

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041778.D
 Acq On : 17 Dec 2024 14:44
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	56079	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	142681	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	120727	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	100211	9.961	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	562	0.056	ppbv	99
3) Chlorodifluoromethane	1.822	51	80	0.009	ppbv	95
4) Chloromethane	1.534	50	267	0.068	ppbv	97
5) Vinyl Chloride	1.583	62	237	0.060	ppbv #	43
6) Bromomethane	1.670	94	70	0.038	ppbv #	1
7) Chloroethane	1.709	64	74	0.048	ppbv #	40
8) Dichlorotetrafluoroethane	1.557	85	415	0.046	ppbv	98
9) Propene	1.486	41	474	0.120	ppbv #	68
10) Heptane	4.994	43	121	0.012	ppbv #	18
11) Trichlorofluoromethane	2.146	101	413	0.039	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.146	101	413	0.051	ppbv	84
13) Ethanol	1.722	45	421	1.283	ppbv #	34
14) Bromoethene	1.787	108	71	0.026	ppbv #	1
15) Acetone	1.842	43	1906	0.175	ppbv	99
16) 1,3-Butadiene	1.612	39	409	0.095	ppbv #	63
17) tert-Butyl alcohol	2.046	59	433	0.040	ppbv #	71
18) 1,1-Dichloroethene	2.042	96	91	0.027	ppbv #	87
19) Isopropyl Alcohol	1.894	45	1834	0.280	ppbv #	76
20) Methylene Chloride	2.065	84	776	0.249	ppbv #	87
21) Allyl Chloride	2.101	41	208	0.035	ppbv #	1
22) trans-1,2-Dichloroethene	2.350	96	77	0.020	ppbv #	23
23) Vinyl Acetate	2.466	43	142	0.028	ppbv #	1
24) 1,1-Dichloroethane	2.408	63	321	0.041	ppbv #	88
25) Ethyl Acetate	2.852	43	512	0.025	ppbv #	83
26) Hexane	2.829	57	229	0.030	ppbv #	63
27) Carbon Disulfide	2.156	76	140	0.020	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	126	0.020	ppbv #	54
29) Chloroform	2.855	83	710	0.060	ppbv	95
30) Cyclohexane	3.871	84	48	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	296	0.037	ppbv #	65
32) 1,1,1-Trichloroethane	3.373	97	242	0.020	ppbv #	74
34) 2-Butanone	2.573	43	612	0.053	ppbv #	80
35) Carbon Tetrachloride	3.771	117	274	0.027	ppbv #	63
36) Benzene	3.661	78	614	0.042	ppbv #	93
37) 1,2-Dichloroethane	3.224	62	384	0.042	ppbv #	90
38) Trichloroethene	4.564	130	57	0.009	ppbv #	30
39) 1,2-Dichloropropane	3.965	63	39842	7.464	ppbv #	17
41) Tetrahydrofuran	3.085	42	144	0.022	ppbv	99
42) Bromodichloromethane	4.502	83	137	0.013	ppbv #	81
43) Methyl Methacrylate	4.894	69	42	0.007	ppbv #	1
44) 2,2,4-Trimethylpentane	4.648	57	166	0.007	ppbv #	39
45) t-1,3-Dichloropropene	6.428	75	30	0.005	ppbv #	42
46) cis-1,3-Dichloropropene	5.606	75	62	0.008	ppbv #	47

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

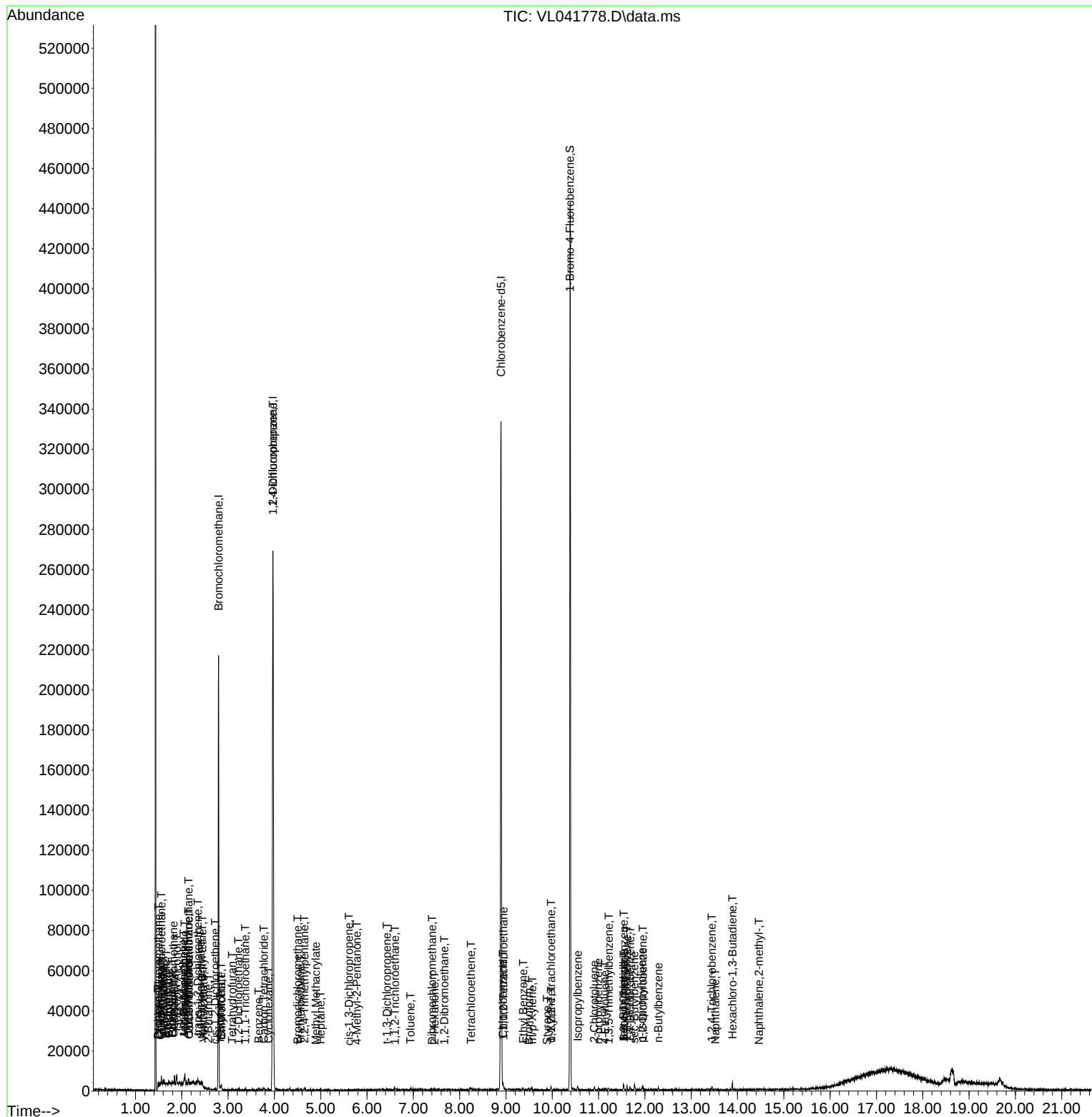
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

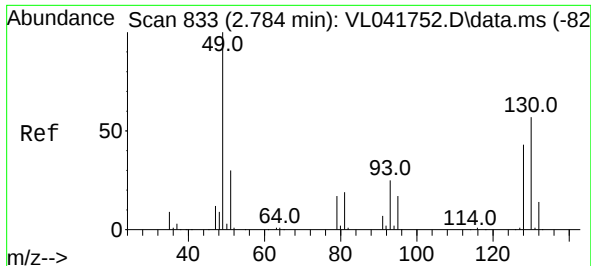
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.600	97	85	0.015	ppbv #	31
48) Dibromochloromethane	7.406	129	10	0.001	ppbv #	11
49) Bromoform	9.490	173	136	0.022	ppbv #	55
50) 4-Methyl-2-Pentanone	5.781	43	11	0.001	ppbv #	41
51) 2-Hexanone	7.454	43	54	0.004	ppbv #	31
52) Tetrachloroethene	8.244	164	53	0.010	ppbv #	14
53) Toluene	6.936	91	151	0.009	ppbv #	1
54) 1,2-Dibromoethane	7.668	107	98	0.013	ppbv #	76
56) 1,1,1,2-Tetrachloroethane	8.943	131	40	0.006	ppbv #	1
57) Chlorobenzene	8.933	112	460	0.037	ppbv #	39
58) Ethyl Benzene	9.370	91	128	0.006	ppbv	98
59) m/p-Xylene	9.564	91	249	0.014	ppbv #	100
60) o-Xylene	9.975	91	151	0.009	ppbv	98
61) Styrene	9.888	104	117	0.015	ppbv #	59
62) Isopropylbenzene	10.548	105	962	0.037	ppbv	91
63) 1,1,2,2-Tetrachloroethane	9.975	83	219	0.020	ppbv #	47
64) n-propylbenzene	10.992	120	90	0.014	ppbv #	9
65) tert-Butylbenzene	11.539	119	489	0.021	ppbv	93
66) Benzyl Chloride	11.542	91	174	0.083	ppbv #	66
67) sec-Butylbenzene	11.769	105	773	0.024	ppbv	93
69) p-Isopropyltoluene	11.934	119	531	0.020	ppbv #	81
70) n-Butylbenzene	12.290	91	392	0.015	ppbv #	83
71) 2-Chlorotoluene	10.908	91	483	0.024	ppbv	81
72) 4-Ethyltoluene	11.137	105	170	0.008	ppbv #	48
73) 1,3,5-Trimethylbenzene	11.218	105	217	0.013	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	473	0.026	ppbv #	66
75) 1,3-Dichlorobenzene	11.613	146	450	0.038	ppbv	88
76) 1,4-Dichlorobenzene	11.681	146	120	0.010	ppbv #	1
77) 1,2-Dichlorobenzene	11.956	146	431	0.038	ppbv	96
78) Hexachloro-1,3-Butadiene	13.889	225	321	0.038	ppbv	96
79) Naphthalene	13.520	128	252	0.020	ppbv #	69
80) Naphthalene,2-methyl-	14.465	142	115	0.029	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.445	180	403	0.057	ppbv #	65

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

Instrument :
MSVOA_L
ClientSampleId :

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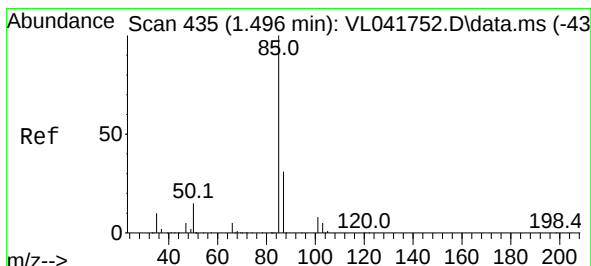
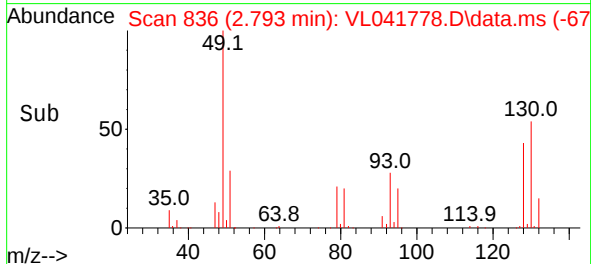
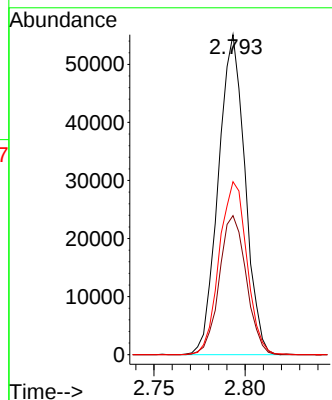
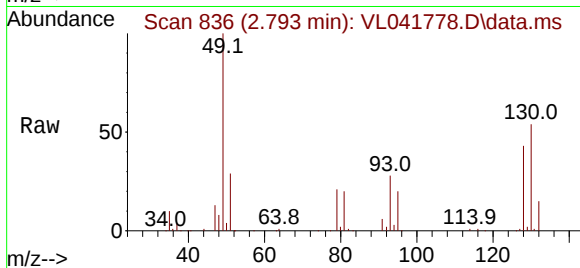




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

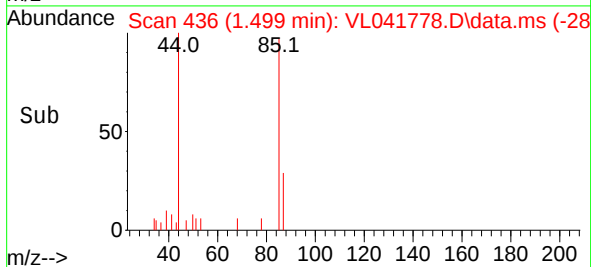
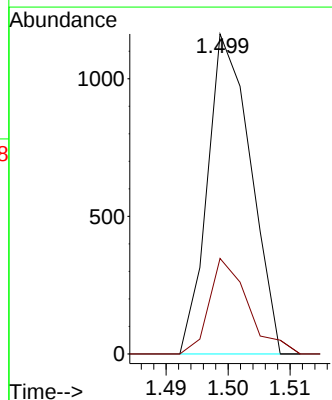
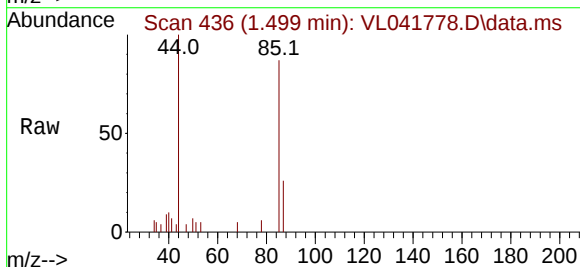
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MSVOA_L
ClientSampleId :

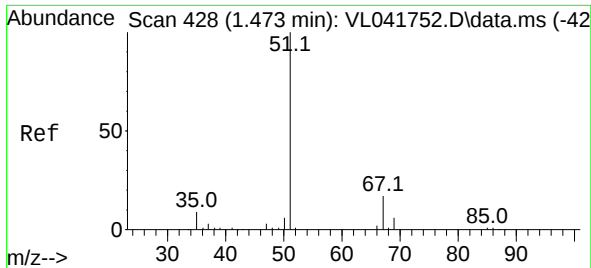
Tgt Ion: 49 Resp: 56079
Ion Ratio Lower Upper
49 100
128 44.0 21.6 64.6
130 55.9 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.056 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion: 85 Resp: 562
Ion Ratio Lower Upper
85 100
87 29.8 24.5 36.7

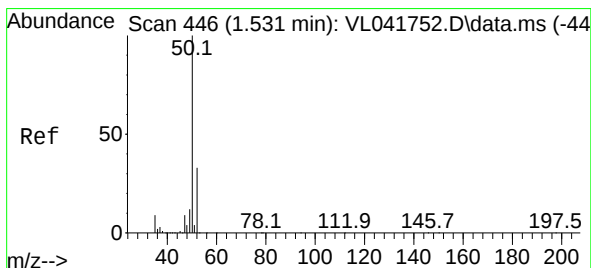
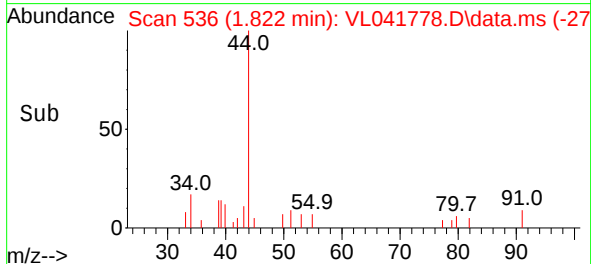
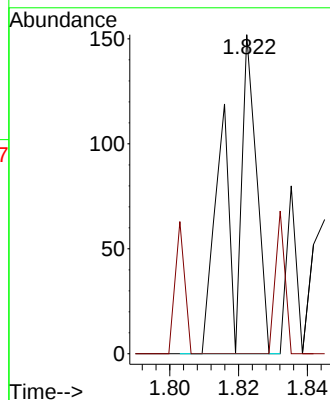
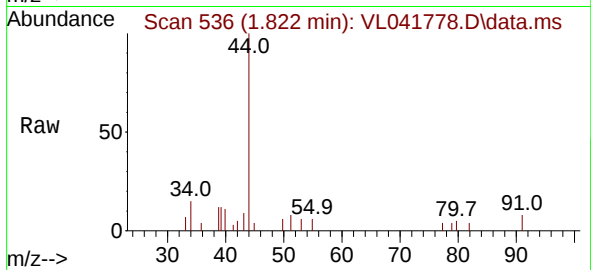




#3
Chlorodifluoromethane
Concen: 0.009 ppbv
RT: 1.822 min Scan# 51
Delta R.T. 0.349 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

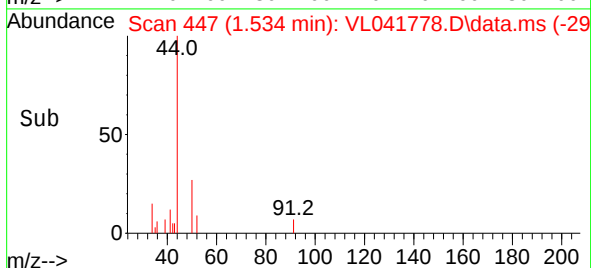
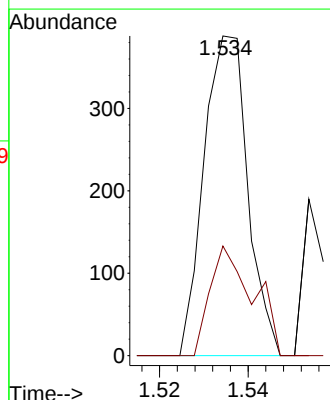
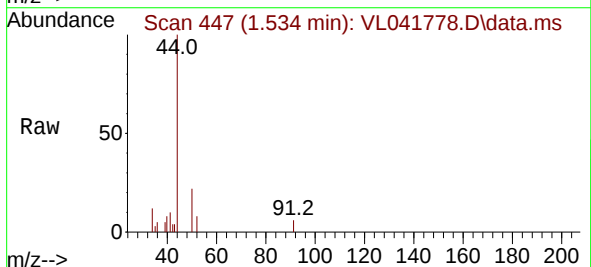
Instrument :
MSVOA_L
ClientSampleId :

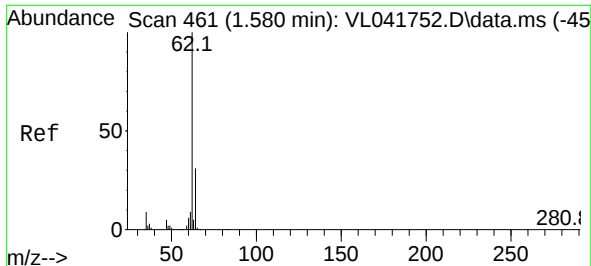
Tgt Ion: 51 Resp: 80
Ion Ratio Lower Upper
51 100
67 16.3 15.0 22.4



#4
Chloromethane
Concen: 0.068 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2





#5

Vinyl Chloride

Concen: 0.060 ppbv

RT: 1.583 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

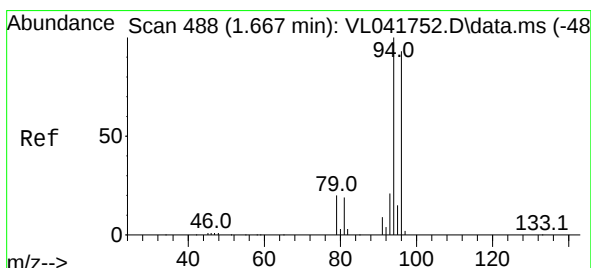
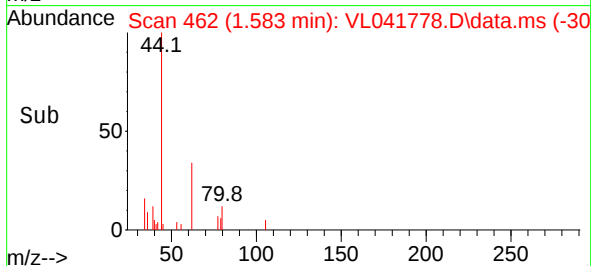
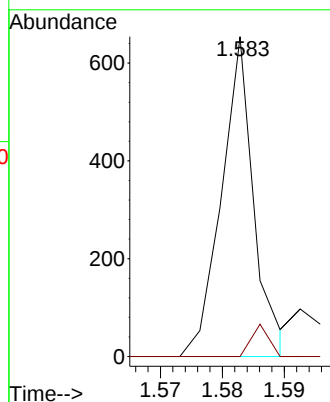
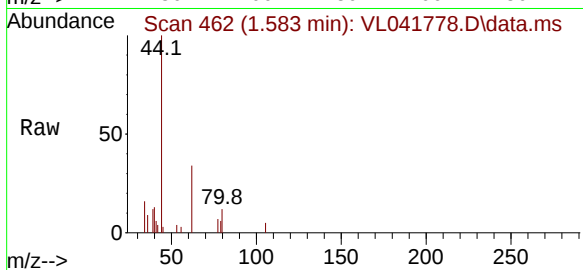
ClientSampleId :

Tgt Ion: 62 Resp: 237

Ion Ratio Lower Upper

62 100

64 0.0 25.1 37.7#



#6

Bromomethane

Concen: 0.038 ppbv

RT: 1.670 min Scan# 489

Delta R.T. 0.003 min

Lab File: VL041778.D

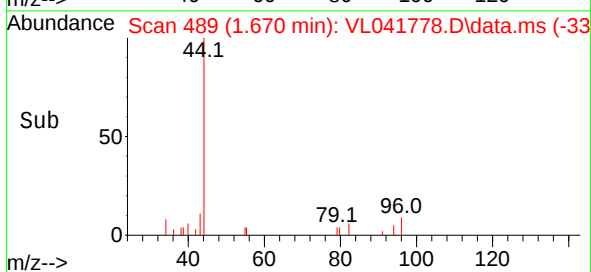
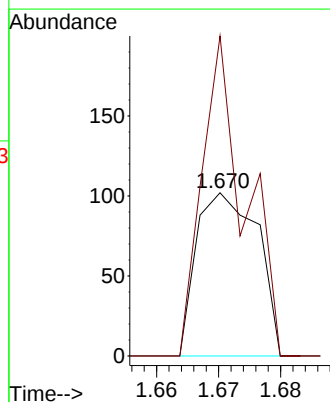
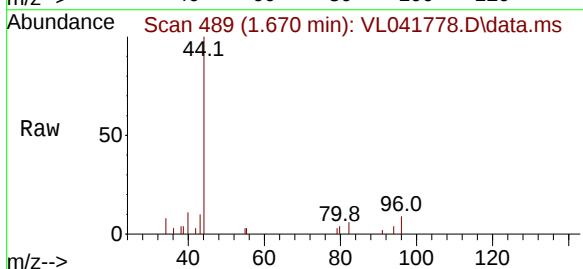
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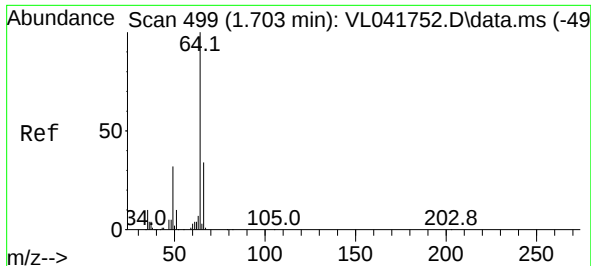
Tgt Ion: 94 Resp: 70

Ion Ratio Lower Upper

94 100

96 196.1 74.7 112.1#

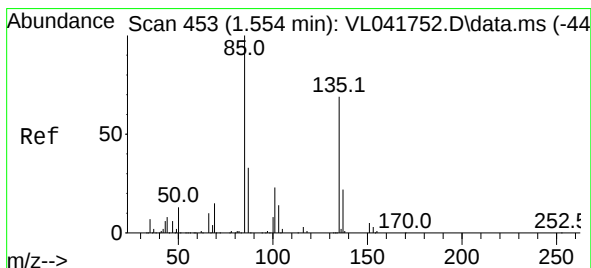
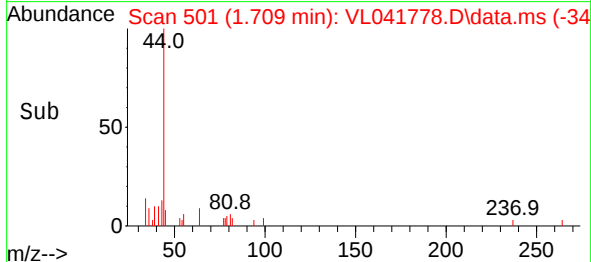
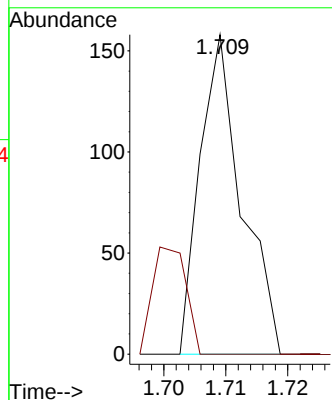
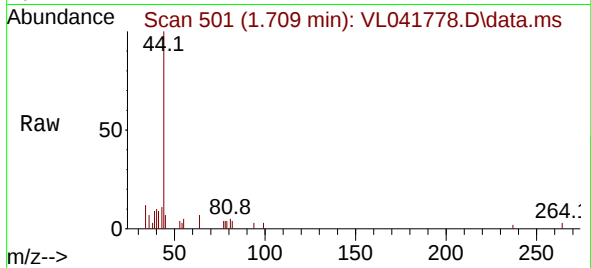




#7
Chloroethane
Concen: 0.048 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

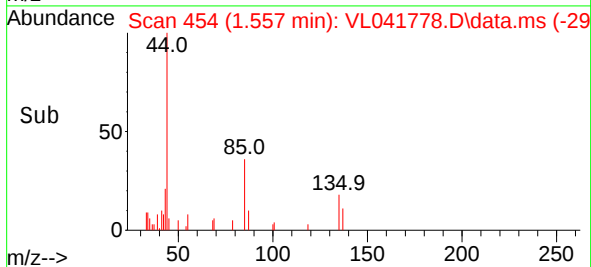
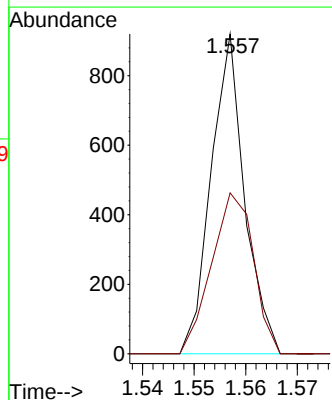
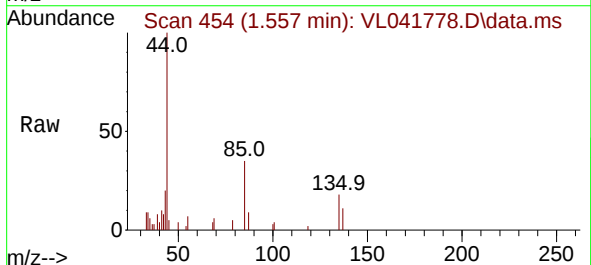
Instrument :
MSVOA_L
ClientSampleId :

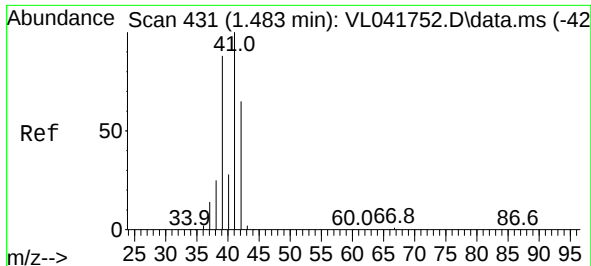
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.046 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion: 85 Resp: 415
Ion Ratio Lower Upper
85 100
135 63.1 51.9 77.9





#9

Propene

Concen: 0.120 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

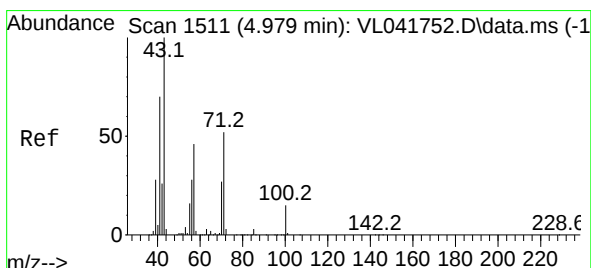
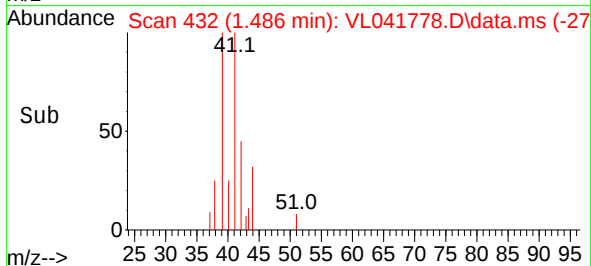
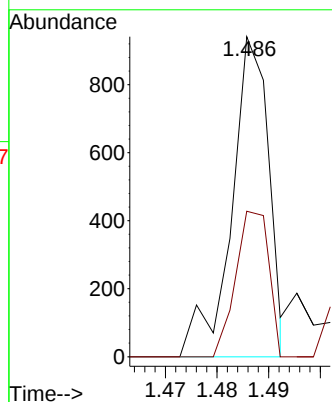
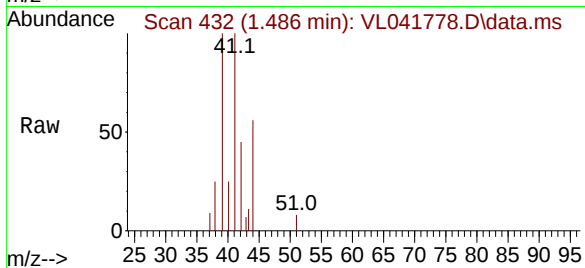
ClientSampleId :

Tgt Ion: 41 Resp: 474

Ion Ratio Lower Upper

41 100

42 40.1 52.4 78.6#



#10

Heptane

Concen: 0.012 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL041778.D

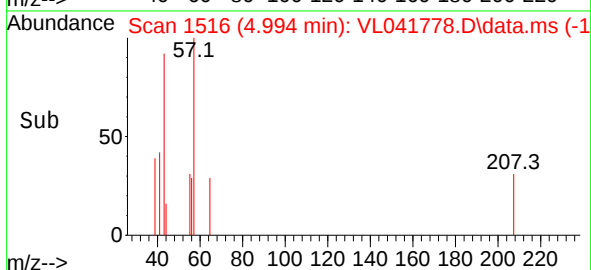
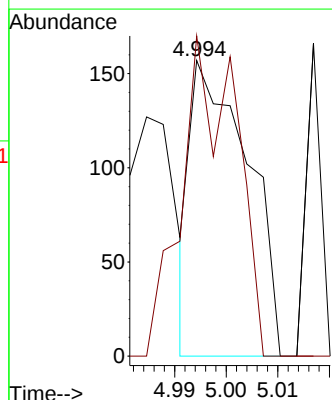
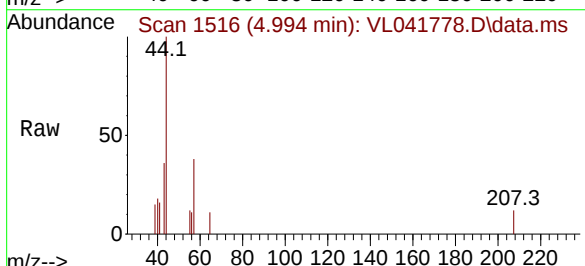
Acq: 17 Dec 2024 14:44

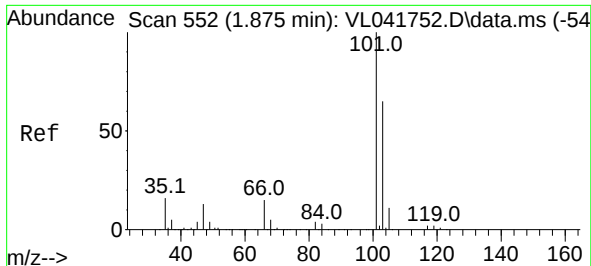
Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

57 103.3 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.039 ppbv

RT: 2.146 min Scan# 61

Delta R.T. 0.271 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

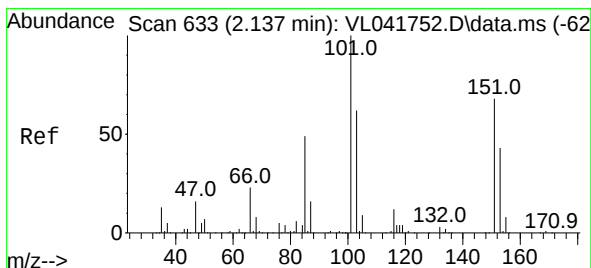
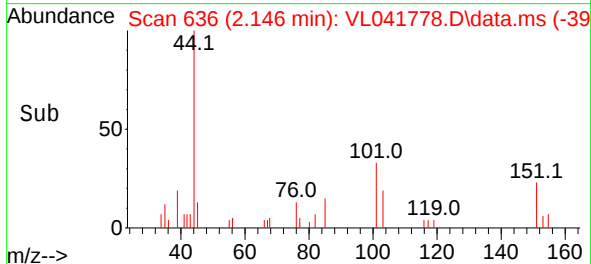
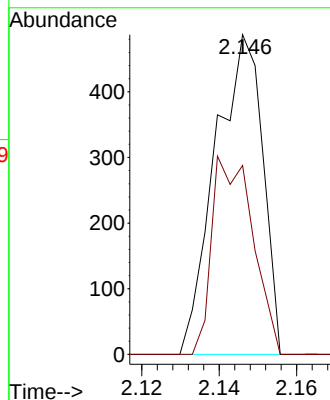
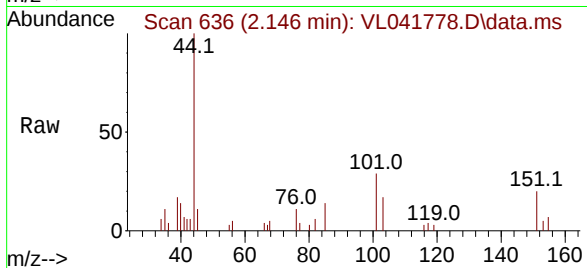
ClientSampleId :

Tgt Ion:101 Resp: 413

Ion Ratio Lower Upper

101 100

103 59.1 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.051 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.009 min

Lab File: VL041778.D

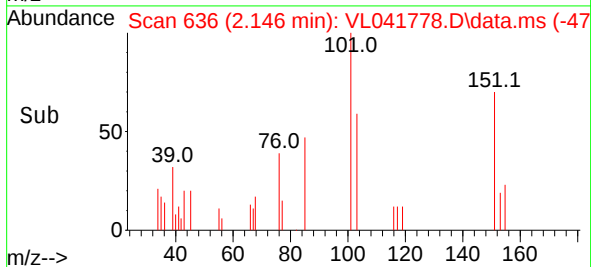
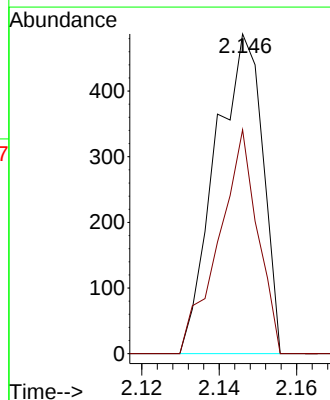
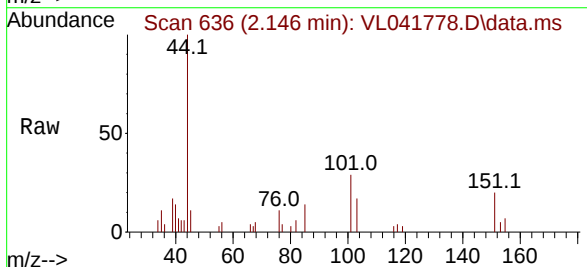
Acq: 17 Dec 2024 14:44

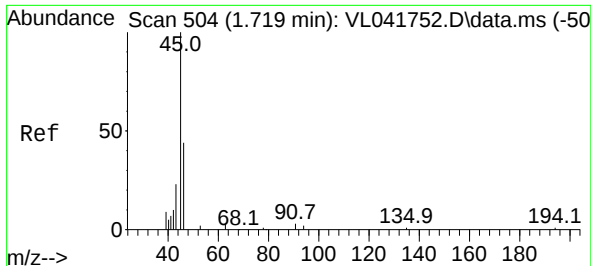
Tgt Ion:101 Resp: 413

Ion Ratio Lower Upper

101 100

151 57.6 56.8 85.2





#13

Ethanol

Concen: 1.283 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

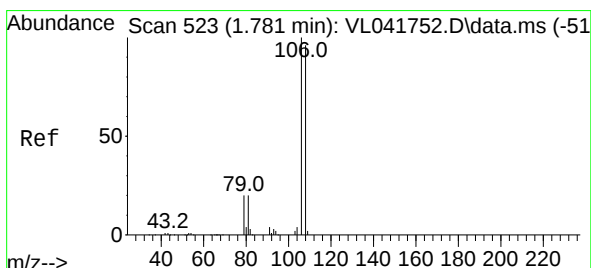
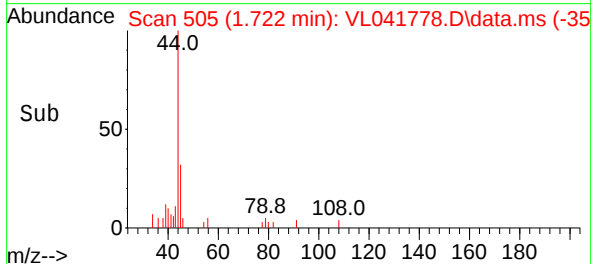
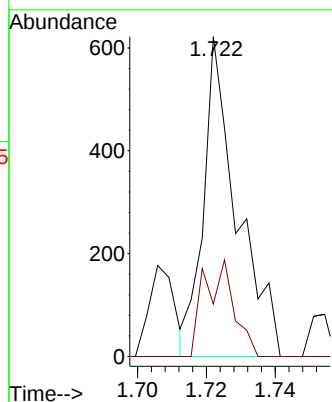
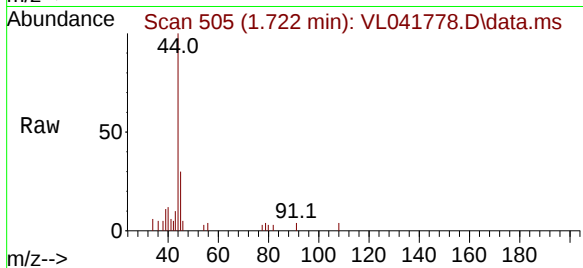
ClientSampleId :

Tgt Ion: 45 Resp: 421

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.026 ppbv

RT: 1.787 min Scan# 525

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

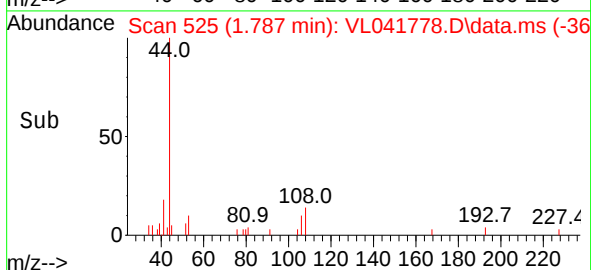
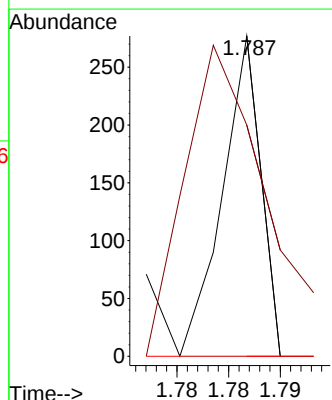
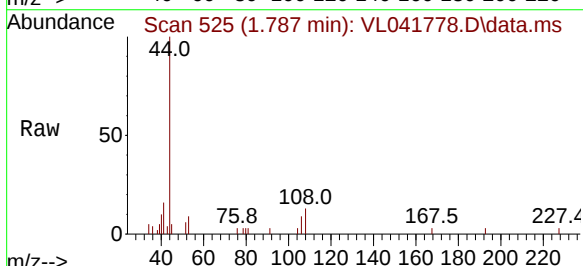
Tgt Ion: 108 Resp: 71

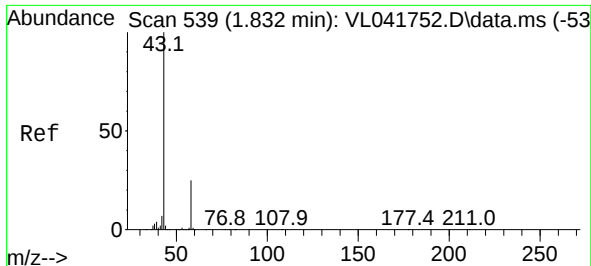
Ion Ratio Lower Upper

108 100

106 207.0 84.1 126.1#

79 81.7 17.4 26.0#

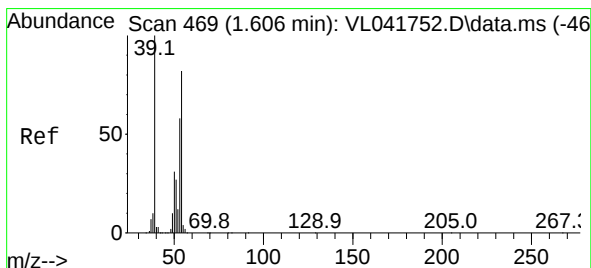
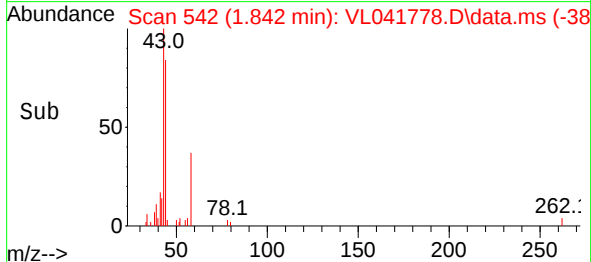
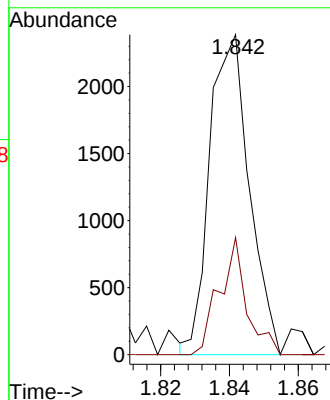
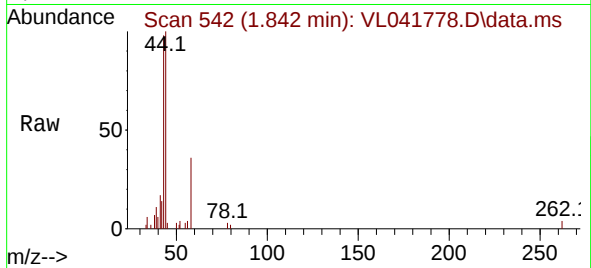




#15
Acetone
Concen: 0.175 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.009 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

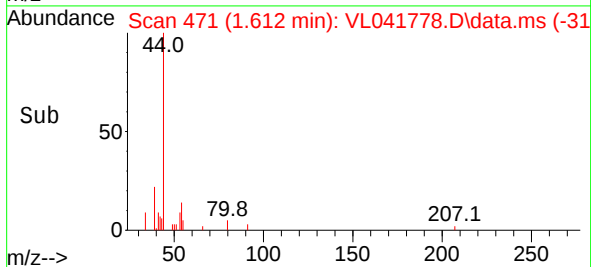
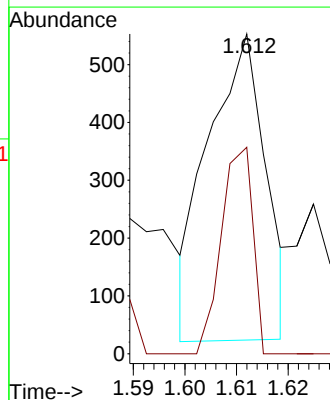
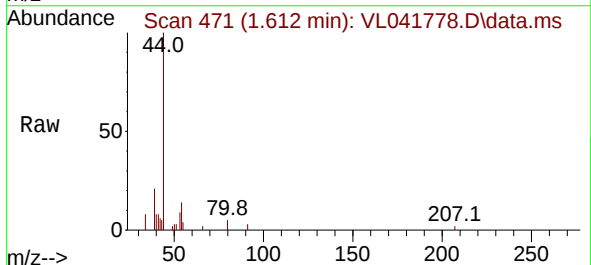
Instrument :
MSVOA_L
ClientSampleId :

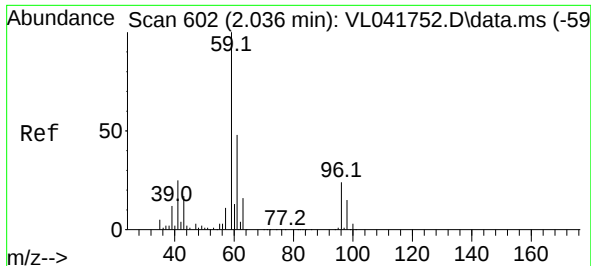
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 25.3 19.7 29.5



#16
1,3-Butadiene
Concen: 0.095 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion: 39 Resp: 409
Ion Ratio Lower Upper
39 100
54 41.6 58.4 87.6#





#17

tert-Butyl alcohol

Concen: 0.040 ppbv

RT: 2.046 min Scan# 602

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

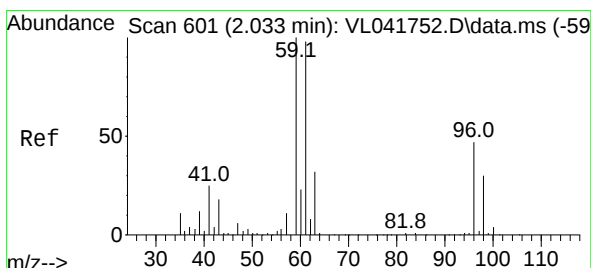
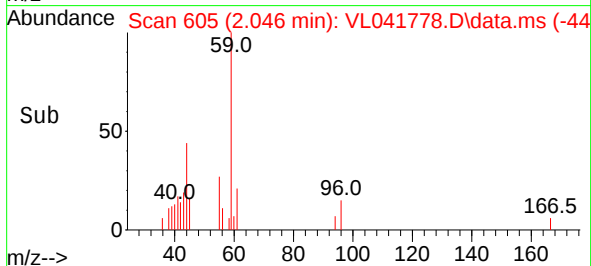
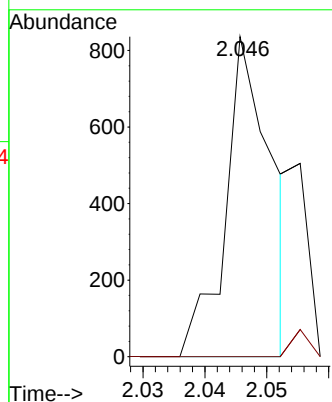
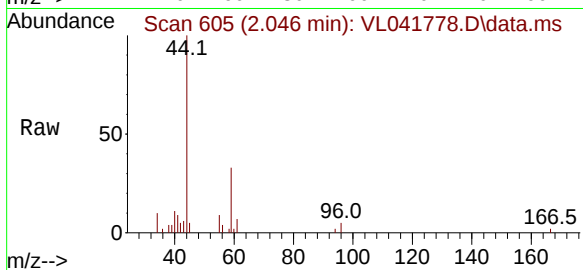
ClientSampleId :

Tgt Ion: 59 Resp: 433

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#18

1,1-Dichloroethene

Concen: 0.027 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

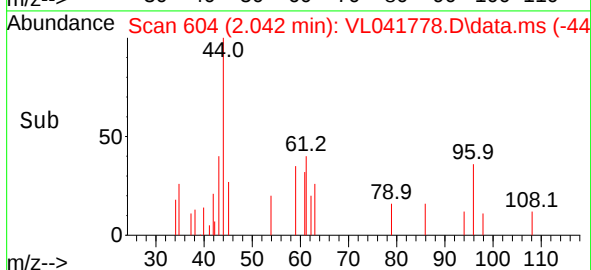
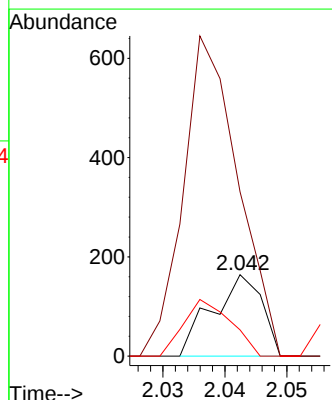
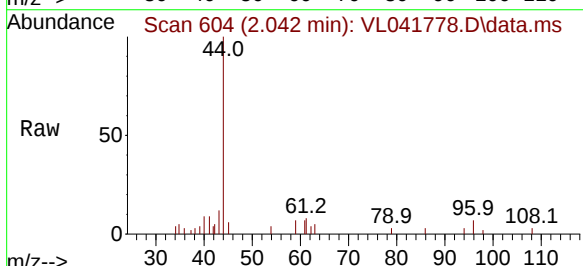
Tgt Ion: 96 Resp: 91

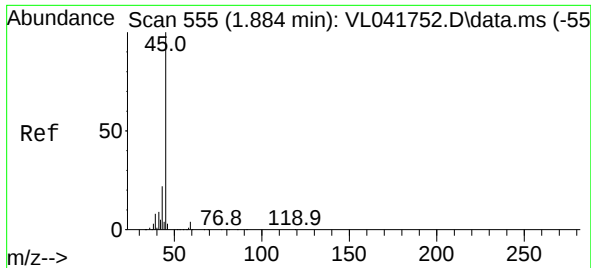
Ion Ratio Lower Upper

96 100

61 201.8 167.7 251.5

98 32.3 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.280 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

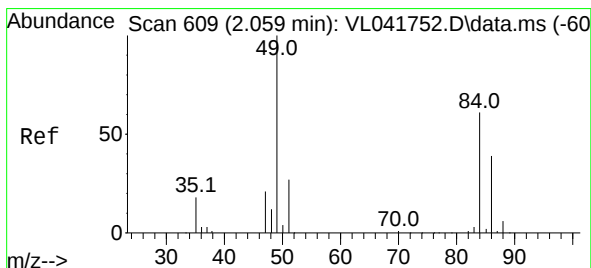
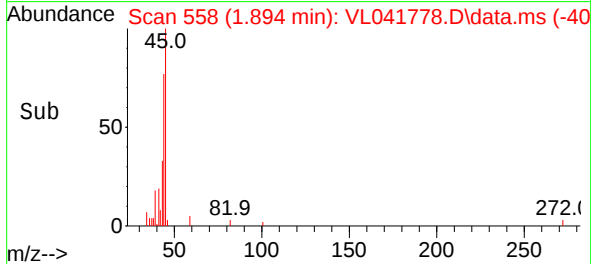
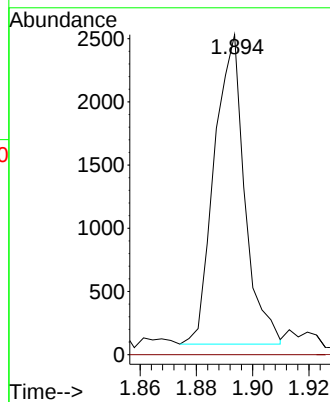
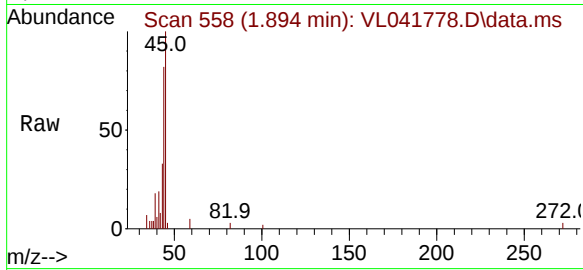
ClientSampleId :

Tgt Ion: 45 Resp: 1834

Ion Ratio Lower Upper

45 100

58 26.3 33.3 49.9#



#20

Methylene Chloride

Concen: 0.249 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion: 84 Resp: 776

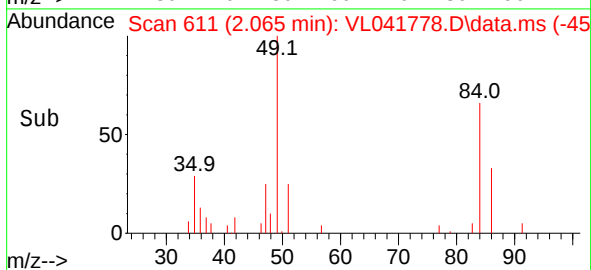
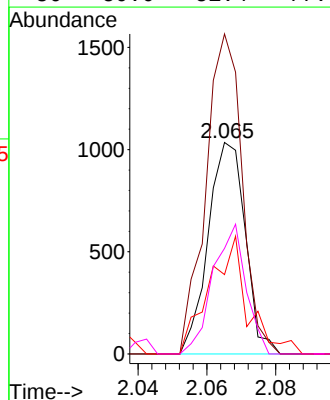
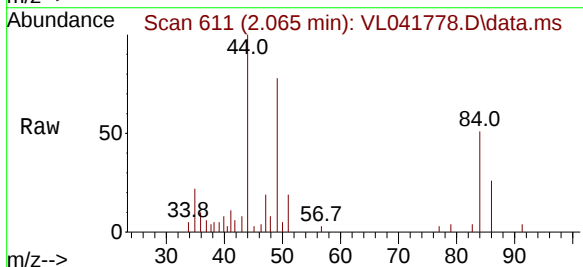
Ion Ratio Lower Upper

84 100

49 151.3 132.6 198.8

51 37.5 37.6 56.4#

86 50.0 51.4 77.0#





#21

Allyl Chloride

Concen: 0.035 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

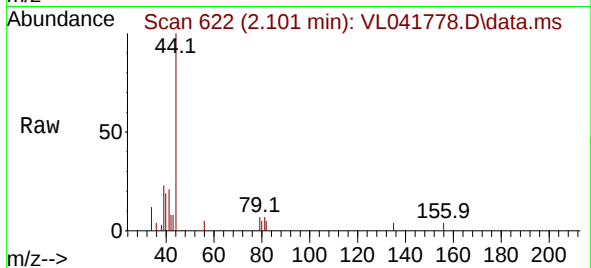
Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

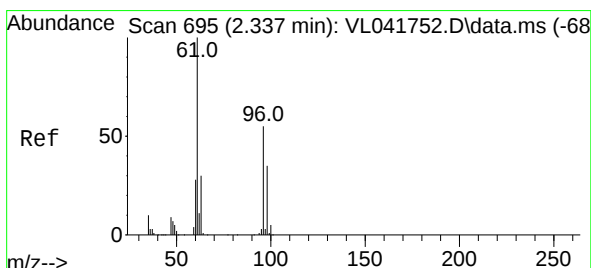
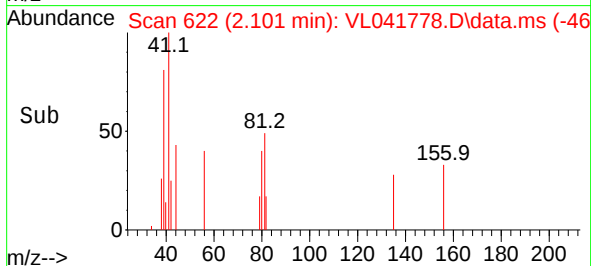
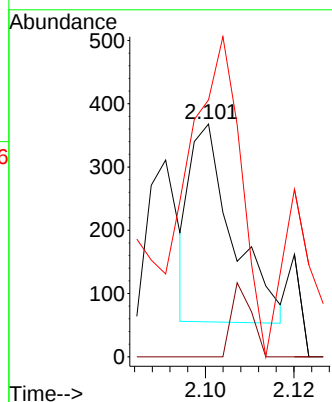
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	208
Ion Ratio	Lower	Upper	
41	100		
76	0.0	22.3	33.5#
39	327.4	69.2	103.8#



#22

trans-1,2-Dichloroethene

Concen: 0.020 ppbv

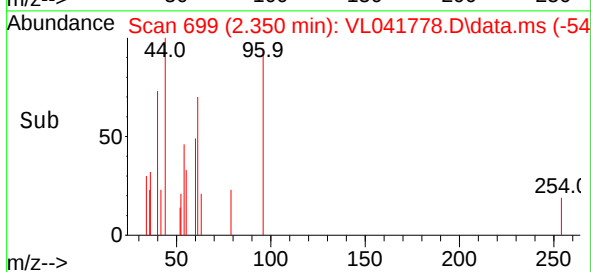
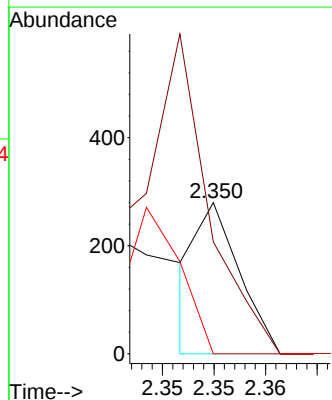
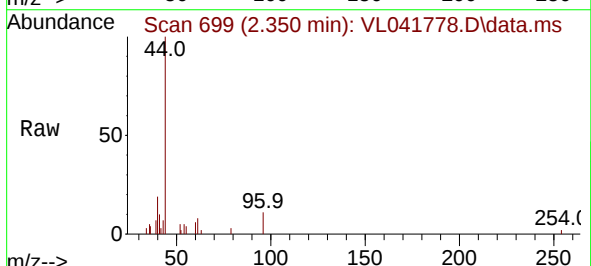
RT: 2.350 min Scan# 699

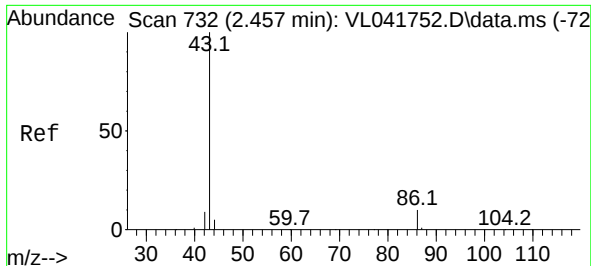
Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

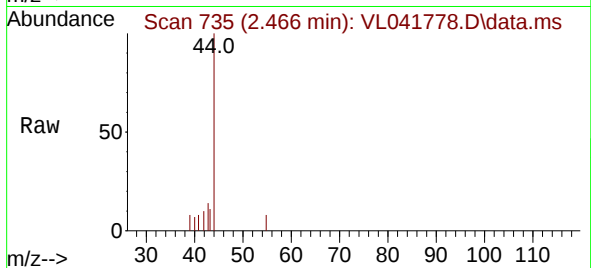
Tgt Ion:	96	Resp:	77
Ion Ratio	Lower	Upper	
96	100		
61	73.9	146.3	219.5#
98	0.0	50.8	76.2#



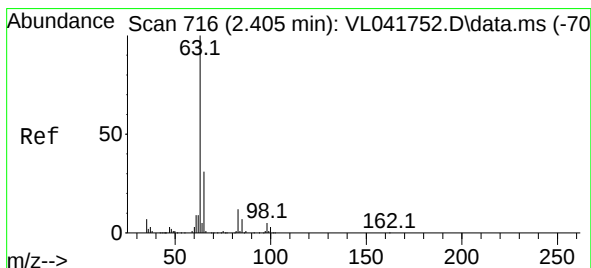
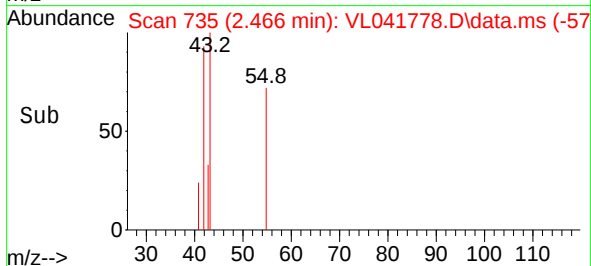
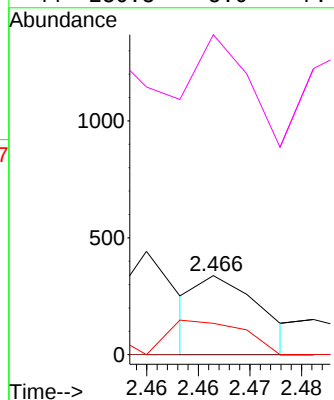


#23
 Vinyl Acetate
 Concen: 0.028 ppbv
 RT: 2.466 min Scan# 714
 Delta R.T. 0.009 min
 Lab File: VL041778.D
 Acq: 17 Dec 2024 14:44

Instrument :
 MSVOA_L
 ClientSampleId :

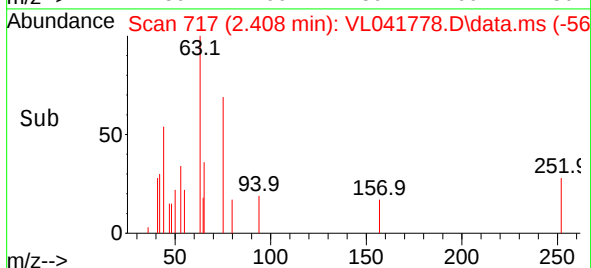
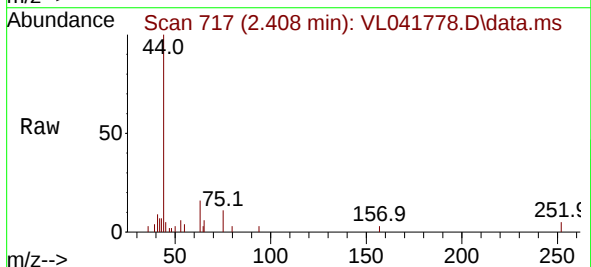
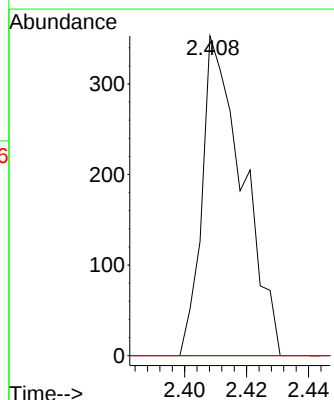


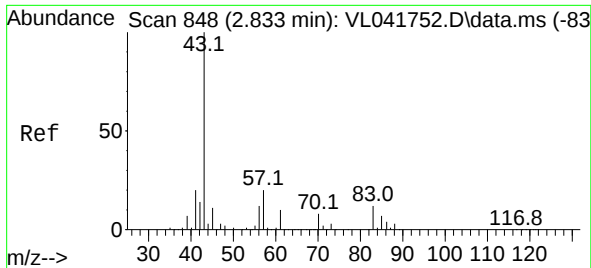
Tgt Ion: 43	Resp:	142
Ion Ratio	Lower	Upper
43	100	
86	0.0	6.6 10.0#
42	160.8	8.2 12.2#
44	236.3	5.0 7.4#



#24
 1,1-Dichloroethane
 Concen: 0.041 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041778.D
 Acq: 17 Dec 2024 14:44

Tgt Ion: 63	Resp:	321
Ion Ratio	Lower	Upper
63	100	
98	0.0	2.3 6.8#
100	0.0	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.025 ppbv

RT: 2.852 min Scan# 848

Delta R.T. 0.019 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 512

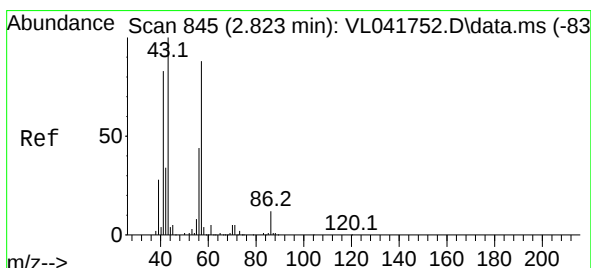
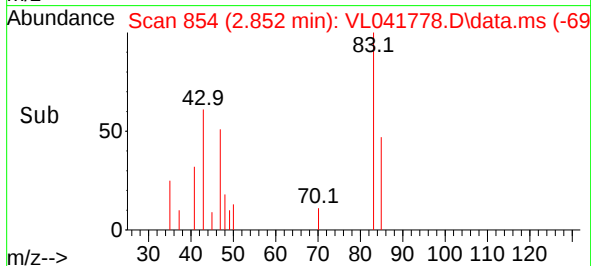
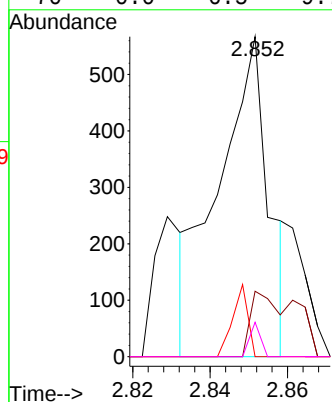
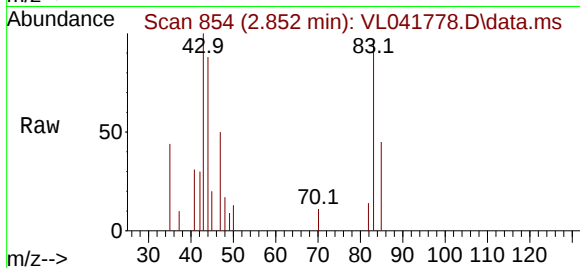
Ion Ratio Lower Upper

43 100

45 18.2 8.1 12.1#

61 6.8 7.0 10.6#

70 0.0 6.5 9.7#



#26

Hexane

Concen: 0.030 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion: 57 Resp: 229

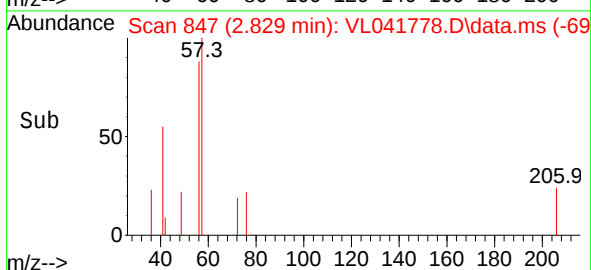
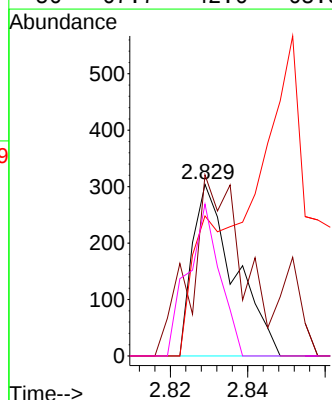
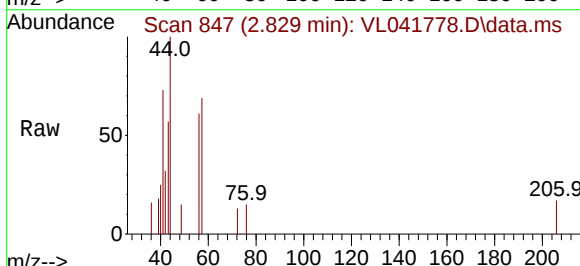
Ion Ratio Lower Upper

57 100

41 160.7 79.6 119.4#

43 319.7 211.0 316.6#

56 67.7 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.020 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.006 min

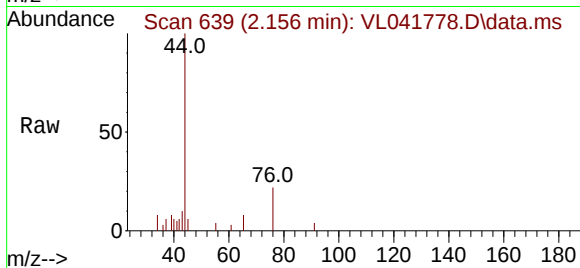
Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

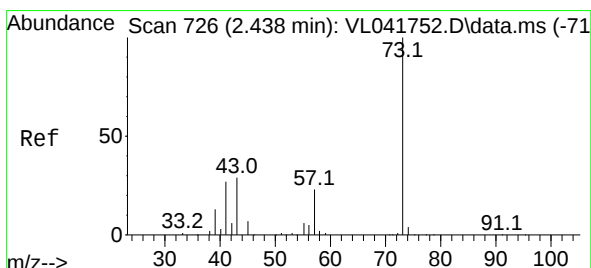
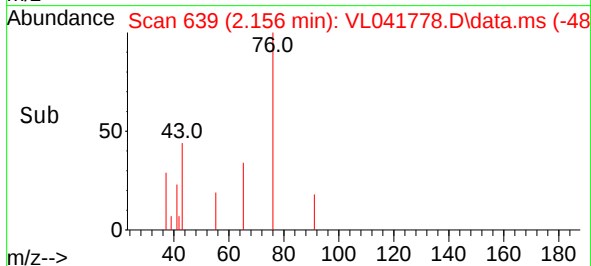
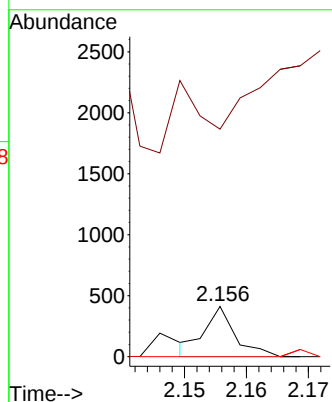
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 140
Ion Ratio	Lower Upper
76	100
44	3336.4 17.6 26.4#
78	7.9 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.020 ppbv

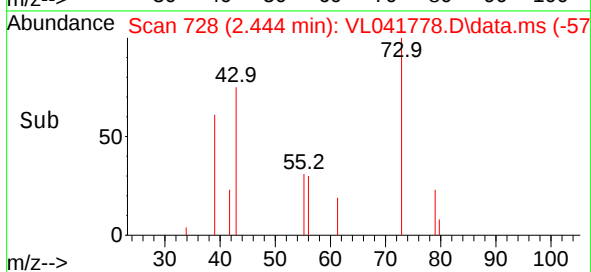
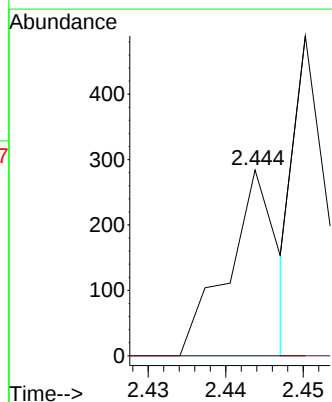
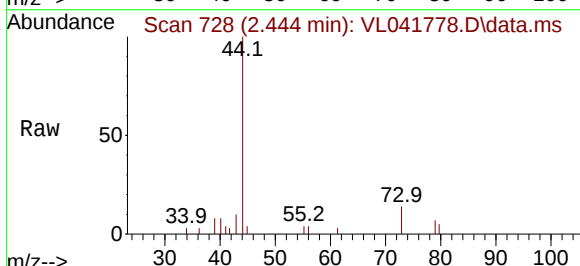
RT: 2.444 min Scan# 728

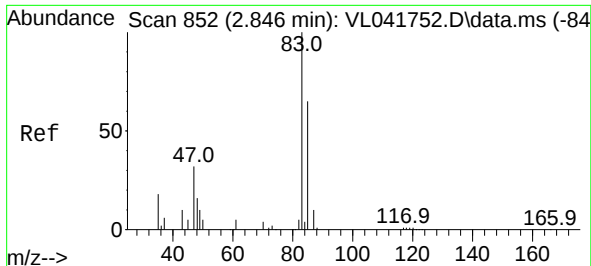
Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion: 73	Resp: 126
Ion Ratio	Lower Upper
73	100
57	0.0 17.6 26.4#





#29

Chloroform

Concen: 0.060 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

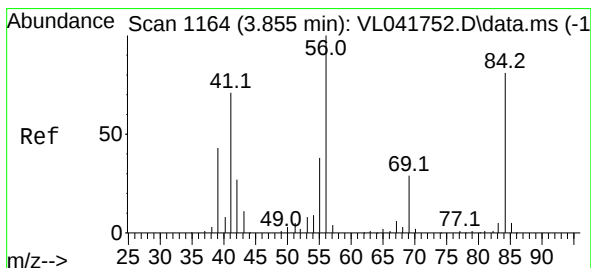
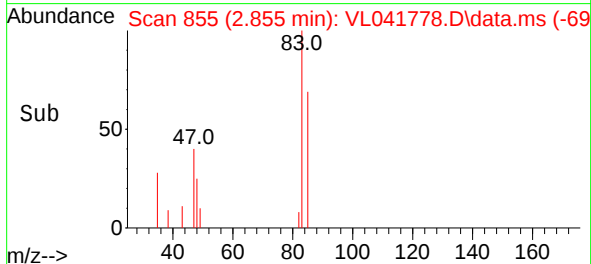
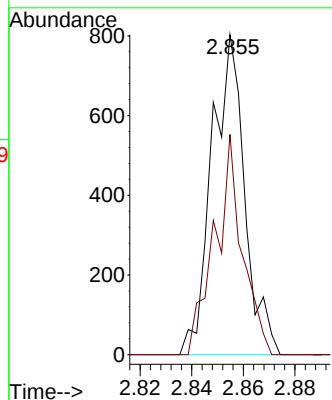
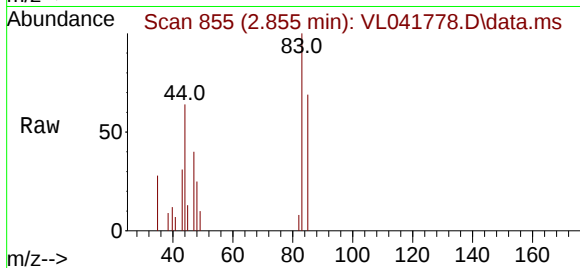
ClientSampleId :

Tgt Ion: 83 Resp: 710

Ion Ratio Lower Upper

83 100

85 68.9 51.8 77.6



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

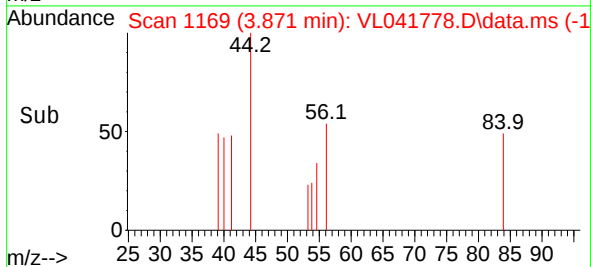
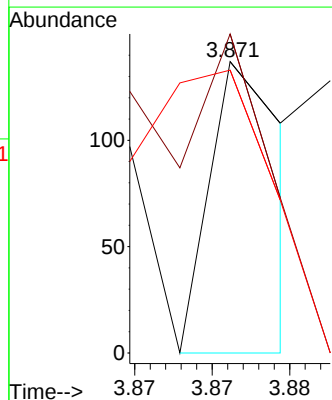
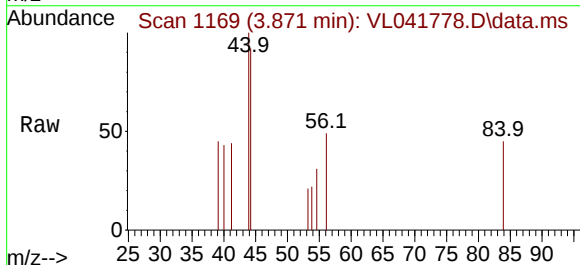
Tgt Ion: 84 Resp: 48

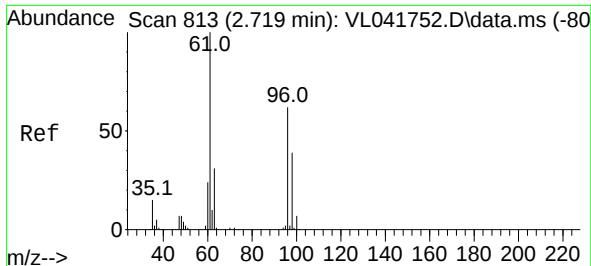
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 275.0 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.037 ppbv

RT: 2.725 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

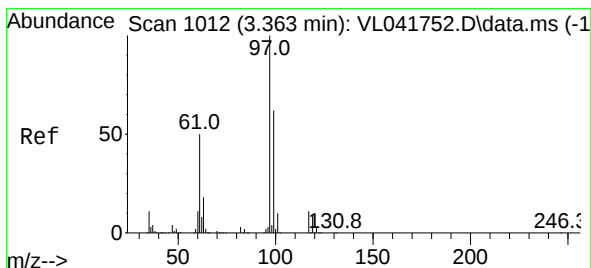
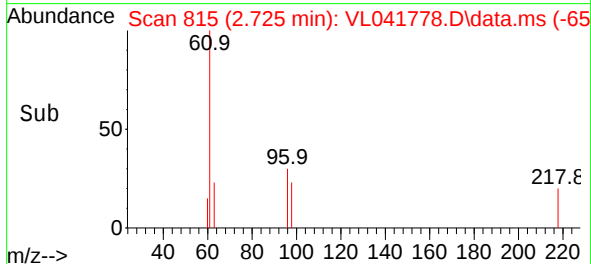
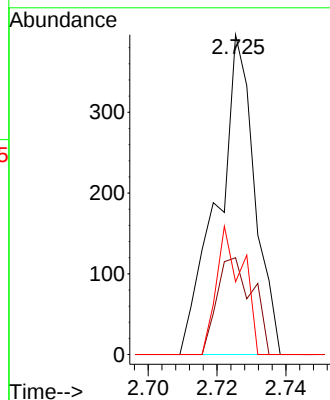
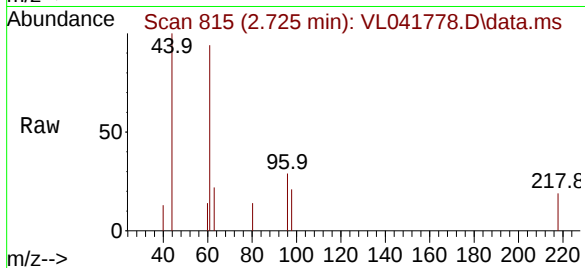
Tgt Ion: 61 Resp: 296

Ion Ratio Lower Upper

61 100

96 30.3 49.7 74.5#

98 22.7 30.8 46.2#



#32

1,1,1-Trichloroethane

Concen: 0.020 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

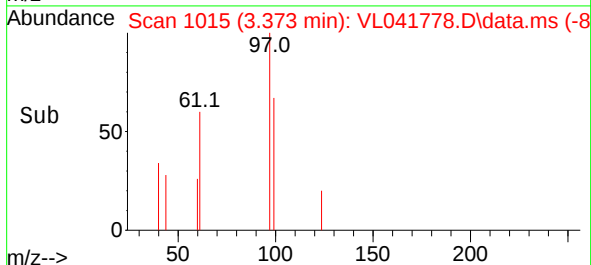
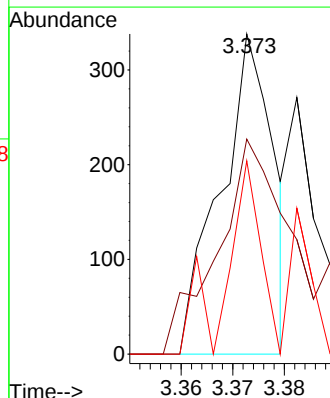
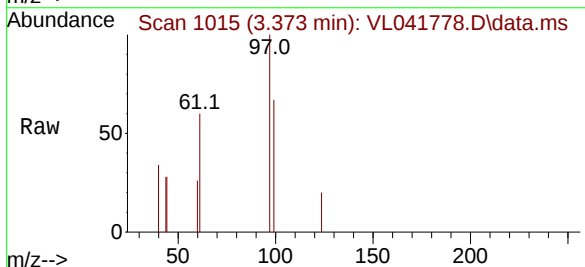
Tgt Ion: 97 Resp: 242

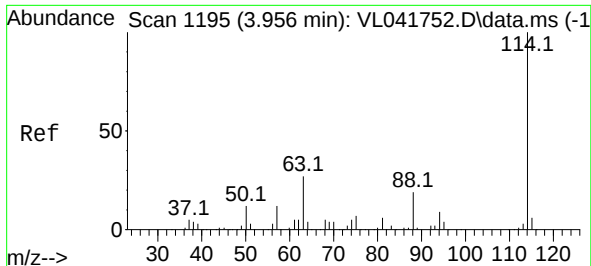
Ion Ratio Lower Upper

97 100

99 96.3 51.0 76.4#

61 57.9 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

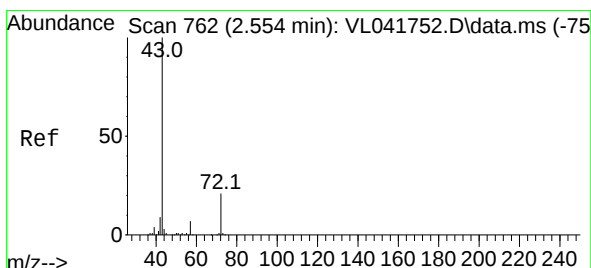
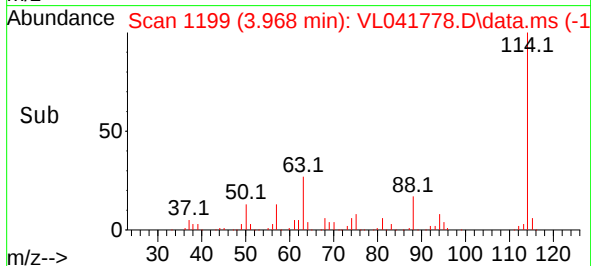
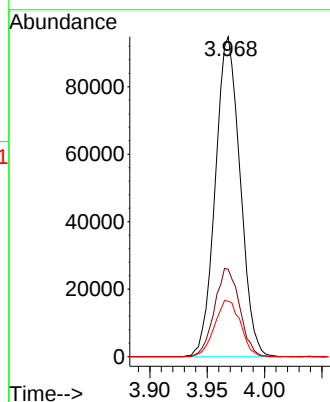
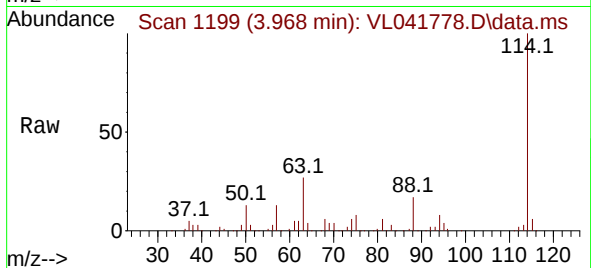
Tgt Ion:114 Resp: 142681

Ion Ratio Lower Upper

114 100

63 28.0 21.8 32.8

88 18.3 14.8 22.2



#34

2-Butanone

Concen: 0.053 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.019 min

Lab File: VL041778.D

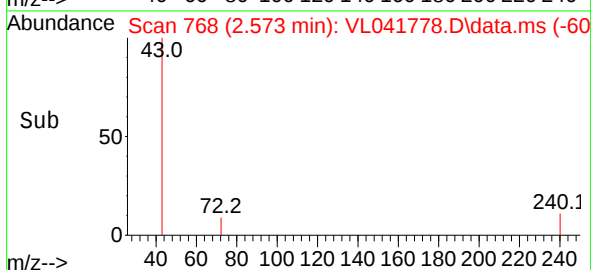
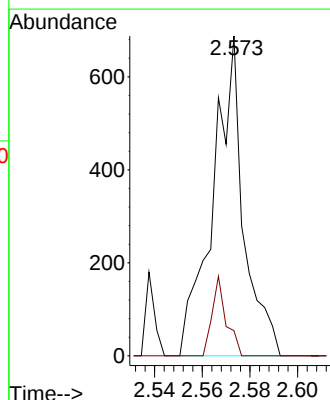
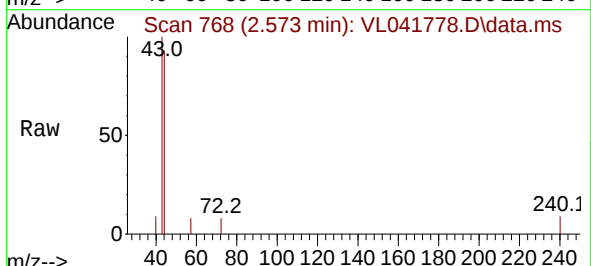
Acq: 17 Dec 2024 14:44

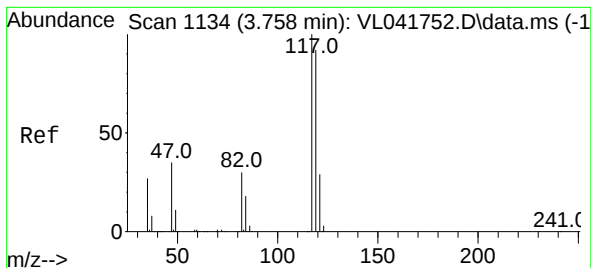
Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

72 11.4 16.8 25.2#





#35

Carbon Tetrachloride

Concen: 0.027 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

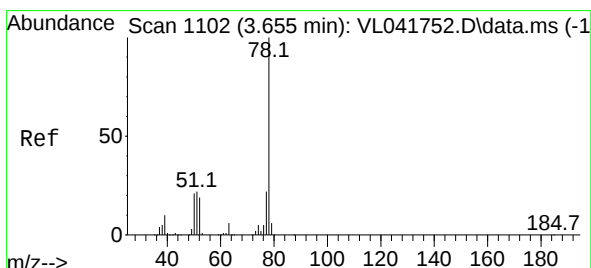
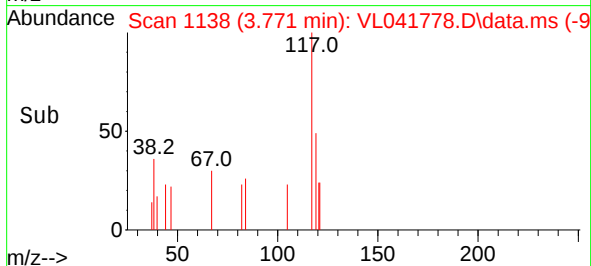
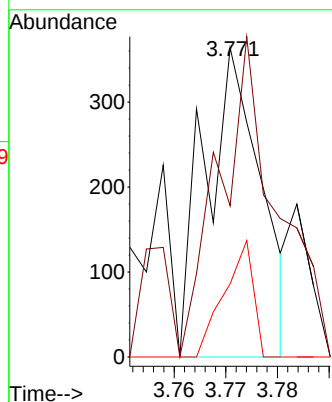
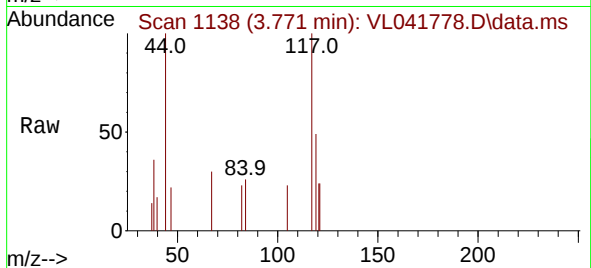
Tgt Ion:117 Resp: 274

Ion Ratio Lower Upper

117 100

119 48.9 73.7 110.5#

121 23.6 23.0 34.4



#36

Benzene

Concen: 0.042 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

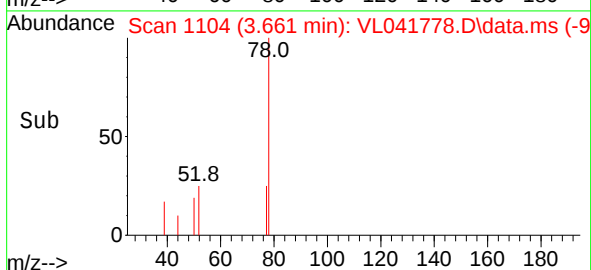
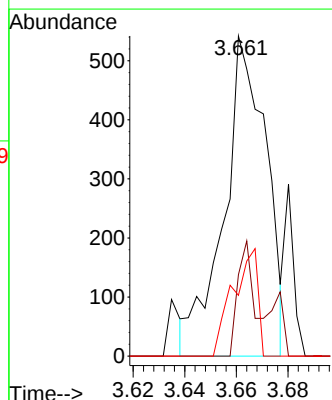
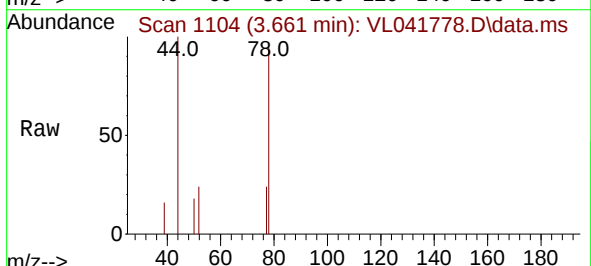
Tgt Ion: 78 Resp: 614

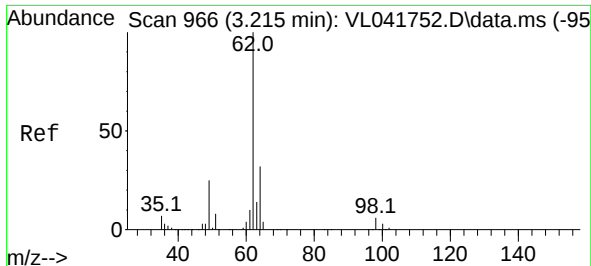
Ion Ratio Lower Upper

78 100

77 28.8 17.8 26.6#

50 21.5 17.2 25.8

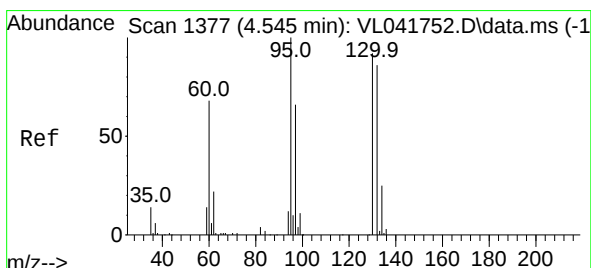
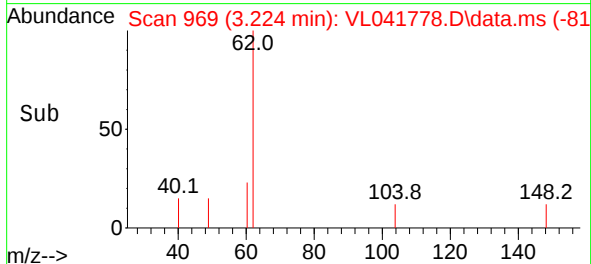
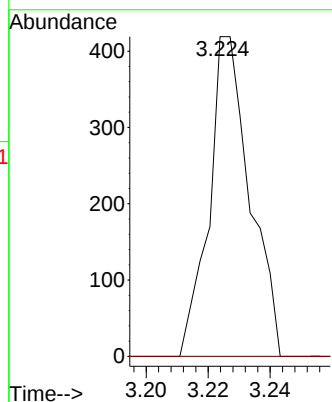
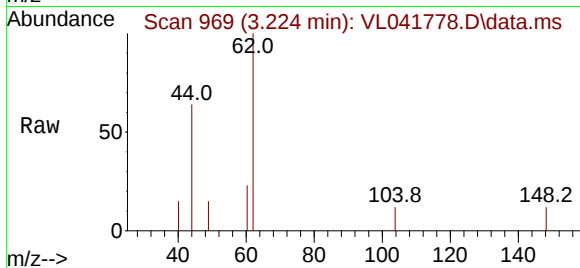




#37
1,2-Dichloroethane
Concen: 0.042 ppbv
RT: 3.224 min Scan# 91
Delta R.T. 0.009 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

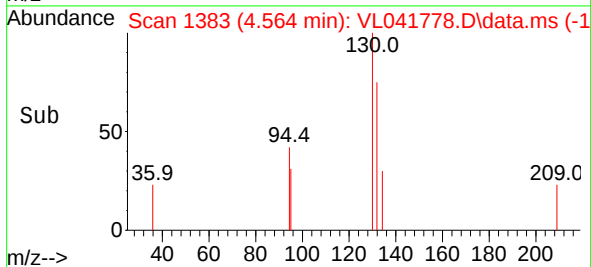
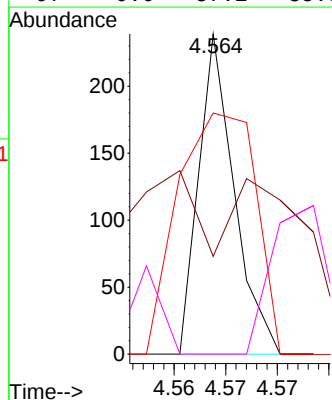
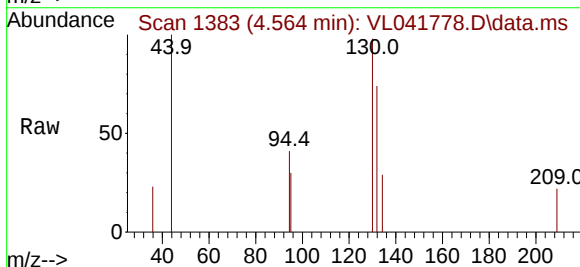
Instrument :
MSVOA_L
ClientSampleId :

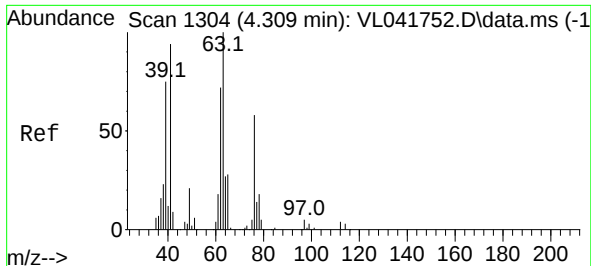
Tgt Ion: 62 Resp: 384
Ion Ratio Lower Upper
62 100
98 2.6 4.7 7.1#



#38
Trichloroethene
Concen: 0.009 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.019 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion:130 Resp: 57
Ion Ratio Lower Upper
130 100
95 0.0 87.0 130.6#
132 75.3 75.0 112.6
97 0.0 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 7.464 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.344 min

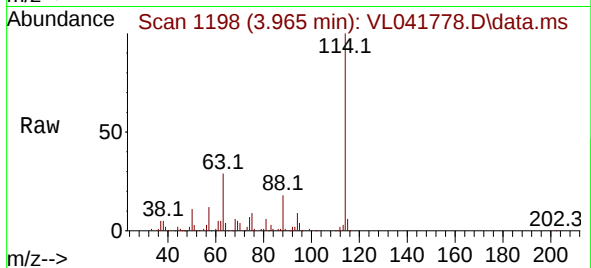
Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

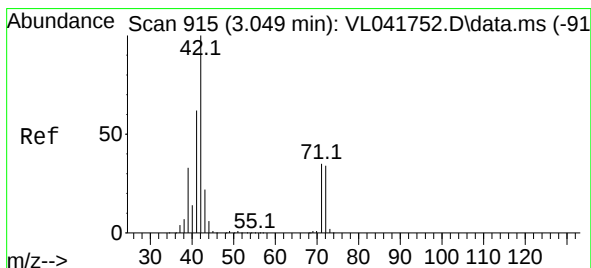
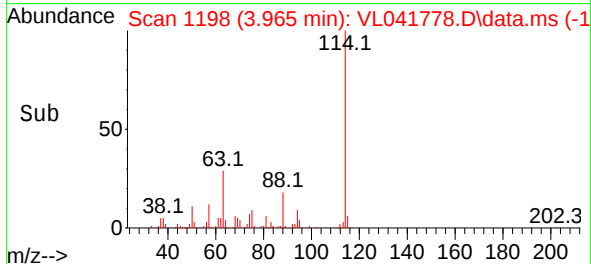
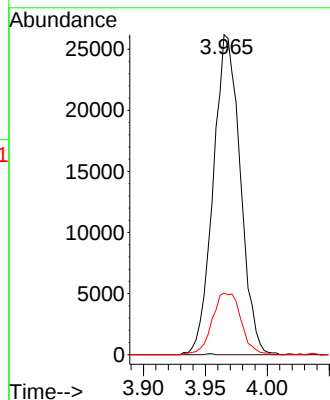
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	63	Resp:	39842
Ion Ratio	Lower	Upper	
63	100		
41	0.0	75.3	112.9#
62	19.3	57.3	85.9#



#41

Tetrahydrofuran

Concen: 0.022 ppbv

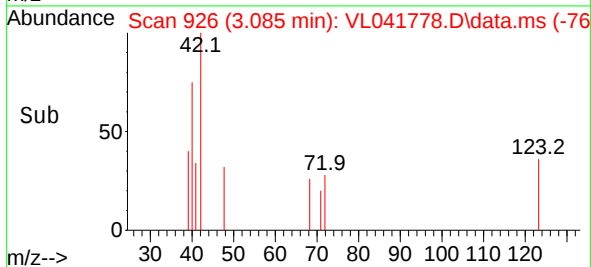
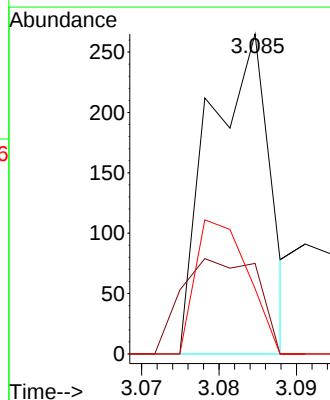
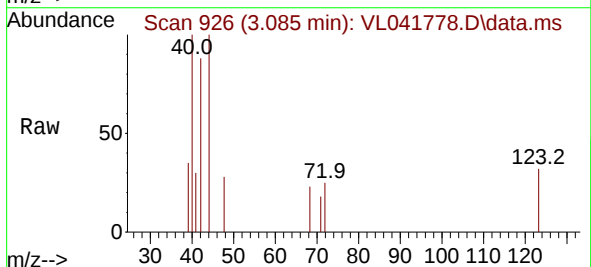
RT: 3.085 min Scan# 926

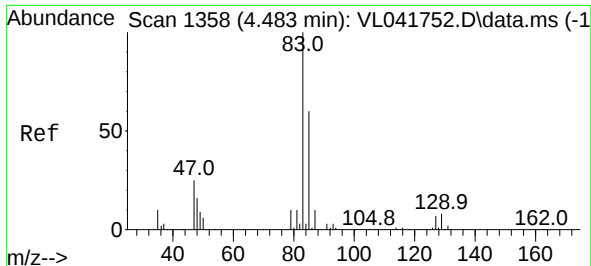
Delta R.T. 0.035 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion:	42	Resp:	144
Ion Ratio	Lower	Upper	
42	100		
72	37.5	29.1	43.7
71	36.1	28.4	42.6





#42

Bromodichloromethane

Concen: 0.013 ppbv

RT: 4.502 min Scan# 1485

Delta R.T. 0.019 min

Lab File: VL041778.D

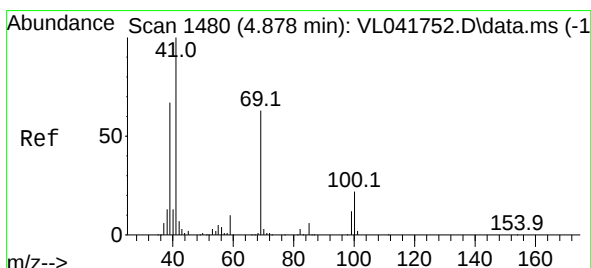
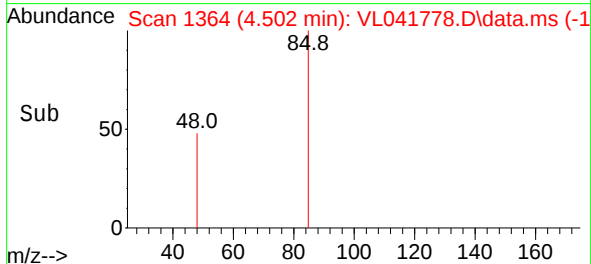
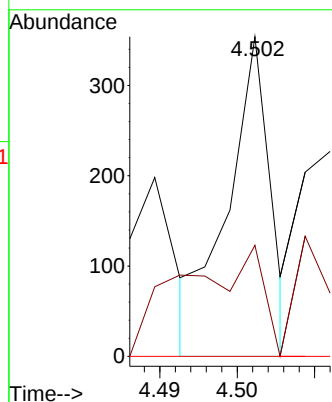
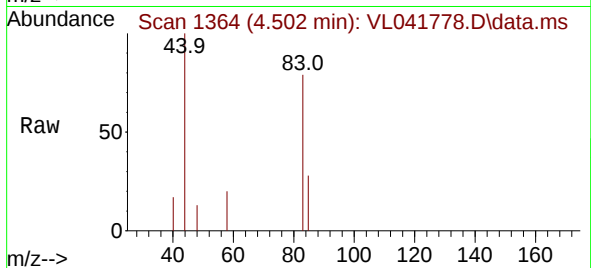
Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83	Resp:	137
Ion Ratio	Lower	Upper
83	100	
85	46.1	48.0 72.0#
127	0.0	5.8 8.8#



#43

Methyl Methacrylate

Concen: 0.007 ppbv

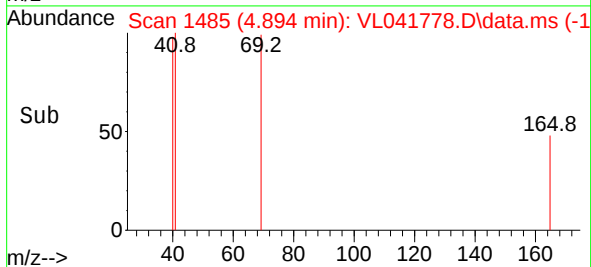
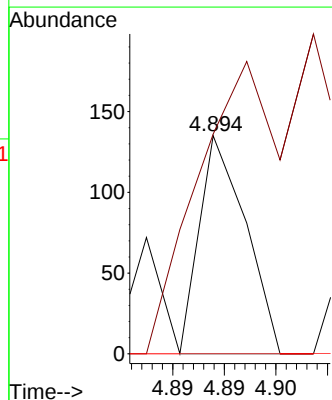
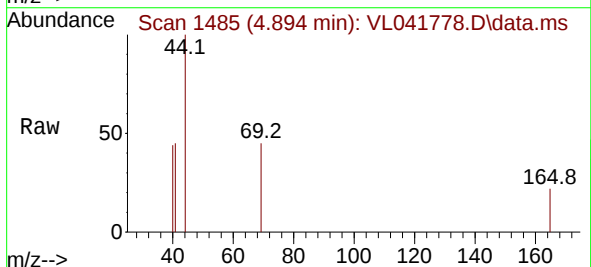
RT: 4.894 min Scan# 1485

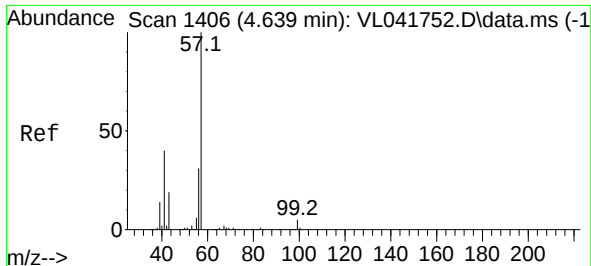
Delta R.T. 0.016 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion: 69	Resp:	42
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: 0.007 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.009 min

Lab File: VL041778.D

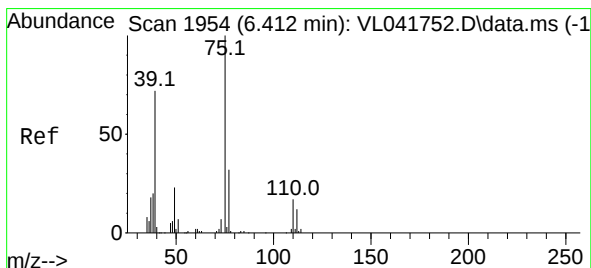
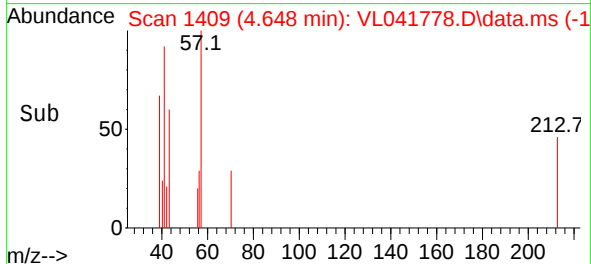
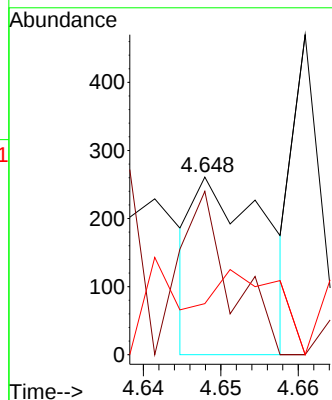
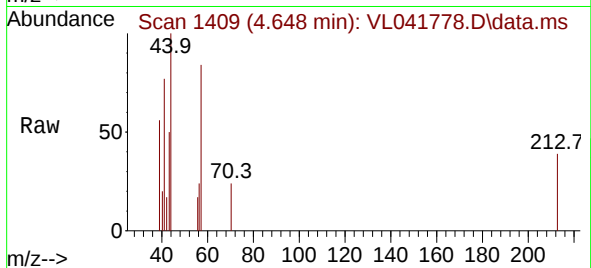
Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	57	Resp:	166
Ion	Ratio	Lower	Upper
57	100		
41	0.0	30.7	46.1#
56	0.0	25.4	38.0#



#45

t-1,3-Dichloropropene

Concen: 0.005 ppbv

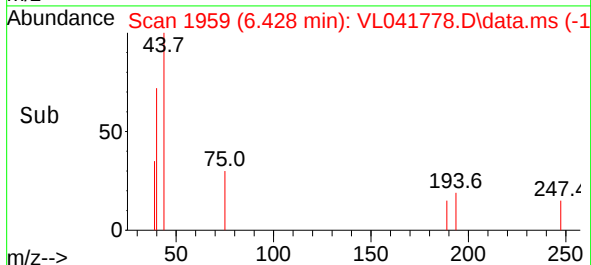
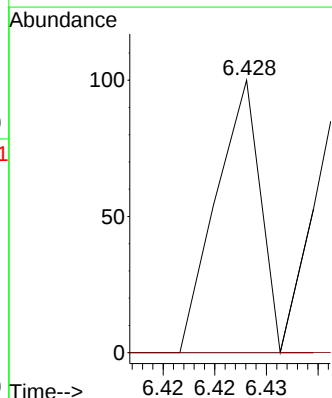
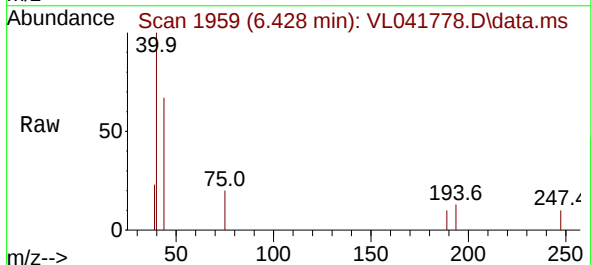
RT: 6.428 min Scan# 1959

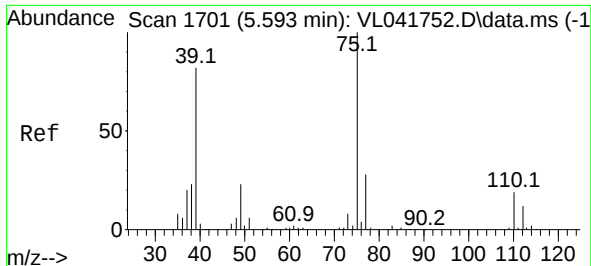
Delta R.T. 0.016 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

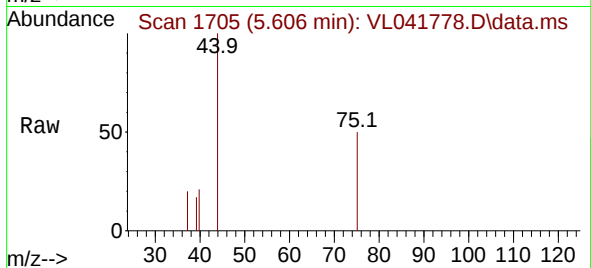
Tgt Ion:	75	Resp:	30
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.9	38.9#



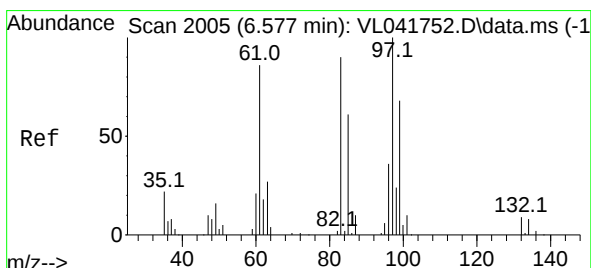
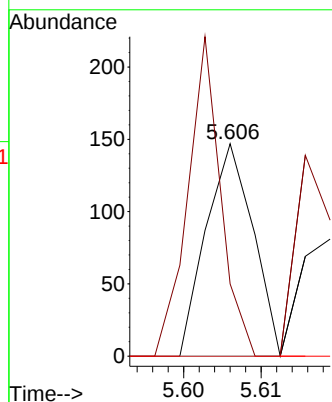
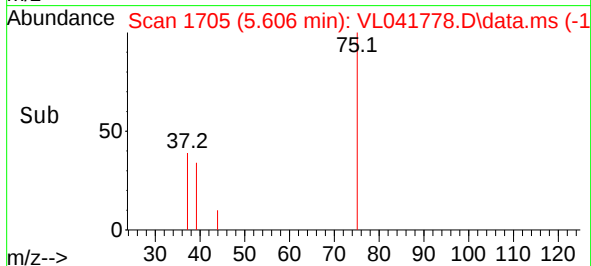


#46
 cis-1,3-Dichloropropene
 Concen: 0.008 ppbv
 RT: 5.606 min Scan# 1
 Delta R.T. 0.013 min
 Lab File: VL041778.D
 Acq: 17 Dec 2024 14:44

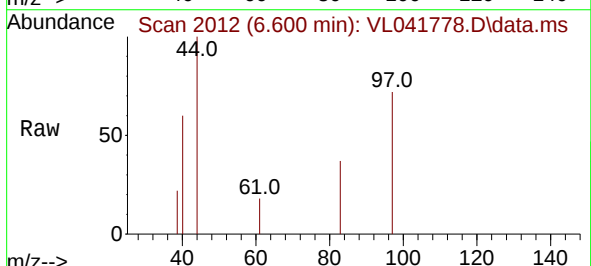
Instrument :
 MSVOA_L
 ClientSampleId :



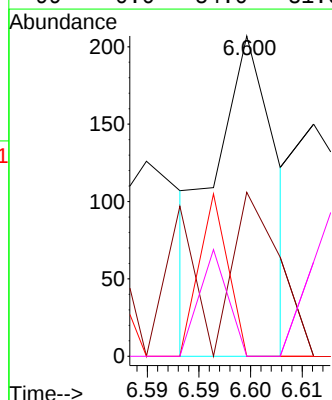
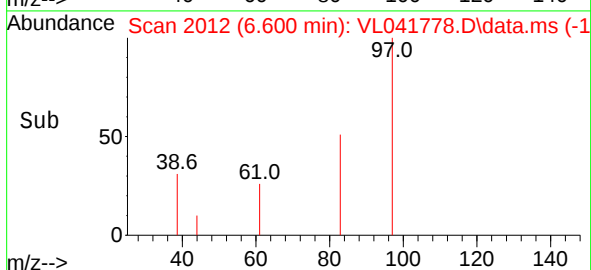
Tgt Ion: 75 Resp: 62
 Ion Ratio Lower Upper
 75 100
 39 34.0 65.2 97.8#
 77 0.0 22.0 33.0#

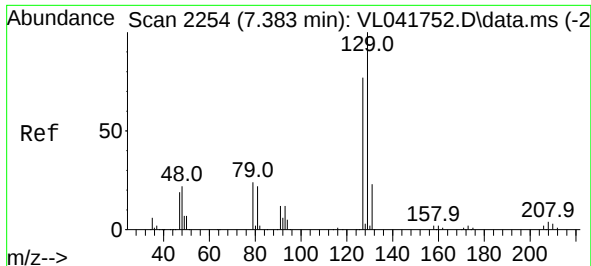


#47
 1,1,2-Trichloroethane
 Concen: 0.015 ppbv
 RT: 6.600 min Scan# 2012
 Delta R.T. 0.022 min
 Lab File: VL041778.D
 Acq: 17 Dec 2024 14:44



Tgt Ion: 97 Resp: 85
 Ion Ratio Lower Upper
 97 100
 83 42.0 72.3 108.5#
 85 0.0 48.5 72.7#
 99 0.0 54.0 81.0#





#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 7.406 min Scan# 21

Delta R.T. 0.022 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

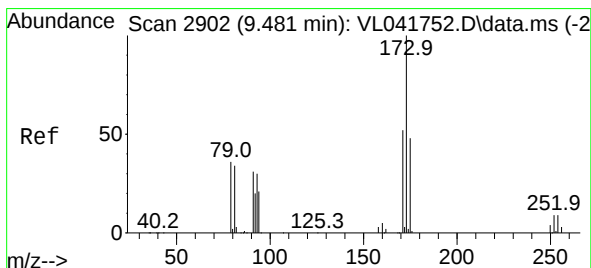
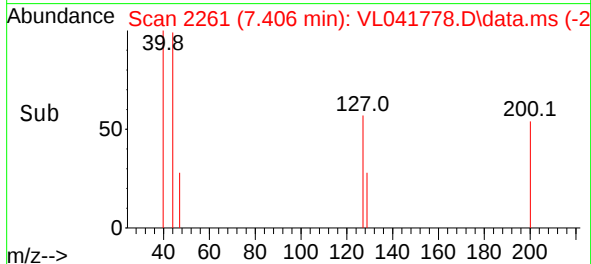
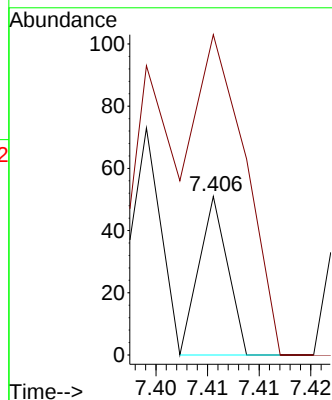
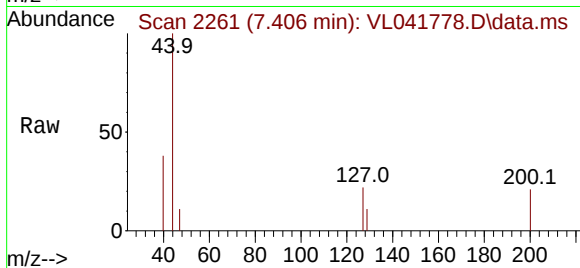
ClientSampleId :

Tgt Ion:129 Resp: 10

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.3#



#49

Bromoform

Concen: 0.022 ppbv

RT: 9.490 min Scan# 2905

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

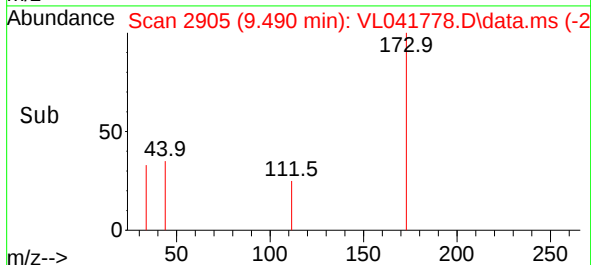
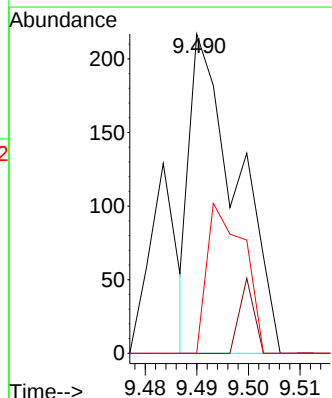
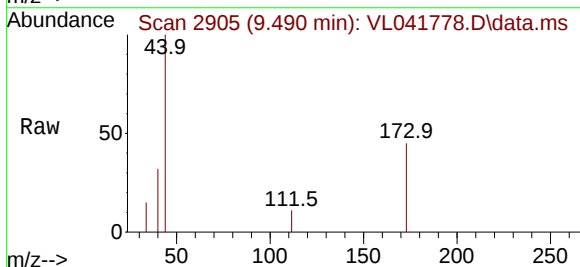
Tgt Ion:173 Resp: 136

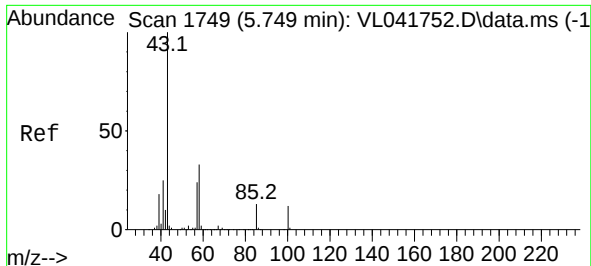
Ion Ratio Lower Upper

173 100

175 0.0 38.2 57.2#

171 36.8 41.1 61.7#





#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 5.781 min Scan# 11

Delta R.T. 0.032 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

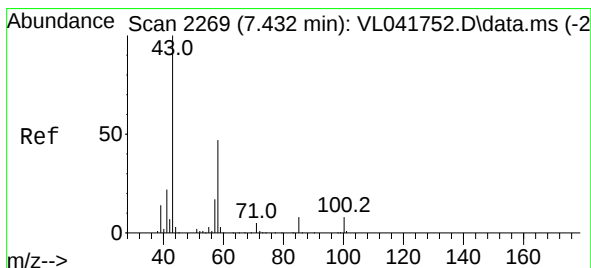
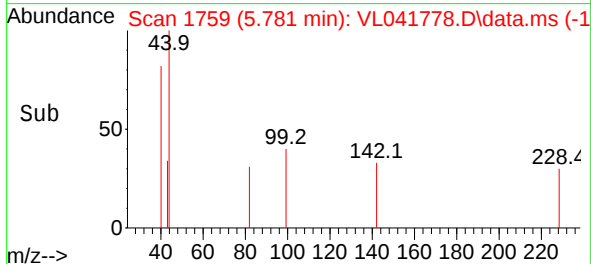
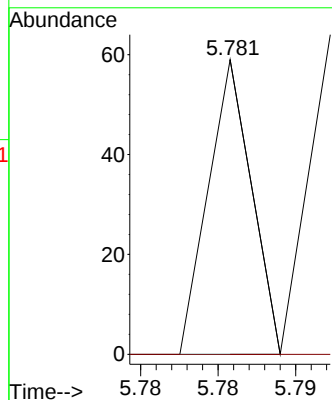
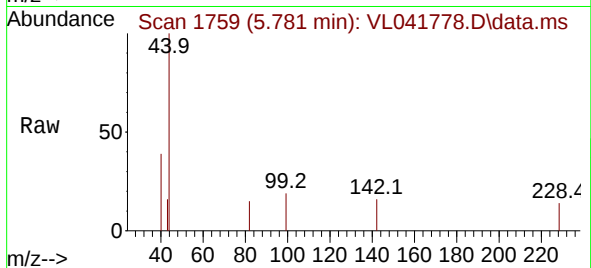
ClientSampleId :

Tgt Ion: 43 Resp: 11

Ion Ratio Lower Upper

43 100

58 0.0 26.8 40.2#



#51

2-Hexanone

Concen: 0.004 ppbv

RT: 7.454 min Scan# 2276

Delta R.T. 0.022 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

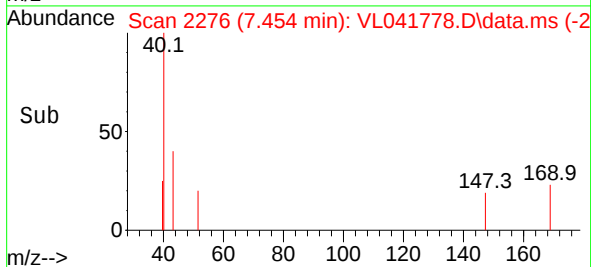
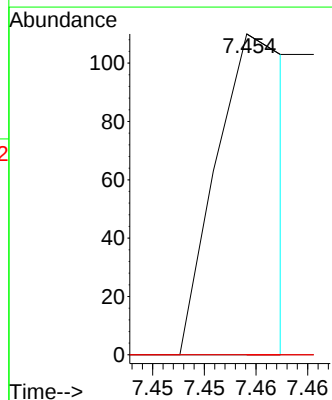
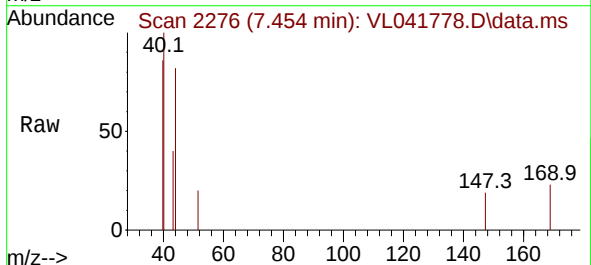
Tgt Ion: 43 Resp: 54

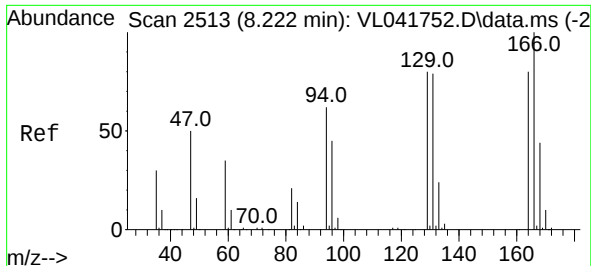
Ion Ratio Lower Upper

43 100

58 0.0 36.6 55.0#

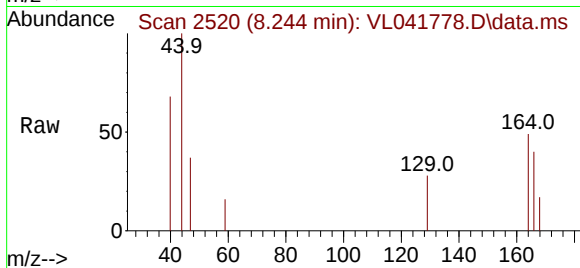
98 0.0 0.1 0.1#



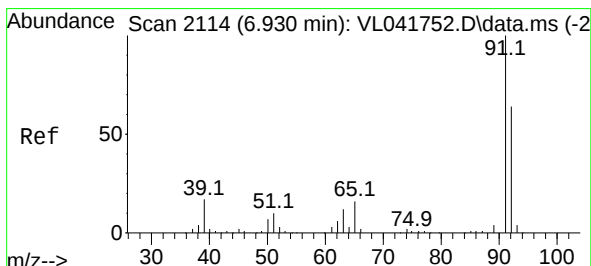
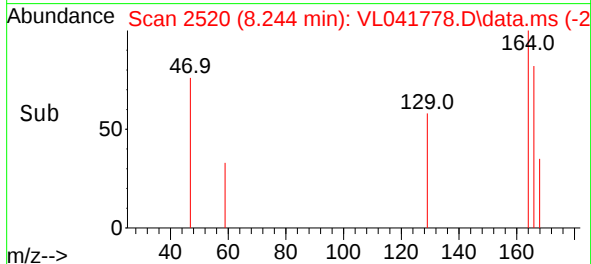
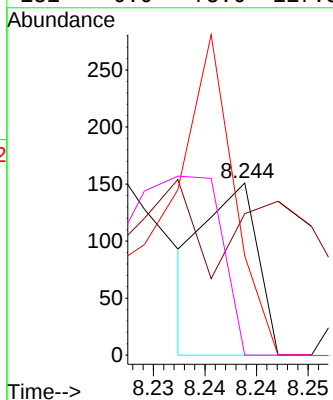


#52
Tetrachloroethene
Concen: 0.010 ppbv
RT: 8.244 min Scan# 2116
Delta R.T. 0.022 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :

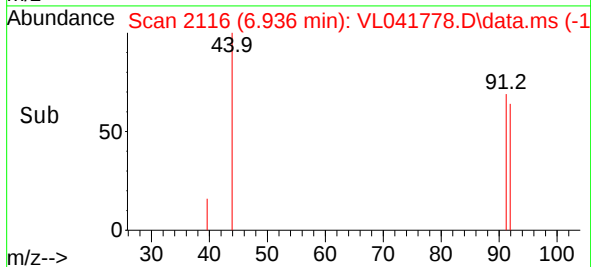
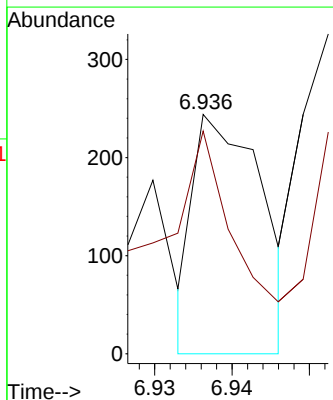
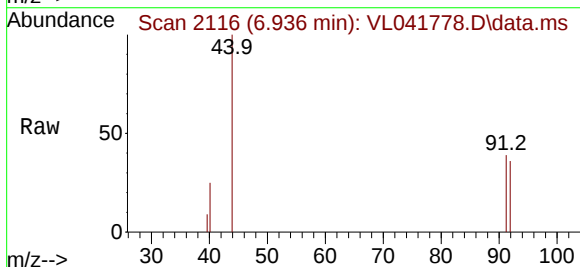


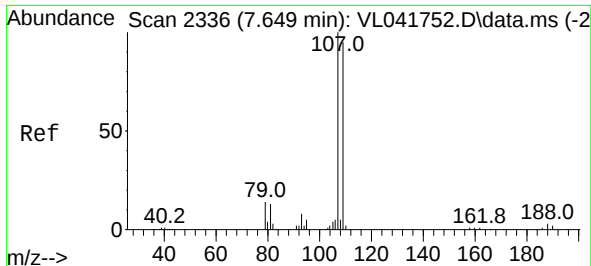
Tgt Ion:	164	Resp:	53
Ion	Ratio	Lower	Upper
164	100		
166	0.0	99.8	149.6#
129	57.6	79.6	119.4#
131	0.0	78.6	117.8#



#53
Toluene
Concen: 0.009 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion:	91	Resp:	151
Ion	Ratio	Lower	Upper
91	100		
92	188.1	47.9	71.9#





#54

1,2-Dibromoethane

Concen: 0.013 ppbv

RT: 7.668 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

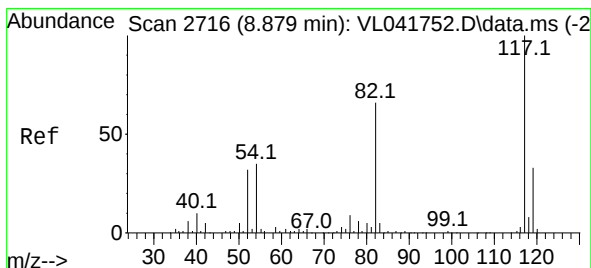
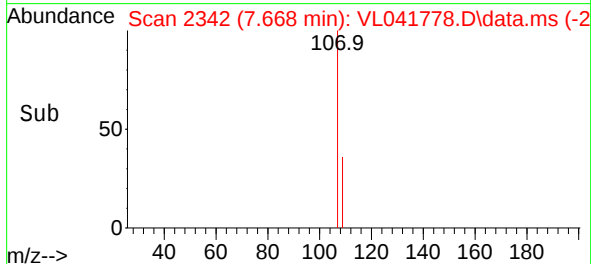
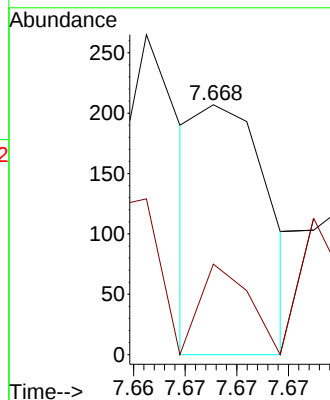
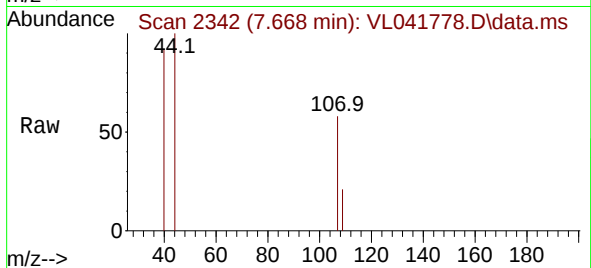
ClientSampleId :

Tgt Ion:107 Resp: 98

Ion Ratio Lower Upper

107 100

109 71.4 75.9 113.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

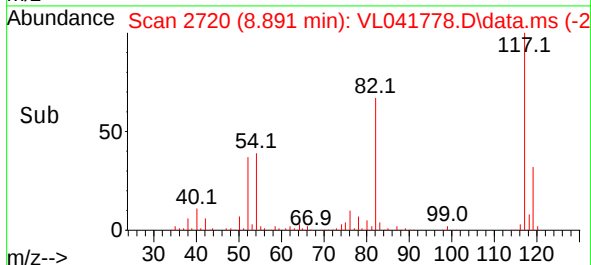
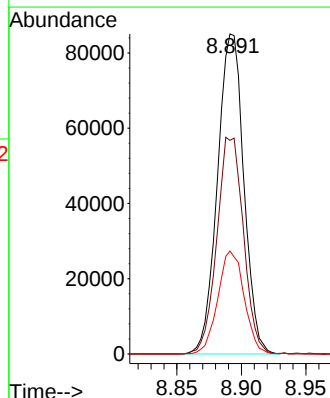
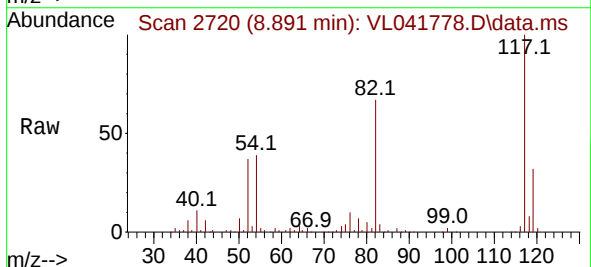
Tgt Ion:117 Resp: 120727

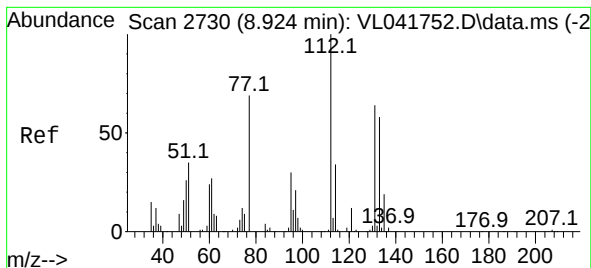
Ion Ratio Lower Upper

117 100

82 68.4 53.8 80.8

119 32.3 26.7 40.1





#56

1,1,1,2-Tetrachloroethane

Concen: 0.006 ppbv

RT: 8.943 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041778.D

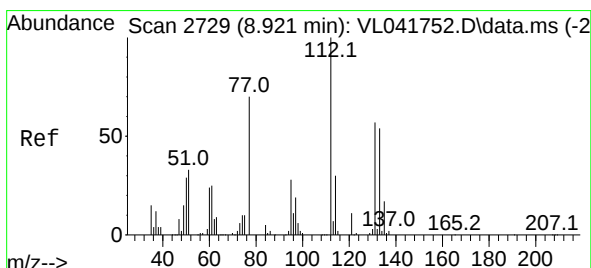
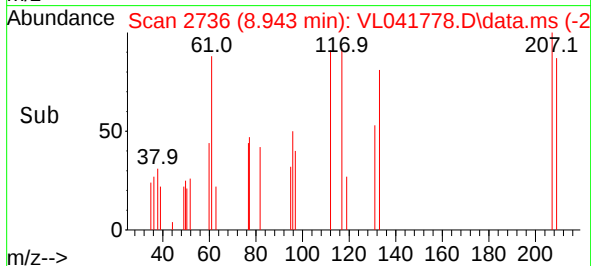
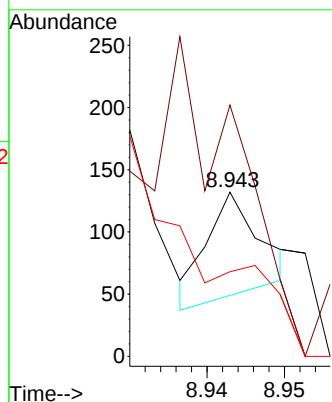
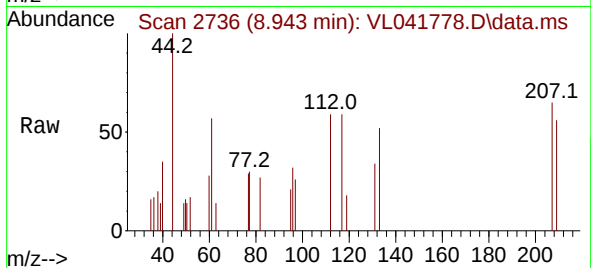
Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:131	Resp:	40
Ion Ratio	Lower	Upper
131	100	
133	627.5	76.8 115.2#
119	0.0	49.0 73.6#



#57

Chlorobenzene

Concen: 0.037 ppbv

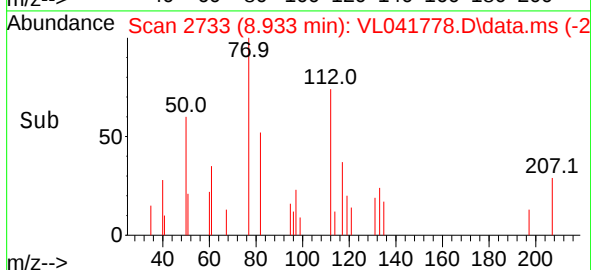
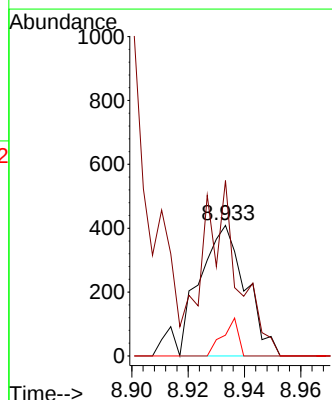
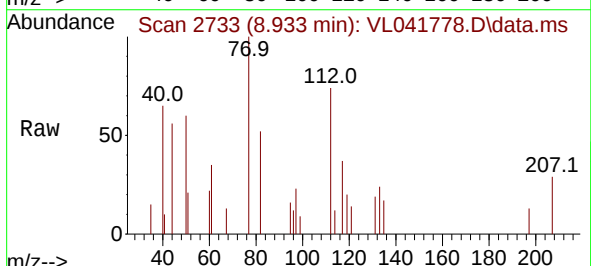
RT: 8.933 min Scan# 2733

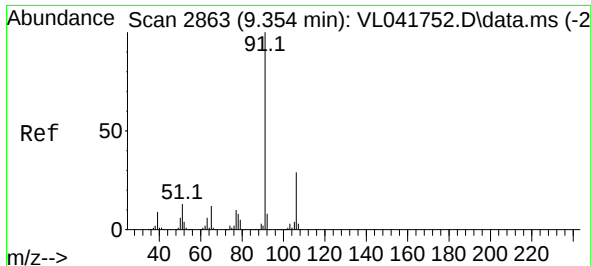
Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion:112	Resp:	460
Ion Ratio	Lower	Upper
112	100	
77	134.2	57.4 86.0#
114	15.9	27.4 33.4#





#58

Ethyl Benzene

Concen: 0.006 ppbv

RT: 9.370 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

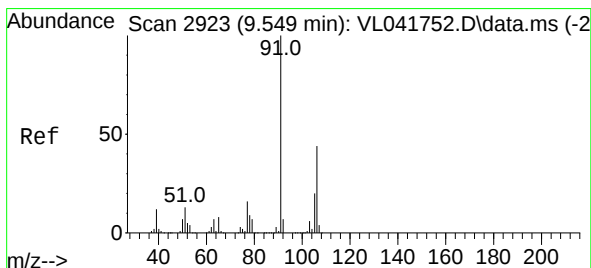
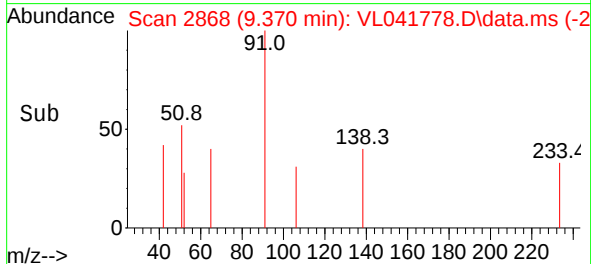
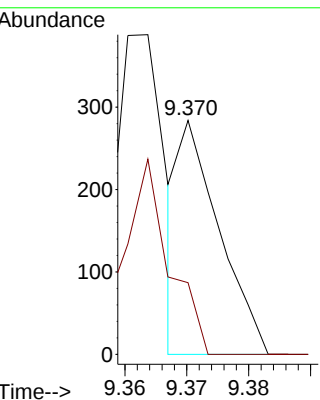
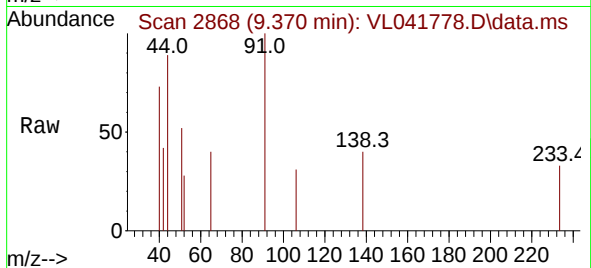
ClientSampleId :

Tgt Ion: 91 Resp: 128

Ion Ratio Lower Upper

91 100

106 30.6 23.5 35.3



#59

m/p-Xylene

Concen: 0.014 ppbv

RT: 9.564 min Scan# 2928

Delta R.T. 0.016 min

Lab File: VL041778.D

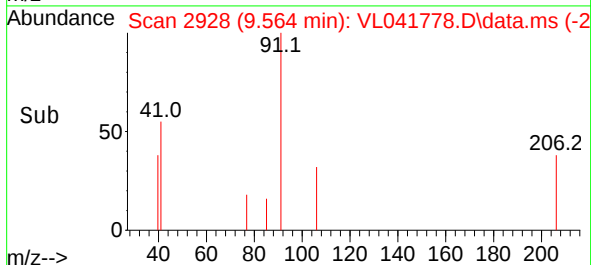
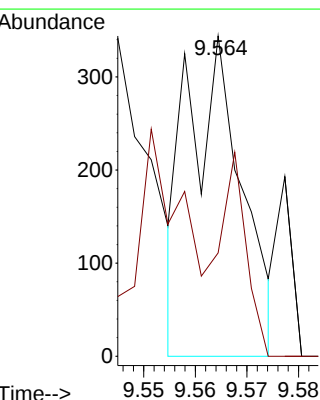
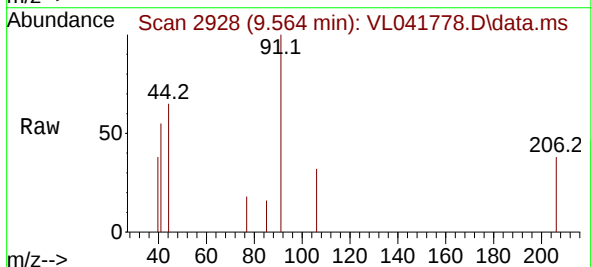
Acq: 17 Dec 2024 14:44

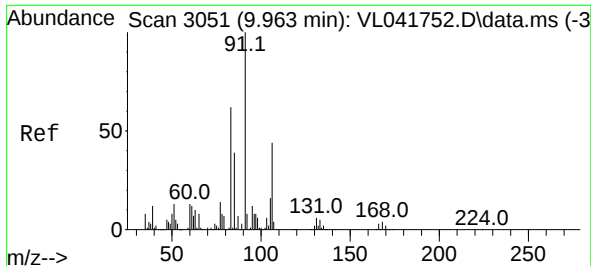
Tgt Ion: 91 Resp: 249

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0





#60

o-Xylene

Concen: 0.009 ppbv

RT: 9.975 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

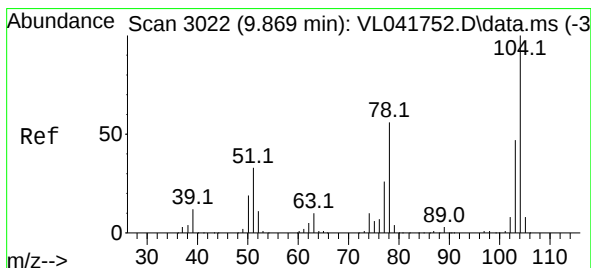
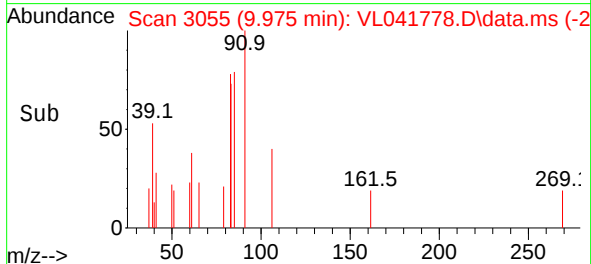
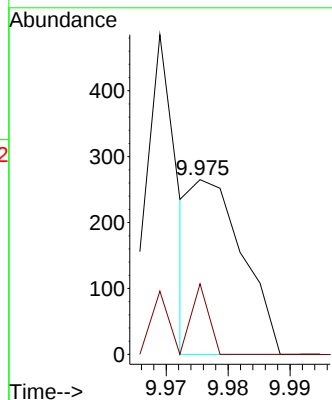
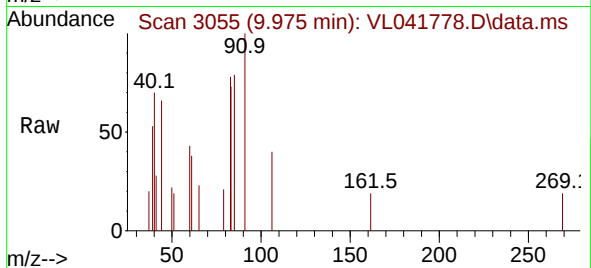
ClientSampleId :

Tgt Ion: 91 Resp: 151

Ion Ratio Lower Upper

91 100

106 43.7 21.1 63.4



#61

Styrene

Concen: 0.015 ppbv

RT: 9.888 min Scan# 3028

Delta R.T. 0.019 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

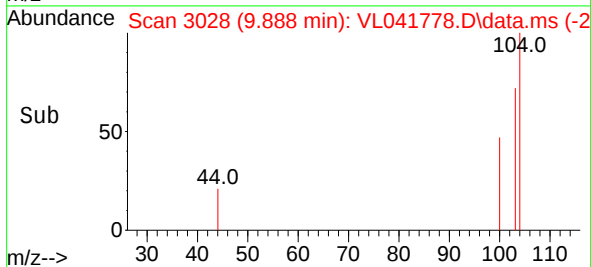
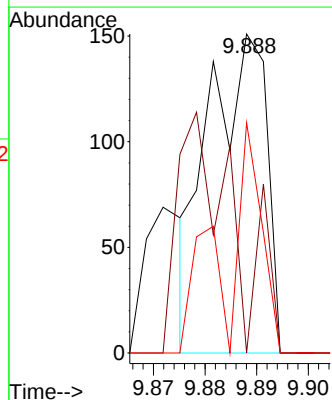
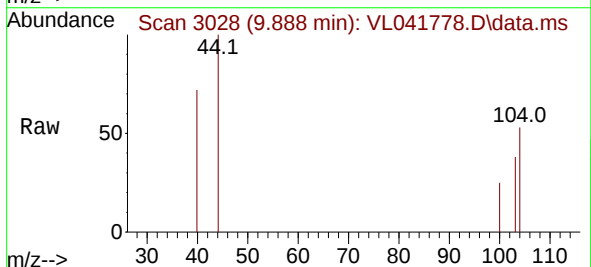
Tgt Ion: 104 Resp: 117

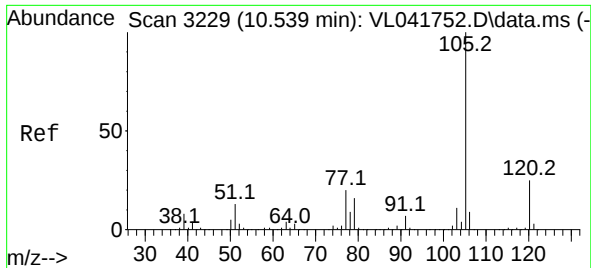
Ion Ratio Lower Upper

104 100

78 0.0 43.8 65.6#

103 47.0 37.8 56.6





#62

Isopropylbenzene

Concen: 0.037 ppbv

RT: 10.548 min Scan# 31

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

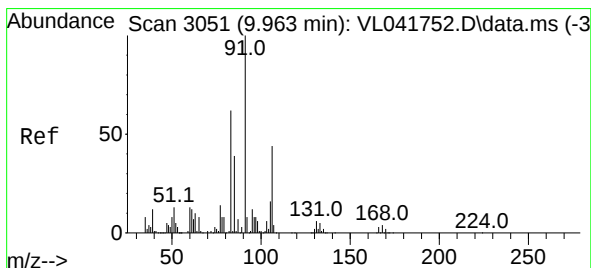
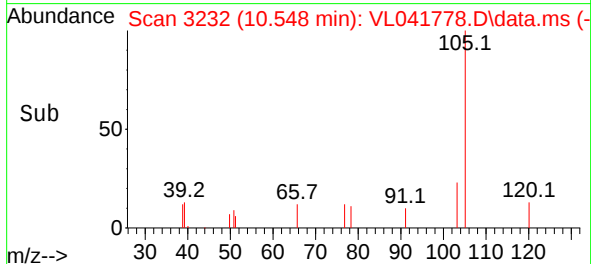
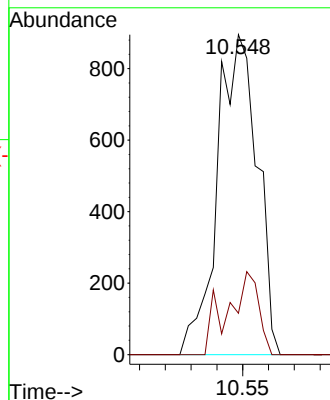
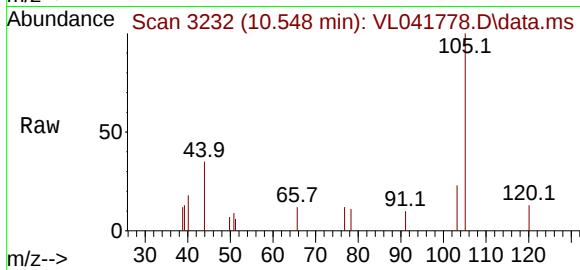
ClientSampleId :

Tgt Ion:105 Resp: 962

Ion Ratio Lower Upper

105 100

120 20.3 19.8 29.8



#63

1,1,2,2-Tetrachloroethane

Concen: 0.020 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

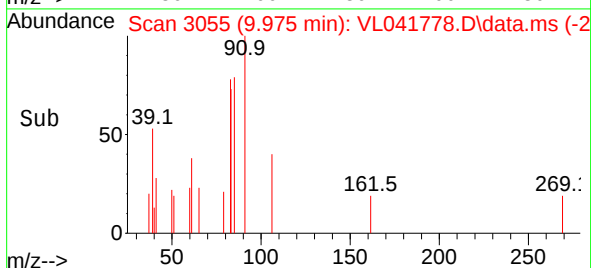
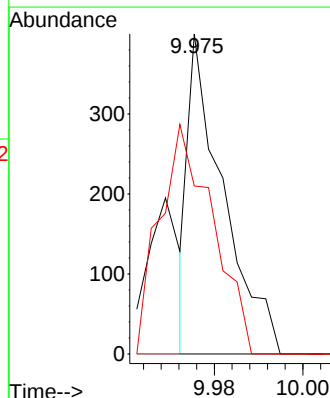
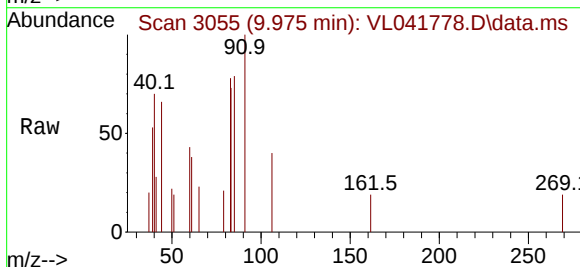
Tgt Ion: 83 Resp: 219

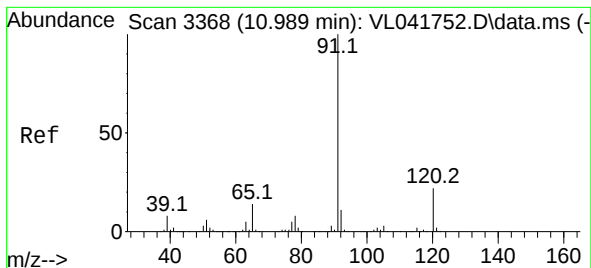
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 109.1 32.0 96.2#





#64

n-propylbenzene

Concen: 0.014 ppbv

RT: 10.992 min Scan# 3368

Delta R.T. 0.003 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

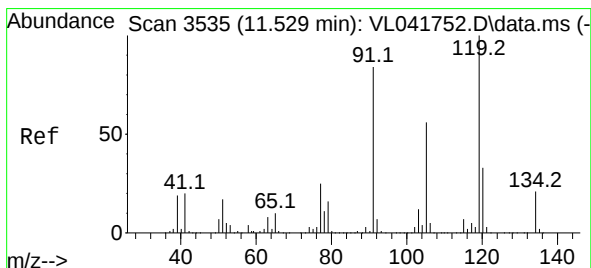
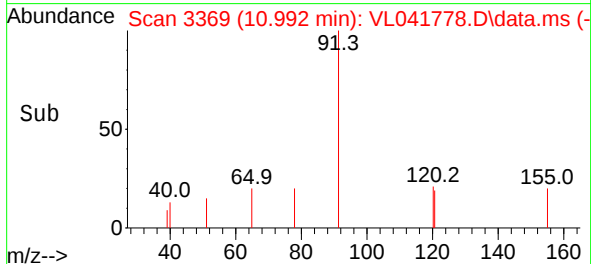
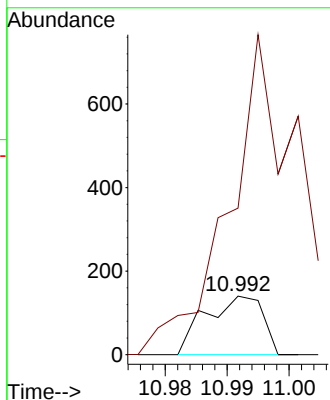
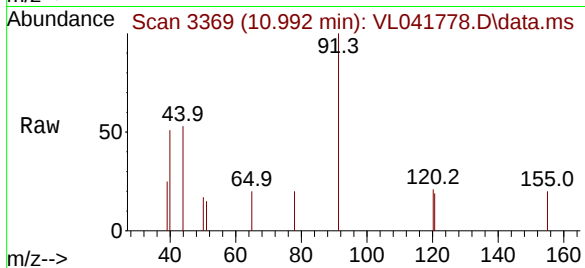
ClientSampleId :

Tgt Ion:120 Resp: 90

Ion Ratio Lower Upper

120 100

91 730.0 387.3 580.9#



#65

tert-Butylbenzene

Concen: 0.021 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

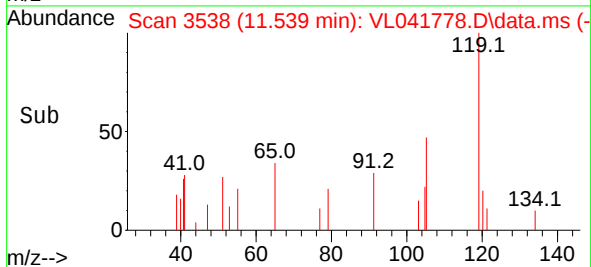
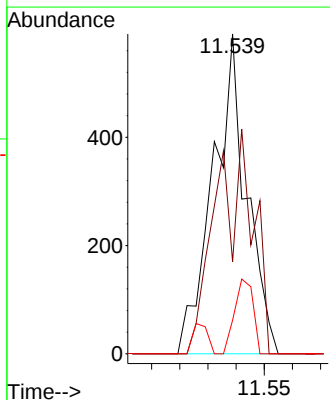
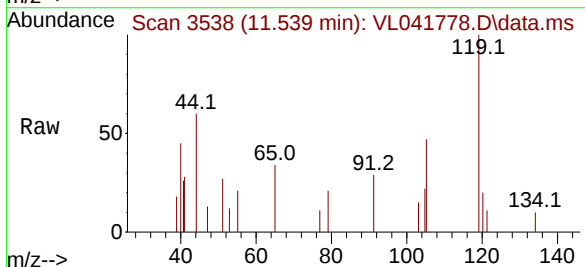
Tgt Ion:119 Resp: 489

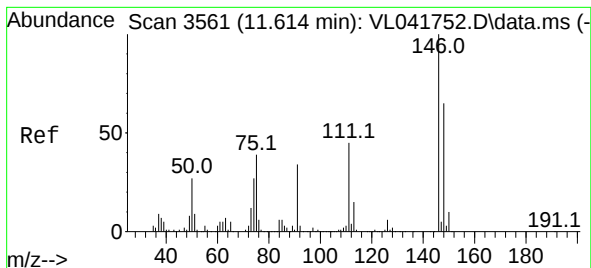
Ion Ratio Lower Upper

119 100

91 77.3 67.0 100.4

134 17.2 16.5 24.7





#66

Benzyl Chloride

Concen: 0.083 ppbv

RT: 11.542 min Scan# 3561

Delta R.T. -0.072 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

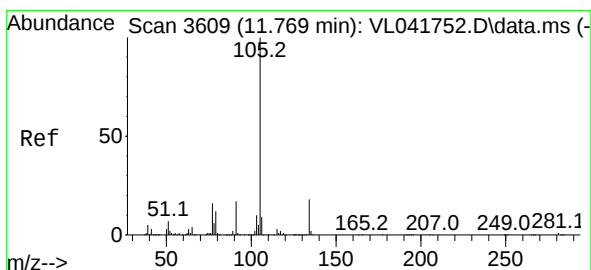
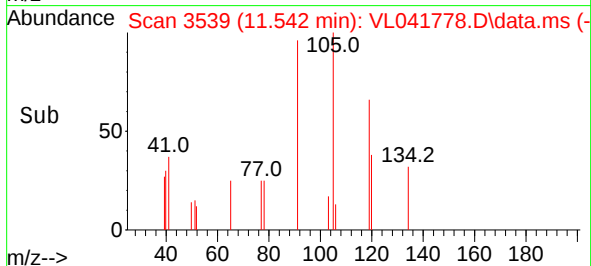
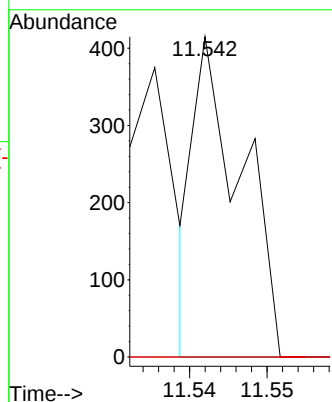
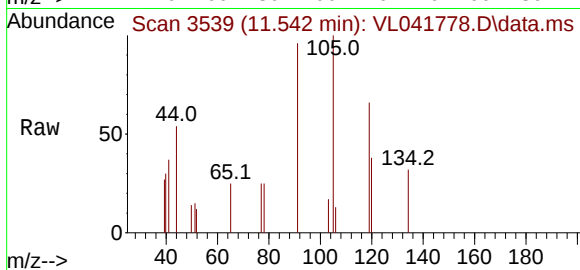
Tgt Ion: 91 Resp: 174

Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#



#67

sec-Butylbenzene

Concen: 0.024 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL041778.D

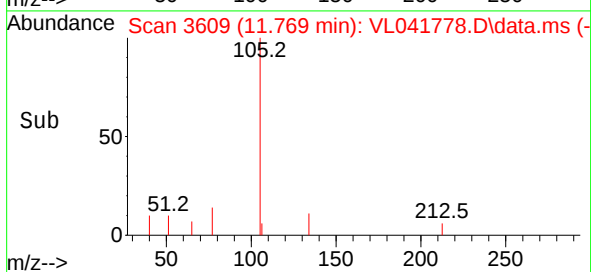
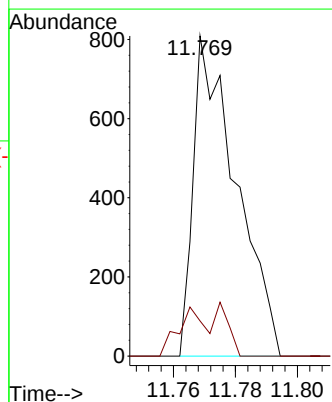
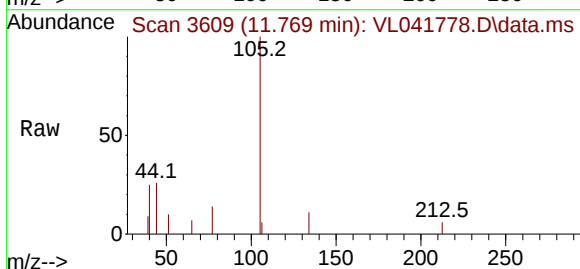
Acq: 17 Dec 2024 14:44

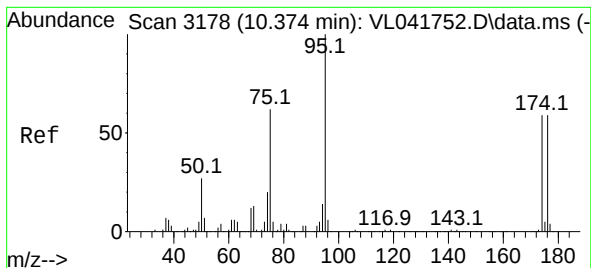
Tgt Ion: 105 Resp: 773

Ion Ratio Lower Upper

105 100

134 15.0 14.5 21.7

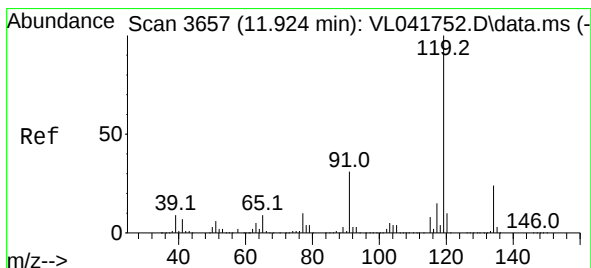
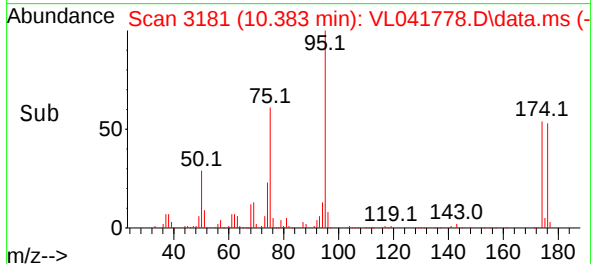
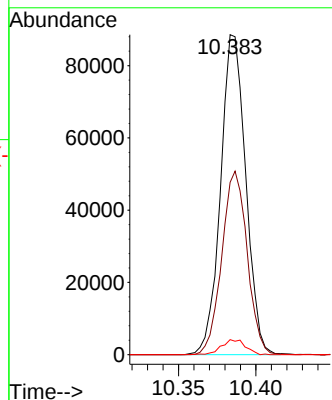
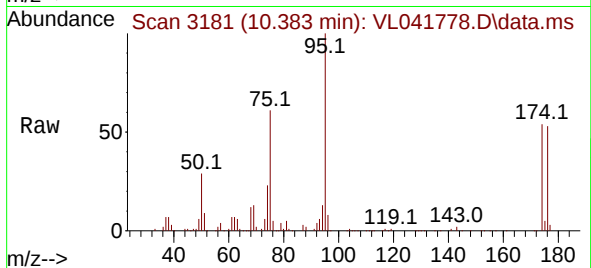




#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 10.383 min Scan# 3178
Delta R.T. 0.009 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

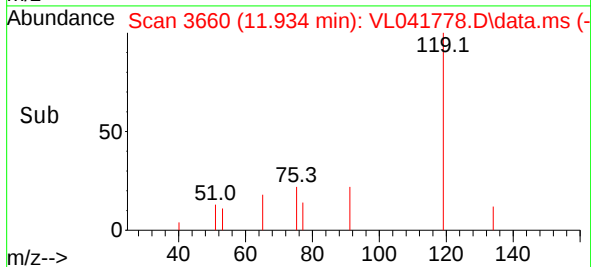
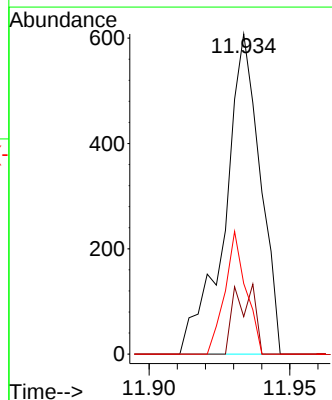
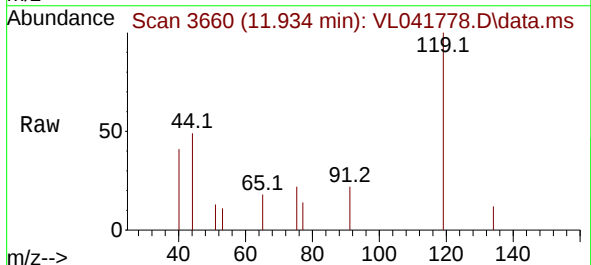
Instrument :
MSVOA_L
ClientSampleId :

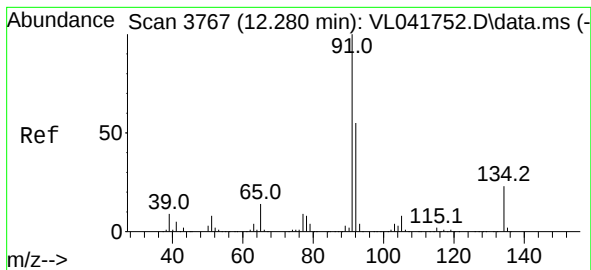
Tgt Ion: 95 Resp: 100211
Ion Ratio Lower Upper
95 100
174 57.8 47.6 71.4
175 4.5 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.020 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.009 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion: 119 Resp: 531
Ion Ratio Lower Upper
119 100
134 12.1 19.6 29.4#
91 22.8 24.4 36.6#





#70

n-Butylbenzene

Concen: 0.015 ppbv

RT: 12.290 min Scan# 31

Delta R.T. 0.009 min

Lab File: VL041778.D

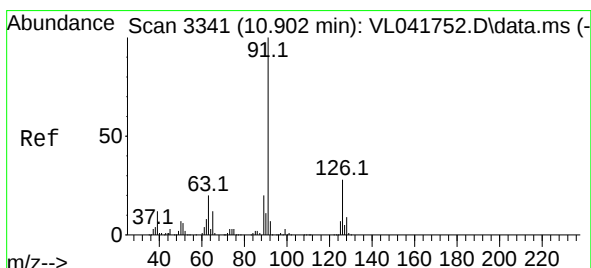
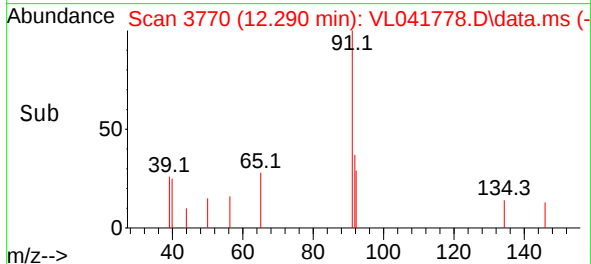
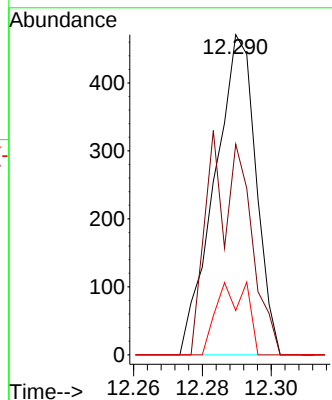
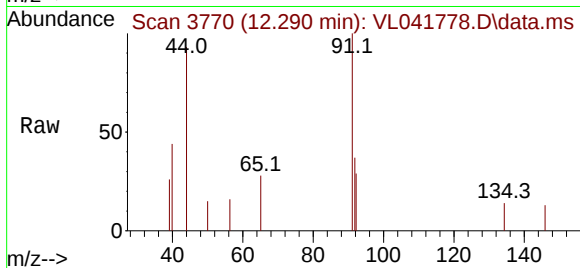
Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 91	Resp:	392
Ion Ratio	Lower	Upper
91	100	
92	67.3	43.2 64.8#
134	16.6	18.2 27.4#



#71

2-Chlorotoluene

Concen: 0.024 ppbv

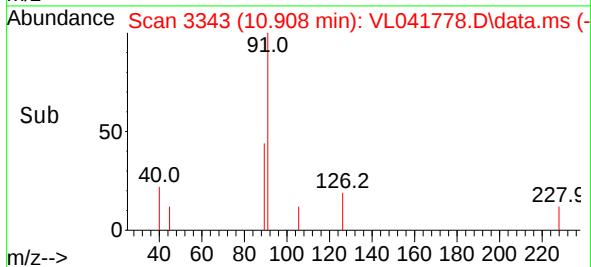
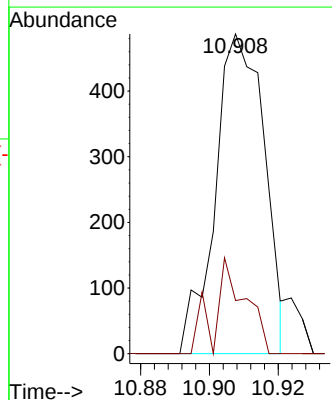
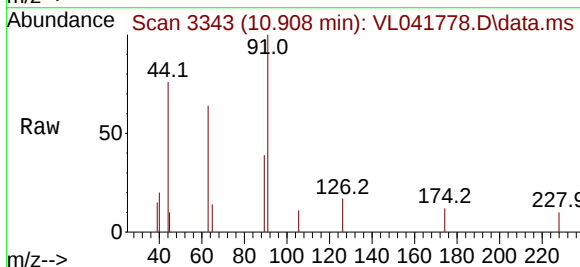
RT: 10.908 min Scan# 3343

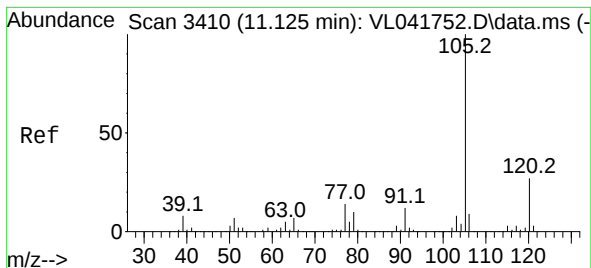
Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

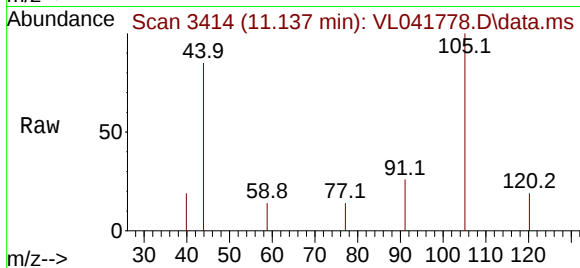
Tgt Ion: 91	Resp:	483
Ion Ratio	Lower	Upper
91	100	
126	19.0	11.6 46.4



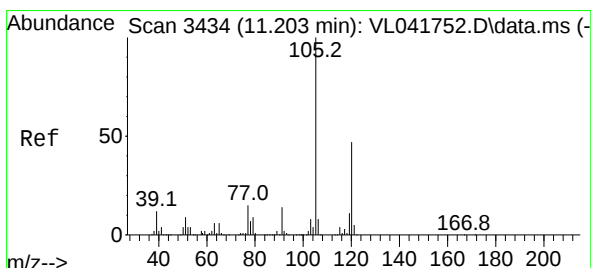
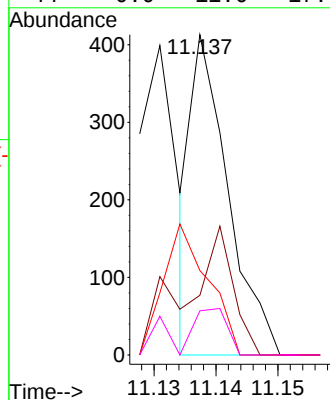
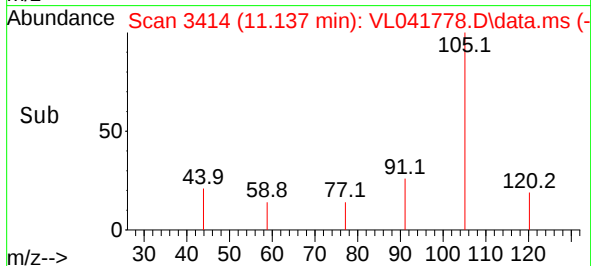


#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 11.137 min Scan# 3410
Delta R.T. 0.013 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :

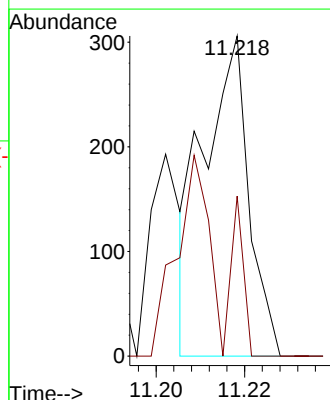
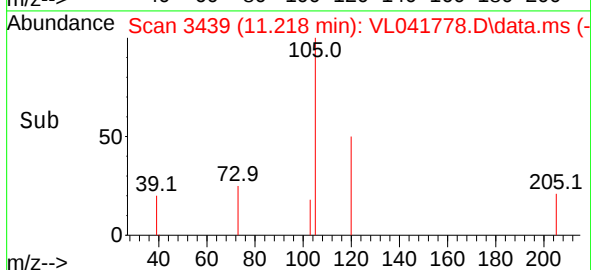
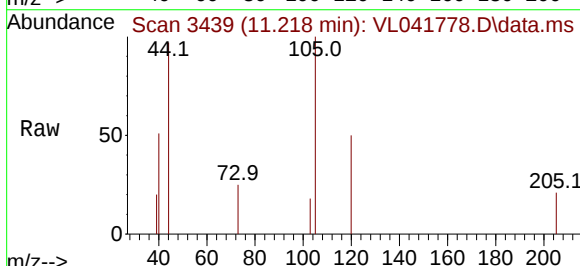


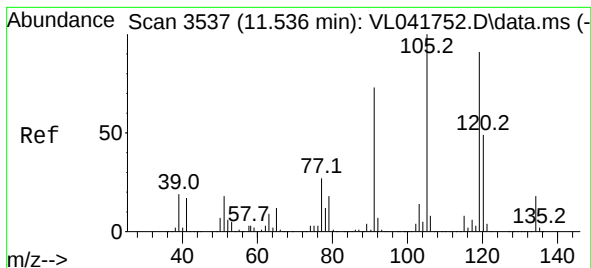
Tgt Ion:105 Resp: 170
Ion Ratio Lower Upper
105 100
120 51.8 23.3 34.9#
91 50.0 10.9 16.3#
77 0.0 11.6 17.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.013 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. 0.016 min
Lab File: VL041778.D
Acq: 17 Dec 2024 14:44

Tgt Ion:105 Resp: 217
Ion Ratio Lower Upper
105 100
120 50.0 37.4 56.2





#74

1,2,4-Trimethylbenzene

Concen: 0.026 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 473

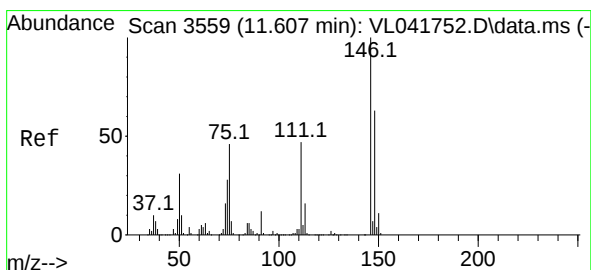
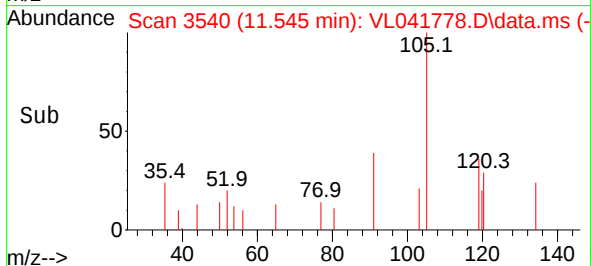
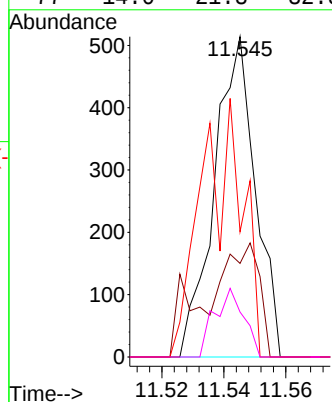
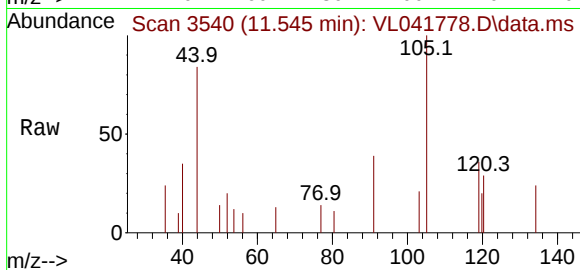
Ion Ratio Lower Upper

105 100

120 29.2 39.0 58.4#

91 39.1 58.1 87.1#

77 14.0 21.8 32.8#



#75

1,3-Dichlorobenzene

Concen: 0.038 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

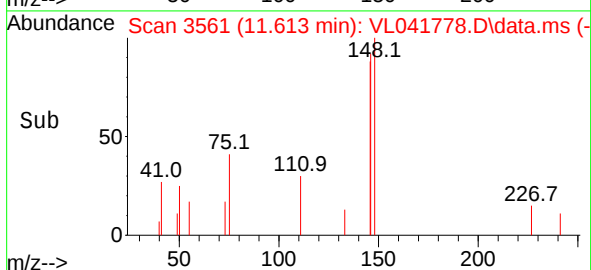
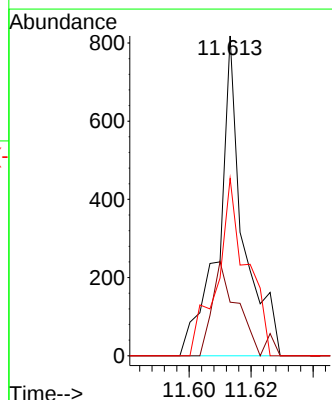
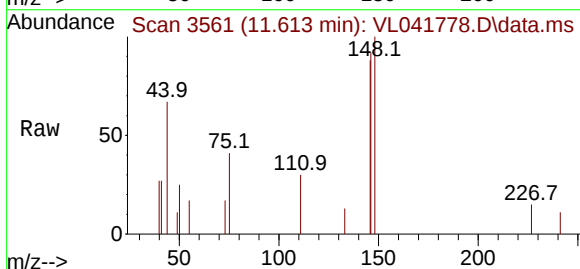
Tgt Ion:146 Resp: 450

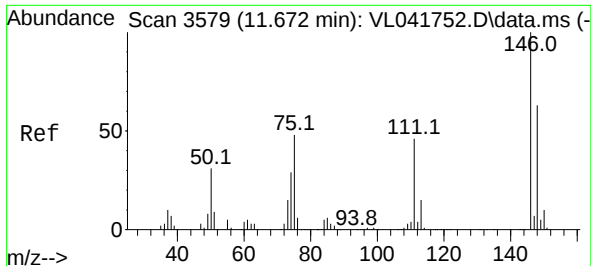
Ion Ratio Lower Upper

146 100

111 31.8 23.4 70.3

148 66.4 31.6 95.0





#76

1,4-Dichlorobenzene

Concen: 0.010 ppbv

RT: 11.681 min Scan# 3579

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

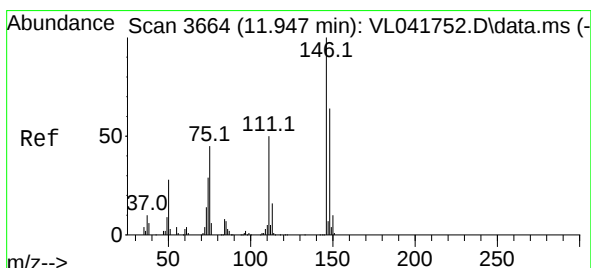
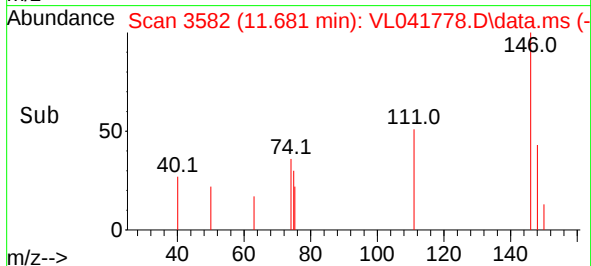
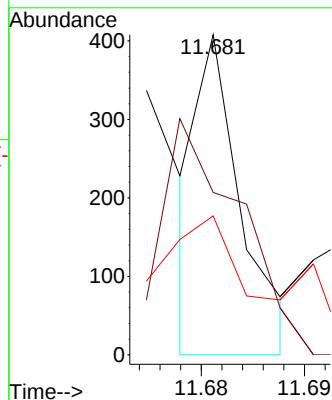
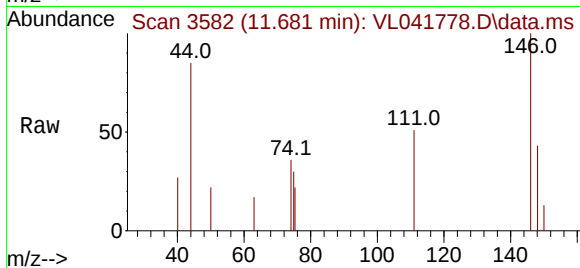
Tgt Ion:146 Resp: 120

Ion Ratio Lower Upper

146 100

111 155.0 22.7 68.1#

148 120.8 31.4 94.0#



#77

1,2-Dichlorobenzene

Concen: 0.038 ppbv

RT: 11.956 min Scan# 3667

Delta R.T. 0.009 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

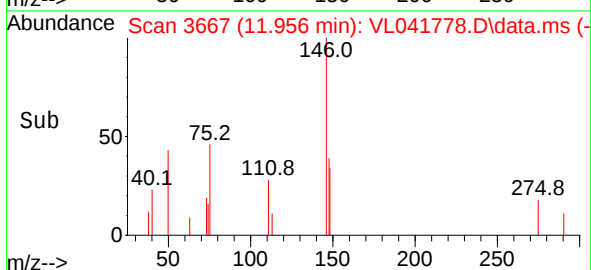
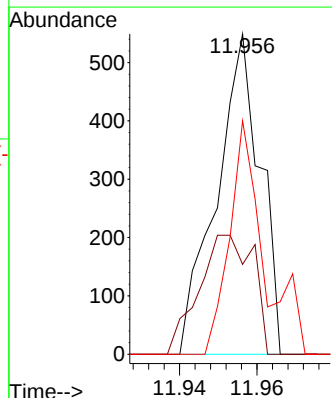
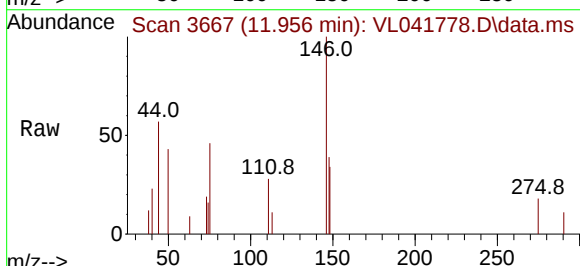
Tgt Ion:146 Resp: 431

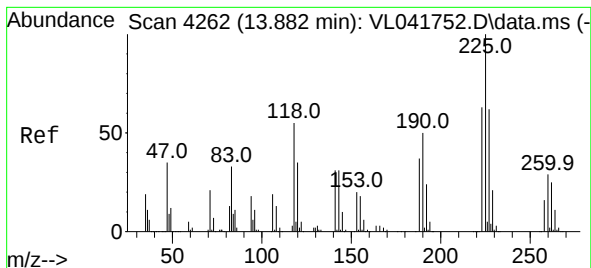
Ion Ratio Lower Upper

146 100

111 46.2 24.8 74.3

148 60.3 31.8 95.4





#78

Hexachloro-1,3-Butadiene

Concen: 0.038 ppbv

RT: 13.889 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041778.D

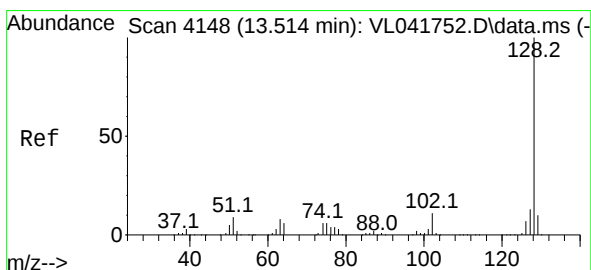
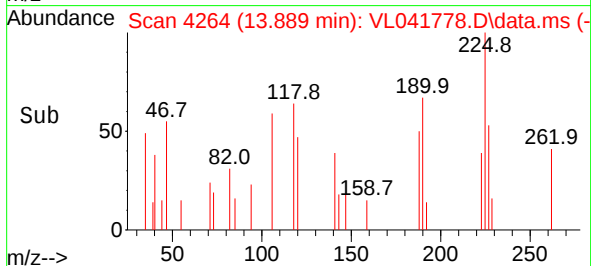
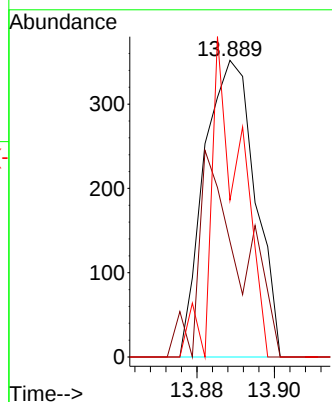
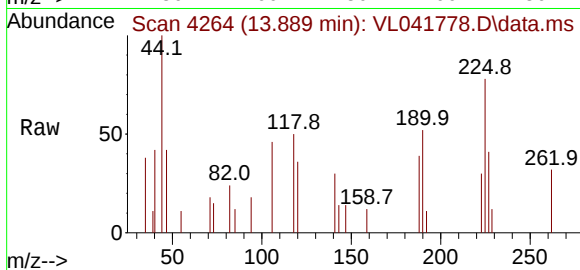
Acq: 17 Dec 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	225	Resp:	321
Ion	Ratio	Lower	Upper
225	100		
223	57.3	50.5	75.7
227	62.6	50.3	75.5



#79

Naphthalene

Concen: 0.020 ppbv

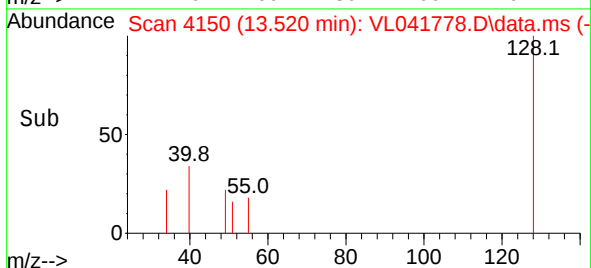
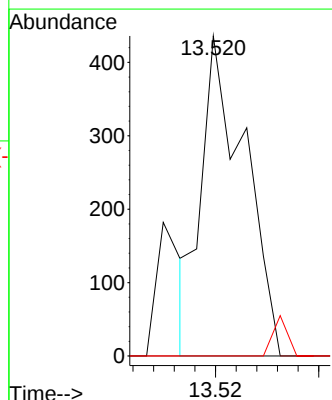
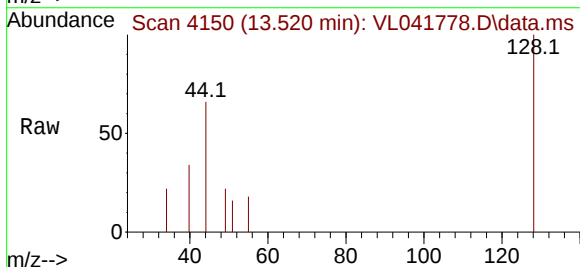
RT: 13.520 min Scan# 4150

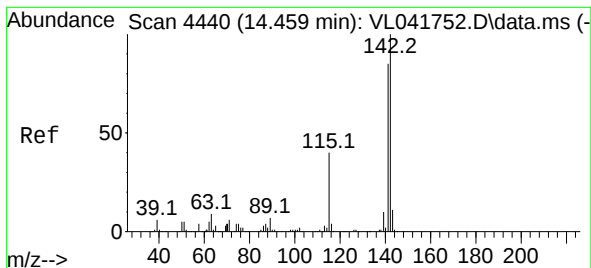
Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion:	128	Resp:	252
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.2	12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.029 ppbv

RT: 14.465 min Scan# 4440

Delta R.T. 0.006 min

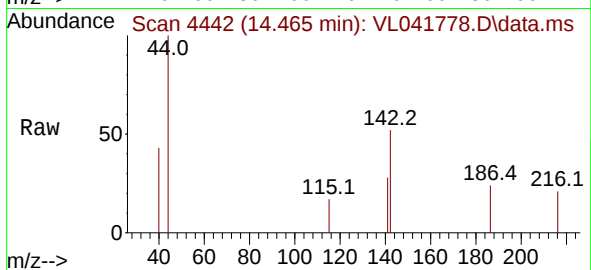
Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Instrument :

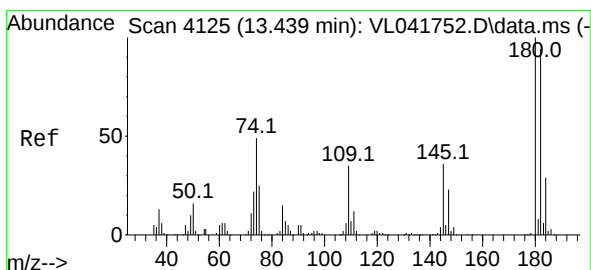
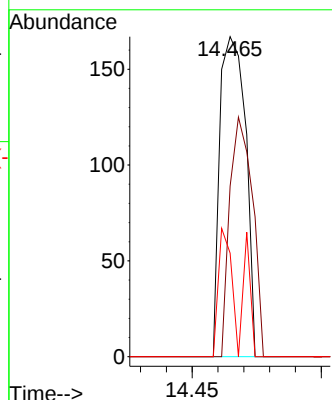
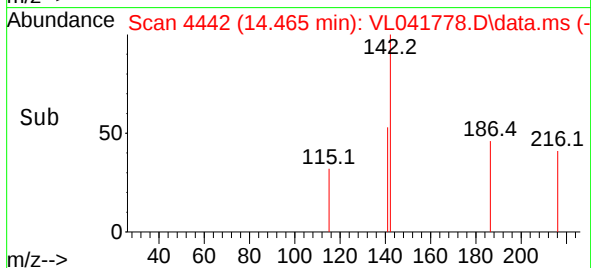
MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 115

Ion	Ratio	Lower	Upper
142	100		
141	67.0	68.4	102.6#
115	31.3	32.5	48.7#



#81

1,2,4-Trichlorobenzene

Concen: 0.057 ppbv

RT: 13.445 min Scan# 4127

Delta R.T. 0.006 min

Lab File: VL041778.D

Acq: 17 Dec 2024 14:44

Tgt Ion:180 Resp: 403

Ion	Ratio	Lower	Upper
180	100		
182	62.5	77.0	115.6#
184	8.9	23.8	35.8#

