

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041777.D
 Acq On : 17 Dec 2024 14:13
 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 03:03:16 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	2.790	49	56733	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	144763	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	123427	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 104912 10.200 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.499	85	5391	0.534	ppbv	96
3) Chlorodifluoromethane	1.476	51	4325	0.467	ppbv #	88
4) Chloromethane	1.535	50	2159	0.547	ppbv #	87
5) Vinyl Chloride	1.580	62	1807	0.454	ppbv	96
6) Bromomethane	1.667	94	933	0.497	ppbv	87
7) Chloroethane	1.706	64	721	0.466	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	4832	0.535	ppbv	90
9) Propene	1.790	41	111	0.028	ppbv	94
10) Heptane	4.985	43	1286	0.125	ppbv #	23
11) Trichlorofluoromethane	1.881	101	5709	0.532	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.143	101	3952	0.485	ppbv	98
13) Ethanol	1.725	45	588	1.771	ppbv	100
14) Bromoethene	1.784	108	1104	0.401	ppbv #	75
15) Acetone	1.839	43	6680	0.605	ppbv	97
16) 1,3-Butadiene	1.609	39	2378	0.547	ppbv	91
17) tert-Butyl alcohol	2.046	59	5396	0.493	ppbv	96
18) 1,1-Dichloroethene	2.036	96	1704	0.498	ppbv	79
19) Isopropyl Alcohol	1.891	45	3955	0.597	ppbv #	42
20) Methylene Chloride	2.062	84	1971	0.626	ppbv	91
21) Allyl Chloride	2.098	41	2760	0.461	ppbv	93
22) trans-1,2-Dichloroethene	2.344	96	1715	0.438	ppbv	89
23) Vinyl Acetate	2.467	43	1715	0.335	ppbv #	70
24) 1,1-Dichloroethane	2.412	63	3993	0.504	ppbv	98
25) Ethyl Acetate	2.842	43	7770	0.378	ppbv	97
26) Hexane	2.832	57	2818	0.362	ppbv #	85
27) Carbon Disulfide	2.153	76	2108	0.300	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	1553	0.246	ppbv #	67
29) Chloroform	2.855	83	5887	0.496	ppbv	99
30) Cyclohexane	3.865	84	635	0.096	ppbv #	1
31) cis-1,2-Dichloroethene	2.726	61	3300	0.410	ppbv	90
32) 1,1,1-Trichloroethane	3.370	97	4566	0.378	ppbv	88
34) 2-Butanone	2.564	43	4940	0.424	ppbv	97
35) Carbon Tetrachloride	3.771	117	4147	0.404	ppbv #	92
36) Benzene	3.658	78	3212	0.215	ppbv	95
37) 1,2-Dichloroethane	3.224	62	4822	0.518	ppbv	100
38) Trichloroethene	4.554	130	1059	0.167	ppbv #	84
39) 1,2-Dichloropropane	4.324	63	2495	0.461	ppbv	93
40) 1,4-Dioxane	4.613	88	293	0.111	ppbv #	32
41) Tetrahydrofuran	3.072	42	2178	0.334	ppbv #	90
42) Bromodichloromethane	4.499	83	4037	0.377	ppbv	97
43) Methyl Methacrylate	4.891	69	1097	0.192	ppbv #	21
44) 2,2,4-Trimethylpentane	4.651	57	5860	0.229	ppbv #	55
45) t-1,3-Dichloropropene	6.425	75	1686	0.286	ppbv #	83

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

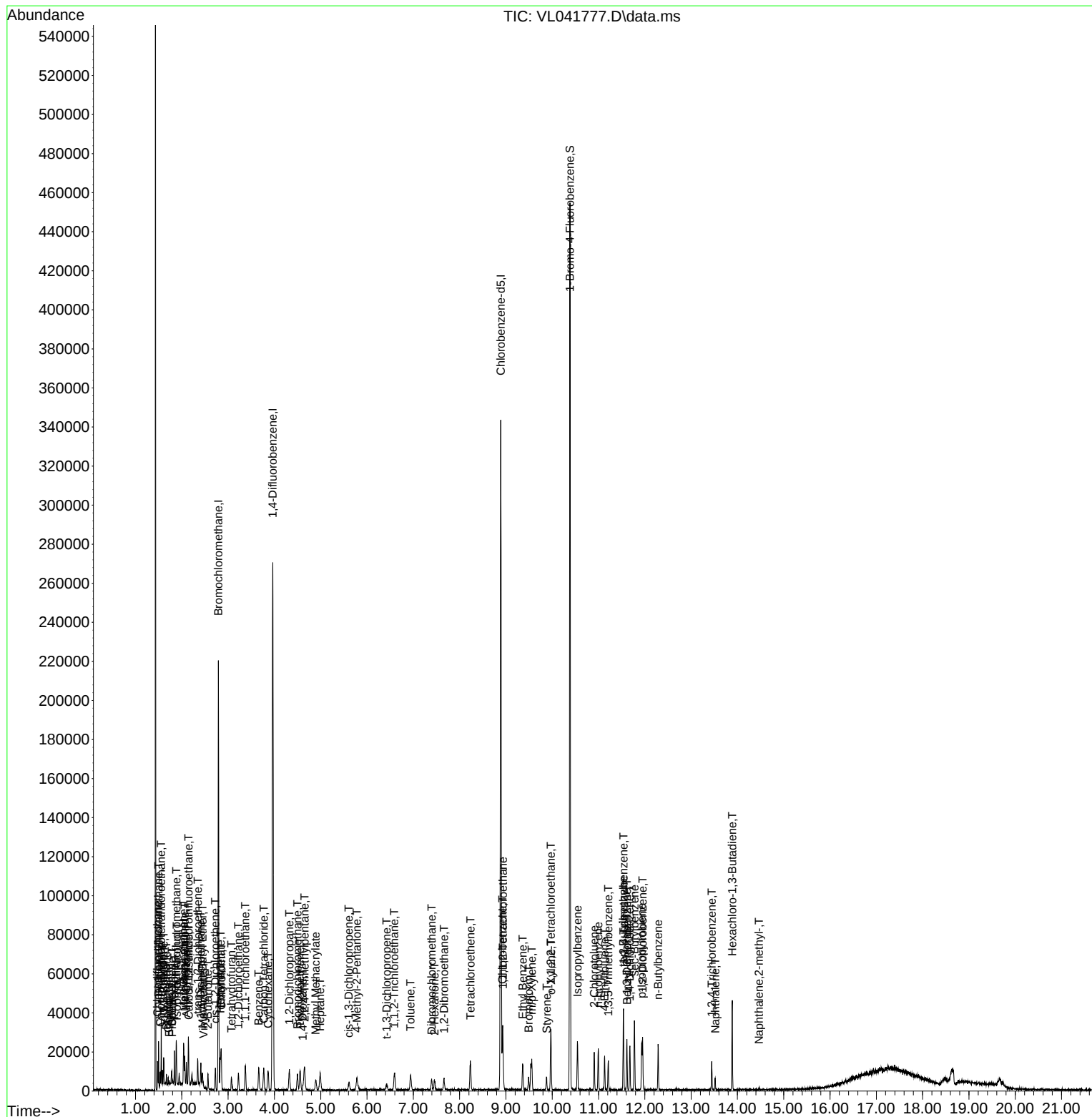
Instrument :
 MSVOA_L
 ClientSampleId :

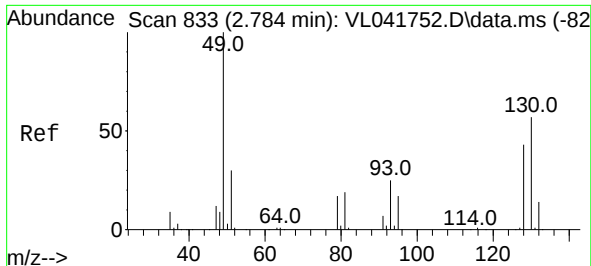
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	904	0.121	ppbv #	29
47) 1,1,2-Trichloroethane	6.590	97	1332	0.235	ppbv #	62
48) Dibromochloromethane	7.396	129	1312	0.170	ppbv #	21
49) Bromoform	9.490	173	1837	0.291	ppbv	92
50) 4-Methyl-2-Pentanone	5.781	43	4492	0.283	ppbv #	41
51) 2-Hexanone	7.458	43	3289	0.256	ppbv #	98
52) Tetrachloroethene	8.238	164	548	0.098	ppbv #	49
53) Toluene	6.940	91	5195	0.306	ppbv	94
54) 1,2-Dibromoethane	7.665	107	2898	0.372	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.937	131	2805	0.429	ppbv #	1
57) Chlorobenzene	8.927	112	5951	0.471	ppbv #	92
58) Ethyl Benzene	9.361	91	7056	0.318	ppbv	96
59) m/p-Xylene	9.558	91	6062	0.339	ppbv #	100
60) o-Xylene	9.976	91	2153	0.120	ppbv #	33
61) Styrene	9.882	104	2234	0.288	ppbv	94
62) Isopropylbenzene	10.545	105	9799	0.364	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	5140	0.458	ppbv	97
64) n-propylbenzene	10.998	120	2173	0.319	ppbv	95
65) tert-Butylbenzene	11.536	119	7462	0.307	ppbv	98
66) Benzyl Chloride	11.617	91	623	0.291	ppbv #	75
67) sec-Butylbenzene	11.775	105	10865	0.323	ppbv	97
69) p-Isopropyltoluene	11.934	119	8308	0.300	ppbv	97
70) n-Butylbenzene	12.287	91	7482	0.280	ppbv	95
71) 2-Chlorotoluene	10.908	91	6953	0.338	ppbv	98
72) 4-Ethyltoluene	11.131	105	6311	0.298	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	5206	0.297	ppbv	87
74) 1,2,4-Trimethylbenzene	11.539	105	5688	0.301	ppbv #	85
75) 1,3-Dichlorobenzene	11.610	146	5371	0.446	ppbv	96
76) 1,4-Dichlorobenzene	11.678	146	4865	0.409	ppbv	95
77) 1,2-Dichlorobenzene	11.953	146	5635	0.487	ppbv	95
78) Hexachloro-1,3-Butadiene	13.889	225	3926	0.457	ppbv	97
79) Naphthalene	13.520	128	2708	0.206	ppbv #	91
80) Naphthalene,2-methyl-	14.465	142	206	0.051	ppbv #	68
81) 1,2,4-Trichlorobenzene	13.445	180	2002	0.279	ppbv	94

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

Quant Time: Dec 21 03:03:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
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QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

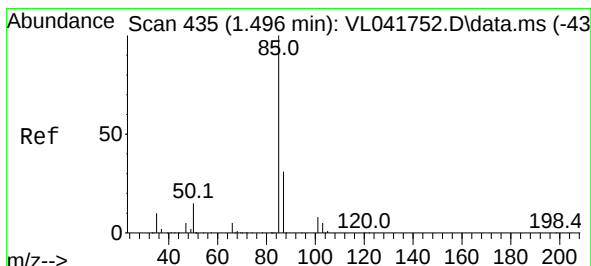
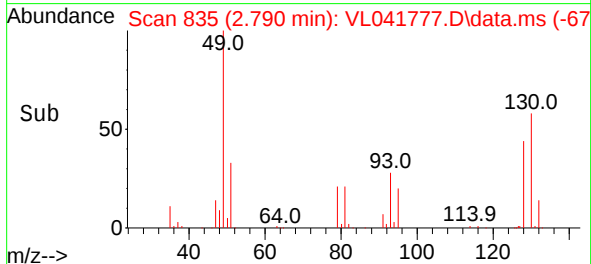
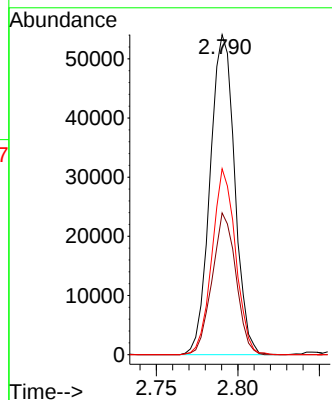
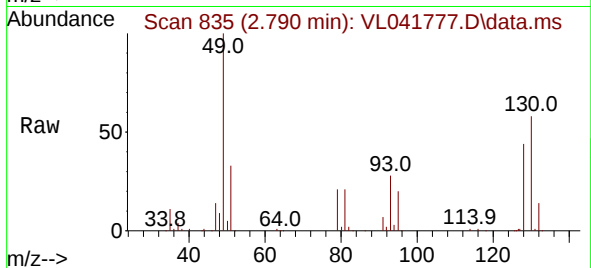




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

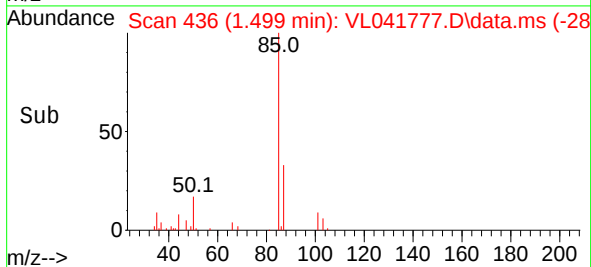
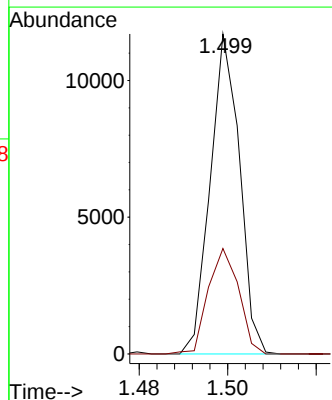
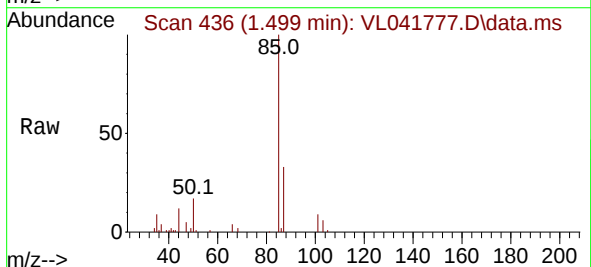
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MSVOA_L
ClientSampleId :

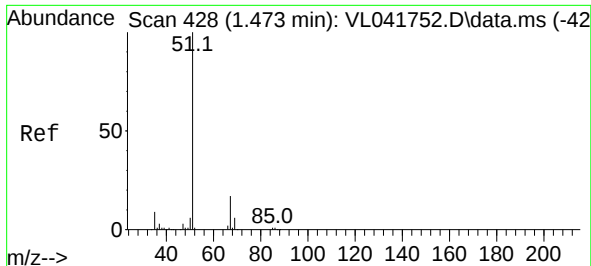
Tgt Ion: 49 Resp: 56733
Ion Ratio Lower Upper
49 100
128 42.8 21.6 64.6
130 55.6 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.534 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 85 Resp: 5391
Ion Ratio Lower Upper
85 100
87 32.9 24.5 36.7

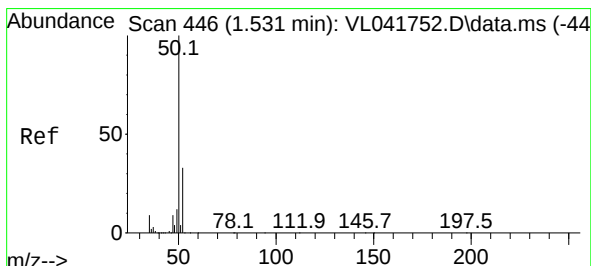
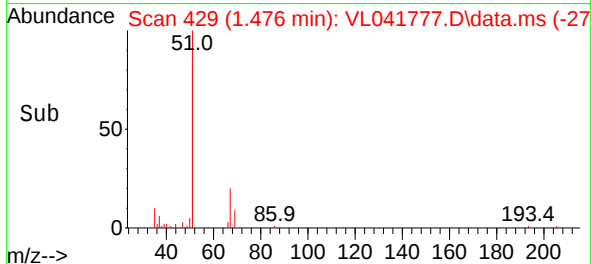
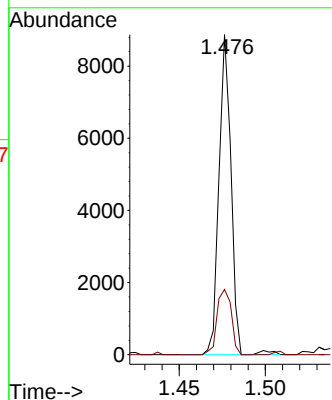
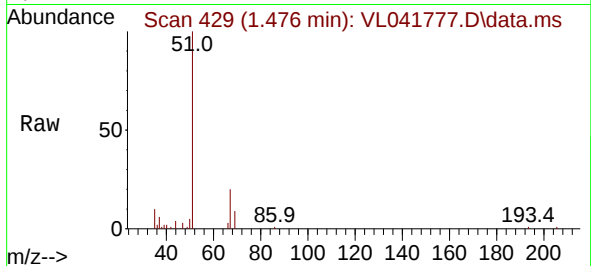




#3
Chlorodifluoromethane
Concen: 0.467 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

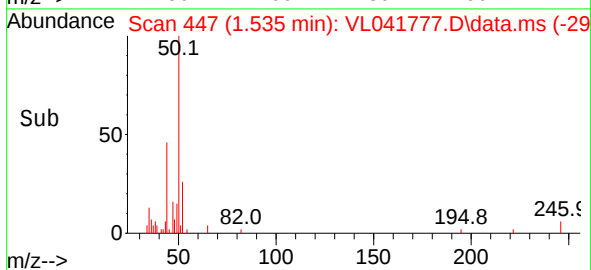
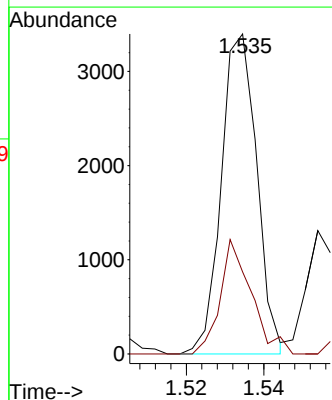
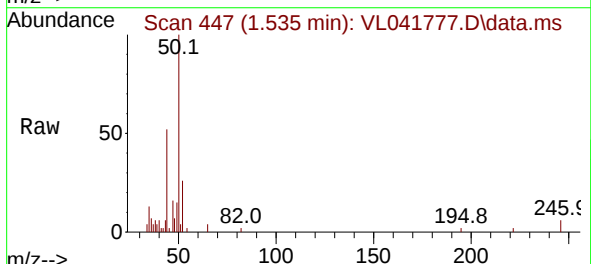
Instrument :
MSVOA_L
ClientSampleId :

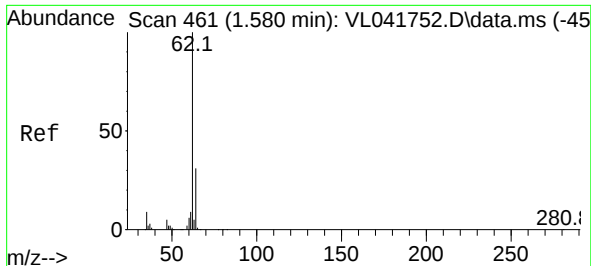
Tgt Ion: 51 Resp: 4325
Ion Ratio Lower Upper
51 100
67 24.1 15.0 22.4#



#4
Chloromethane
Concen: 0.547 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 50 Resp: 2159
Ion Ratio Lower Upper
50 100
52 25.6 26.2 39.2#

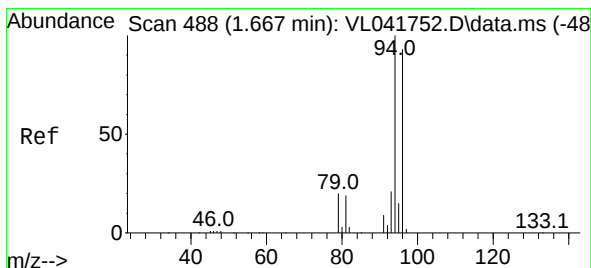
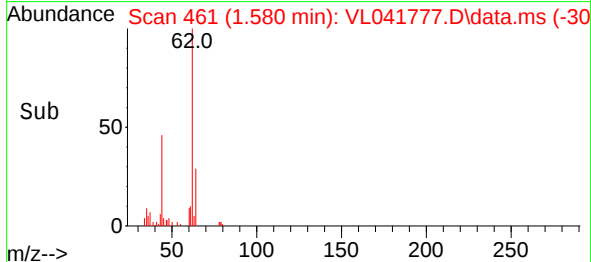
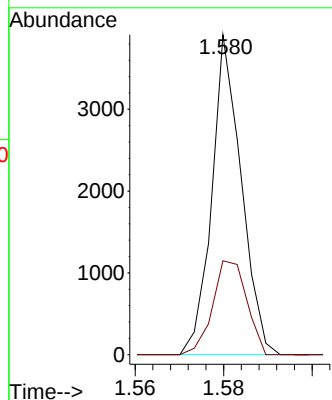
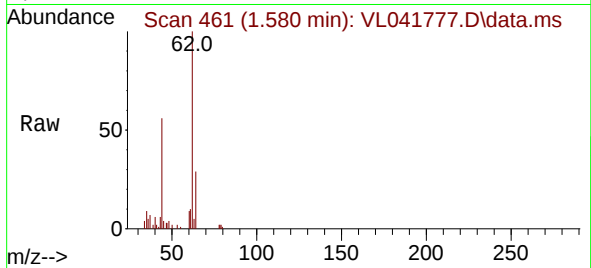




#5
 Vinyl Chloride
 Concen: 0.454 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

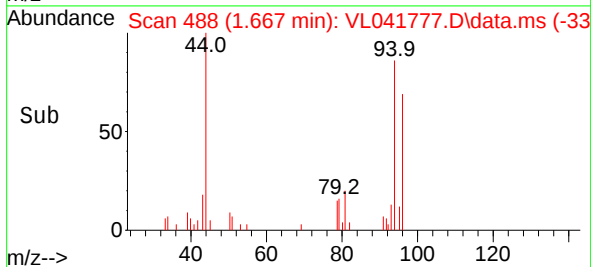
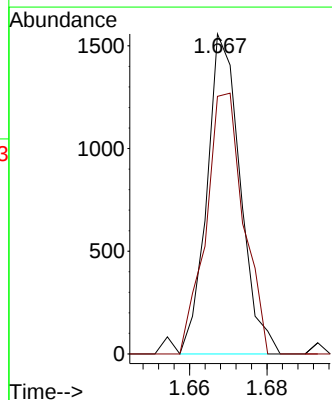
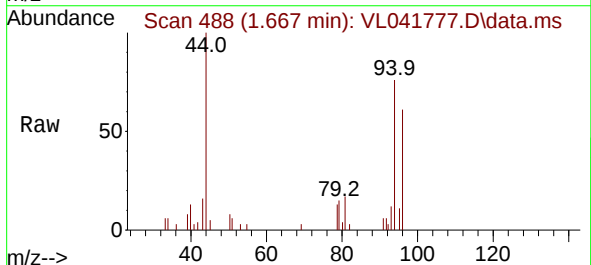
Instrument :
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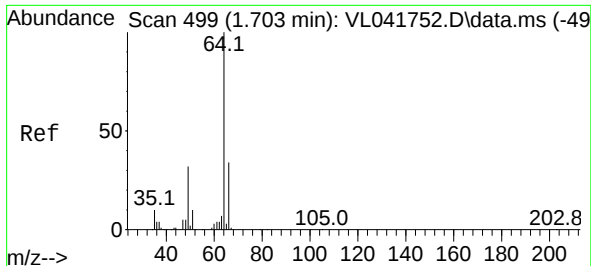
Tgt Ion: 62 Resp: 1807
 Ion Ratio Lower Upper
 62 100
 64 29.4 25.1 37.7



#6
 Bromomethane
 Concen: 0.497 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

Tgt Ion: 94 Resp: 933
 Ion Ratio Lower Upper
 94 100
 96 80.5 74.7 112.1

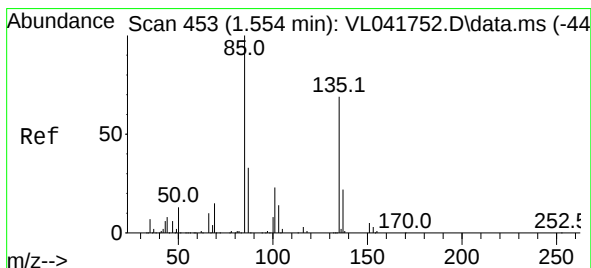
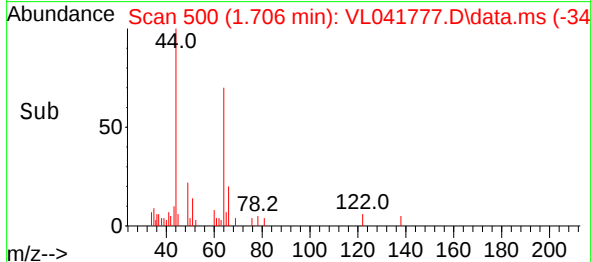
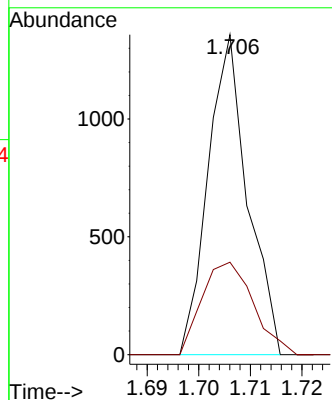
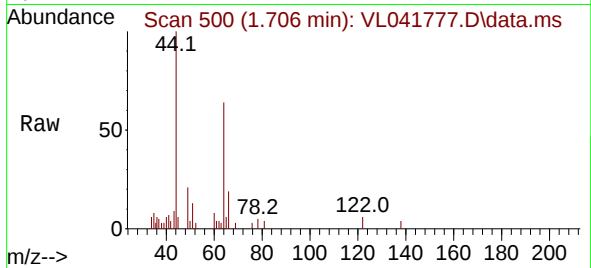




#7
Chloroethane
Concen: 0.466 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

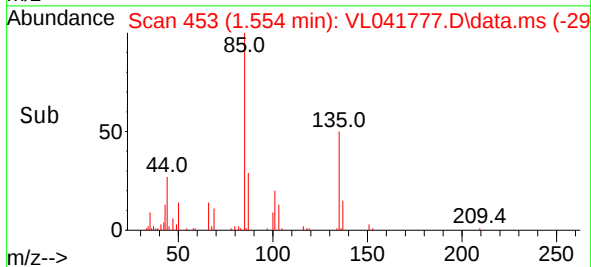
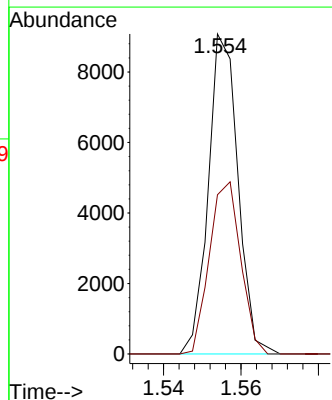
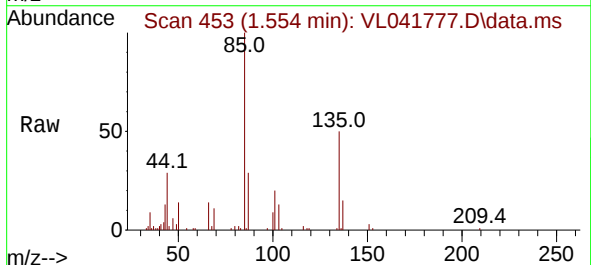
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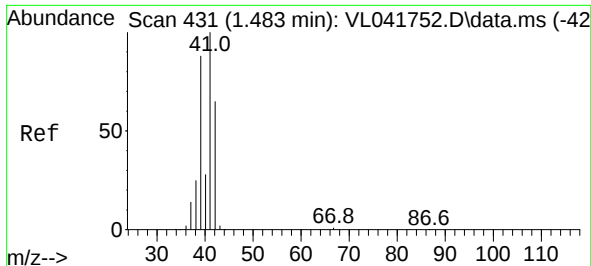
Tgt Ion: 64 Resp: 721
Ion Ratio Lower Upper
64 100
66 28.9 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.535 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 85 Resp: 4832
Ion Ratio Lower Upper
85 100
135 56.8 51.9 77.9





#9

Propene

Concen: 0.028 ppbv

RT: 1.790 min Scan# 51

Delta R.T. 0.307 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

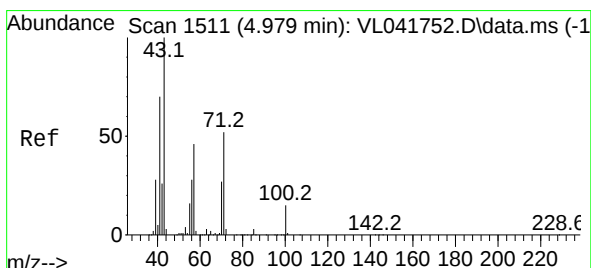
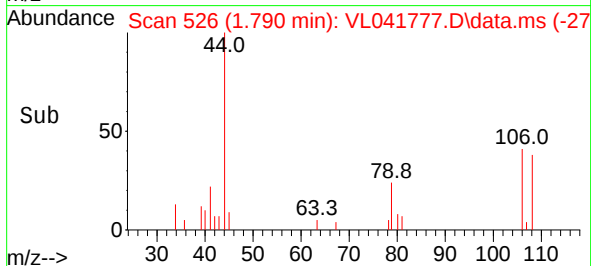
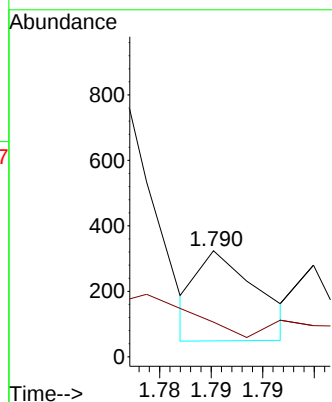
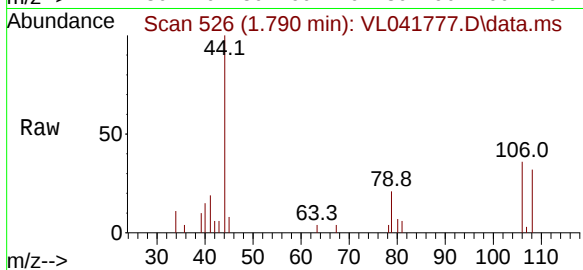
ClientSampleId :

Tgt Ion: 41 Resp: 111

Ion Ratio Lower Upper

41 100

42 60.4 52.4 78.6



#10

Heptane

Concen: 0.125 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VL041777.D

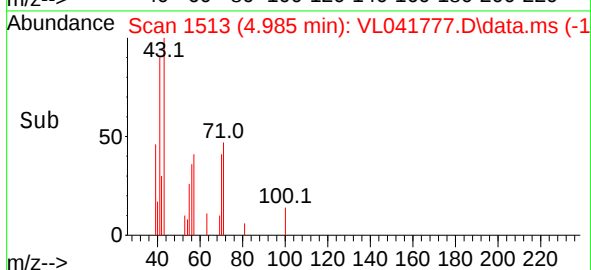
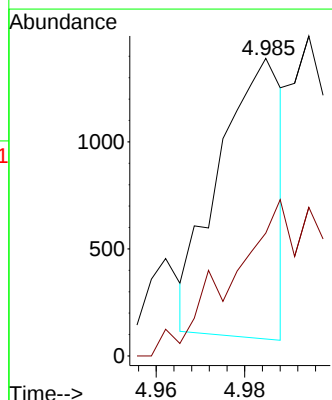
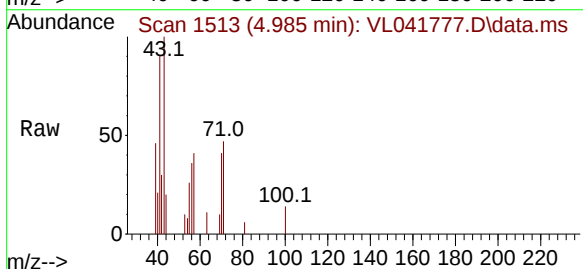
Acq: 17 Dec 2024 14:13

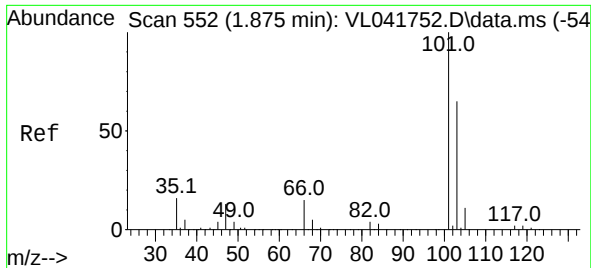
Tgt Ion: 43 Resp: 1286

Ion Ratio Lower Upper

43 100

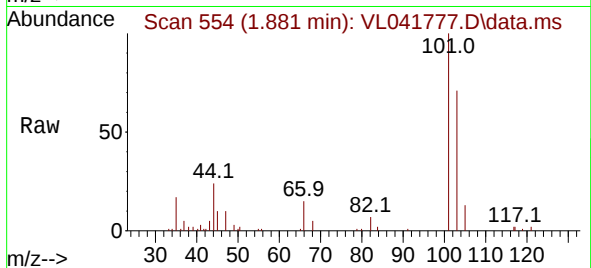
57 99.9 38.5 57.7#



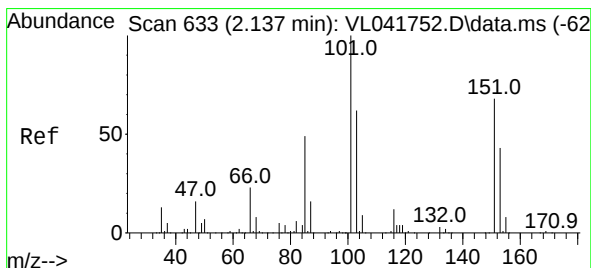
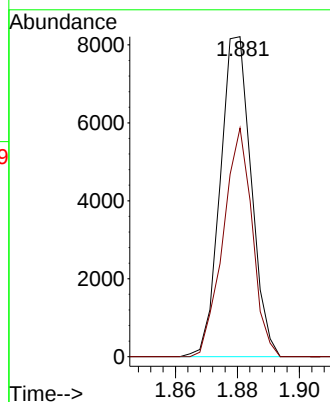
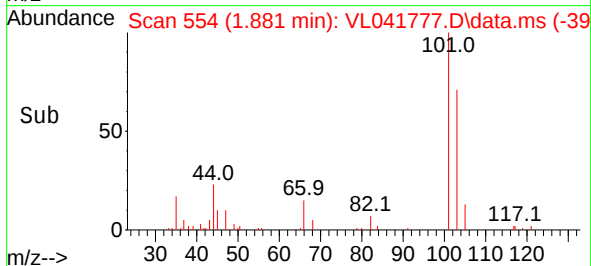


#11
 Trichlorofluoromethane
 Concen: 0.532 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13

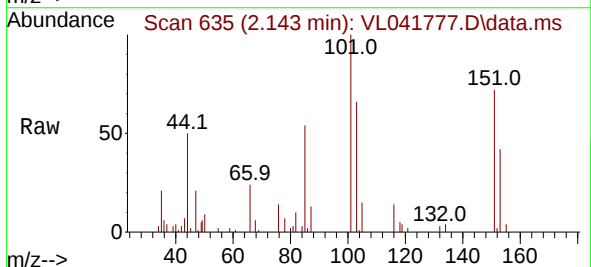
Instrument :
 MSVOA_L
 ClientSampleId :



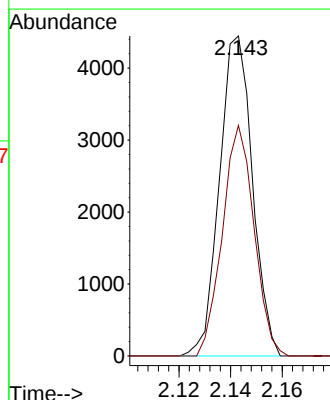
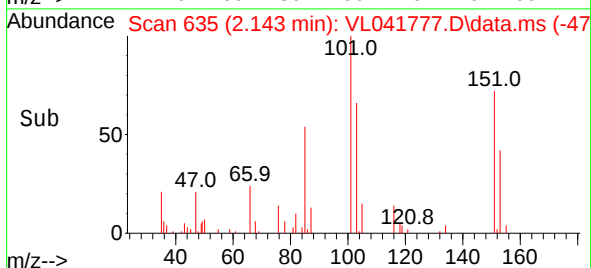
Tgt Ion:101 Resp: 5709
 Ion Ratio Lower Upper
 101 100
 103 71.5 51.8 77.8

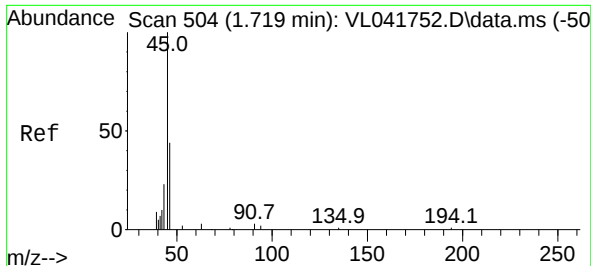


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.485 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.006 min
 Lab File: VL041777.D
 Acq: 17 Dec 2024 14:13



Tgt Ion:101 Resp: 3952
 Ion Ratio Lower Upper
 101 100
 151 69.2 56.8 85.2





#13

Ethanol

Concen: 1.771 ppbv

RT: 1.725 min Scan# 506

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

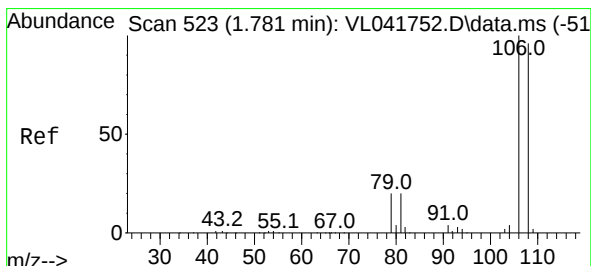
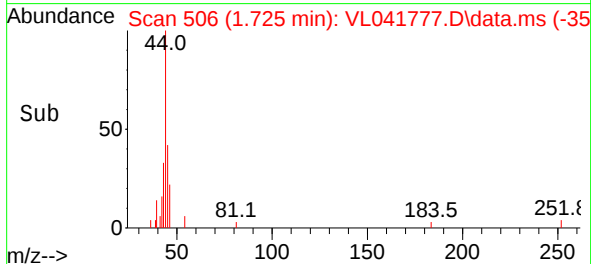
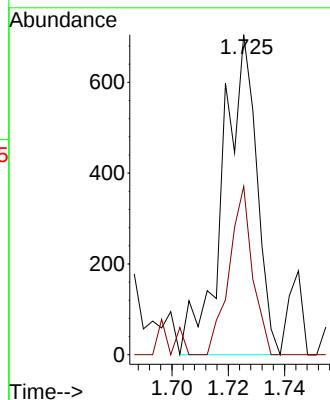
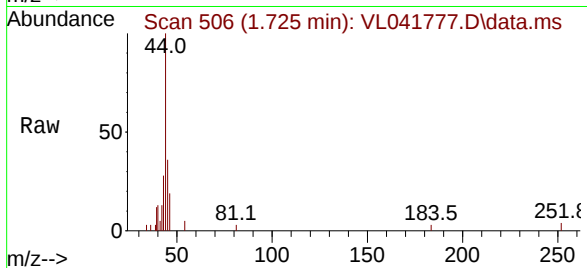
ClientSampleId :

Tgt Ion: 45 Resp: 588

Ion Ratio Lower Upper

45 100

46 40.8 16.4 65.8



#14

Bromoethene

Concen: 0.401 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

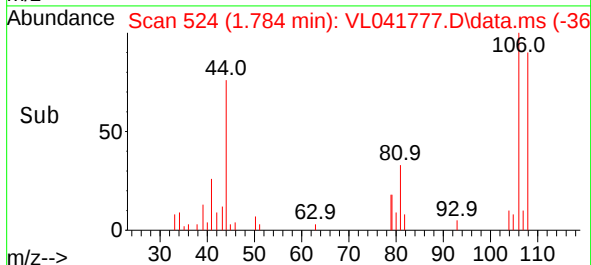
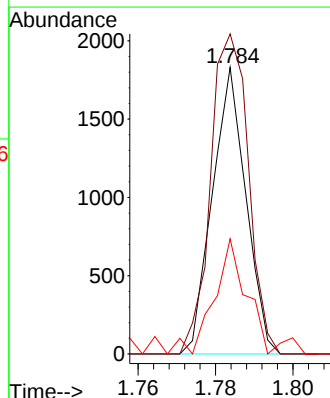
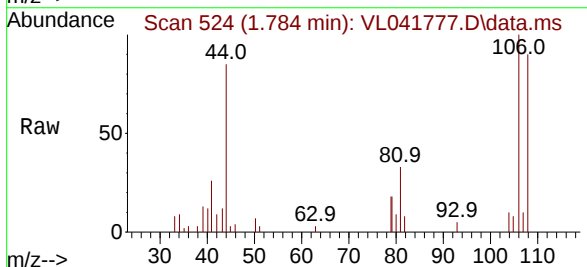
Tgt Ion: 108 Resp: 1104

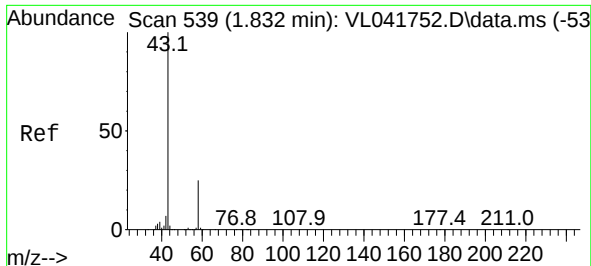
Ion Ratio Lower Upper

108 100

106 125.6 84.1 126.1

79 45.3 17.4 26.0#





#15

Acetone

Concen: 0.605 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

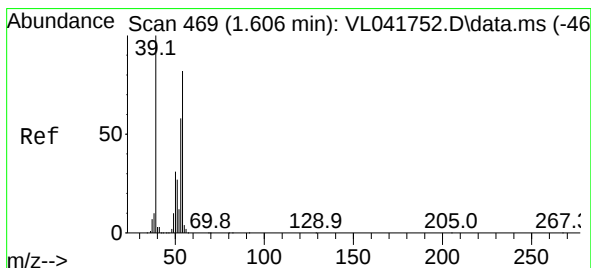
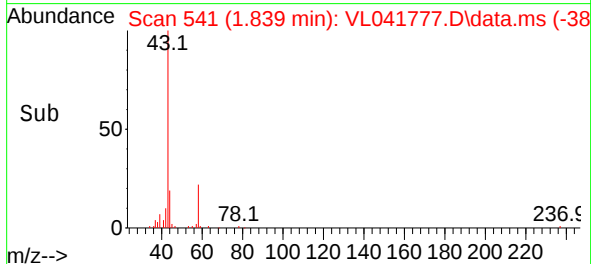
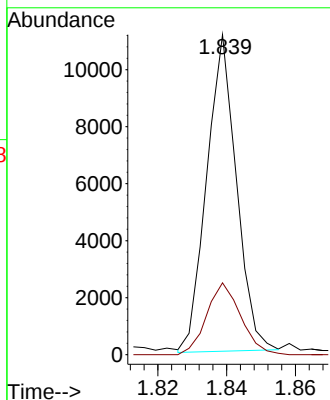
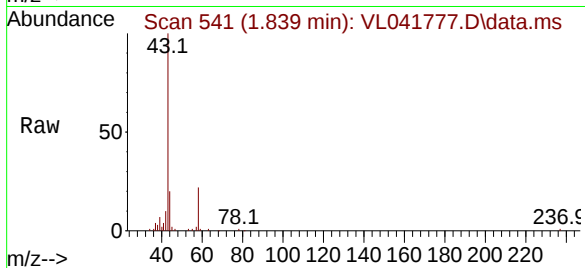
ClientSampleId :

Tgt Ion: 43 Resp: 6680

Ion Ratio Lower Upper

43 100

58 25.9 19.7 29.5



#16

1,3-Butadiene

Concen: 0.547 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041777.D

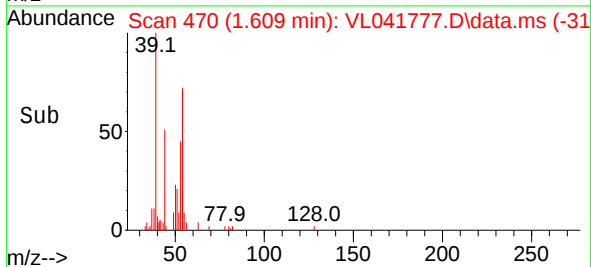
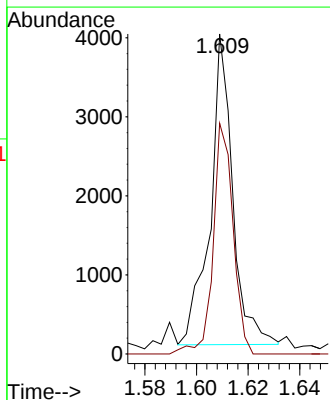
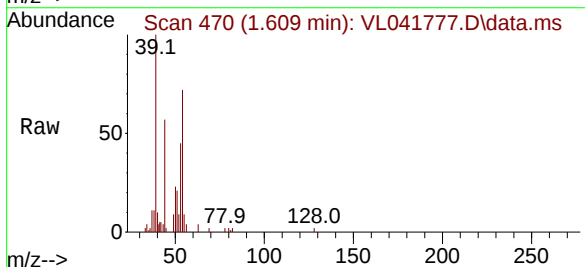
Acq: 17 Dec 2024 14:13

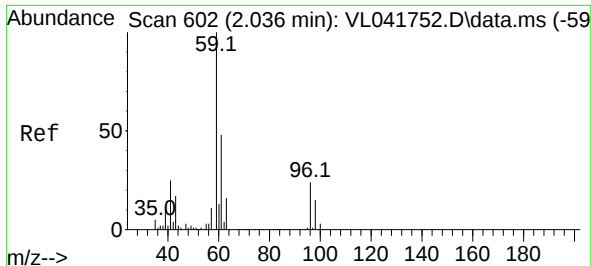
Tgt Ion: 39 Resp: 2378

Ion Ratio Lower Upper

39 100

54 65.5 58.4 87.6

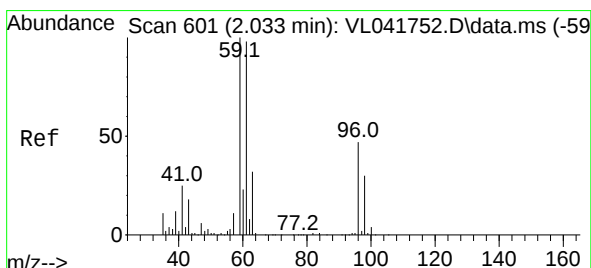
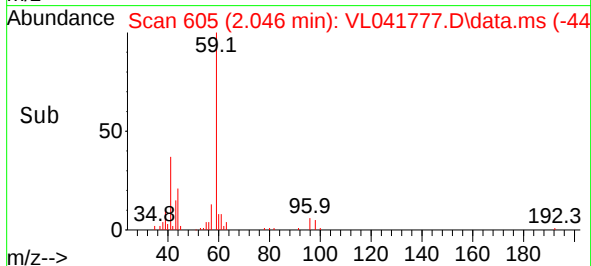
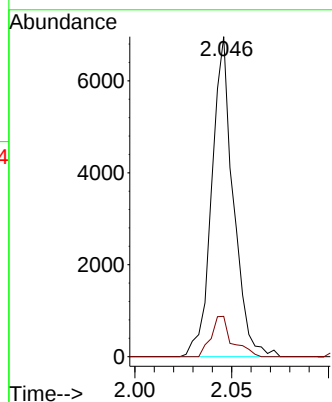
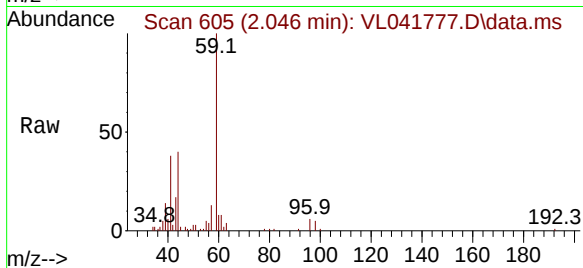




#17
tert-Butyl alcohol
Concen: 0.493 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

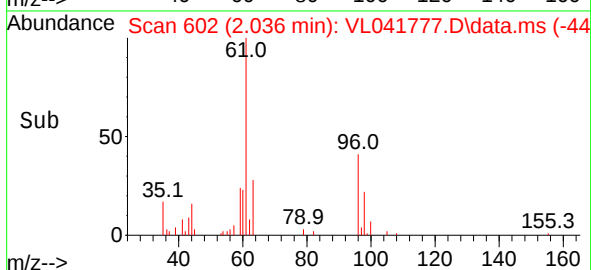
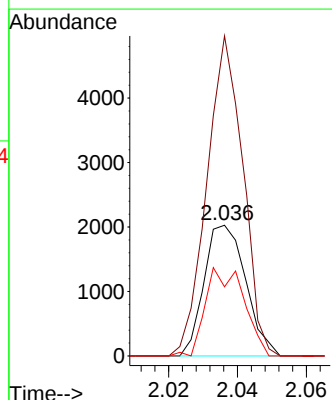
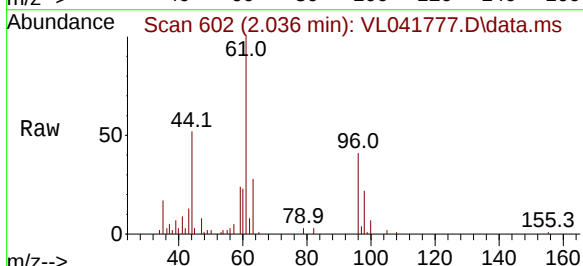
Instrument :
MSVOA_L
ClientSampleId :

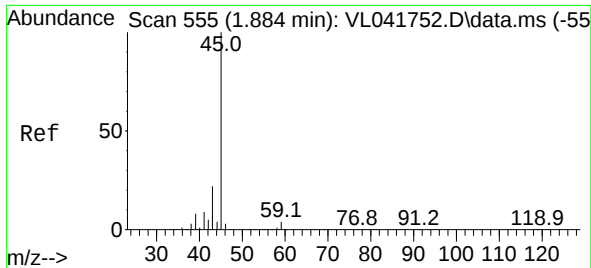
Tgt Ion: 59 Resp: 5396
Ion Ratio Lower Upper
59 100
57 12.2 8.6 13.0



#18
1,1-Dichloroethene
Concen: 0.498 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 96 Resp: 1704
Ion Ratio Lower Upper
96 100
61 244.8 167.7 251.5
98 52.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.597 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

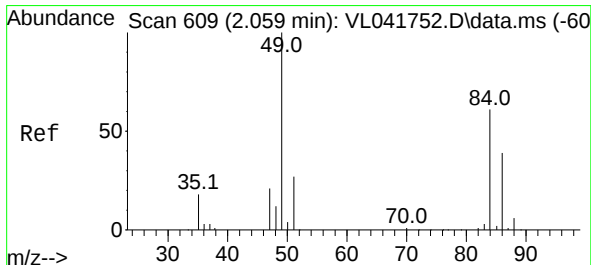
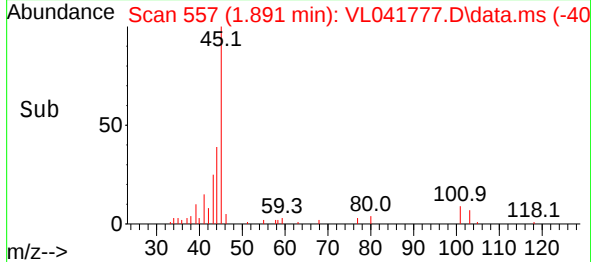
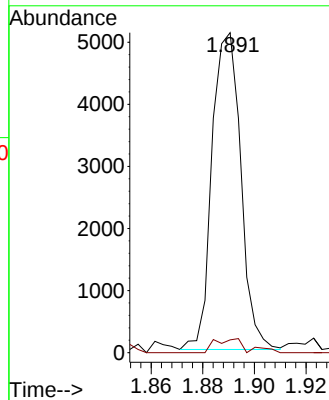
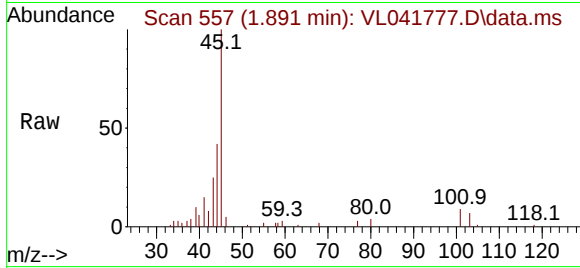
ClientSampleId :

Tgt Ion: 45 Resp: 3955

Ion Ratio Lower Upper

45 100

58 5.0 33.3 49.9#



#20

Methylene Chloride

Concen: 0.626 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 84 Resp: 1971

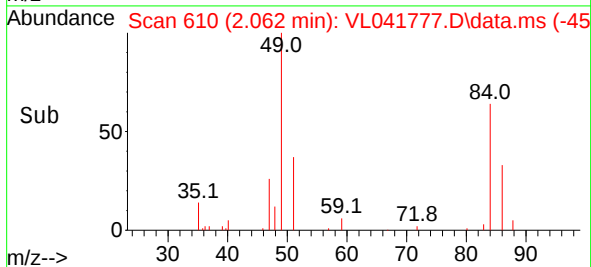
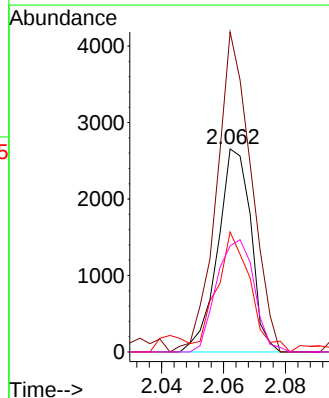
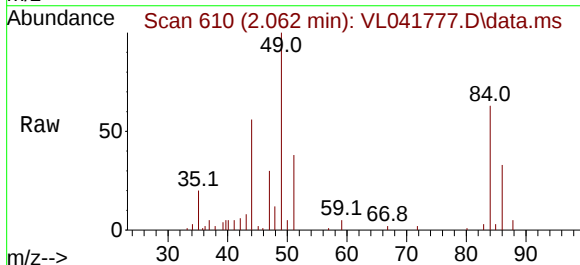
Ion Ratio Lower Upper

84 100

49 157.6 132.6 198.8

51 53.8 37.6 56.4

86 52.2 51.4 77.0





#21

Allyl Chloride

Concen: 0.461 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

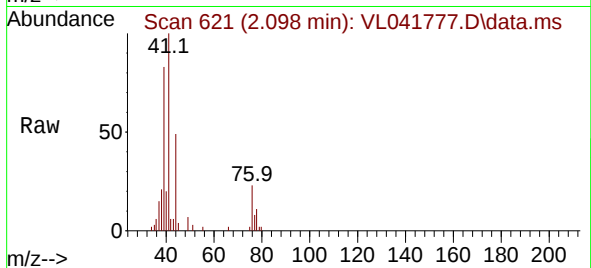
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

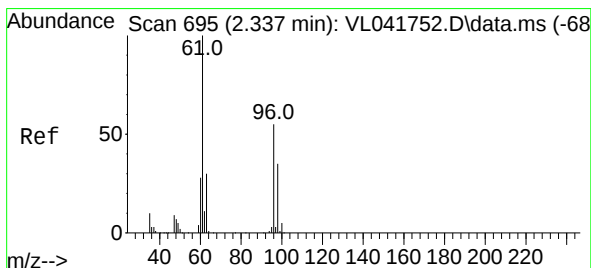
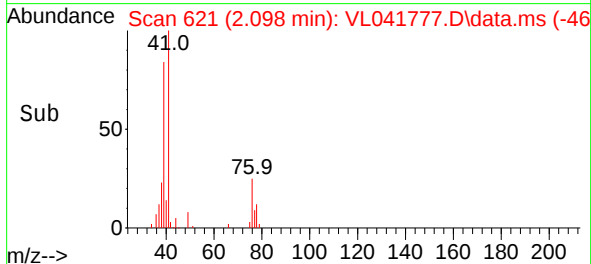
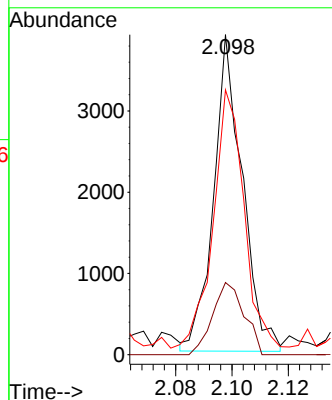
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	2760
Ion	Ratio	Lower	Upper
41	100		
76	25.0	22.3	33.5
39	93.3	69.2	103.8



#22

trans-1,2-Dichloroethene

Concen: 0.438 ppbv

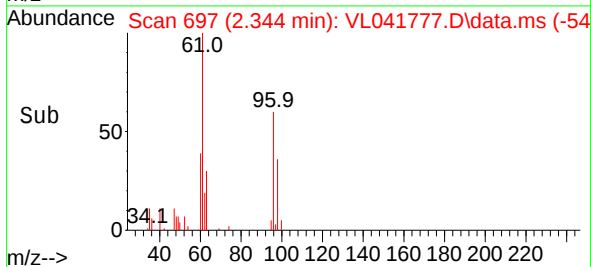
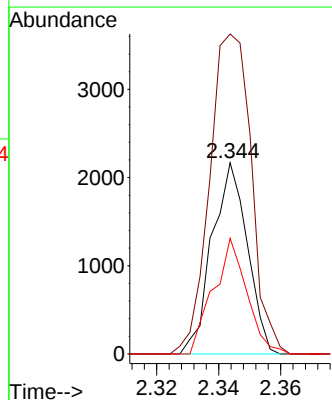
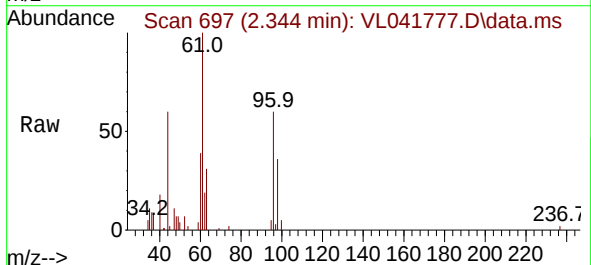
RT: 2.344 min Scan# 697

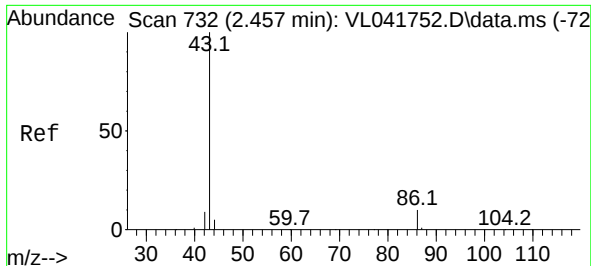
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:	96	Resp:	1715
Ion	Ratio	Lower	Upper
96	100		
61	163.6	146.3	219.5
98	60.5	50.8	76.2





#23

Vinyl Acetate

Concen: 0.335 ppbv

RT: 2.467 min Scan# 715

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 1715

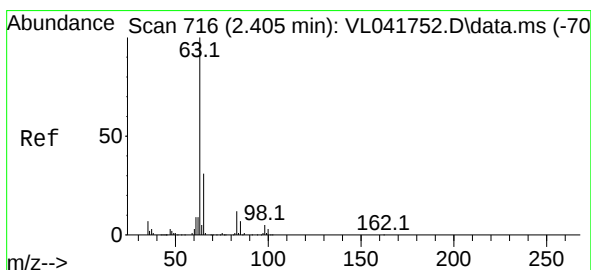
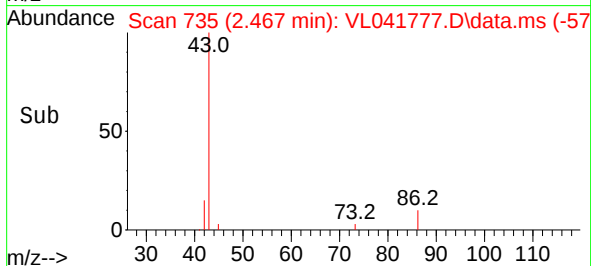
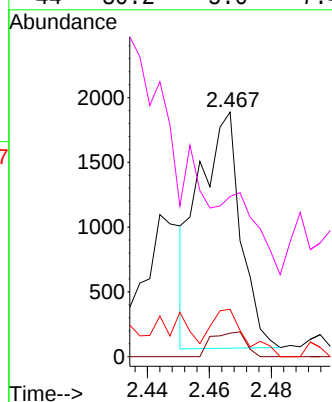
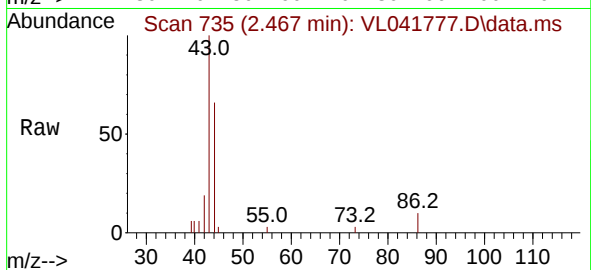
Ion Ratio Lower Upper

43 100

86 10.0 6.6 10.0#

42 20.1 8.2 12.2#

44 30.2 5.0 7.4#



#24

1,1-Dichloroethane

Concen: 0.504 ppbv

RT: 2.412 min Scan# 718

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

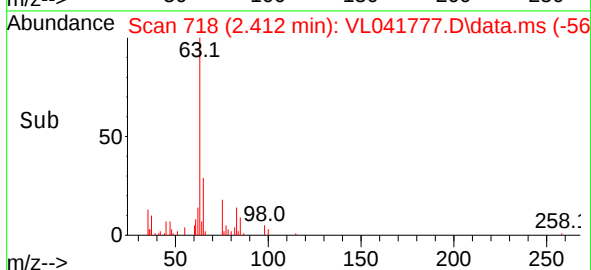
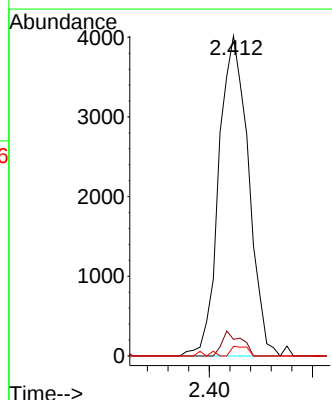
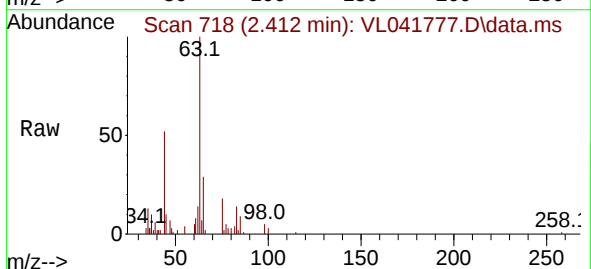
Tgt Ion: 63 Resp: 3993

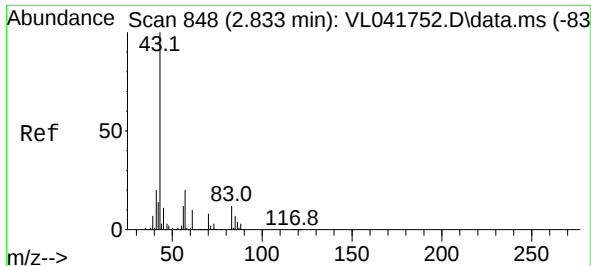
Ion Ratio Lower Upper

63 100

98 5.2 2.3 6.8

100 3.0 1.4 4.2





#25

Ethyl Acetate

Concen: 0.378 ppbv

RT: 2.842 min Scan# 848

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 7770

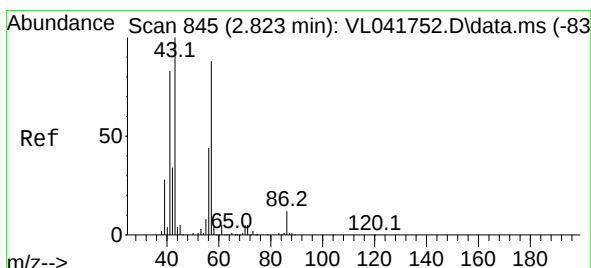
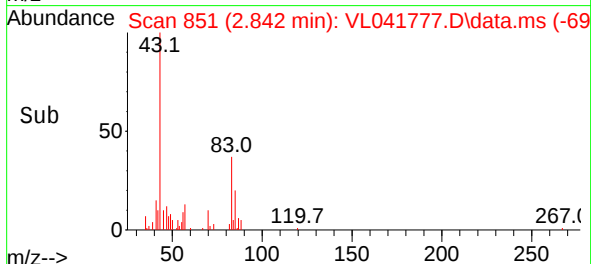
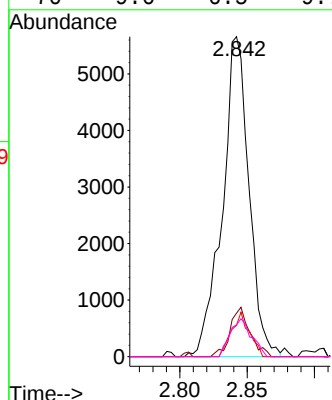
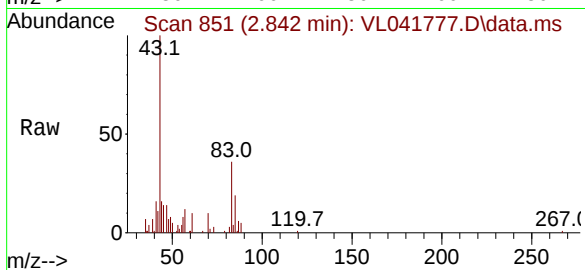
Ion Ratio Lower Upper

43 100

45 11.5 8.1 12.1

61 9.4 7.0 10.6

70 9.6 6.5 9.7



#26

Hexane

Concen: 0.362 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 57 Resp: 2818

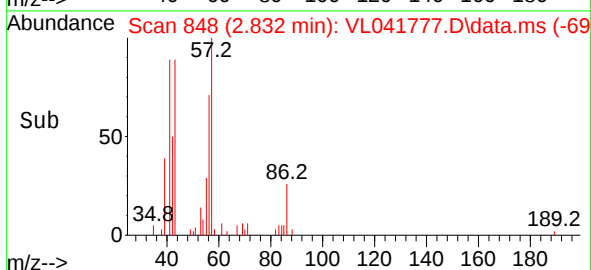
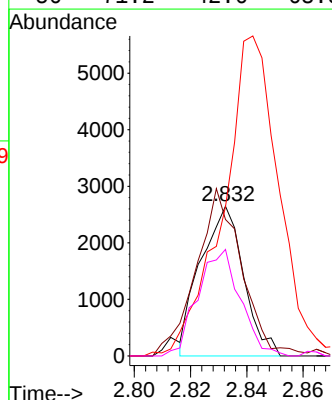
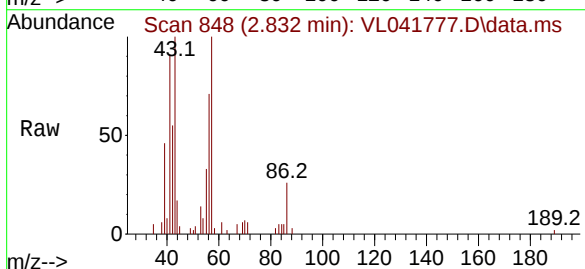
Ion Ratio Lower Upper

57 100

41 118.4 79.6 119.4

43 283.3 211.0 316.6

56 71.2 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.300 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

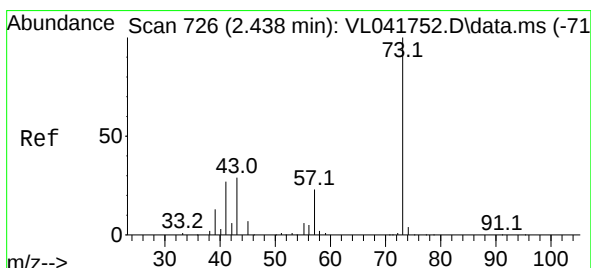
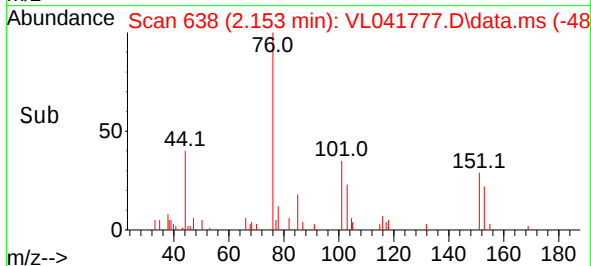
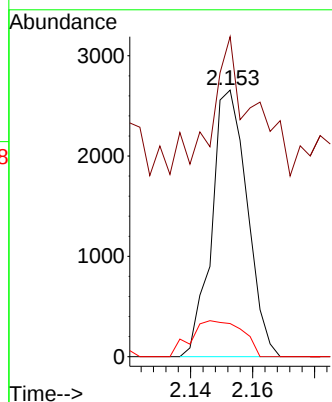
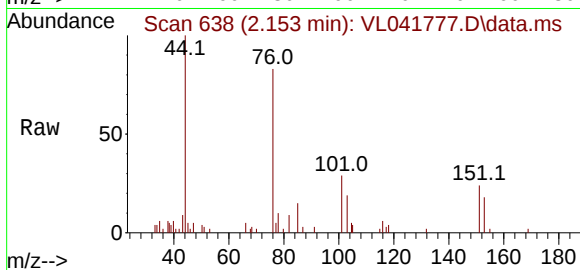
Tgt Ion: 76 Resp: 2108

Ion Ratio Lower Upper

76 100

44 140.0 17.6 26.4#

78 19.6 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.246 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.010 min

Lab File: VL041777.D

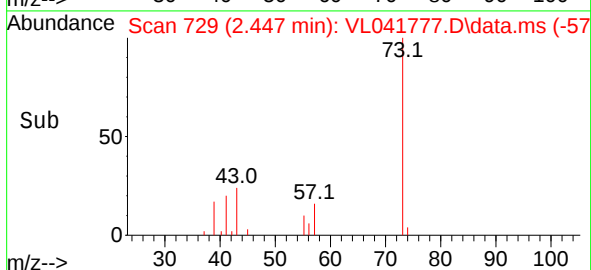
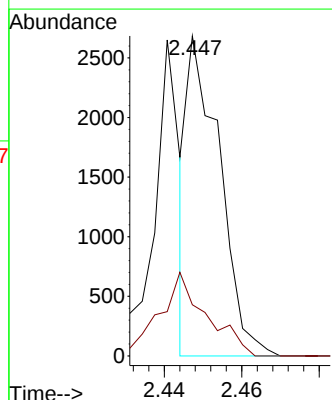
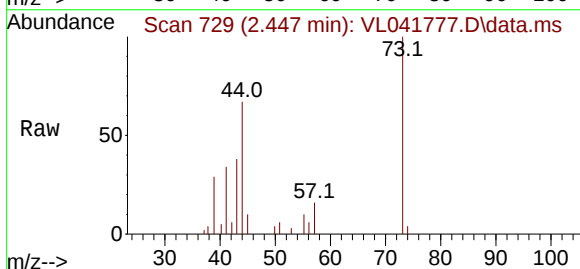
Acq: 17 Dec 2024 14:13

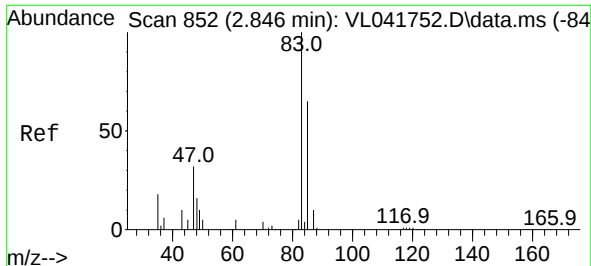
Tgt Ion: 73 Resp: 1553

Ion Ratio Lower Upper

73 100

57 37.9 17.6 26.4#





#29

Chloroform

Concen: 0.496 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

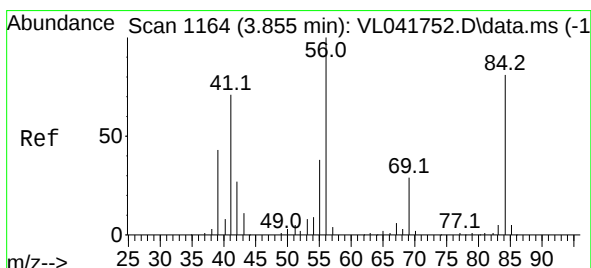
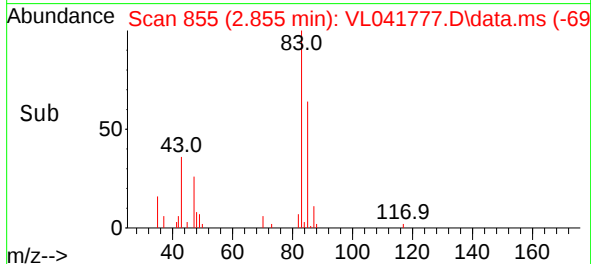
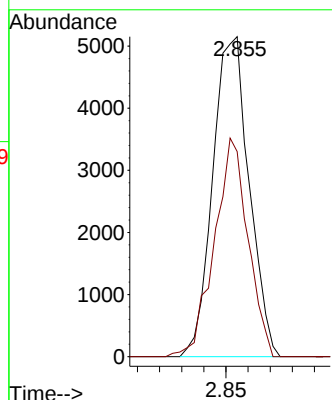
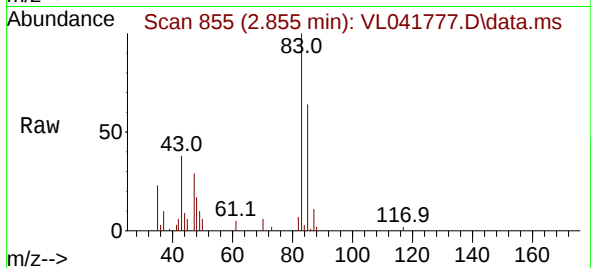
ClientSampleId :

Tgt Ion: 83 Resp: 5887

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6



#30

Cyclohexane

Concen: 0.096 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

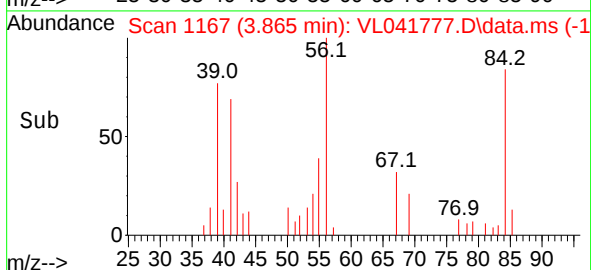
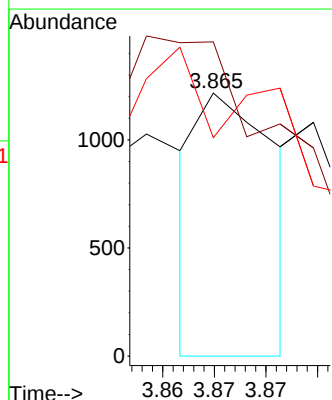
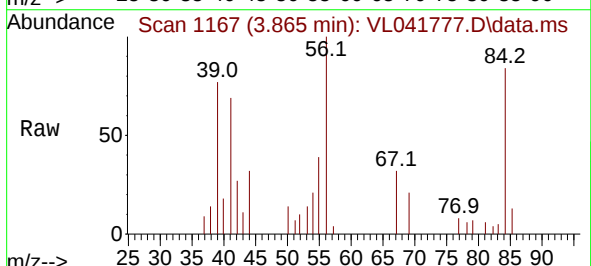
Tgt Ion: 84 Resp: 635

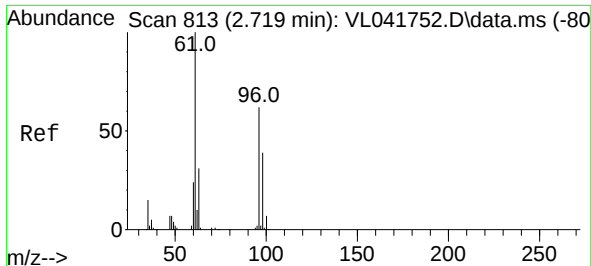
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 0.0 74.0 111.0#

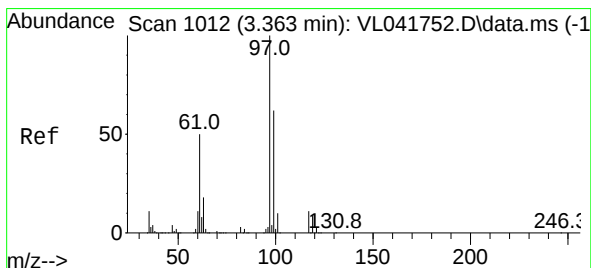
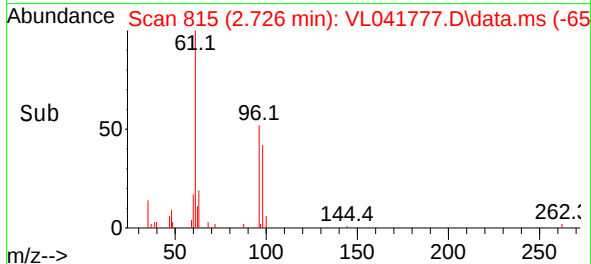
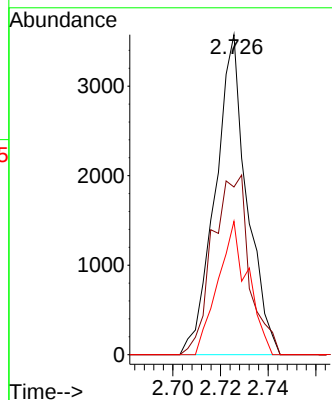
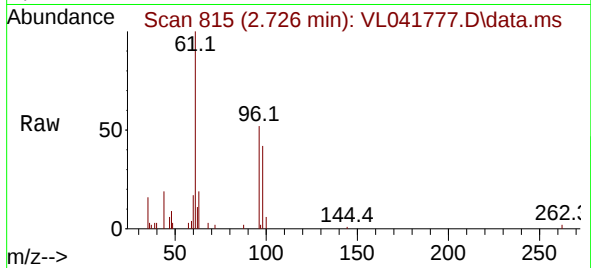




#31
cis-1,2-Dichloroethene
Concen: 0.410 ppbv
RT: 2.726 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

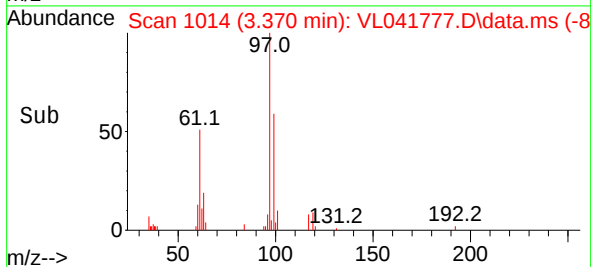
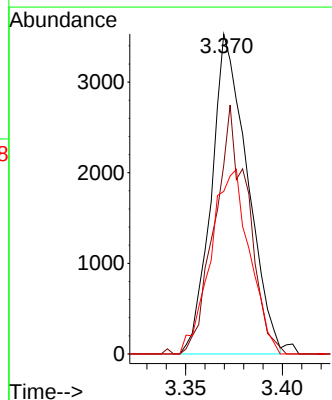
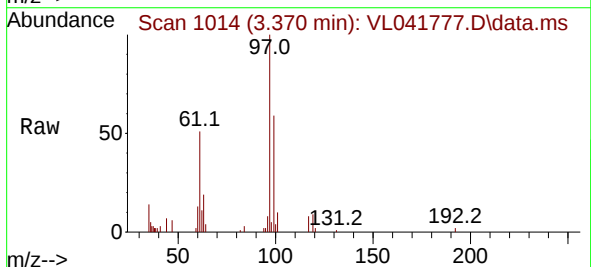
Instrument :
MSVOA_L
ClientSampleId :

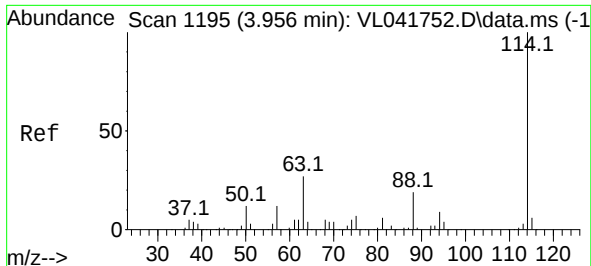
Tgt Ion: 61 Resp: 3300
Ion Ratio Lower Upper
61 100
96 52.4 49.7 74.5
98 41.7 30.8 46.2



#32
1,1,1-Trichloroethane
Concen: 0.378 ppbv
RT: 3.370 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 97 Resp: 4566
Ion Ratio Lower Upper
97 100
99 72.4 51.0 76.4
61 62.5 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: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

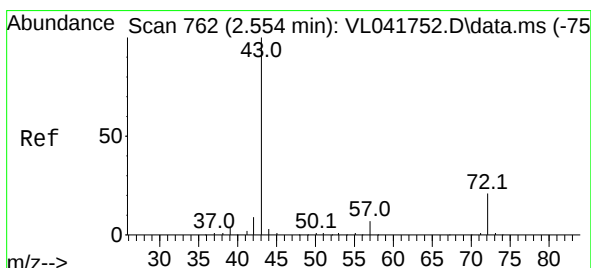
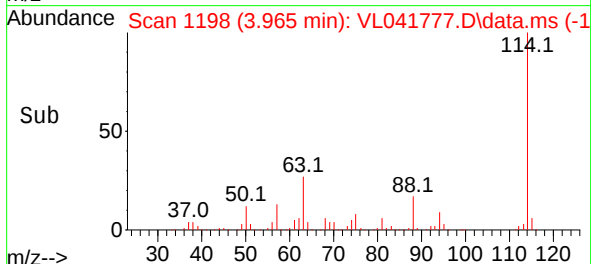
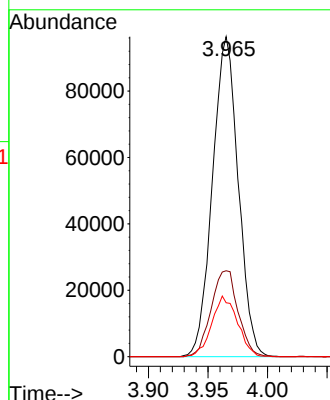
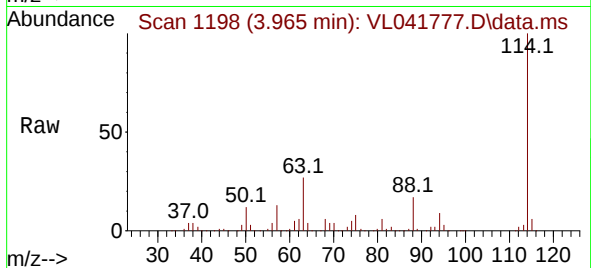
Tgt Ion:114 Resp: 144763

Ion Ratio Lower Upper

114 100

63 28.1 21.8 32.8

88 19.0 14.8 22.2



#34

2-Butanone

Concen: 0.424 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.010 min

Lab File: VL041777.D

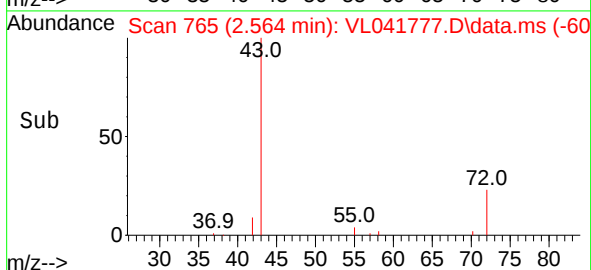
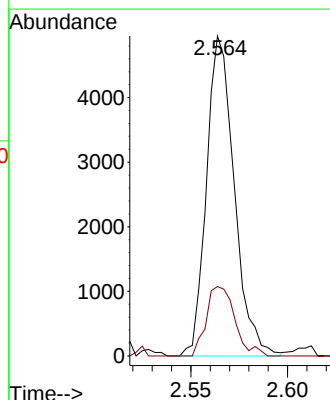
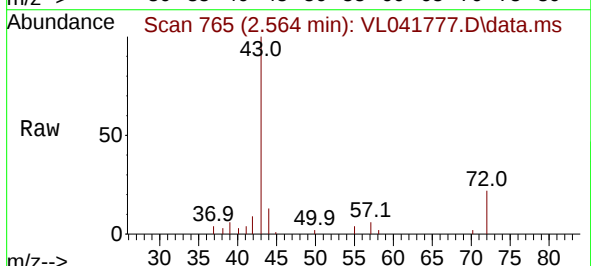
Acq: 17 Dec 2024 14:13

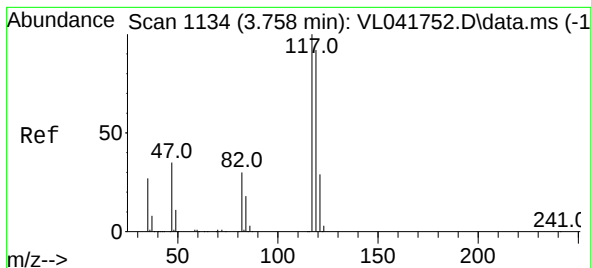
Tgt Ion: 43 Resp: 4940

Ion Ratio Lower Upper

43 100

72 22.3 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.404 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

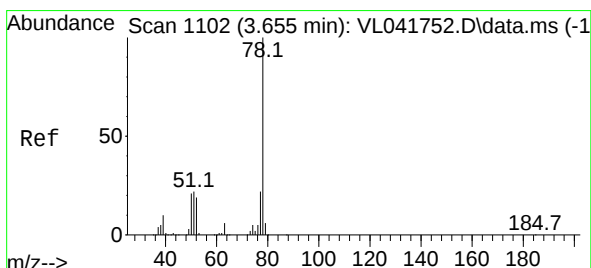
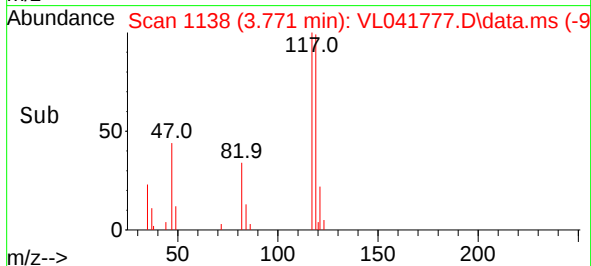
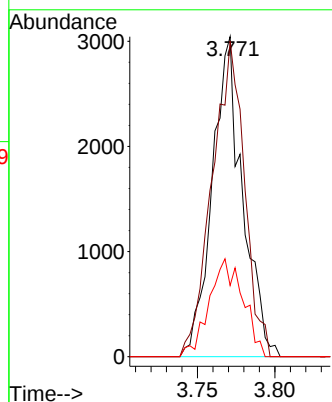
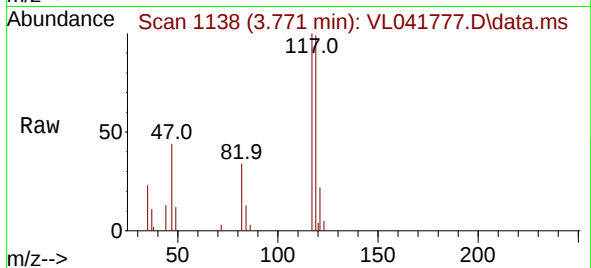
Tgt Ion:117 Resp: 4147

Ion Ratio Lower Upper

117 100

119 98.7 73.7 110.5

121 22.2 23.0 34.4#



#36

Benzene

Concen: 0.215 ppbv

RT: 3.658 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

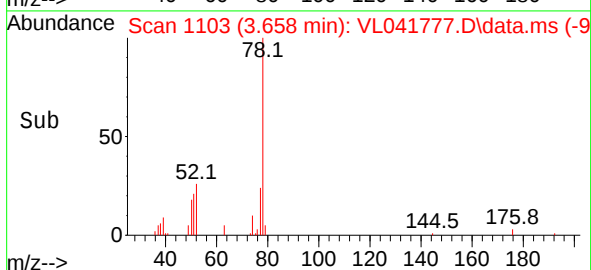
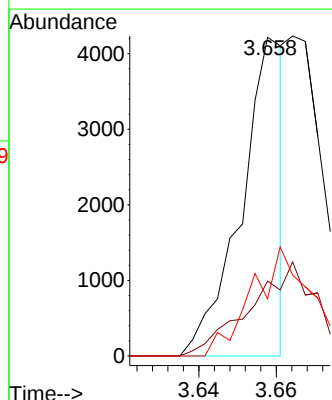
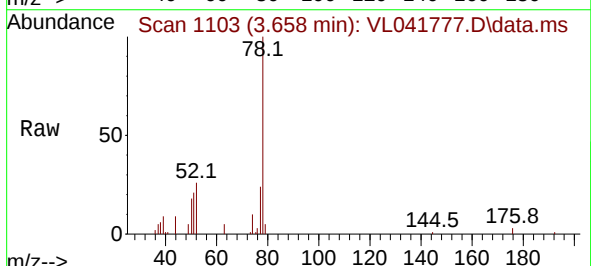
Tgt Ion: 78 Resp: 3212

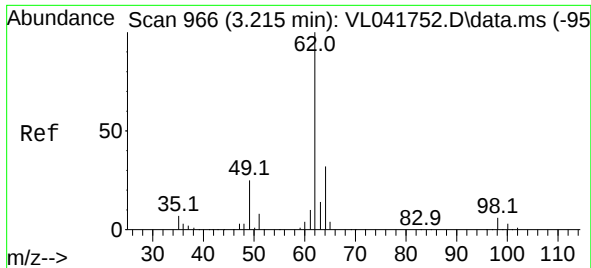
Ion Ratio Lower Upper

78 100

77 23.5 17.8 26.6

50 18.0 17.2 25.8

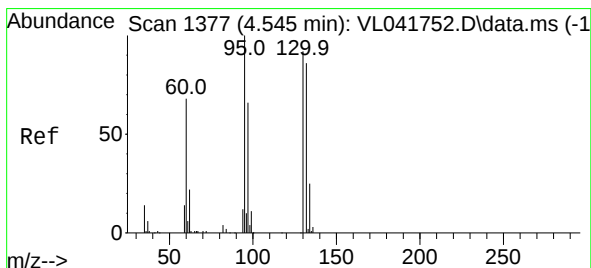
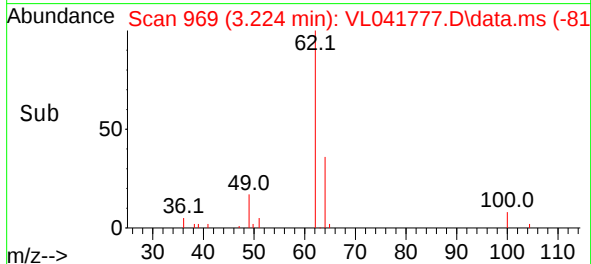
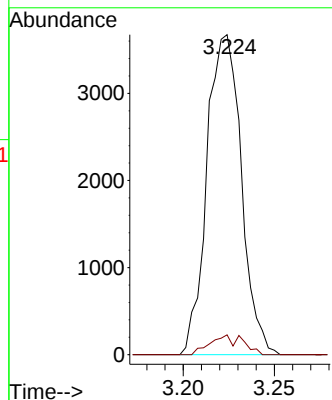
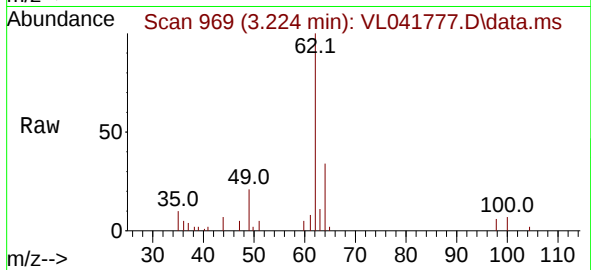




#37
1,2-Dichloroethane
Concen: 0.518 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

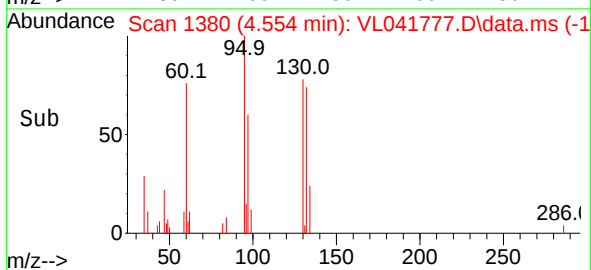
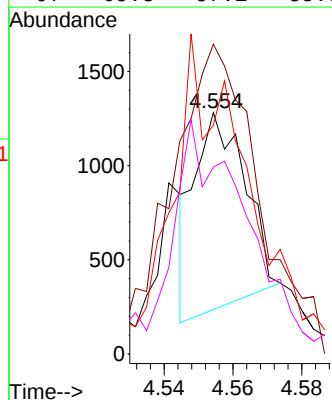
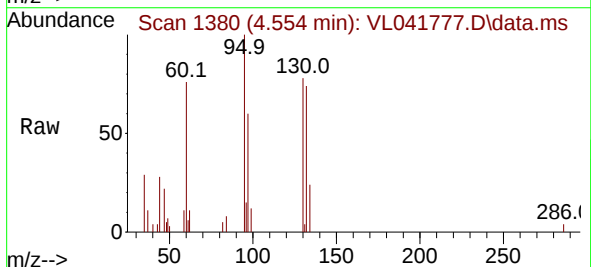
Instrument :
MSVOA_L
ClientSampleId :

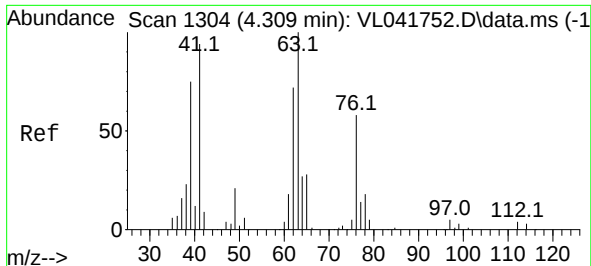
Tgt Ion: 62 Resp: 4822
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1



#38
Trichloroethene
Concen: 0.167 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion:130 Resp: 1059
Ion Ratio Lower Upper
130 100
95 126.7 87.0 130.6
132 72.8 75.0 112.6#
97 65.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.461 ppbv

RT: 4.324 min Scan# 1309

Delta R.T. 0.016 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

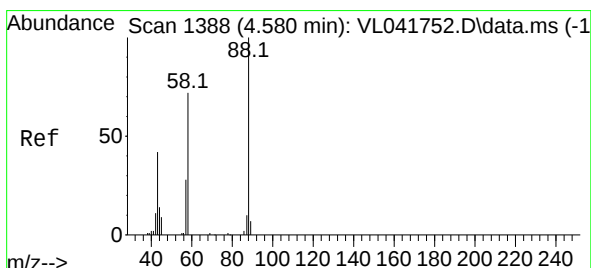
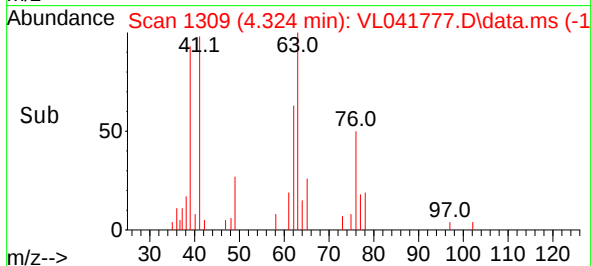
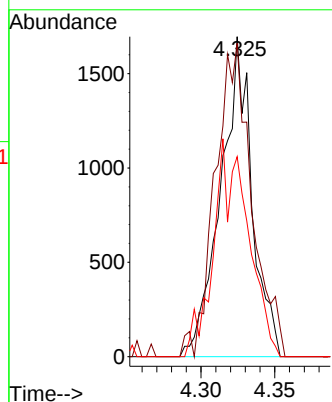
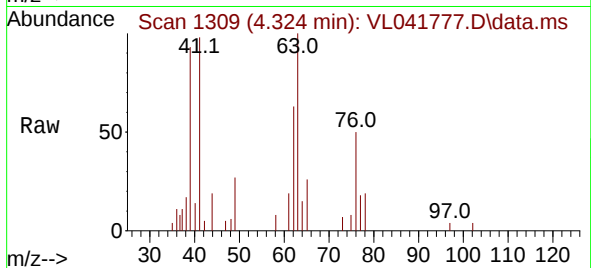
Tgt Ion: 63 Resp: 2495

Ion Ratio Lower Upper

63 100

41 97.9 75.3 112.9

62 62.5 57.3 85.9



#40

1,4-Dioxane

Concen: 0.111 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.032 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 88 Resp: 293

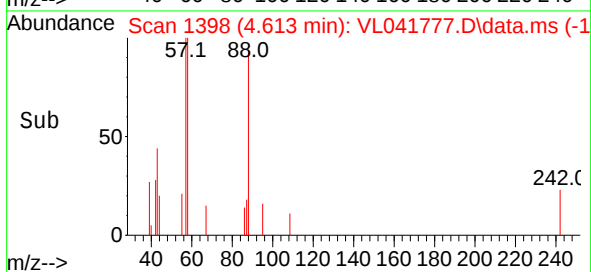
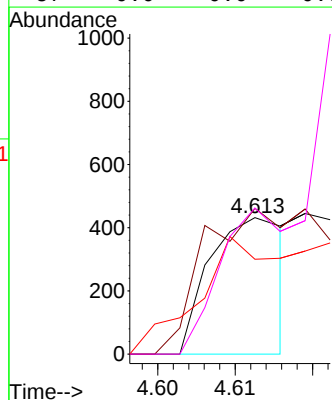
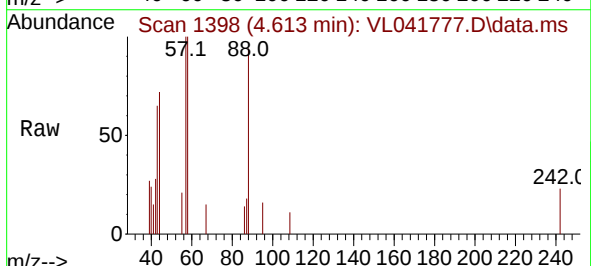
Ion Ratio Lower Upper

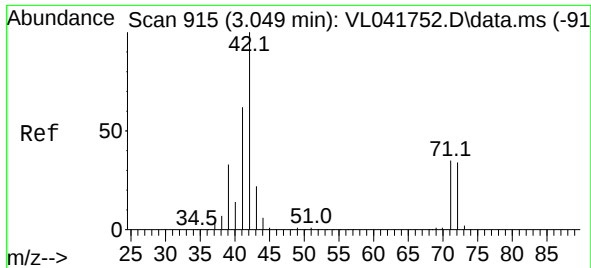
88 100

58 15.4 61.0 91.6#

43 0.0 29.4 44.0#

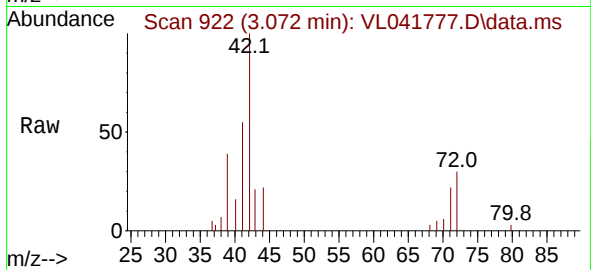
57 0.0 0.0 0.0



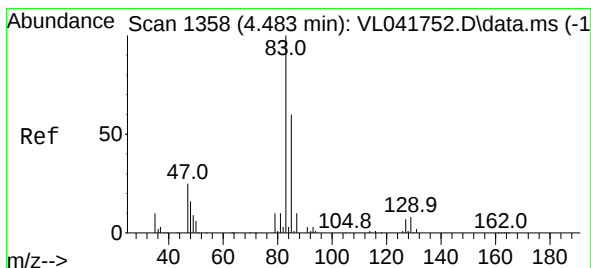
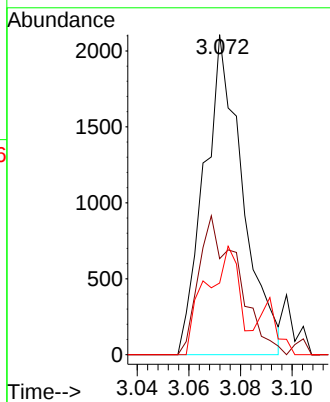
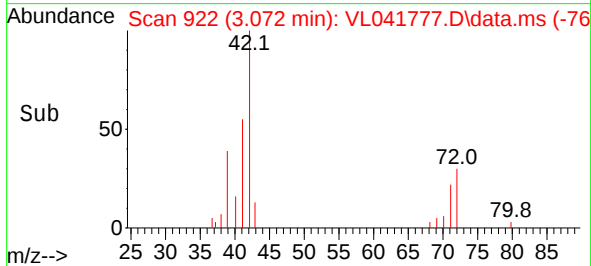


#41
Tetrahydrofuran
Concen: 0.334 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :

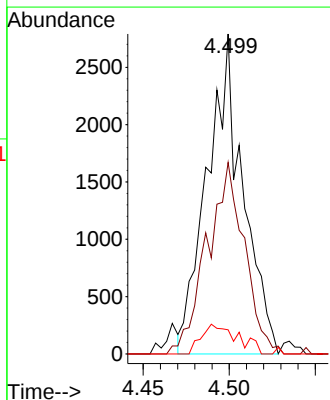
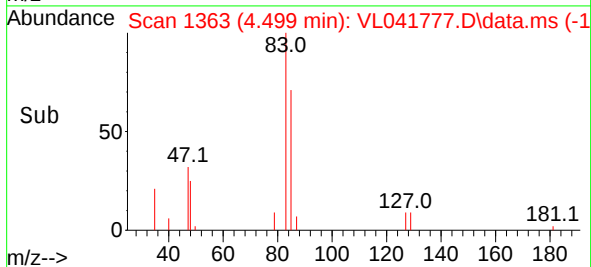
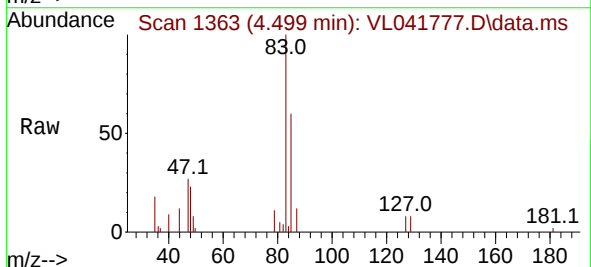


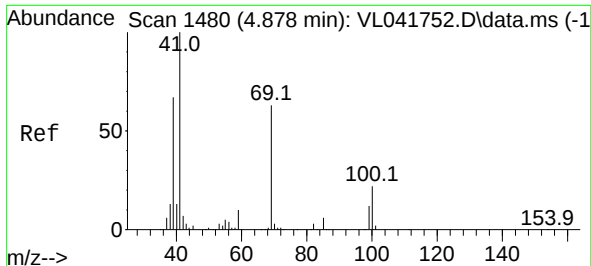
Tgt Ion: 42 Resp: 2178
Ion Ratio Lower Upper
42 100
72 46.0 29.1 43.7#
71 37.7 28.4 42.6



#42
Bromodichloromethane
Concen: 0.377 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.016 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion: 83 Resp: 4037
Ion Ratio Lower Upper
83 100
85 57.4 48.0 72.0
127 7.6 5.8 8.8





#43

Methyl Methacrylate

Concen: 0.192 ppbv

RT: 4.891 min Scan# 1410

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

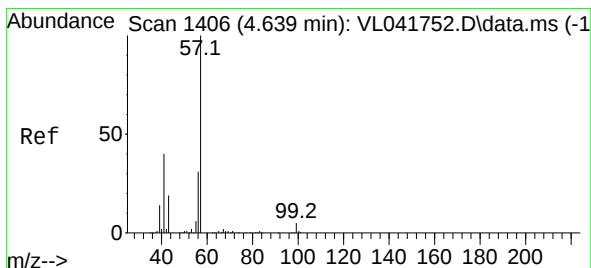
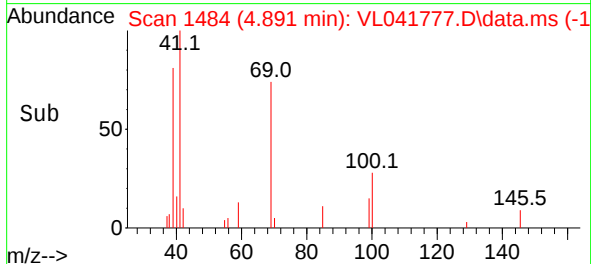
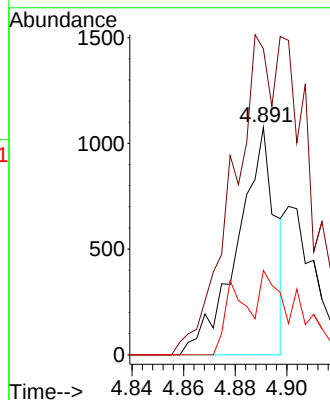
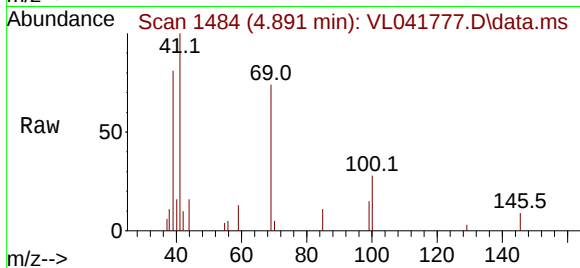
Tgt Ion: 69 Resp: 1097

Ion Ratio Lower Upper

69 100

41 280.0 130.3 195.5#

100 57.1 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.229 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

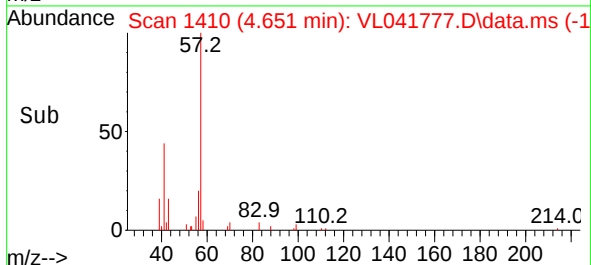
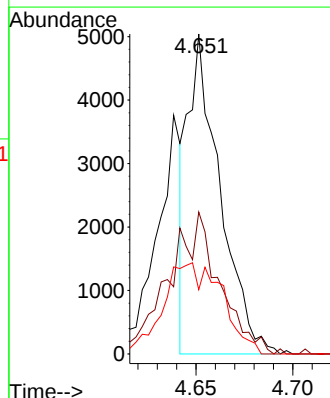
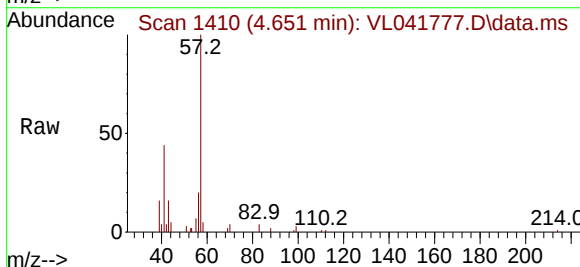
Tgt Ion: 57 Resp: 5860

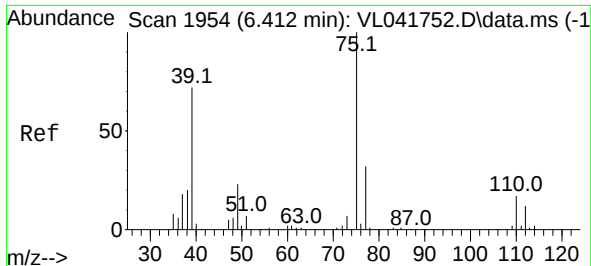
Ion Ratio Lower Upper

57 100

41 70.0 30.7 46.1#

56 52.1 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.286 ppbv

RT: 6.425 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

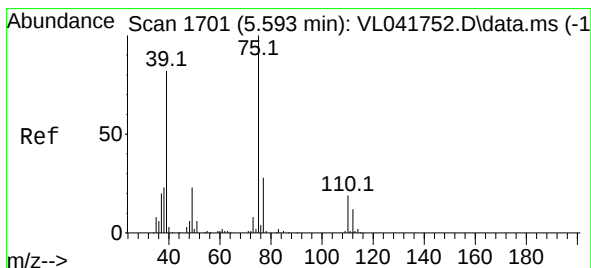
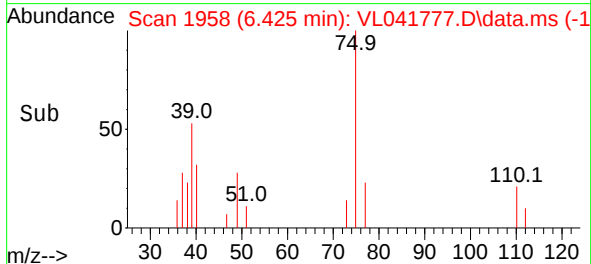
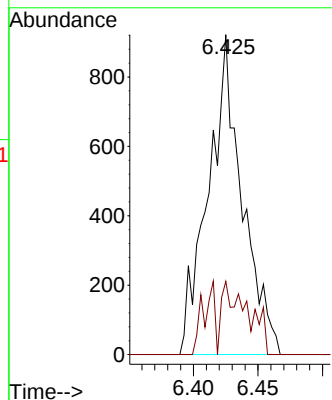
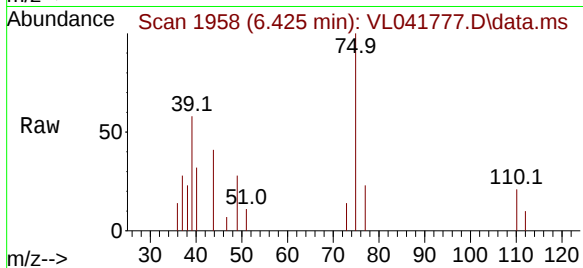
ClientSampleId :

Tgt Ion: 75 Resp: 1686

Ion Ratio Lower Upper

75 100

77 22.9 25.9 38.9#



#46

cis-1,3-Dichloropropene

Concen: 0.121 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

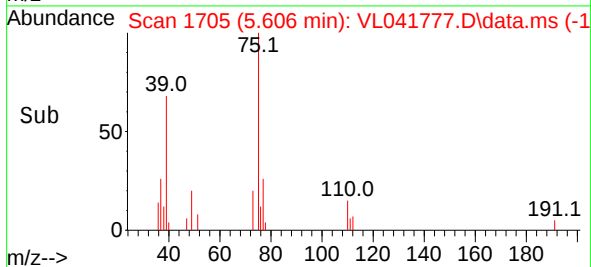
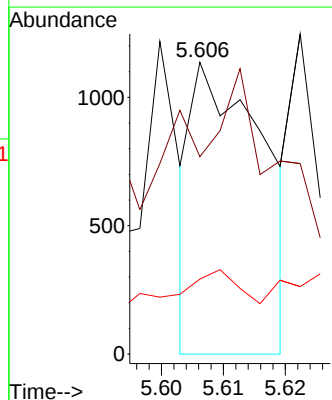
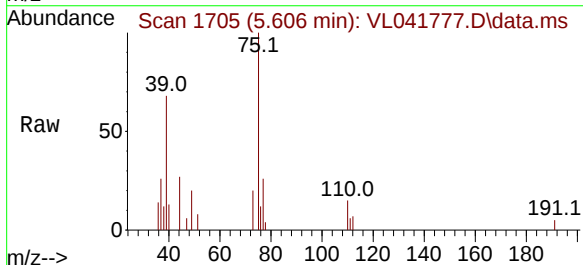
Tgt Ion: 75 Resp: 904

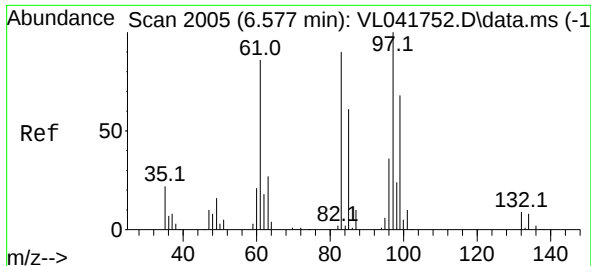
Ion Ratio Lower Upper

75 100

39 4.2 65.2 97.8#

77 14.5 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.235 ppbv

RT: 6.590 min Scan# 2005

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1332

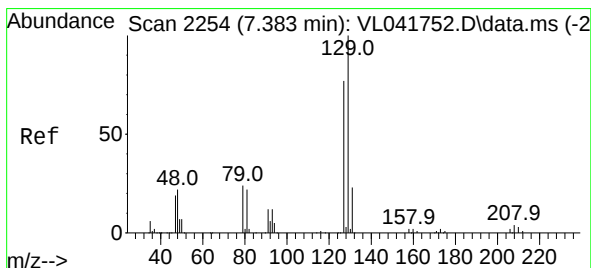
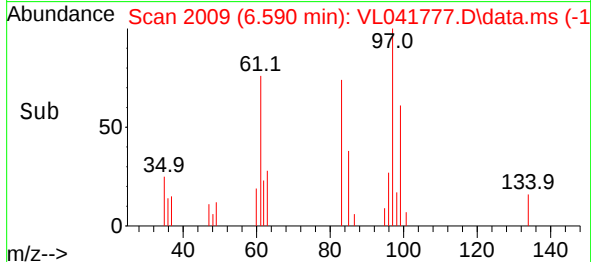
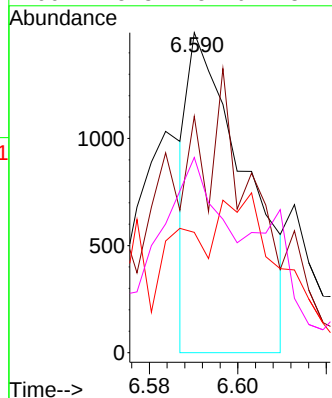
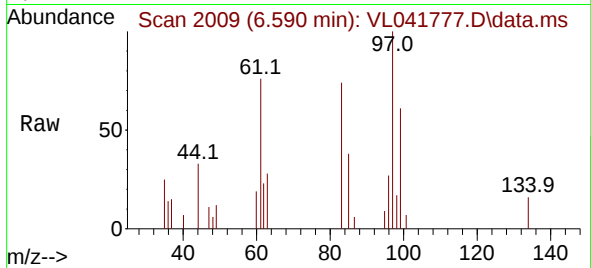
Ion Ratio Lower Upper

97 100

83 75.8 72.3 108.5

85 18.0 48.5 72.7#

99 25.8 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.170 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.013 min

Lab File: VL041777.D

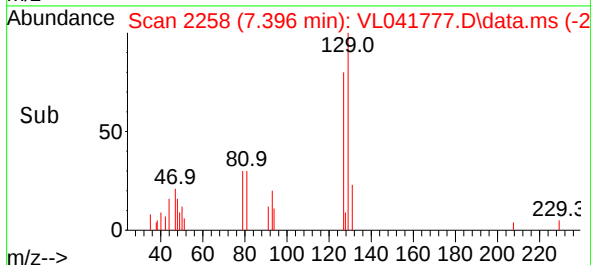
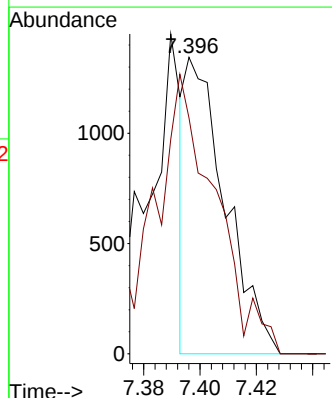
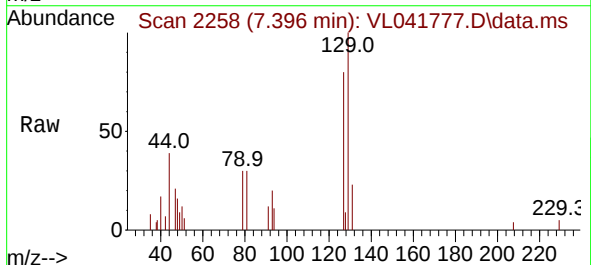
Acq: 17 Dec 2024 14:13

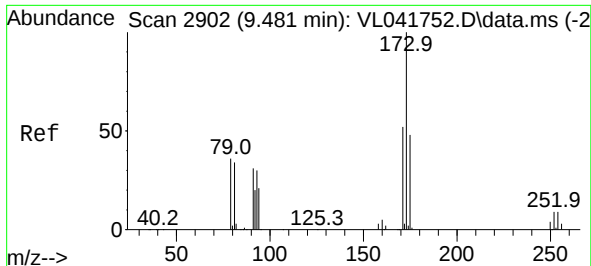
Tgt Ion: 129 Resp: 1312

Ion Ratio Lower Upper

129 100

127 146.3 38.8 116.3#





#49

Bromoform

Concen: 0.291 ppbv

RT: 9.490 min Scan# 2902

Delta R.T. 0.010 min

Lab File: VL041777.D

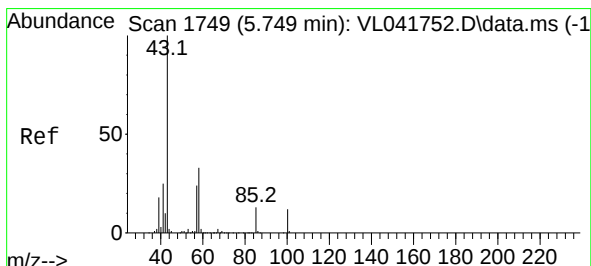
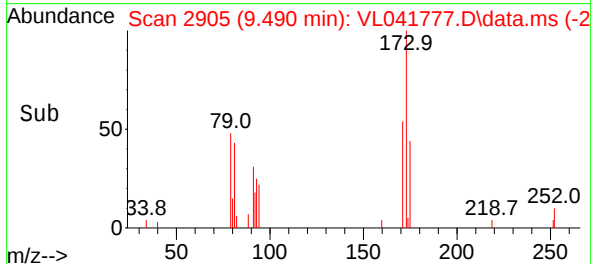
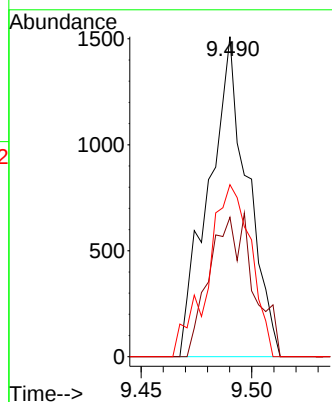
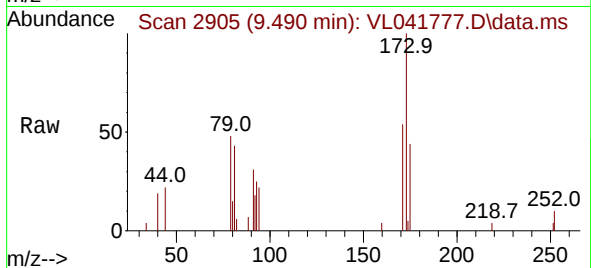
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	1837
Ion Ratio	Lower	Upper
173	100	
175	50.1	38.2 57.2
171	59.7	41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 0.283 ppbv

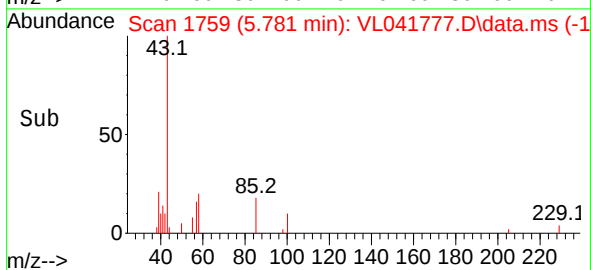
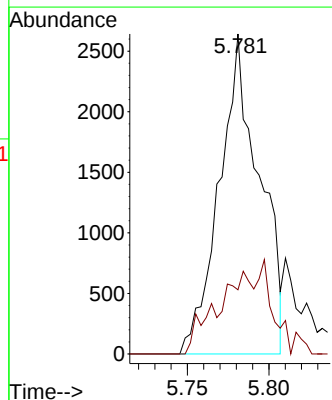
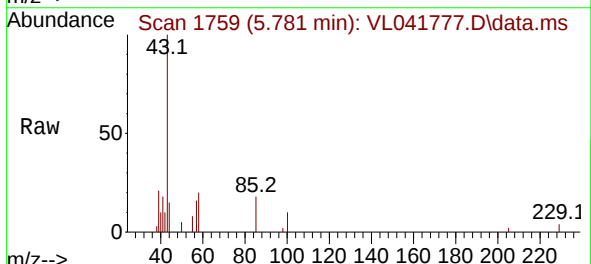
RT: 5.781 min Scan# 1759

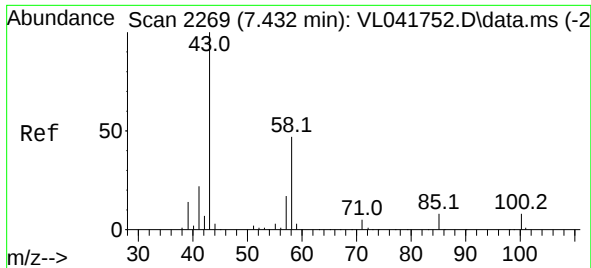
Delta R.T. 0.032 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 43	Resp:	4492
Ion Ratio	Lower	Upper
43	100	
58	0.0	26.8 40.2#

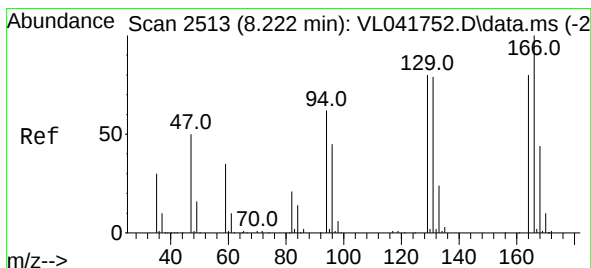
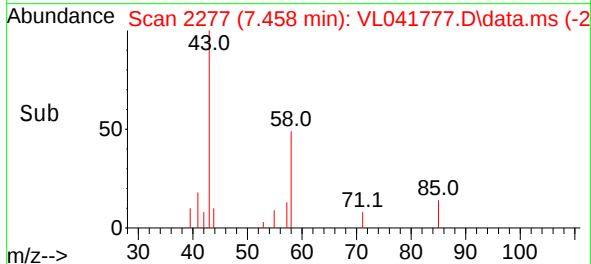
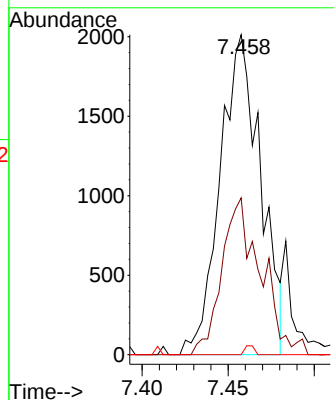
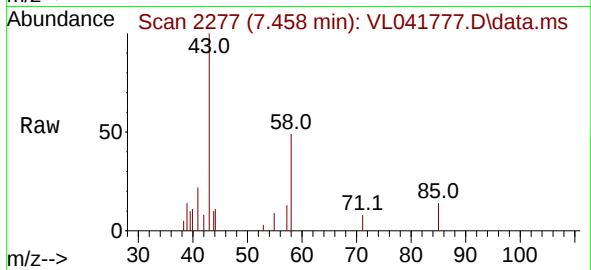




#51
2-Hexanone
Concen: 0.256 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

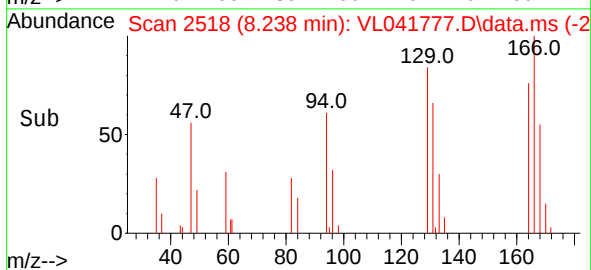
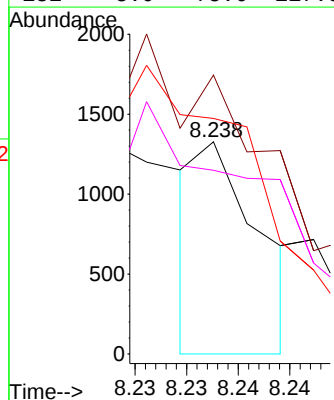
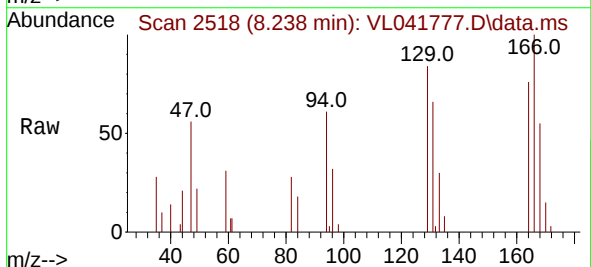
Instrument :
MSVOA_L
ClientSampleId :

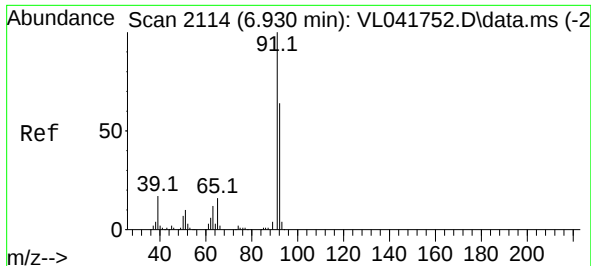
Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
58 47.1 36.6 55.0
98 0.7 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.098 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.016 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion:164 Resp: 548
Ion Ratio Lower Upper
164 100
166 72.9 99.8 149.6#
129 118.2 79.6 119.4
131 8.9 78.6 117.8#





#53

Toluene

Concen: 0.306 ppbv

RT: 6.940 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

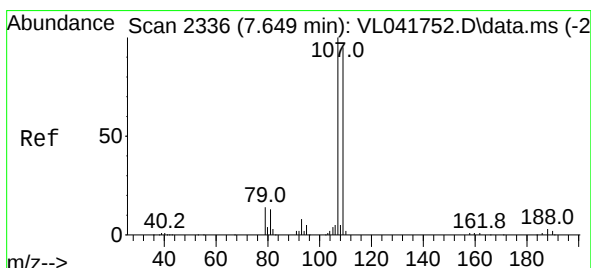
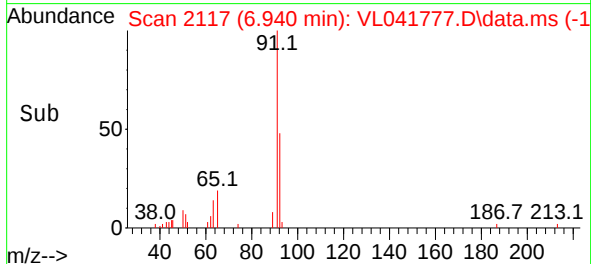
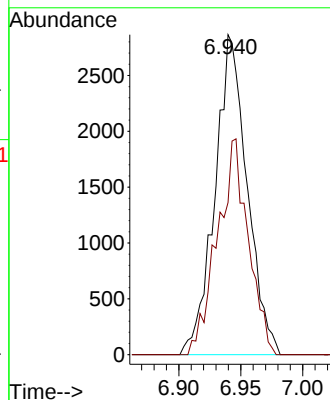
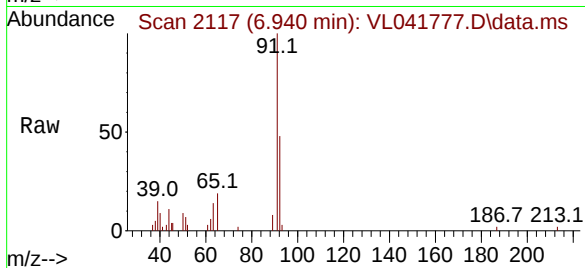
ClientSampleId :

Tgt Ion: 91 Resp: 5195

Ion Ratio Lower Upper

91 100

92 64.7 47.9 71.9



#54

1,2-Dibromoethane

Concen: 0.372 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL041777.D

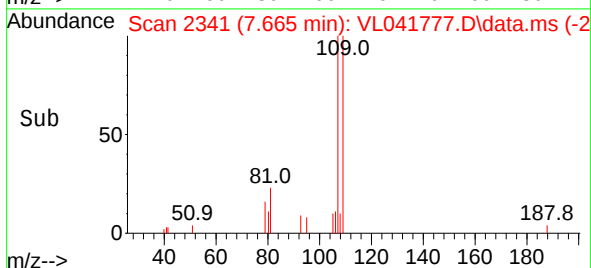
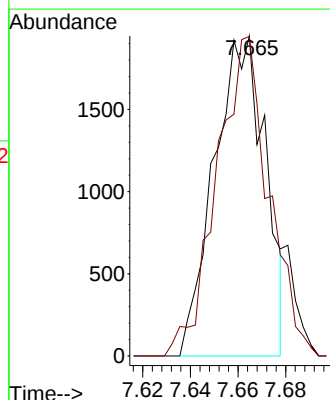
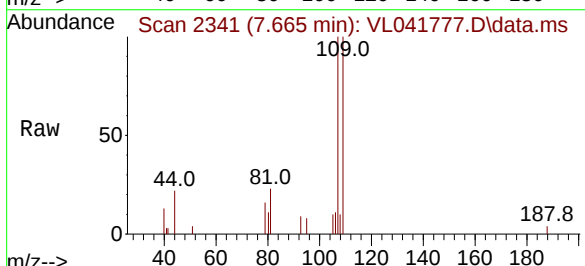
Acq: 17 Dec 2024 14:13

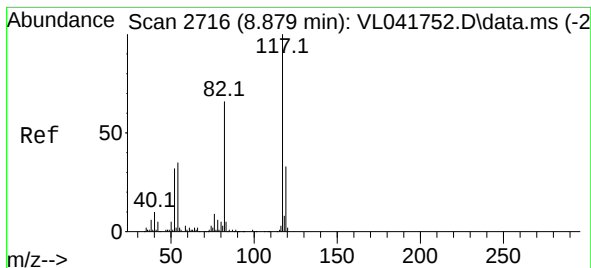
Tgt Ion:107 Resp: 2898

Ion Ratio Lower Upper

107 100

109 90.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.009 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

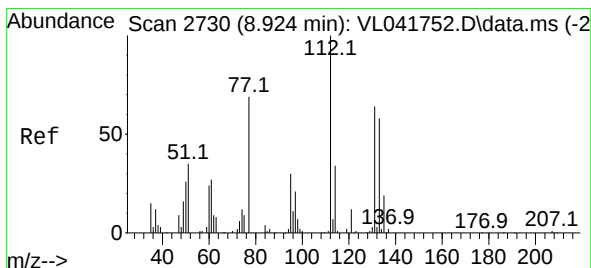
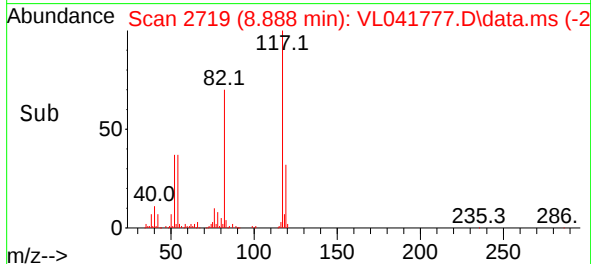
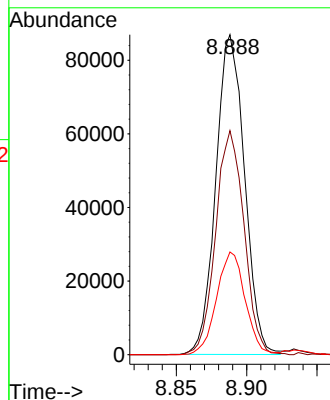
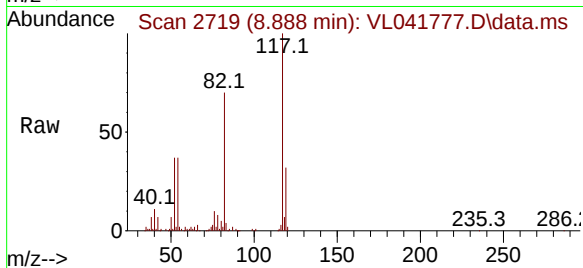
Tgt Ion:117 Resp: 123427

Ion Ratio Lower Upper

117 100

82 69.3 53.8 80.8

119 32.0 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.429 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

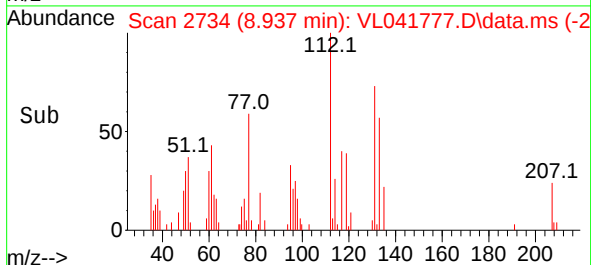
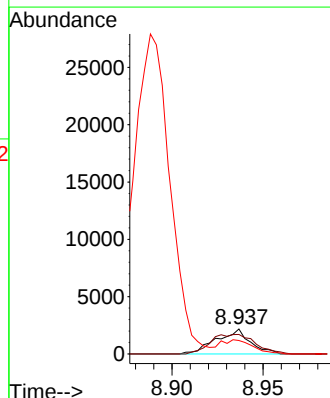
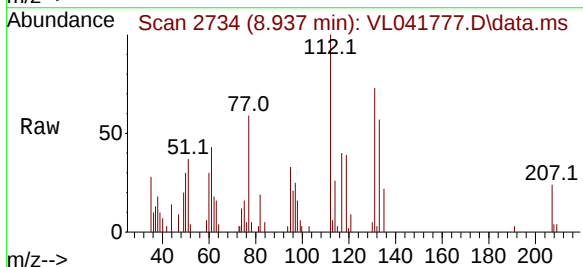
Tgt Ion:131 Resp: 2805

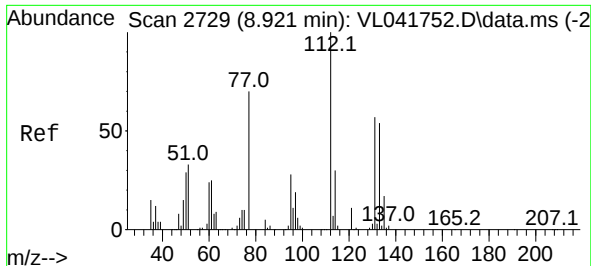
Ion Ratio Lower Upper

131 100

133 104.5 76.8 115.2

119 1461.7 49.0 73.6#





#57

Chlorobenzene

Concen: 0.471 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041777.D

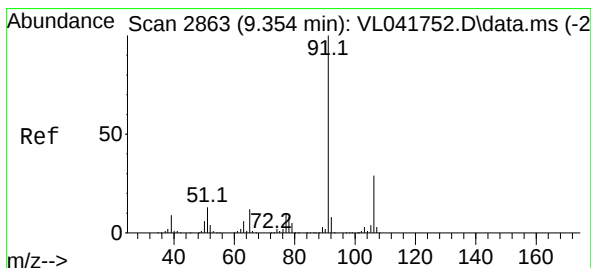
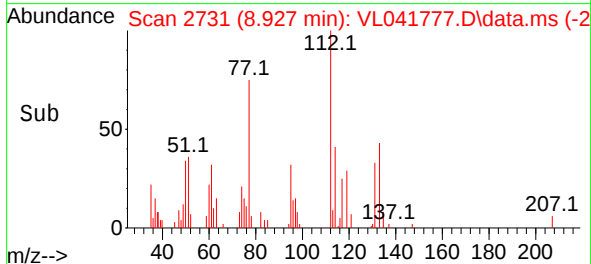
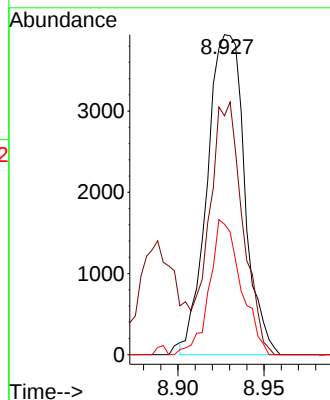
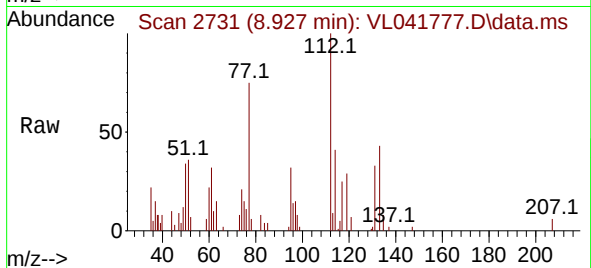
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	5951
Ion	Ratio	Lower Upper
112	100	
77	74.7	57.4 86.0
114	40.8	27.4 33.4#



#58

Ethyl Benzene

Concen: 0.318 ppbv

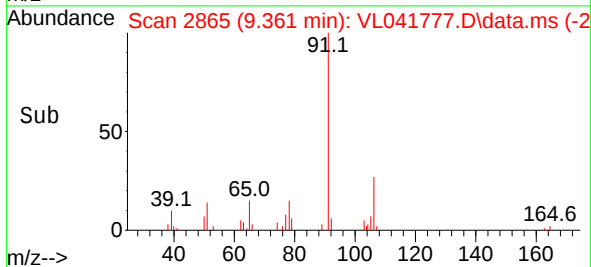
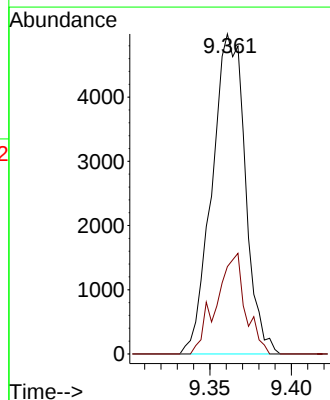
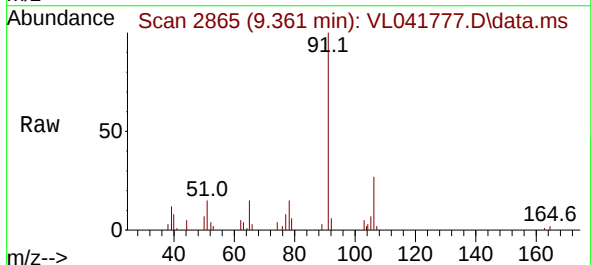
RT: 9.361 min Scan# 2865

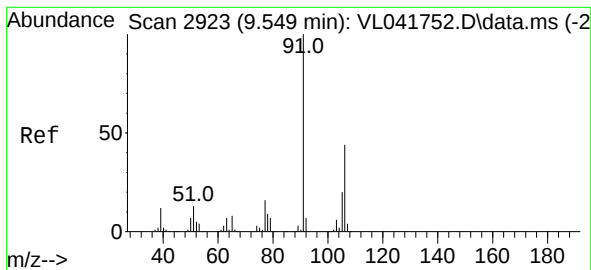
Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 91	Resp:	7056
Ion	Ratio	Lower Upper
91	100	
106	27.3	23.5 35.3





#59

m/p-Xylene

Concen: 0.339 ppbv

RT: 9.558 min Scan# 2923

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

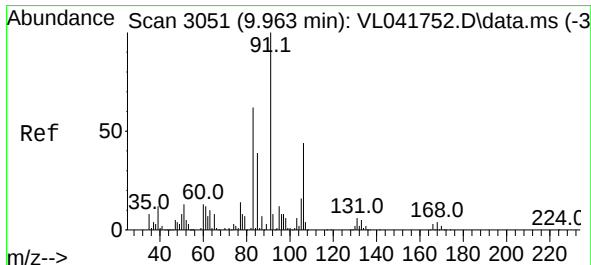
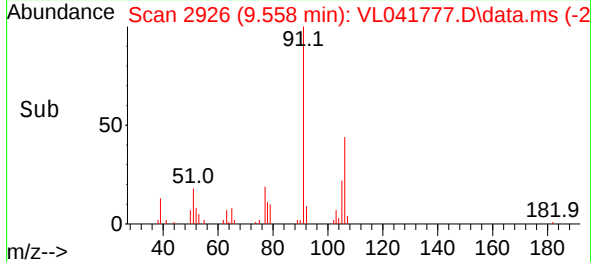
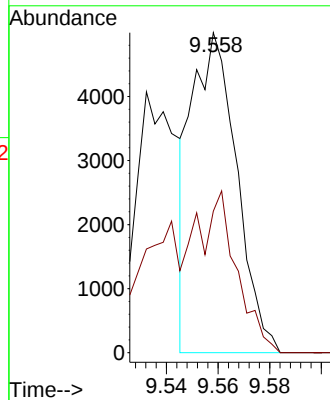
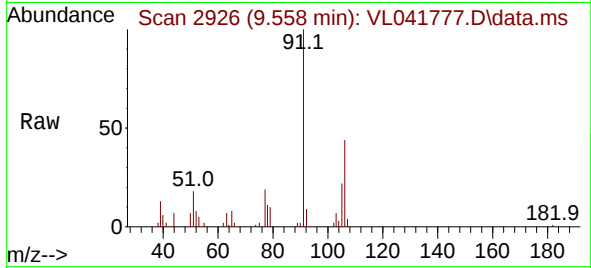
ClientSampleId :

Tgt Ion: 91 Resp: 6062

Ion Ratio Lower Upper

91 100

106 83.6 0.0 0.0#



#60

o-Xylene

Concen: 0.120 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL041777.D

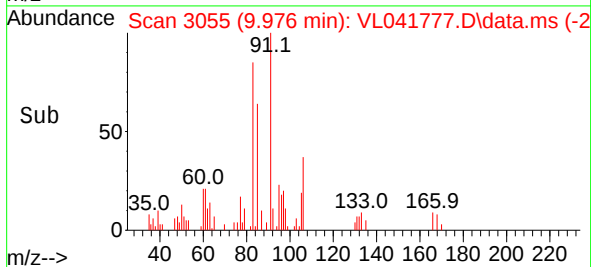
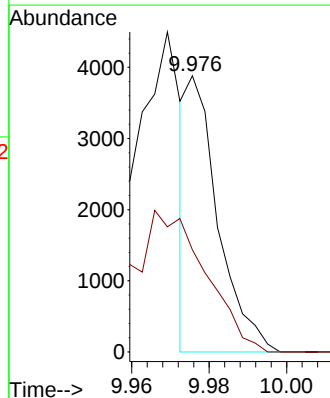
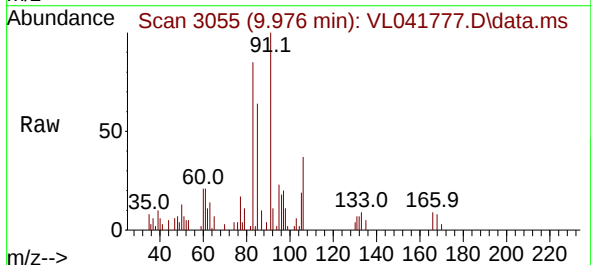
Acq: 17 Dec 2024 14:13

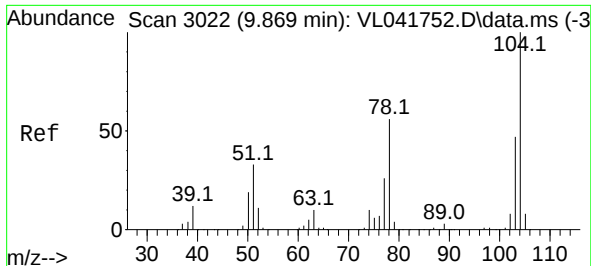
Tgt Ion: 91 Resp: 2153

Ion Ratio Lower Upper

91 100

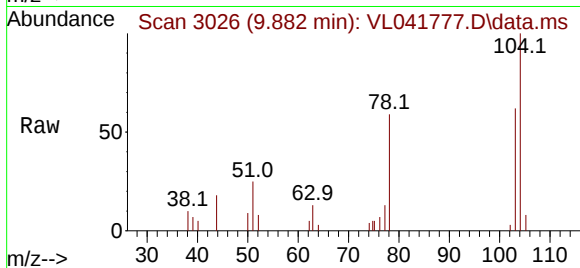
106 0.0 21.1 63.4#



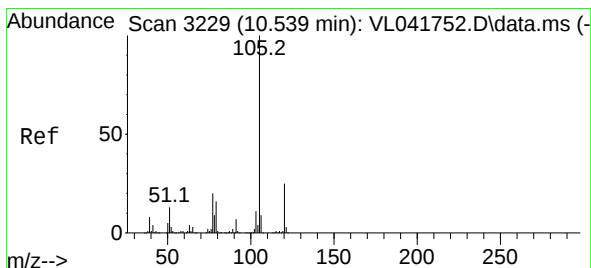
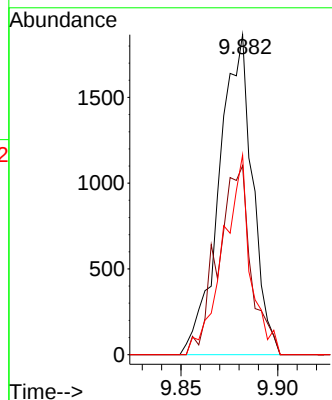
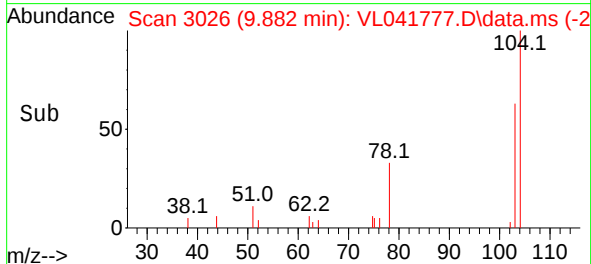


#61
Styrene
Concen: 0.288 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.013 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Instrument :
MSVOA_L
ClientSampleId :

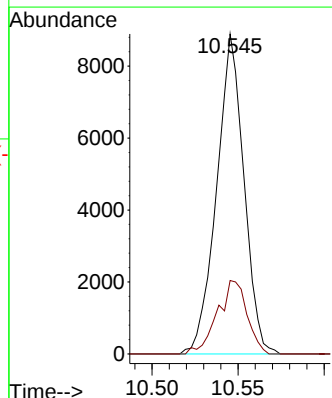
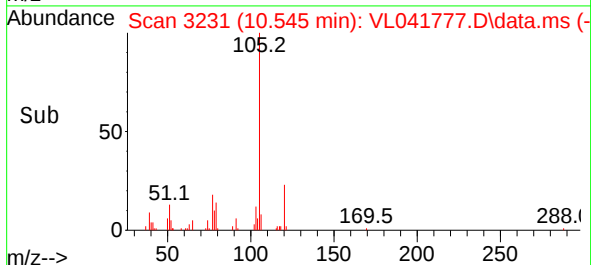
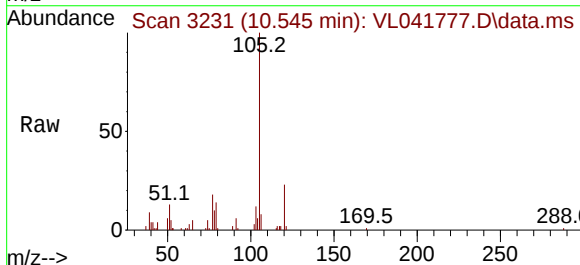


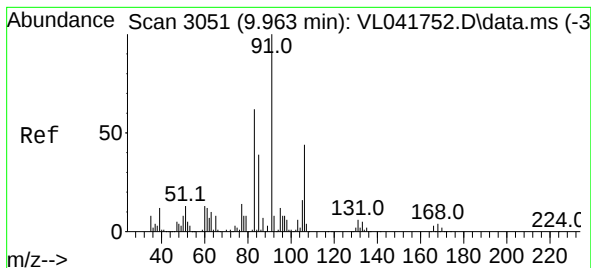
Tgt Ion:104 Resp: 2234
Ion Ratio Lower Upper
104 100
78 58.5 43.8 65.6
103 51.6 37.8 56.6



#62
Isopropylbenzene
Concen: 0.364 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

Tgt Ion:105 Resp: 9799
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.458 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041777.D

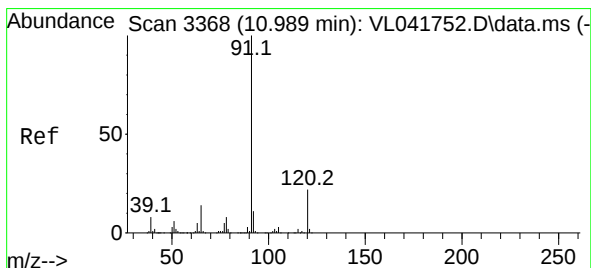
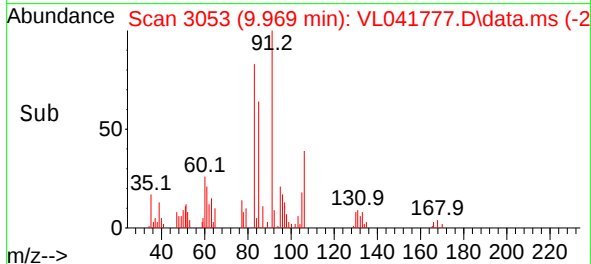
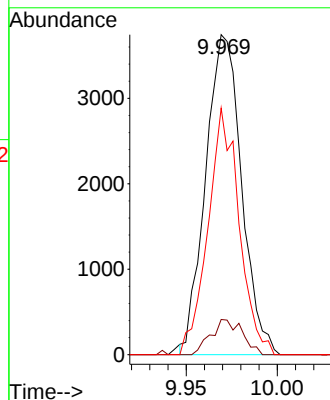
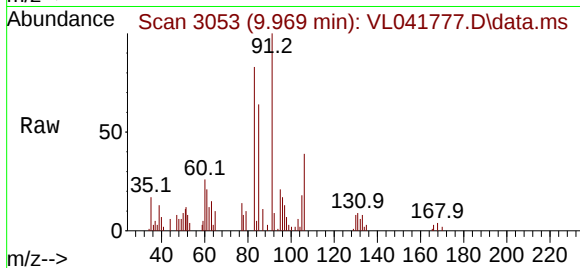
Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83	Resp:	5140
Ion Ratio	Lower	Upper
83	100	
131	9.6	4.9 14.7
85	66.7	32.0 96.2



#64

n-propylbenzene

Concen: 0.319 ppbv

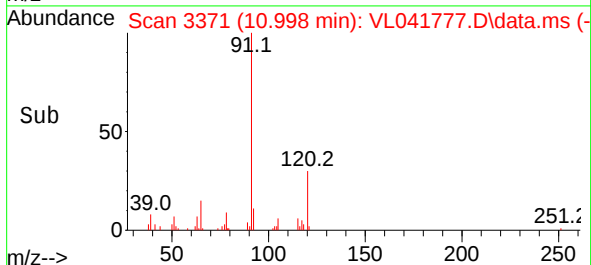
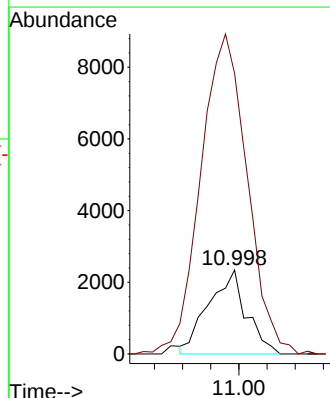
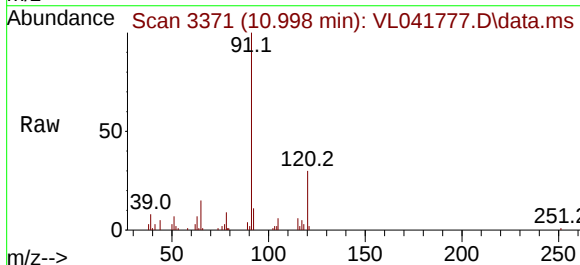
RT: 10.998 min Scan# 3371

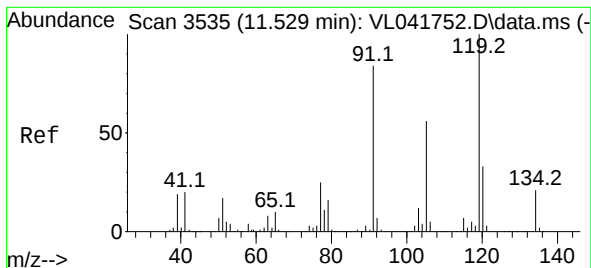
Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion: 120	Resp:	2173
Ion Ratio	Lower	Upper
120	100	
91	470.7	387.3 580.9





#65

tert-Butylbenzene

Concen: 0.307 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

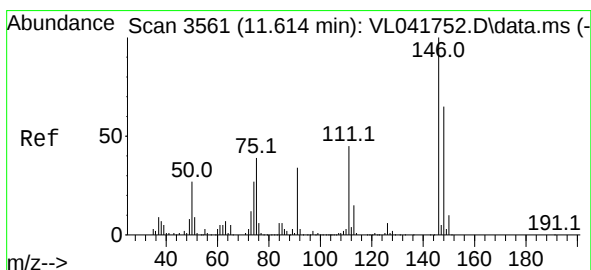
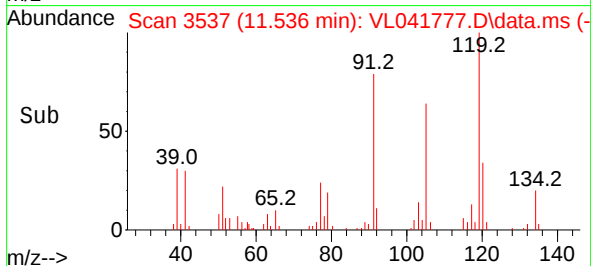
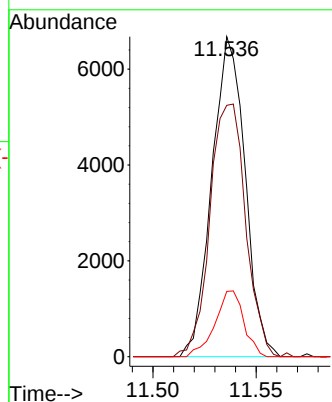
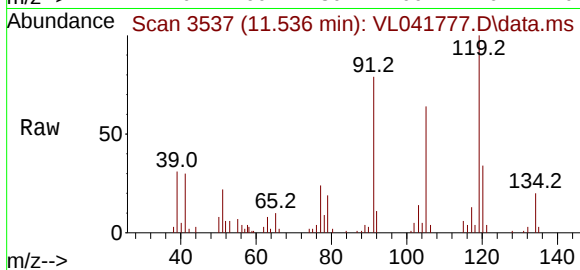
Tgt Ion:119 Resp: 7462

Ion Ratio Lower Upper

119 100

91 84.9 67.0 100.4

134 17.9 16.5 24.7



#66

Benzyl Chloride

Concen: 0.291 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

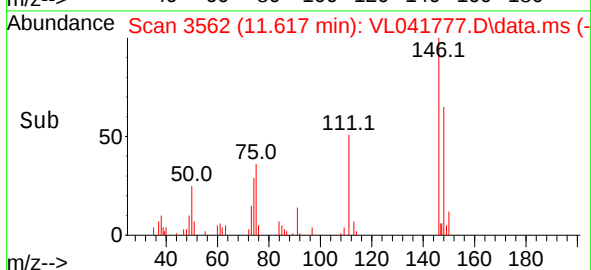
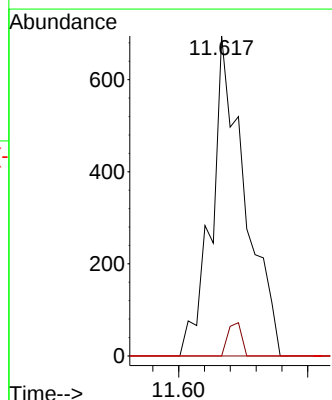
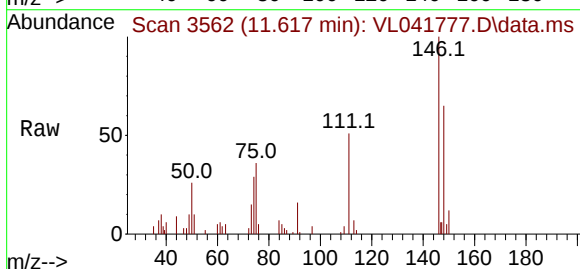
Tgt Ion: 91 Resp: 623

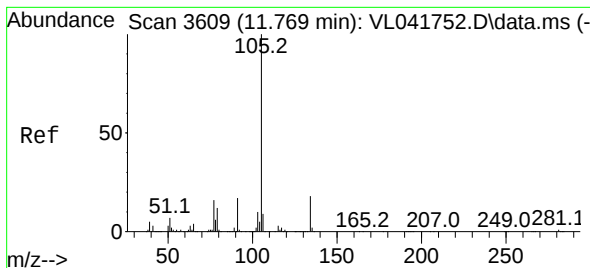
Ion Ratio Lower Upper

91 100

126 4.2 13.9 20.9#

128 2.1 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.323 ppbv

RT: 11.775 min Scan# 311

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

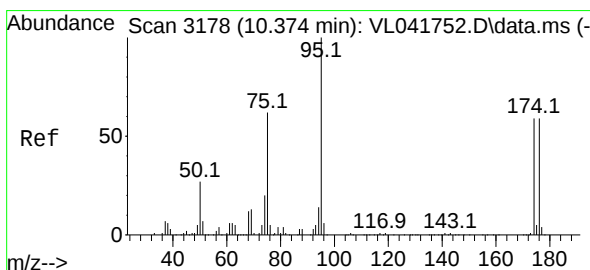
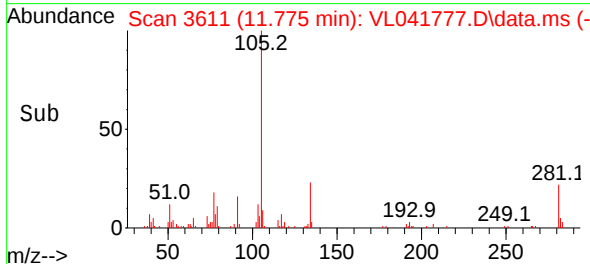
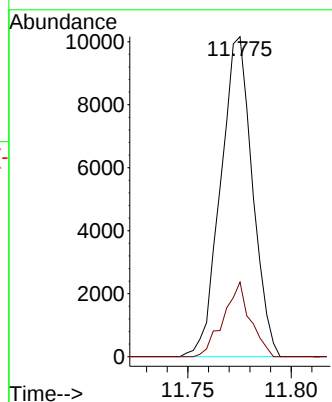
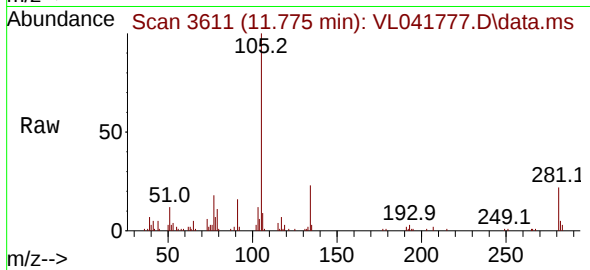
ClientSampleId :

Tgt Ion:105 Resp: 10865

Ion Ratio Lower Upper

105 100

134 19.6 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.200 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

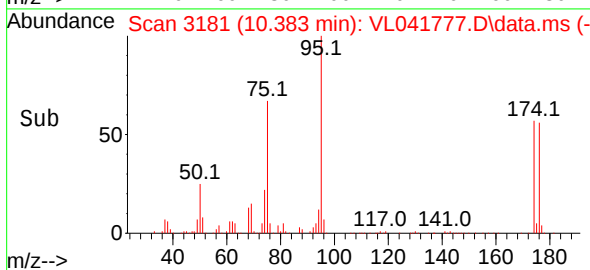
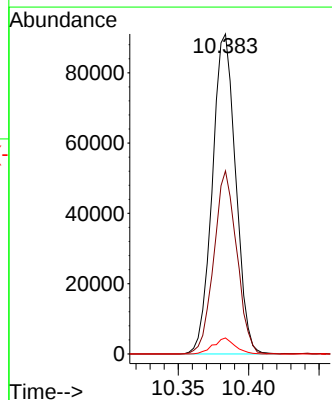
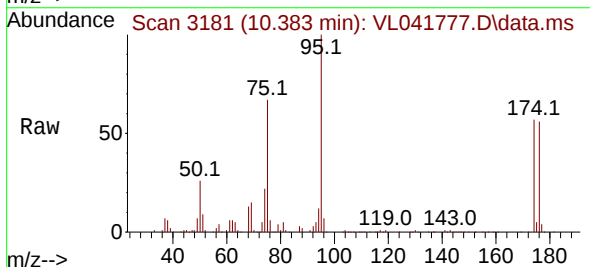
Tgt Ion: 95 Resp: 104912

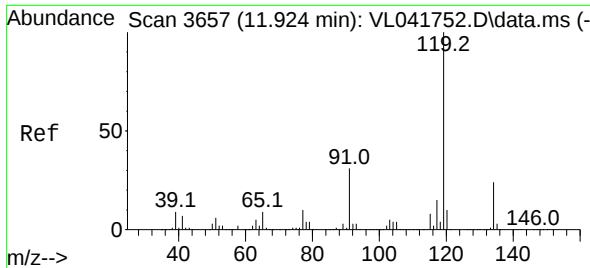
Ion Ratio Lower Upper

95 100

174 56.1 47.6 71.4

175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.300 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

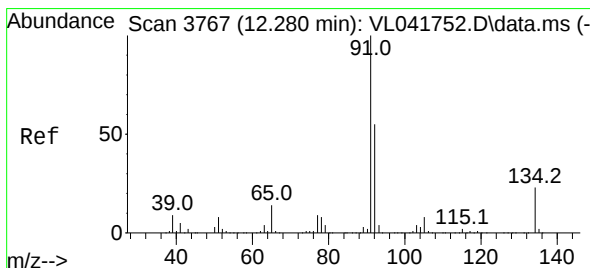
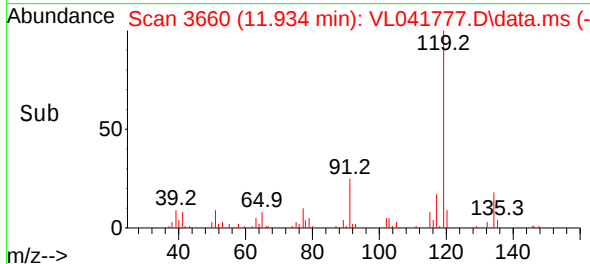
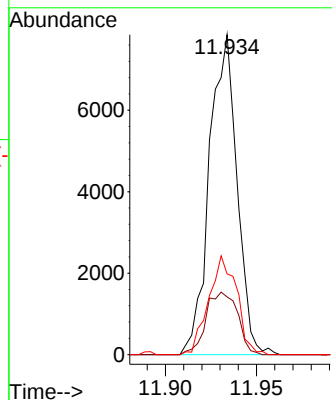
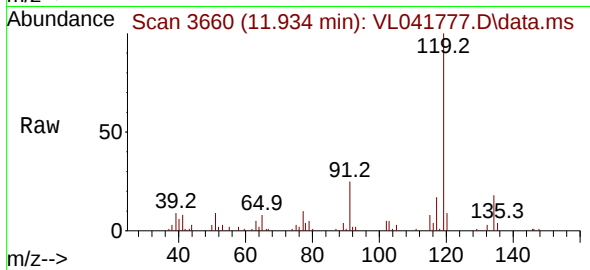
Tgt Ion:119 Resp: 8308

Ion Ratio Lower Upper

119 100

134 22.3 19.6 29.4

91 31.8 24.4 36.6



#70

n-Butylbenzene

Concen: 0.280 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

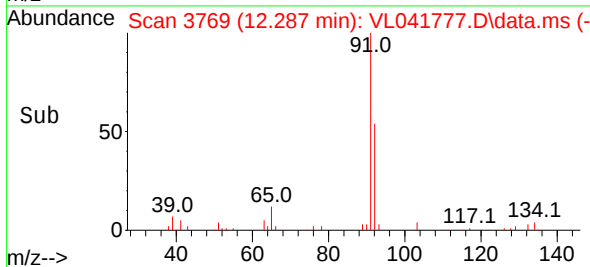
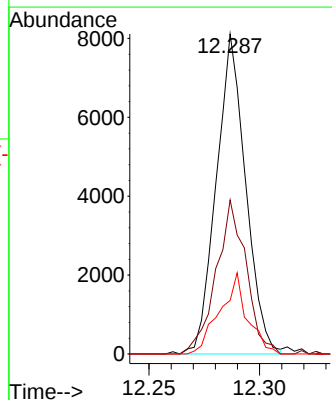
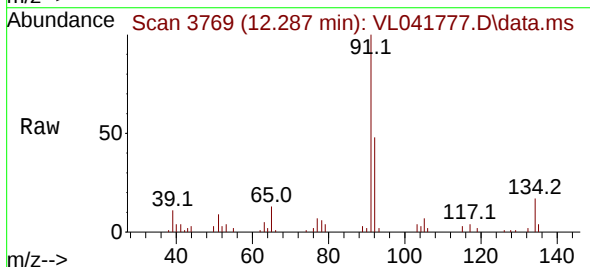
Tgt Ion: 91 Resp: 7482

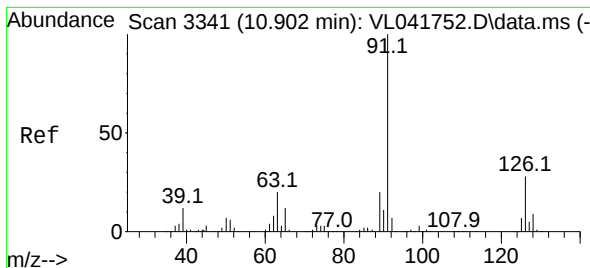
Ion Ratio Lower Upper

91 100

92 49.5 43.2 64.8

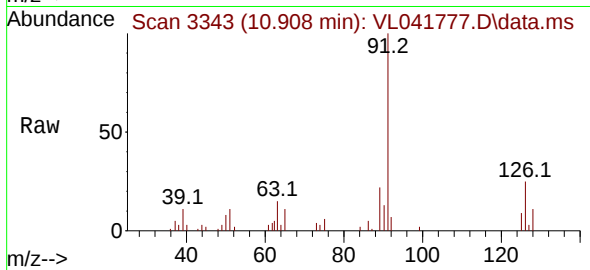
134 23.7 18.2 27.4



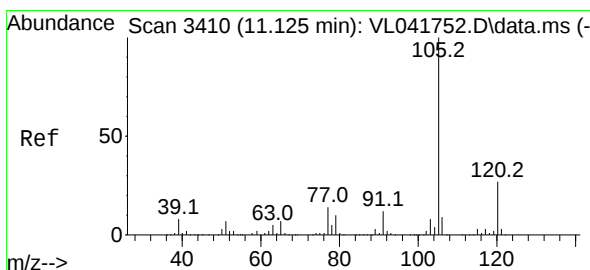
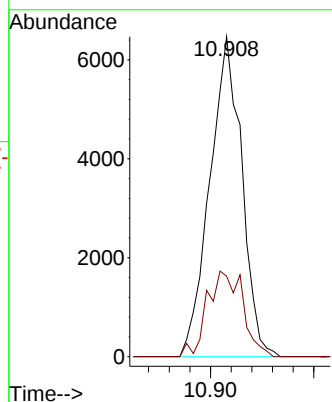
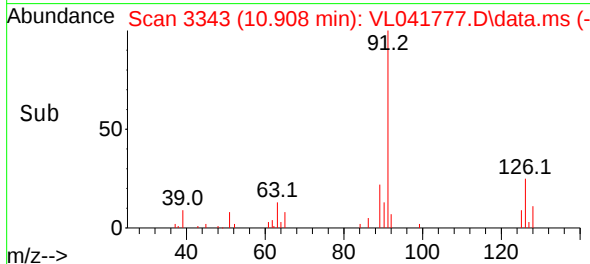


#71
2-Chlorotoluene
Concen: 0.338 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

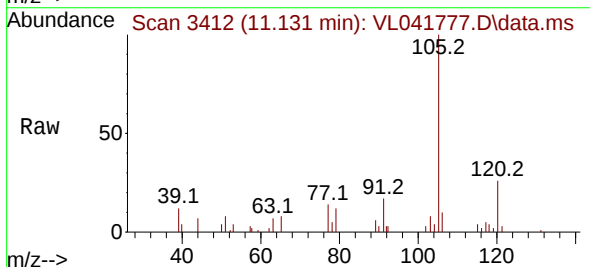
Instrument :
MSVOA_L
ClientSampleId :



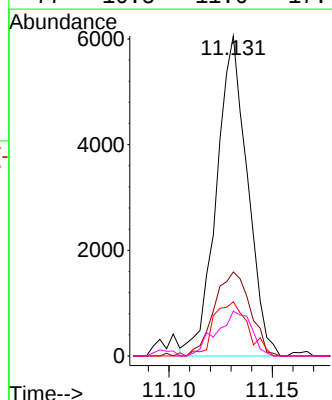
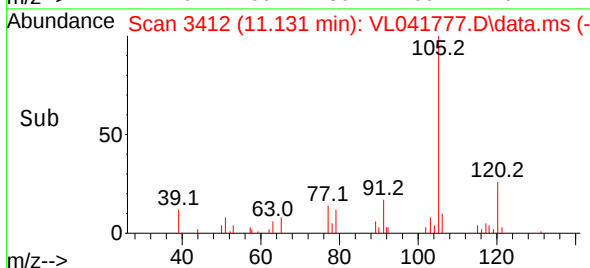
Tgt Ion: 91 Resp: 6953
Ion Ratio Lower Upper
91 100
126 29.9 11.6 46.4

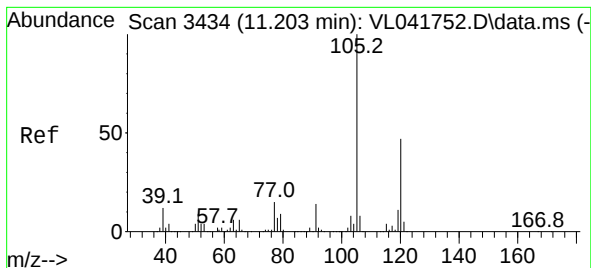


#72
4-Ethyltoluene
Concen: 0.298 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion: 105 Resp: 6311
Ion Ratio Lower Upper
105 100
120 30.6 23.3 34.9
91 18.8 10.9 16.3#
77 16.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.297 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

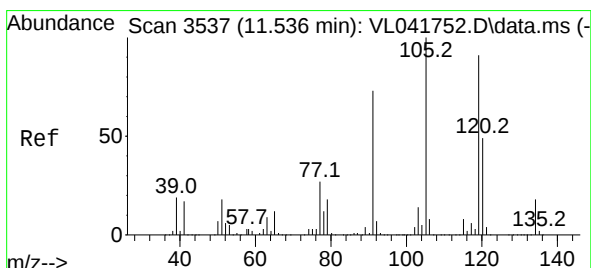
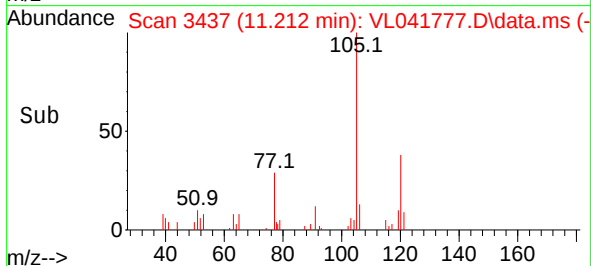
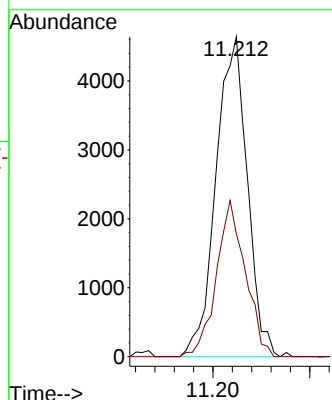
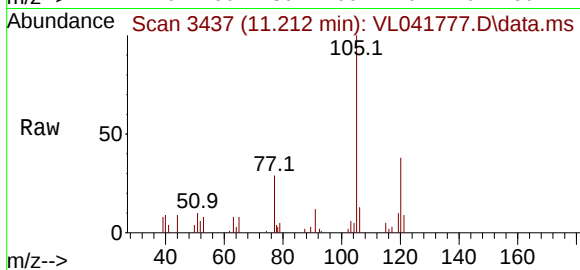
ClientSampleId :

Tgt Ion:105 Resp: 5206

Ion Ratio Lower Upper

105 100

120 38.3 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 0.301 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Tgt Ion:105 Resp: 5688

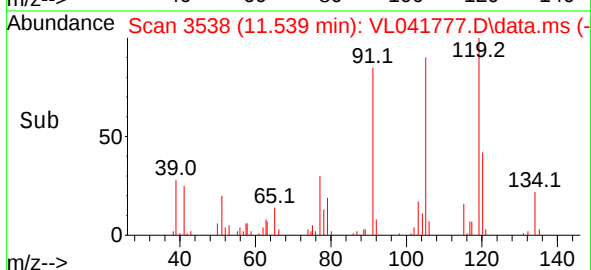
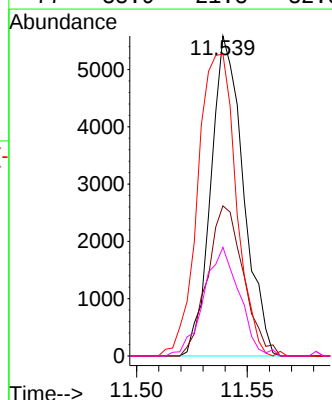
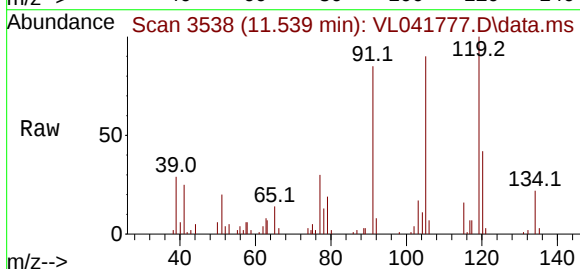
Ion Ratio Lower Upper

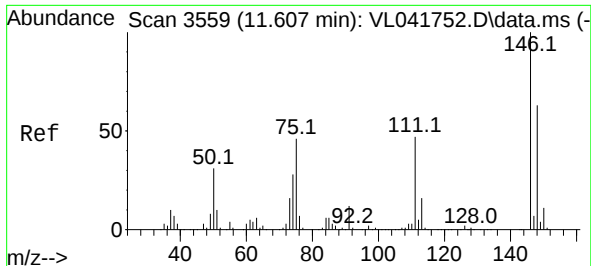
105 100

120 46.9 39.0 58.4

91 92.9 58.1 87.1#

77 33.9 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.446 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

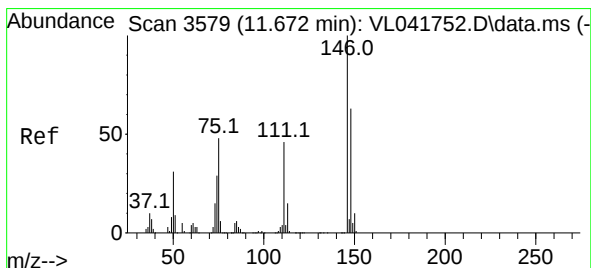
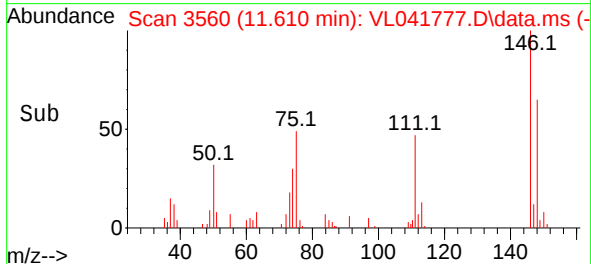
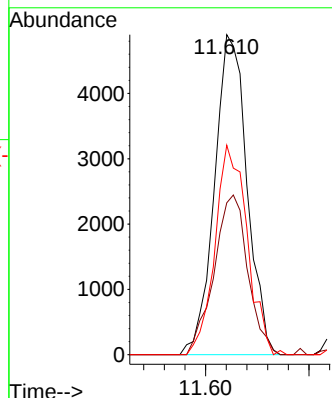
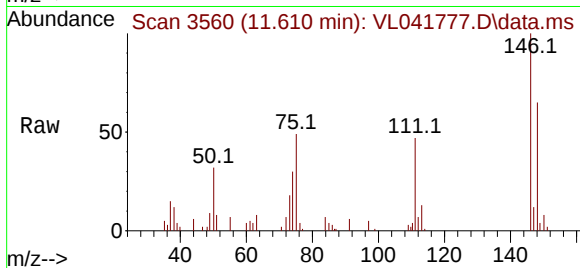
Tgt Ion:146 Resp: 5371

Ion Ratio Lower Upper

146 100

111 51.9 23.4 70.3

148 64.6 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.409 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

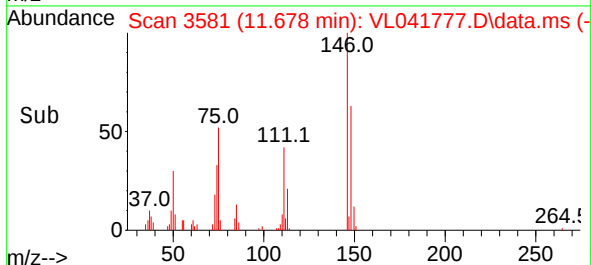
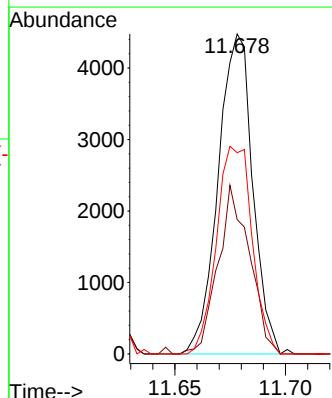
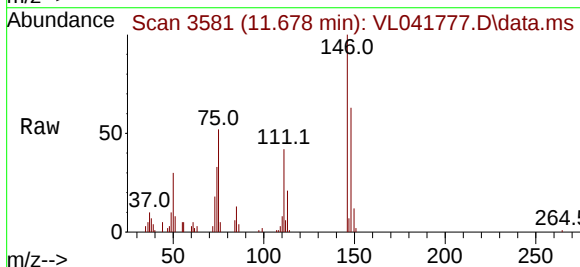
Tgt Ion:146 Resp: 4865

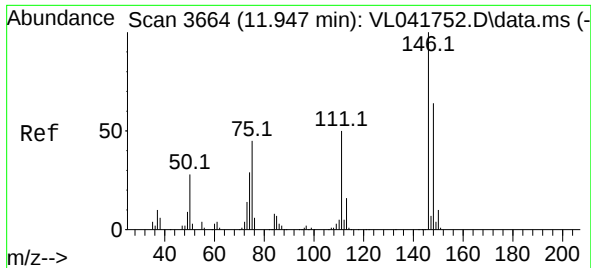
Ion Ratio Lower Upper

146 100

111 48.2 22.7 68.1

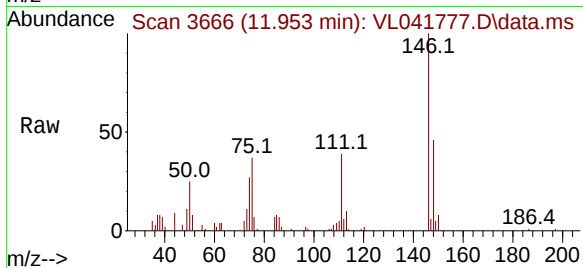
148 66.9 31.4 94.0



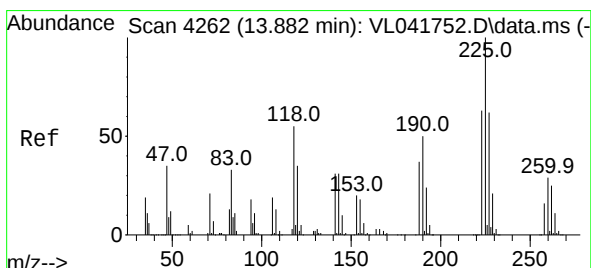
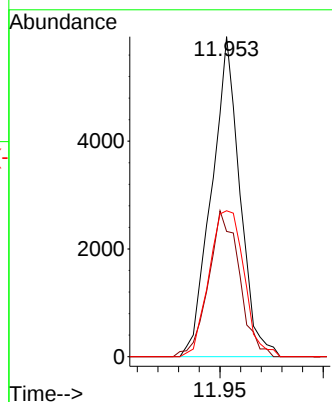
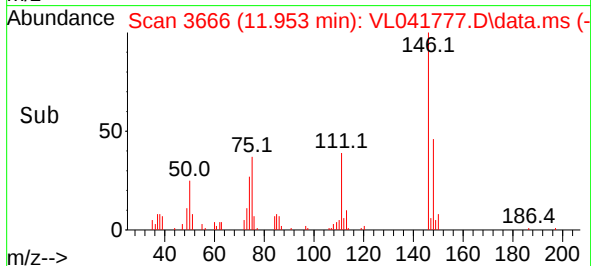


#77
1,2-Dichlorobenzene
Concen: 0.487 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13

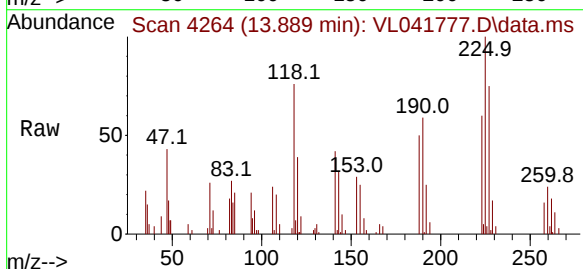
Instrument :
MSVOA_L
ClientSampleId :



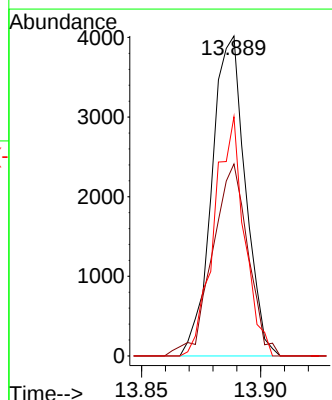
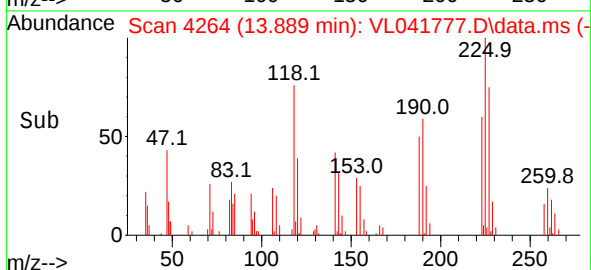
Tgt Ion:146 Resp: 5635
Ion Ratio Lower Upper
146 100
111 49.7 24.8 74.3
148 56.6 31.8 95.4

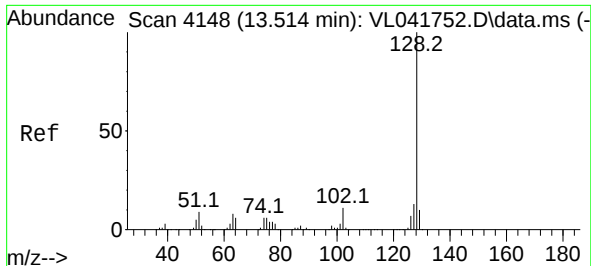


#78
Hexachloro-1,3-Butadiene
Concen: 0.457 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041777.D
Acq: 17 Dec 2024 14:13



Tgt Ion:225 Resp: 3926
Ion Ratio Lower Upper
225 100
223 63.7 50.5 75.7
227 67.4 50.3 75.5





#79

Naphthalene

Concen: 0.206 ppbv

RT: 13.520 min Scan# 4148

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :

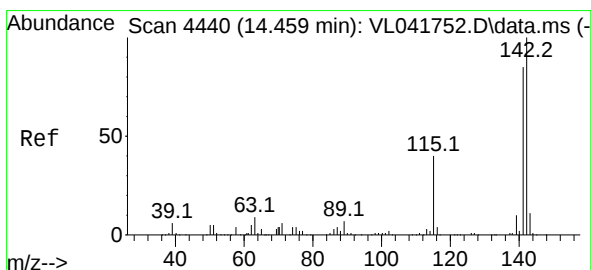
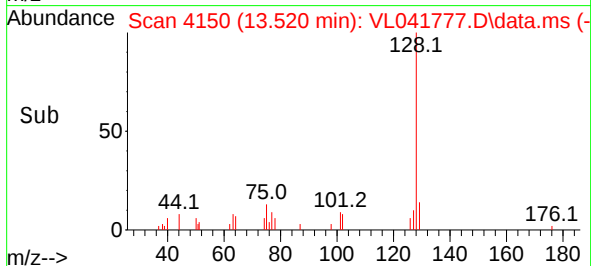
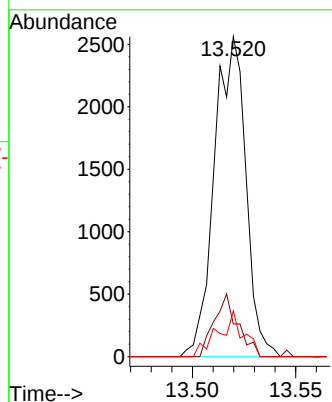
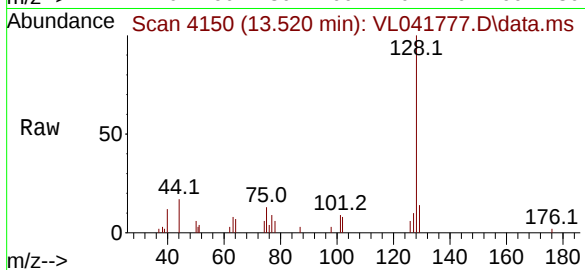
Tgt Ion:128 Resp: 2708

Ion Ratio Lower Upper

128 100

127 10.3 10.7 16.1#

129 14.3 8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.051 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

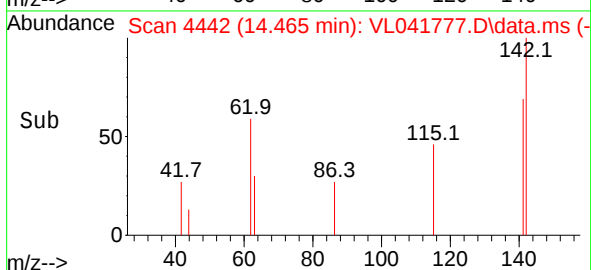
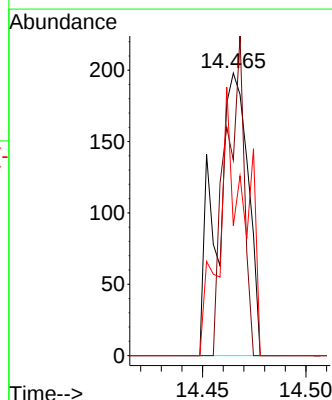
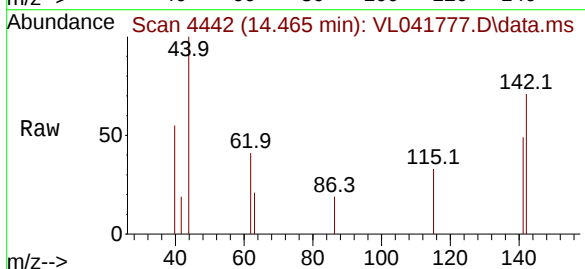
Tgt Ion:142 Resp: 206

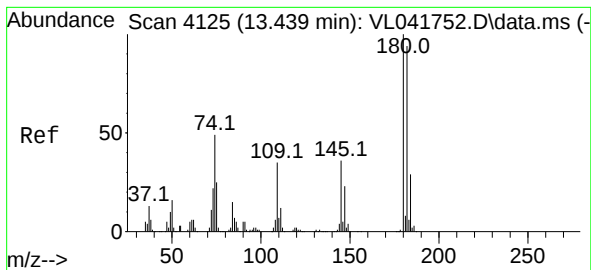
Ion Ratio Lower Upper

142 100

141 67.5 68.4 102.6#

115 76.2 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.279 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

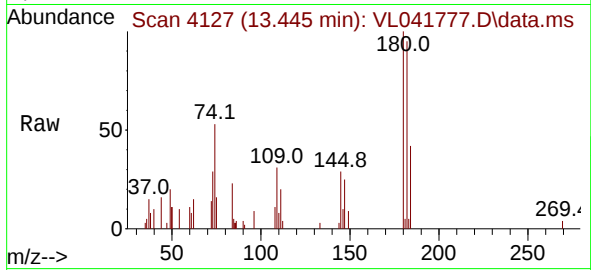
Lab File: VL041777.D

Acq: 17 Dec 2024 14:13

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 2002

Ion Ratio Lower Upper

180 100

182 102.7 77.0 115.6

184 32.5 23.8 35.8

