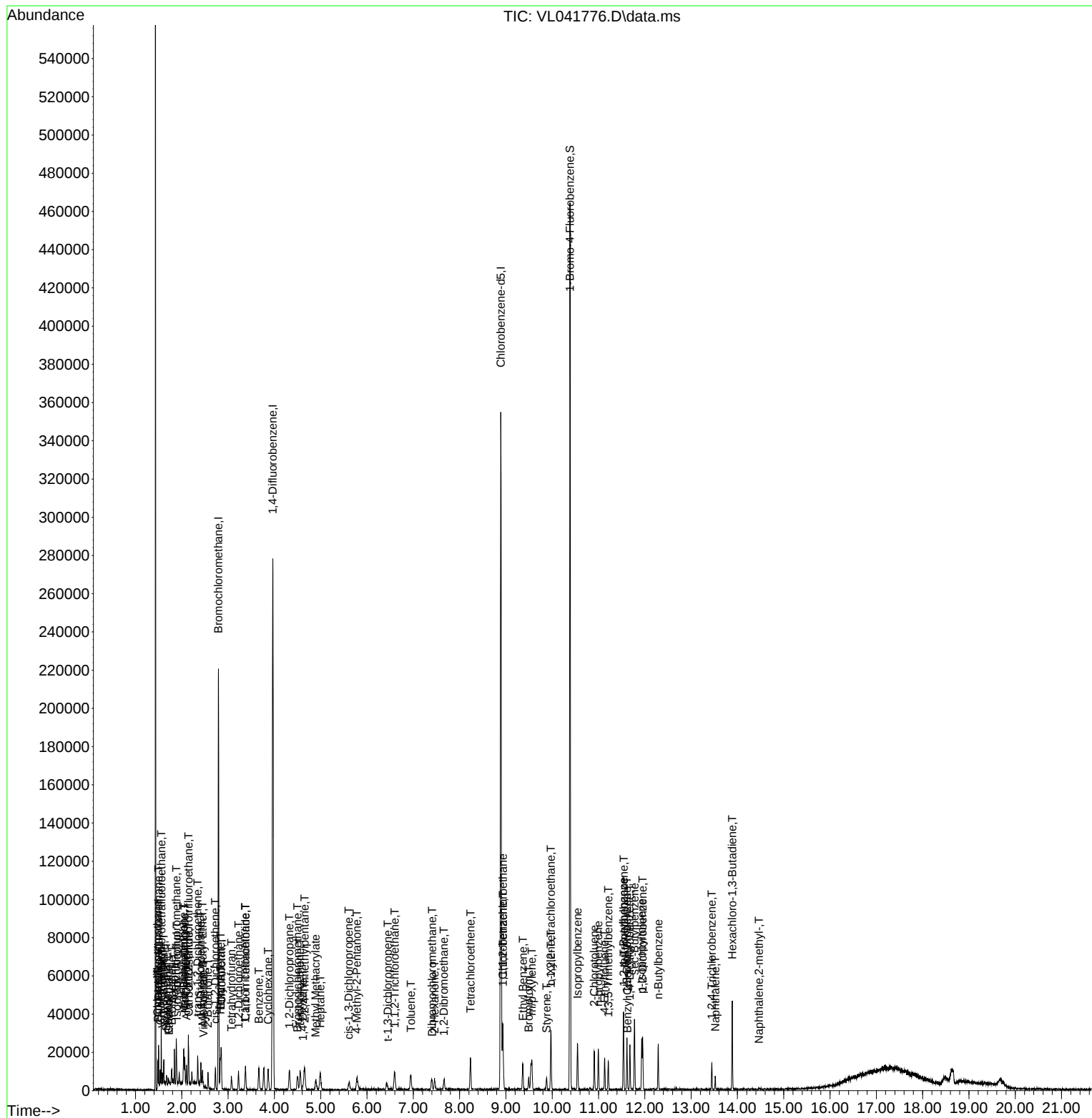
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	630	0.081	ppbv #	66
47) 1,1,2-Trichloroethane	6.597	97	2538	0.432	ppbv #	85
48) Dibromochloromethane	7.406	129	1196	0.149	ppbv #	11
49) Bromoform	9.493	173	2023	0.308	ppbv	96
50) 4-Methyl-2-Pentanone	5.781	43	2437	0.148	ppbv #	41
51) 2-Hexanone	7.458	43	3794	0.284	ppbv #	87
52) Tetrachloroethene	8.234	164	2260	0.391	ppbv #	80
53) Toluene	6.949	91	2144	0.122	ppbv #	21
54) 1,2-Dibromoethane	7.658	107	1547	0.191	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.937	131	2971	0.439	ppbv #	1
57) Chlorobenzene	8.933	112	6126	0.469	ppbv #	91
58) Ethyl Benzene	9.367	91	6938	0.302	ppbv	94
59) m/p-Xylene	9.558	91	5775	0.312	ppbv #	100
60) o-Xylene	9.972	91	5490	0.296	ppbv	95
61) Styrene	9.879	104	2169	0.271	ppbv	93
62) Isopropylbenzene	10.545	105	10008	0.359	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.969	83	5148	0.444	ppbv	99
64) n-propylbenzene	10.998	120	2280	0.324	ppbv	91
65) tert-Butylbenzene	11.539	119	7639	0.304	ppbv	96
66) Benzyl Chloride	11.626	91	248	0.112	ppbv #	17
67) sec-Butylbenzene	11.775	105	11161	0.321	ppbv	98
69) p-Isopropyltoluene	11.934	119	8062	0.281	ppbv	97
70) n-Butylbenzene	12.290	91	7570	0.273	ppbv	95
71) 2-Chlorotoluene	10.908	91	7154	0.337	ppbv	96
72) 4-Ethyltoluene	11.131	105	6424	0.294	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.212	105	5400	0.298	ppbv	86
74) 1,2,4-Trimethylbenzene	11.545	105	5628	0.288	ppbv	91
75) 1,3-Dichlorobenzene	11.613	146	5457	0.439	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	4483	0.365	ppbv	89
77) 1,2-Dichlorobenzene	11.953	146	5642	0.471	ppbv	95
78) Hexachloro-1,3-Butadiene	13.886	225	4021	0.453	ppbv	95
79) Naphthalene	13.520	128	2701	0.199	ppbv #	84
80) Naphthalene,2-methyl-	14.465	142	261	0.062	ppbv #	63
81) 1,2,4-Trichlorobenzene	13.445	180	2211	0.298	ppbv	86

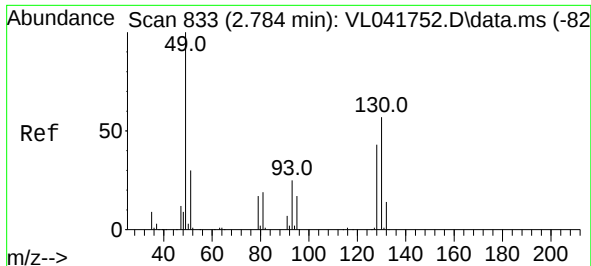
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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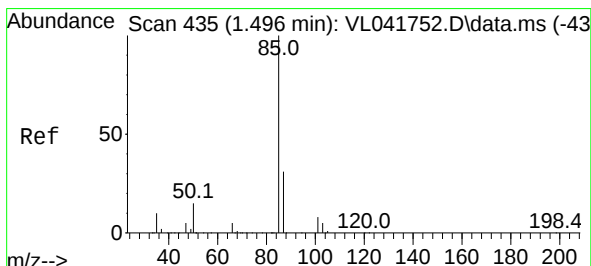
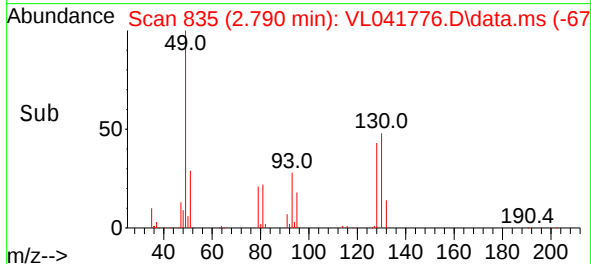
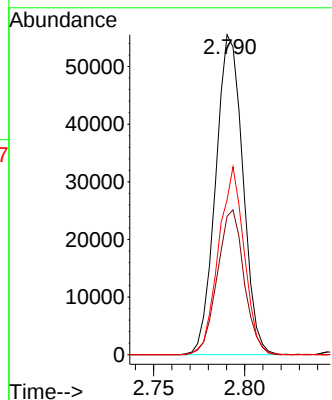
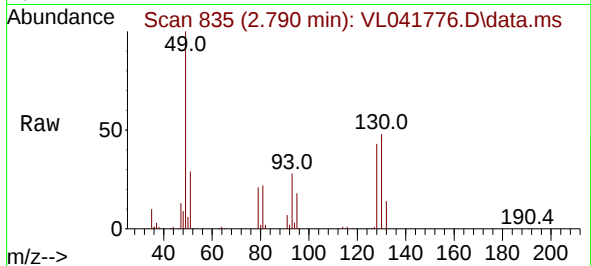




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

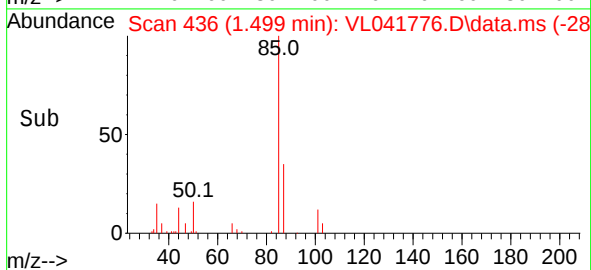
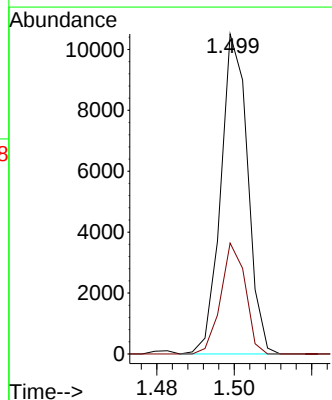
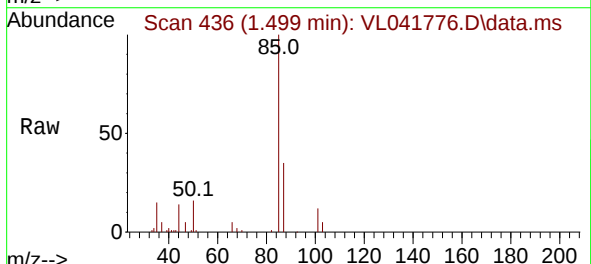
Instrument :
MSVOA_L
ClientSampleId :

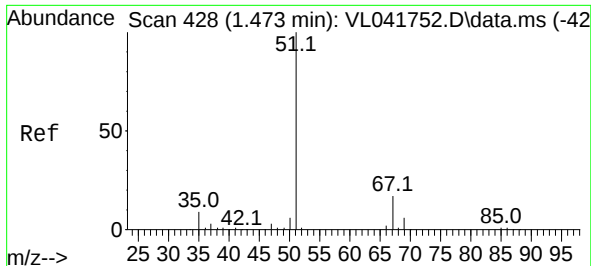
Tgt Ion: 49 Resp: 57638
Ion Ratio Lower Upper
49 100
128 44.5 21.6 64.6
130 55.2 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.494 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 85 Resp: 5068
Ion Ratio Lower Upper
85 100
87 34.6 24.5 36.7

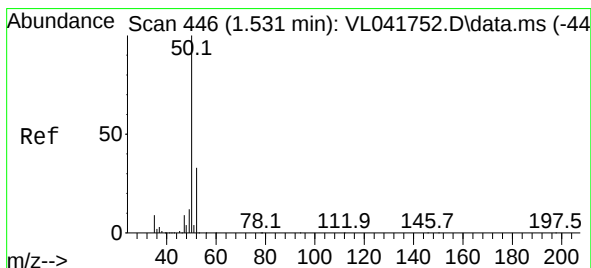
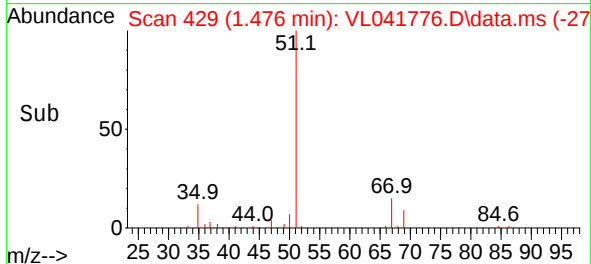
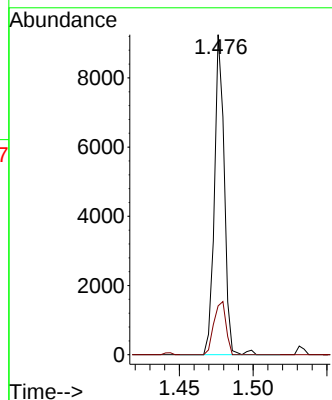
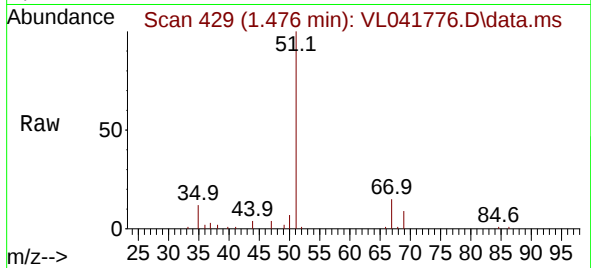




#3
Chlorodifluoromethane
Concen: 0.453 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

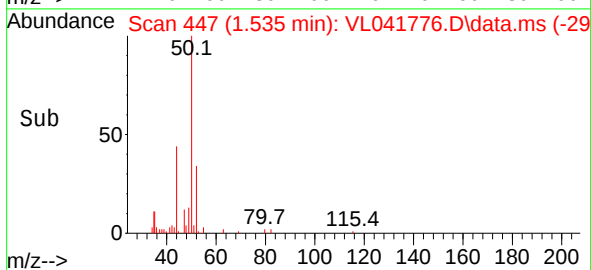
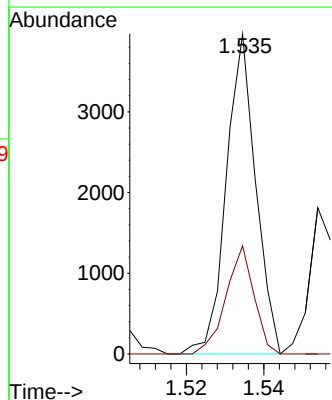
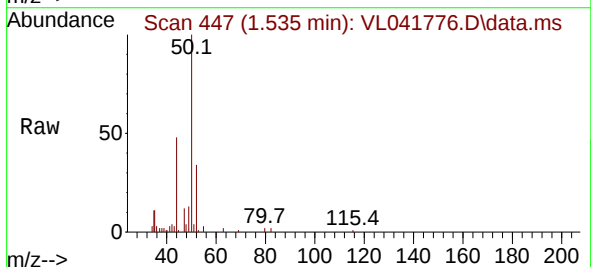
Instrument :
MSVOA_L
ClientSampleId :

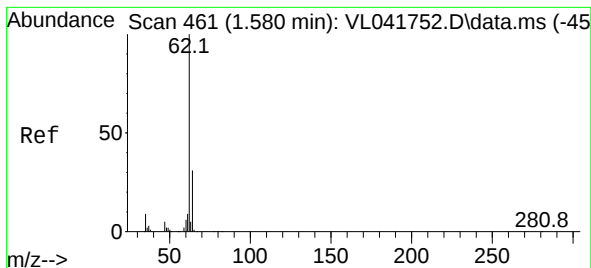
Tgt Ion: 51 Resp: 4257
Ion Ratio Lower Upper
51 100
67 20.9 15.0 22.4



#4
Chloromethane
Concen: 0.522 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 50 Resp: 2094
Ion Ratio Lower Upper
50 100
52 35.2 26.2 39.2





#5

Vinyl Chloride

Concen: 0.455 ppbv

RT: 1.580 min Scan# 4

Delta R.T. -0.000 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

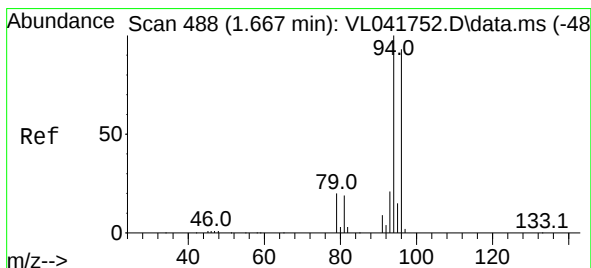
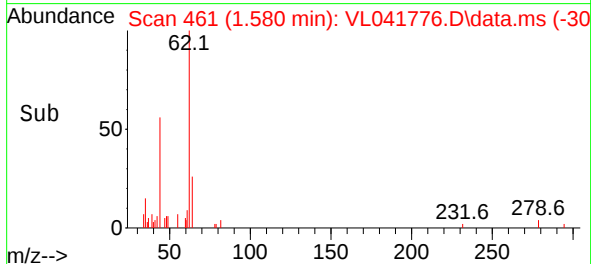
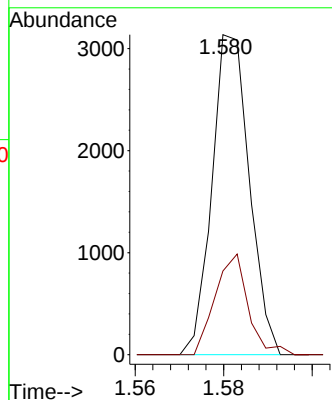
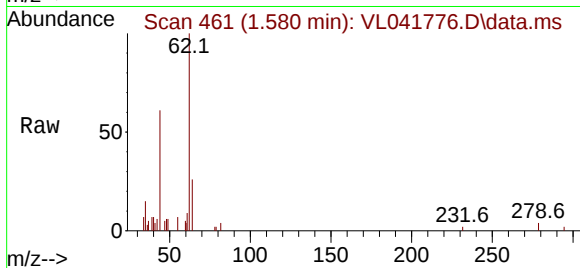
ClientSampleId :

Tgt Ion: 62 Resp: 1841

Ion Ratio Lower Upper

62 100

64 26.1 25.1 37.7



#6

Bromomethane

Concen: 0.492 ppbv

RT: 1.670 min Scan# 489

Delta R.T. 0.003 min

Lab File: VL041776.D

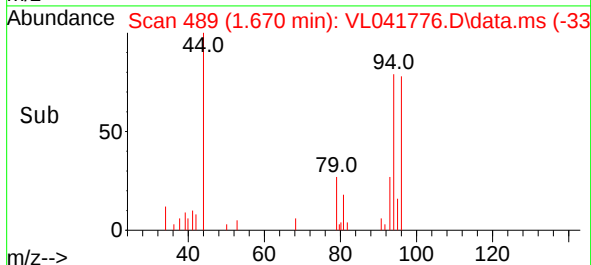
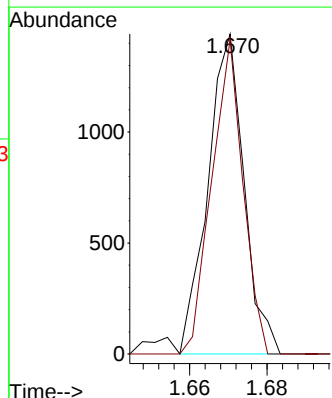
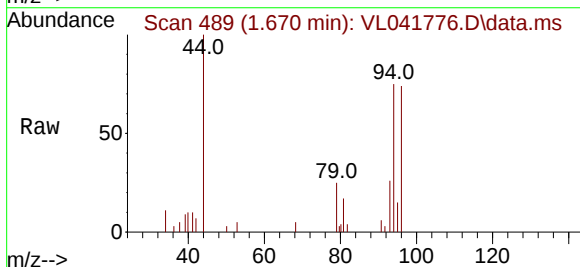
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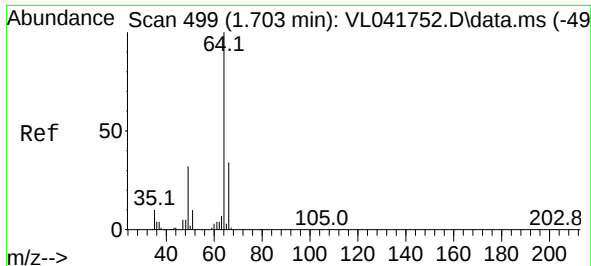
Tgt Ion: 94 Resp: 938

Ion Ratio Lower Upper

94 100

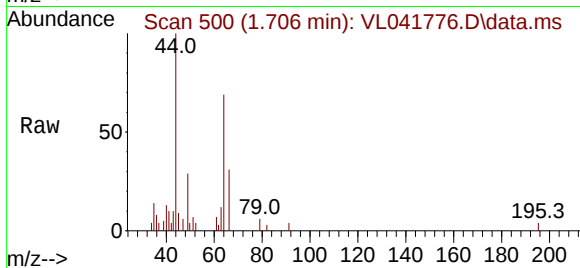
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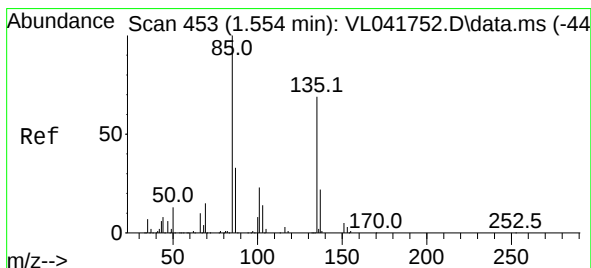
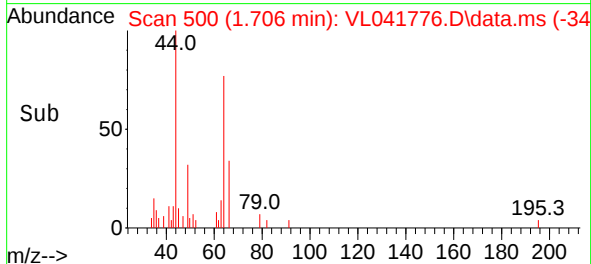
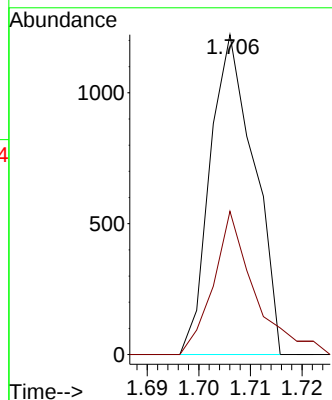


#7
Chloroethane
Concen: 0.459 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

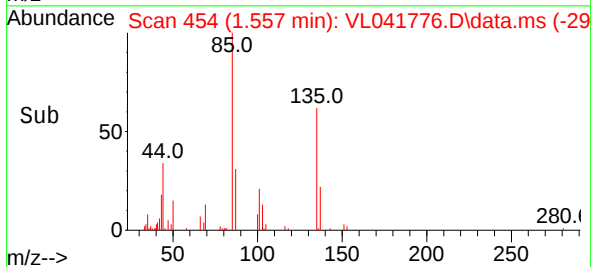
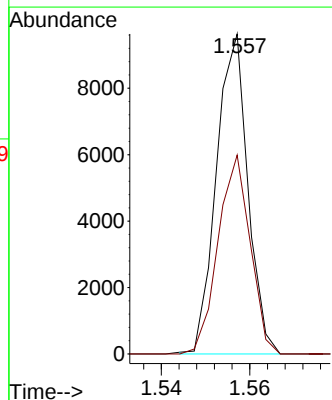
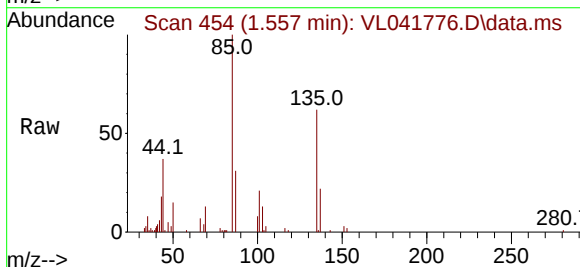


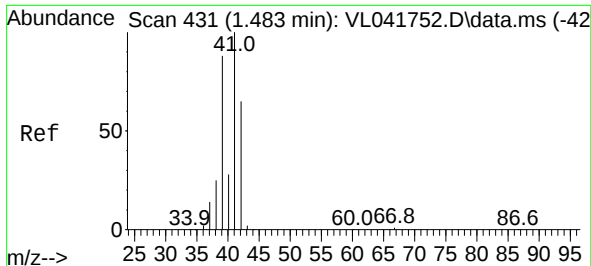
Tgt Ion: 64 Resp: 721
Ion Ratio Lower Upper
64 100
66 44.8 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.517 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 85 Resp: 4747
Ion Ratio Lower Upper
85 100
135 63.5 51.9 77.9





#9

Propene

Concen: 0.410 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

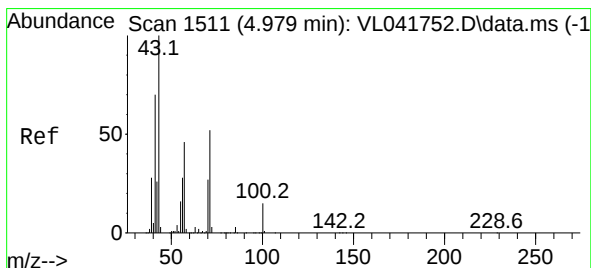
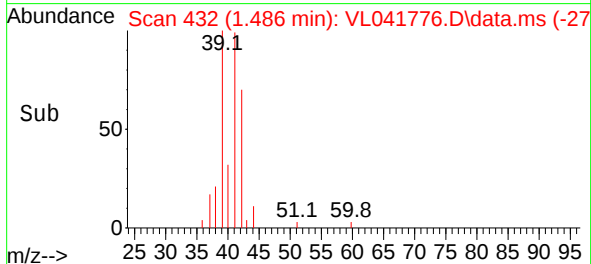
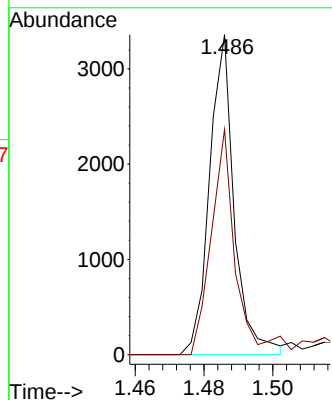
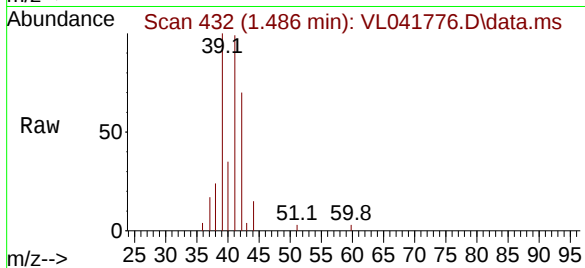
ClientSampleId :

Tgt Ion: 41 Resp: 1671

Ion Ratio Lower Upper

41 100

42 80.7 52.4 78.6#



#10

Heptane

Concen: 0.282 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL041776.D

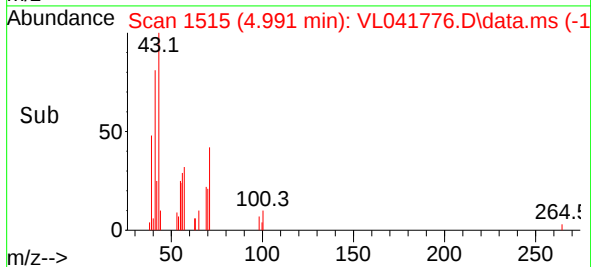
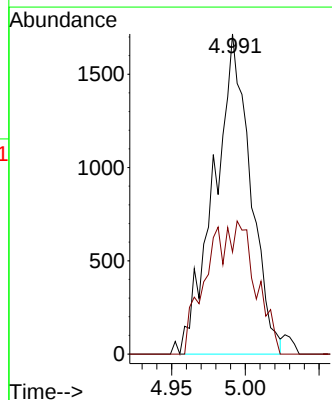
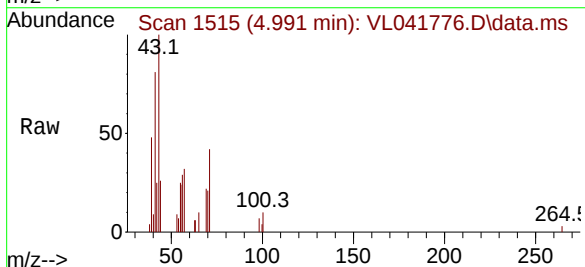
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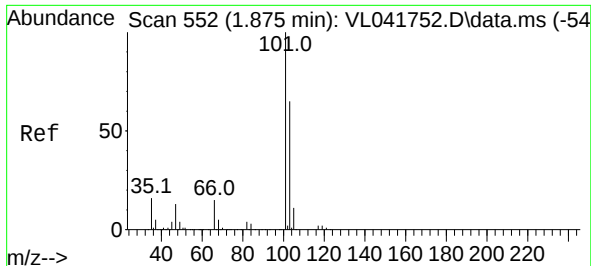
Tgt Ion: 43 Resp: 2954

Ion Ratio Lower Upper

43 100

57 54.7 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.534 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

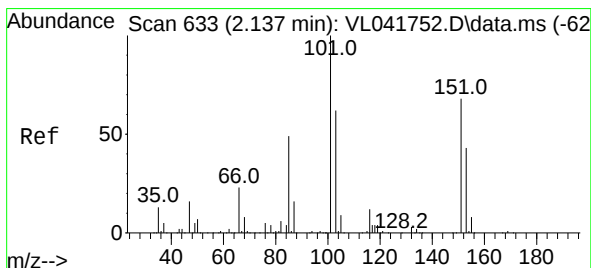
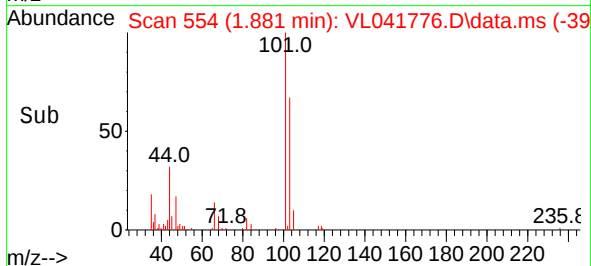
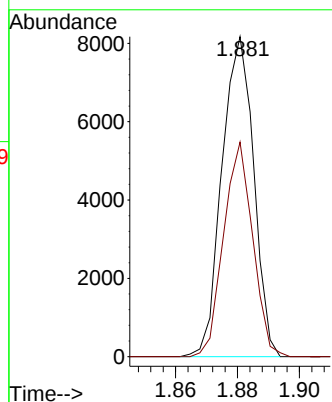
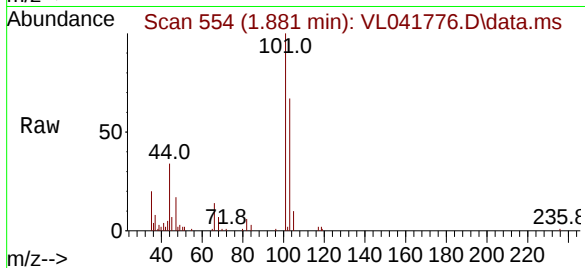
ClientSampleId :

Tgt Ion:101 Resp: 5819

Ion Ratio Lower Upper

101 100

103 67.1 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.493 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041776.D

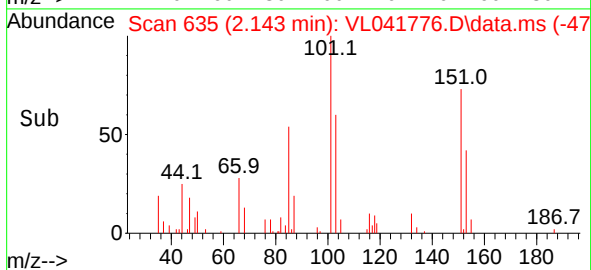
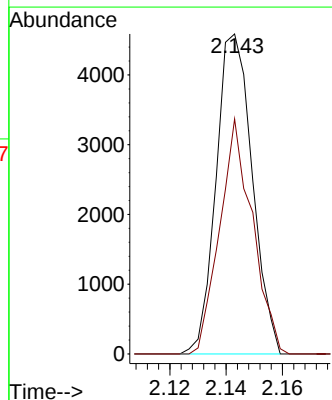
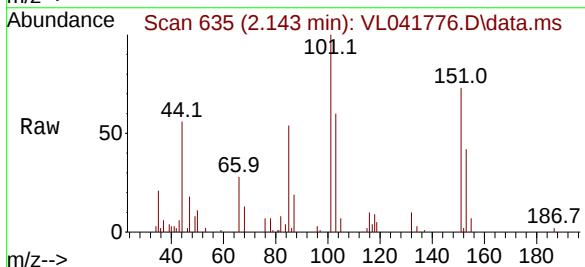
Acq: 17 Dec 2024 13:41

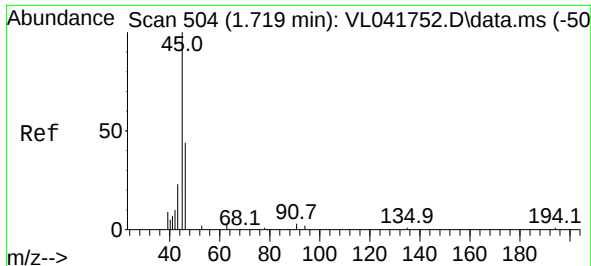
Tgt Ion:101 Resp: 4086

Ion Ratio Lower Upper

101 100

151 66.7 56.8 85.2





#13

Ethanol

Concen: 1.263 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

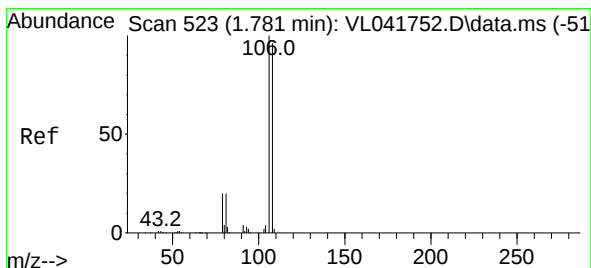
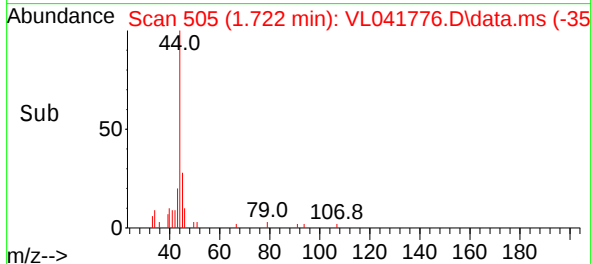
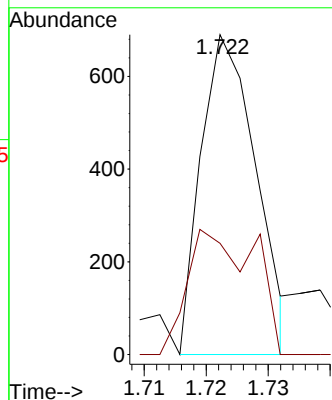
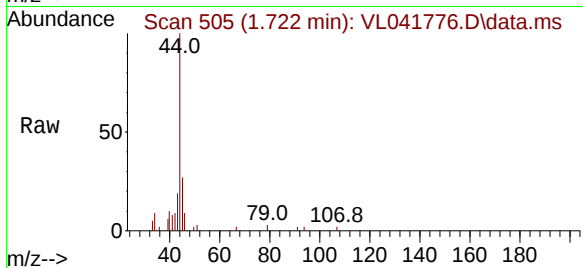
ClientSampleId :

Tgt Ion: 45 Resp: 426

Ion Ratio Lower Upper

45 100

46 47.4 16.4 65.8



#14

Bromoethene

Concen: 0.431 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

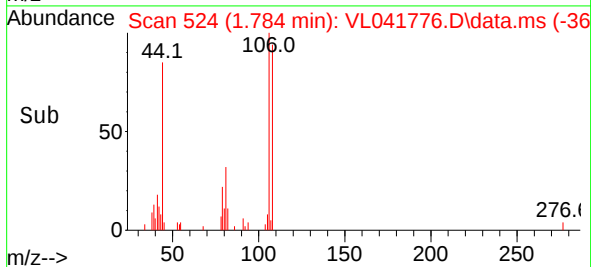
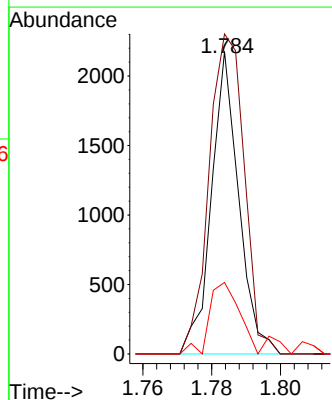
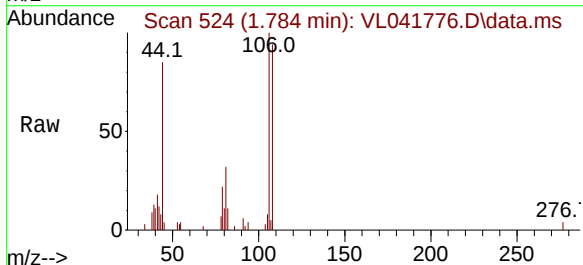
Tgt Ion: 108 Resp: 1207

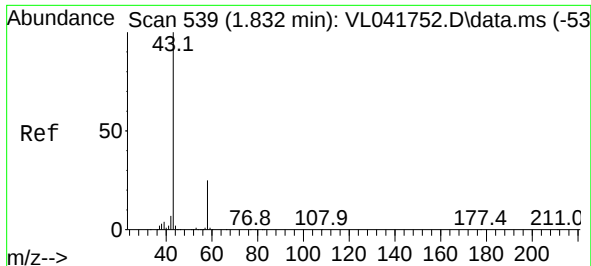
Ion Ratio Lower Upper

108 100

106 135.6 84.1 126.1#

79 31.7 17.4 26.0#





#15

Acetone

Concen: 0.647 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

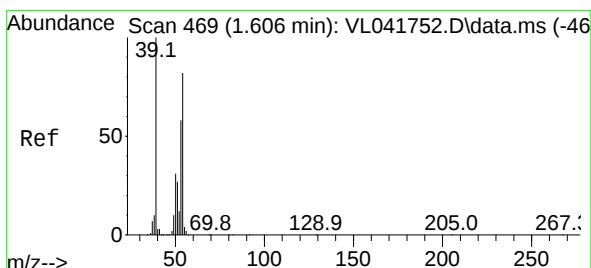
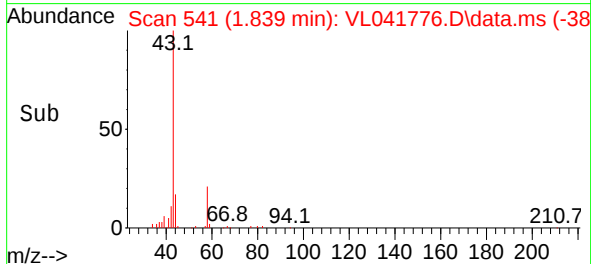
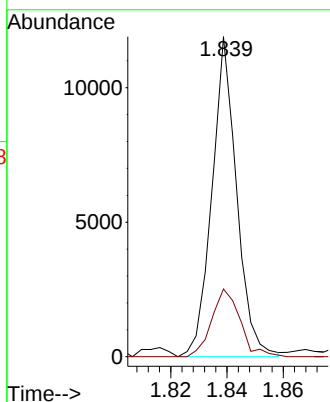
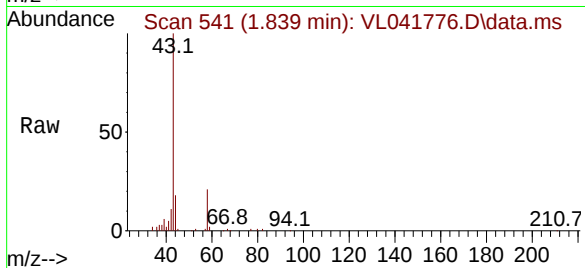
ClientSampleId :

Tgt Ion: 43 Resp: 7258

Ion Ratio Lower Upper

43 100

58 24.2 19.7 29.5



#16

1,3-Butadiene

Concen: 0.583 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.006 min

Lab File: VL041776.D

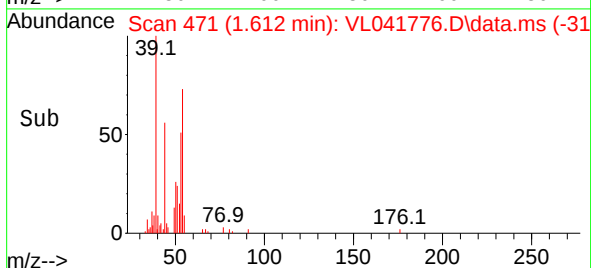
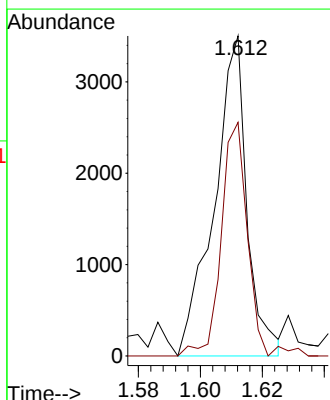
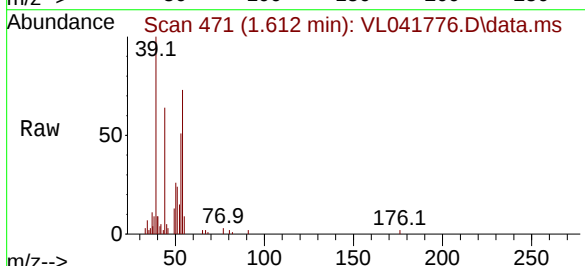
Acq: 17 Dec 2024 13:41

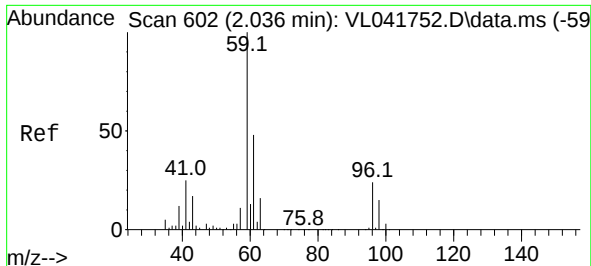
Tgt Ion: 39 Resp: 2573

Ion Ratio Lower Upper

39 100

54 61.0 58.4 87.6

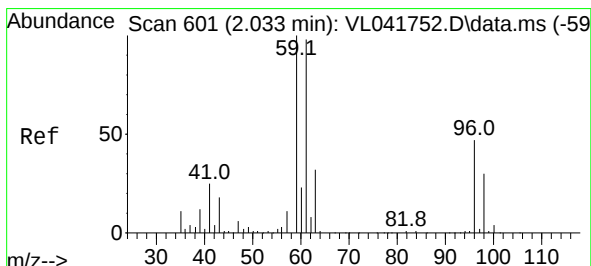
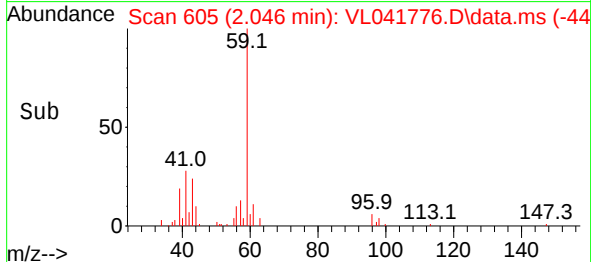
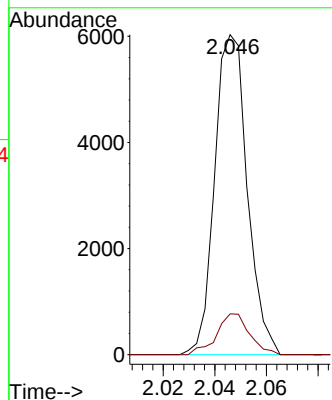
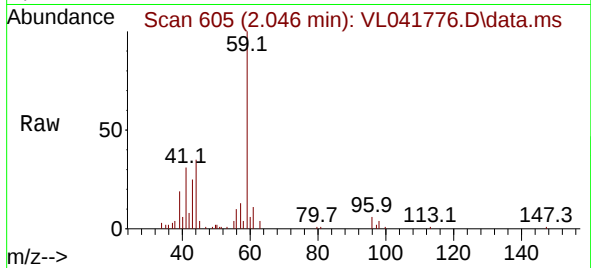




#17
tert-Butyl alcohol
Concen: 0.476 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

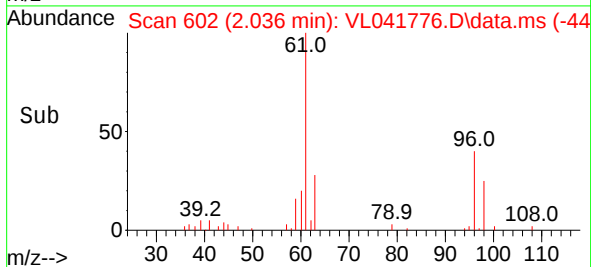
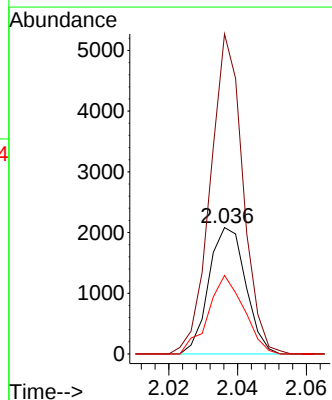
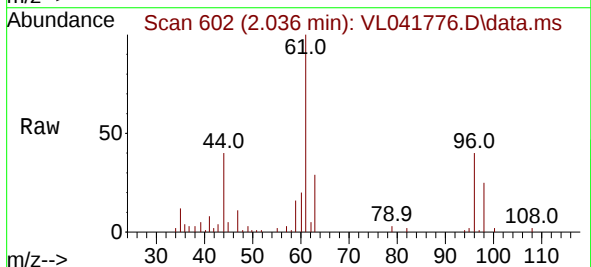
Instrument :
MSVOA_L
ClientSampleId :

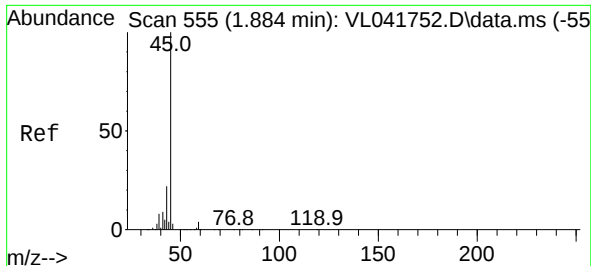
Tgt Ion: 59 Resp: 5293
Ion Ratio Lower Upper
59 100
57 12.9 8.6 13.0



#18
1,1-Dichloroethene
Concen: 0.447 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 96 Resp: 1551
Ion Ratio Lower Upper
96 100
61 250.5 167.7 251.5
98 62.1 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.581 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

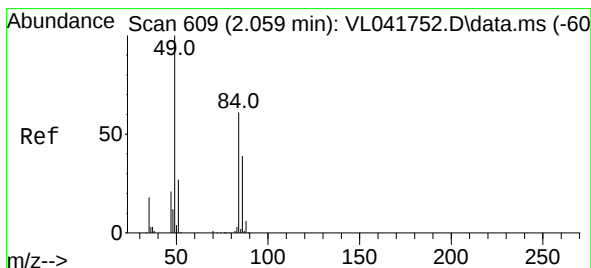
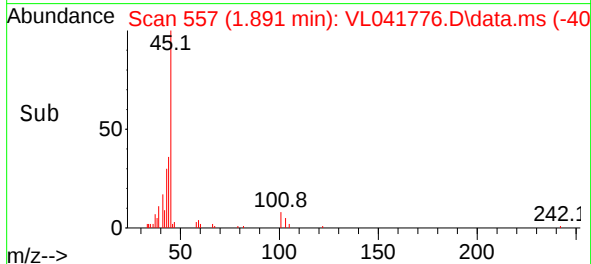
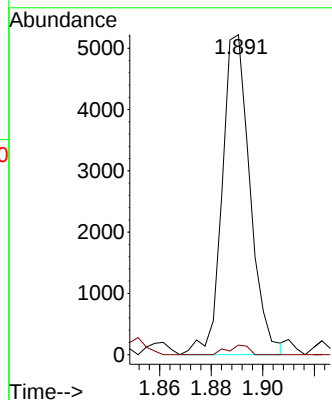
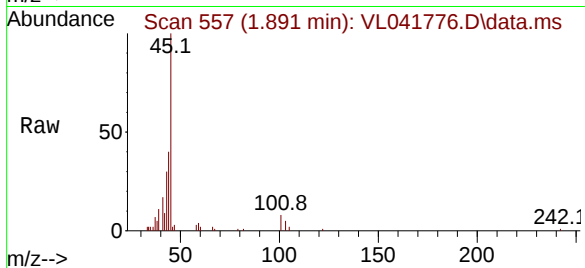
ClientSampleId :

Tgt Ion: 45 Resp: 3912

Ion Ratio Lower Upper

45 100

58 2.2 33.3 49.9#



#20

Methylene Chloride

Concen: 0.632 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 84 Resp: 2022

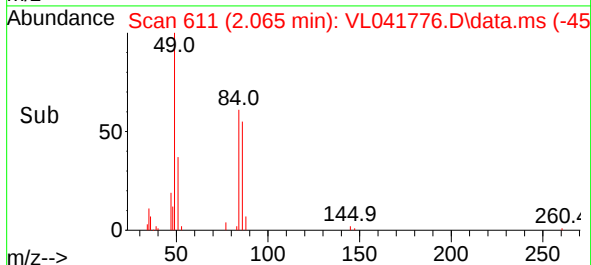
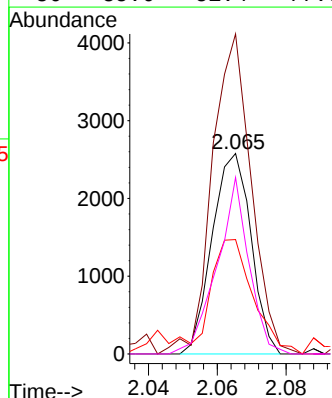
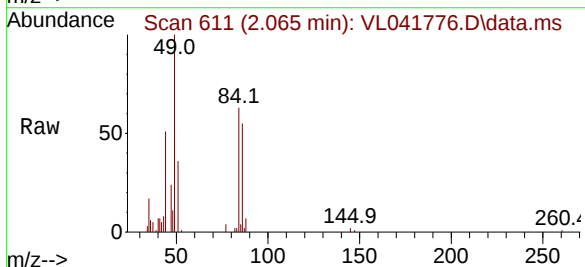
Ion Ratio Lower Upper

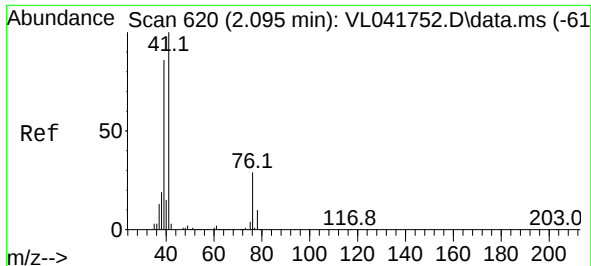
84 100

49 155.5 132.6 198.8

51 52.8 37.6 56.4

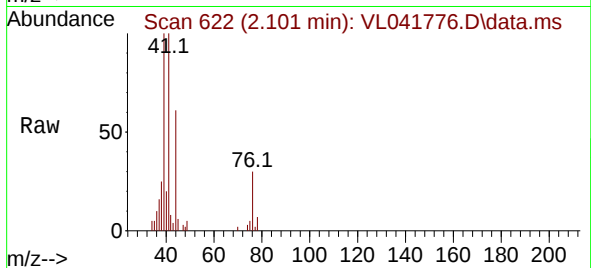
86 85.6 51.4 77.0#



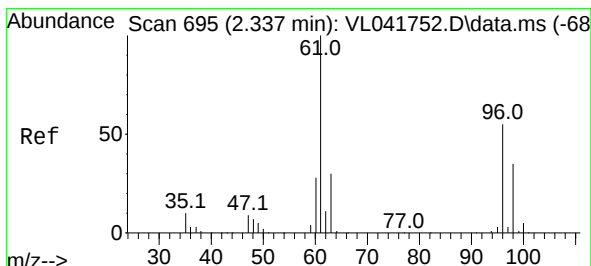
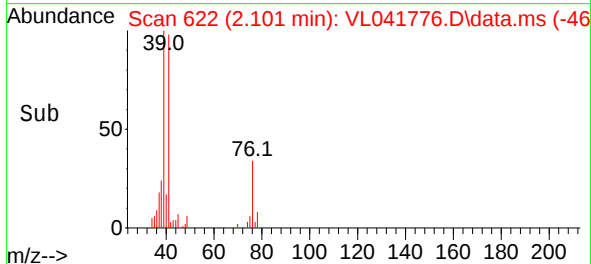
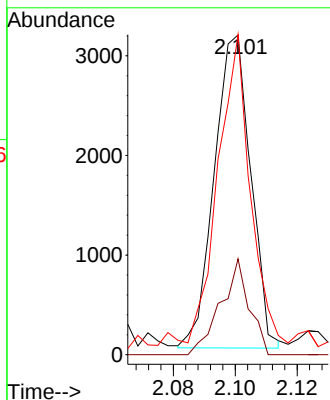


#21
 Allyl Chloride
 Concen: 0.422 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

Instrument :
 MSVOA_L
 ClientSampleId :

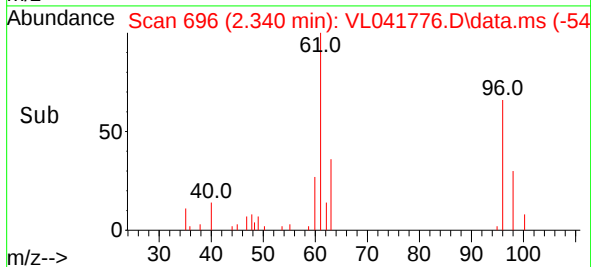
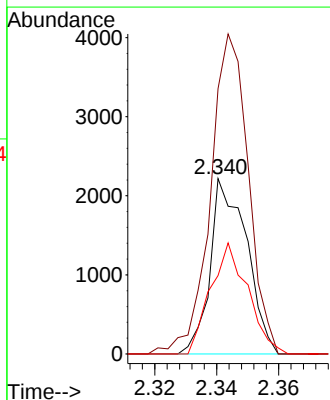
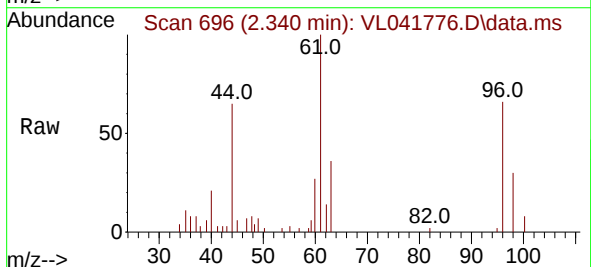


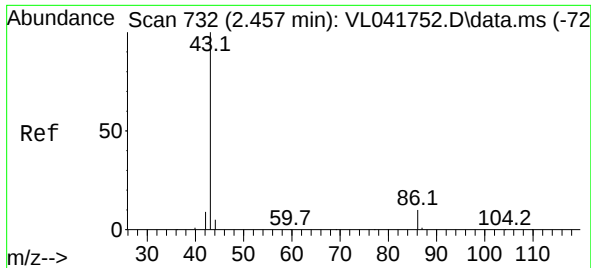
Tgt Ion: 41 Resp: 2566
 Ion Ratio Lower Upper
 41 100
 76 23.9 22.3 33.5
 39 98.2 69.2 103.8



#22
 trans-1,2-Dichloroethene
 Concen: 0.454 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

Tgt Ion: 96 Resp: 1807
 Ion Ratio Lower Upper
 96 100
 61 151.3 146.3 219.5
 98 44.7 50.8 76.2#

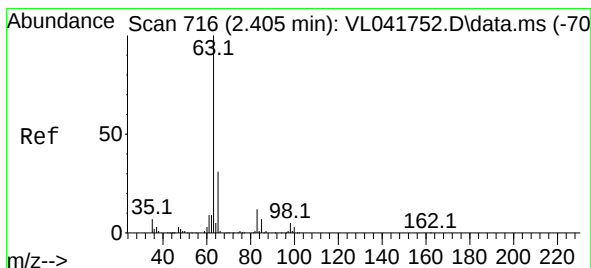
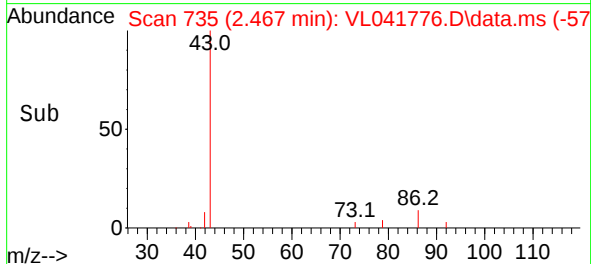
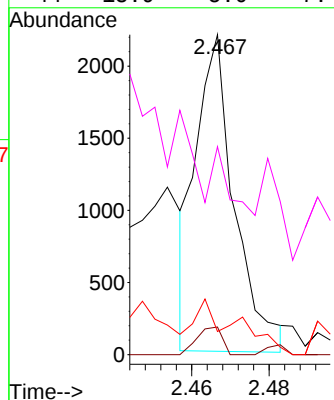
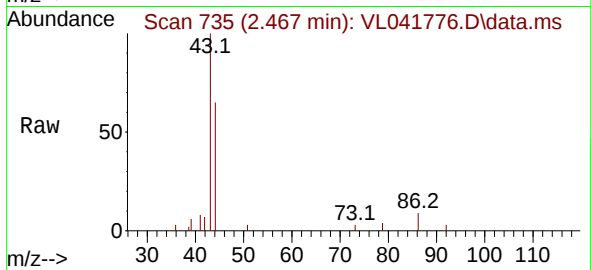




#23
 Vinyl Acetate
 Concen: 0.290 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.010 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

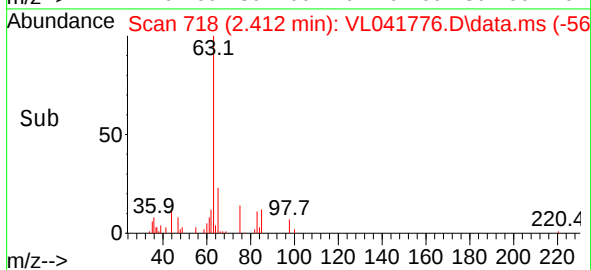
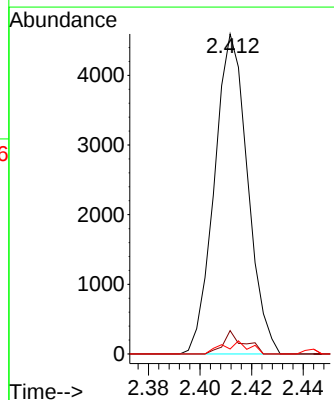
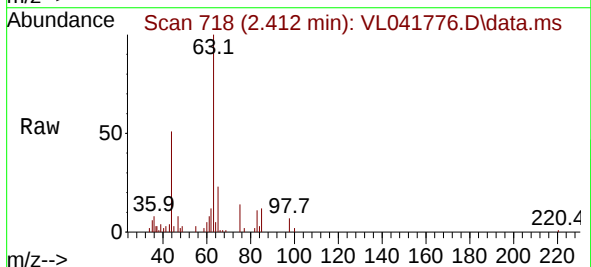
Instrument :
 MSVOA_1
 ClientSampleId :

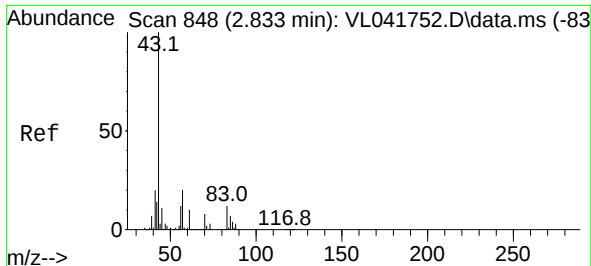
Tgt Ion:	43	Resp:	1511
Ion	Ratio	Lower	Upper
43	100		
86	9.5	6.6	10.0
42	5.4	8.2	12.2#
44	18.9	5.0	7.4#



#24
 1,1-Dichloroethane
 Concen: 0.510 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041776.D
 Acq: 17 Dec 2024 13:41

Tgt Ion:	63	Resp:	4108
Ion	Ratio	Lower	Upper
63	100		
98	7.3	2.3	6.8#
100	1.6	1.4	4.2





#25

Ethyl Acetate

Concen: 0.373 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 7791

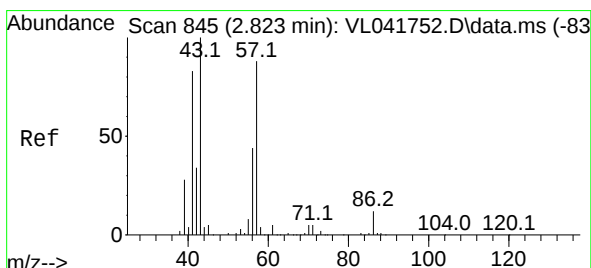
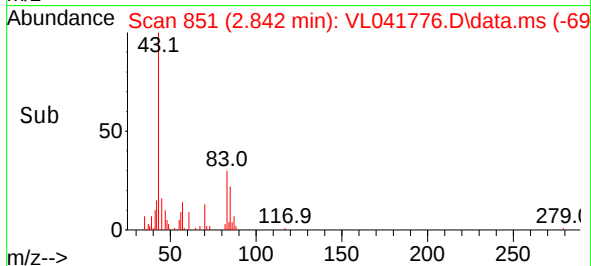
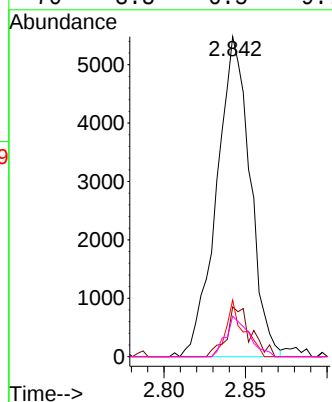
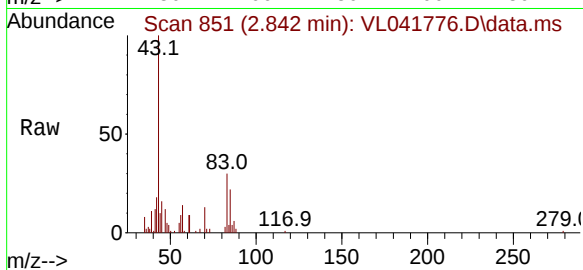
Ion Ratio Lower Upper

43 100

45 11.3 8.1 12.1

61 9.2 7.0 10.6

70 8.8 6.5 9.7



#26

Hexane

Concen: 0.382 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 57 Resp: 3027

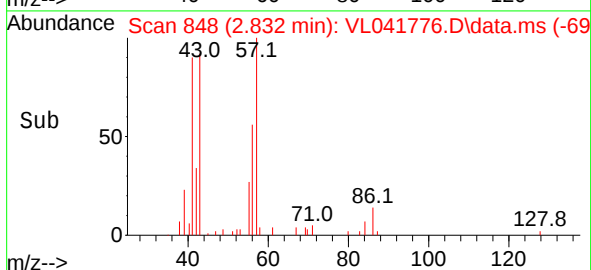
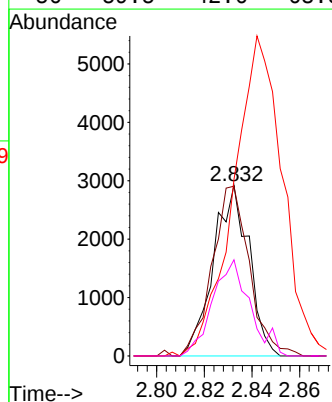
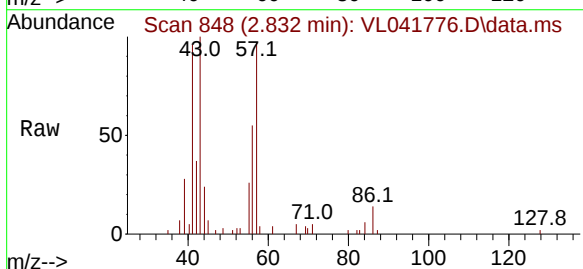
Ion Ratio Lower Upper

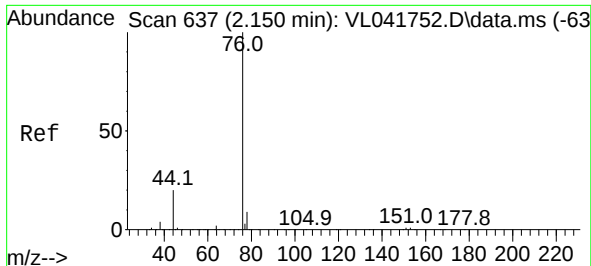
57 100

41 104.5 79.6 119.4

43 262.3 211.0 316.6

56 59.5 42.6 63.8





#27

Carbon Disulfide

Concen: 0.309 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041776.D

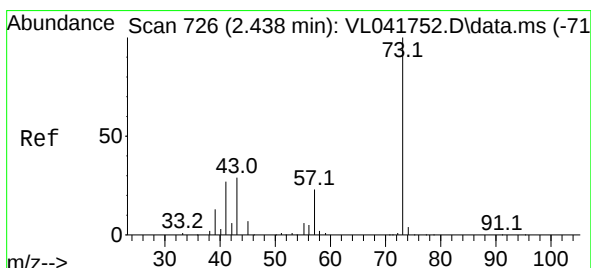
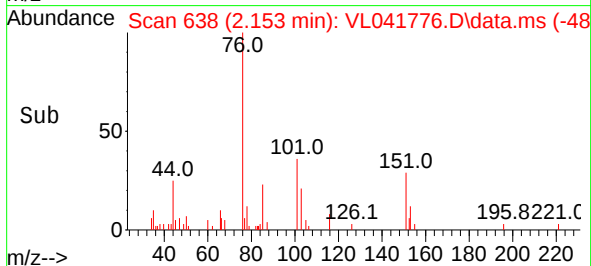
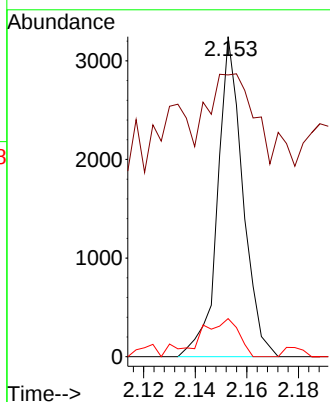
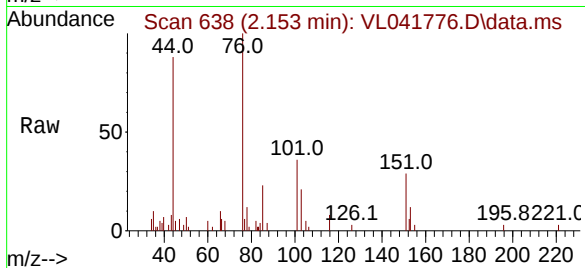
Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 2205
Ion Ratio	Lower Upper
76	100
44	295.3 17.6 26.4#
78	21.9 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.454 ppbv

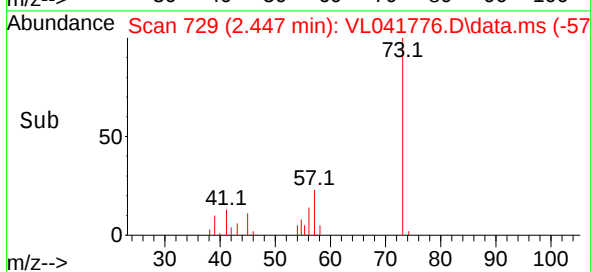
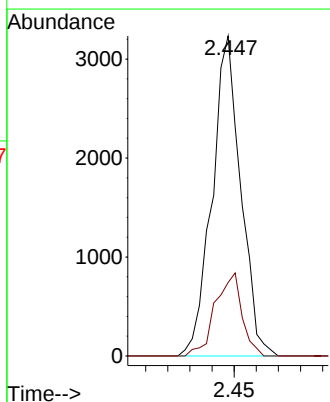
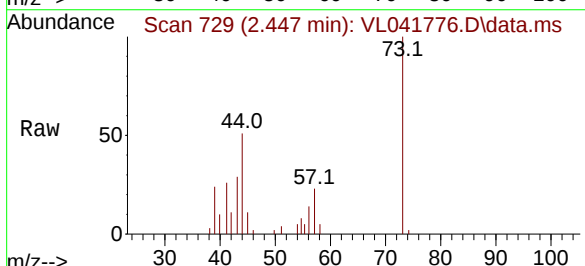
RT: 2.447 min Scan# 729

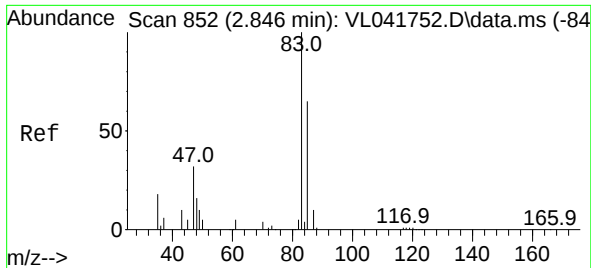
Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 73	Resp: 2913
Ion Ratio	Lower Upper
73	100
57	24.1 17.6 26.4





#29

Chloroform

Concen: 0.477 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

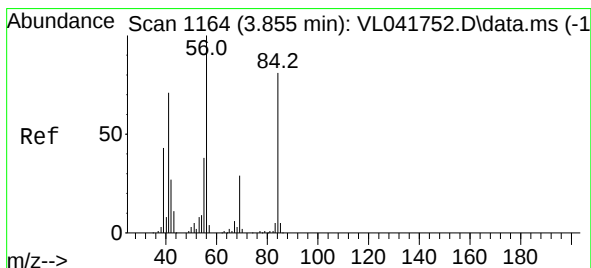
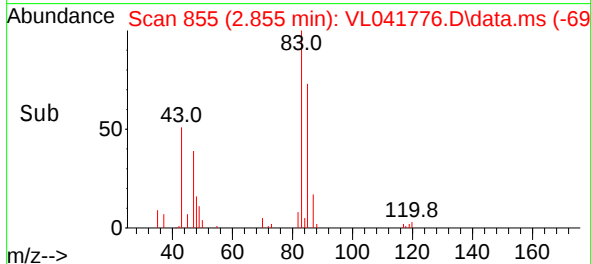
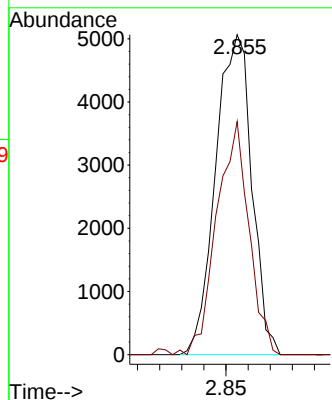
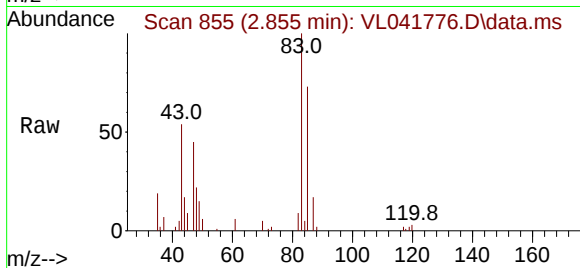
ClientSampleId :

Tgt Ion: 83 Resp: 5756

Ion Ratio Lower Upper

83 100

85 72.9 51.8 77.6



#30

Cyclohexane

Concen: 0.352 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

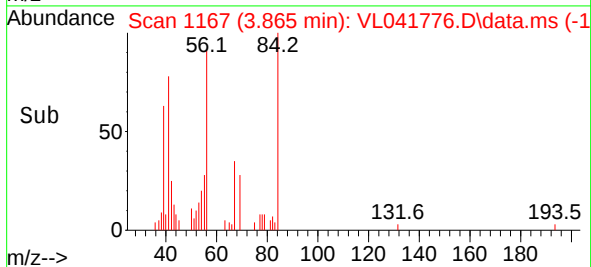
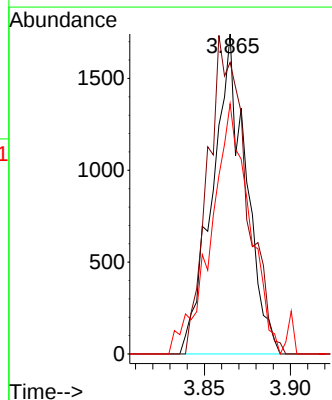
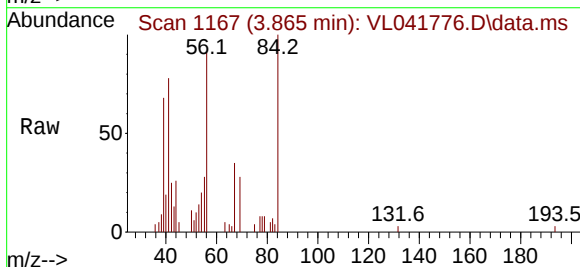
Tgt Ion: 84 Resp: 2370

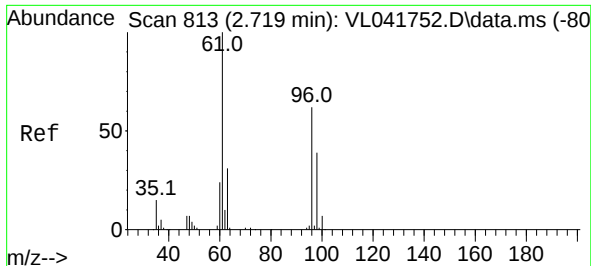
Ion Ratio Lower Upper

84 100

56 113.0 102.3 153.5

41 91.8 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 0.414 ppbv

RT: 2.726 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

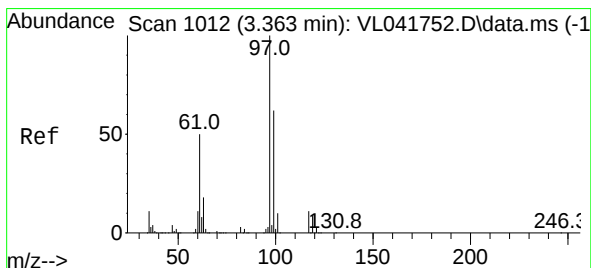
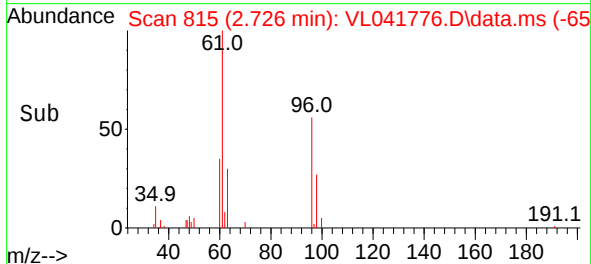
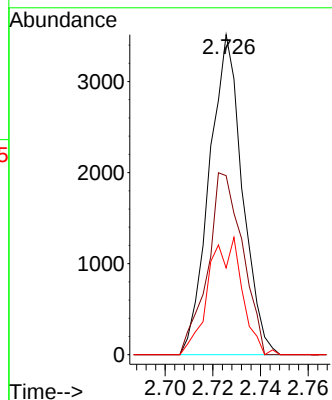
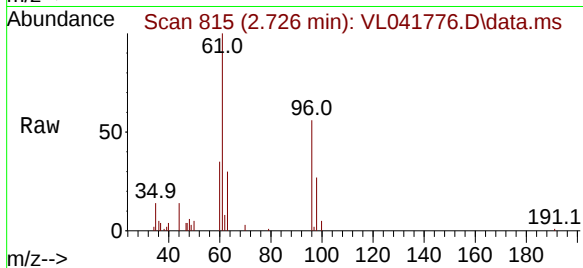
Tgt Ion: 61 Resp: 3384

Ion Ratio Lower Upper

61 100

96 56.0 49.7 74.5

98 27.1 30.8 46.2#



#32

1,1,1-Trichloroethane

Concen: 0.392 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

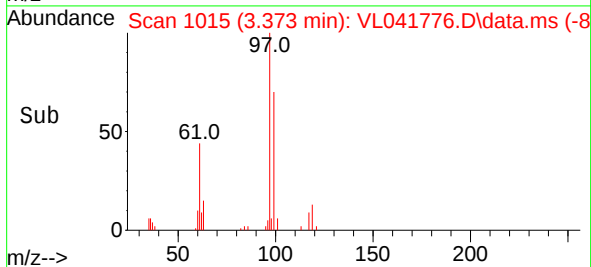
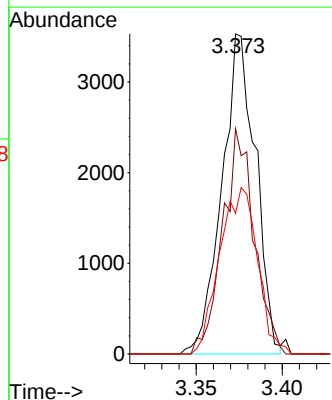
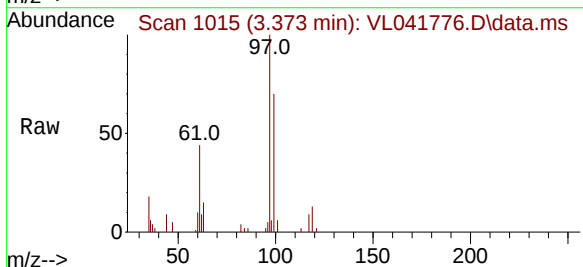
Tgt Ion: 97 Resp: 4812

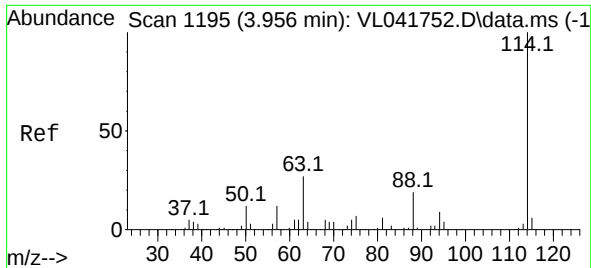
Ion Ratio Lower Upper

97 100

99 65.7 51.0 76.4

61 58.4 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

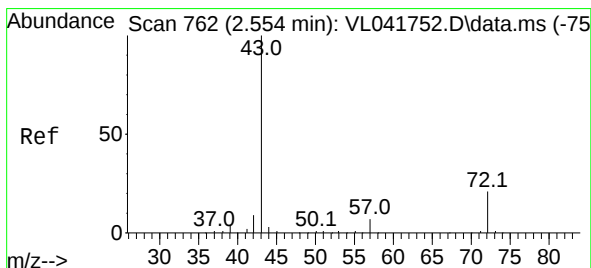
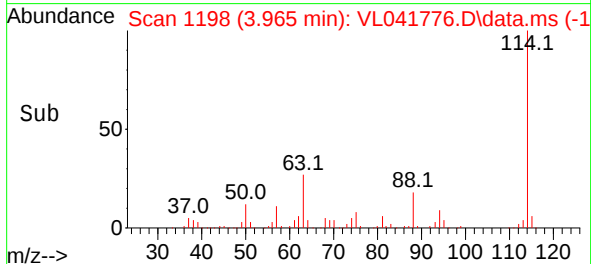
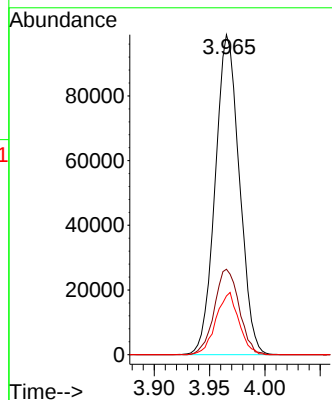
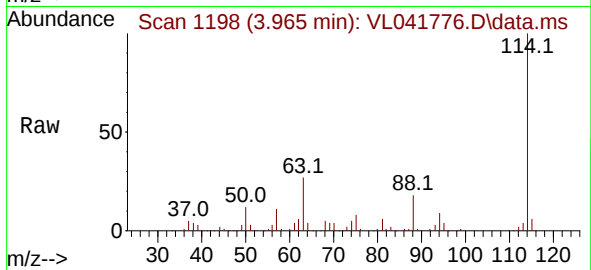
Tgt Ion:114 Resp: 150237

Ion Ratio Lower Upper

114 100

63 27.5 21.8 32.8

88 18.5 14.8 22.2



#34

2-Butanone

Concen: 0.456 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.010 min

Lab File: VL041776.D

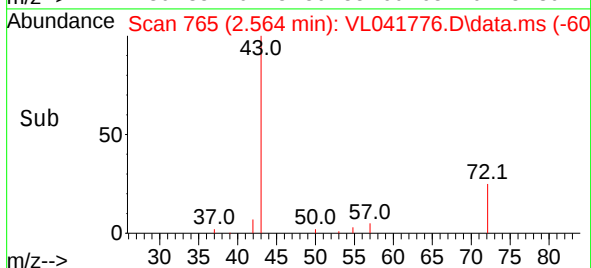
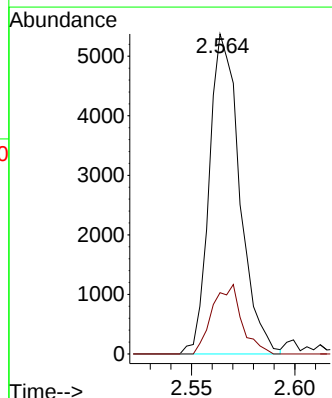
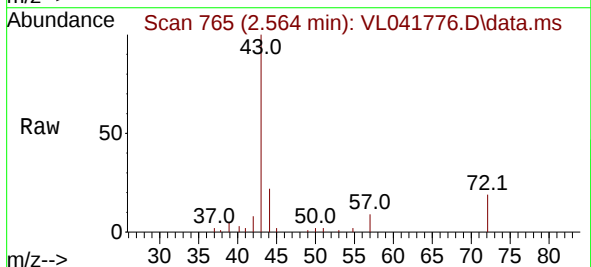
Acq: 17 Dec 2024 13:41

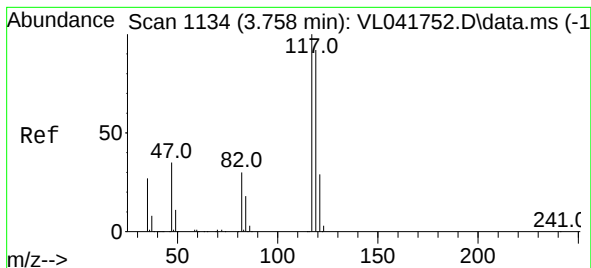
Tgt Ion: 43 Resp: 5516

Ion Ratio Lower Upper

43 100

72 20.9 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.031 ppbv

RT: 3.376 min Scan# 1105

Delta R.T. -0.382 min

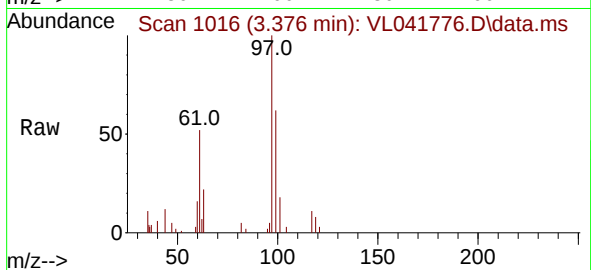
Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :



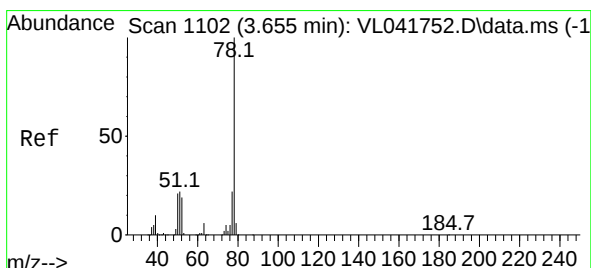
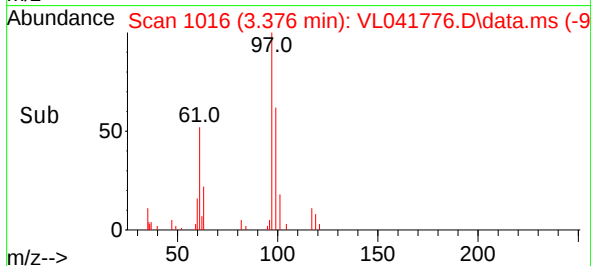
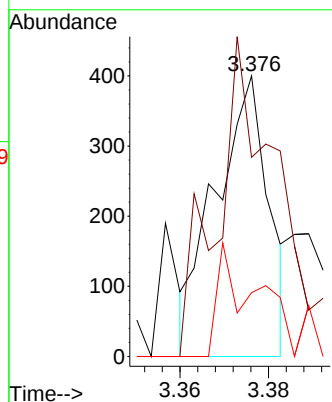
Tgt Ion:117 Resp: 333

Ion Ratio Lower Upper

117 100

119 92.2 73.7 110.5

121 29.5 23.0 34.4



#36

Benzene

Concen: 0.409 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

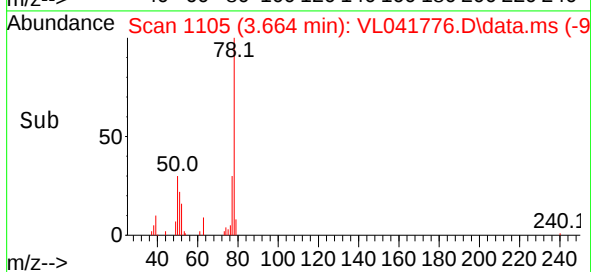
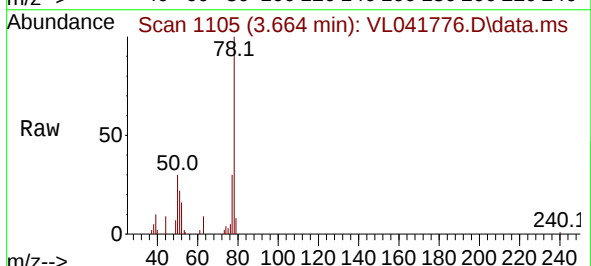
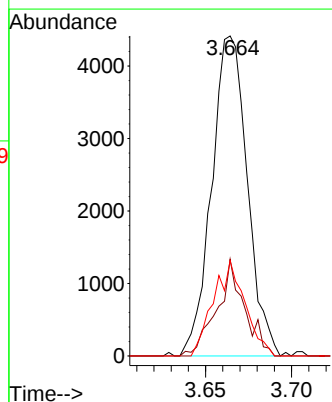
Tgt Ion: 78 Resp: 6358

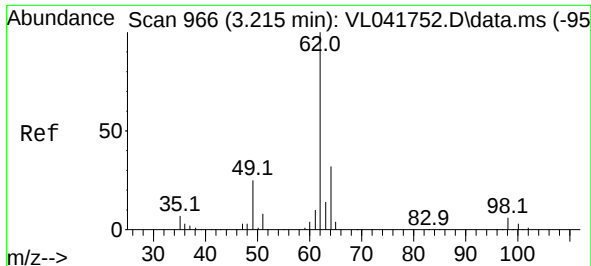
Ion Ratio Lower Upper

78 100

77 30.2 17.8 26.6#

50 29.8 17.2 25.8#





#37

1,2-Dichloroethane

Concen: 0.505 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

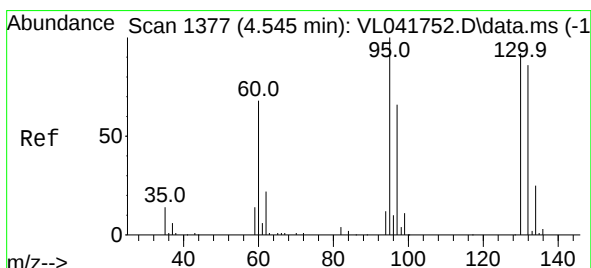
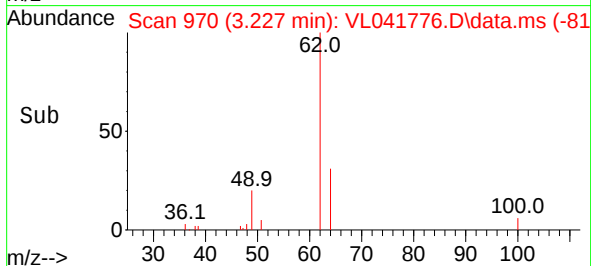
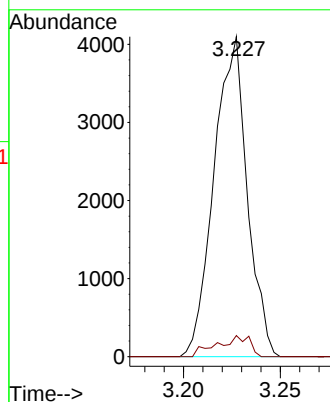
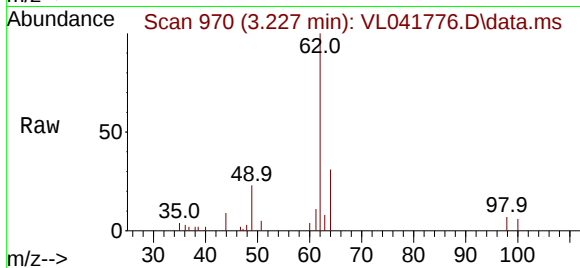
ClientSampleId :

Tgt Ion: 62 Resp: 4888

Ion Ratio Lower Upper

62 100

98 6.4 4.7 7.1



#38

Trichloroethene

Concen: 0.165 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion:130 Resp: 1090

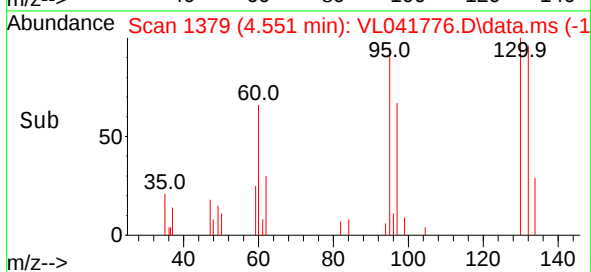
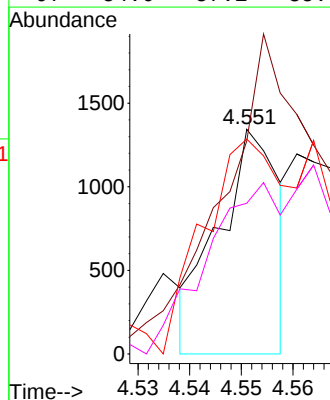
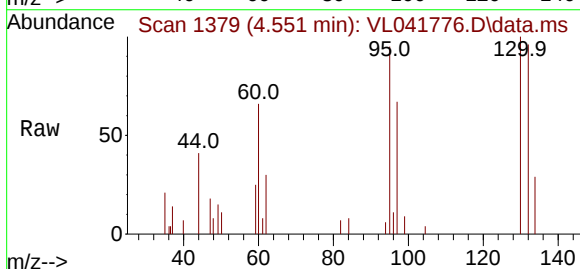
Ion Ratio Lower Upper

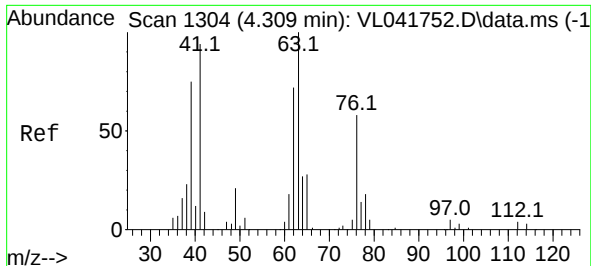
130 100

95 83.2 87.0 130.6#

132 87.6 75.0 112.6

97 54.0 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 0.433 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

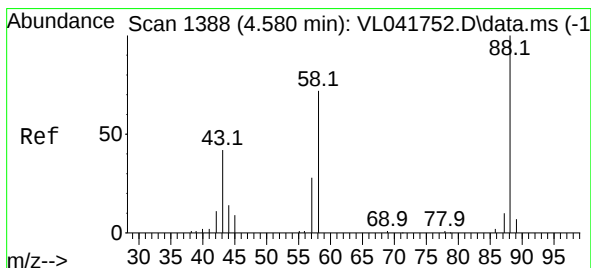
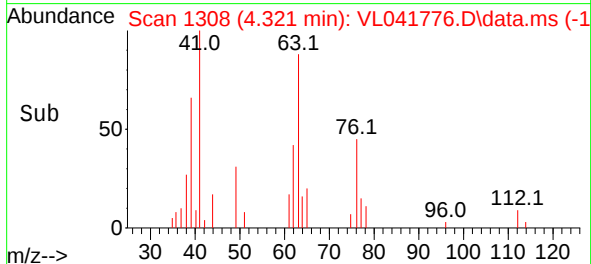
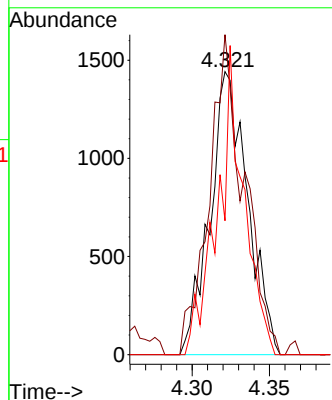
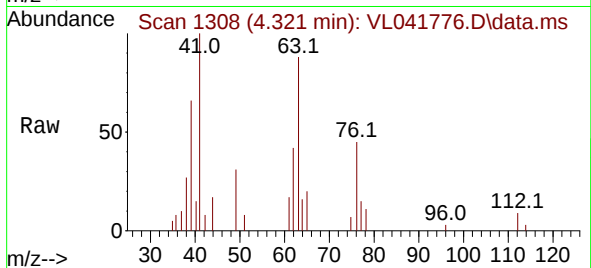
Tgt Ion: 63 Resp: 2435

Ion Ratio Lower Upper

63 100

41 113.0 75.3 112.9#

62 47.3 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.213 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.035 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 88 Resp: 584

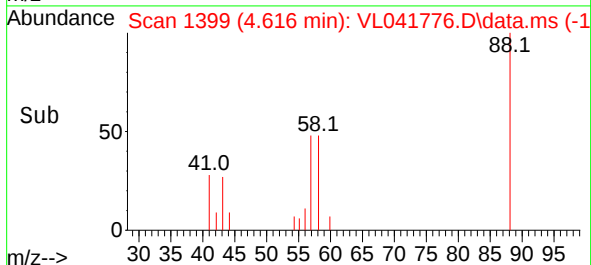
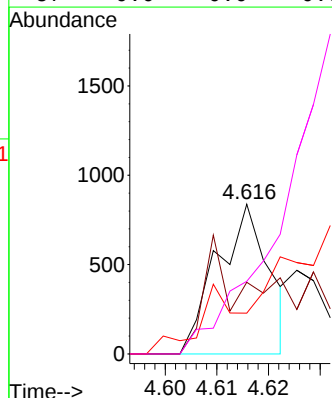
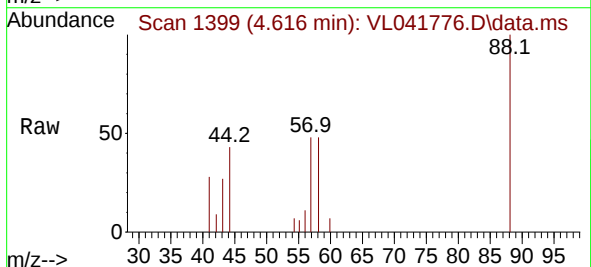
Ion Ratio Lower Upper

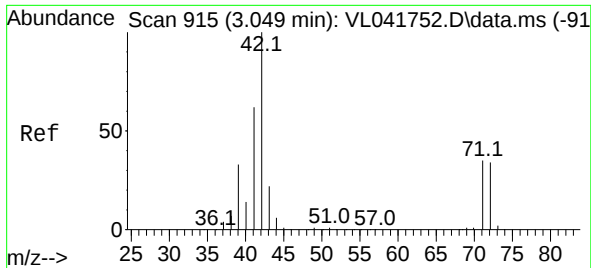
88 100

58 218.7 61.0 91.6#

43 0.0 29.4 44.0#

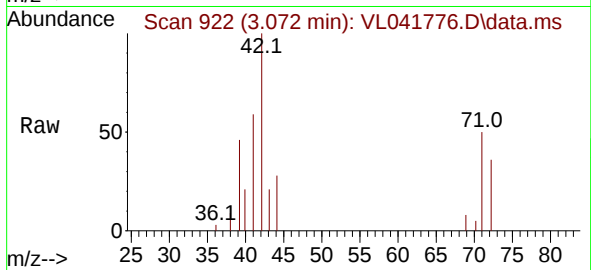
57 0.0 0.0 0.0



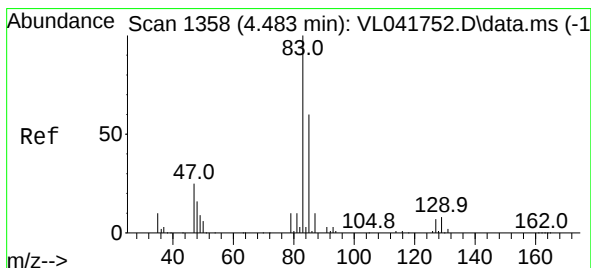
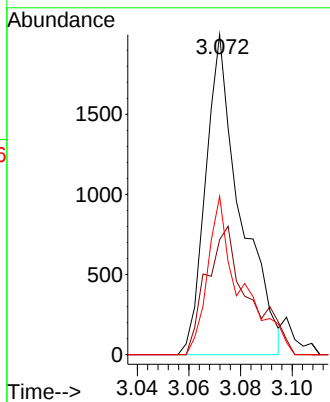
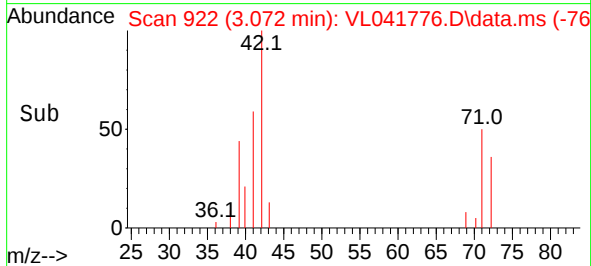


#41
Tetrahydrofuran
Concen: 0.276 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.022 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Instrument :
MSVOA_L
ClientSampleId :

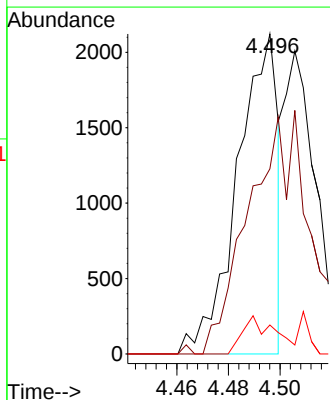
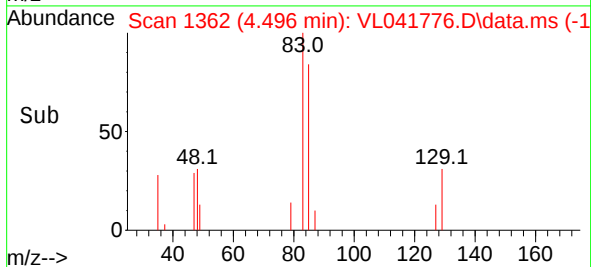
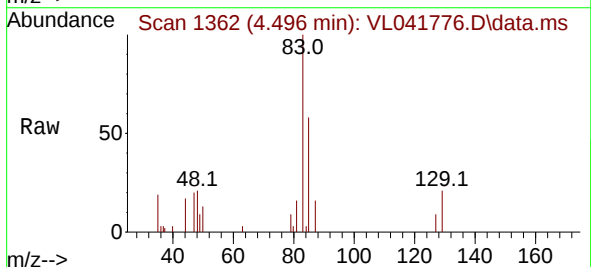


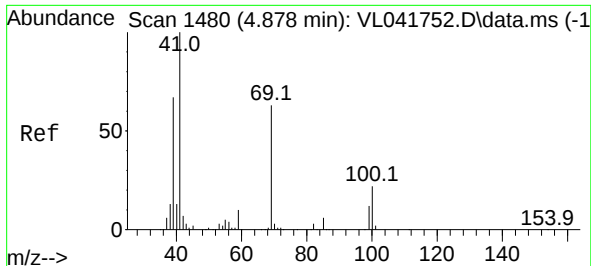
Tgt Ion: 42 Resp: 1871
Ion Ratio Lower Upper
42 100
72 48.5 29.1 43.7#
71 47.5 28.4 42.6#



#42
Bromodichloromethane
Concen: 0.207 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 83 Resp: 2303
Ion Ratio Lower Upper
83 100
85 57.8 48.0 72.0
127 9.0 5.8 8.8#





#43

Methyl Methacrylate

Concen: 0.237 ppbv

RT: 4.891 min Scan# 1480

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

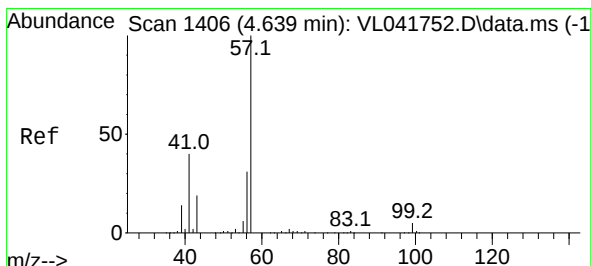
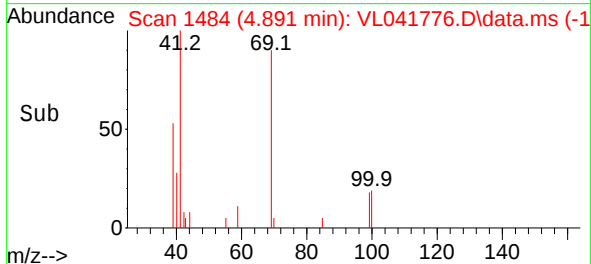
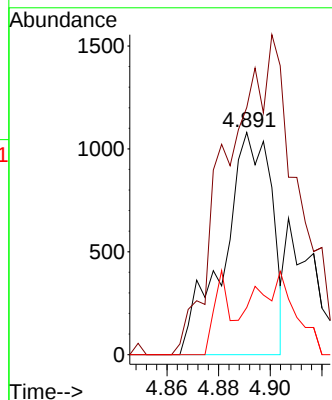
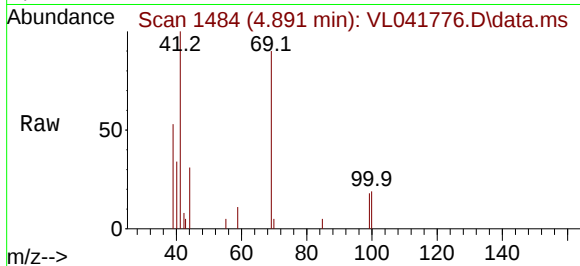
Tgt Ion: 69 Resp: 1401

Ion Ratio Lower Upper

69 100

41 0.0 130.3 195.5#

100 44.1 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.211 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

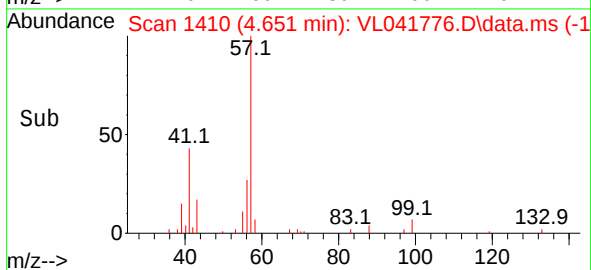
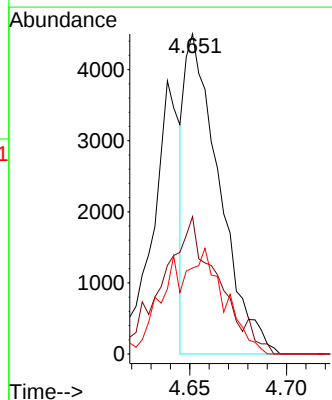
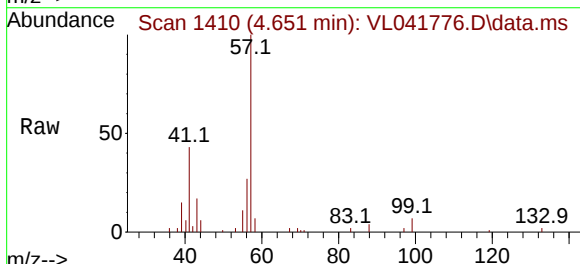
Tgt Ion: 57 Resp: 5596

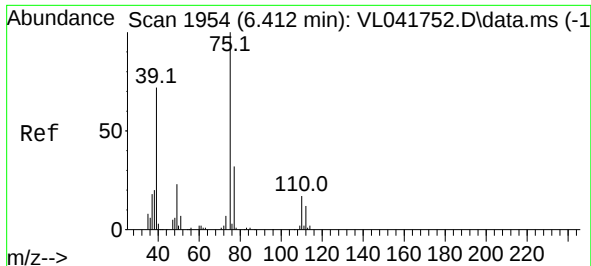
Ion Ratio Lower Upper

57 100

41 69.5 30.7 46.1#

56 54.6 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.017 ppbv

RT: 6.448 min Scan# 1

Delta R.T. 0.035 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

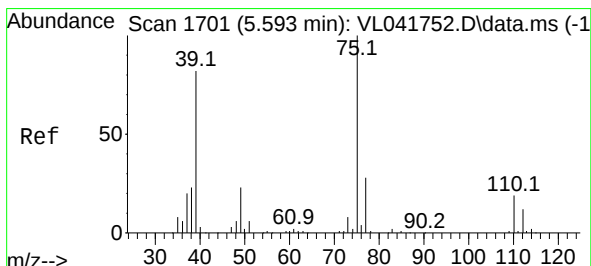
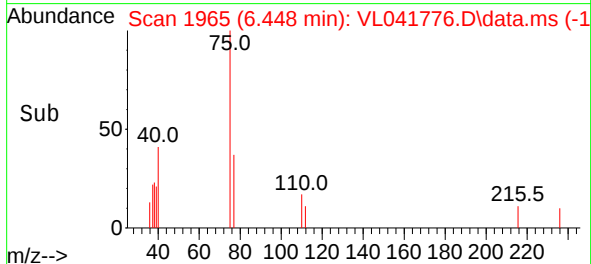
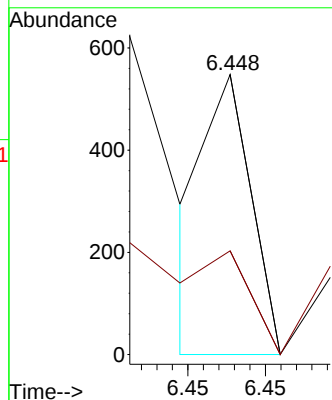
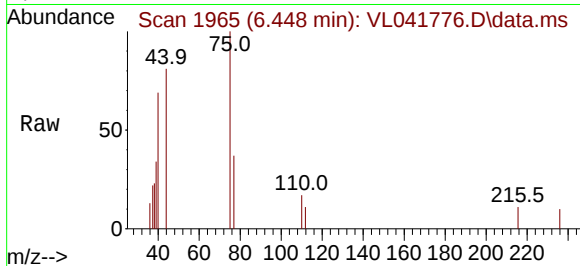
ClientSampleId :

Tgt Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 0.081 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

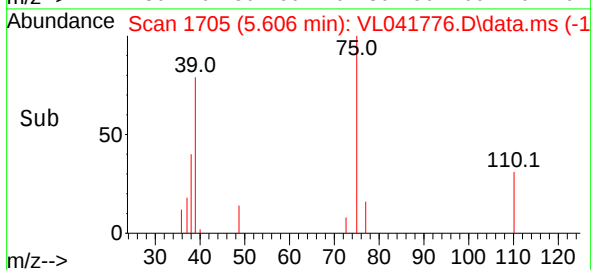
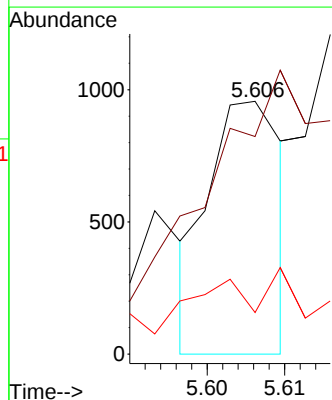
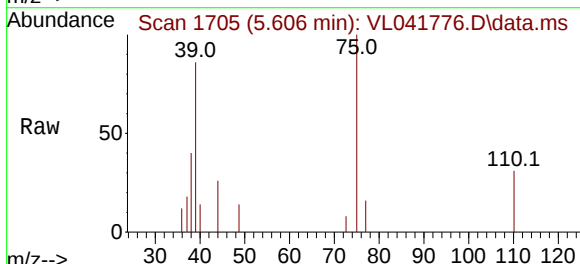
Tgt Ion: 75 Resp: 630

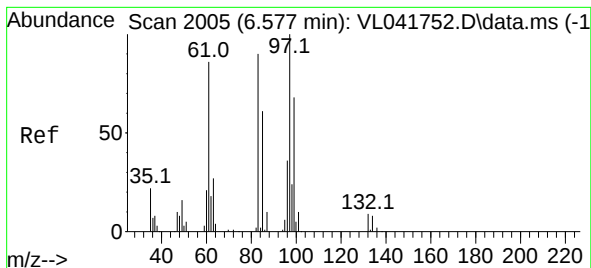
Ion Ratio Lower Upper

75 100

39 56.9 65.2 97.8#

77 0.0 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.432 ppbv

RT: 6.597 min Scan# 2005

Delta R.T. 0.019 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 2538

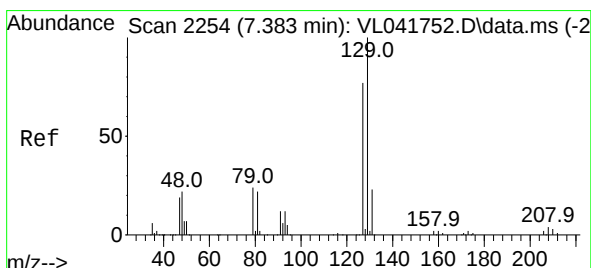
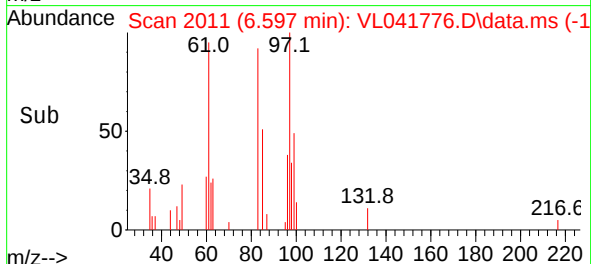
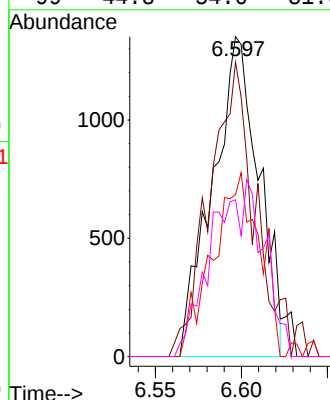
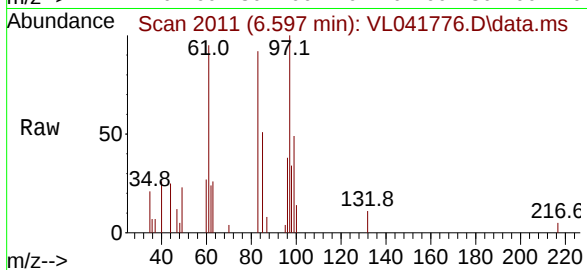
Ion Ratio Lower Upper

97 100

83 83.4 72.3 108.5

85 50.7 48.5 72.7

99 44.8 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.149 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. 0.022 min

Lab File: VL041776.D

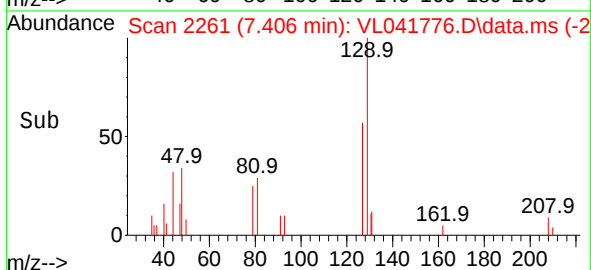
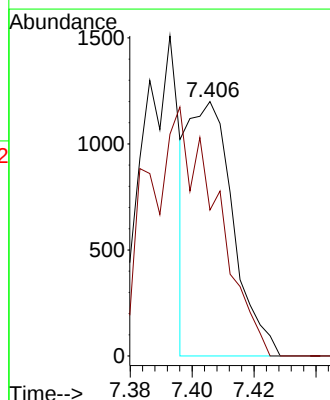
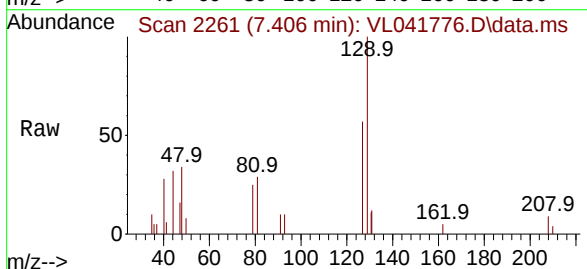
Acq: 17 Dec 2024 13:41

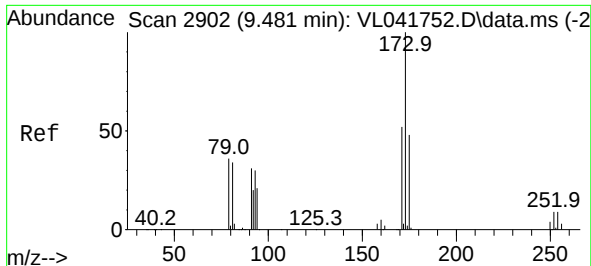
Tgt Ion: 129 Resp: 1196

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.3#





#49

Bromoform

Concen: 0.308 ppbv

RT: 9.493 min Scan# 2023

Delta R.T. 0.013 min

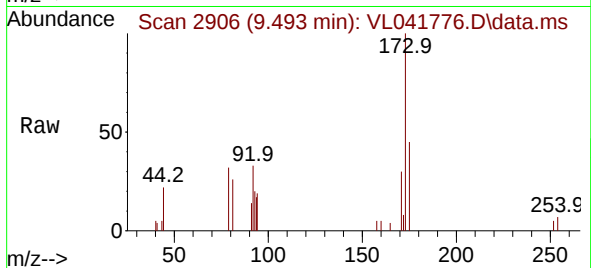
Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

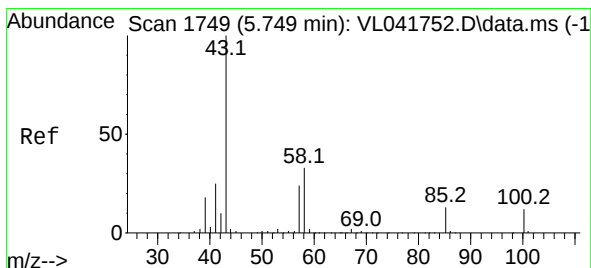
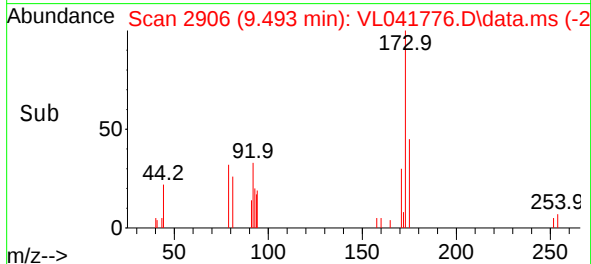
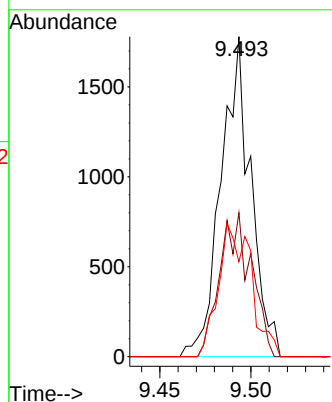
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	2023
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.2	57.2
171	45.7	41.1	61.7



#50

4-Methyl-2-Pentanone

Concen: 0.148 ppbv

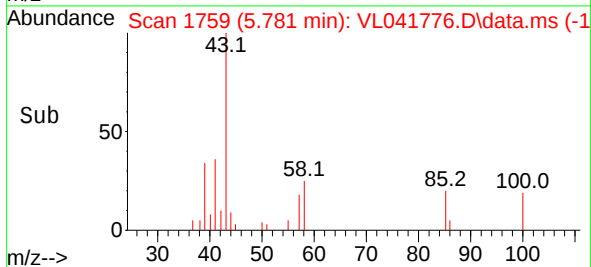
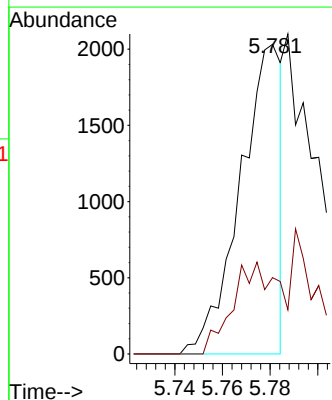
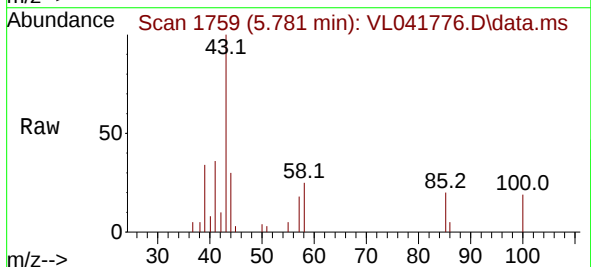
RT: 5.781 min Scan# 1759

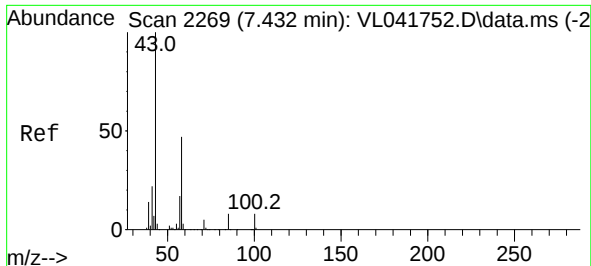
Delta R.T. 0.032 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion:	43	Resp:	2437
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#

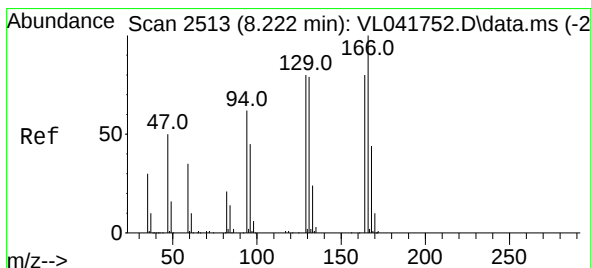
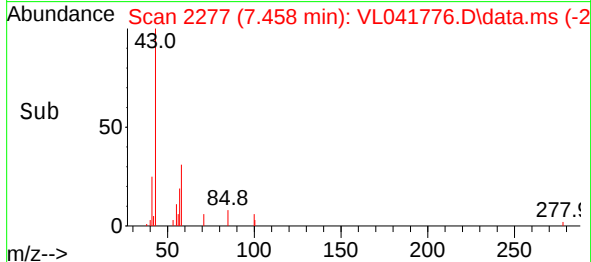
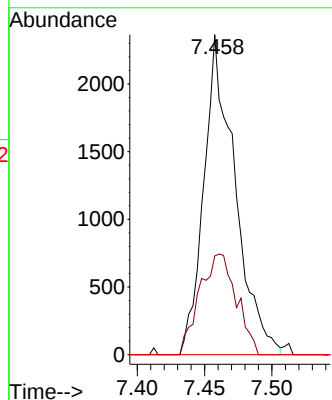
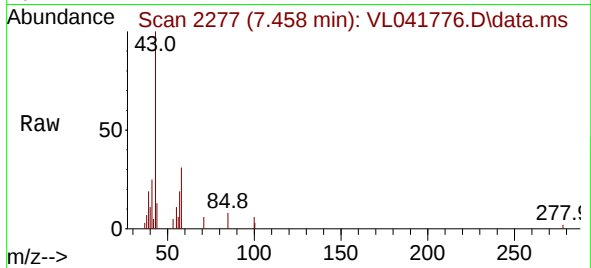




#51
2-Hexanone
Concen: 0.284 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

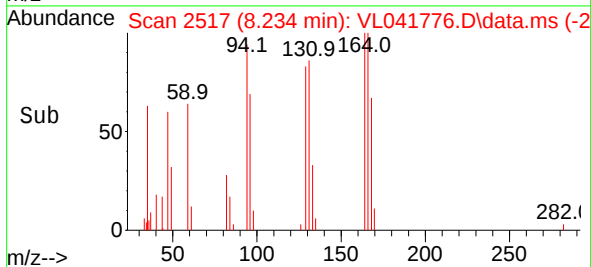
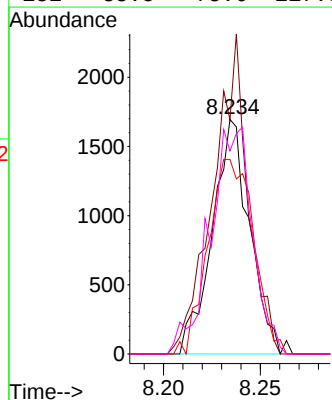
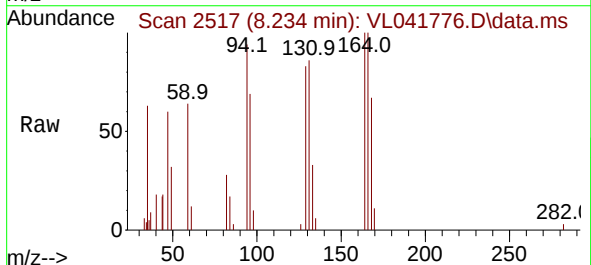
Instrument :
MSVOA_L
ClientSampleId :

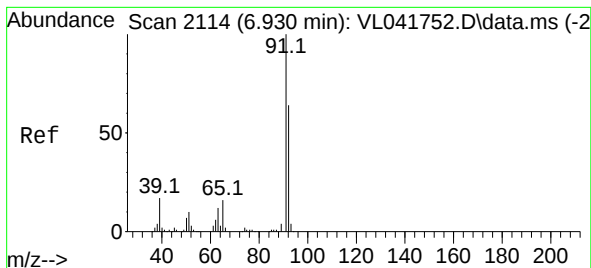
Tgt Ion: 43 Resp: 3794
Ion Ratio Lower Upper
43 100
58 37.1 36.6 55.0
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.391 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 164 Resp: 2260
Ion Ratio Lower Upper
164 100
166 99.8 99.8 149.6
129 77.6 79.6 119.4#
131 83.5 78.6 117.8





#53

Toluene

Concen: 0.122 ppbv

RT: 6.949 min Scan# 2114

Delta R.T. 0.019 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

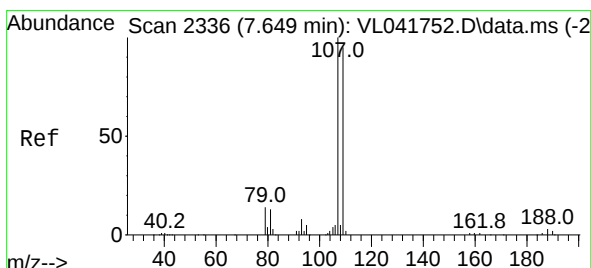
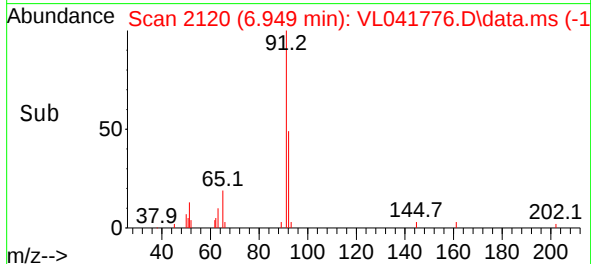
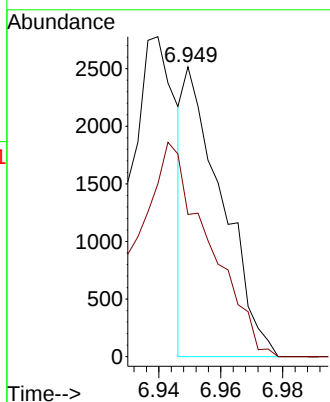
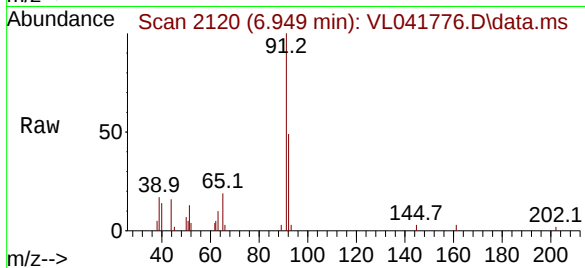
ClientSampleId :

Tgt Ion: 91 Resp: 2144

Ion Ratio Lower Upper

91 100

92 0.0 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.191 ppbv

RT: 7.658 min Scan# 2339

Delta R.T. 0.009 min

Lab File: VL041776.D

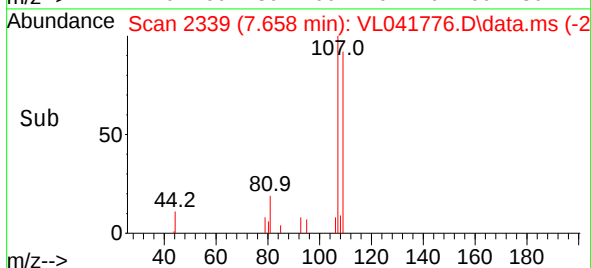
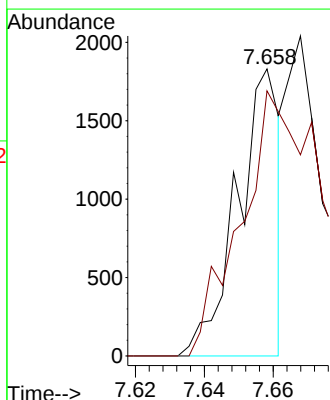
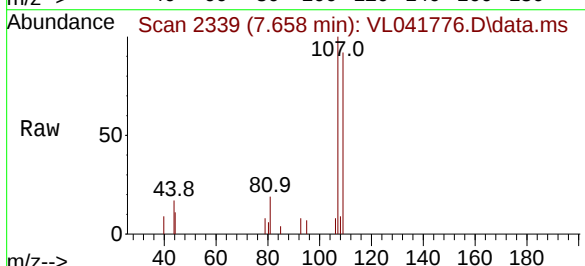
Acq: 17 Dec 2024 13:41

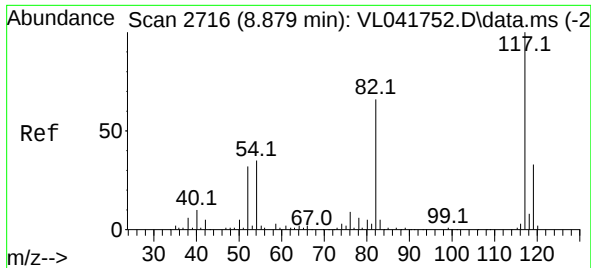
Tgt Ion: 107 Resp: 1547

Ion Ratio Lower Upper

107 100

109 92.4 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: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

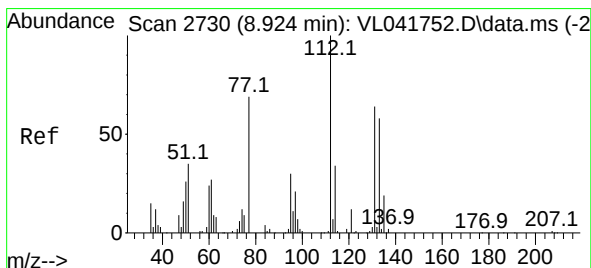
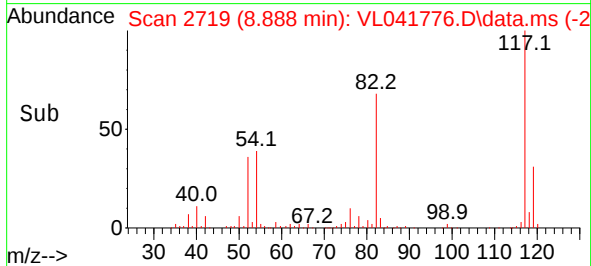
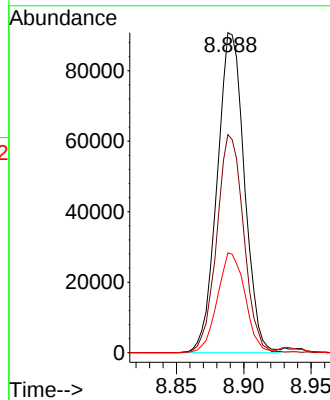
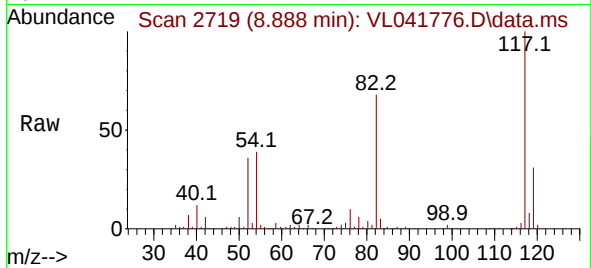
Tgt Ion:117 Resp: 127673

Ion Ratio Lower Upper

117 100

82 67.5 53.8 80.8

119 31.8 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.439 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

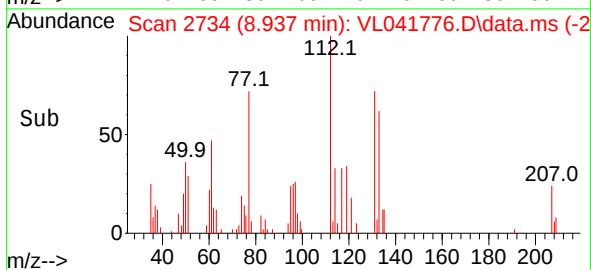
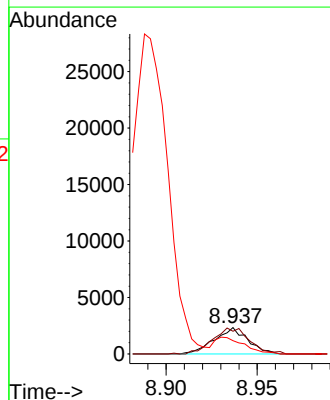
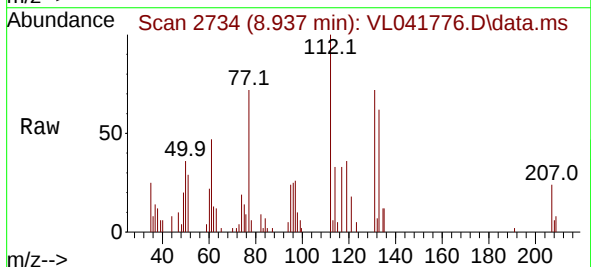
Tgt Ion:131 Resp: 2971

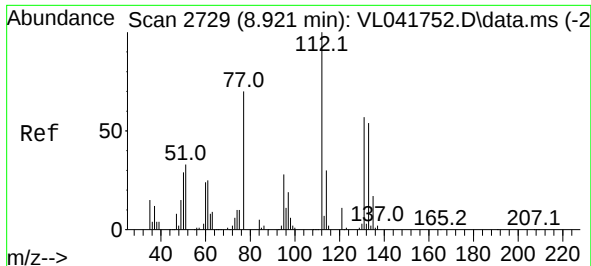
Ion Ratio Lower Upper

131 100

133 108.0 76.8 115.2

119 1420.2 49.0 73.6#





#57

Chlorobenzene

Concen: 0.469 ppbv

RT: 8.933 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041776.D

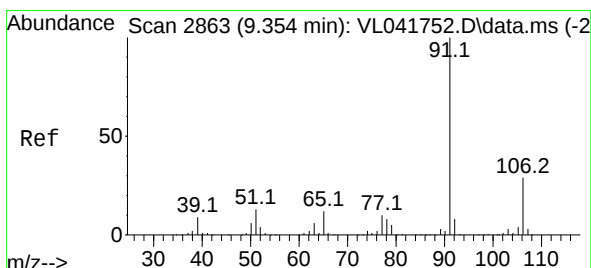
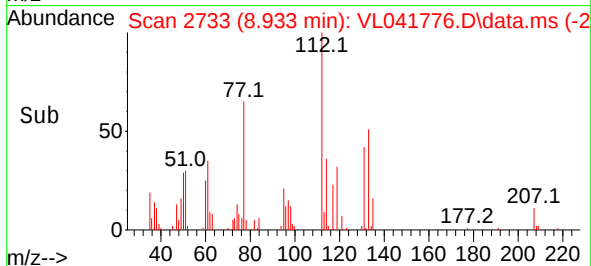
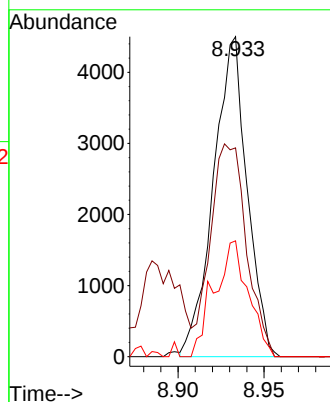
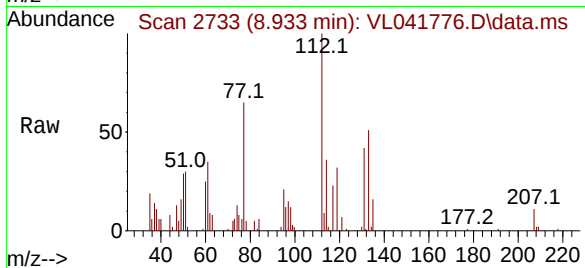
Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	6126
Ion Ratio	Lower	Upper
112	100	
77	65.2	57.4 86.0
114	36.2	27.4 33.4#



#58

Ethyl Benzene

Concen: 0.302 ppbv

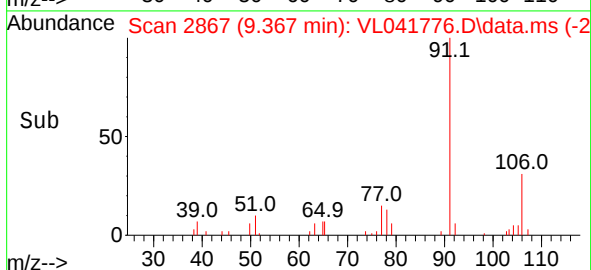
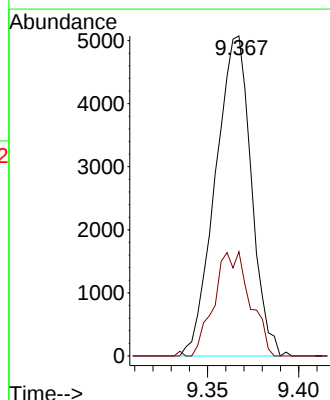
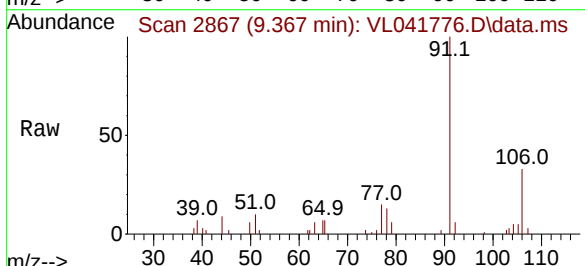
RT: 9.367 min Scan# 2867

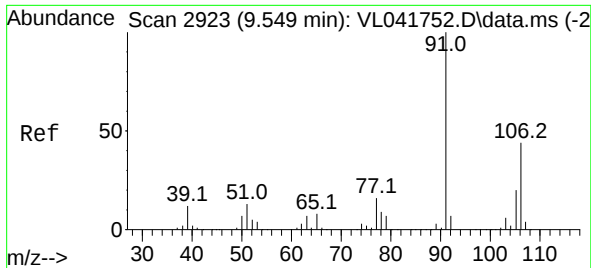
Delta R.T. 0.013 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion: 91	Resp:	6938
Ion Ratio	Lower	Upper
91	100	
106	32.6	23.5 35.3





#59

m/p-Xylene

Concen: 0.312 ppbv

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

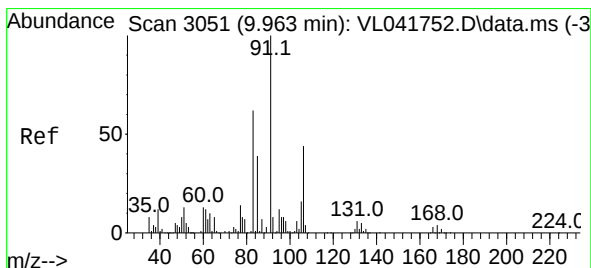
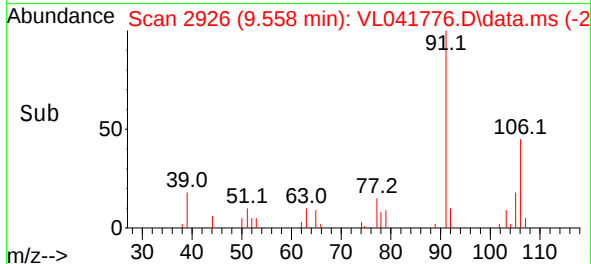
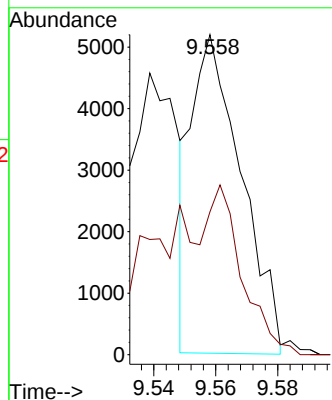
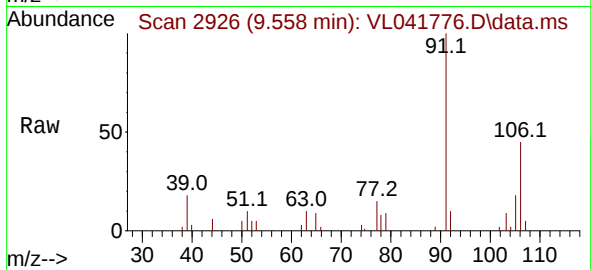
ClientSampleId :

Tgt Ion: 91 Resp: 5775

Ion Ratio Lower Upper

91 100

106 93.2 0.0 0.0#



#60

o-Xylene

Concen: 0.296 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.009 min

Lab File: VL041776.D

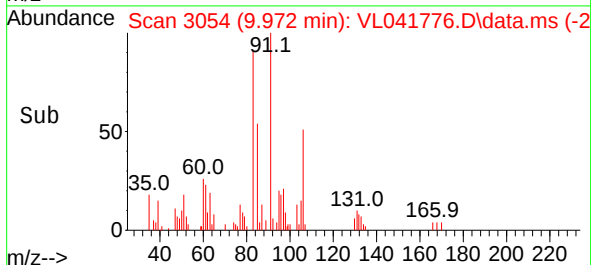
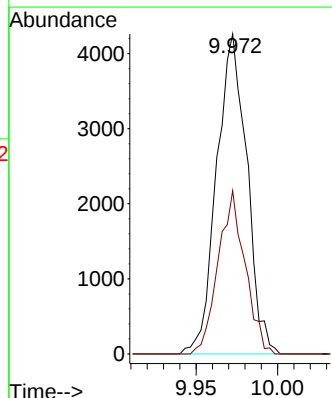
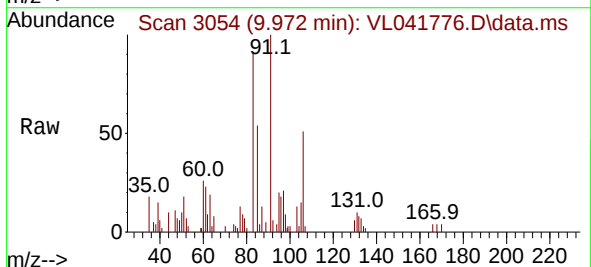
Acq: 17 Dec 2024 13:41

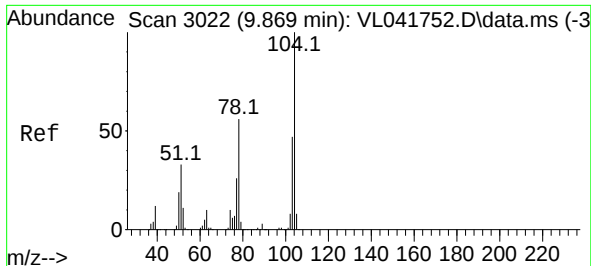
Tgt Ion: 91 Resp: 5490

Ion Ratio Lower Upper

91 100

106 45.4 21.1 63.4

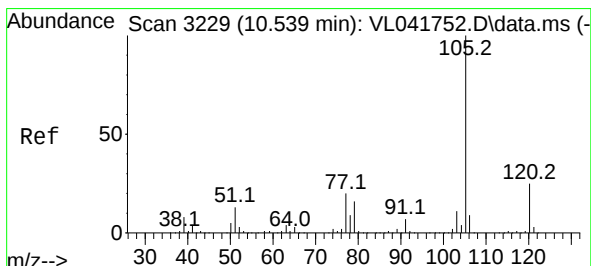
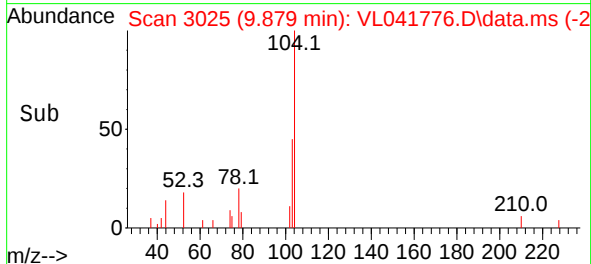
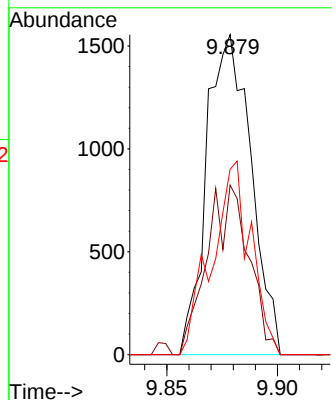
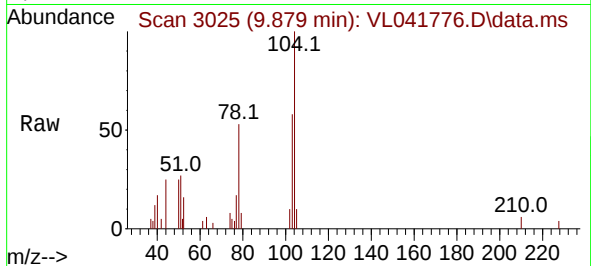




#61
Styrene
Concen: 0.271 ppbv
RT: 9.879 min Scan# 3022
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

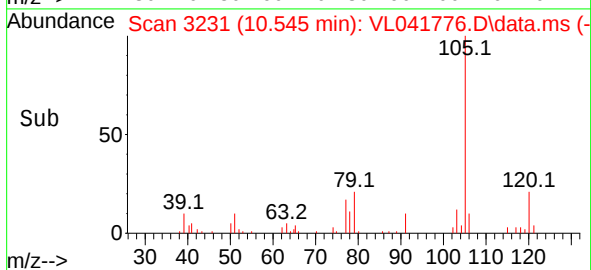
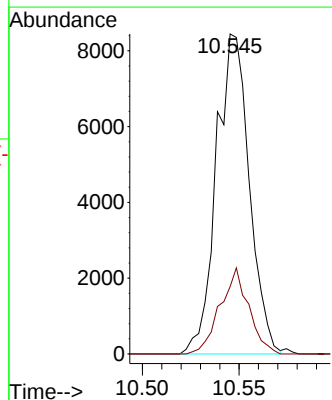
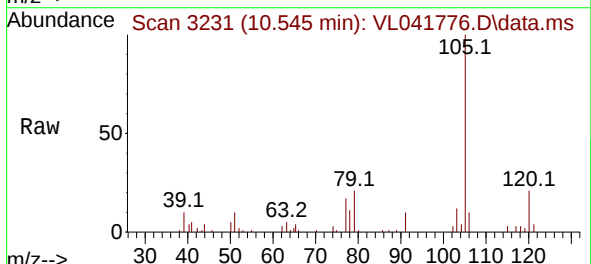
Instrument :
MSVOA_L
ClientSampleId :

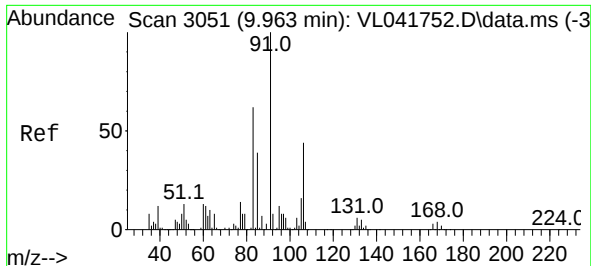
Tgt Ion:104 Resp: 2169
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.6
103 53.0 37.8 56.6



#62
Isopropylbenzene
Concen: 0.359 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion:105 Resp: 10008
Ion Ratio Lower Upper
105 100
120 23.3 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.444 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041776.D

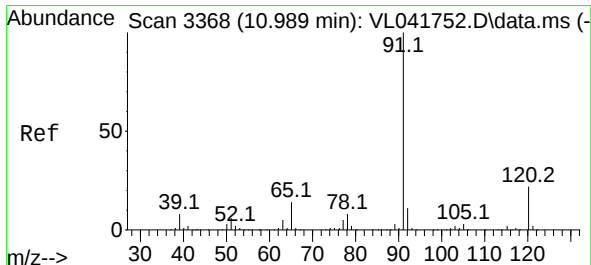
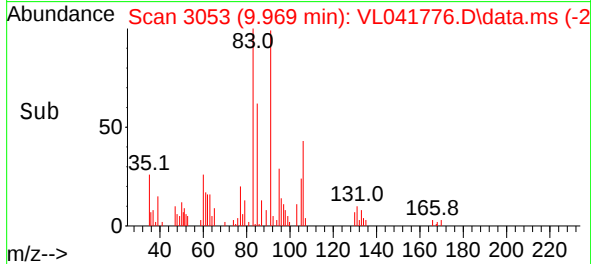
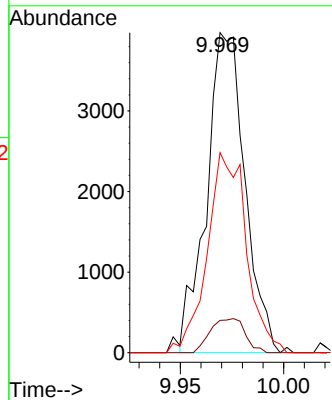
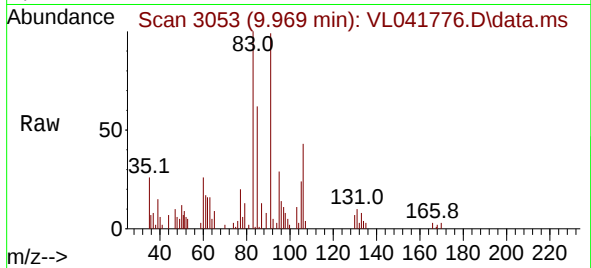
Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	5148
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.3	32.0	96.2



#64

n-propylbenzene

Concen: 0.324 ppbv

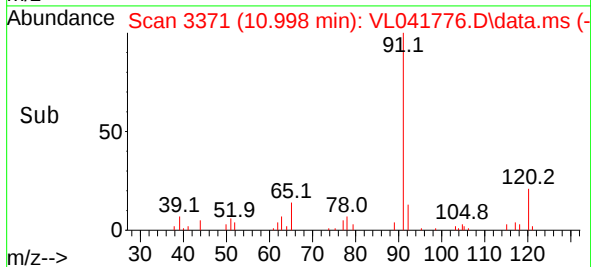
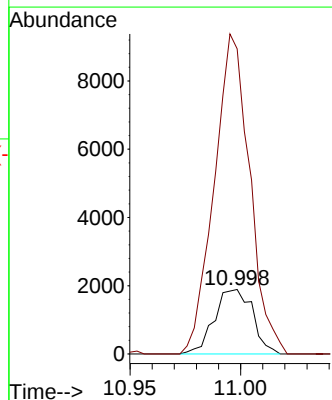
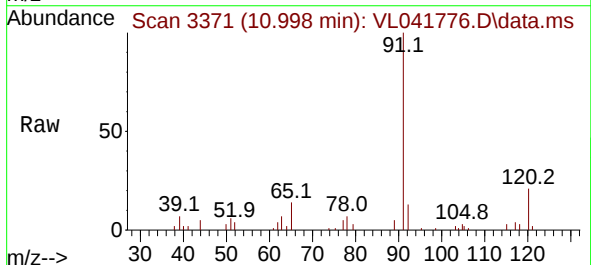
RT: 10.998 min Scan# 3371

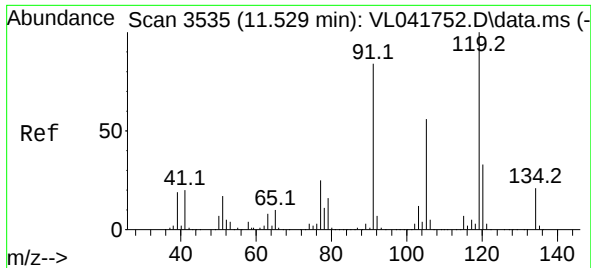
Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

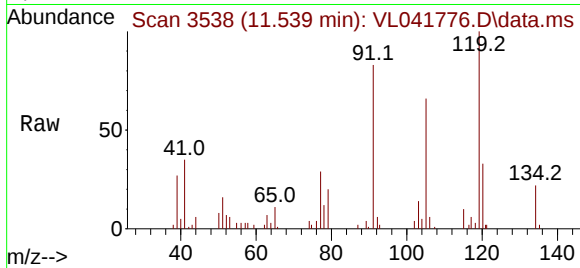
Tgt Ion:	120	Resp:	2280
Ion Ratio	Lower	Upper	
120	100		
91	459.2	387.3	580.9



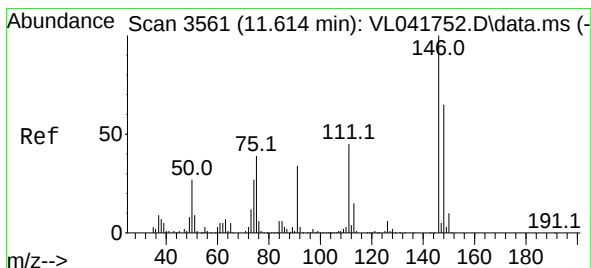
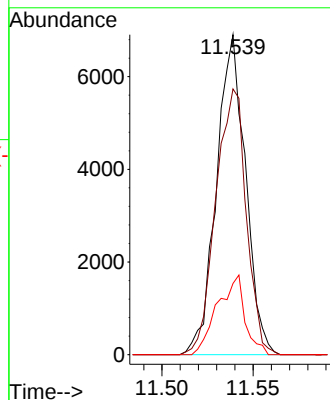
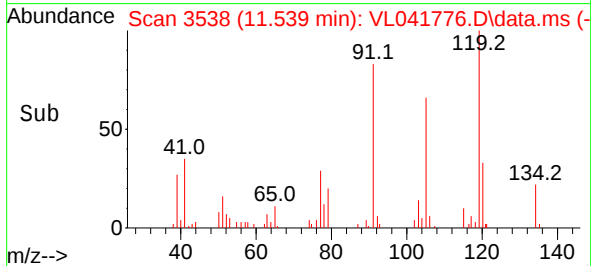


#65
tert-Butylbenzene
Concen: 0.304 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

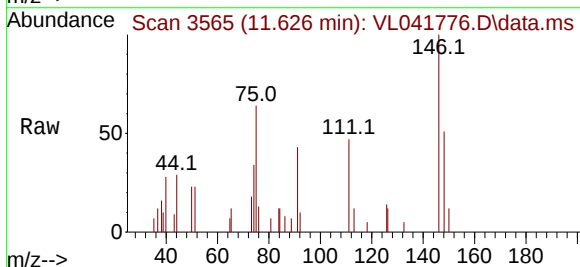
Instrument :
MSVOA_L
ClientSampleId :



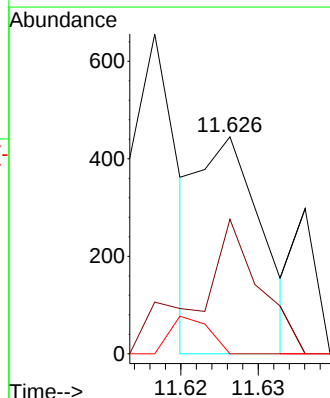
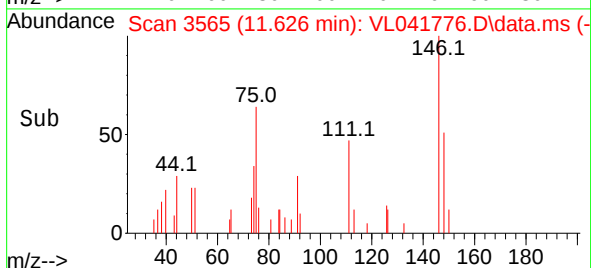
Tgt Ion:119 Resp: 7639
Ion Ratio Lower Upper
119 100
91 87.2 67.0 100.4
134 23.6 16.5 24.7

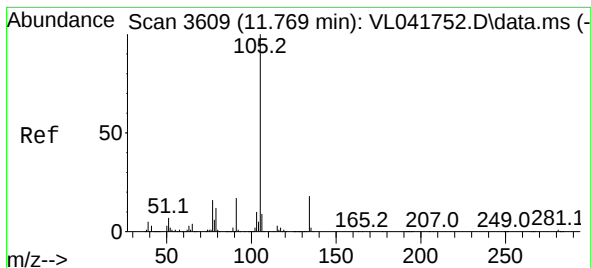


#66
Benzyl Chloride
Concen: 0.112 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.013 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41



Tgt Ion: 91 Resp: 248
Ion Ratio Lower Upper
91 100
126 62.9 13.9 20.9#
128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.321 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

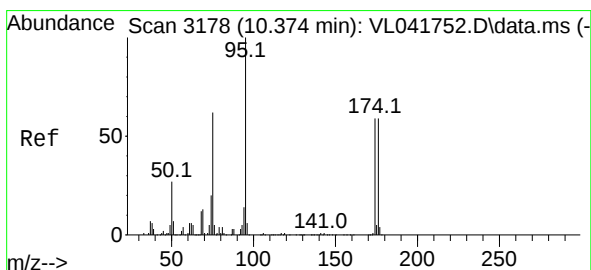
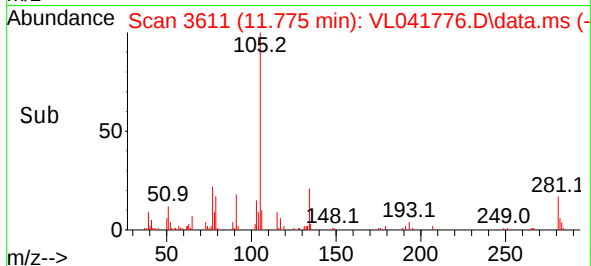
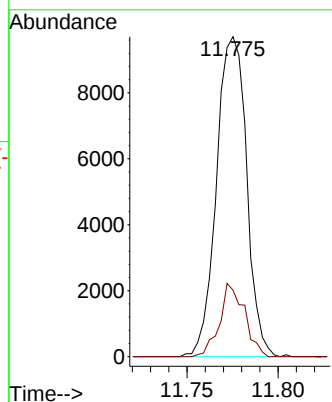
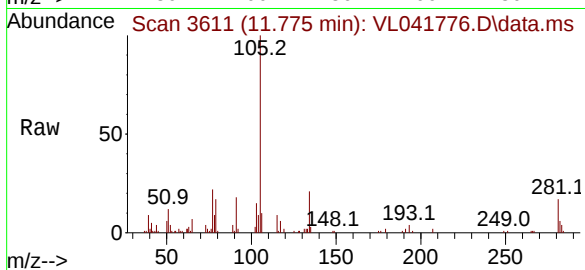
ClientSampleId :

Tgt Ion:105 Resp: 11161

Ion Ratio Lower Upper

105 100

134 18.9 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.073 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.010 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

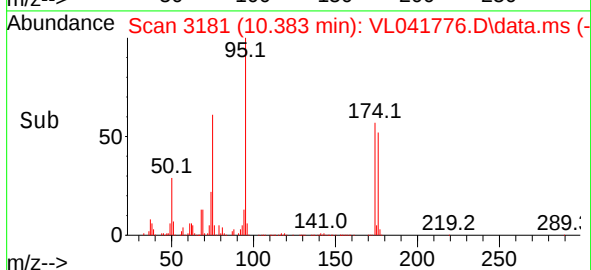
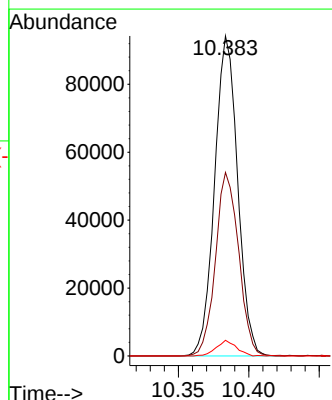
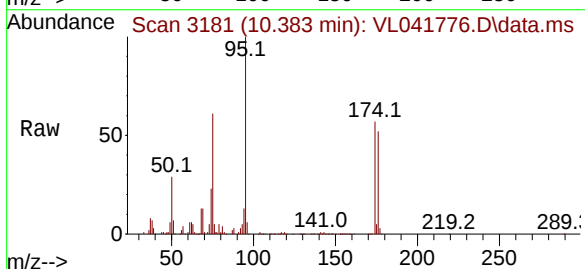
Tgt Ion: 95 Resp: 107174

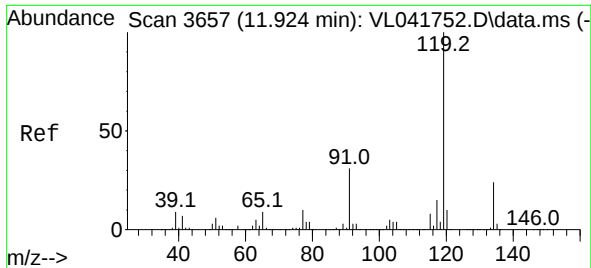
Ion Ratio Lower Upper

95 100

174 57.8 47.6 71.4

175 4.3 3.7 5.5

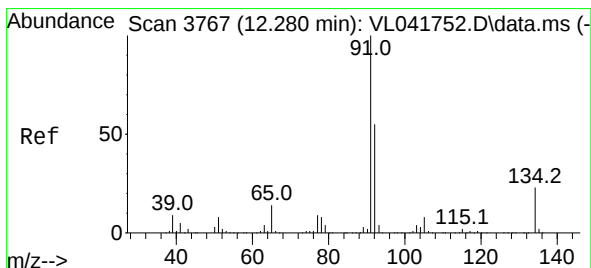
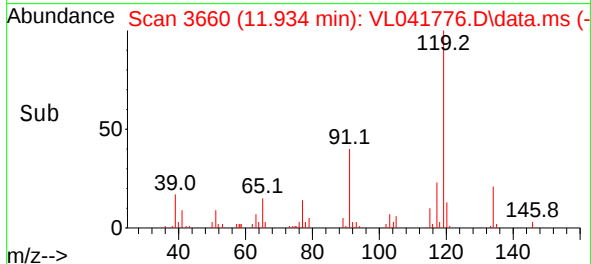
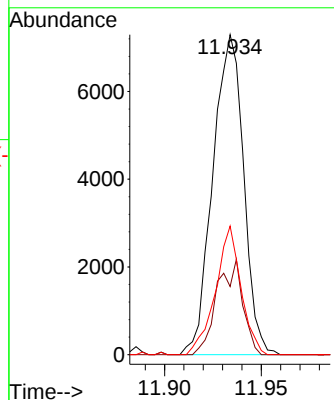
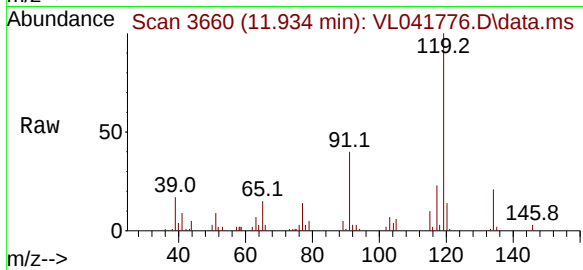




#69
p-Isopropyltoluene
Concen: 0.281 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

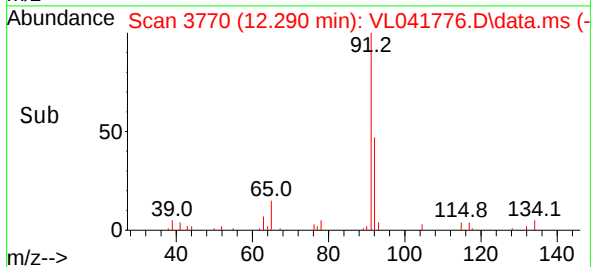
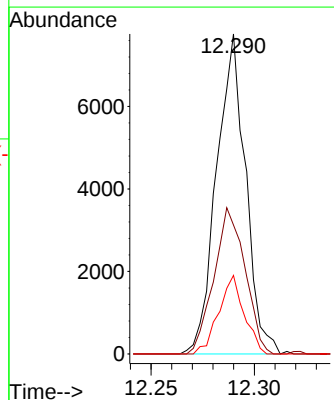
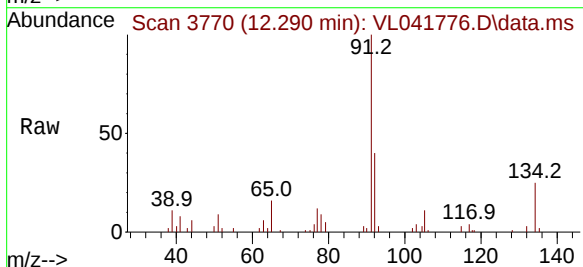
Instrument :
MSVOA_L
ClientSampleId :

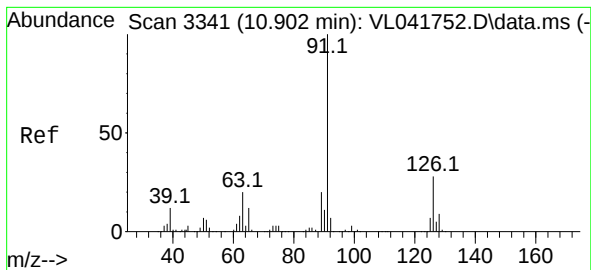
Tgt Ion:119 Resp: 8062
Ion Ratio Lower Upper
119 100
134 24.9 19.6 29.4
91 33.2 24.4 36.6



#70
n-Butylbenzene
Concen: 0.273 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.009 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion: 91 Resp: 7570
Ion Ratio Lower Upper
91 100
92 49.2 43.2 64.8
134 21.5 18.2 27.4

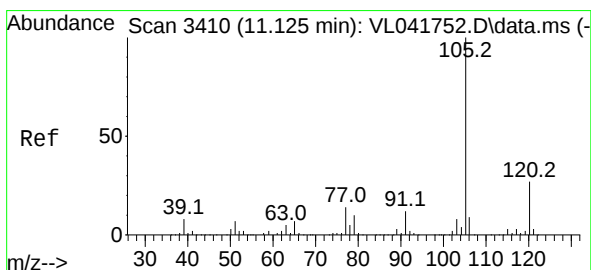
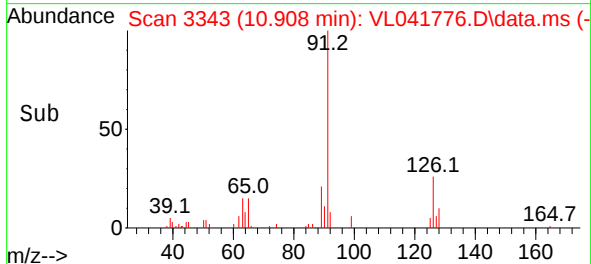
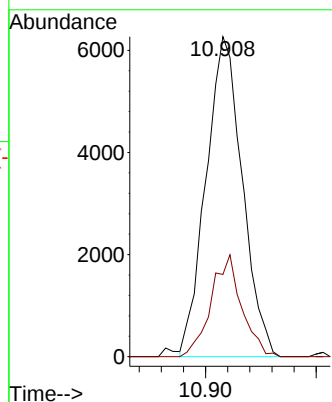
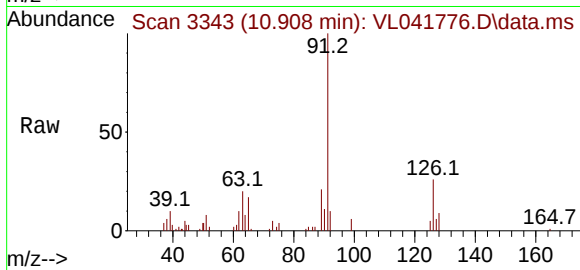




#71
2-Chlorotoluene
Concen: 0.337 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

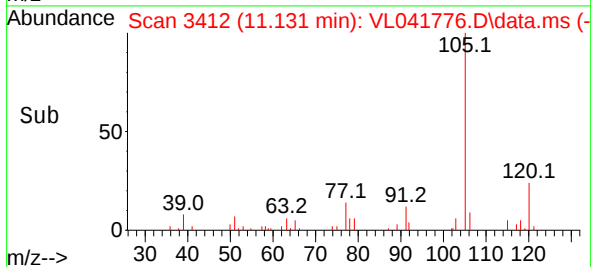
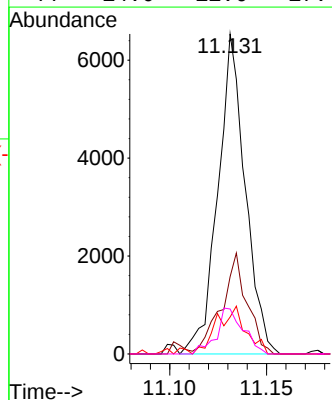
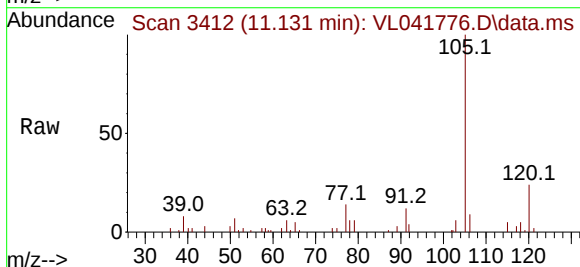
Instrument :
MSVOA_L
ClientSampleId :

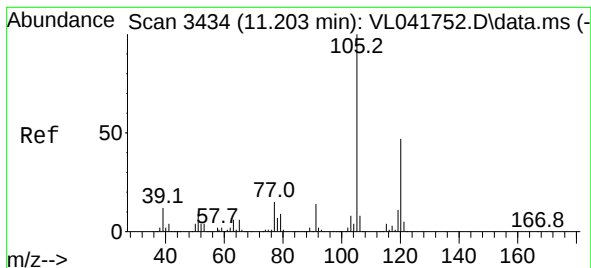
Tgt Ion: 91 Resp: 7154
Ion Ratio Lower Upper
91 100
126 26.8 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.294 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041776.D
Acq: 17 Dec 2024 13:41

Tgt Ion:105 Resp: 6424
Ion Ratio Lower Upper
105 100
120 31.2 23.3 34.9
91 16.4 10.9 16.3#
77 14.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.298 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

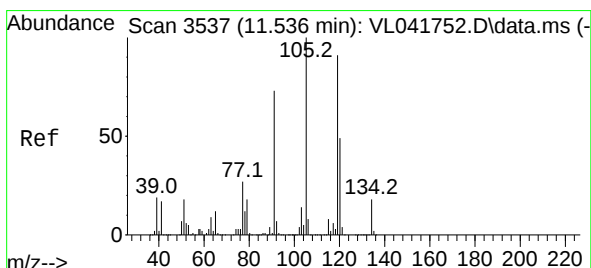
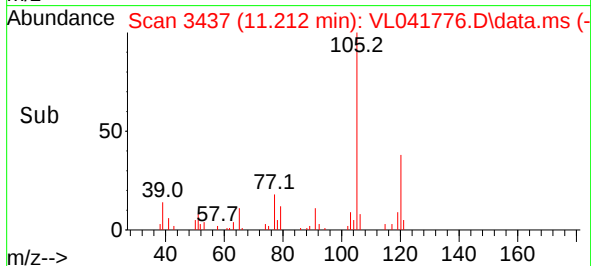
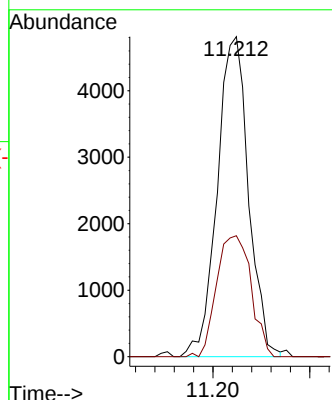
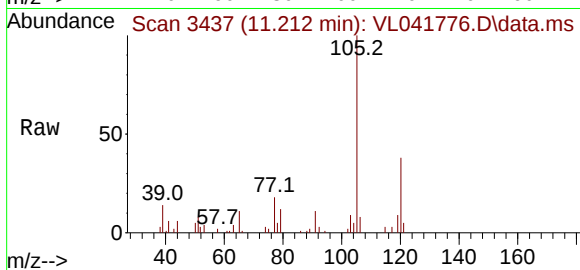
ClientSampleId :

Tgt Ion:105 Resp: 5400

Ion Ratio Lower Upper

105 100

120 37.8 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 0.288 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Tgt Ion:105 Resp: 5628

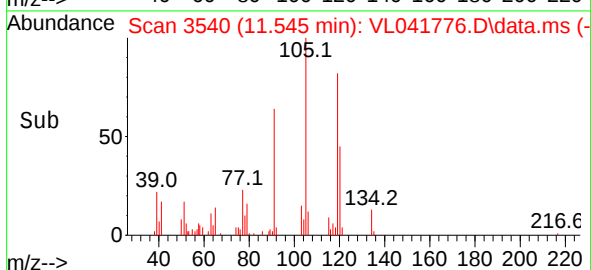
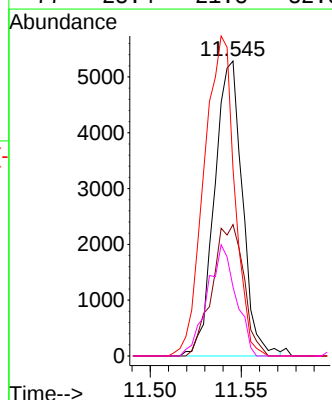
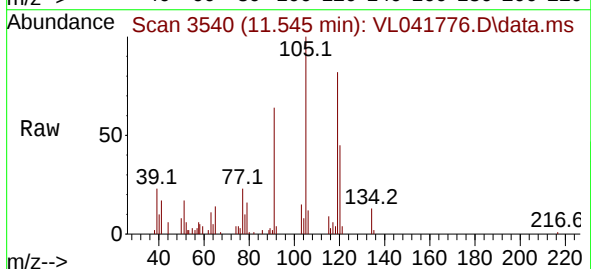
Ion Ratio Lower Upper

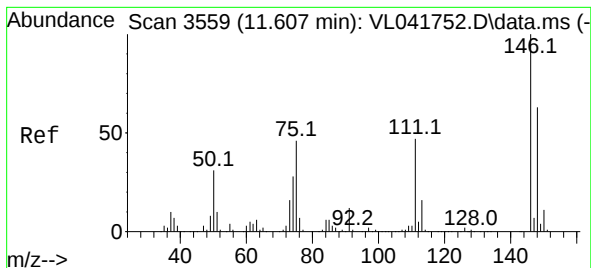
105 100

120 44.5 39.0 58.4

91 63.5 58.1 87.1

77 23.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 0.439 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

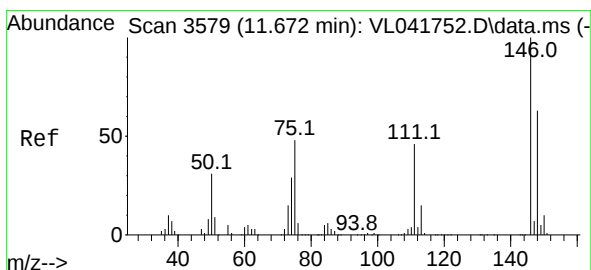
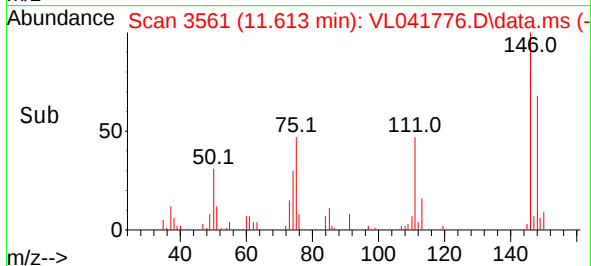
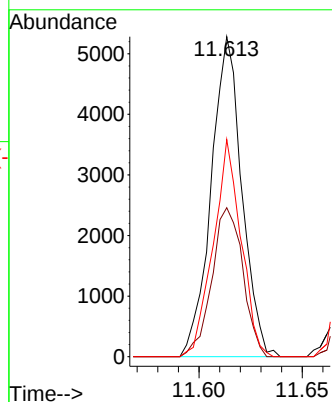
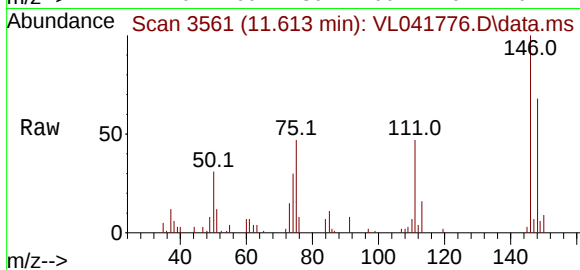
Tgt Ion:146 Resp: 5457

Ion Ratio Lower Upper

146 100

111 47.0 23.4 70.3

148 61.5 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.365 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

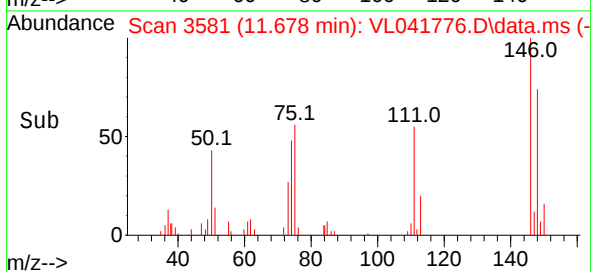
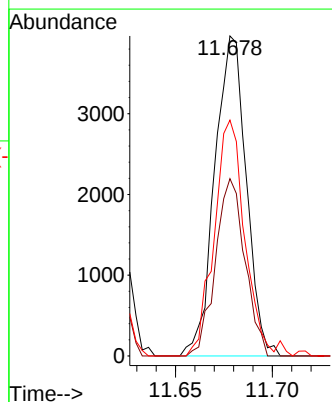
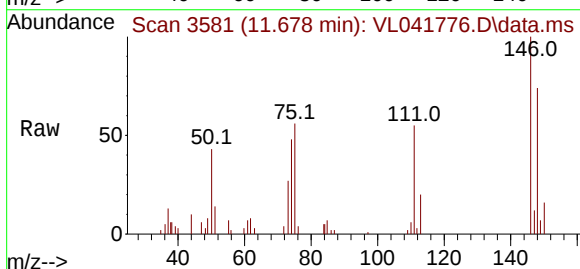
Tgt Ion:146 Resp: 4483

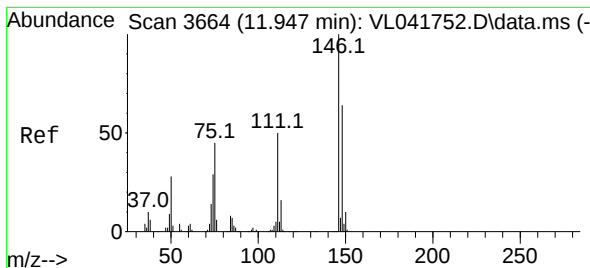
Ion Ratio Lower Upper

146 100

111 51.8 22.7 68.1

148 72.5 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 0.471 ppbv

RT: 11.953 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

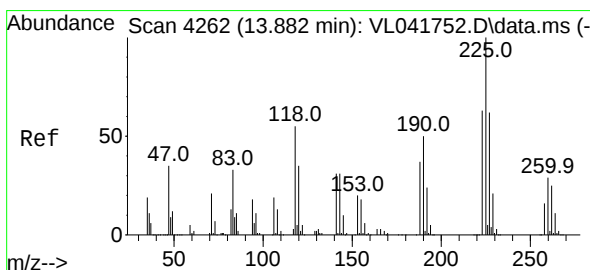
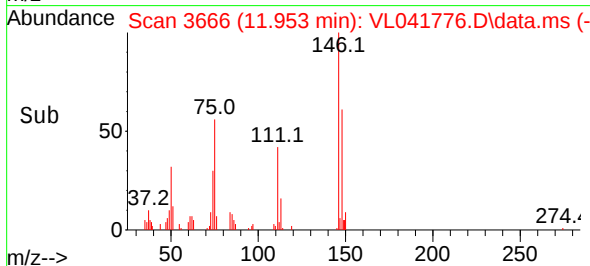
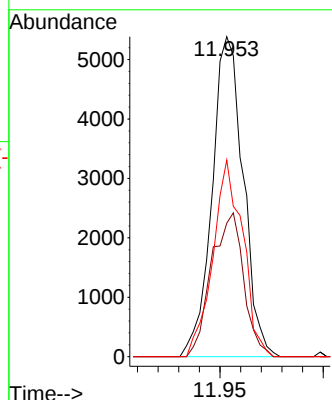
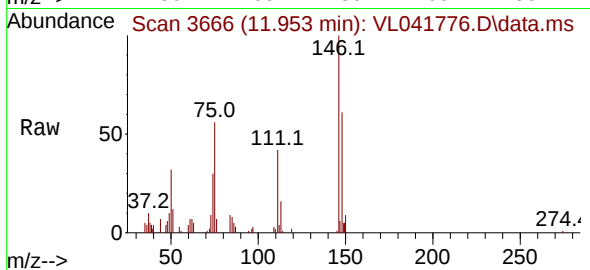
Tgt Ion:146 Resp: 5642

Ion Ratio Lower Upper

146 100

111 46.6 24.8 74.3

148 58.8 31.8 95.4



#78

Hexachloro-1,3-Butadiene

Concen: 0.453 ppbv

RT: 13.886 min Scan# 4263

Delta R.T. 0.003 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

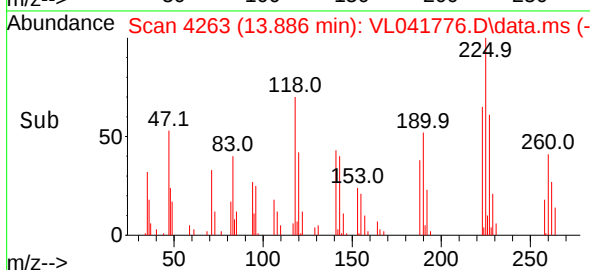
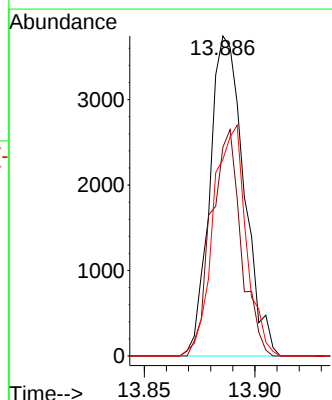
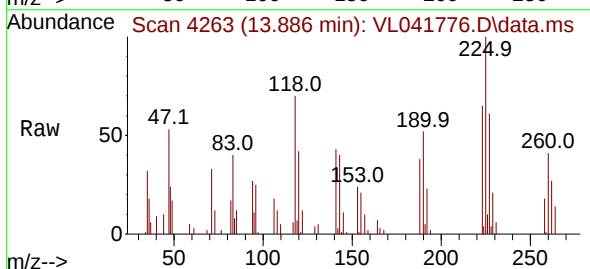
Tgt Ion:225 Resp: 4021

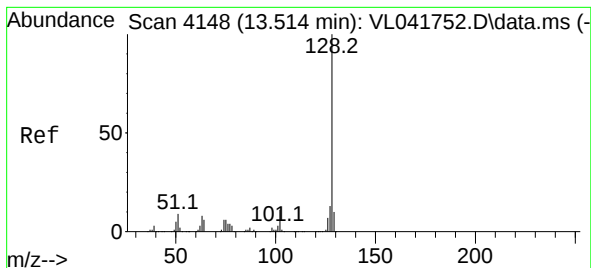
Ion Ratio Lower Upper

225 100

223 61.9 50.5 75.7

227 69.0 50.3 75.5





#79

Naphthalene

Concen: 0.199 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :

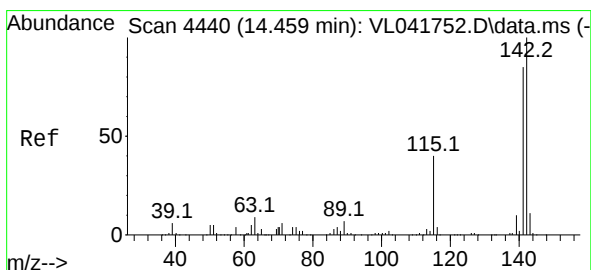
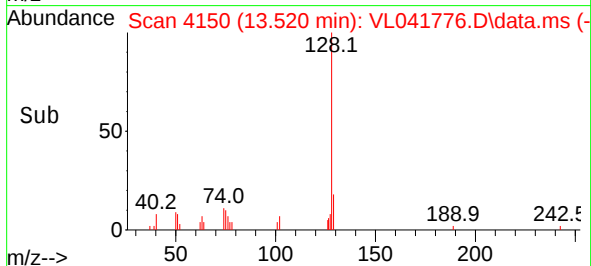
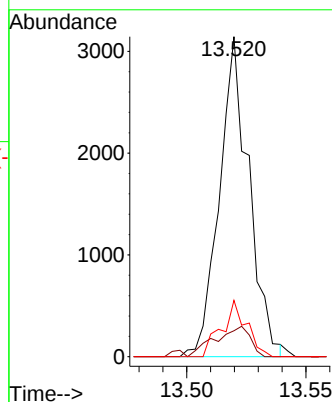
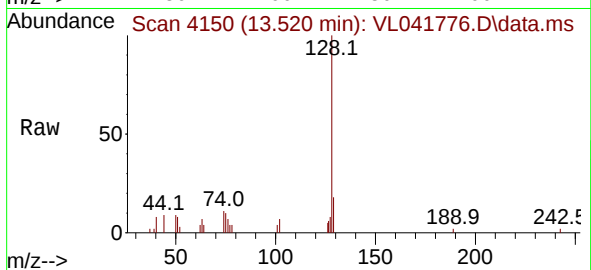
Tgt Ion:128 Resp: 2701

Ion Ratio Lower Upper

128 100

127 8.1 10.7 16.1#

129 17.6 8.2 12.4#



#80

Naphthalene, 2-methyl-

Concen: 0.062 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

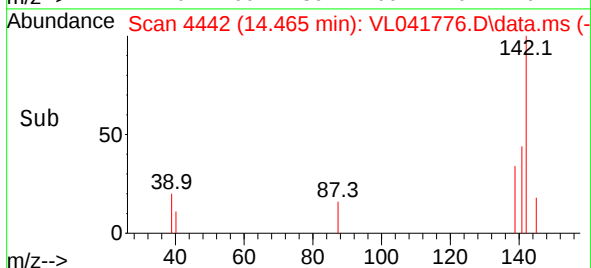
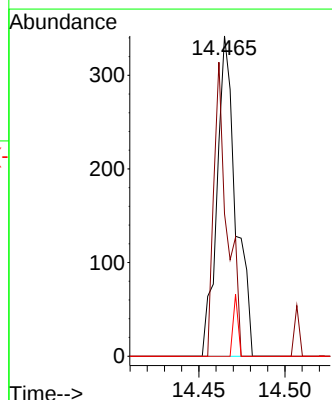
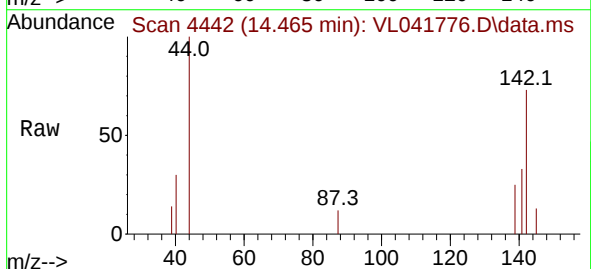
Tgt Ion:142 Resp: 261

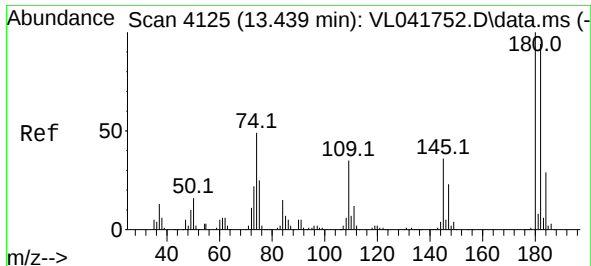
Ion Ratio Lower Upper

142 100

141 64.4 68.4 102.6#

115 0.0 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.298 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

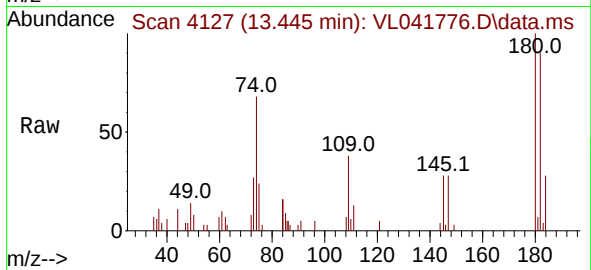
Lab File: VL041776.D

Acq: 17 Dec 2024 13:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 2211

Ion Ratio Lower Upper

180 100

182 80.8 77.0 115.6

184 25.9 23.8 35.8

