

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041788.D
 Acq On : 18 Dec 2024 10:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Dec 19 07:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	76040	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	198370	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	172190	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	150705	10.503	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	112841	8.340	ppbv	96
3) Chlorodifluoromethane	1.473	51	112096	9.040	ppbv	98
4) Chloromethane	1.531	50	48418	9.146	ppbv	99
5) Vinyl Chloride	1.580	62	46631	8.743	ppbv	99
6) Bromomethane	1.667	94	22202	8.821	ppbv	98
7) Chloroethane	1.703	64	19203	9.269	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	111653	9.220	ppbv	96
9) Propene	1.483	41	41427	7.708	ppbv	96
10) Heptane	4.975	43	111650	8.087	ppbv	96
11) Trichlorofluoromethane	1.874	101	134331	9.347	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	96469	8.825	ppbv	98
13) Ethanol	1.719	45	2954	6.637	ppbv	100
14) Bromoethene	1.780	108	33118	8.974	ppbv	97
15) Acetone	1.832	43	111294	7.522	ppbv	99
16) 1,3-Butadiene	1.606	39	53299	9.149	ppbv	97
17) tert-Butyl alcohol	2.036	59	135516	9.233	ppbv	100
18) 1,1-Dichloroethene	2.033	96	41224	8.996	ppbv	93
19) Isopropyl Alcohol	1.884	45	64831	7.303	ppbv	99
20) Methylene Chloride	2.059	84	35699	8.462	ppbv	96
21) Allyl Chloride	2.094	41	74468	9.281	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	45331	8.641	ppbv	94
23) Vinyl Acetate	2.460	43	52709	7.673	ppbv #	95
24) 1,1-Dichloroethane	2.405	63	95779	9.020	ppbv	99
25) Ethyl Acetate	2.832	43	238771	8.675	ppbv	100
26) Hexane	2.822	57	87593	8.386	ppbv	95
27) Carbon Disulfide	2.149	76	85318	9.064	ppbv	98
28) Methyl tert-Butyl Ether	2.437	73	67965	8.021	ppbv	97
29) Chloroform	2.845	83	145536	9.143	ppbv	97
30) Cyclohexane	3.855	84	74346	8.366	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	92460	8.567	ppbv	98
32) 1,1,1-Trichloroethane	3.366	97	144038	8.902	ppbv	99
34) 2-Butanone	2.554	43	139509	8.742	ppbv	99
35) Carbon Tetrachloride	3.761	117	147726	10.490	ppbv	99
36) Benzene	3.654	78	178114	8.680	ppbv	98
37) 1,2-Dichloroethane	3.214	62	121412	9.509	ppbv	100
38) Trichloroethene	4.548	130	70175	8.057	ppbv	98
39) 1,2-Dichloropropane	4.308	63	64154	8.645	ppbv	97
40) 1,4-Dioxane	4.583	88	30262	8.347	ppbv #	96
41) Tetrahydrofuran	3.052	42	74734	8.359	ppbv	98
42) Bromodichloromethane	4.486	83	140832	9.588	ppbv	95
43) Methyl Methacrylate	4.878	69	69545	8.895	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	302332	8.627	ppbv	97
45) t-1,3-Dichloropropene	6.412	75	69601	8.607	ppbv	96

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

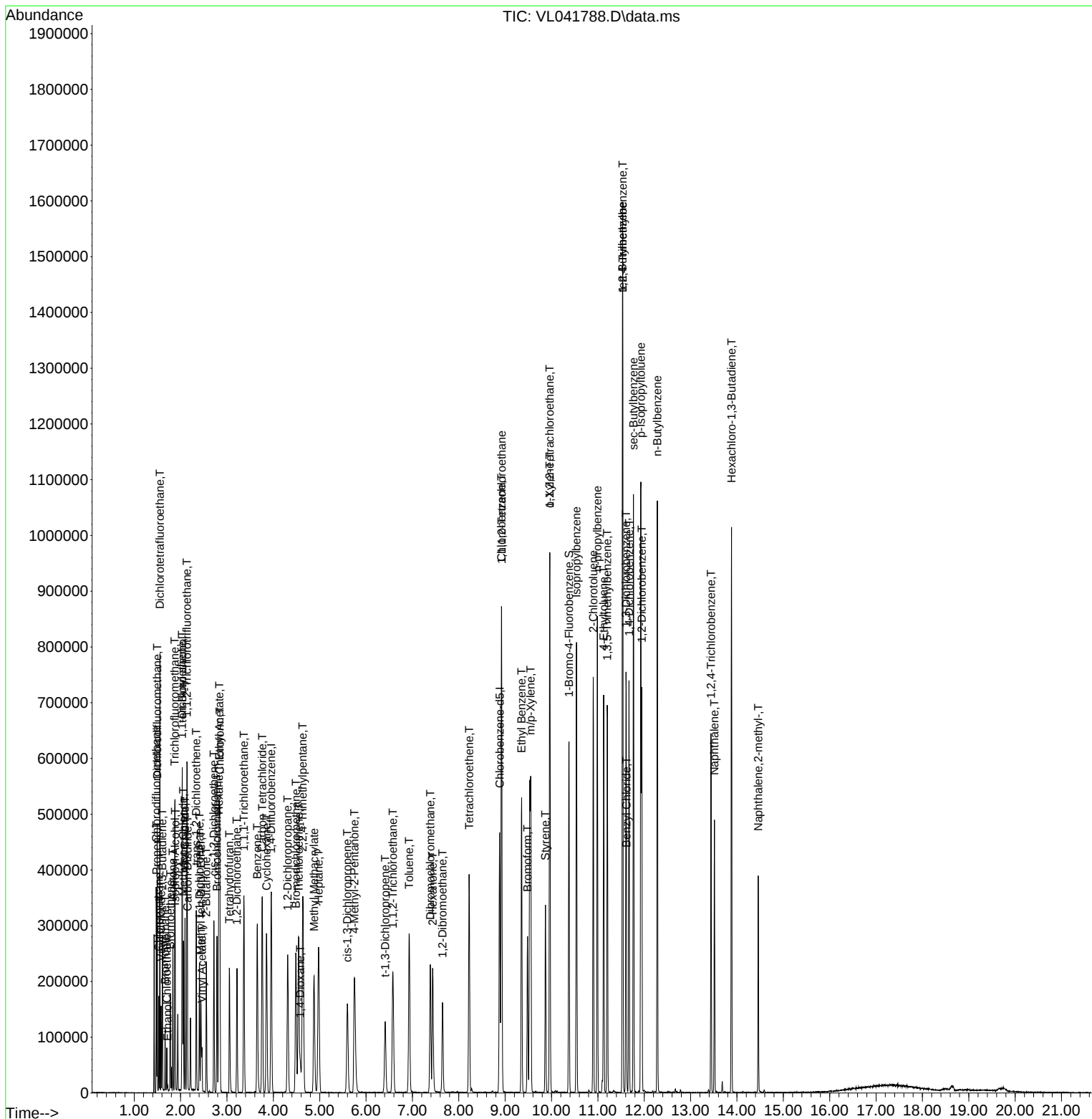
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

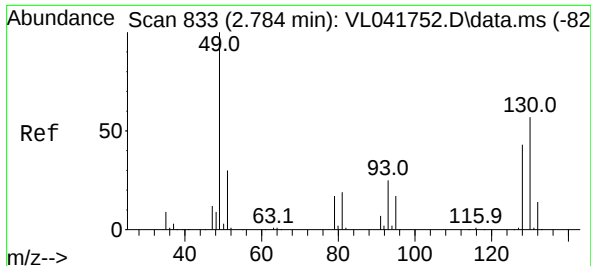
Quant Time: Dec 19 07:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	52196	5.084	ppbv	98
47) 1,1,2-Trichloroethane	6.580	97	67717	8.736	ppbv	93
48) Dibromochloromethane	7.386	129	101875	9.625	ppbv	97
49) Bromoform	9.483	173	83649	9.655	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	186865	8.600	ppbv	99
51) 2-Hexanone	7.438	43	149217	8.472	ppbv #	98
52) Tetrachloroethene	8.224	164	59756	7.824	ppbv	93
53) Toluene	6.930	91	195158	8.389	ppbv	99
54) 1,2-Dibromoethane	7.648	107	94138	8.814	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.924	131	87869	9.626	ppbv	99
57) Chlorobenzene	8.920	112	157039	8.912	ppbv	97
58) Ethyl Benzene	9.354	91	281290	9.074	ppbv	97
59) m/p-Xylene	9.548	91	242021	9.710	ppbv #	100
60) o-Xylene	9.963	91	232028	9.283	ppbv	100
61) Styrene	9.869	104	103216	9.550	ppbv	99
62) Isopropylbenzene	10.539	105	352903	9.397	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	144197	9.216	ppbv	99
64) n-propylbenzene	10.989	120	90043	9.483	ppbv	99
65) tert-Butylbenzene	11.532	119	314940	9.295	ppbv	98
66) Benzyl Chloride	11.616	91	22164	7.426	ppbv	100
67) sec-Butylbenzene	11.769	105	442201	9.431	ppbv	100
69) p-Isopropyltoluene	11.927	119	369746	9.569	ppbv	99
70) n-Butylbenzene	12.283	91	373294	9.999	ppbv	99
71) 2-Chlorotoluene	10.901	91	264866	9.240	ppbv	100
72) 4-Ethyltoluene	11.124	105	285469	9.676	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	242783	9.918	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	263301	10.003	ppbv	90
75) 1,3-Dichlorobenzene	11.607	146	154857	9.227	ppbv	99
76) 1,4-Dichlorobenzene	11.671	146	154115	9.296	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	145375	9.002	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	93437	7.804	ppbv	100
79) Naphthalene	13.513	128	200311	10.921	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	94903	16.728	ppbv	97
81) 1,2,4-Trichlorobenzene	13.442	180	93675	9.346	ppbv	99

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

Quant Time: Dec 19 07:49:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

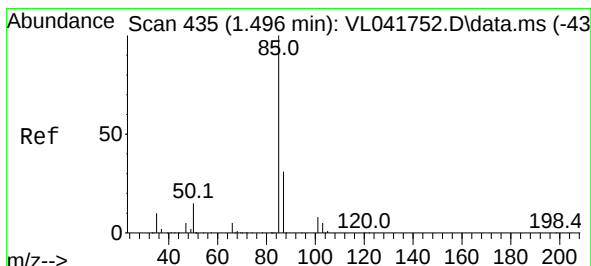
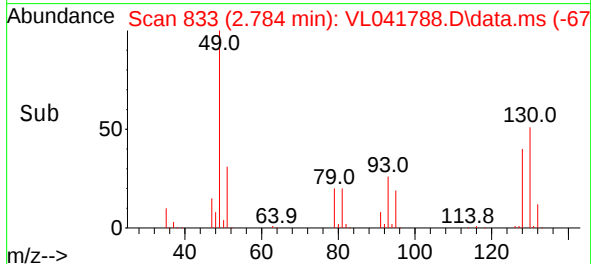
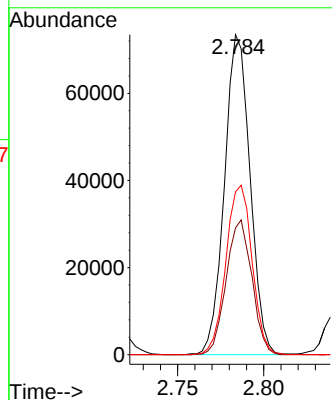
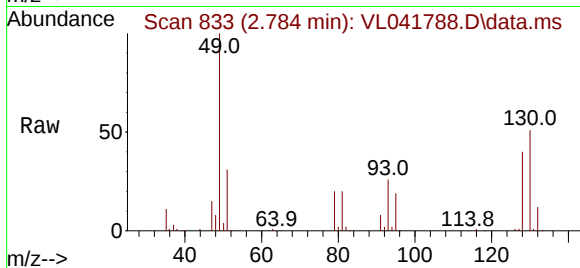




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 833
 Delta R.T. -0.000 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

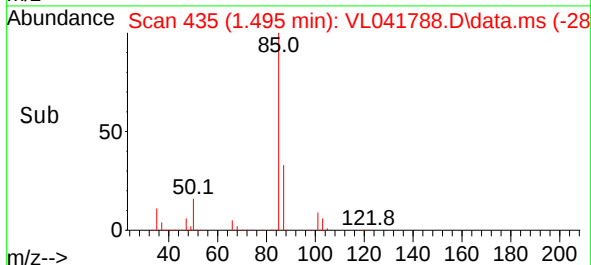
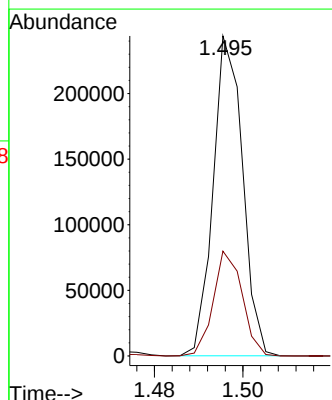
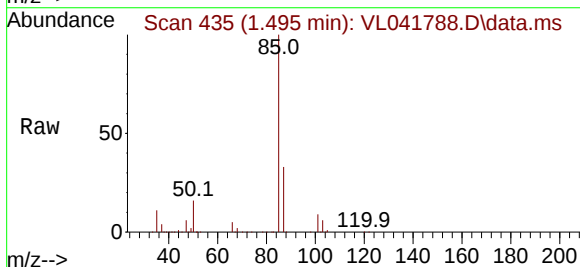
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

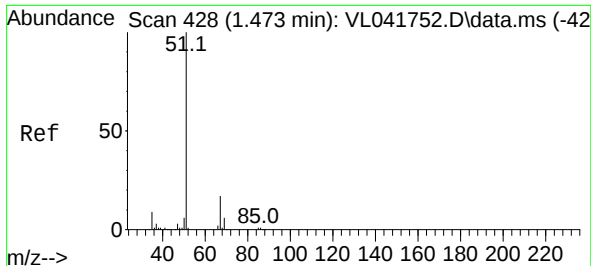
Tgt Ion: 49 Resp: 76040
 Ion Ratio Lower Upper
 49 100
 128 42.2 21.6 64.6
 130 54.2 28.3 85.0



#2
 Dichlorodifluoromethane
 Concen: 8.340 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.000 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

Tgt Ion: 85 Resp: 112841
 Ion Ratio Lower Upper
 85 100
 87 32.7 24.5 36.7

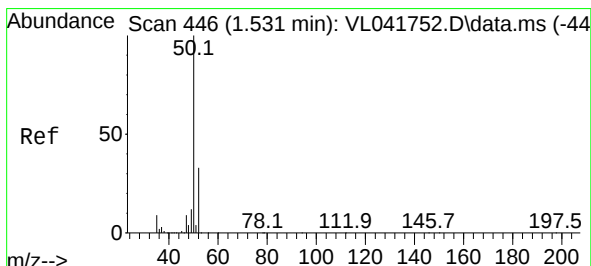
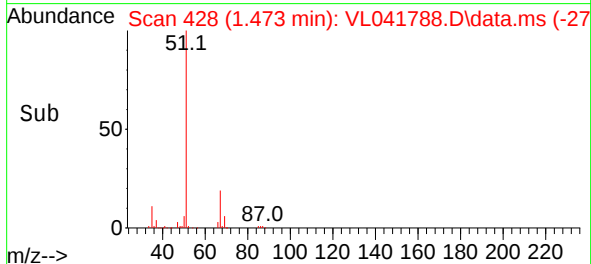
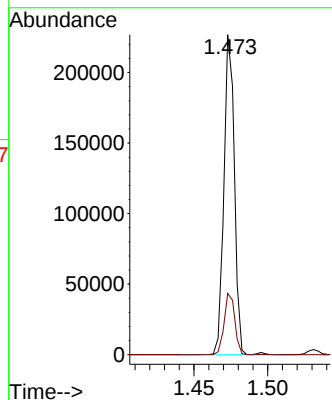
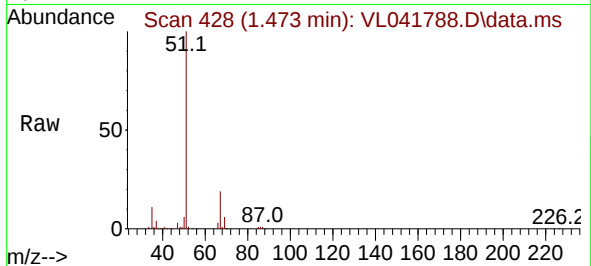




#3
Chlorodifluoromethane
Concen: 9.040 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

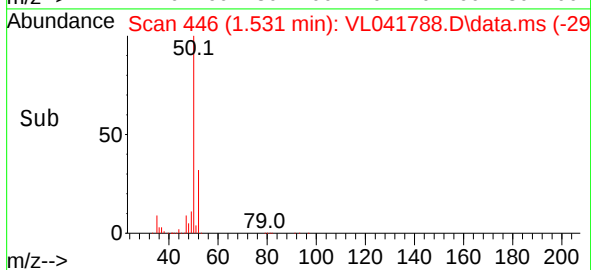
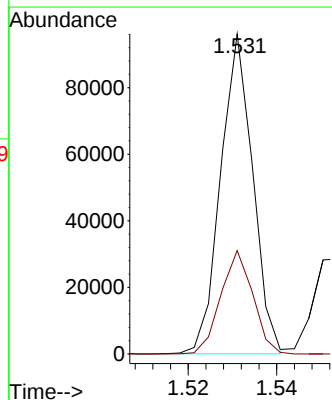
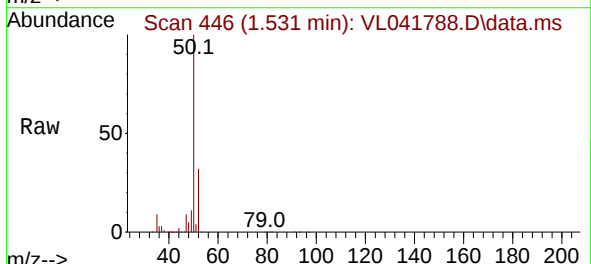
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

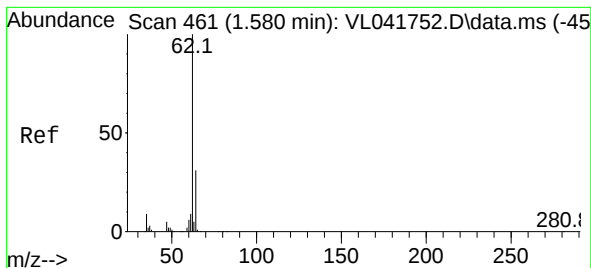
Tgt Ion: 51 Resp: 112096
Ion Ratio Lower Upper
51 100
67 19.5 15.0 22.4



#4
Chloromethane
Concen: 9.146 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 50 Resp: 48418
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2





#5

Vinyl Chloride

Concen: 8.743 ppbv

RT: 1.580 min Scan# 4

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

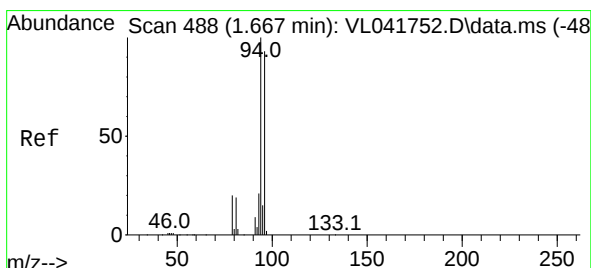
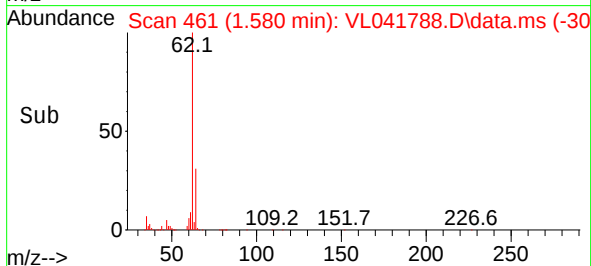
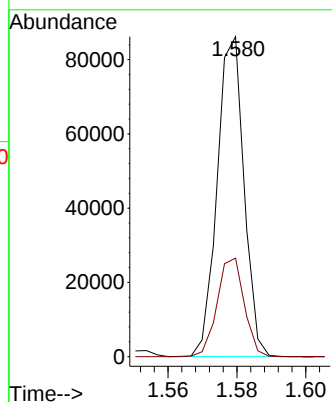
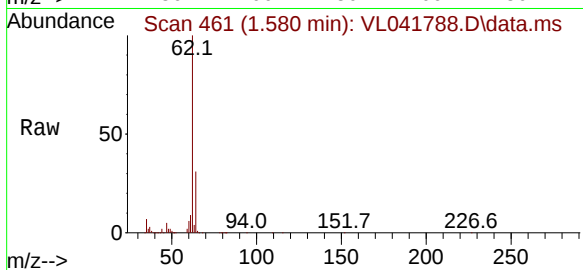
VSTDCCC010

Tgt Ion: 62 Resp: 46631

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7



#6

Bromomethane

Concen: 8.821 ppbv

RT: 1.667 min Scan# 488

Delta R.T. -0.000 min

Lab File: VL041788.D

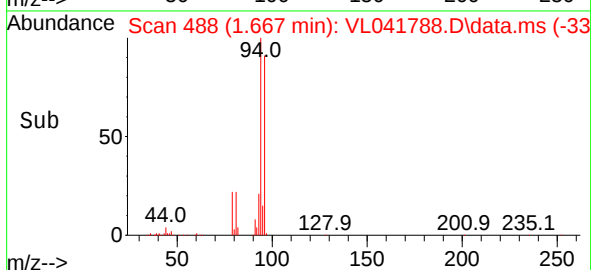
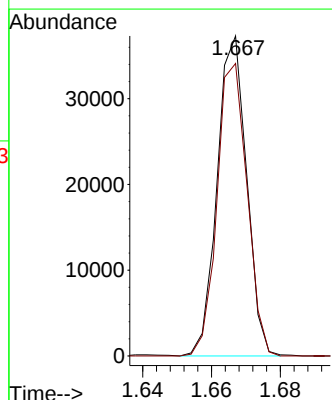
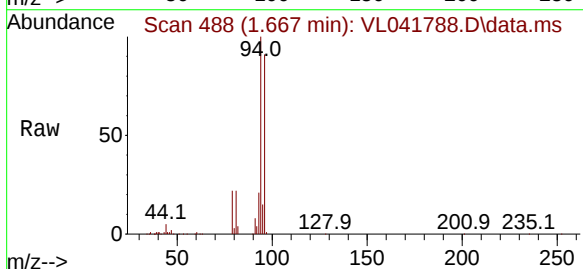
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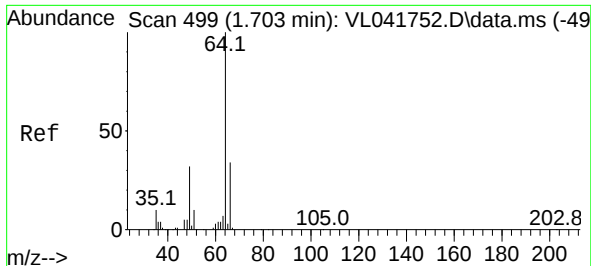
Tgt Ion: 94 Resp: 22202

Ion Ratio Lower Upper

94 100

96 91.4 74.7 112.1

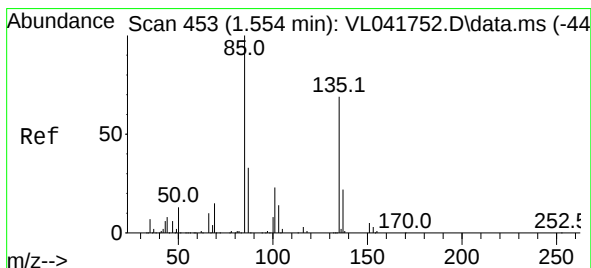
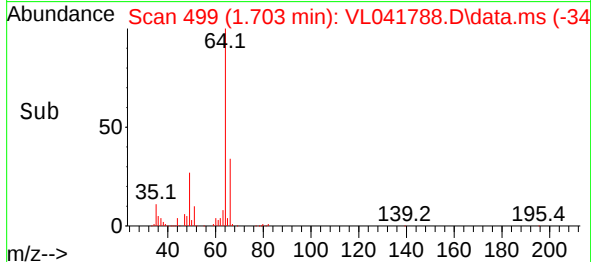
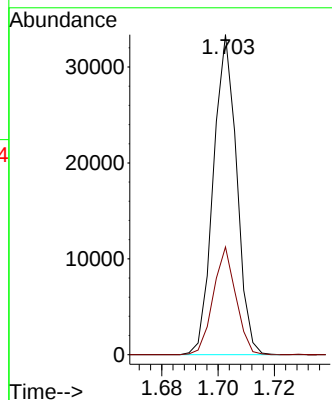
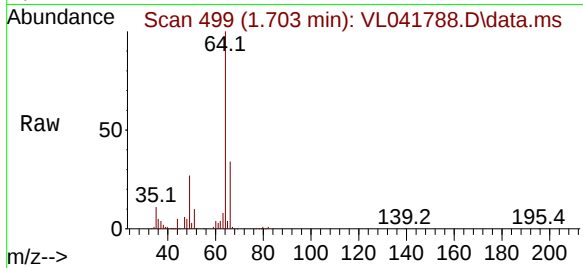




#7
Chloroethane
Concen: 9.269 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

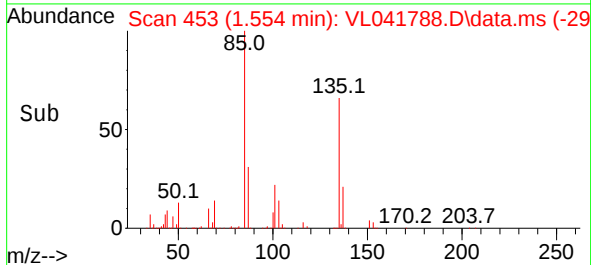
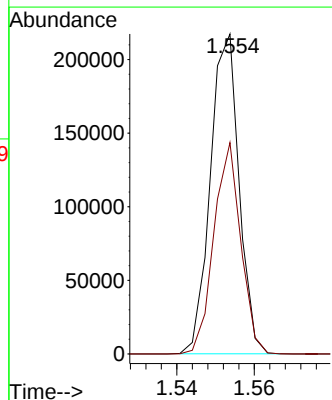
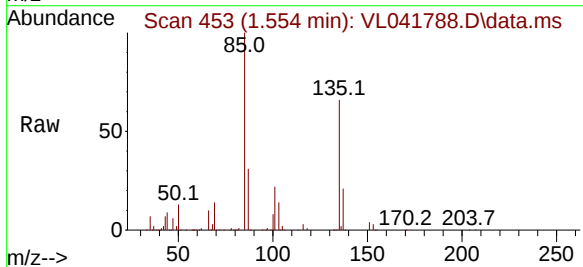
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

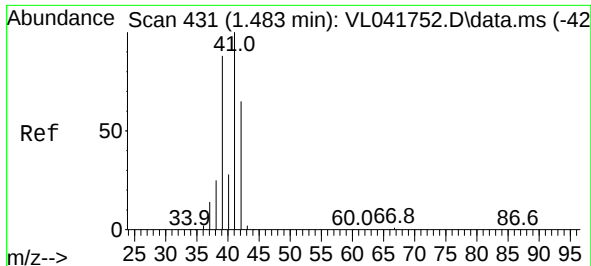
Tgt Ion: 64 Resp: 19203
Ion Ratio Lower Upper
64 100
66 33.6 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 9.220 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 85 Resp: 111653
Ion Ratio Lower Upper
85 100
135 62.0 51.9 77.9





#9

Propene

Concen: 7.708 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

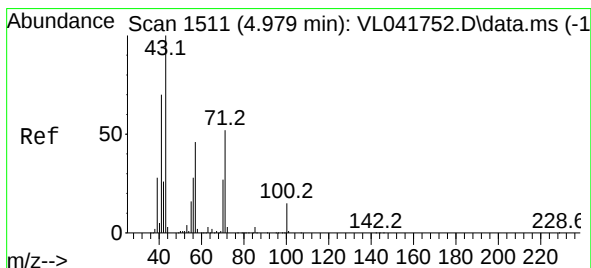
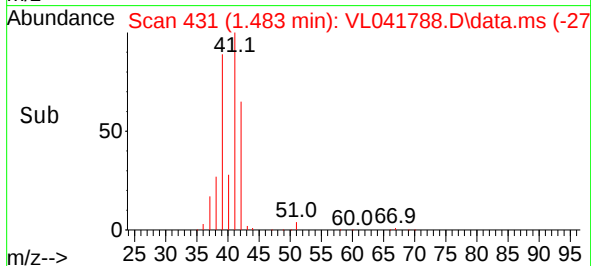
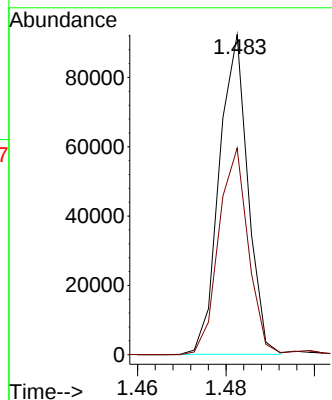
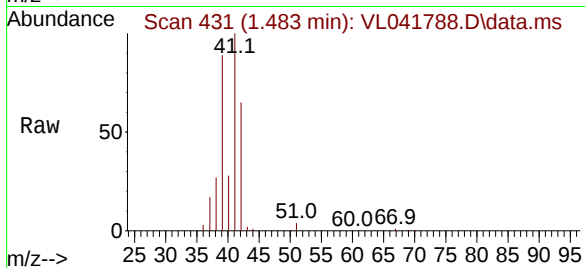
VSTDCCC010

Tgt Ion: 41 Resp: 41427

Ion Ratio Lower Upper

41 100

42 68.5 52.4 78.6



#10

Heptane

Concen: 8.087 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.004 min

Lab File: VL041788.D

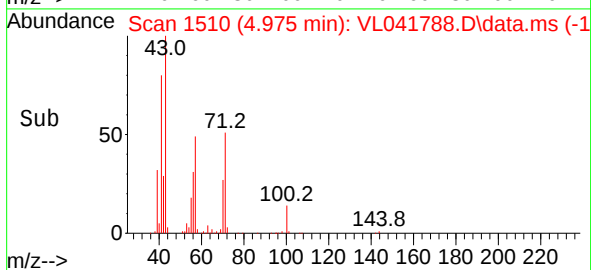
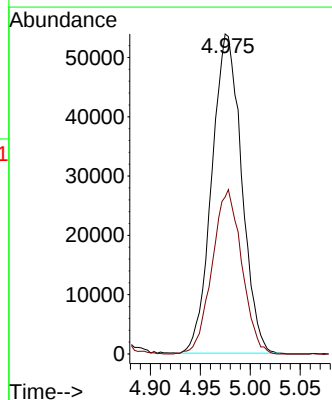
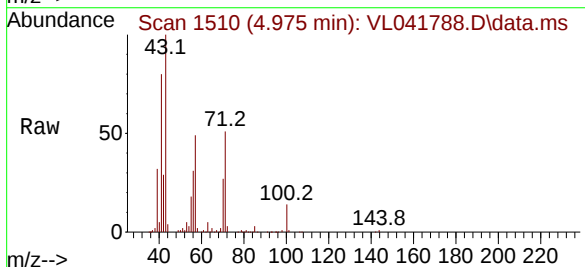
Acq: 18 Dec 2024 10:29

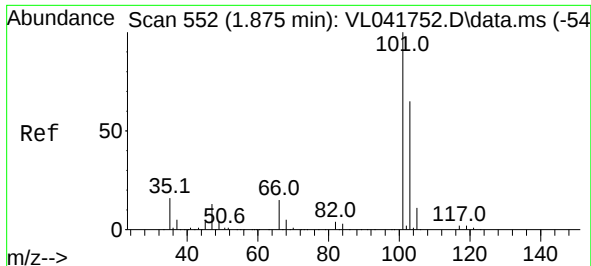
Tgt Ion: 43 Resp: 111650

Ion Ratio Lower Upper

43 100

57 51.1 38.5 57.7





#11

Trichlorofluoromethane

Concen: 9.347 ppbv

RT: 1.874 min Scan# 552

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

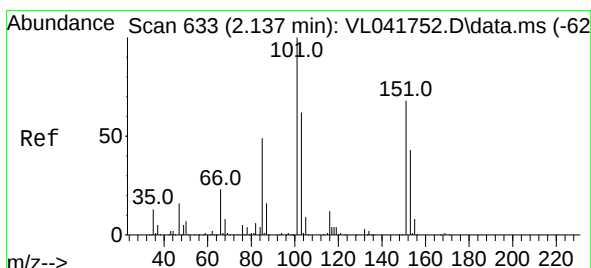
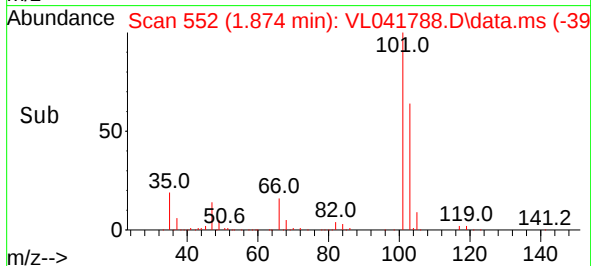
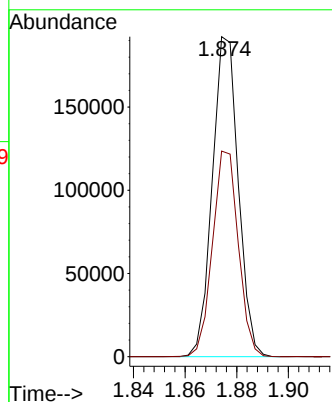
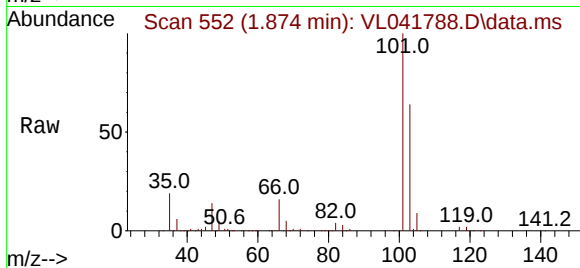
VSTDCCC010

Tgt Ion:101 Resp: 134331

Ion Ratio Lower Upper

101 100

103 64.3 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.825 ppbv

RT: 2.136 min Scan# 633

Delta R.T. -0.000 min

Lab File: VL041788.D

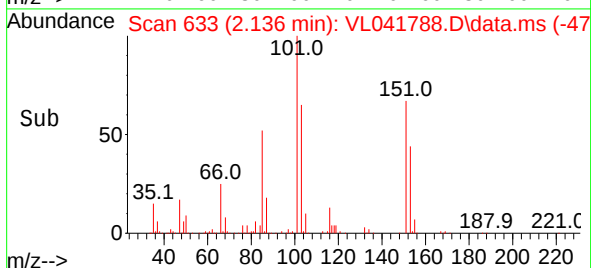
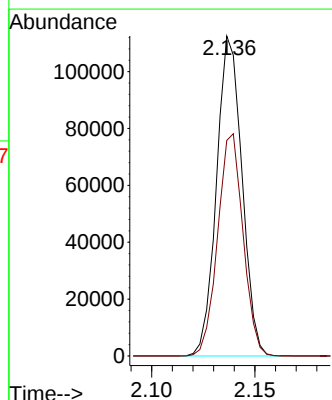
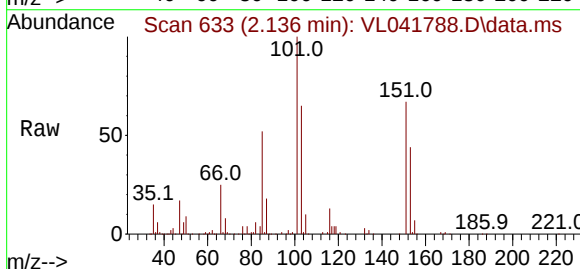
Acq: 18 Dec 2024 10:29

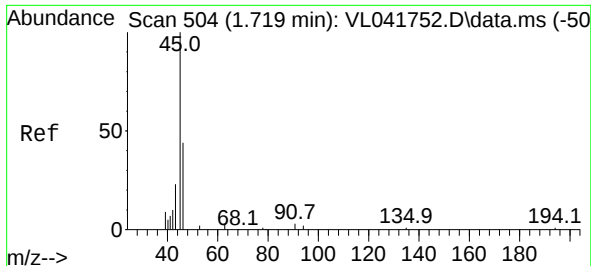
Tgt Ion:101 Resp: 96469

Ion Ratio Lower Upper

101 100

151 69.2 56.8 85.2





#13

Ethanol

Concen: 6.637 ppbv

RT: 1.719 min Scan# 504

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

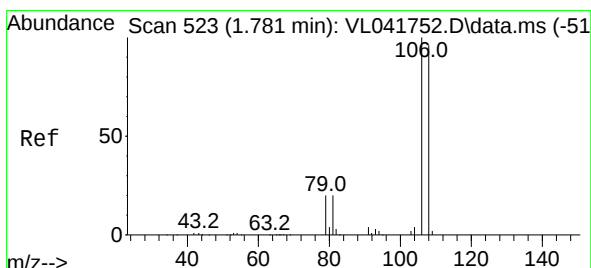
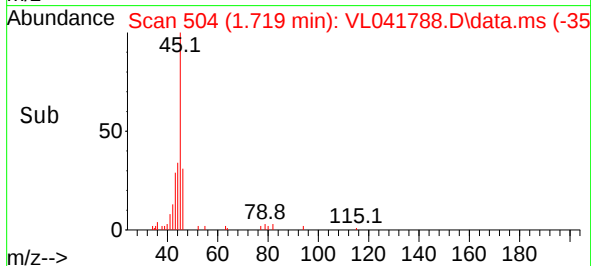
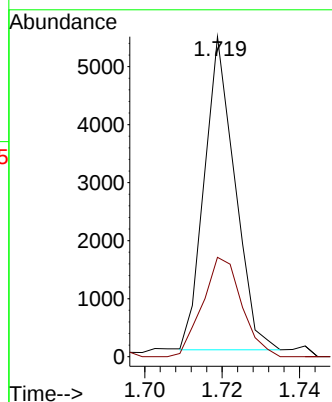
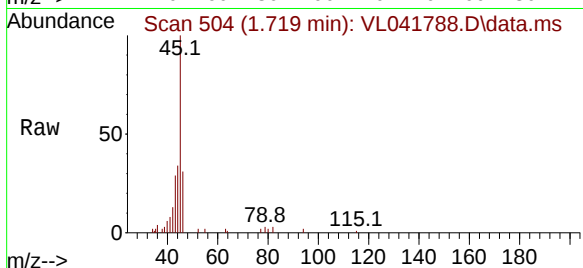
VSTDCCC010

Tgt Ion: 45 Resp: 2954

Ion Ratio Lower Upper

45 100

46 41.2 16.4 65.8



#14

Bromoethene

Concen: 8.974 ppbv

RT: 1.780 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

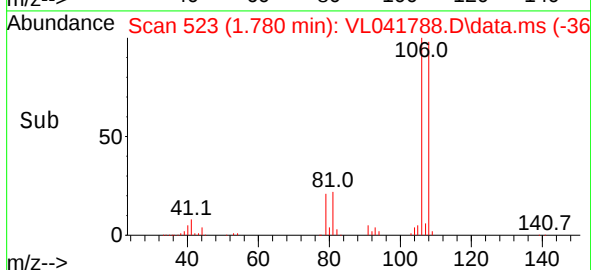
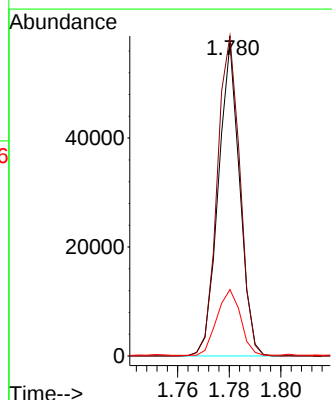
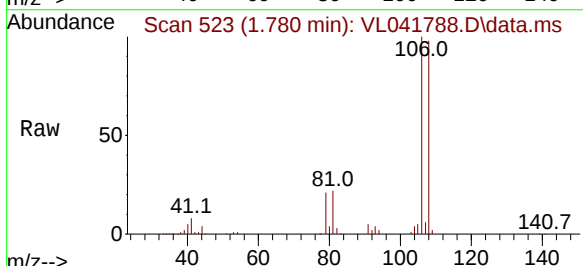
Tgt Ion:108 Resp: 33118

Ion Ratio Lower Upper

108 100

106 107.8 84.1 126.1

79 24.4 17.4 26.0

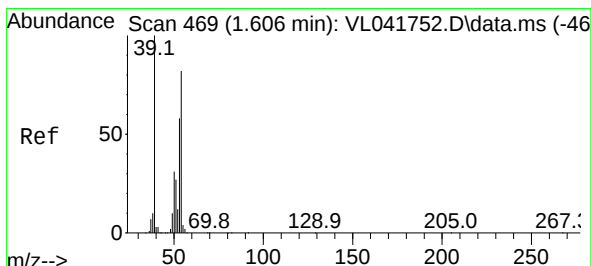
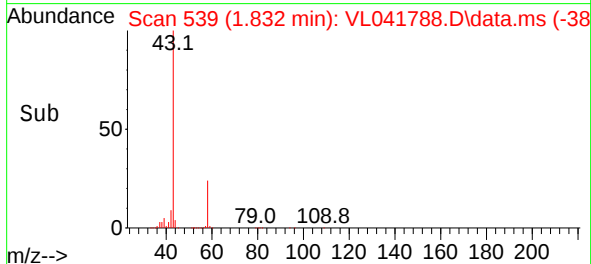
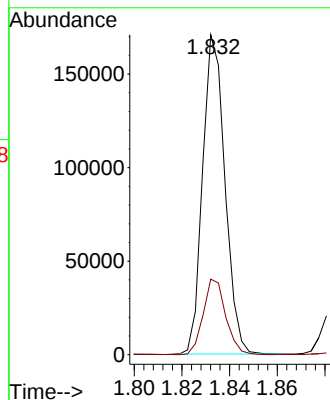
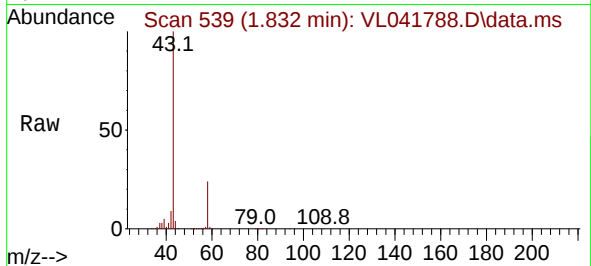




#15
Acetone
Concen: 7.522 ppbv
RT: 1.832 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

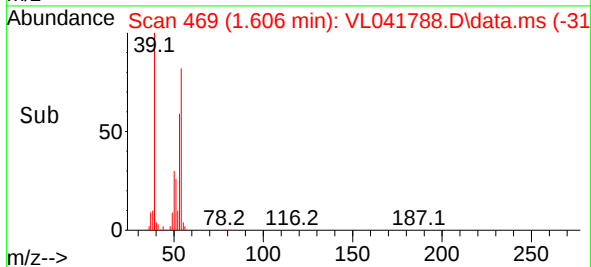
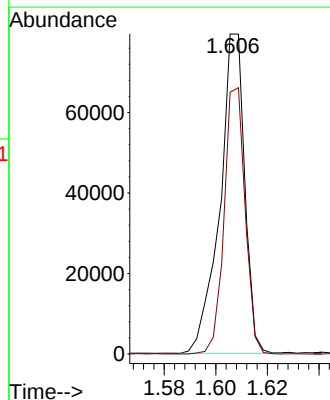
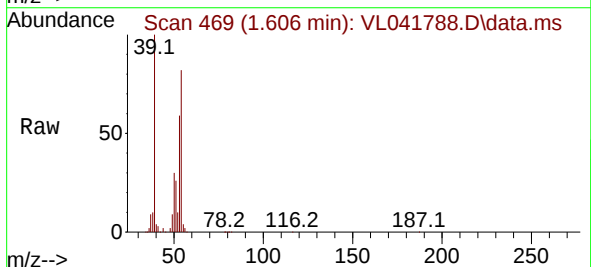
Instrument :
MSVOA_1
Client Sample Id :
VSTDCCC010

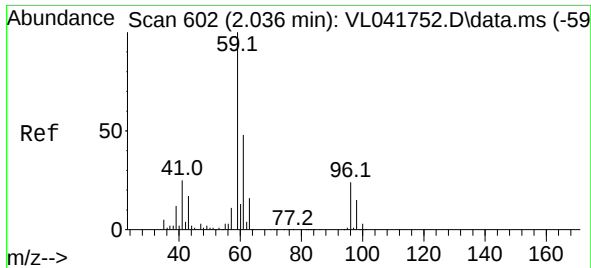
Tgt Ion: 43 Resp: 111294
Ion Ratio Lower Upper
43 100
58 24.0 19.7 29.5



#16
1,3-Butadiene
Concen: 9.149 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 39 Resp: 53299
Ion Ratio Lower Upper
39 100
54 70.3 58.4 87.6

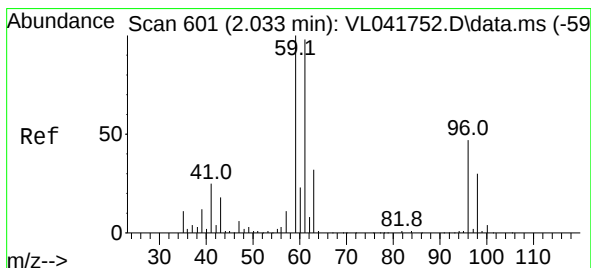
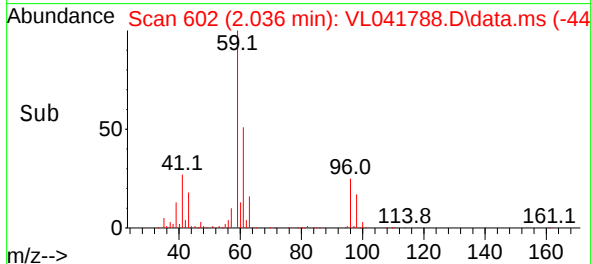
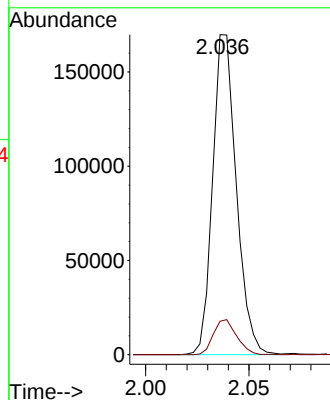
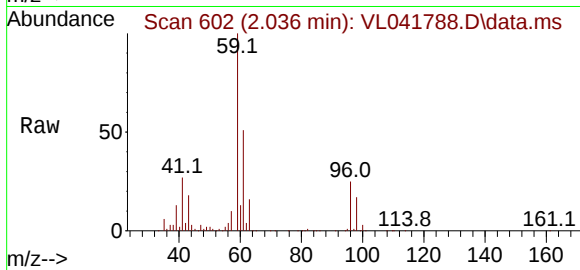




#17
tert-Butyl alcohol
Concen: 9.233 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

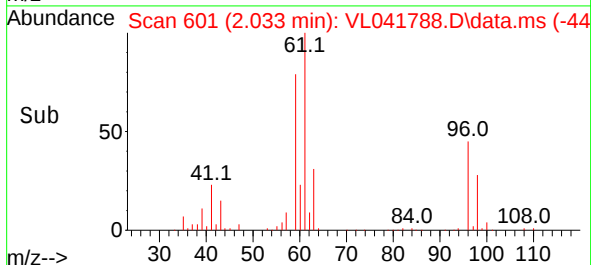
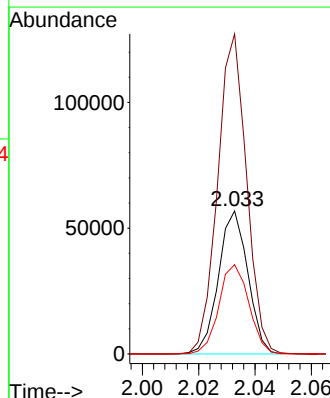
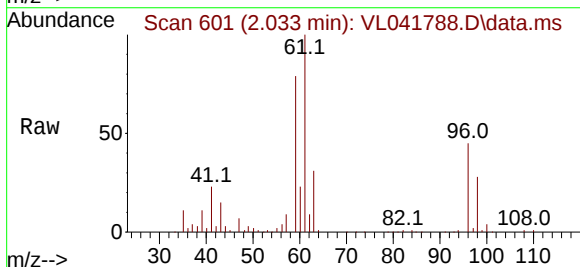
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

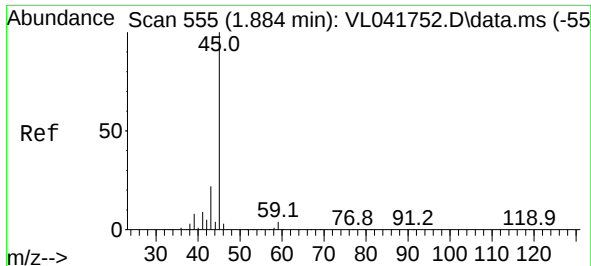
Tgt Ion: 59 Resp: 135516
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#18
1,1-Dichloroethene
Concen: 8.996 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 96 Resp: 41224
Ion Ratio Lower Upper
96 100
61 223.2 167.7 251.5
98 62.3 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.303 ppbv

RT: 1.884 min Scan# 555

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

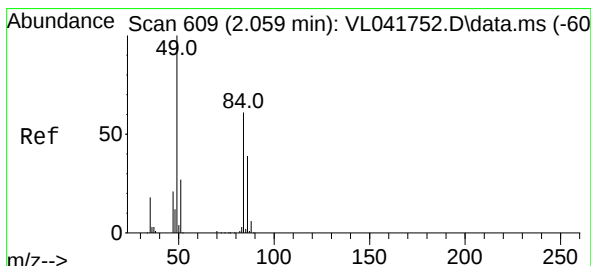
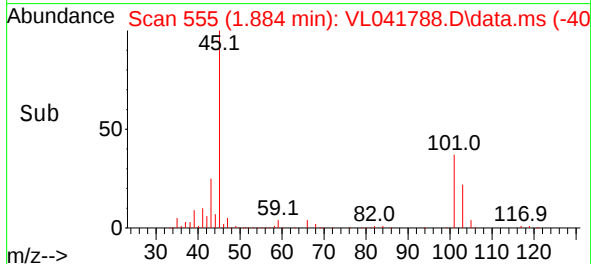
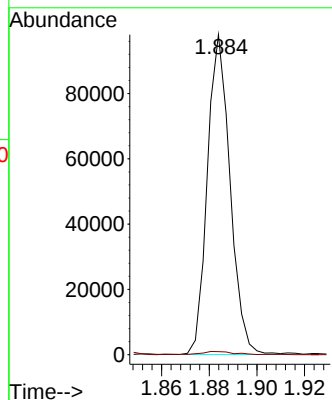
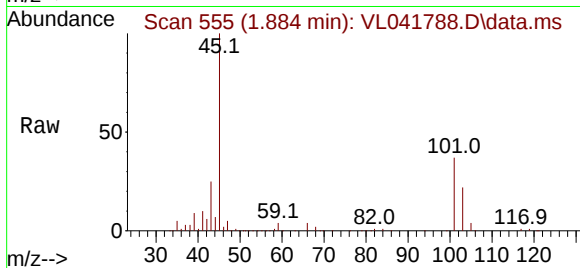
VSTDCCC010

Tgt Ion: 45 Resp: 64831

Ion Ratio Lower Upper

45 100

58 41.3 33.3 49.9



#20

Methylene Chloride

Concen: 8.462 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion: 84 Resp: 35699

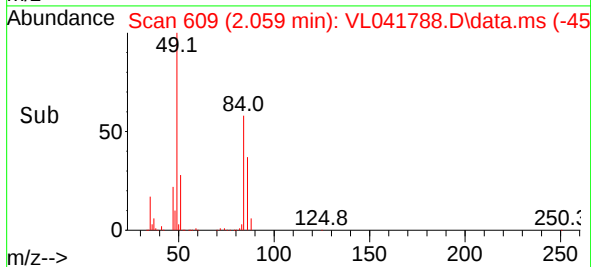
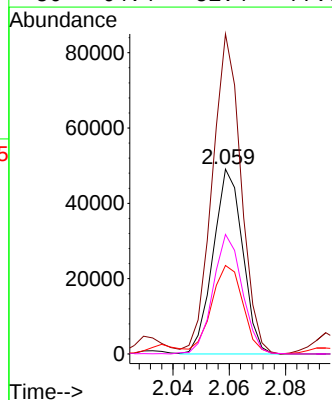
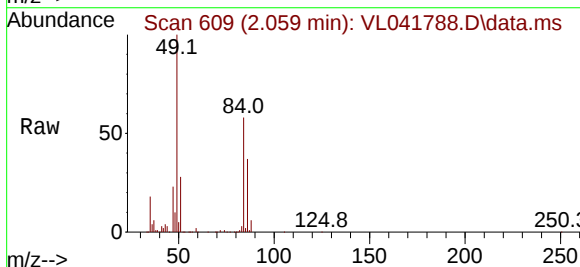
Ion Ratio Lower Upper

84 100

49 173.2 132.6 198.8

51 47.7 37.6 56.4

86 64.4 51.4 77.0





#21

Allyl Chloride

Concen: 9.281 ppbv

RT: 2.094 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

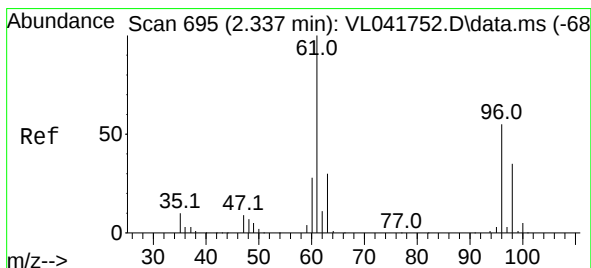
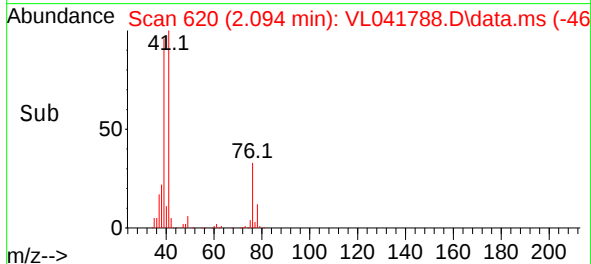
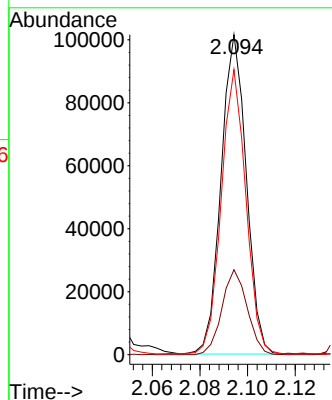
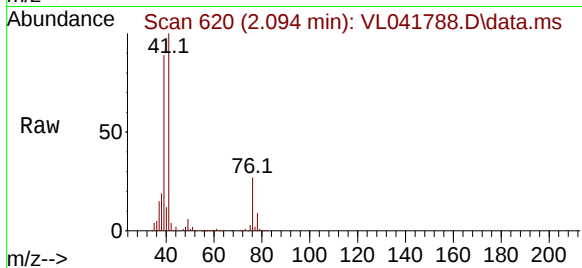
Tgt Ion: 41 Resp: 74468

Ion Ratio Lower Upper

41 100

76 26.7 22.3 33.5

39 86.9 69.2 103.8



#22

trans-1,2-Dichloroethene

Concen: 8.641 ppbv

RT: 2.337 min Scan# 695

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

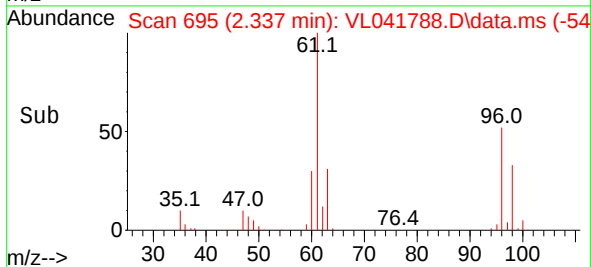
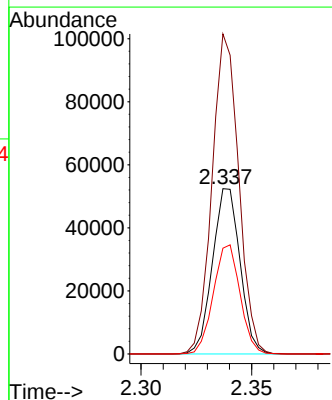
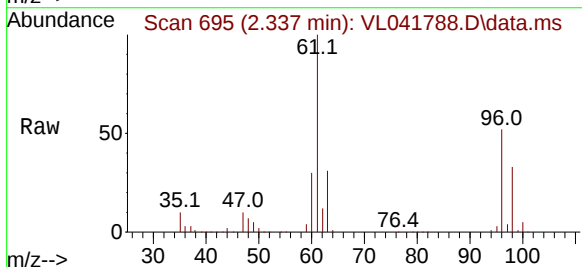
Tgt Ion: 96 Resp: 45331

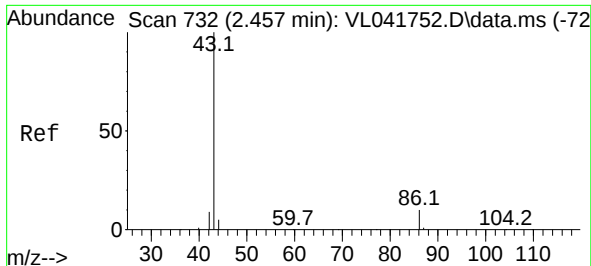
Ion Ratio Lower Upper

96 100

61 193.5 146.3 219.5

98 64.1 50.8 76.2





#23

Vinyl Acetate

Concen: 7.673 ppbv

RT: 2.460 min Scan# 716

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 52709

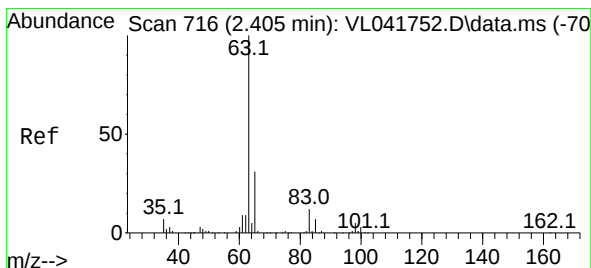
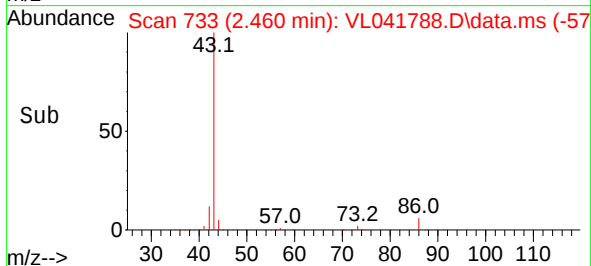
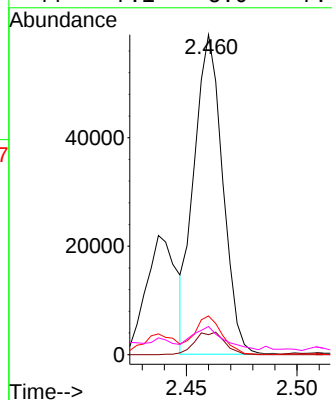
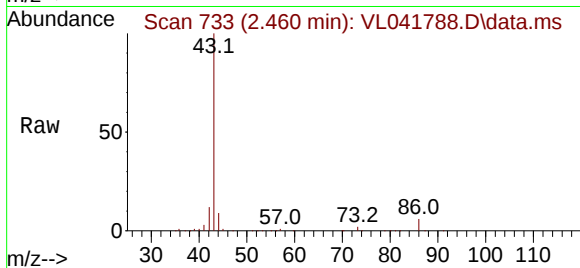
Ion Ratio Lower Upper

43 100

86 6.3 6.6 10.0#

42 12.0 8.2 12.2

44 7.1 5.0 7.4



#24

1,1-Dichloroethane

Concen: 9.020 ppbv

RT: 2.405 min Scan# 716

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

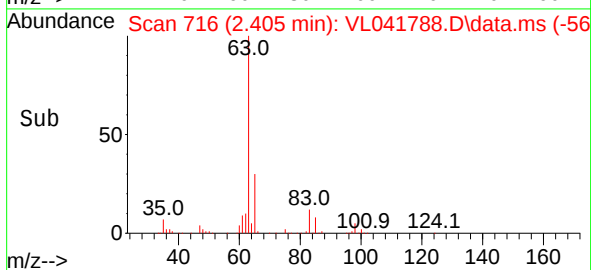
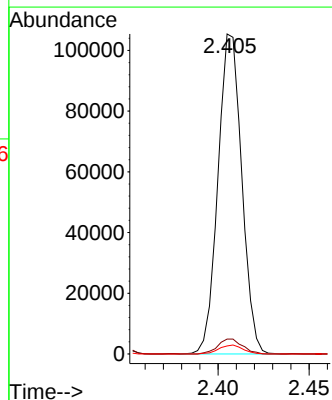
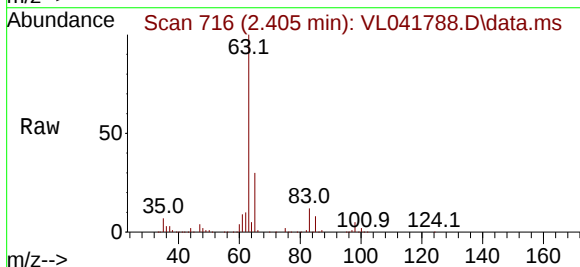
Tgt Ion: 63 Resp: 95779

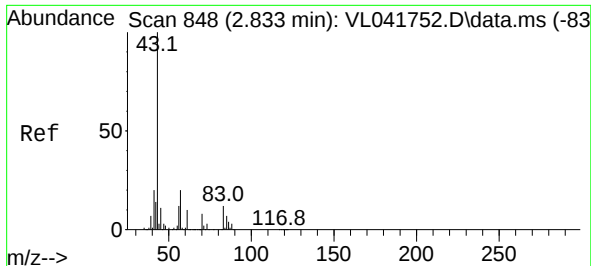
Ion Ratio Lower Upper

63 100

98 4.7 2.3 6.8

100 2.5 1.4 4.2





#25

Ethyl Acetate

Concen: 8.675 ppbv

RT: 2.832 min Scan# 848

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 238771

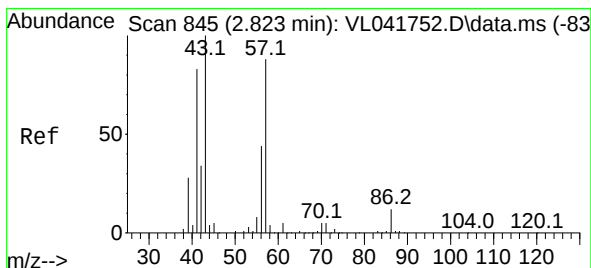
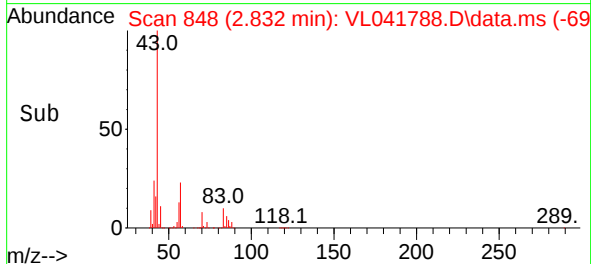
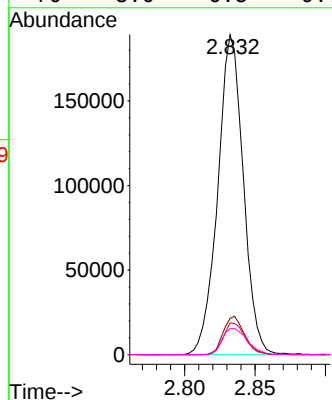
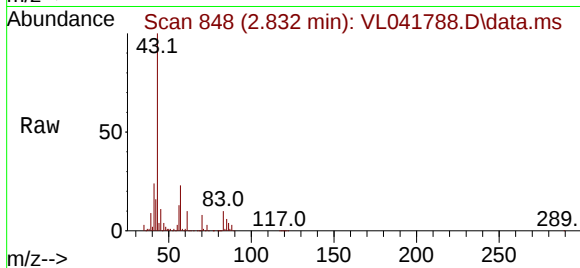
Ion Ratio Lower Upper

43 100

45 10.1 8.1 12.1

61 8.6 7.0 10.6

70 8.0 6.5 9.7



#26

Hexane

Concen: 8.386 ppbv

RT: 2.822 min Scan# 845

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion: 57 Resp: 87593

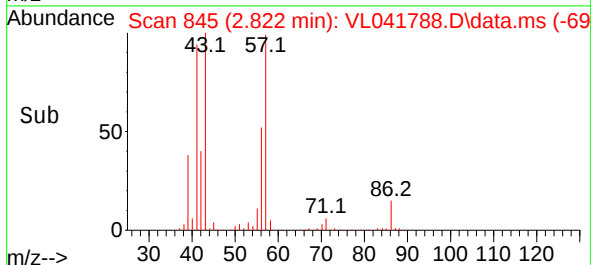
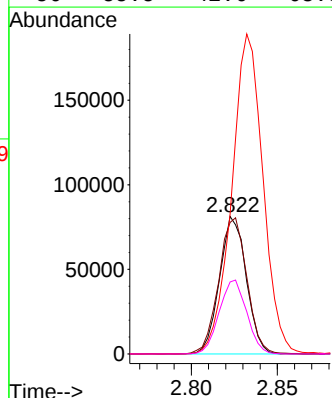
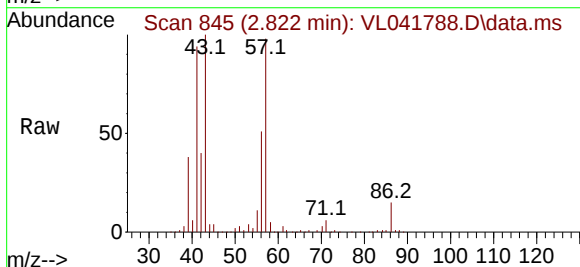
Ion Ratio Lower Upper

57 100

41 104.9 79.6 119.4

43 273.5 211.0 316.6

56 55.5 42.6 63.8





#27

Carbon Disulfide

Concen: 9.064 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

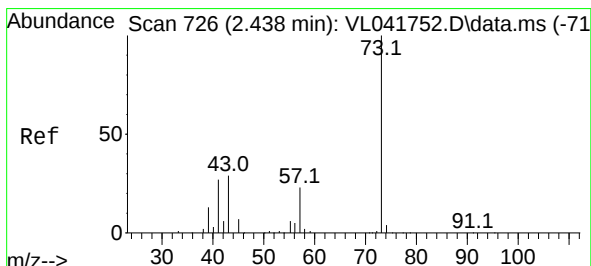
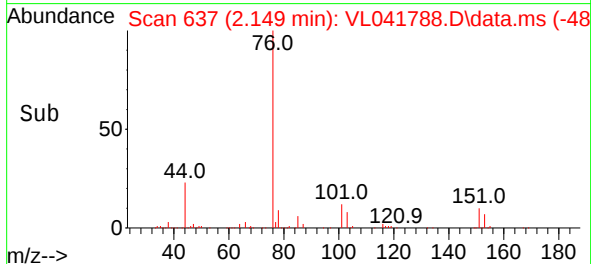
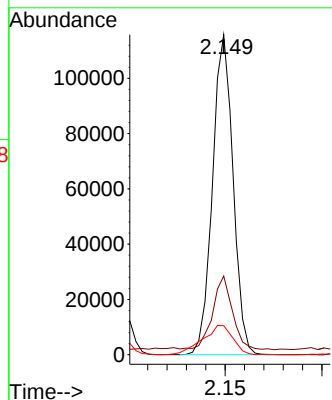
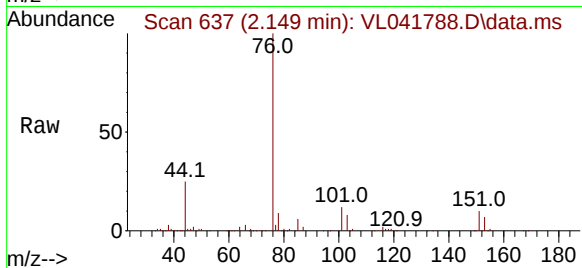
Tgt Ion: 76 Resp: 85318

Ion Ratio Lower Upper

76 100

44 22.8 17.6 26.4

78 13.5 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 8.021 ppbv

RT: 2.437 min Scan# 726

Delta R.T. -0.000 min

Lab File: VL041788.D

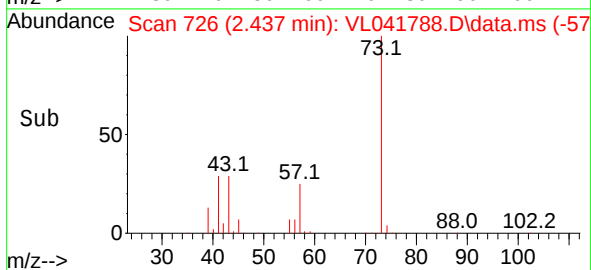
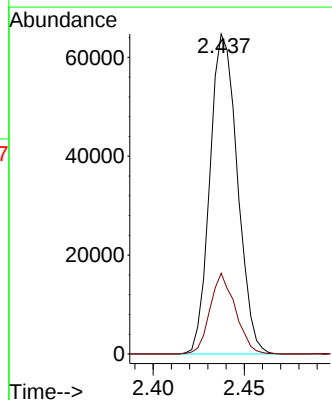
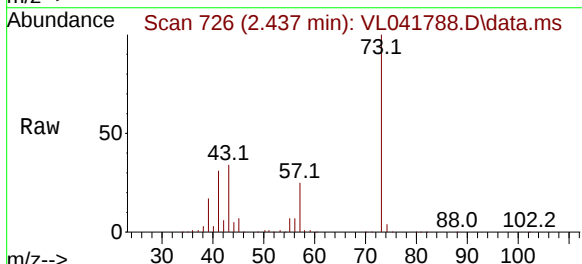
Acq: 18 Dec 2024 10:29

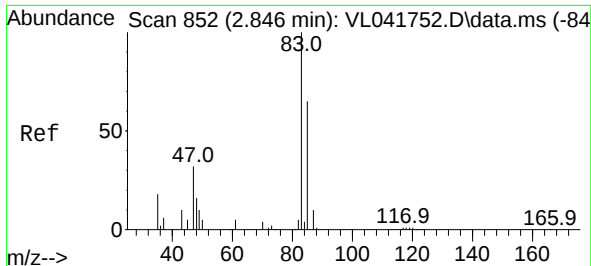
Tgt Ion: 73 Resp: 67965

Ion Ratio Lower Upper

73 100

57 23.3 17.6 26.4





#29

Chloroform

Concen: 9.143 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

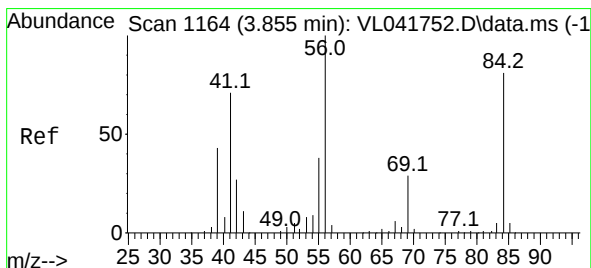
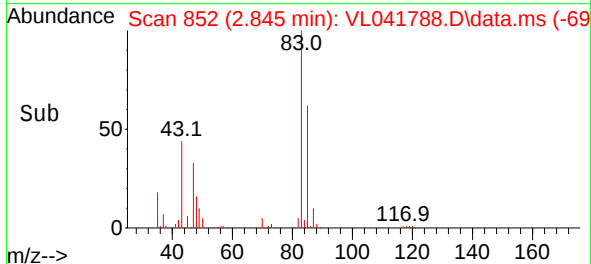
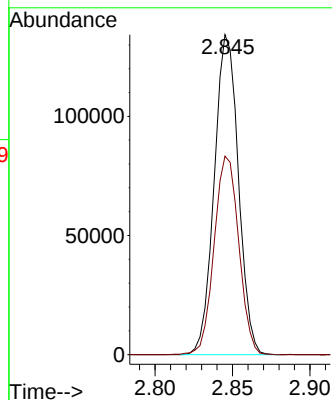
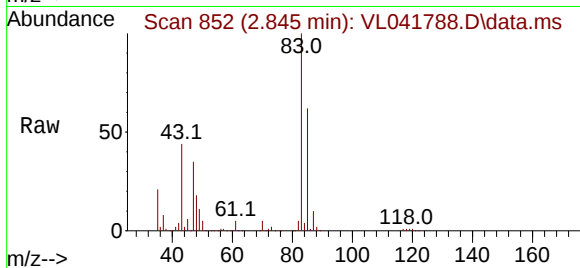
VSTDCCC010

Tgt Ion: 83 Resp: 145536

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6



#30

Cyclohexane

Concen: 8.366 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

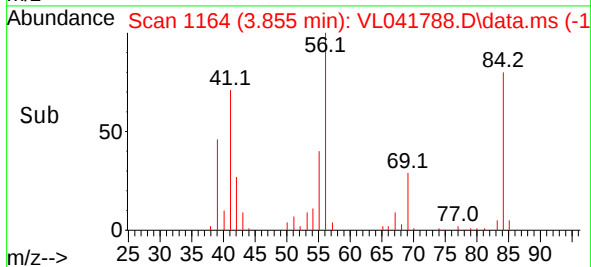
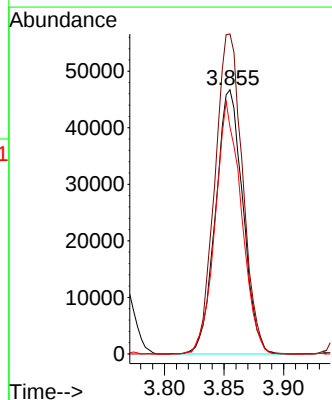
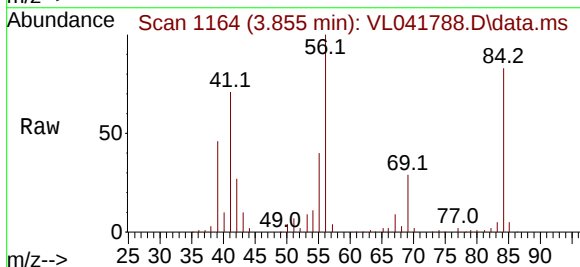
Tgt Ion: 84 Resp: 74346

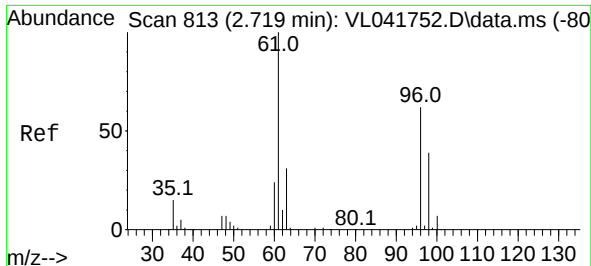
Ion Ratio Lower Upper

84 100

56 122.7 102.3 153.5

41 91.8 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 8.567 ppbv

RT: 2.719 min Scan# 813

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

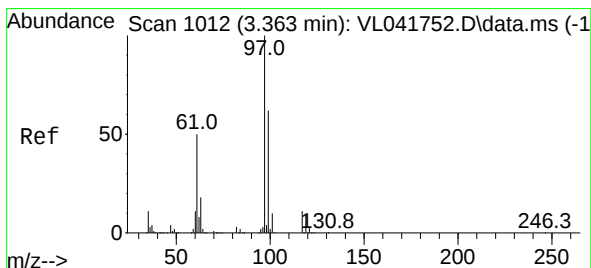
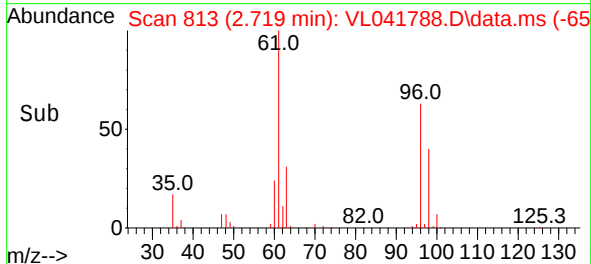
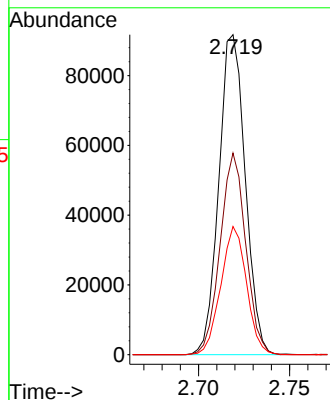
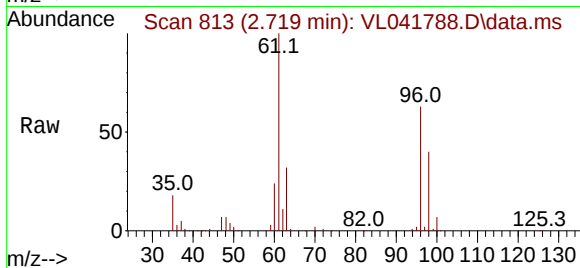
Tgt Ion: 61 Resp: 92460

Ion Ratio Lower Upper

61 100

96 63.0 49.7 74.5

98 40.0 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 8.902 ppbv

RT: 3.366 min Scan# 1013

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

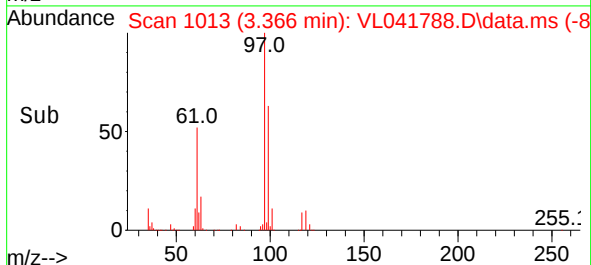
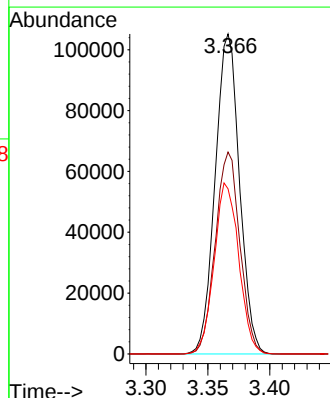
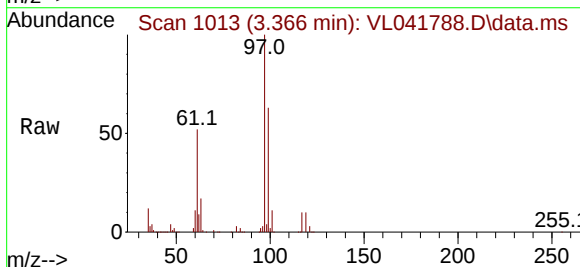
Tgt Ion: 97 Resp: 144038

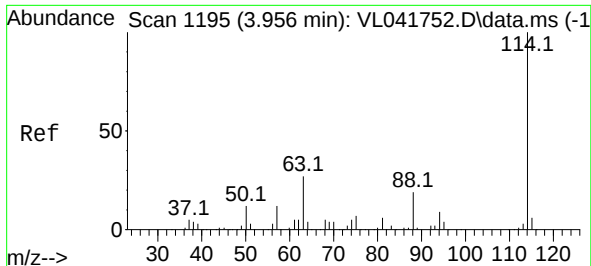
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 54.0 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.004 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

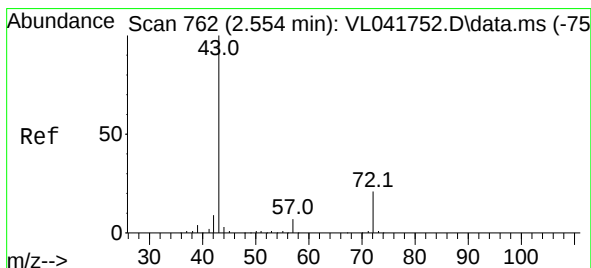
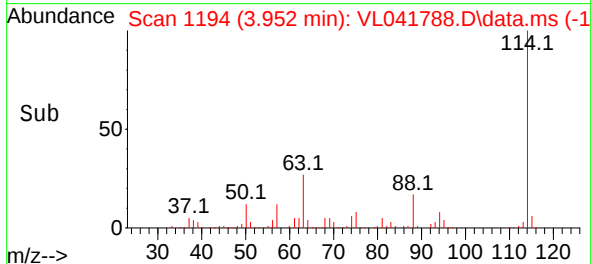
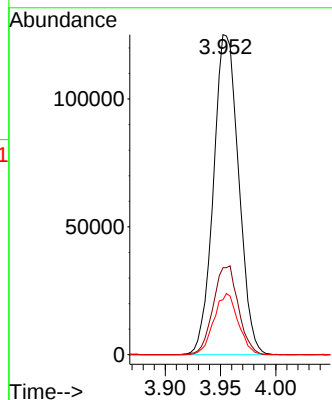
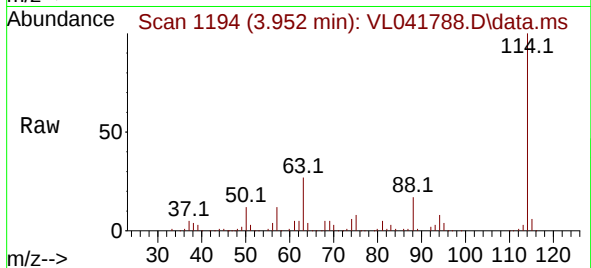
Tgt Ion:114 Resp: 198370

Ion Ratio Lower Upper

114 100

63 27.6 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 8.742 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.000 min

Lab File: VL041788.D

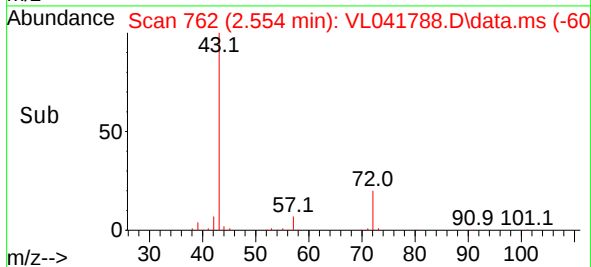
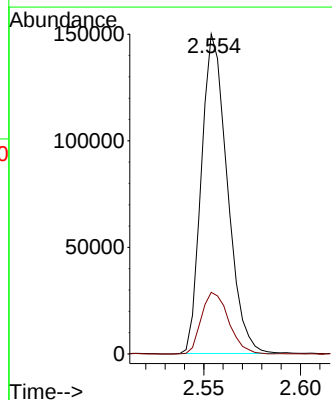
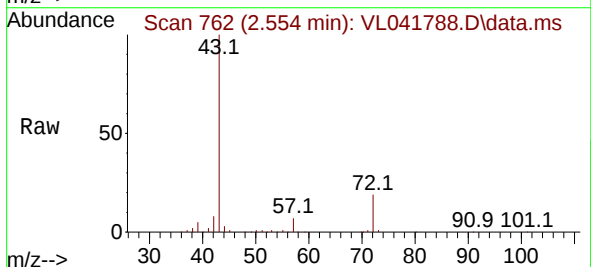
Acq: 18 Dec 2024 10:29

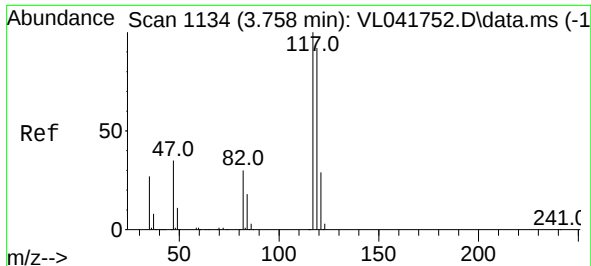
Tgt Ion: 43 Resp: 139509

Ion Ratio Lower Upper

43 100

72 20.5 16.8 25.2





#35

Carbon Tetrachloride

Concen: 10.490 ppbv

RT: 3.761 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

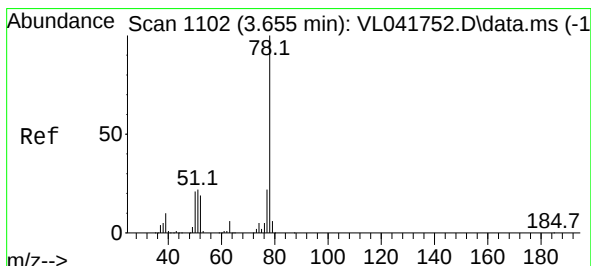
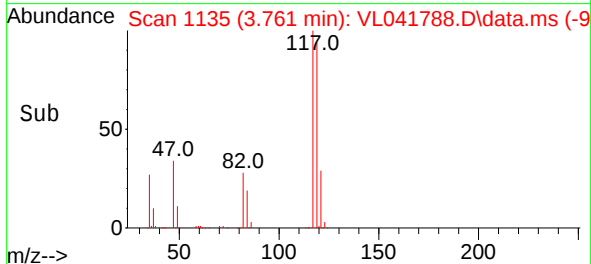
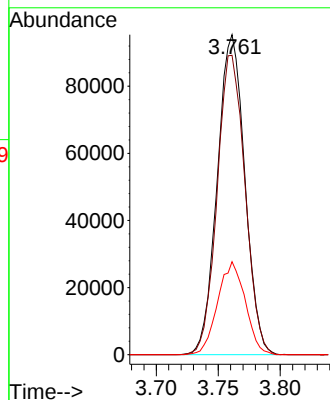
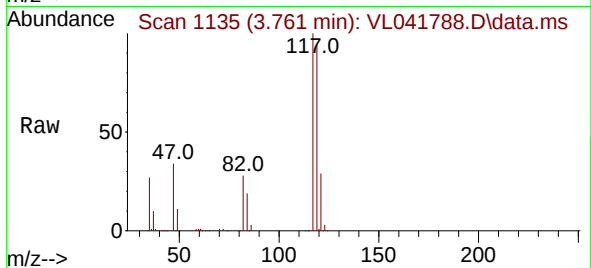
Tgt Ion:117 Resp: 147726

Ion Ratio Lower Upper

117 100

119 93.5 73.7 110.5

121 29.1 23.0 34.4



#36

Benzene

Concen: 8.680 ppbv

RT: 3.654 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

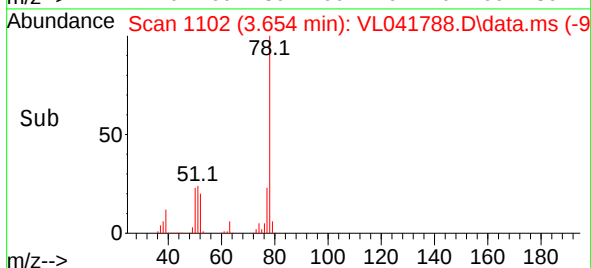
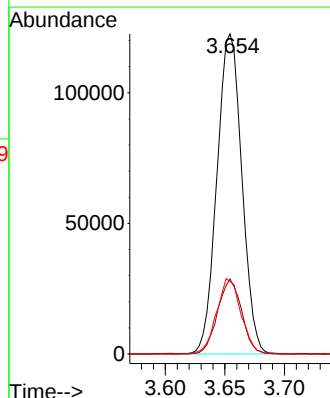
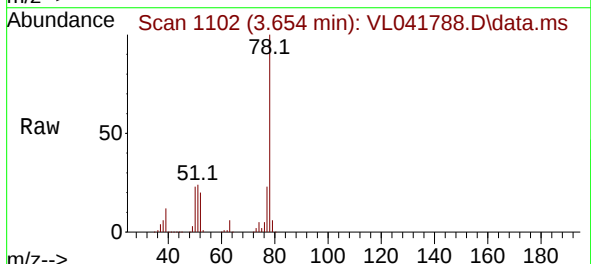
Tgt Ion: 78 Resp: 178114

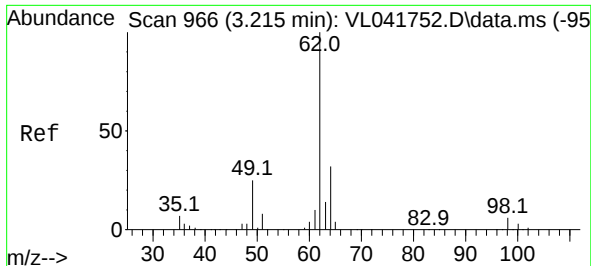
Ion Ratio Lower Upper

78 100

77 23.3 17.8 26.6

50 22.6 17.2 25.8





#37

1,2-Dichloroethane

Concen: 9.509 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

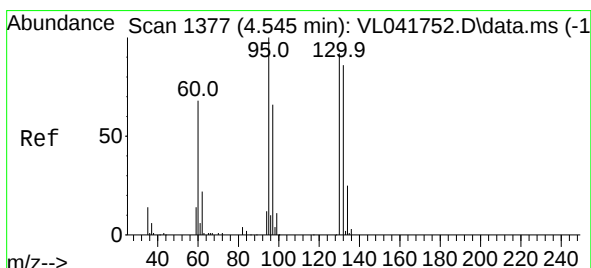
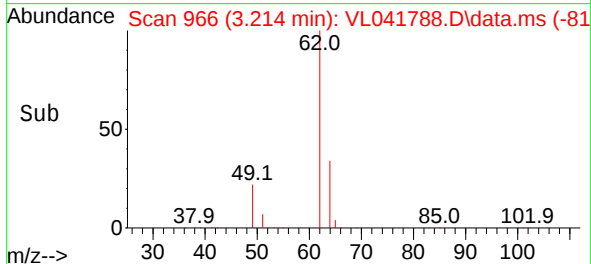
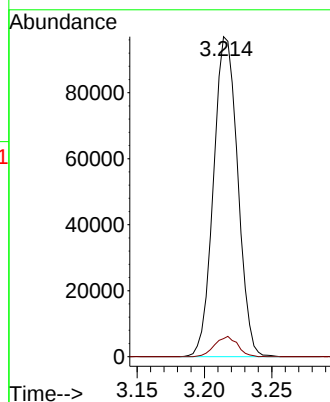
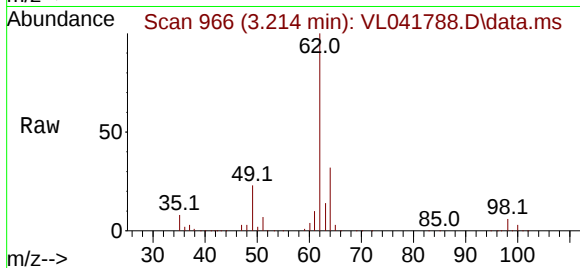
VSTDCCC010

Tgt Ion: 62 Resp: 121412

Ion Ratio Lower Upper

62 100

98 6.0 4.7 7.1



#38

Trichloroethene

Concen: 8.057 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:130 Resp: 70175

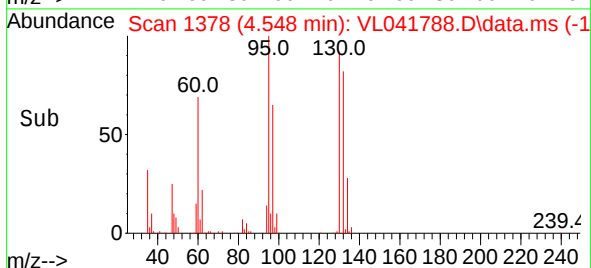
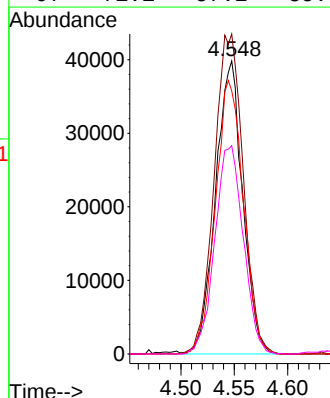
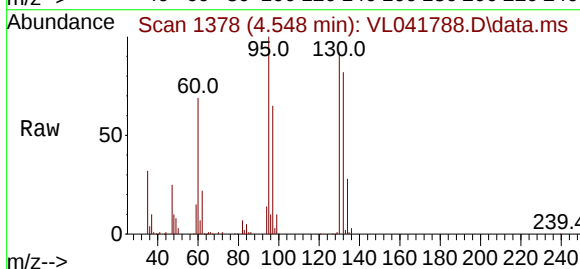
Ion Ratio Lower Upper

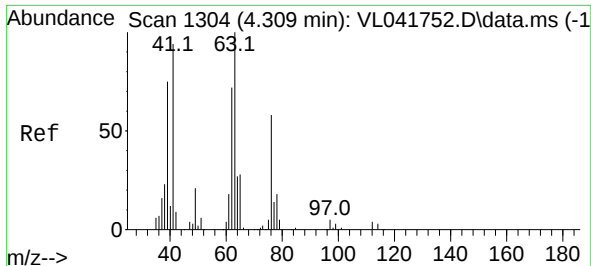
130 100

95 109.2 87.0 130.6

132 89.8 75.0 112.6

97 71.1 57.2 85.8





#39

1,2-Dichloropropane

Concen: 8.645 ppbv

RT: 4.308 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

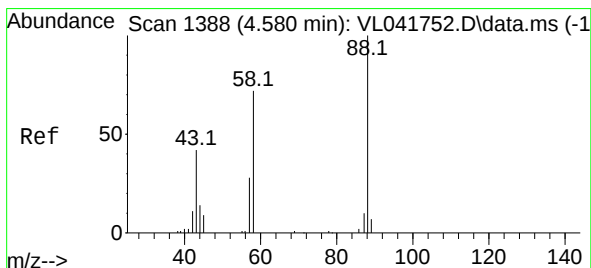
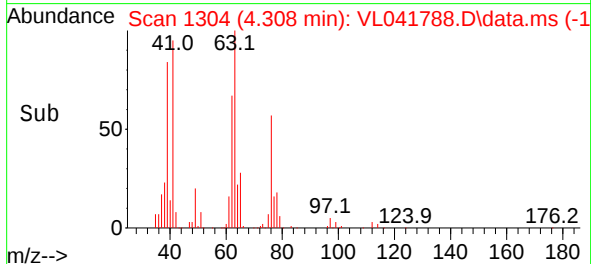
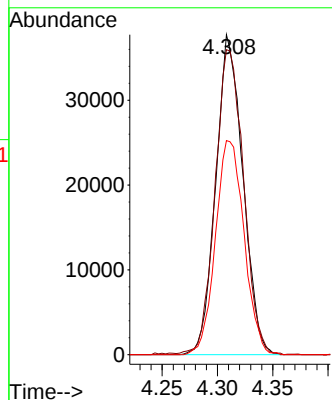
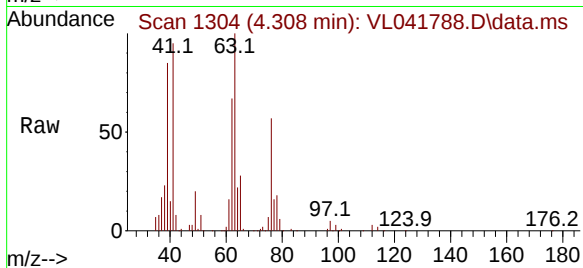
Tgt Ion: 63 Resp: 64154

Ion Ratio Lower Upper

63 100

41 94.8 75.3 112.9

62 66.9 57.3 85.9



#40

1,4-Dioxane

Concen: 8.347 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion: 88 Resp: 30262

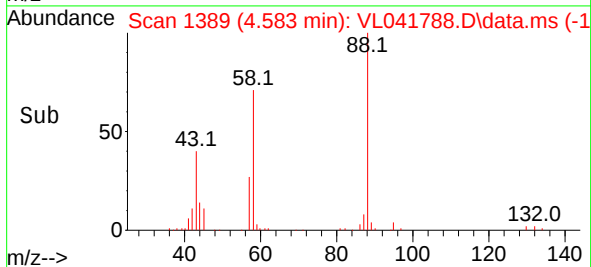
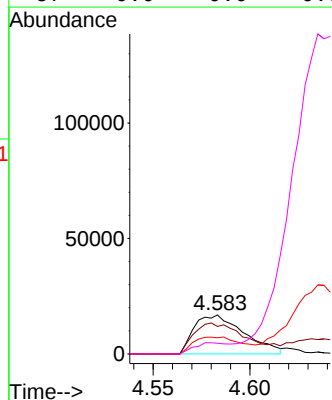
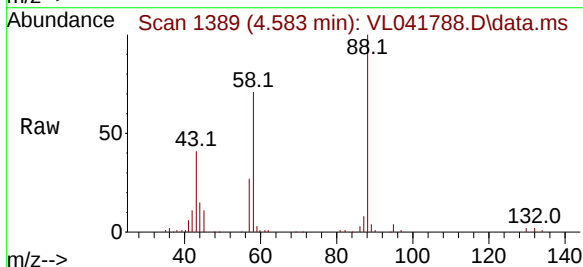
Ion Ratio Lower Upper

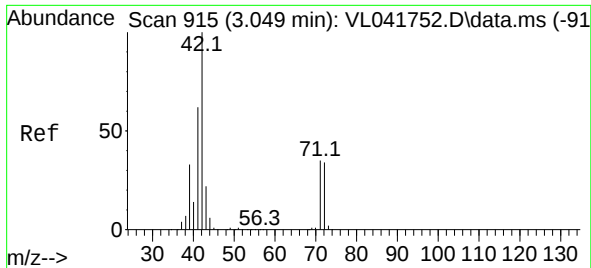
88 100

58 79.3 61.0 91.6

43 40.5 29.4 44.0

57 0.0 0.0 0.0

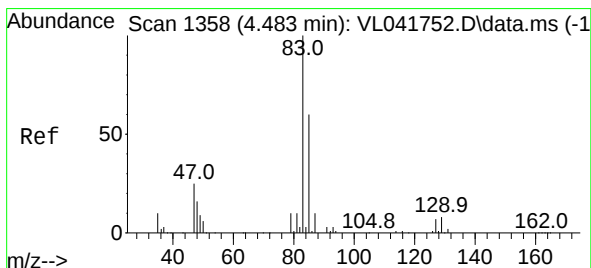
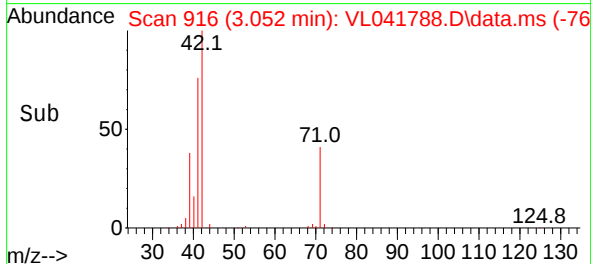
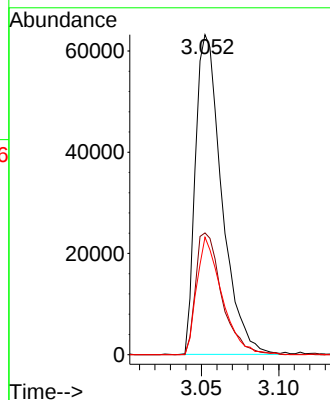
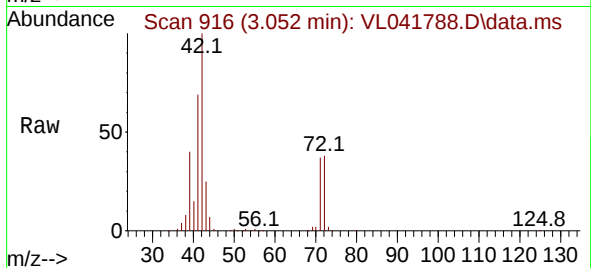




#41
Tetrahydrofuran
Concen: 8.359 ppbv
RT: 3.052 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

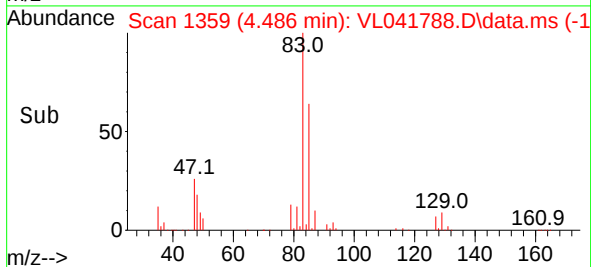
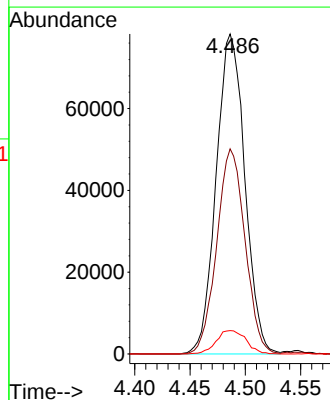
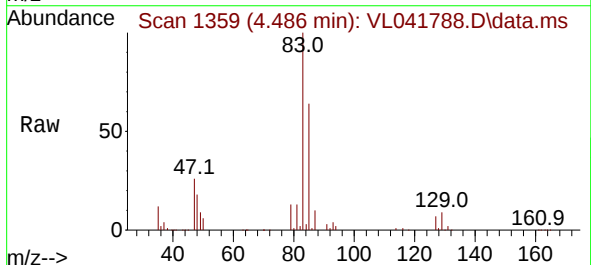
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

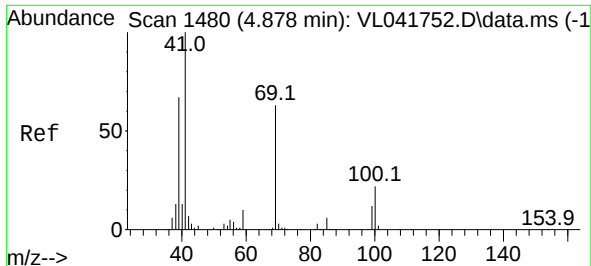
Tgt Ion: 42 Resp: 74734
Ion Ratio Lower Upper
42 100
72 38.0 29.1 43.7
71 35.3 28.4 42.6



#42
Bromodichloromethane
Concen: 9.588 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 83 Resp: 140832
Ion Ratio Lower Upper
83 100
85 64.1 48.0 72.0
127 7.3 5.8 8.8

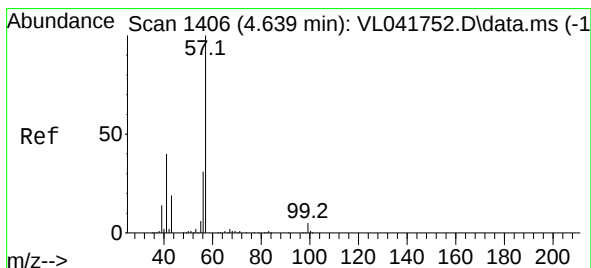
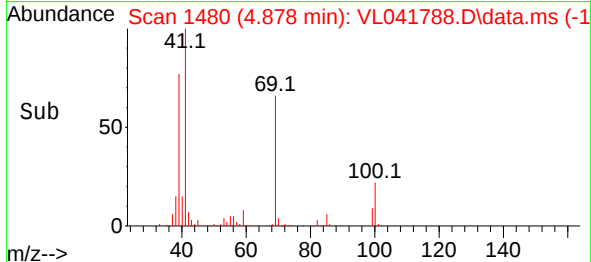
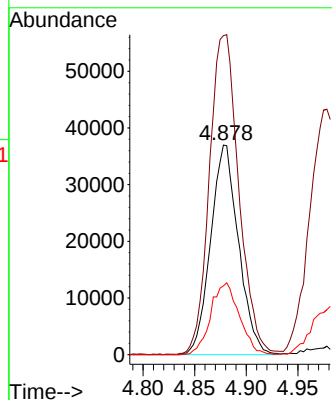
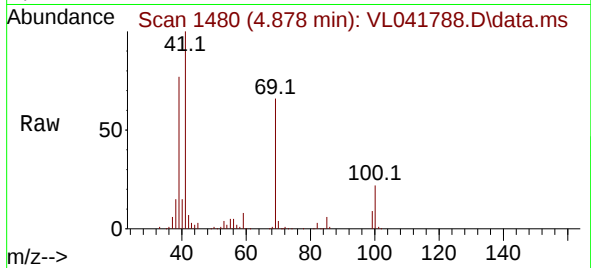




#43
Methyl Methacrylate
Concen: 8.895 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

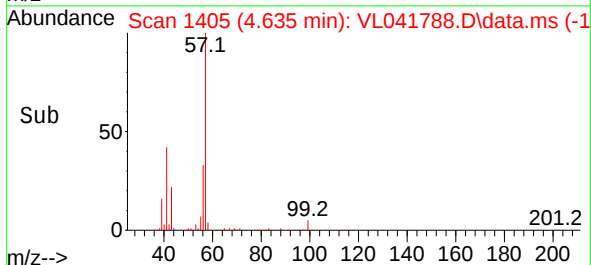
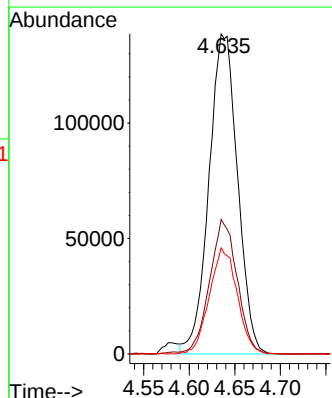
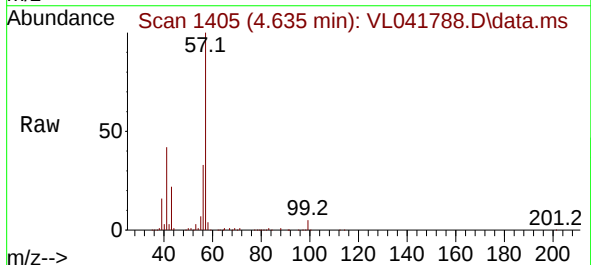
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

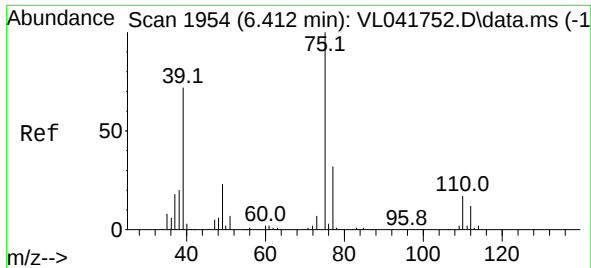
Tgt Ion: 69 Resp: 69545
Ion Ratio Lower Upper
69 100
41 161.4 130.3 195.5
100 35.2 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 8.627 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.004 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 57 Resp: 302332
Ion Ratio Lower Upper
57 100
41 40.7 30.7 46.1
56 32.3 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 8.607 ppbv

RT: 6.412 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

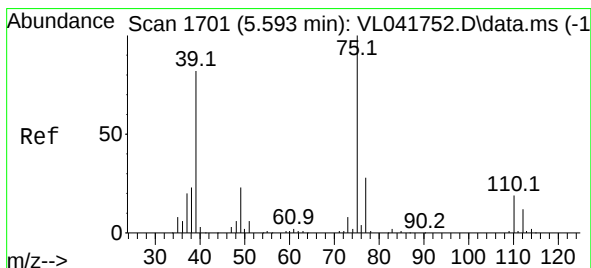
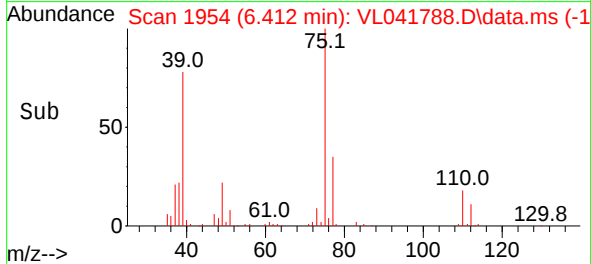
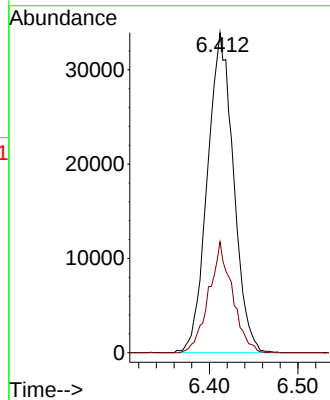
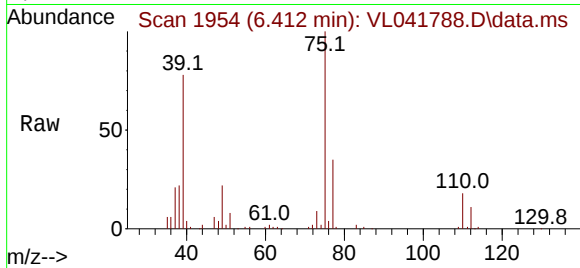
VSTDCCC010

Tgt Ion: 75 Resp: 69601

Ion Ratio Lower Upper

75 100

77 34.6 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 5.084 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

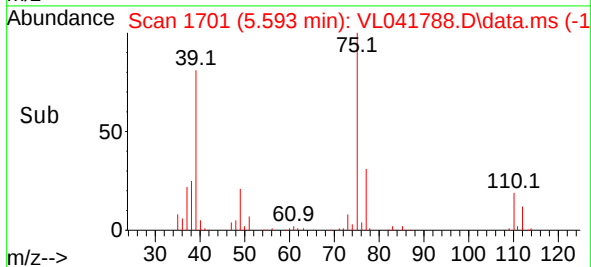
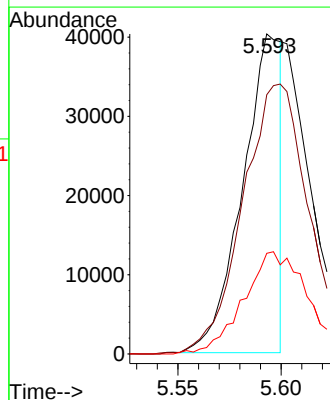
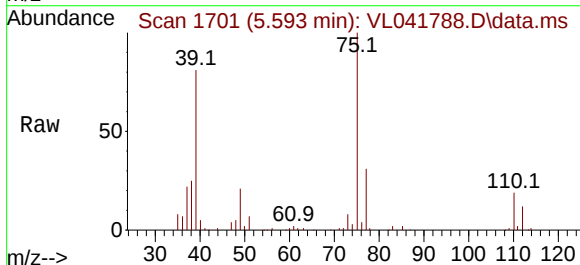
Tgt Ion: 75 Resp: 52196

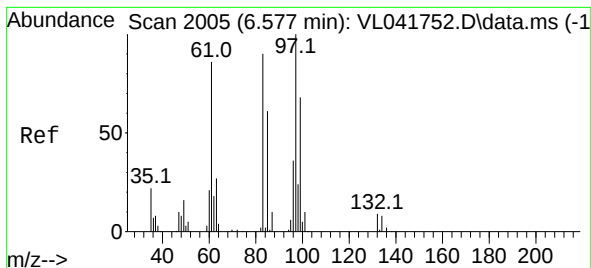
Ion Ratio Lower Upper

75 100

39 80.8 65.2 97.8

77 31.1 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 8.736 ppbv

RT: 6.580 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 67717

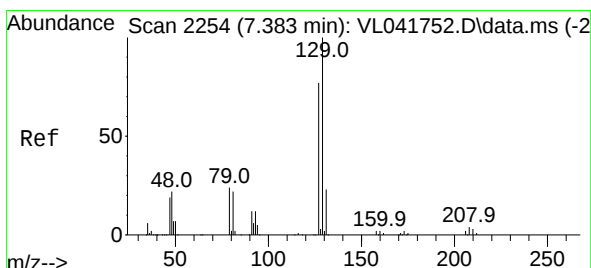
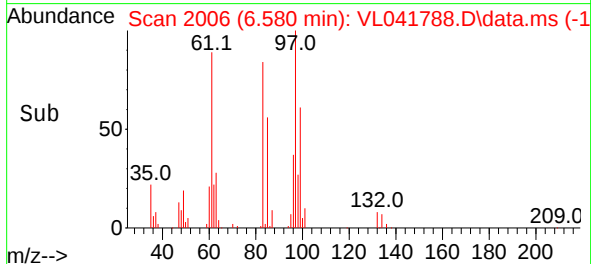
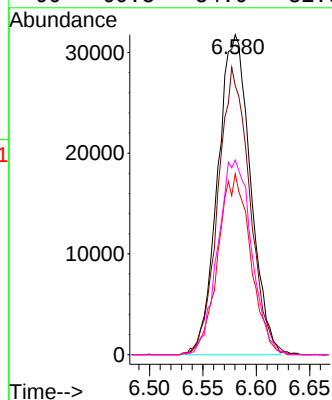
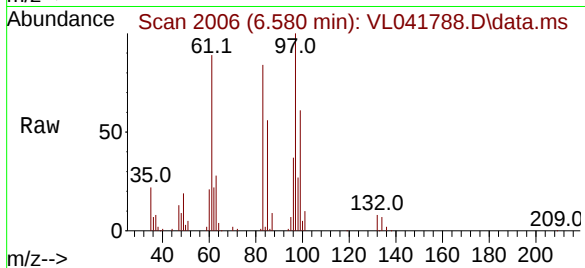
Ion Ratio Lower Upper

97 100

83 84.1 72.3 108.5

85 56.5 48.5 72.7

99 60.8 54.0 81.0



#48

Dibromochloromethane

Concen: 9.625 ppbv

RT: 7.386 min Scan# 2255

Delta R.T. 0.003 min

Lab File: VL041788.D

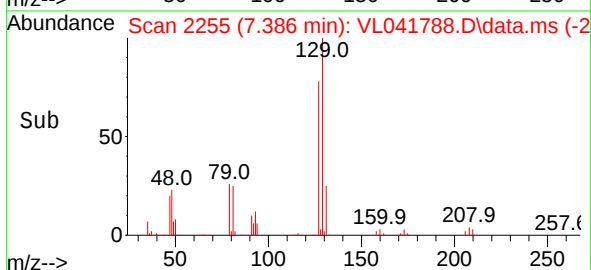
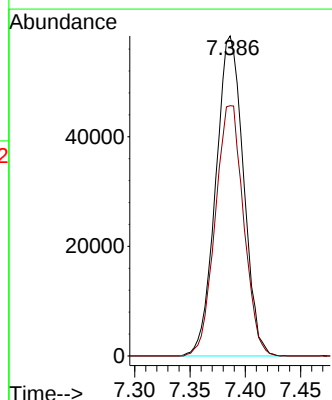
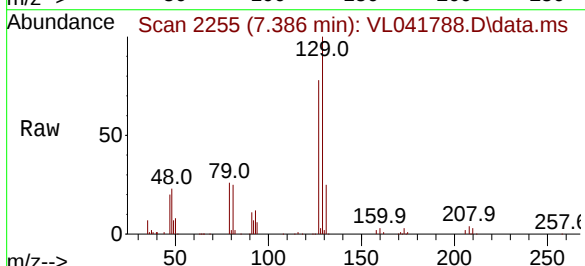
Acq: 18 Dec 2024 10:29

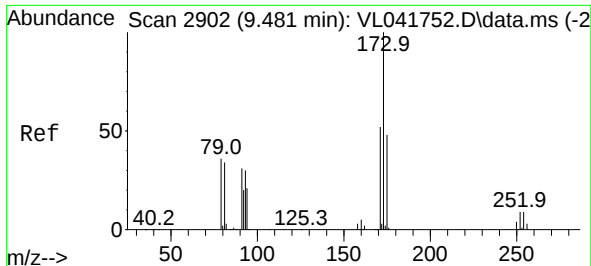
Tgt Ion: 129 Resp: 101875

Ion Ratio Lower Upper

129 100

127 80.0 38.8 116.3





#49

Bromoform

Concen: 9.655 ppbv

RT: 9.483 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

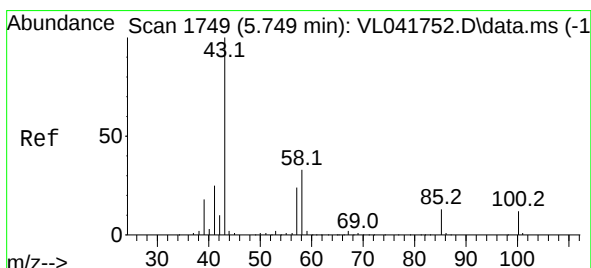
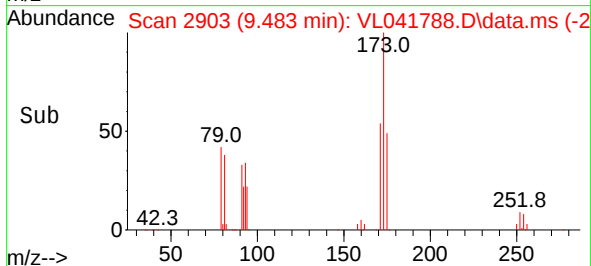
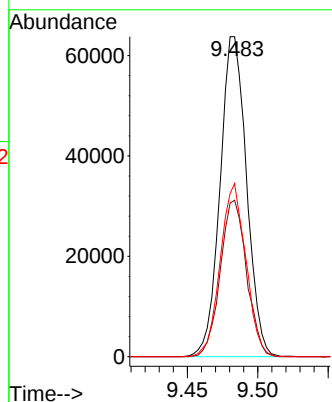
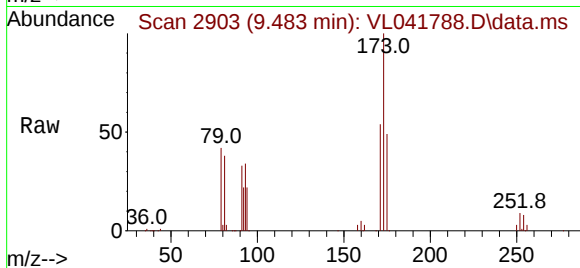
Tgt Ion:173 Resp: 83649

Ion Ratio Lower Upper

173 100

175 48.6 38.2 57.2

171 52.2 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 8.600 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VL041788.D

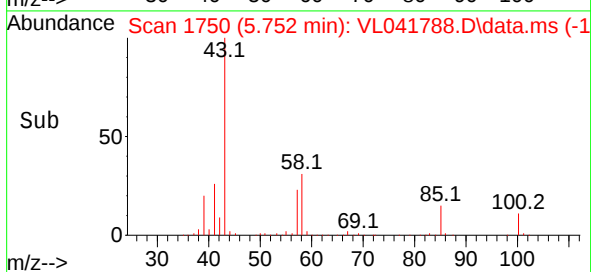
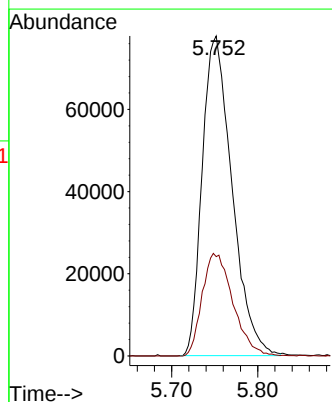
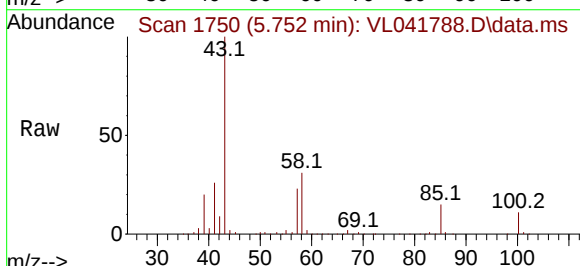
Acq: 18 Dec 2024 10:29

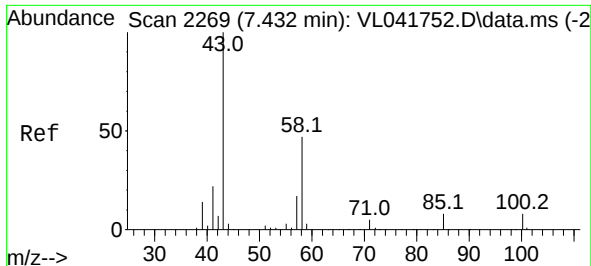
Tgt Ion: 43 Resp: 186865

Ion Ratio Lower Upper

43 100

58 33.2 26.8 40.2

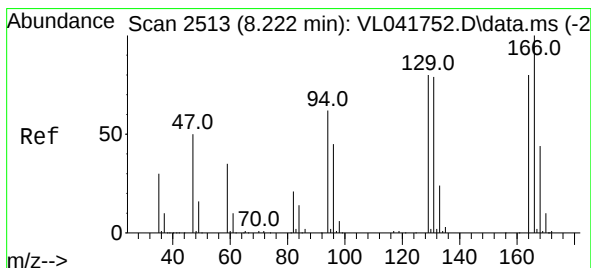
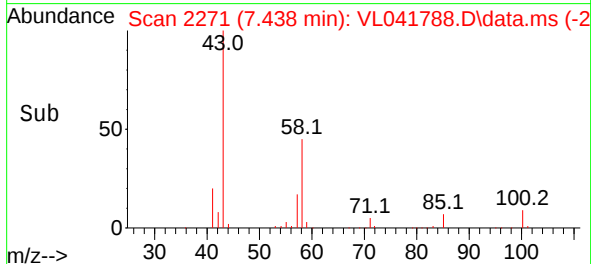
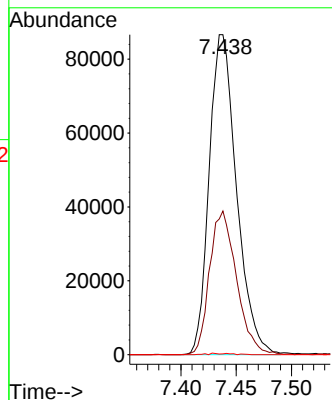
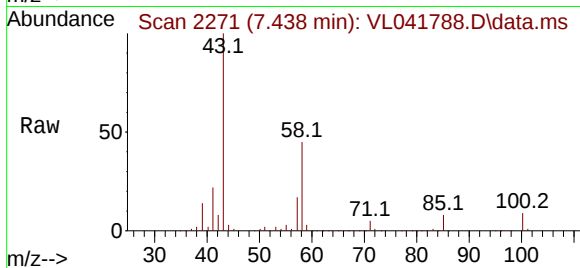




#51
2-Hexanone
Concen: 8.472 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

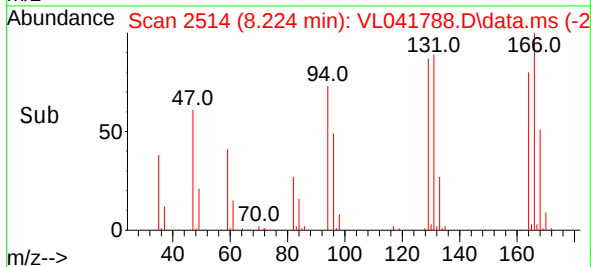
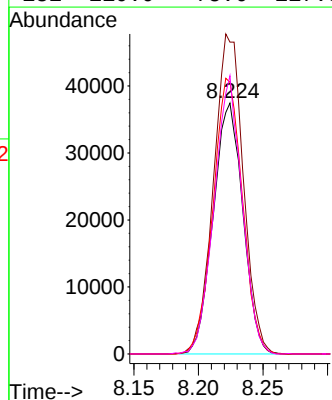
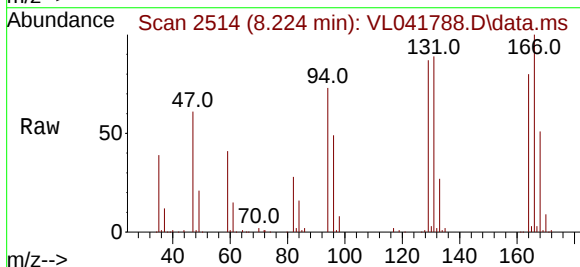
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

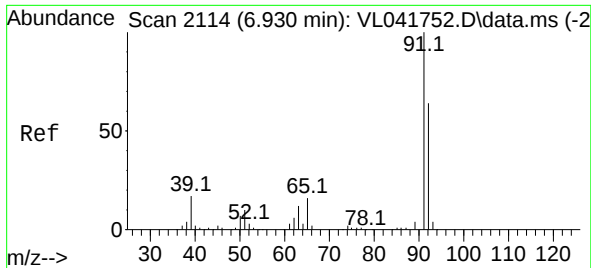
Tgt Ion: 43 Resp: 149217
Ion Ratio Lower Upper
43 100
58 44.3 36.6 55.0
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 7.824 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 164 Resp: 59756
Ion Ratio Lower Upper
164 100
166 124.1 99.8 149.6
129 108.3 79.6 119.4
131 110.9 78.6 117.8

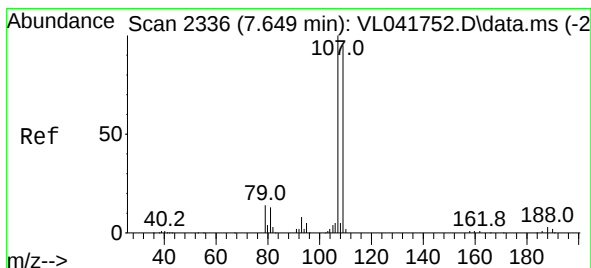
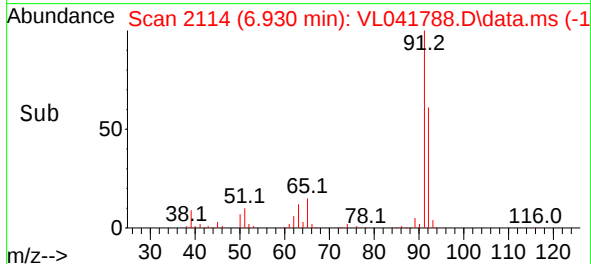
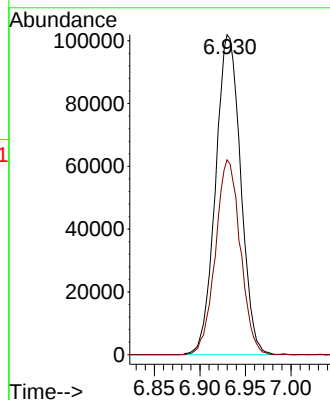
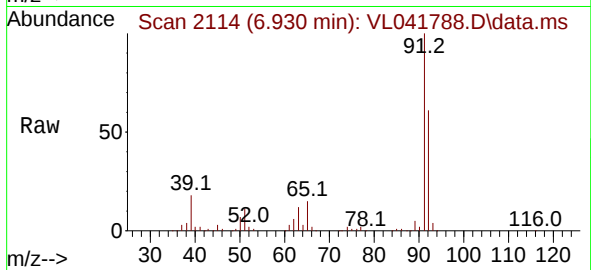




#53
Toluene
Concen: 8.389 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

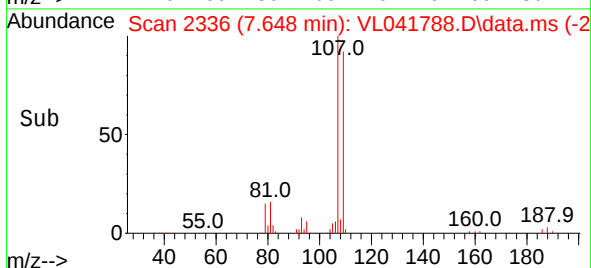
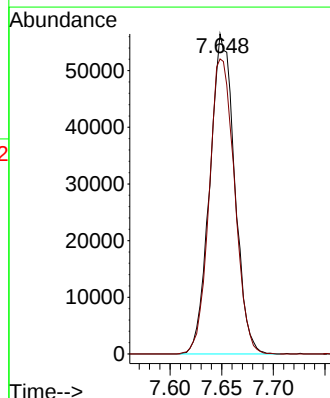
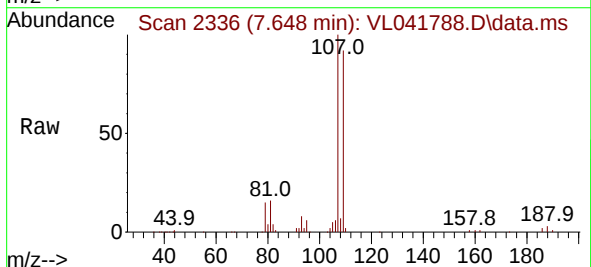
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

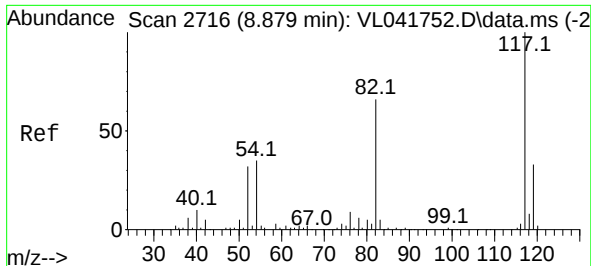
Tgt Ion: 91 Resp: 195158
Ion Ratio Lower Upper
91 100
92 60.5 47.9 71.9



#54
1,2-Dibromoethane
Concen: 8.814 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion: 107 Resp: 94138
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

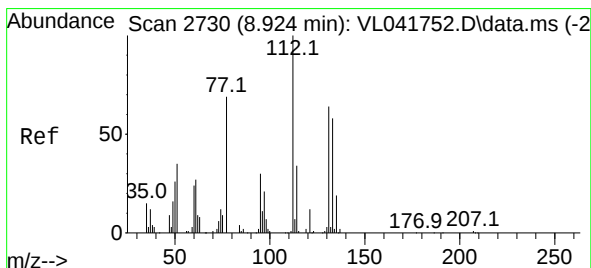
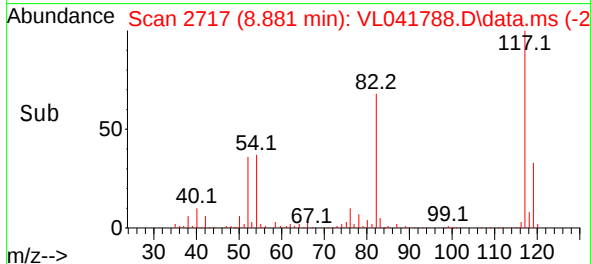
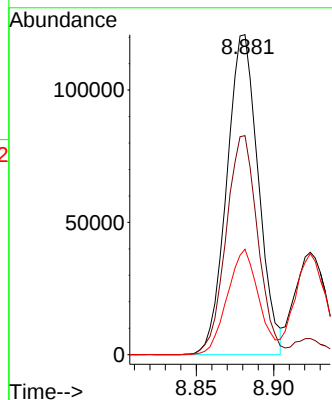
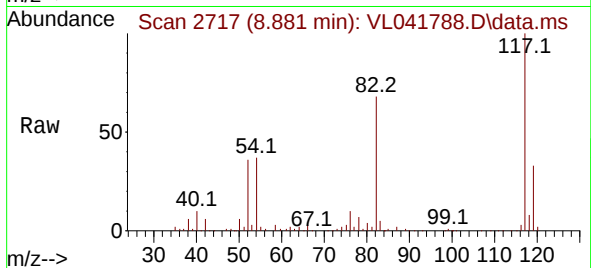
Tgt Ion:117 Resp: 172190

Ion Ratio Lower Upper

117 100

82 73.5 53.8 80.8

119 33.1 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 9.626 ppbv

RT: 8.924 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

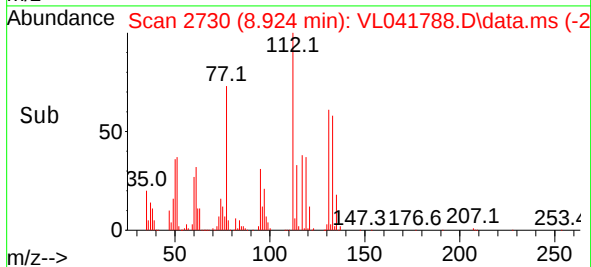
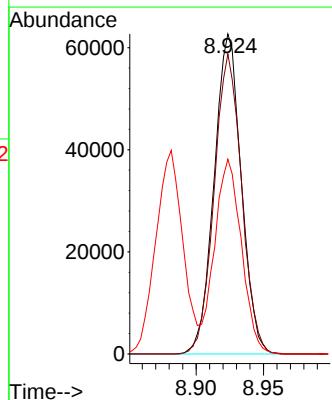
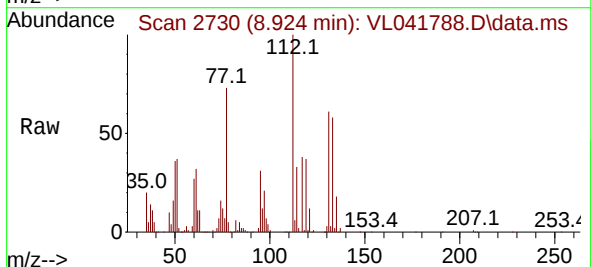
Tgt Ion:131 Resp: 87869

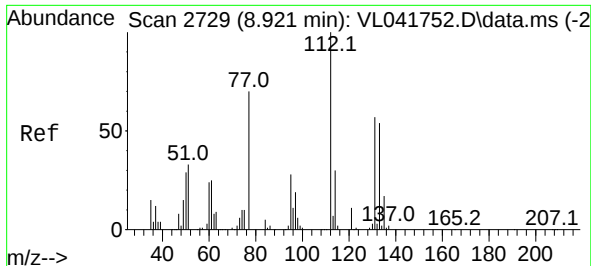
Ion Ratio Lower Upper

131 100

133 94.8 76.8 115.2

119 60.8 49.0 73.6





#57

Chlorobenzene

Concen: 8.912 ppbv

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

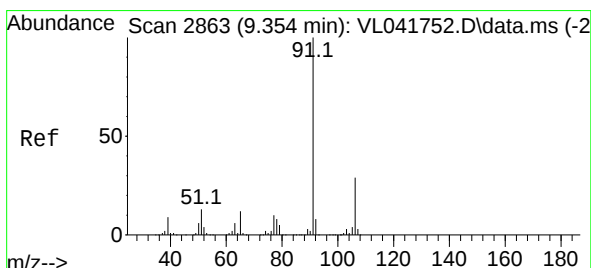
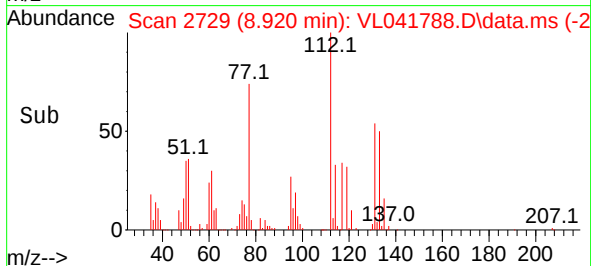
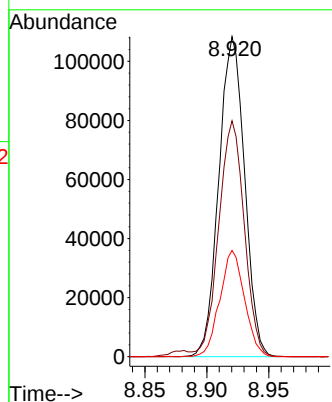
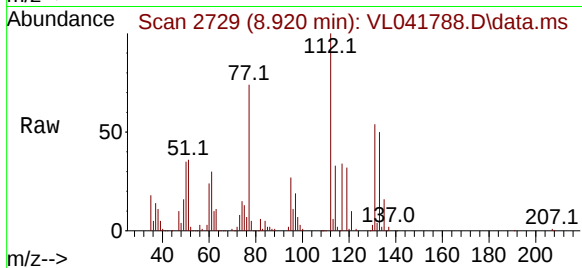
Tgt Ion:112 Resp: 157039

Ion Ratio Lower Upper

112 100

77 73.6 57.4 86.0

114 33.2 27.4 33.4



#58

Ethyl Benzene

Concen: 9.074 ppbv

RT: 9.354 min Scan# 2863

Delta R.T. -0.000 min

Lab File: VL041788.D

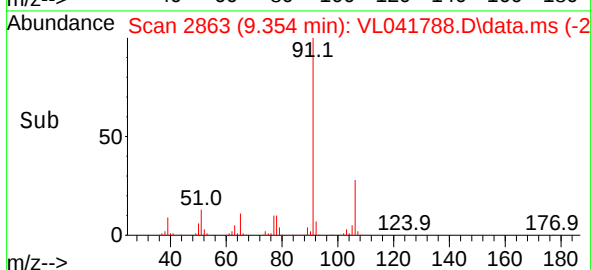
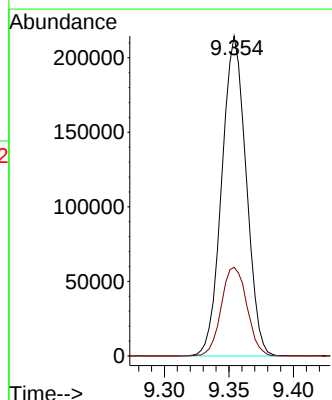
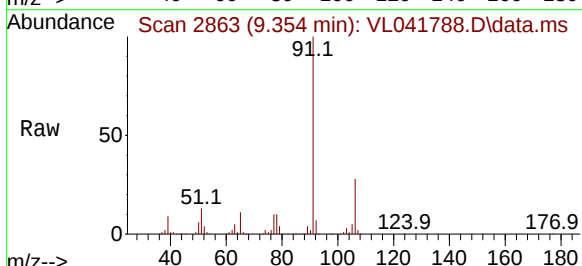
Acq: 18 Dec 2024 10:29

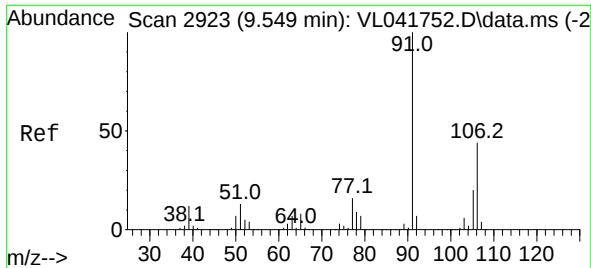
Tgt Ion: 91 Resp: 281290

Ion Ratio Lower Upper

91 100

106 27.7 23.5 35.3





#59

m/p-Xylene

Concen: 9.710 ppbv

RT: 9.548 min Scan# 242021

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

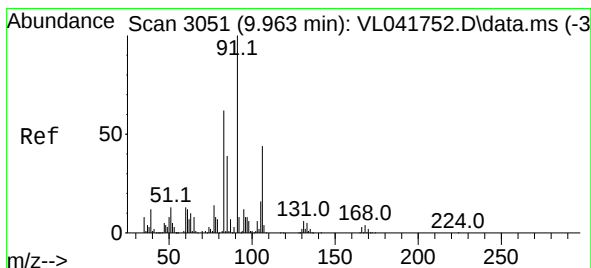
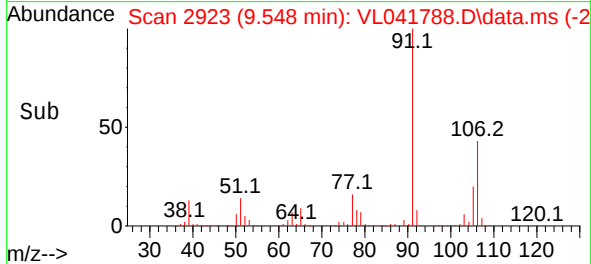
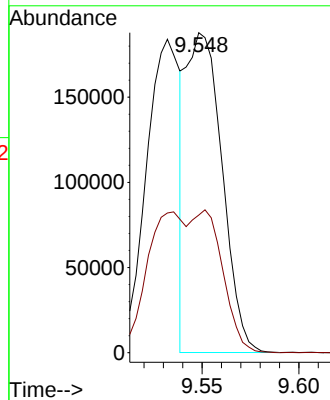
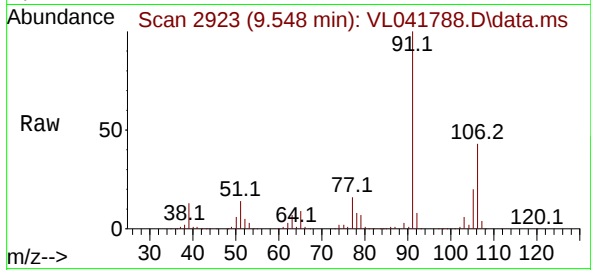
VSTDCCC010

Tgt Ion: 91 Resp: 242021

Ion Ratio Lower Upper

91 100

106 87.1 0.0 0.0#



#60

o-Xylene

Concen: 9.283 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL041788.D

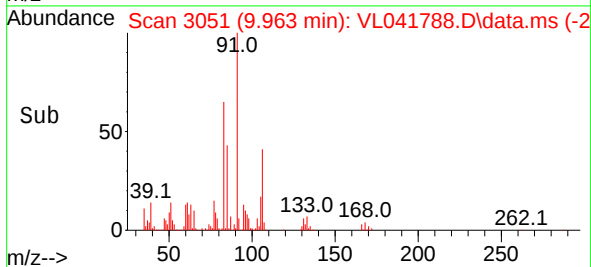
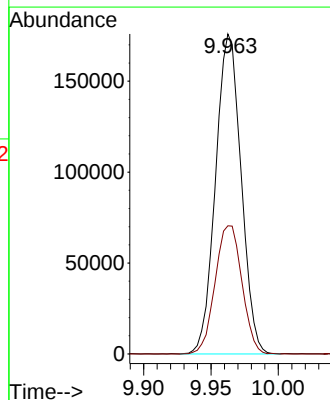
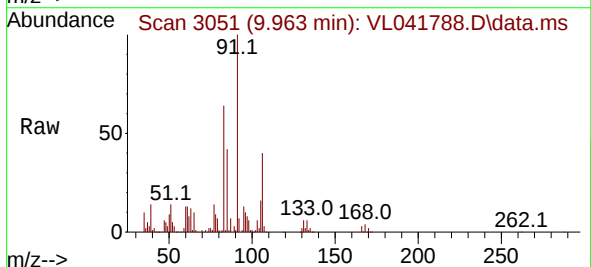
Acq: 18 Dec 2024 10:29

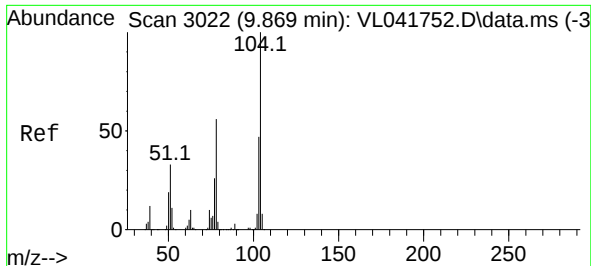
Tgt Ion: 91 Resp: 232028

Ion Ratio Lower Upper

91 100

106 42.1 21.1 63.4

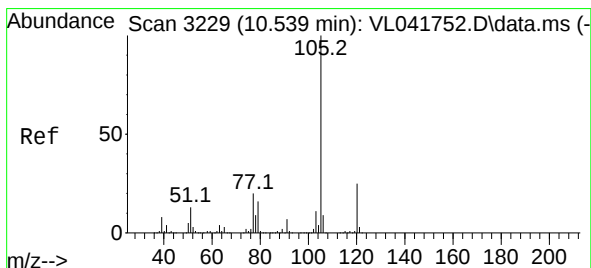
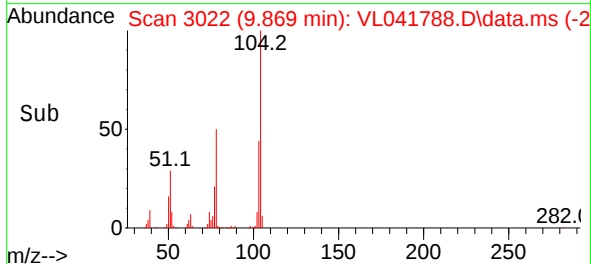
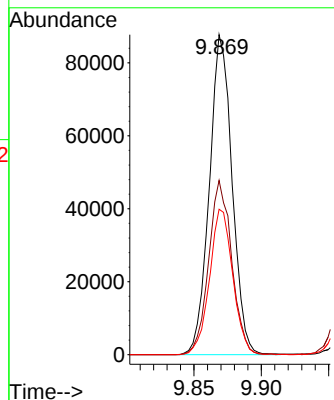
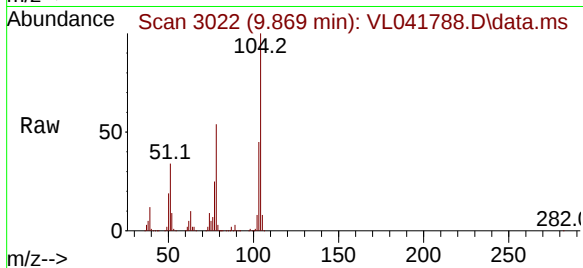




#61
Styrene
Concen: 9.550 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

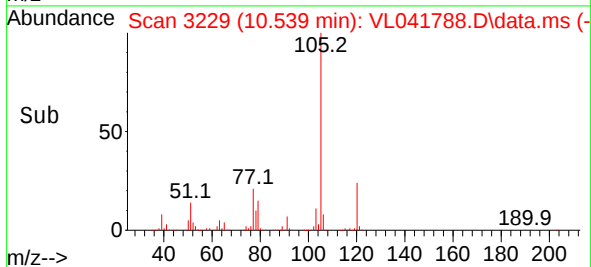
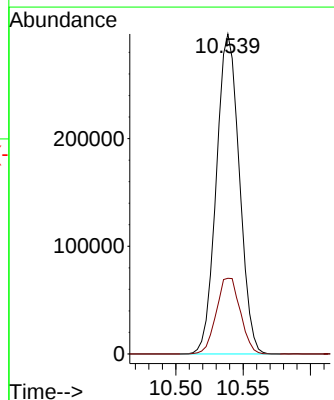
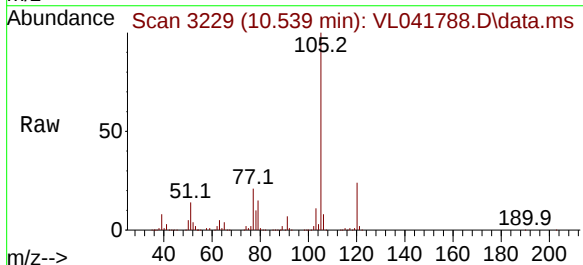
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

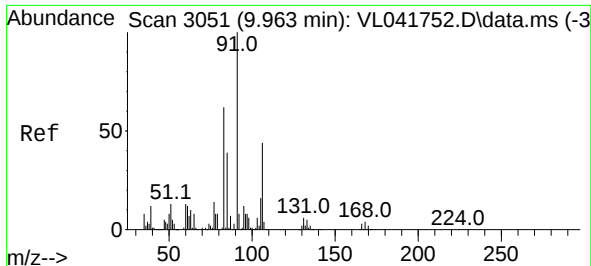
Tgt Ion:104 Resp: 103216
Ion Ratio Lower Upper
104 100
78 55.1 43.8 65.6
103 46.5 37.8 56.6



#62
Isopropylbenzene
Concen: 9.397 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:105 Resp: 352903
Ion Ratio Lower Upper
105 100
120 24.7 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.216 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

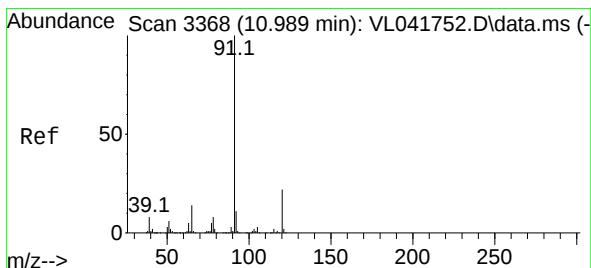
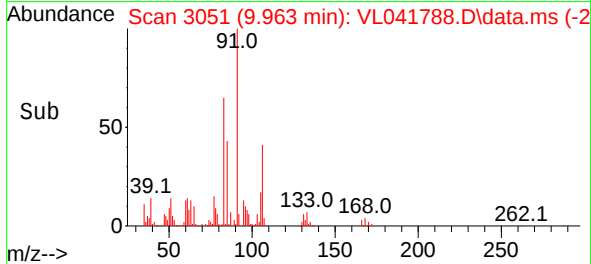
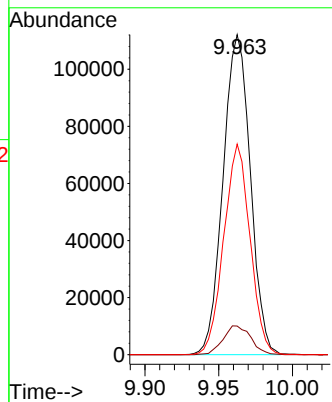
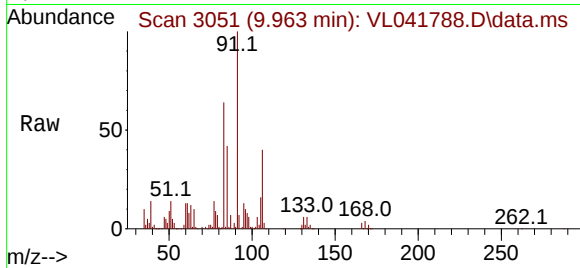
Tgt Ion: 83 Resp: 144197

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 63.4 32.0 96.2



#64

n-propylbenzene

Concen: 9.483 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.000 min

Lab File: VL041788.D

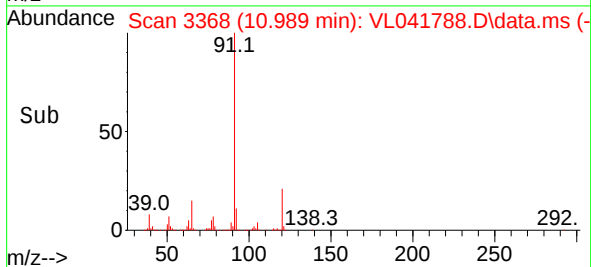
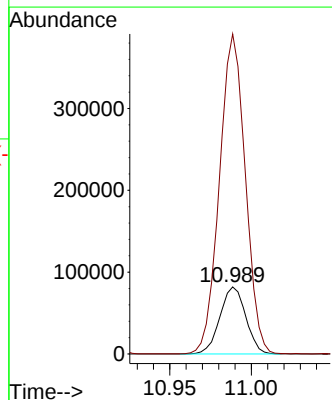
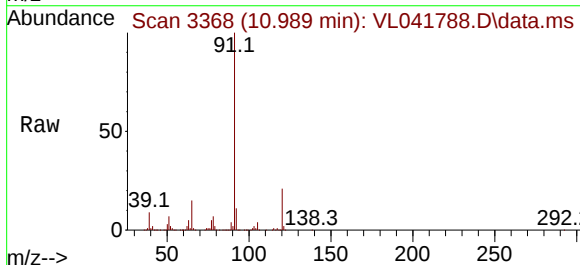
Acq: 18 Dec 2024 10:29

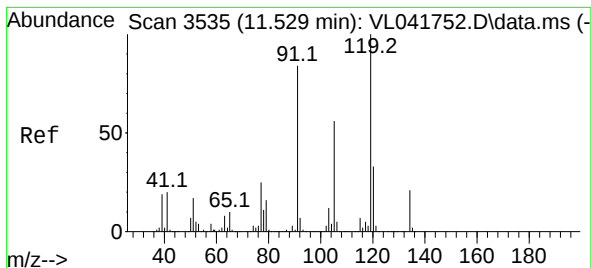
Tgt Ion:120 Resp: 90043

Ion Ratio Lower Upper

120 100

91 480.1 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.295 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

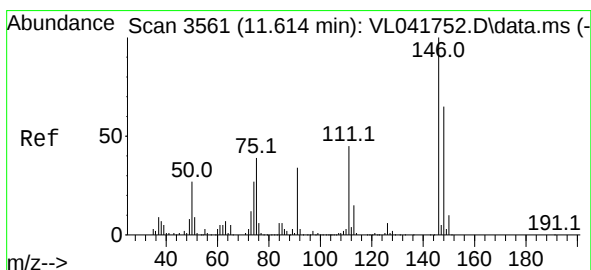
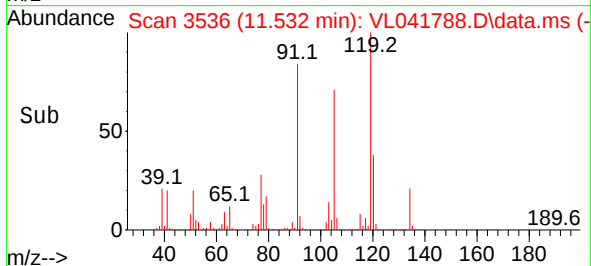
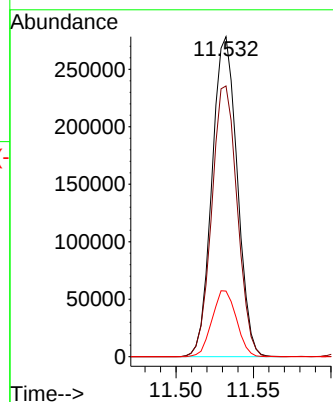
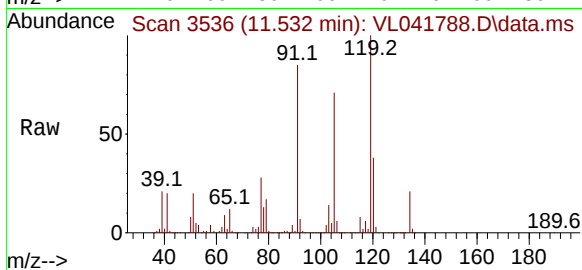
Tgt Ion:119 Resp: 314940

Ion Ratio Lower Upper

119 100

91 85.5 67.0 100.4

134 19.9 16.5 24.7



#66

Benzyl Chloride

Concen: 7.426 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

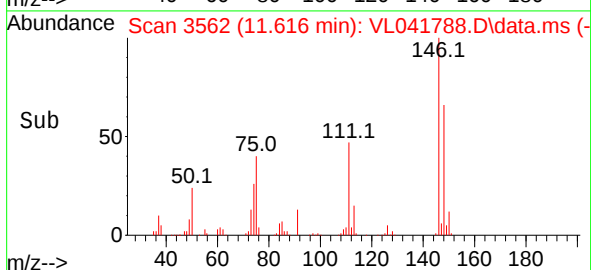
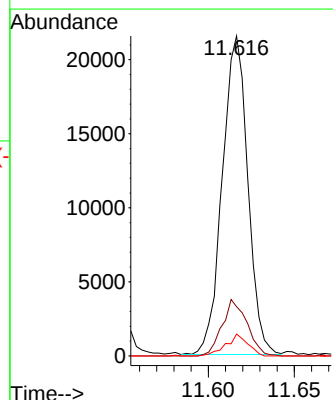
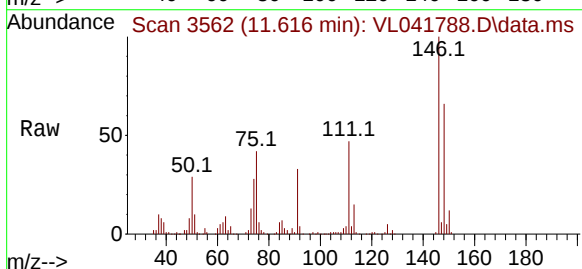
Tgt Ion: 91 Resp: 22164

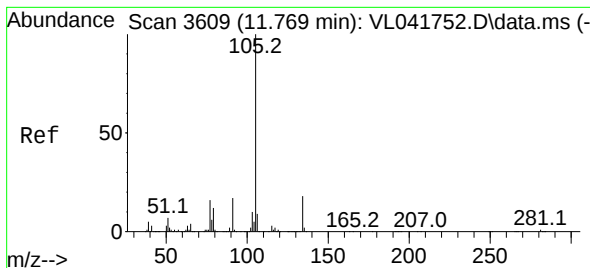
Ion Ratio Lower Upper

91 100

126 17.3 13.9 20.9

128 5.8 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.431 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

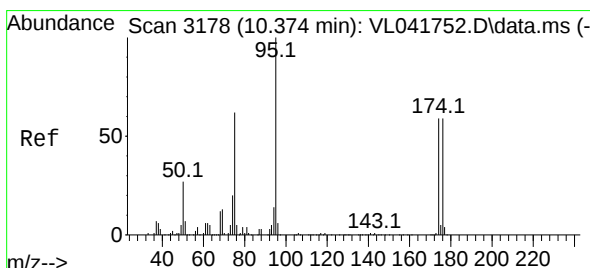
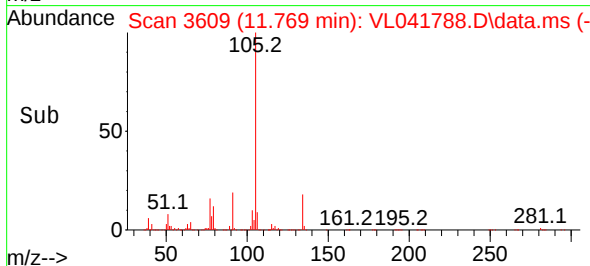
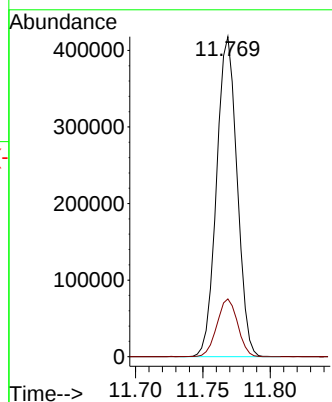
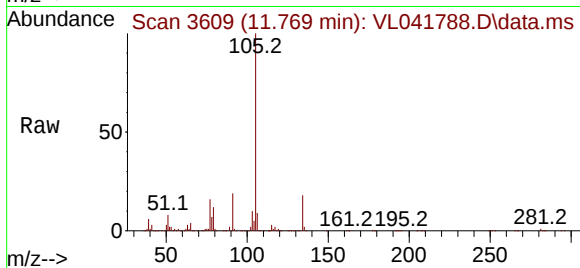
VSTDCCC010

Tgt Ion:105 Resp: 442201

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.503 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

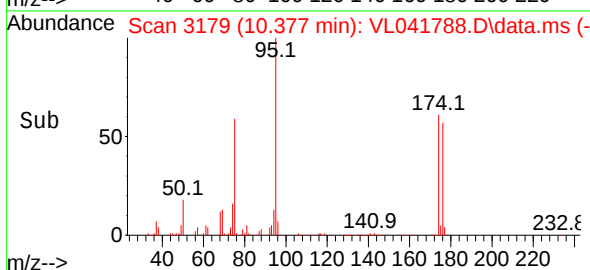
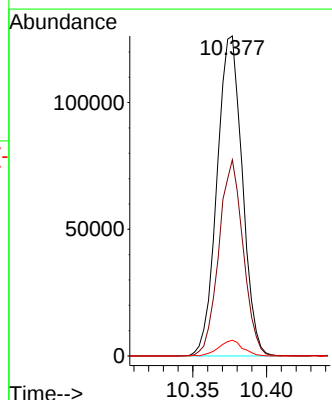
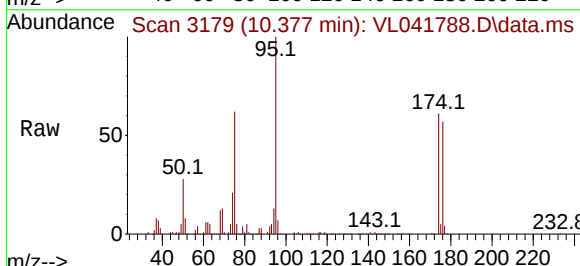
Tgt Ion: 95 Resp: 150705

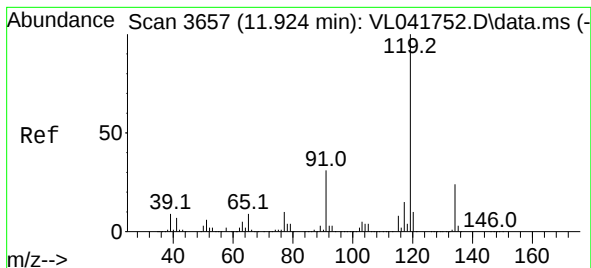
Ion Ratio Lower Upper

95 100

174 59.0 47.6 71.4

175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 9.569 ppbv

RT: 11.927 min Scan# 3657

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

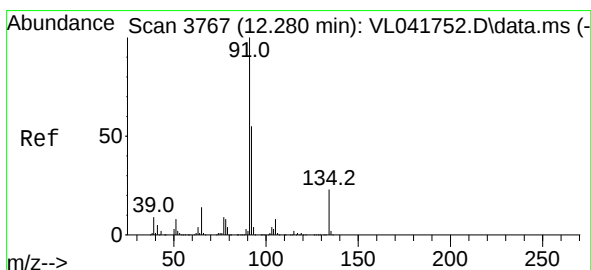
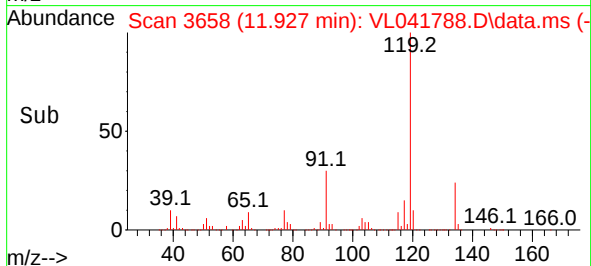
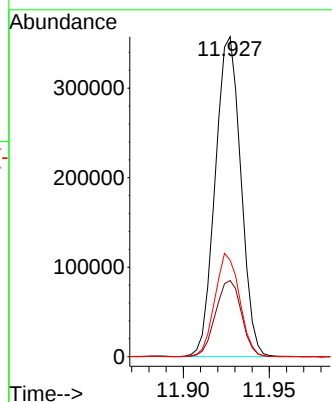
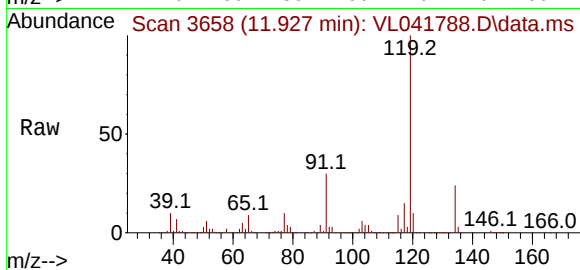
Tgt Ion:119 Resp: 369746

Ion Ratio Lower Upper

119 100

134 24.2 19.6 29.4

91 31.4 24.4 36.6



#70

n-Butylbenzene

Concen: 9.999 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

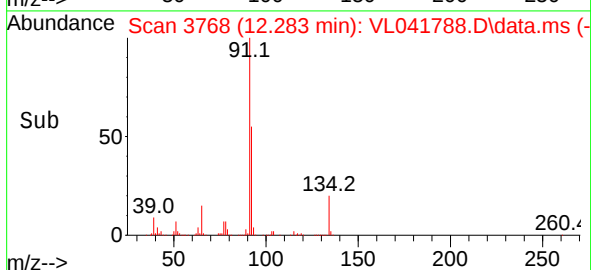
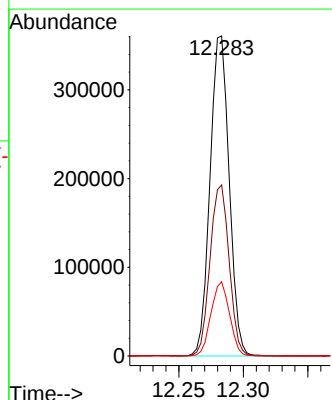
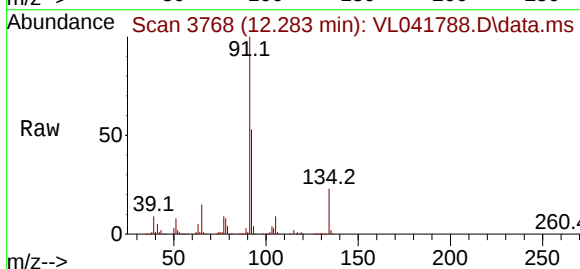
Tgt Ion: 91 Resp: 373294

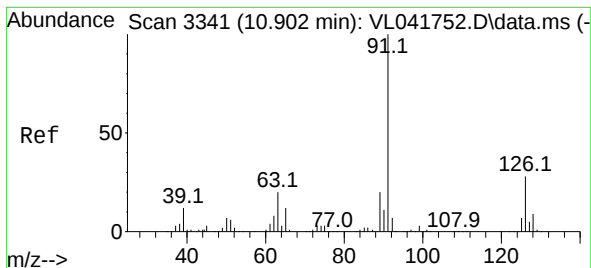
Ion Ratio Lower Upper

91 100

92 53.4 43.2 64.8

134 22.5 18.2 27.4

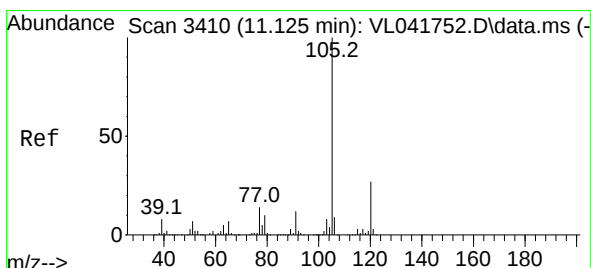
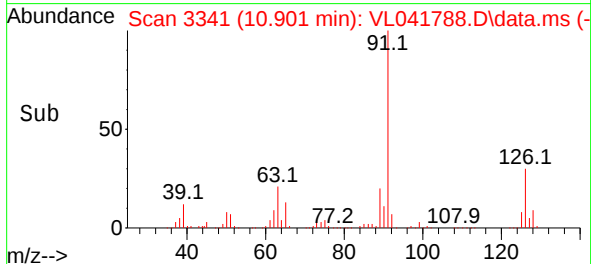
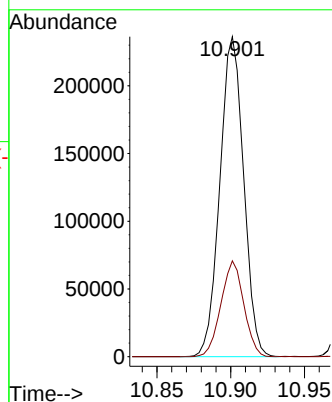
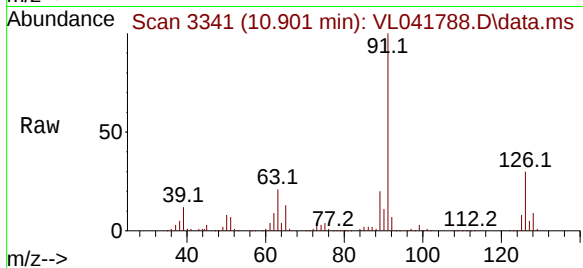




#71
2-Chlorotoluene
Concen: 9.240 ppbv
RT: 10.901 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

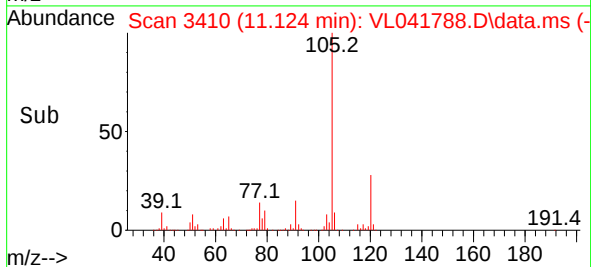
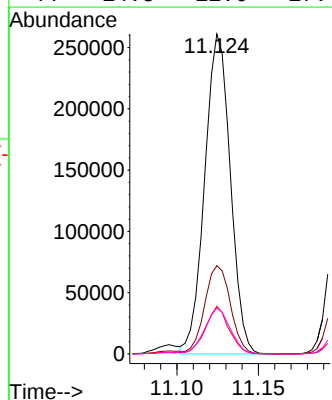
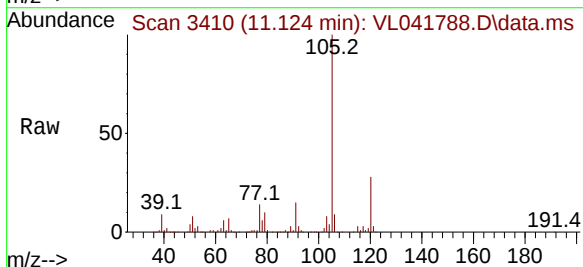
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

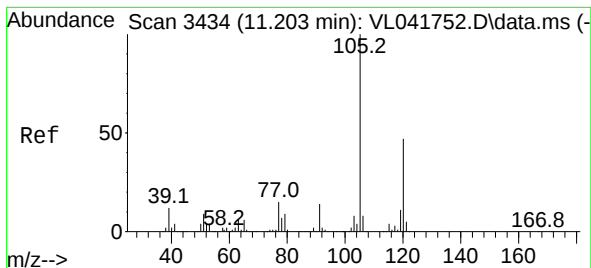
Tgt Ion: 91 Resp: 264866
Ion Ratio Lower Upper
91 100
126 28.7 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.676 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:105 Resp: 285469
Ion Ratio Lower Upper
105 100
120 28.7 23.3 34.9
91 14.4 10.9 16.3
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.918 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

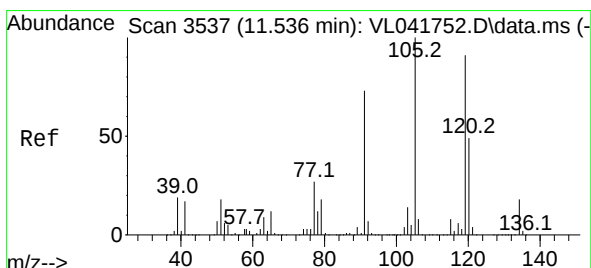
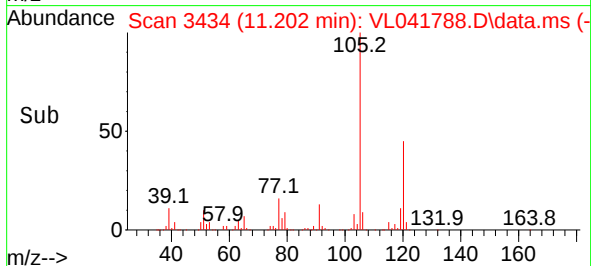
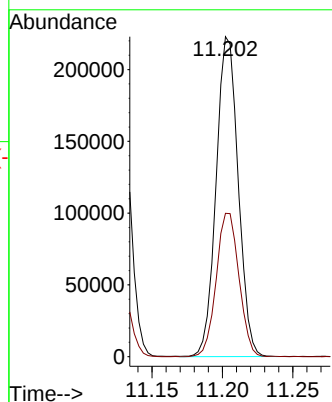
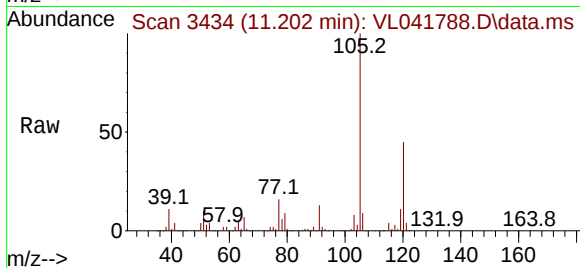
VSTDCCC010

Tgt Ion:105 Resp: 242783

Ion Ratio Lower Upper

105 100

120 44.8 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 10.003 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Tgt Ion:105 Resp: 263301

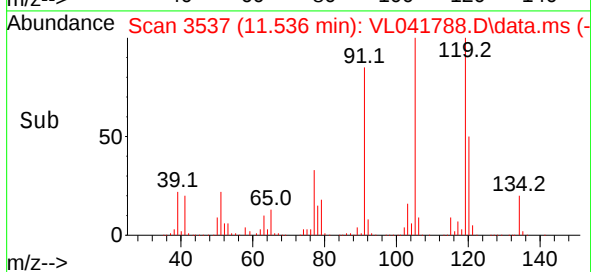
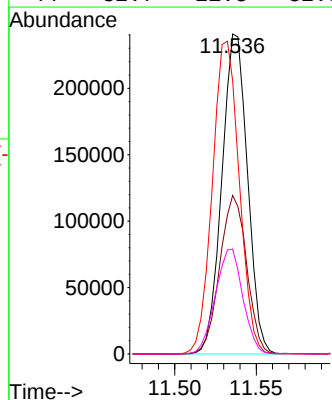
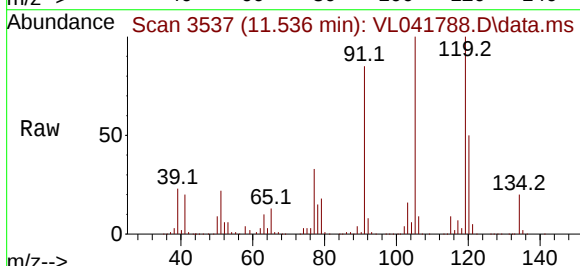
Ion Ratio Lower Upper

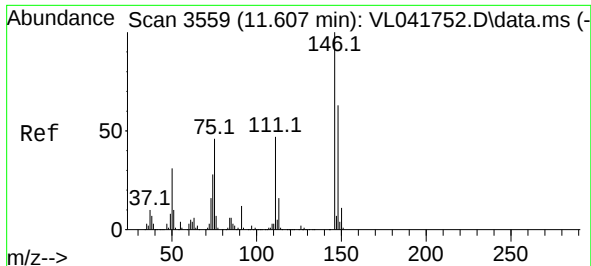
105 100

120 49.6 39.0 58.4

91 85.2 58.1 87.1

77 32.7 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 9.227 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

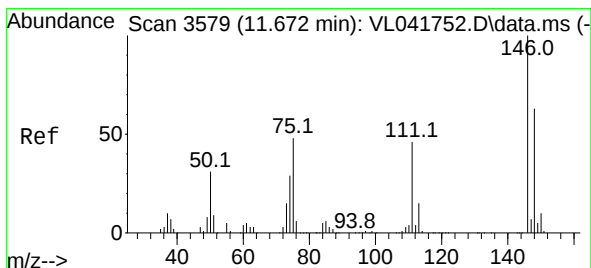
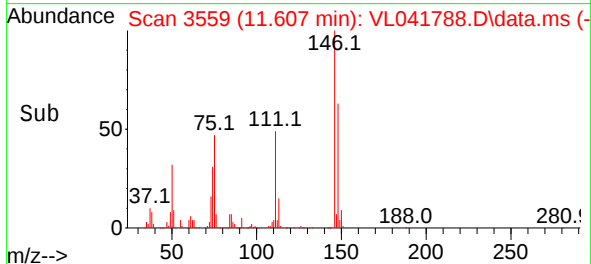
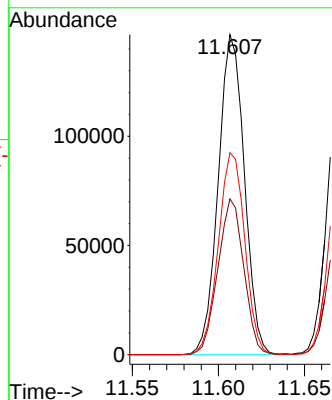
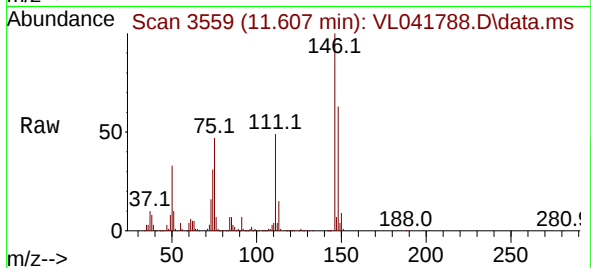
Tgt Ion:146 Resp: 154857

Ion Ratio Lower Upper

146 100

111 48.3 23.4 70.3

148 64.0 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 9.296 ppbv

RT: 11.671 min Scan# 3579

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

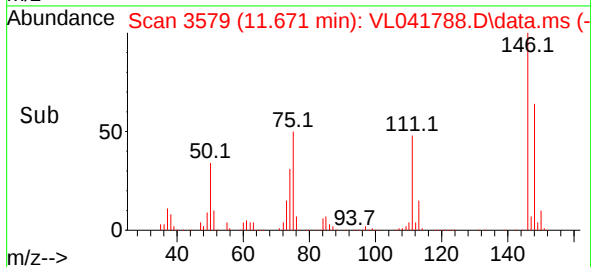
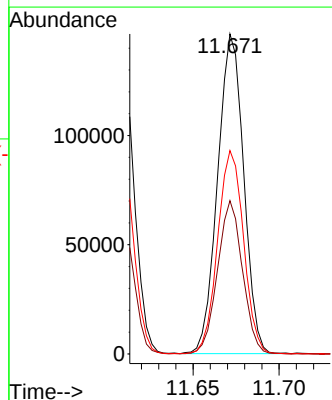
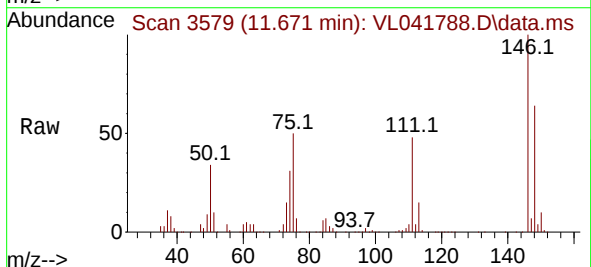
Tgt Ion:146 Resp: 154115

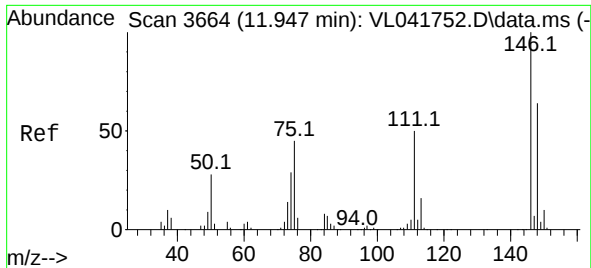
Ion Ratio Lower Upper

146 100

111 46.1 22.7 68.1

148 63.5 31.4 94.0

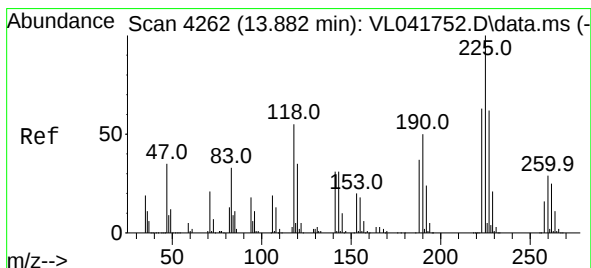
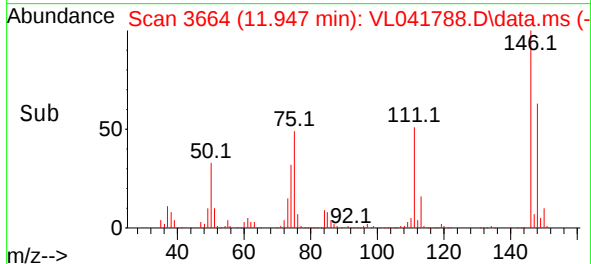
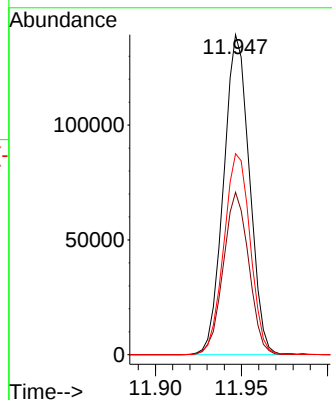
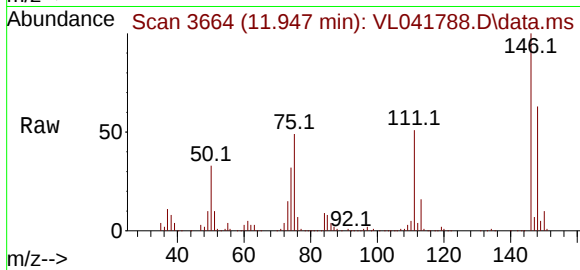




#77
1,2-Dichlorobenzene
Concen: 9.002 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

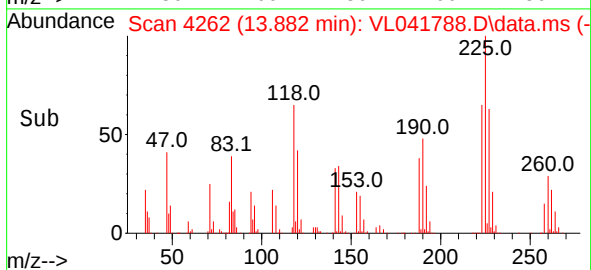
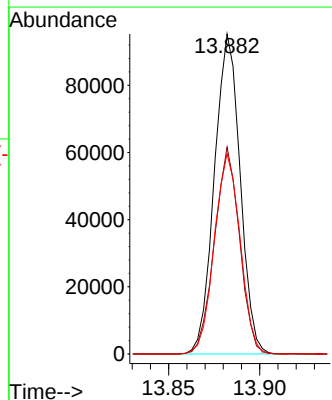
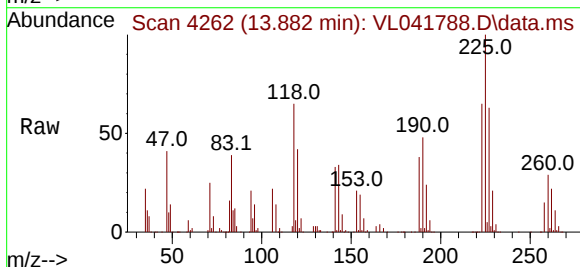
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

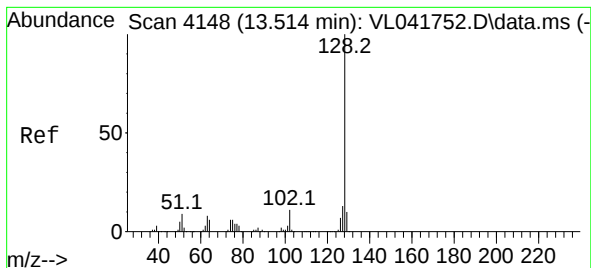
Tgt Ion:146 Resp: 145375
Ion Ratio Lower Upper
146 100
111 50.2 24.8 74.3
148 64.4 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 7.804 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.000 min
Lab File: VL041788.D
Acq: 18 Dec 2024 10:29

Tgt Ion:225 Resp: 93437
Ion Ratio Lower Upper
225 100
223 62.8 50.5 75.7
227 63.0 50.3 75.5





#79

Naphthalene

Concen: 10.921 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

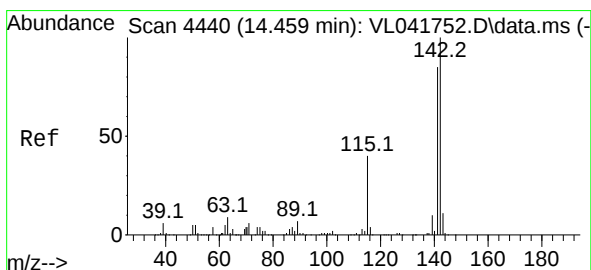
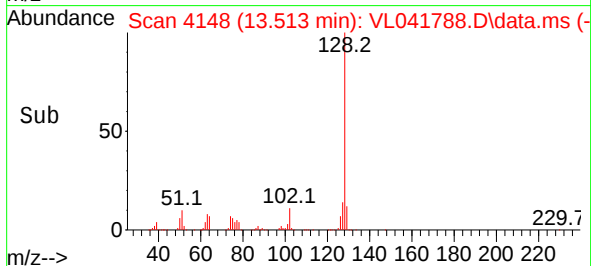
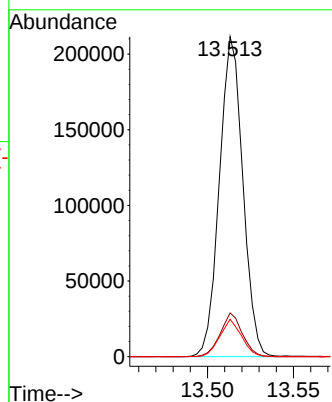
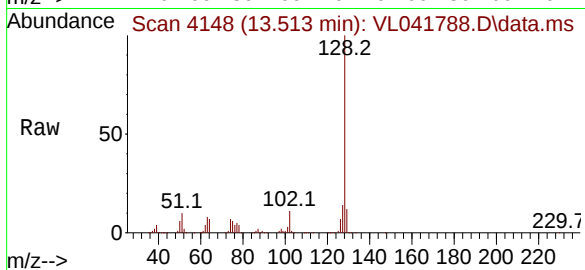
Tgt Ion:128 Resp: 200311

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.7 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 16.728 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.000 min

Lab File: VL041788.D

Acq: 18 Dec 2024 10:29

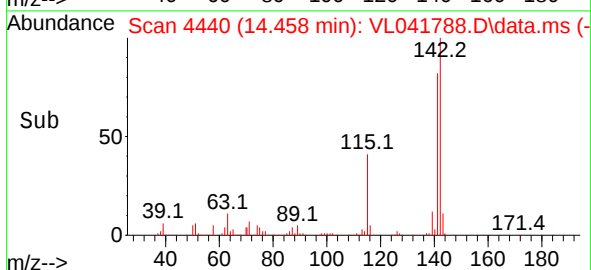
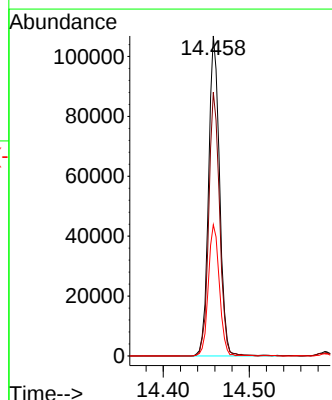
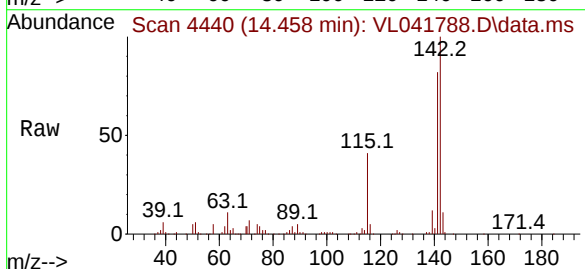
Tgt Ion:142 Resp: 94903

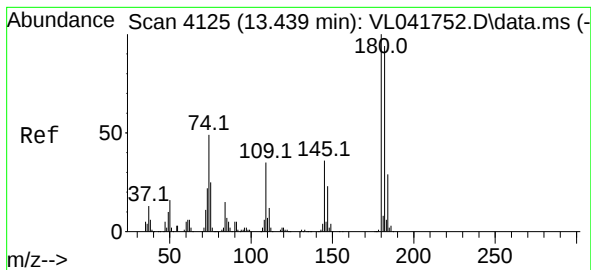
Ion Ratio Lower Upper

142 100

141 81.8 68.4 102.6

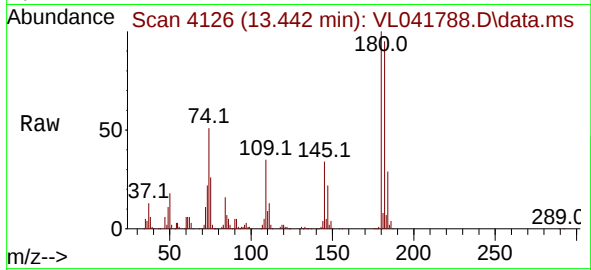
115 41.3 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.346 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041788.D
 Acq: 18 Dec 2024 10:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 93675
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.6
 184 30.8 23.8 35.8

