

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041780.D
 Acq On : 17 Dec 2024 15:46
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:05:24 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	53406	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	134978	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	115758	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	94106	9.756	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.554	85	462	0.049	ppbv	92
3) Chlorodifluoromethane	1.479	51	385	0.044	ppbv #	91
4) Chloromethane	1.534	50	300	0.081	ppbv #	81
5) Vinyl Chloride	1.583	62	195	0.052	ppbv #	86
6) Bromomethane	1.670	94	59	0.033	ppbv #	38
7) Chloroethane	1.709	64	13	0.009	ppbv #	40
8) Dichlorotetrafluoroethane	1.554	85	462	0.054	ppbv #	76
9) Propene	1.482	41	295	0.078	ppbv #	28
10) Heptane	4.981	43	45	0.005	ppbv #	29
11) Trichlorofluoromethane	2.143	101	193	0.019	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.143	101	193	0.025	ppbv #	14
13) Ethanol	1.887	45	1529	4.892	ppbv #	34
14) Bromoethene	1.780	108	79	0.030	ppbv #	64
15) Acetone	1.838	43	2208	0.212	ppbv	99
16) 1,3-Butadiene	1.615	39	149	0.036	ppbv #	57
17) tert-Butyl alcohol	2.046	59	351	0.034	ppbv #	90
18) 1,1-Dichloroethene	2.033	96	175	0.054	ppbv	90
19) Isopropyl Alcohol	1.887	45	1529	0.245	ppbv #	38
20) Methylene Chloride	2.062	84	789	0.266	ppbv #	75
21) Allyl Chloride	2.097	41	244	0.043	ppbv #	1
22) trans-1,2-Dichloroethene	2.340	96	103	0.028	ppbv #	66
23) Vinyl Acetate	2.460	43	169	0.035	ppbv #	1
24) 1,1-Dichloroethane	2.415	63	266	0.036	ppbv #	88
25) Ethyl Acetate	2.848	43	329	0.017	ppbv #	91
26) Hexane	2.829	57	287	0.039	ppbv #	1
27) Carbon Disulfide	2.152	76	146	0.022	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	104	0.017	ppbv #	54
29) Chloroform	2.848	83	539	0.048	ppbv #	62
30) Cyclohexane	3.868	84	101	0.016	ppbv #	24
31) cis-1,2-Dichloroethene	2.725	61	196	0.026	ppbv #	81
32) 1,1,1-Trichloroethane	3.369	97	309	0.027	ppbv #	75
34) 2-Butanone	2.570	43	624	0.057	ppbv #	55
35) Carbon Tetrachloride	3.764	117	148	0.015	ppbv #	45
36) Benzene	3.661	78	365	0.026	ppbv #	65
37) 1,2-Dichloroethane	3.217	62	170	0.020	ppbv #	82
38) Trichloroethene	4.554	130	17	0.003	ppbv #	3
39) 1,2-Dichloropropane	3.965	63	37793	7.484	ppbv #	20
40) 1,4-Dioxane	4.645	88	78	0.032	ppbv #	1
41) Tetrahydrofuran	3.085	42	139	0.023	ppbv #	84
42) Bromodichloromethane	4.496	83	139	0.014	ppbv #	66
43) Methyl Methacrylate	4.894	69	12	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	224	0.009	ppbv #	39
45) t-1,3-Dichloropropene	6.415	75	44	0.008	ppbv #	42

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 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

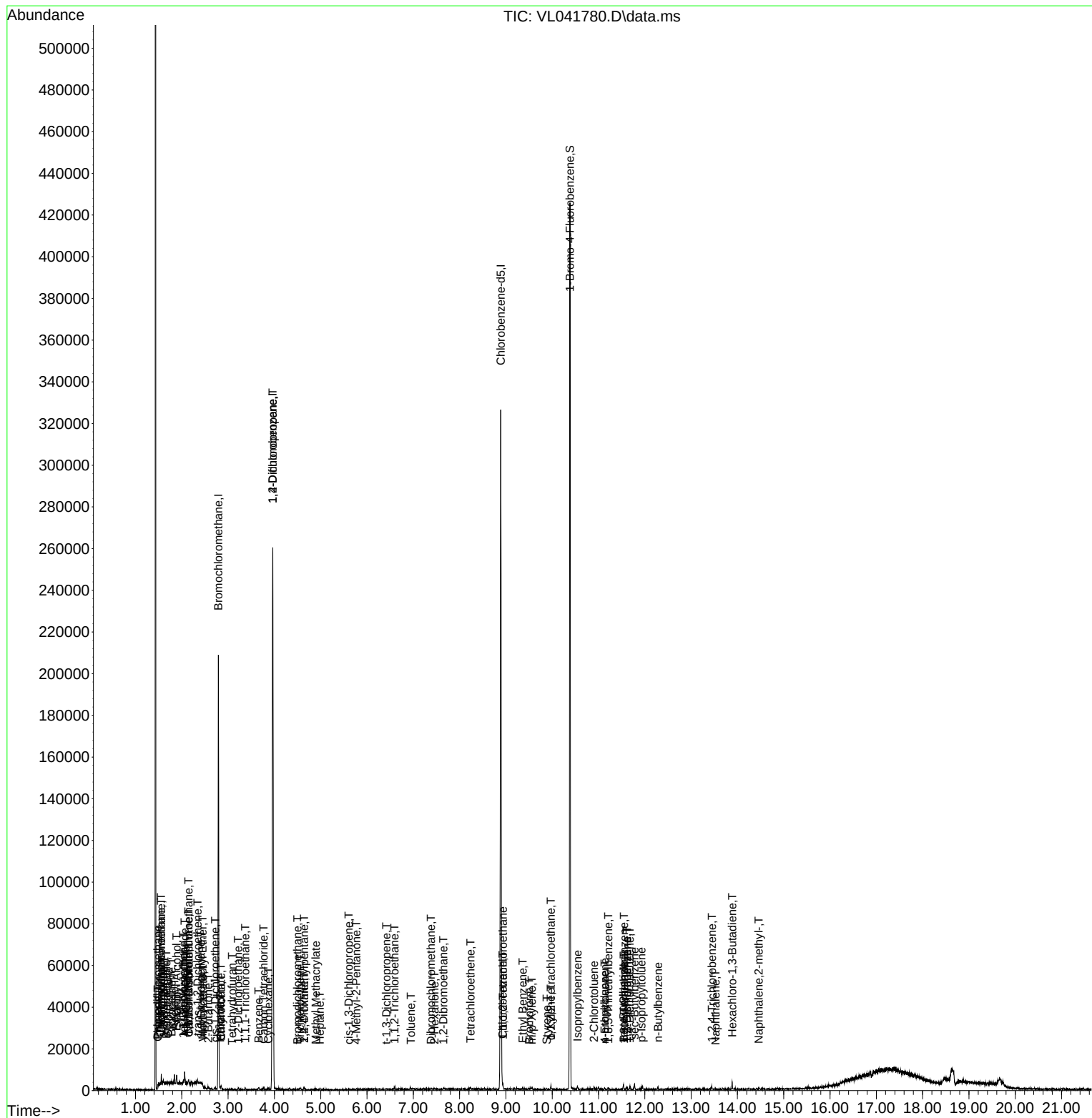
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

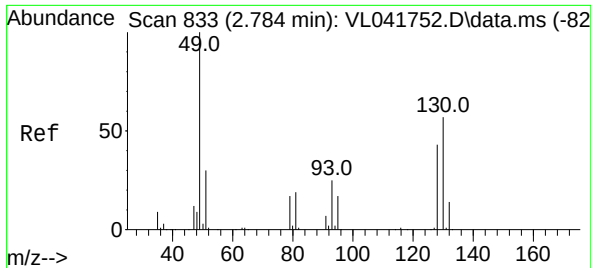
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	31	0.004	ppbv #	38
47) 1,1,2-Trichloroethane	6.593	97	101	0.019	ppbv #	69
48) Dibromochloromethane	7.383	129	60	0.008	ppbv	70
49) Bromoform	9.500	173	49	0.008	ppbv #	28
50) 4-Methyl-2-Pentanone	5.771	43	82	0.006	ppbv #	41
51) 2-Hexanone	7.457	43	125	0.010	ppbv #	41
52) Tetrachloroethene	8.234	164	73	0.014	ppbv #	1
53) Toluene	6.949	91	65	0.004	ppbv #	21
54) 1,2-Dibromoethane	7.648	107	70	0.010	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.936	131	90	0.015	ppbv #	1
57) Chlorobenzene	8.930	112	76	0.006	ppbv #	72
58) Ethyl Benzene	9.364	91	297	0.014	ppbv	94
59) m/p-Xylene	9.558	91	86	0.005	ppbv #	100
60) o-Xylene	9.972	91	148	0.009	ppbv #	43
61) Styrene	9.882	104	75	0.010	ppbv #	47
62) Isopropylbenzene	10.545	105	587	0.023	ppbv #	47
63) 1,1,2,2-Tetrachloroethane	9.972	83	156	0.015	ppbv #	1
64) n-propylbenzene	11.134	120	147	0.023	ppbv	92
65) tert-Butylbenzene	11.539	119	329	0.014	ppbv #	55
66) Benzyl Chloride	11.545	91	77	0.038	ppbv #	66
67) sec-Butylbenzene	11.778	105	169	0.005	ppbv #	47
69) p-Isopropyltoluene	11.927	119	434	0.017	ppbv #	73
70) n-Butylbenzene	12.286	91	506	0.020	ppbv	97
71) 2-Chlorotoluene	10.901	91	443	0.023	ppbv	88
72) 4-Ethyltoluene	11.134	105	227	0.011	ppbv #	49
73) 1,3,5-Trimethylbenzene	11.212	105	106	0.006	ppbv #	30
74) 1,2,4-Trimethylbenzene	11.548	105	60	0.003	ppbv #	77
75) 1,3-Dichlorobenzene	11.620	146	140	0.012	ppbv #	23
76) 1,4-Dichlorobenzene	11.678	146	165	0.015	ppbv #	31
77) 1,2-Dichlorobenzene	11.607	146	314	0.029	ppbv	86
78) Hexachloro-1,3-Butadiene	13.885	225	405	0.050	ppbv #	78
79) Naphthalene	13.529	128	26	0.002	ppbv #	69
80) Naphthalene,2-methyl-	14.458	142	87	0.023	ppbv #	91
81) 1,2,4-Trichlorobenzene	13.448	180	254	0.038	ppbv	92

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

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 21 03:05:24 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

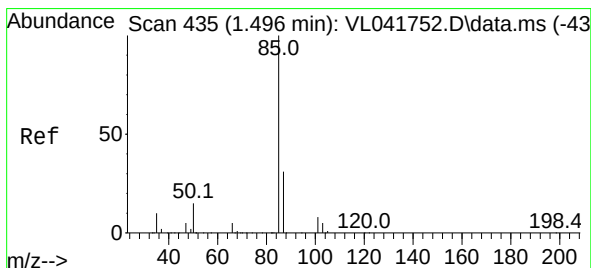
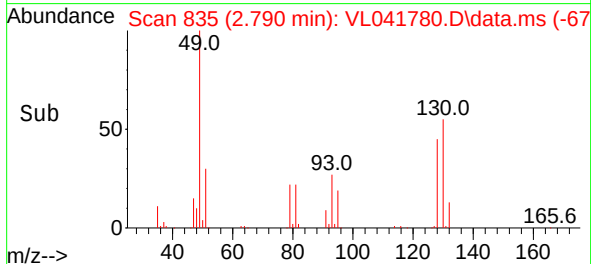
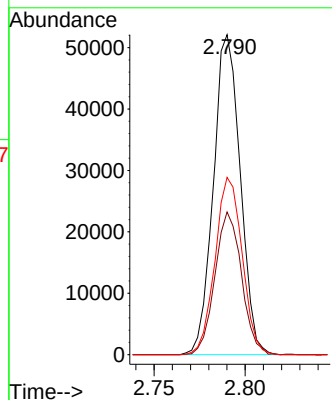
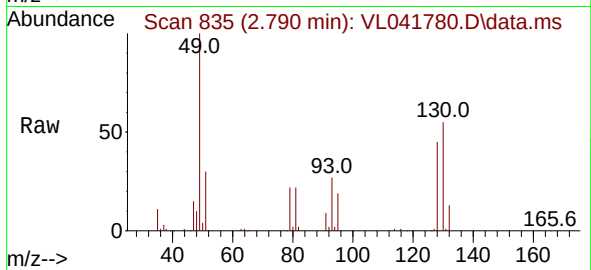




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

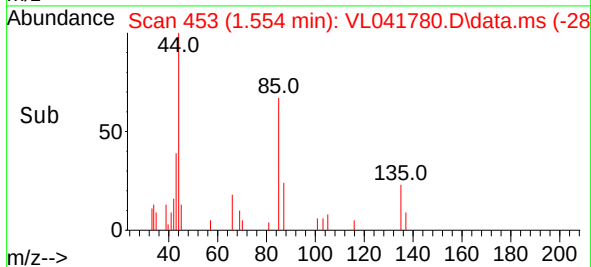
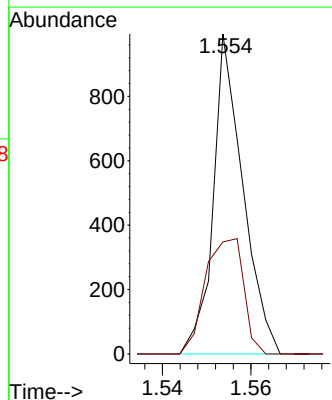
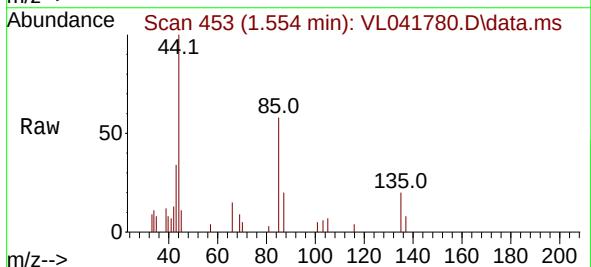
Instrument :
MSVOA_L
ClientSampleId :

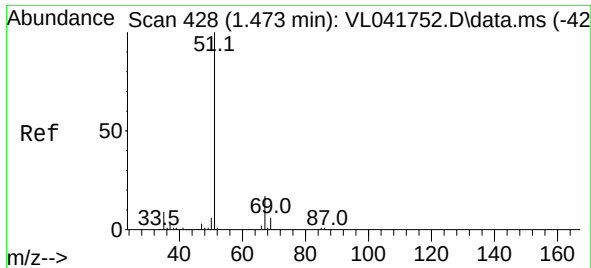
Tgt Ion	Ratio	Lower	Upper
49	100		
128	44.2	21.6	64.6
130	56.0	28.3	85.0



#2
Dichlorodifluoromethane
Concen: 0.049 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.058 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.0	24.5	36.7

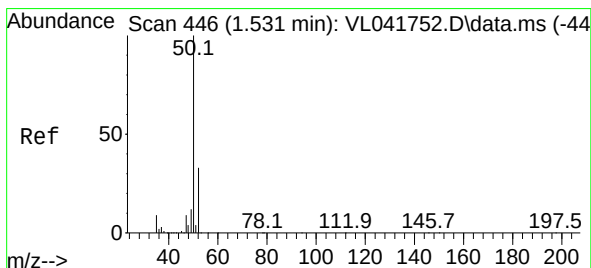
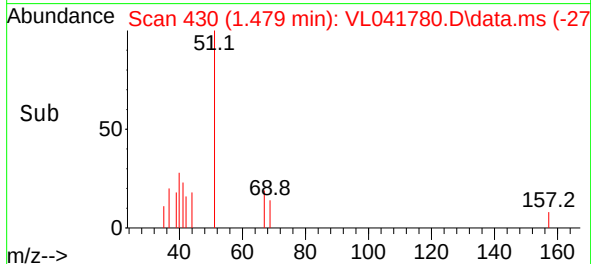
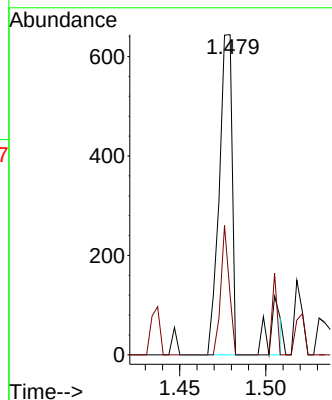
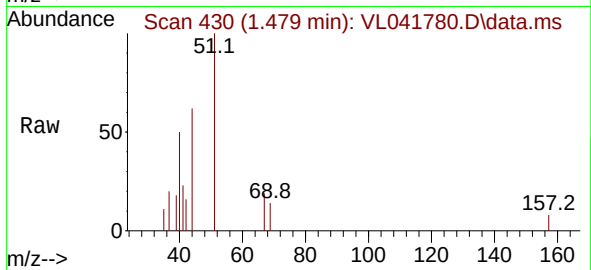




#3
Chlorodifluoromethane
Concen: 0.044 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

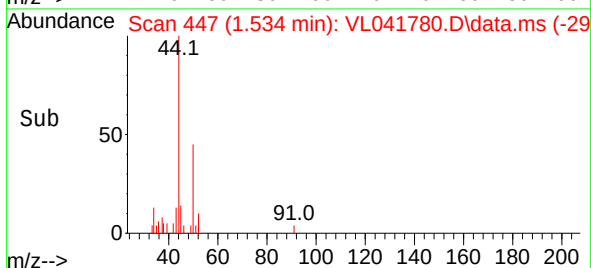
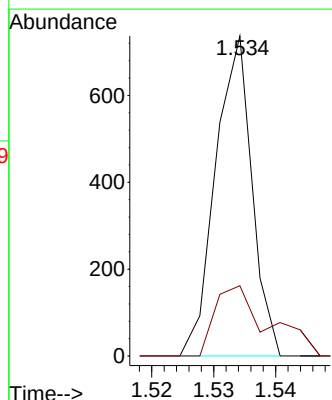
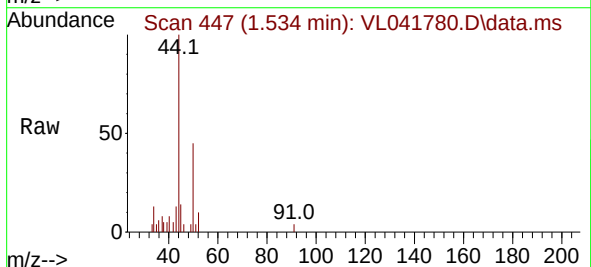
Instrument :
MSVOA_L
ClientSampleId :

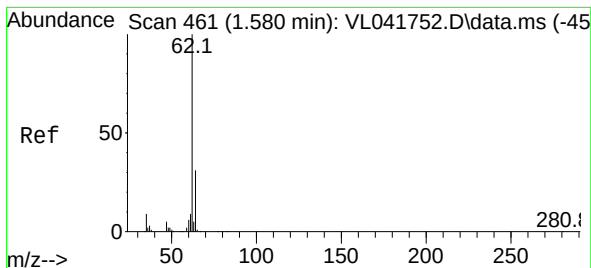
Tgt Ion: 51 Resp: 385
Ion Ratio Lower Upper
51 100
67 22.9 15.0 22.4#



#4
Chloromethane
Concen: 0.081 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 22.0 26.2 39.2#





#5

Vinyl Chloride

Concen: 0.052 ppbv

RT: 1.583 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

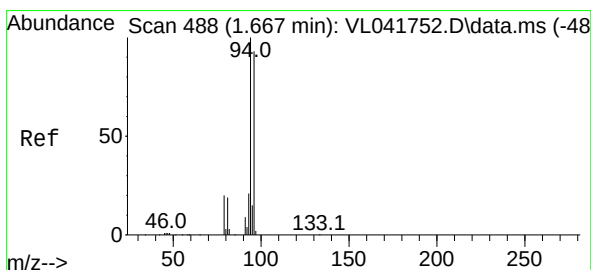
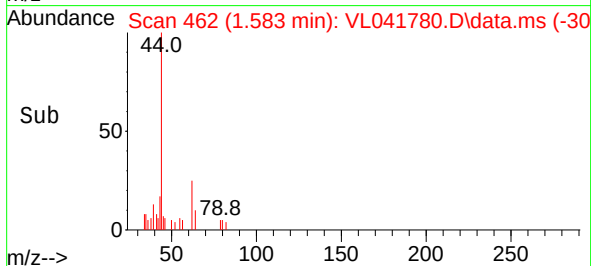
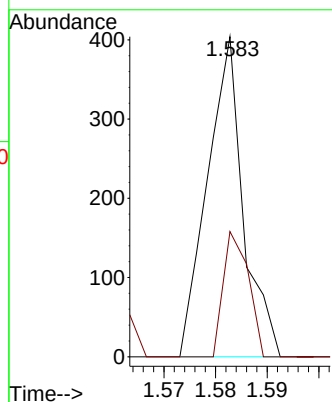
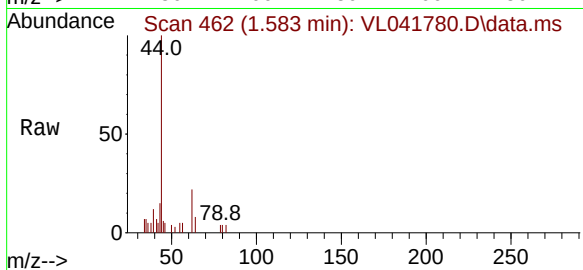
ClientSampleId :

Tgt Ion: 62 Resp: 195

Ion Ratio Lower Upper

62 100

64 39.1 25.1 37.7#



#6

Bromomethane

Concen: 0.033 ppbv

RT: 1.670 min Scan# 489

Delta R.T. 0.003 min

Lab File: VL041780.D

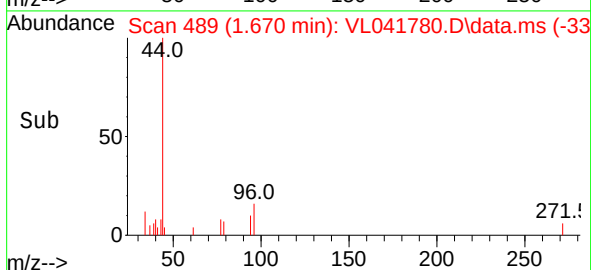
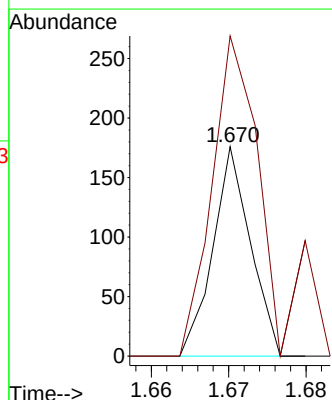
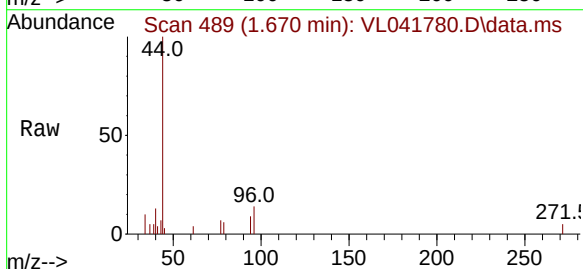
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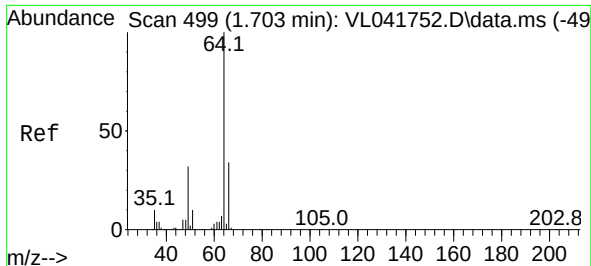
Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

94 100

96 152.8 74.7 112.1#

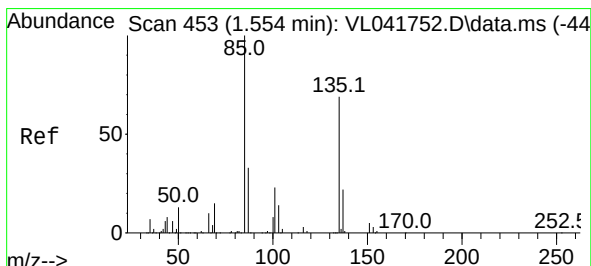
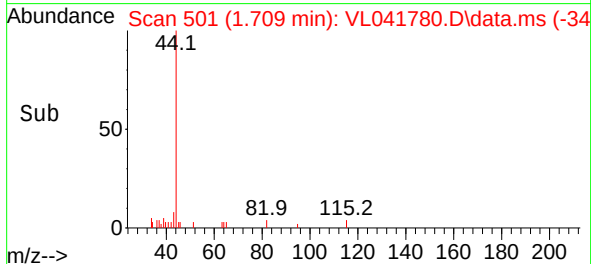
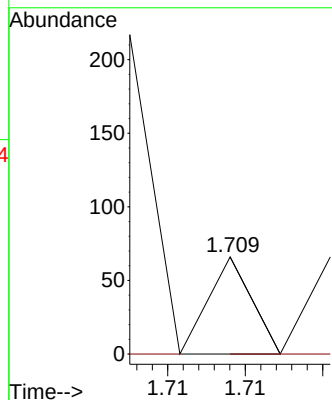
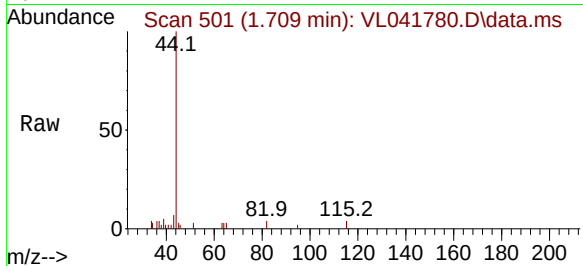




#7
Chloroethane
Concen: 0.009 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

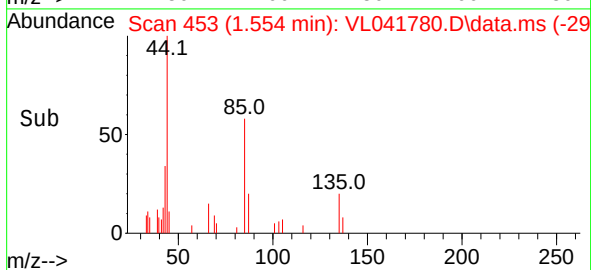
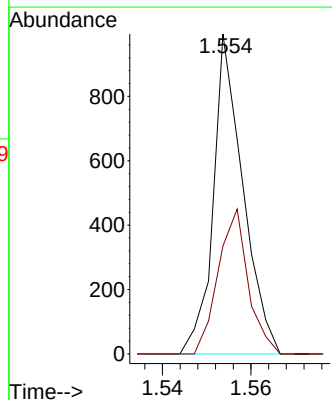
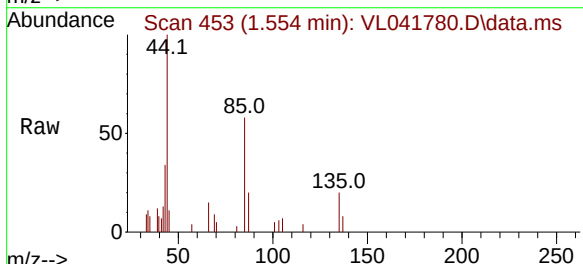
Instrument :
MSVOA_L
ClientSampleId :

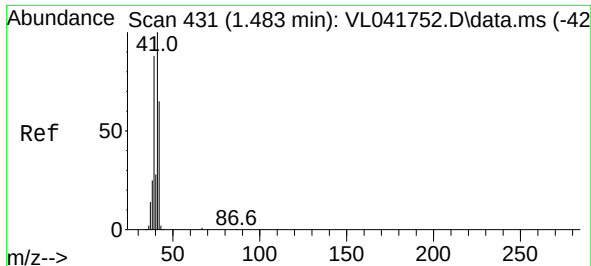
Tgt Ion: 64 Resp: 13
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.054 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion: 85 Resp: 462
Ion Ratio Lower Upper
85 100
135 45.7 51.9 77.9#





#9

Propene

Concen: 0.078 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

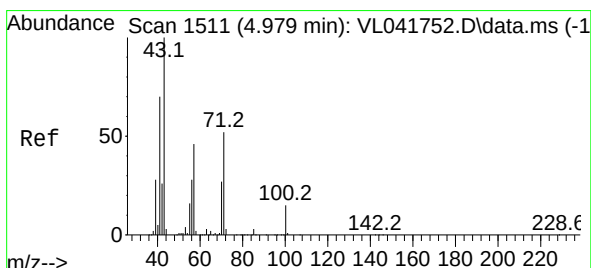
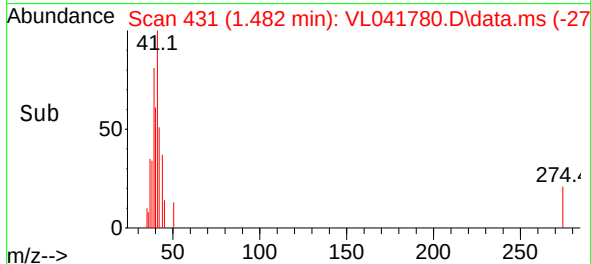
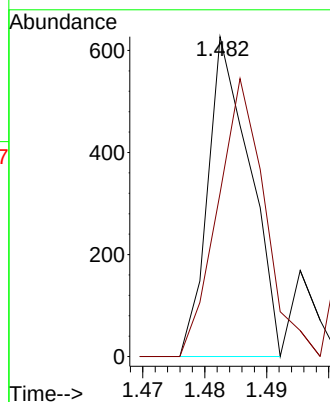
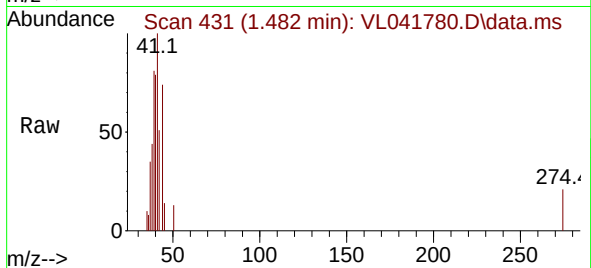
ClientSampleId :

Tgt Ion: 41 Resp: 295

Ion Ratio Lower Upper

41 100

42 122.4 52.4 78.6#



#10

Heptane

Concen: 0.005 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL041780.D

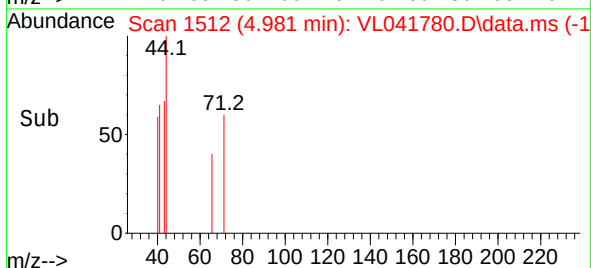
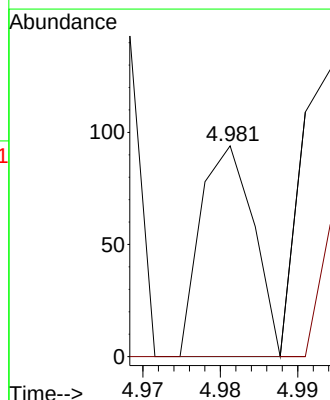
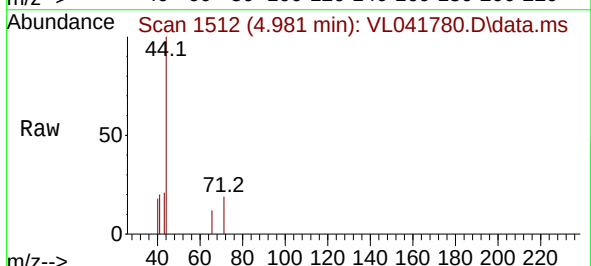
Acq: 17 Dec 2024 15:46

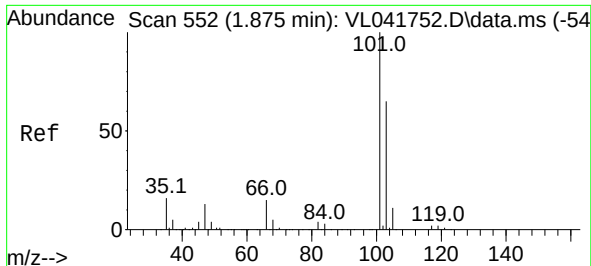
Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.019 ppbv

RT: 2.143 min Scan# 61

Delta R.T. 0.268 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

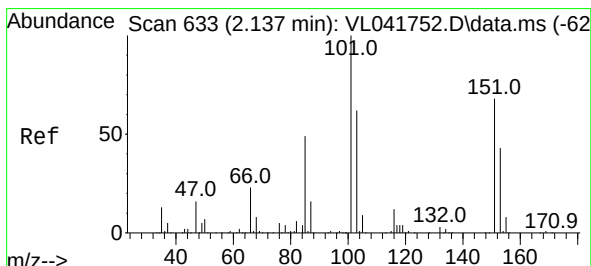
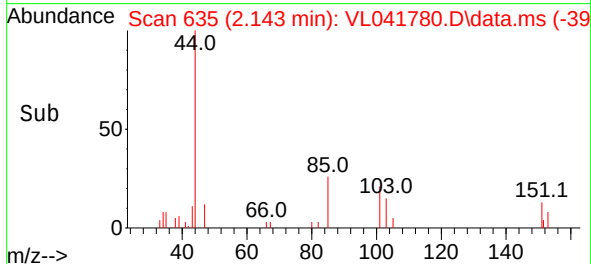
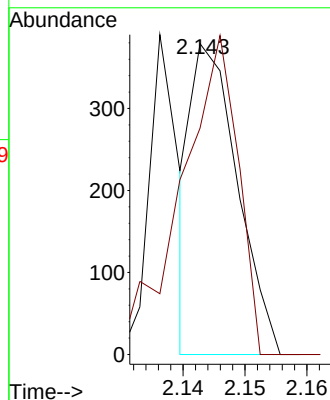
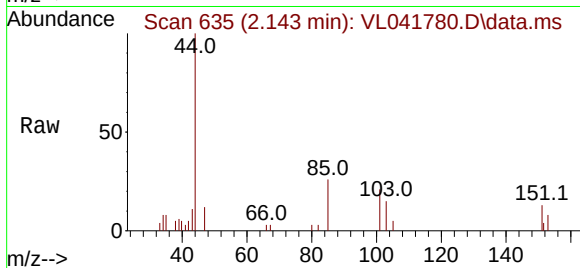
ClientSampleId :

Tgt Ion:101 Resp: 193

Ion Ratio Lower Upper

101 100

103 72.8 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.025 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041780.D

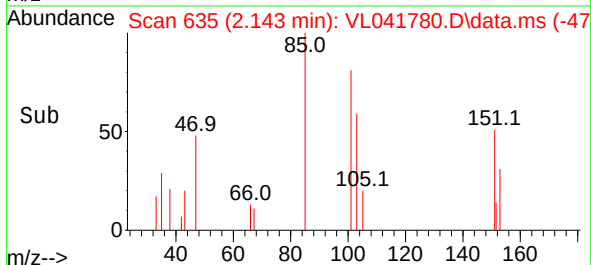
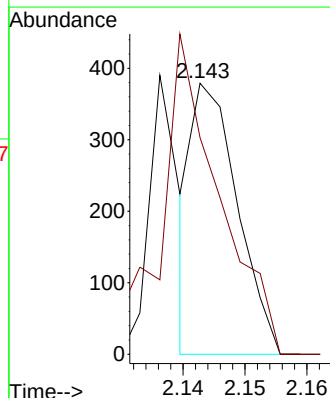
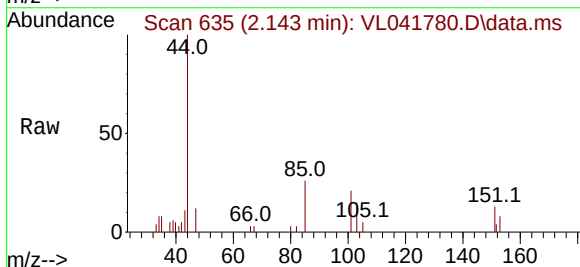
Acq: 17 Dec 2024 15:46

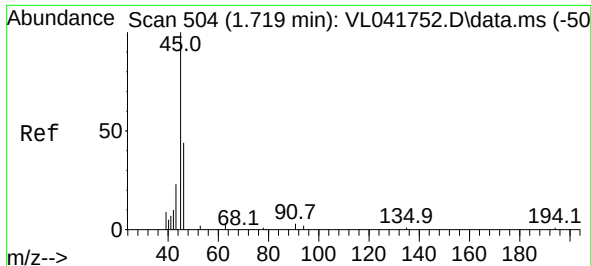
Tgt Ion:101 Resp: 193

Ion Ratio Lower Upper

101 100

151 0.0 56.8 85.2#





#13

Ethanol

Concen: 4.892 ppbv

RT: 1.887 min Scan# 504

Delta R.T. 0.168 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

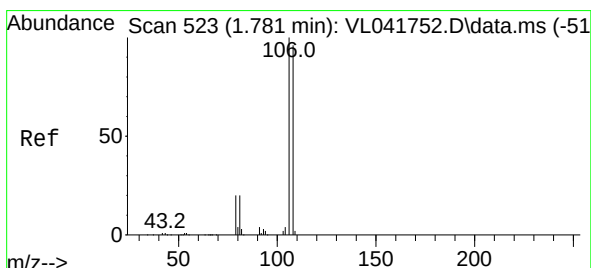
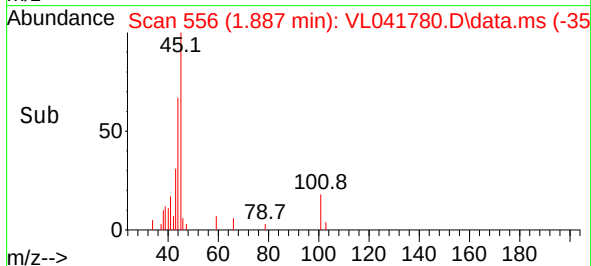
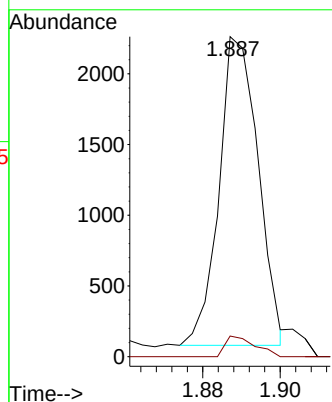
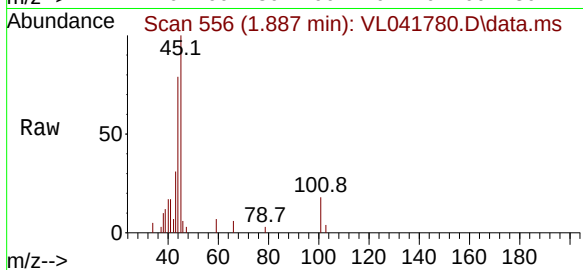
ClientSampleId :

Tgt Ion: 45 Resp: 1529

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.030 ppbv

RT: 1.780 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

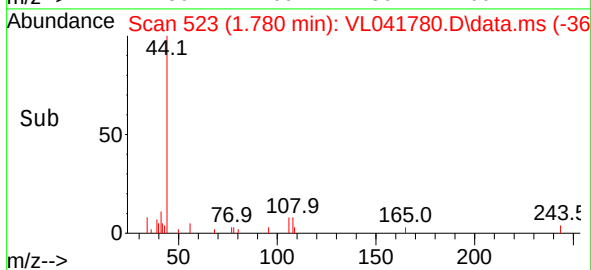
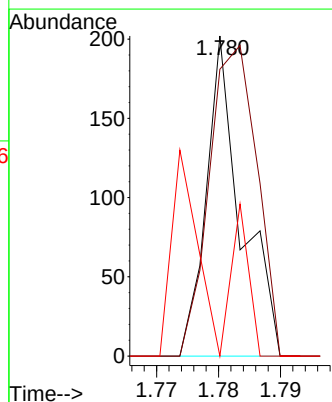
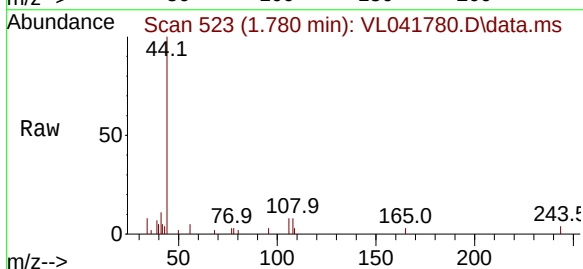
Tgt Ion:108 Resp: 79

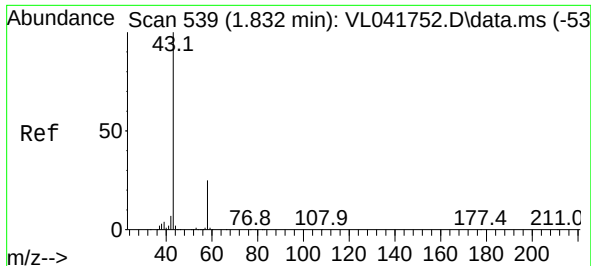
Ion Ratio Lower Upper

108 100

106 132.9 84.1 126.1#

79 59.5 17.4 26.0#





#15

Acetone

Concen: 0.212 ppbv

RT: 1.838 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

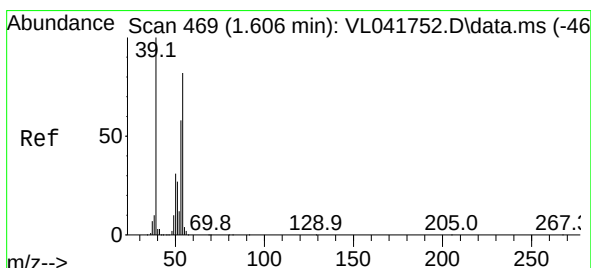
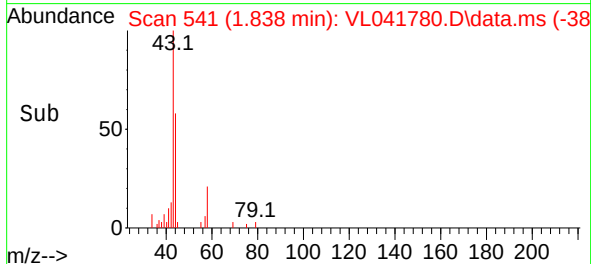
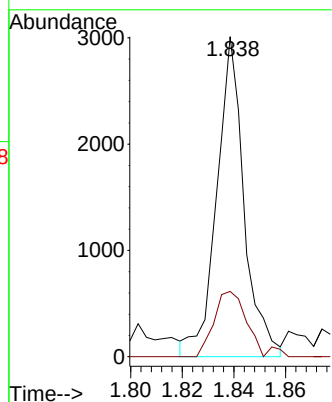
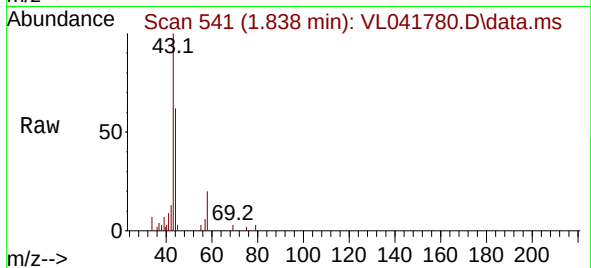
ClientSampleId :

Tgt Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

58 25.2 19.7 29.5



#16

1,3-Butadiene

Concen: 0.036 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.009 min

Lab File: VL041780.D

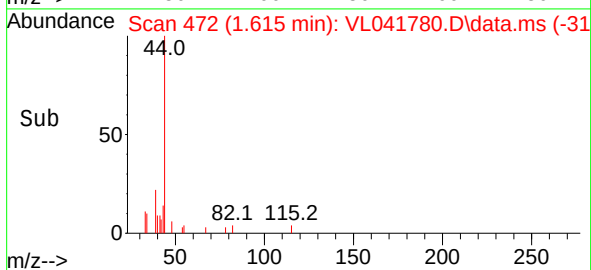
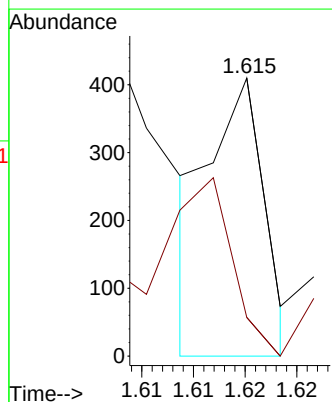
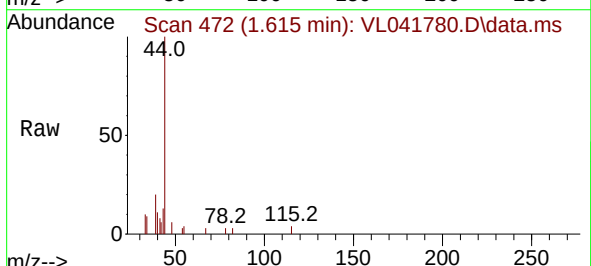
Acq: 17 Dec 2024 15:46

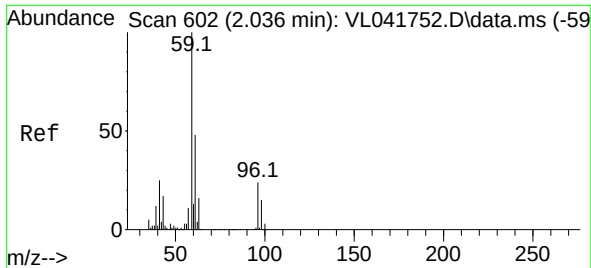
Tgt Ion: 39 Resp: 149

Ion Ratio Lower Upper

39 100

54 109.4 58.4 87.6#

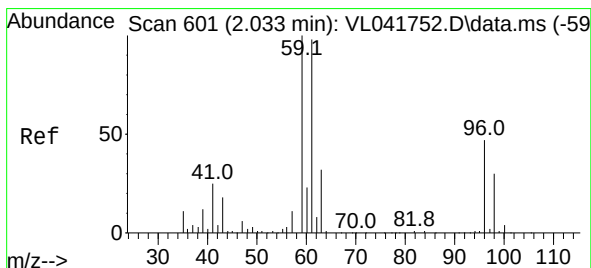
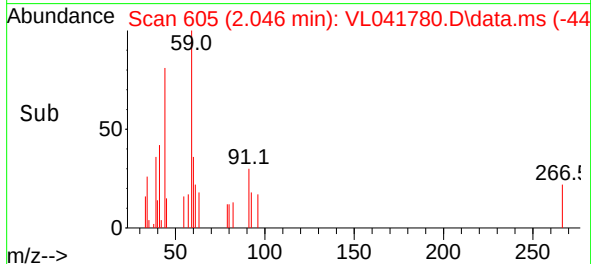
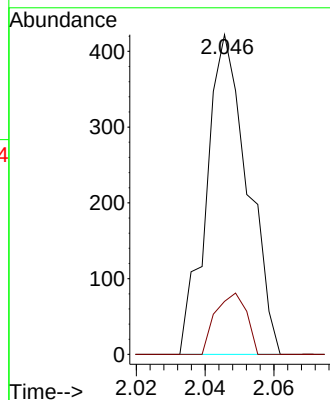
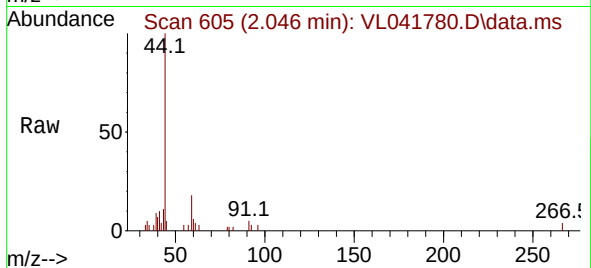




#17
tert-Butyl alcohol
Concen: 0.034 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.009 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

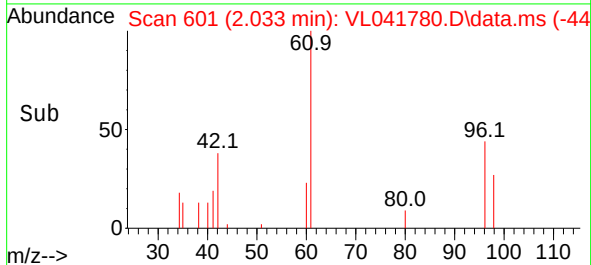
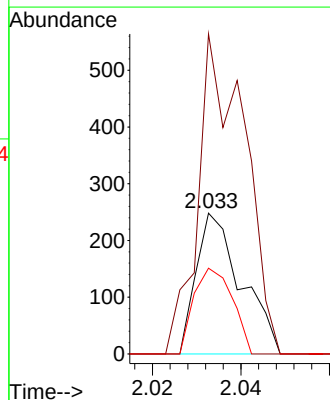
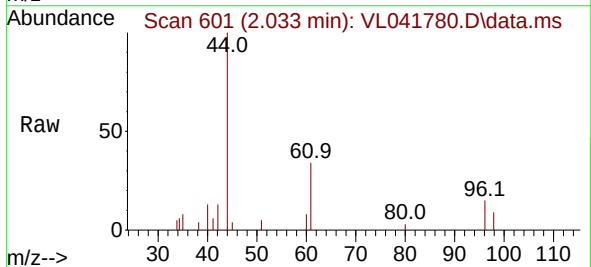
Instrument :
MSVOA_L
ClientSampleId :

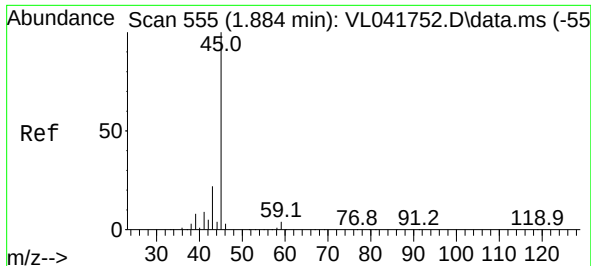
Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 14.5 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.054 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion: 96 Resp: 175
Ion Ratio Lower Upper
96 100
61 227.4 167.7 251.5
98 60.9 51.1 76.7

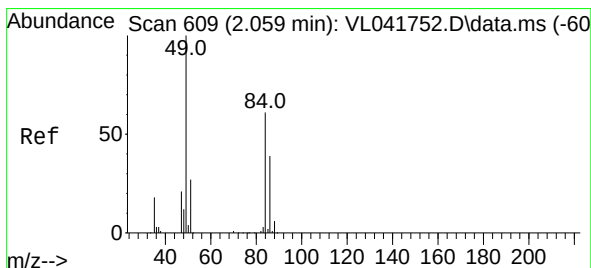
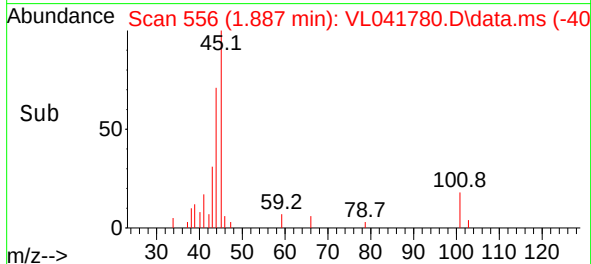
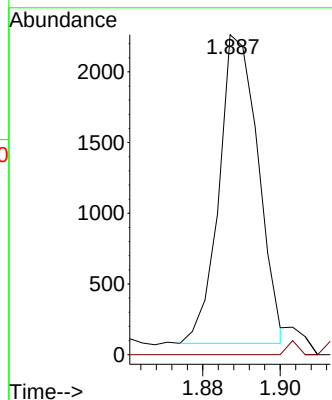
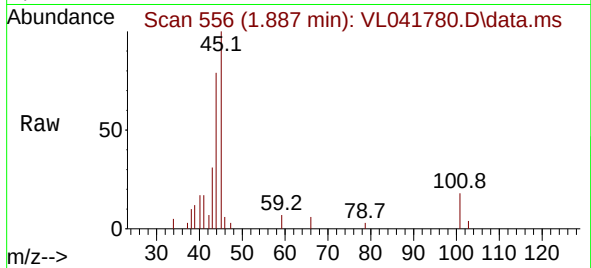




#19
Isopropyl Alcohol
Concen: 0.245 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

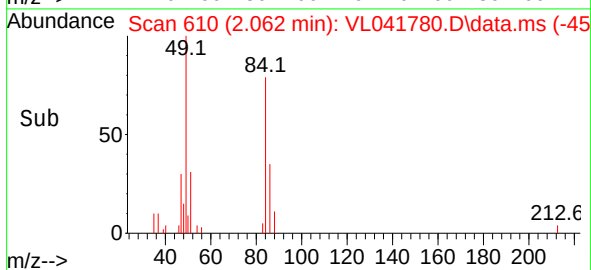
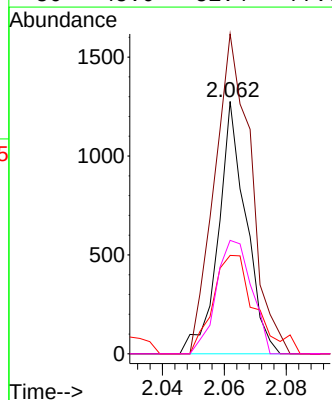
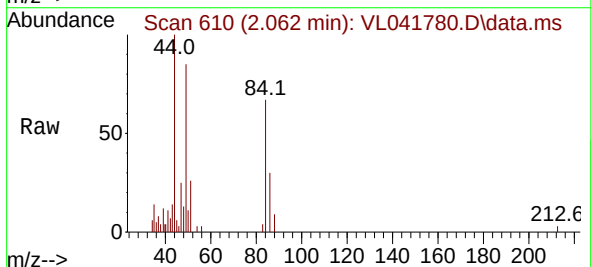
Instrument :
MSVOA_L
ClientSampleId :

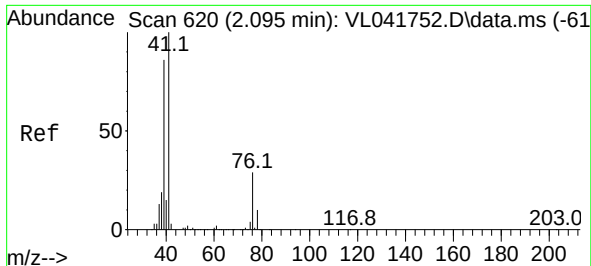
Tgt Ion: 45 Resp: 1529
Ion Ratio Lower Upper
45 100
58 2.5 33.3 49.9#



#20
Methylene Chloride
Concen: 0.266 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion: 84 Resp: 789
Ion Ratio Lower Upper
84 100
49 126.7 132.6 198.8#
51 39.0 37.6 56.4
86 45.0 51.4 77.0#





#21

Allyl Chloride

Concen: 0.043 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

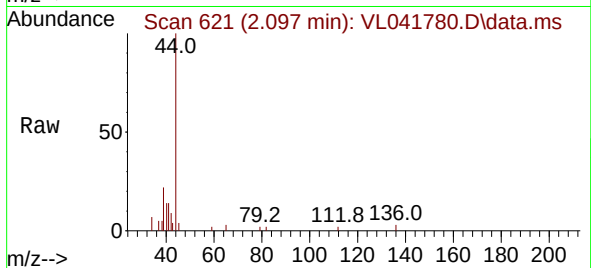
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

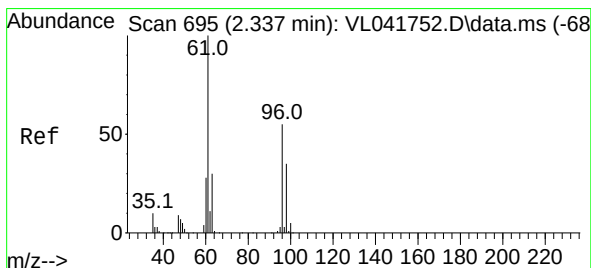
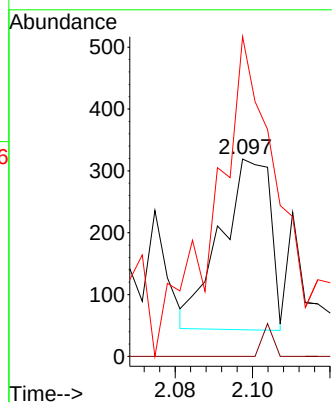
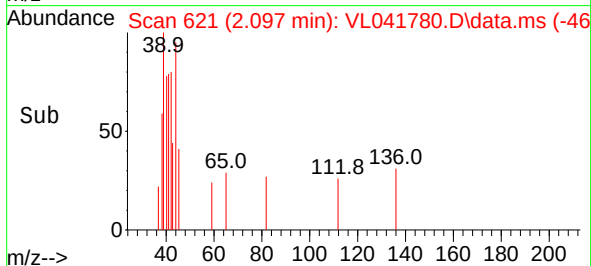
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	244
Ion	Ratio	Lower	Upper
41	100		
76	4.1	22.3	33.5#
39	261.5	69.2	103.8#



#22

trans-1,2-Dichloroethene

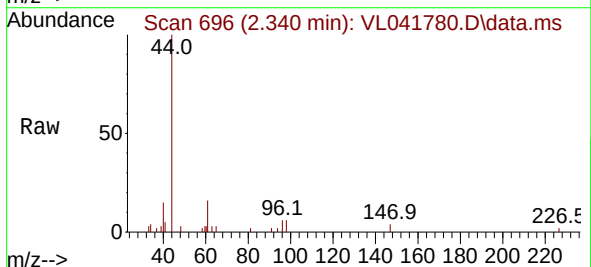
Concen: 0.028 ppbv

RT: 2.340 min Scan# 696

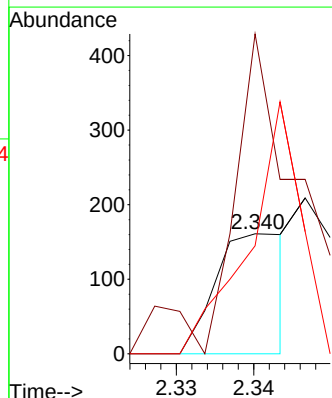
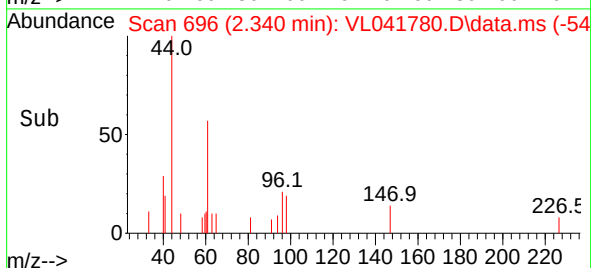
Delta R.T. 0.003 min

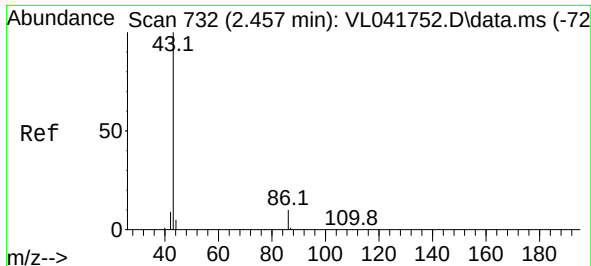
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46



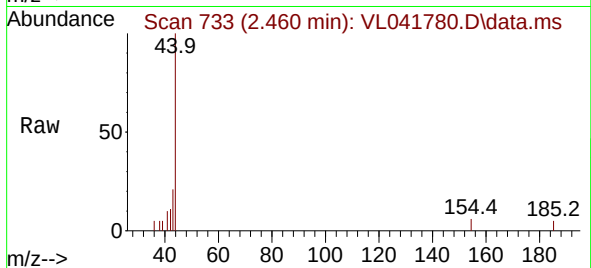
Tgt Ion:	96	Resp:	103
Ion	Ratio	Lower	Upper
96	100		
61	231.1	146.3	219.5#
98	90.1	50.8	76.2#



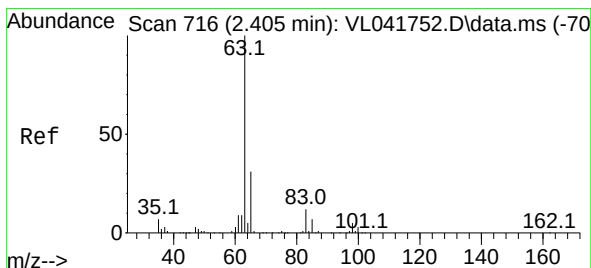
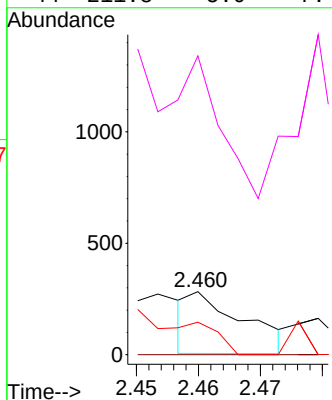
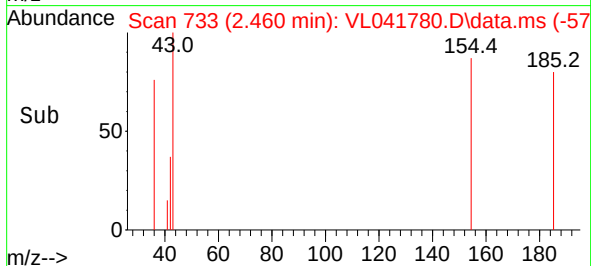


#23
 Vinyl Acetate
 Concen: 0.035 ppbv
 RT: 2.460 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL041780.D
 Acq: 17 Dec 2024 15:46

Instrument :
 MSVOA_L
 ClientSampleId :

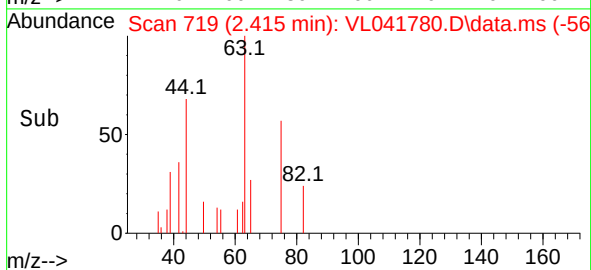
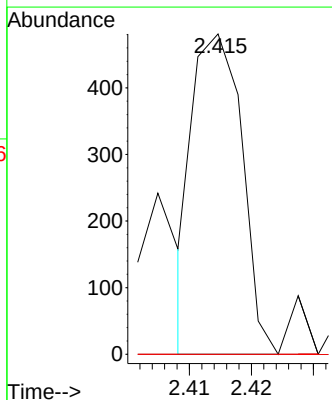
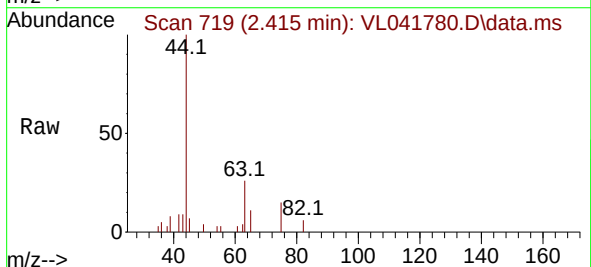


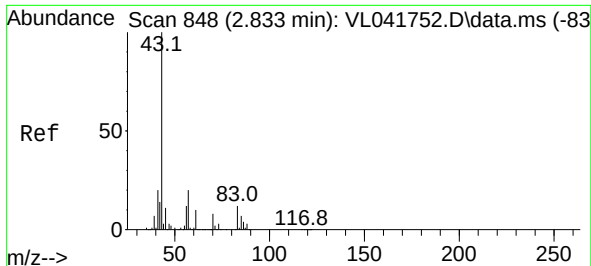
Tgt Ion: 43	Resp: 169
Ion Ratio	Lower Upper
43 100	
86 0.0	6.6 10.0#
42 85.9	8.2 12.2#
44 211.8	5.0 7.4#



#24
 1,1-Dichloroethane
 Concen: 0.036 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.009 min
 Lab File: VL041780.D
 Acq: 17 Dec 2024 15:46

Tgt Ion: 63	Resp: 266
Ion Ratio	Lower Upper
63 100	
98 0.0	2.3 6.8#
100 0.0	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.017 ppbv

RT: 2.848 min Scan# 848

Delta R.T. 0.016 min

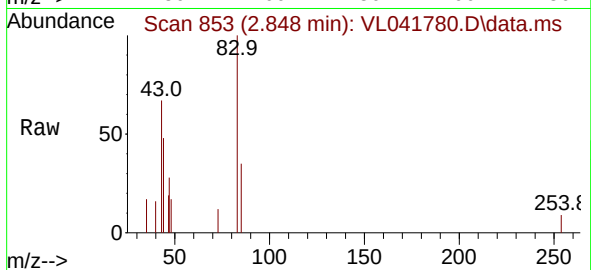
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 329

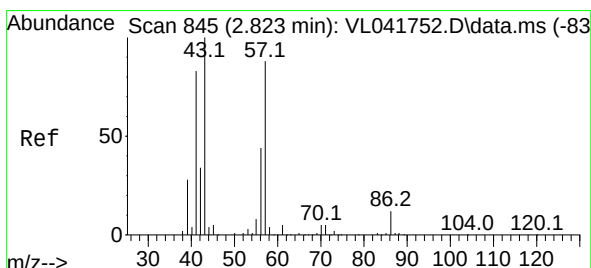
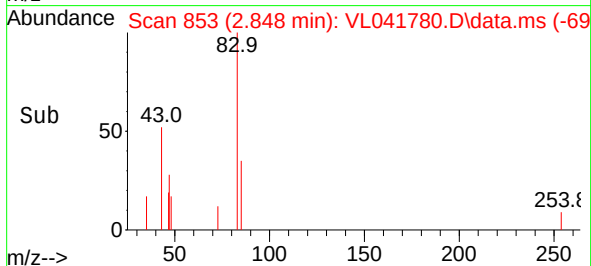
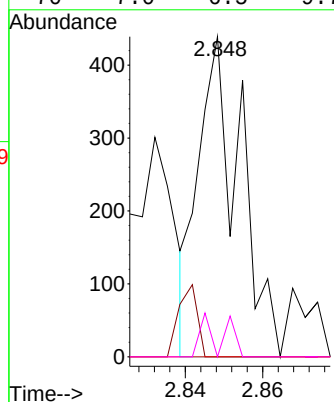
Ion Ratio Lower Upper

43 100

45 10.0 8.1 12.1

61 0.0 7.0 10.6#

70 7.0 6.5 9.7



#26

Hexane

Concen: 0.039 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion: 57 Resp: 287

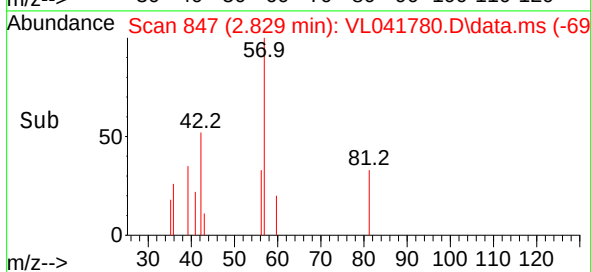
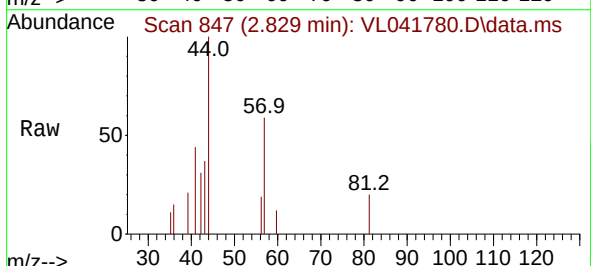
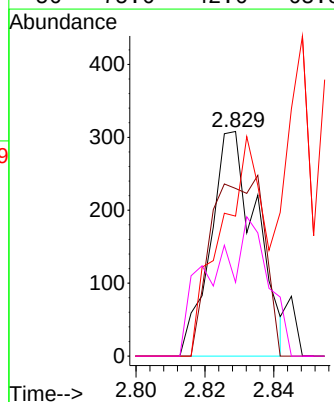
Ion Ratio Lower Upper

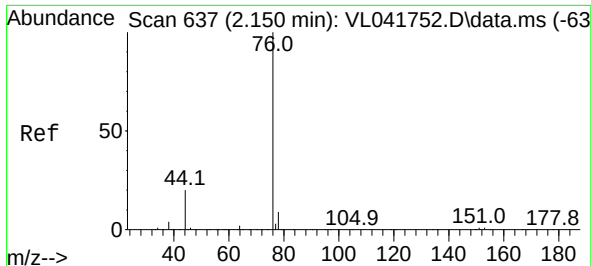
57 100

41 91.3 79.6 119.4

43 0.0 211.0 316.6#

56 75.6 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.022 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.003 min

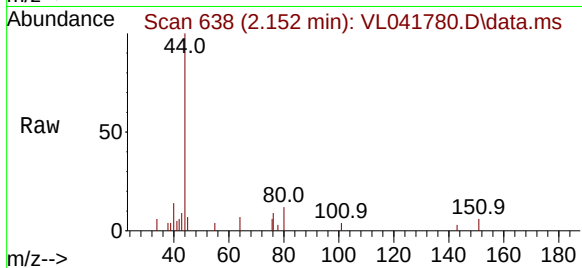
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

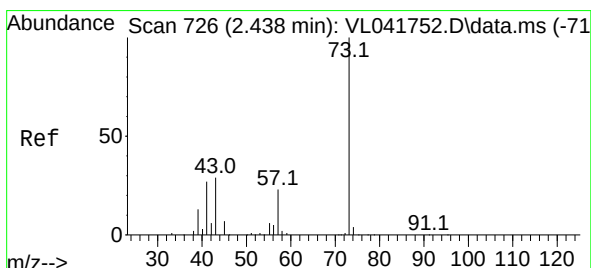
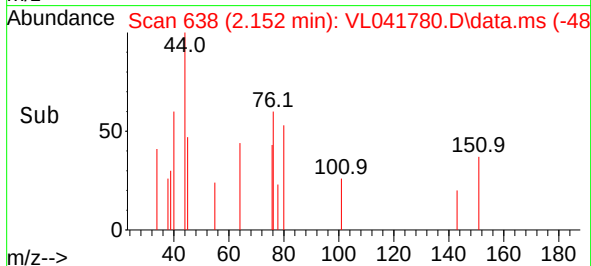
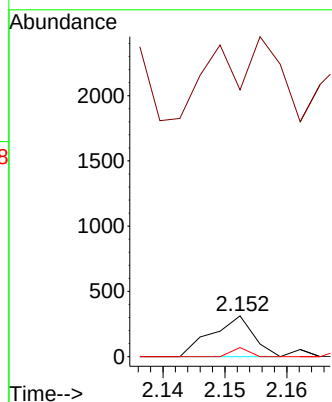
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 146
Ion Ratio	Lower Upper
76	100
44	2858.2 17.6 26.4#
78	16.4 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.017 ppbv

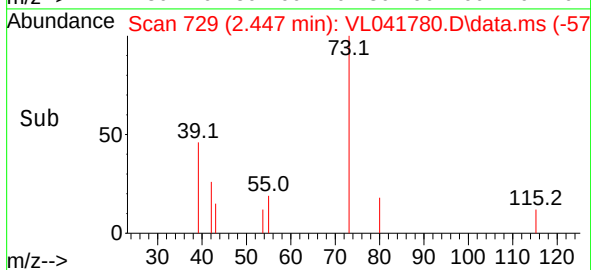
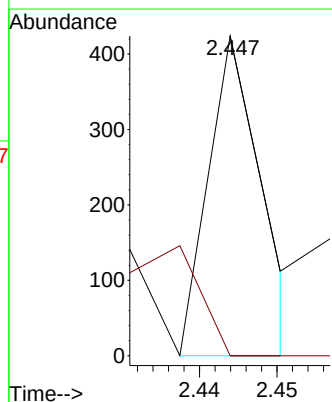
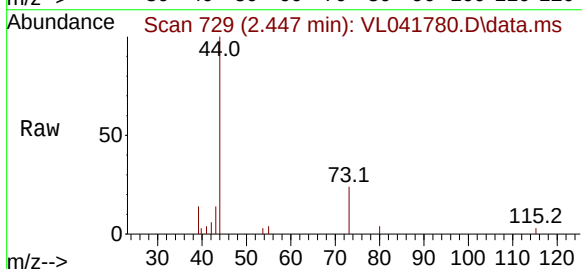
RT: 2.447 min Scan# 729

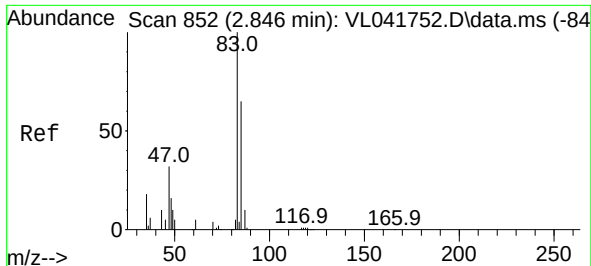
Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

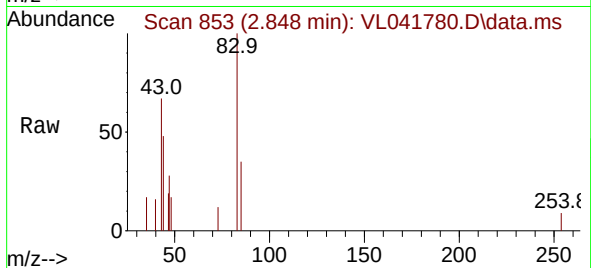
Tgt Ion: 73	Resp: 104
Ion Ratio	Lower Upper
73	100
57	0.0 17.6 26.4#



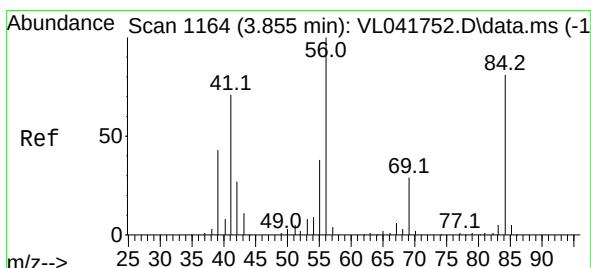
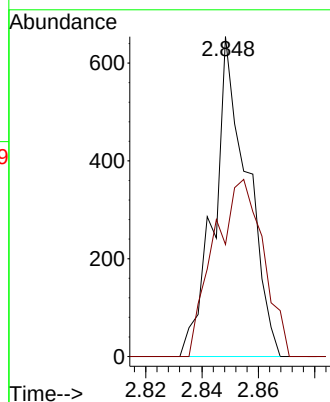
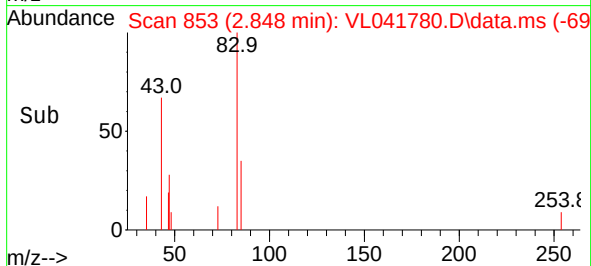


#29
Chloroform
Concen: 0.048 ppbv
RT: 2.848 min Scan# 852
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

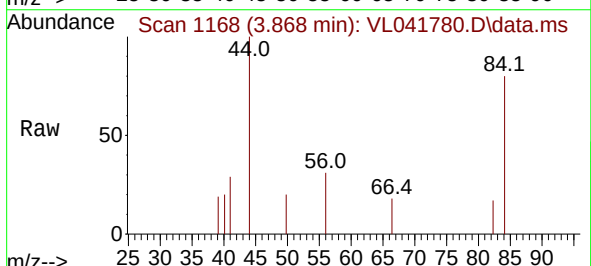
Instrument :
MSVOA_L
ClientSampleId :



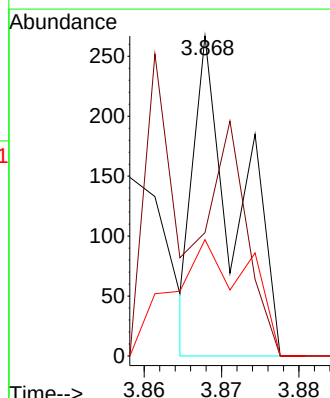
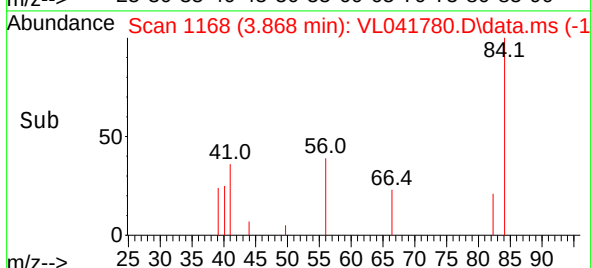
Tgt Ion: 83 Resp: 539
Ion Ratio Lower Upper
83 100
85 35.0 51.8 77.6#

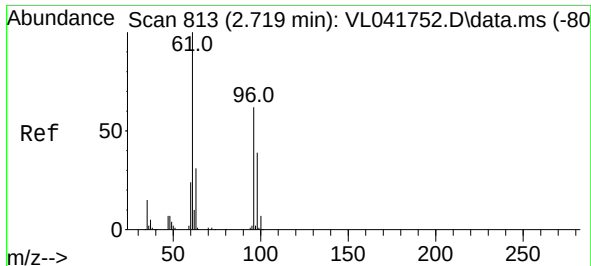


#30
Cyclohexane
Concen: 0.016 ppbv
RT: 3.868 min Scan# 1168
Delta R.T. 0.012 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46



Tgt Ion: 84 Resp: 101
Ion Ratio Lower Upper
84 100
56 0.0 102.3 153.5#
41 66.3 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.026 ppbv

RT: 2.725 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

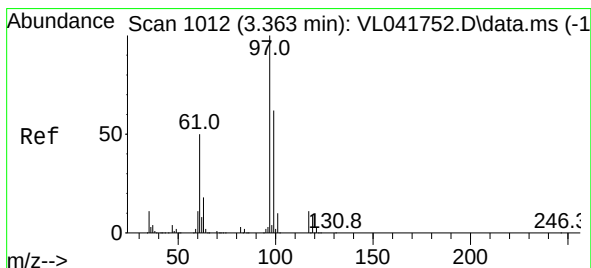
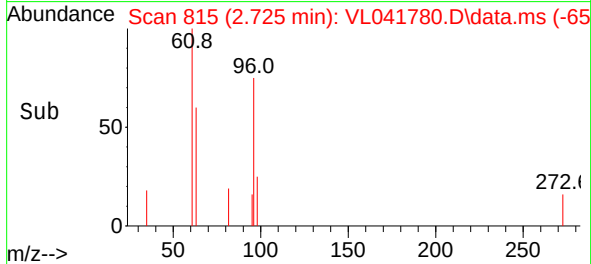
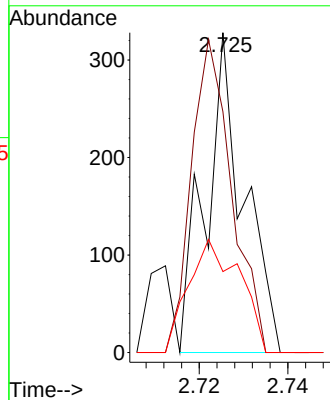
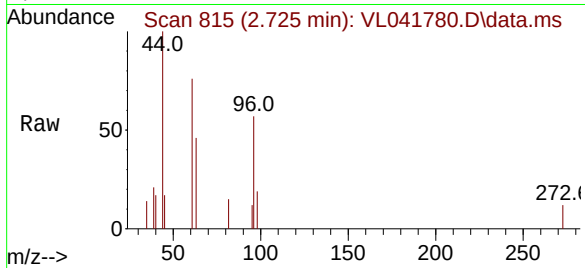
Tgt Ion: 61 Resp: 196

Ion Ratio Lower Upper

61 100

96 75.3 49.7 74.5#

98 25.3 30.8 46.2#



#32

1,1,1-Trichloroethane

Concen: 0.027 ppbv

RT: 3.369 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

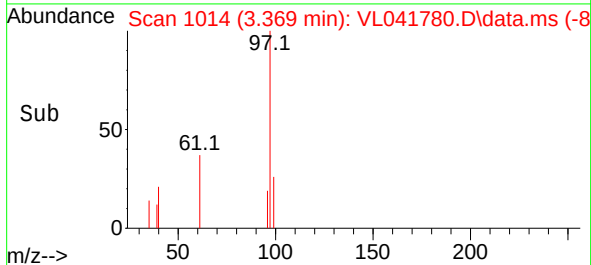
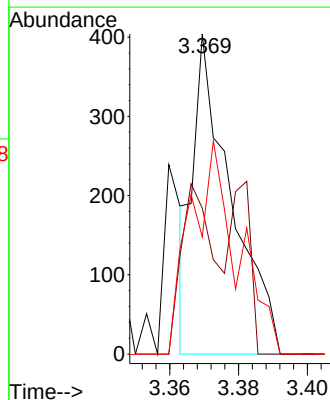
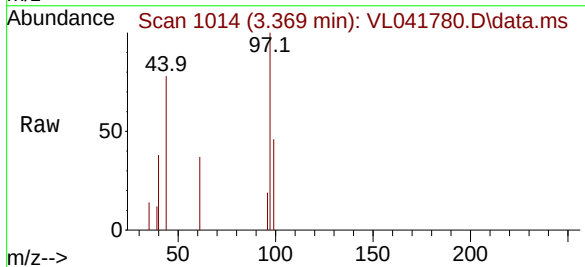
Tgt Ion: 97 Resp: 309

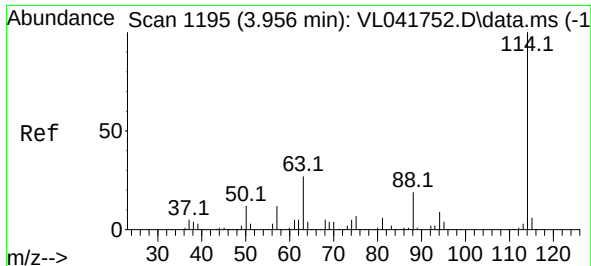
Ion Ratio Lower Upper

97 100

99 73.1 51.0 76.4

61 81.9 42.2 63.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

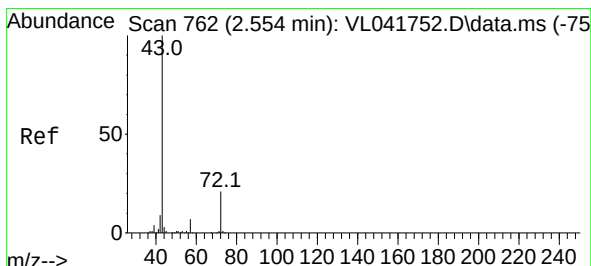
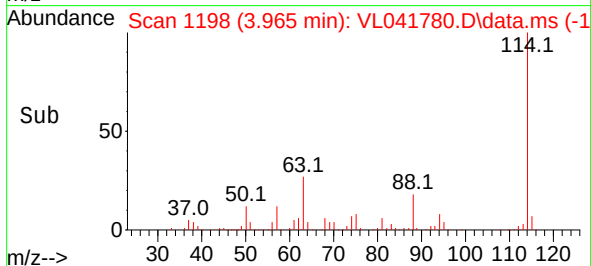
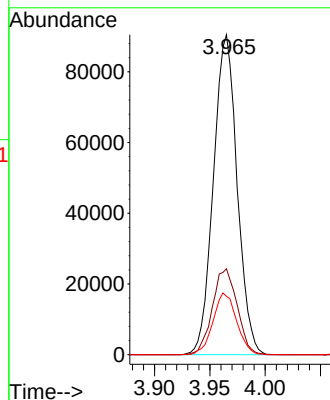
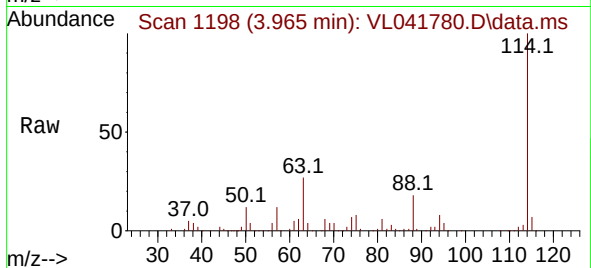
Tgt Ion:114 Resp: 134978

Ion Ratio Lower Upper

114 100

63 28.0 21.8 32.8

88 19.2 14.8 22.2



#34

2-Butanone

Concen: 0.057 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.016 min

Lab File: VL041780.D

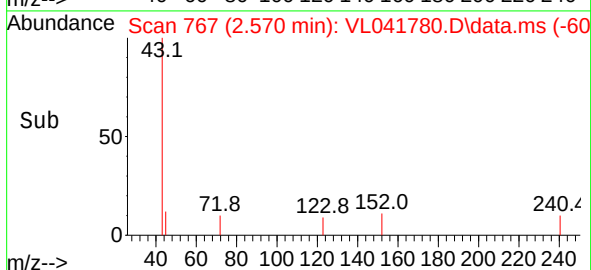
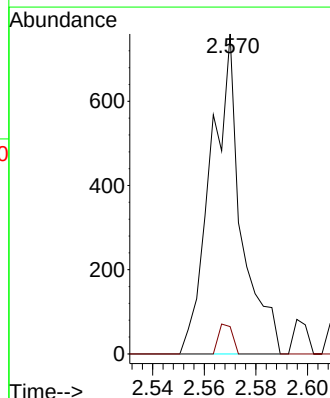
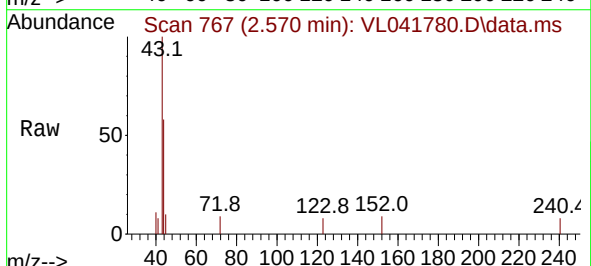
Acq: 17 Dec 2024 15:46

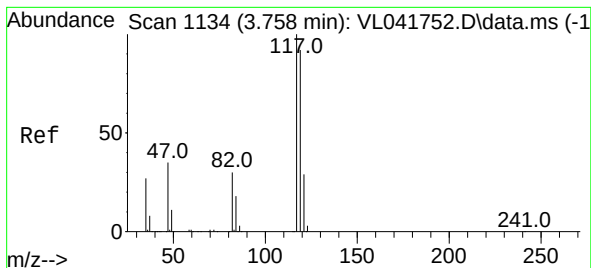
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

72 0.0 16.8 25.2#





#35

Carbon Tetrachloride

Concen: 0.015 ppbv

RT: 3.764 min Scan# 1134

Delta R.T. 0.006 min

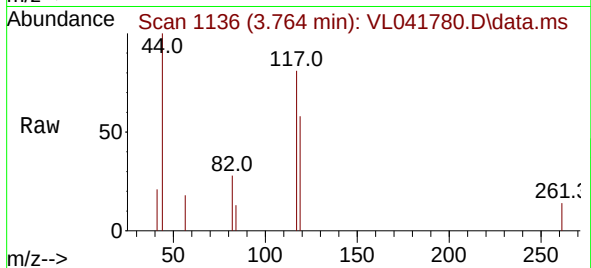
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



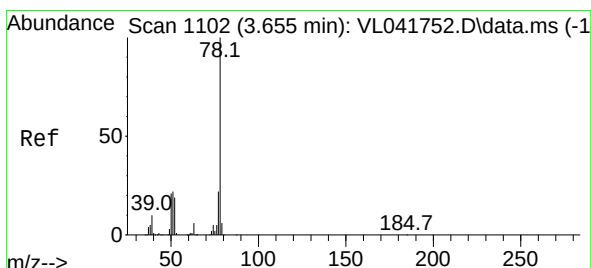
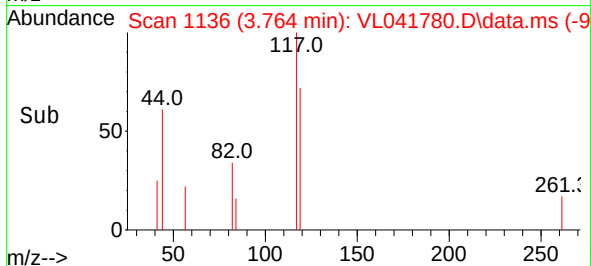
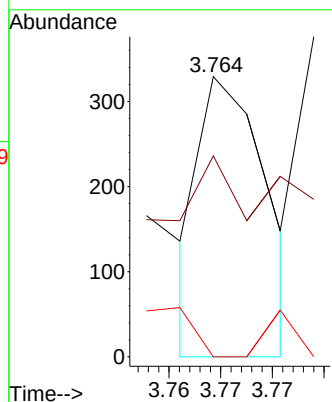
Tgt Ion:117 Resp: 148

Ion Ratio Lower Upper

117 100

119 39.4 73.7 110.5#

121 0.0 23.0 34.4#



#36

Benzene

Concen: 0.026 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

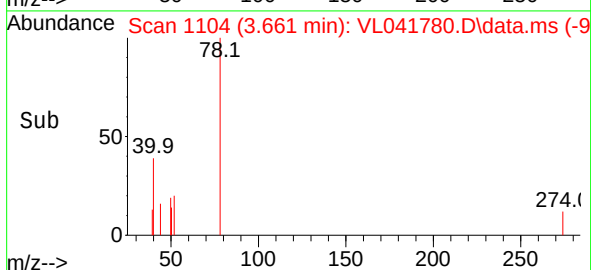
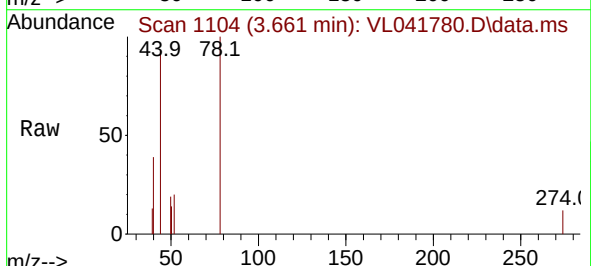
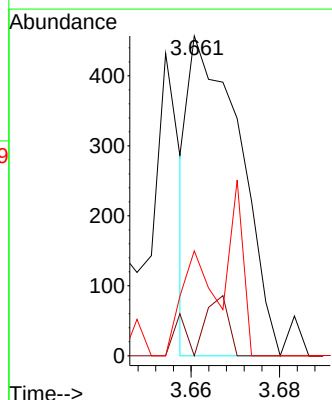
Tgt Ion: 78 Resp: 365

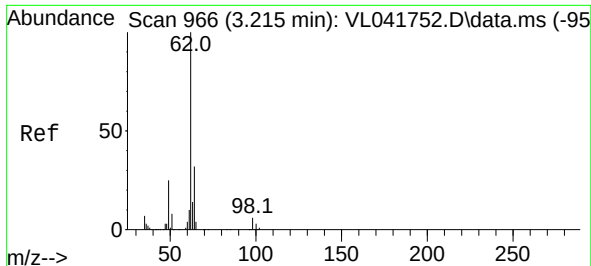
Ion Ratio Lower Upper

78 100

77 0.0 17.8 26.6#

50 32.8 17.2 25.8#

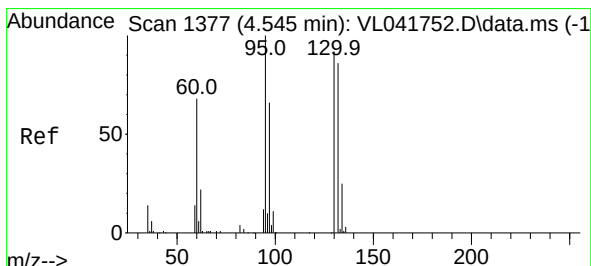
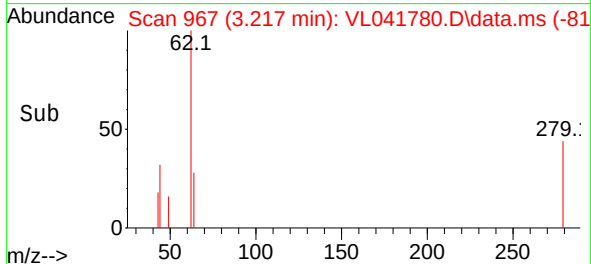
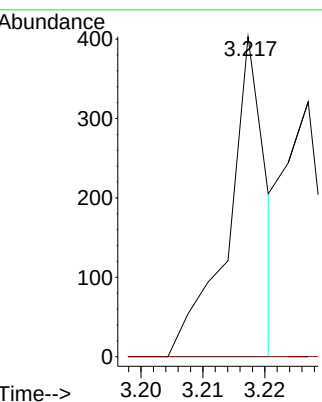
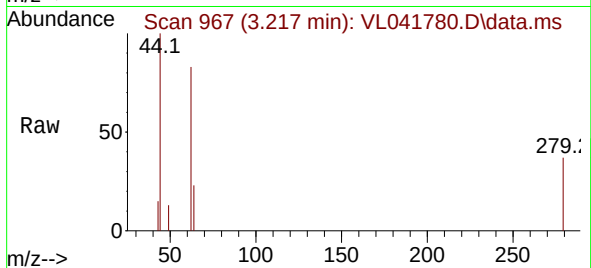




#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 3.217 min Scan# 90
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

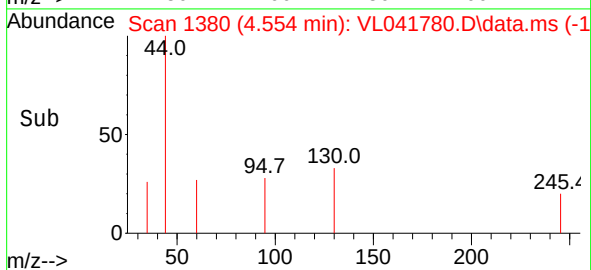
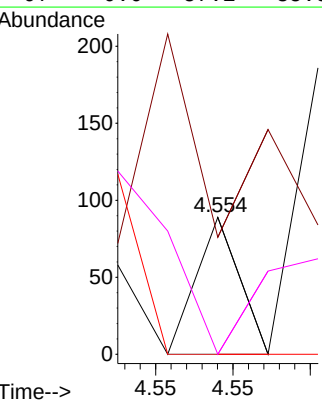
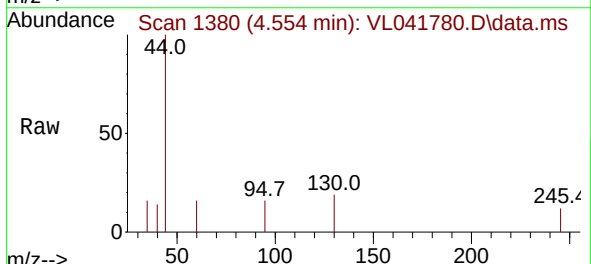
Instrument :
MSVOA_L
ClientSampleId :

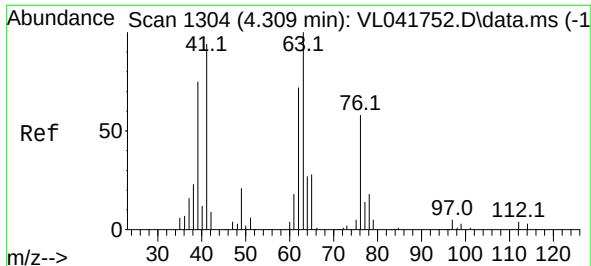
Tgt Ion: 62 Resp: 170
Ion Ratio Lower Upper
62 100
98 0.0 4.7 7.1#



#38
Trichloroethene
Concen: 0.003 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion:130 Resp: 17
Ion Ratio Lower Upper
130 100
95 0.0 87.0 130.6#
132 0.0 75.0 112.6#
97 0.0 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 7.484 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.344 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

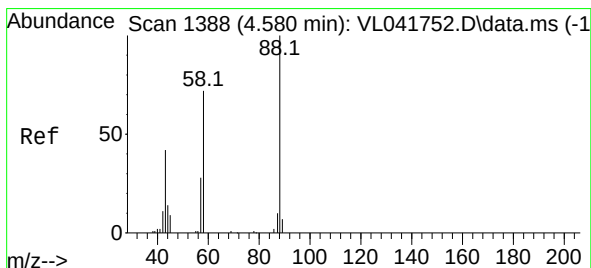
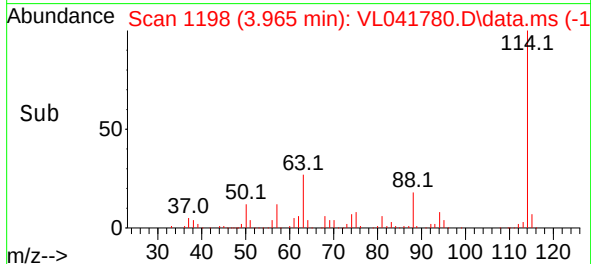
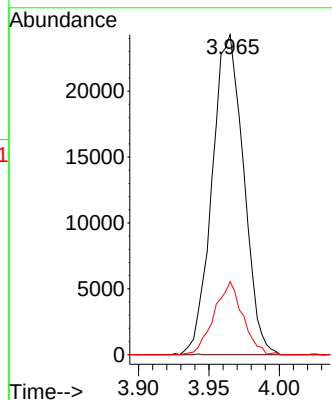
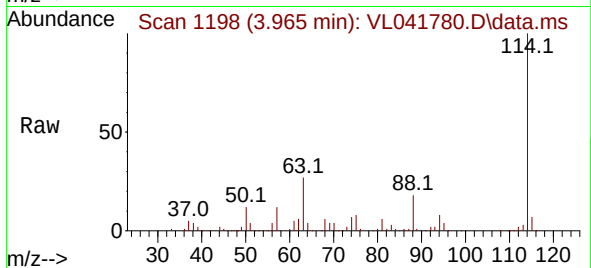
Tgt Ion: 63 Resp: 37793

Ion Ratio Lower Upper

63 100

41 0.4 75.3 112.9#

62 22.8 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.032 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.064 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion: 88 Resp: 78

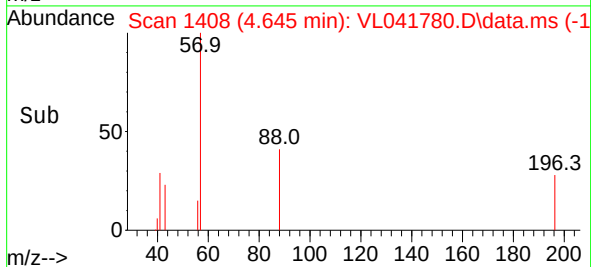
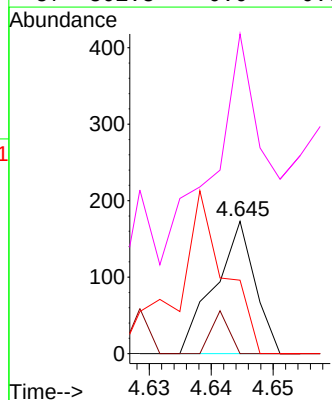
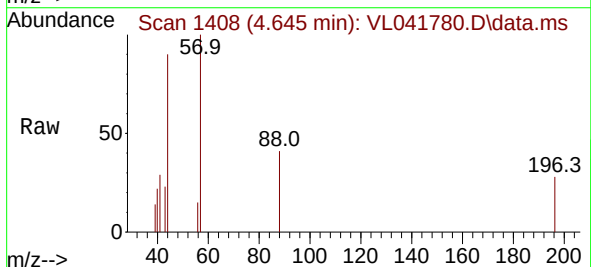
Ion Ratio Lower Upper

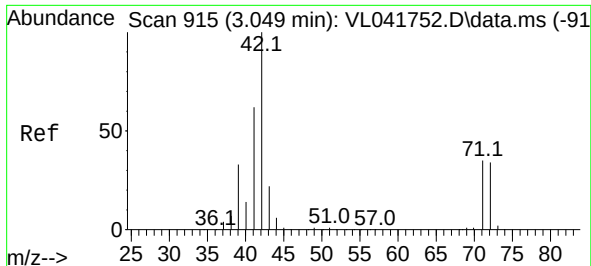
88 100

58 0.0 61.0 91.6#

43 146.2 29.4 44.0#

57 801.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.023 ppbv

RT: 3.085 min Scan# 91

Delta R.T. 0.035 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

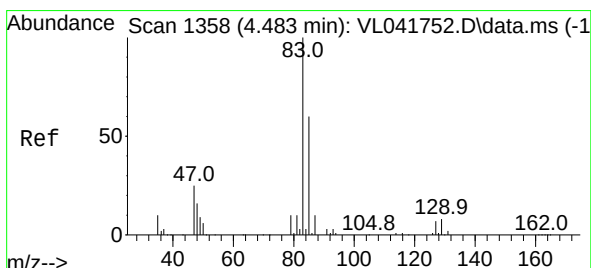
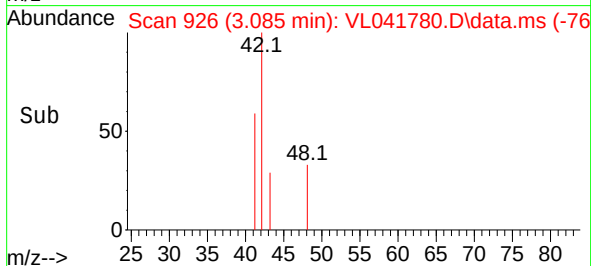
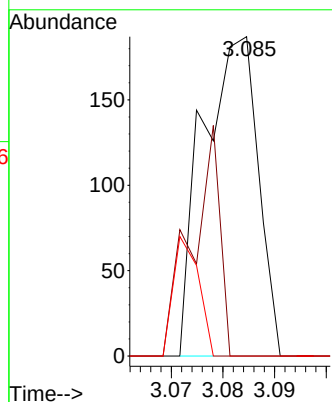
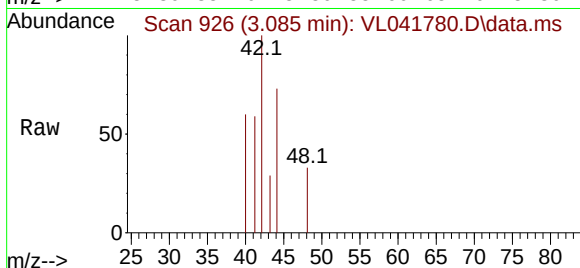
Tgt Ion: 42 Resp: 139

Ion Ratio Lower Upper

42 100

72 36.7 29.1 43.7

71 17.3 28.4 42.6#



#42

Bromodichloromethane

Concen: 0.014 ppbv

RT: 4.496 min Scan# 1362

Delta R.T. 0.012 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

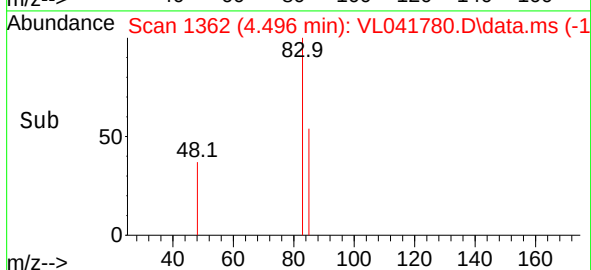
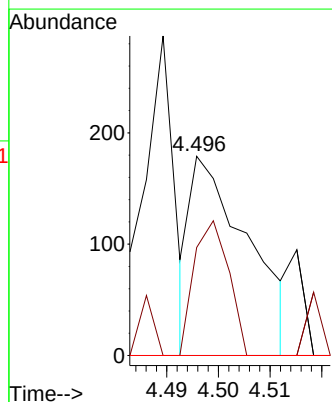
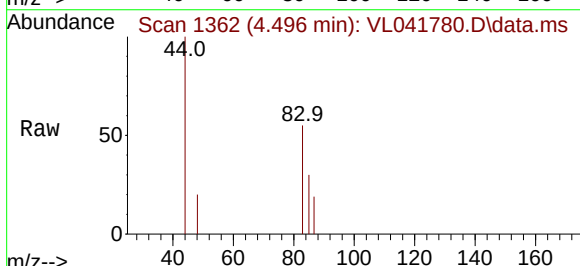
Tgt Ion: 83 Resp: 139

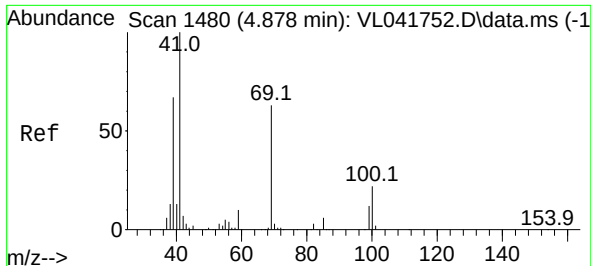
Ion Ratio Lower Upper

83 100

85 86.6 48.0 72.0#

127 0.0 5.8 8.8#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 4.894 min Scan# 1480

Delta R.T. 0.016 min

Lab File: VL041780.D

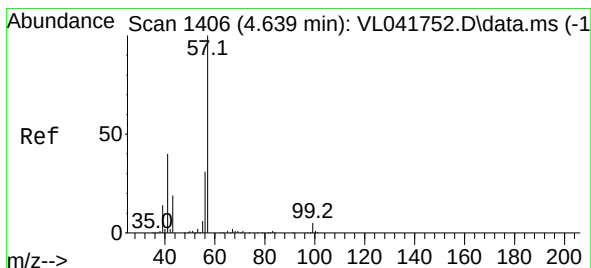
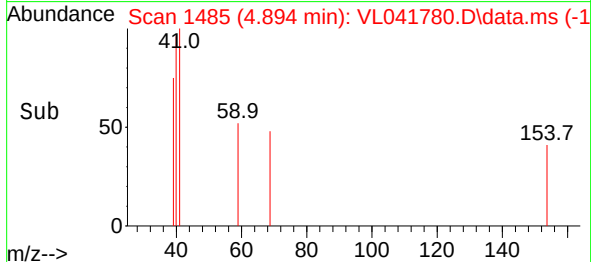
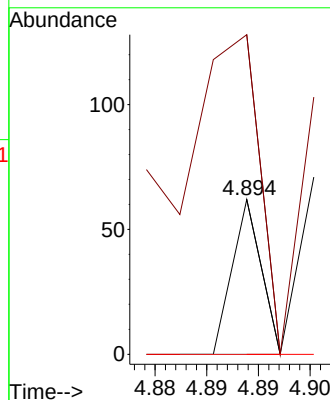
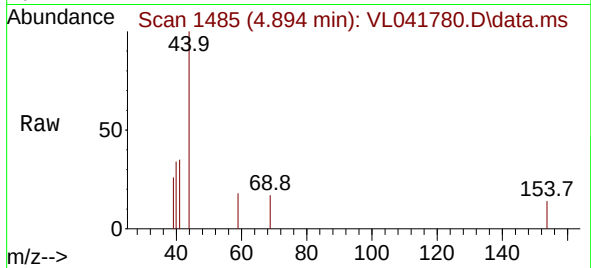
Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 69	Resp:	12
Ion Ratio	Lower	Upper
69	100	
41	1550.0	130.3 195.5#
100	0.0	28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.009 ppbv

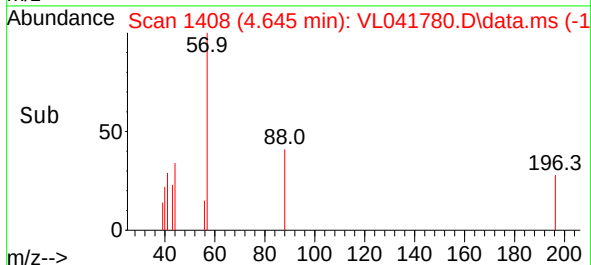
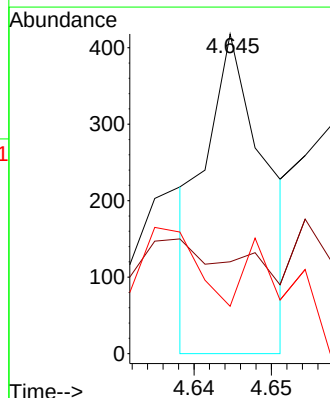
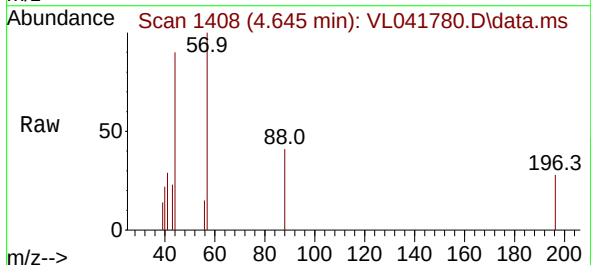
RT: 4.645 min Scan# 1408

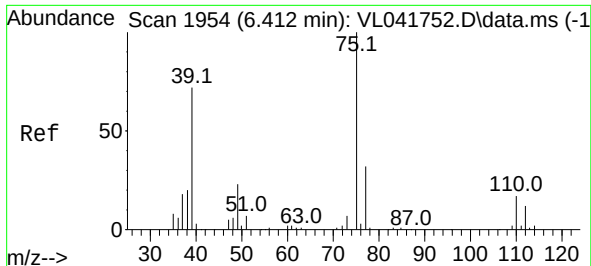
Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion: 57	Resp:	224
Ion Ratio	Lower	Upper
57	100	
41	0.0	30.7 46.1#
56	0.0	25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 6.415 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

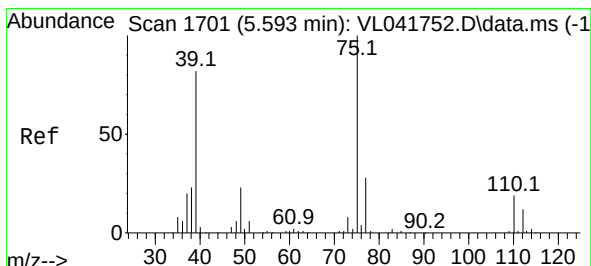
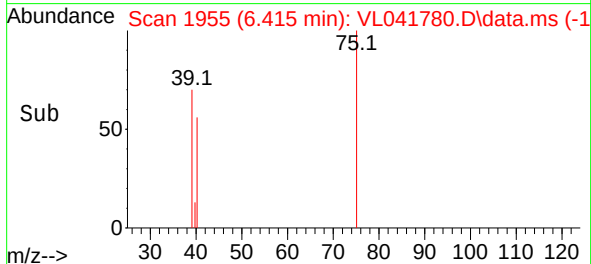
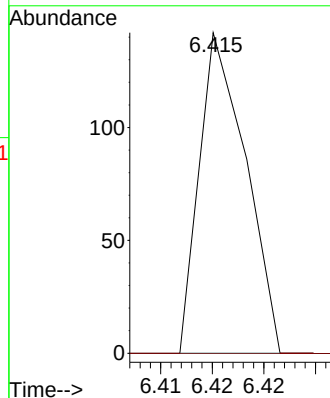
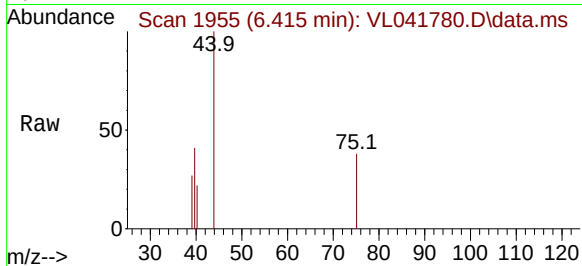
ClientSampleId :

Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

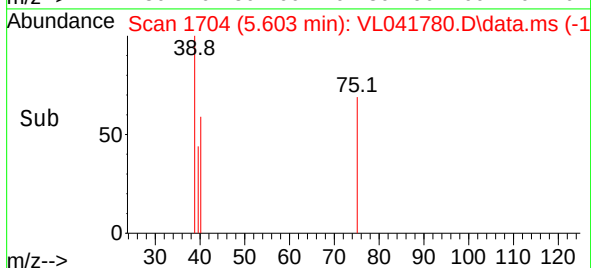
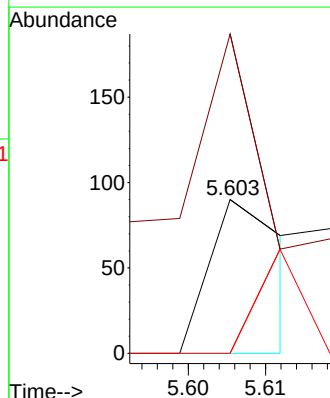
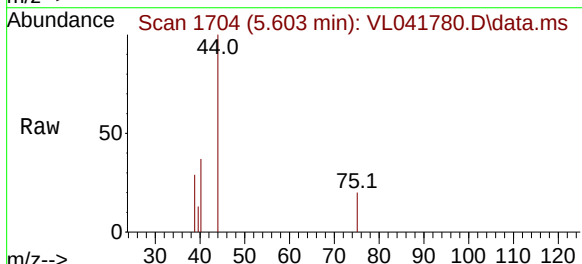
Tgt Ion: 75 Resp: 31

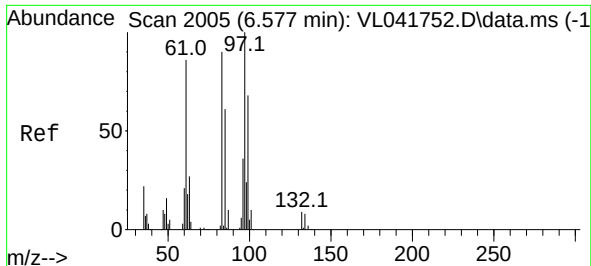
Ion Ratio Lower Upper

75 100

39 140.0 65.2 97.8#

77 0.0 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.019 ppbv

RT: 6.593 min Scan# 2010

Delta R.T. 0.016 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 101

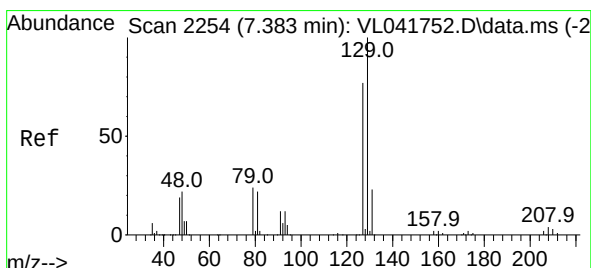
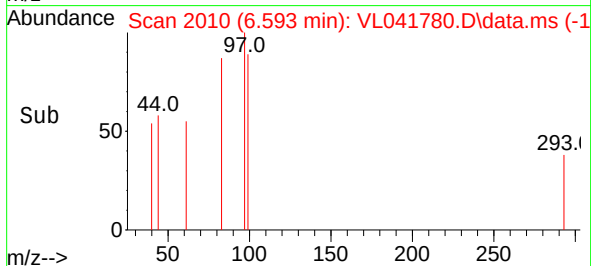
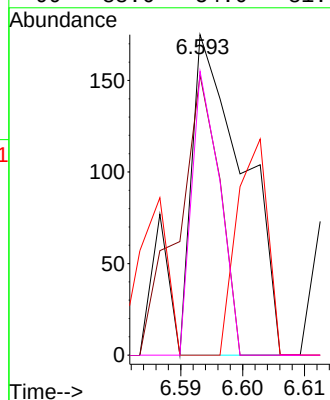
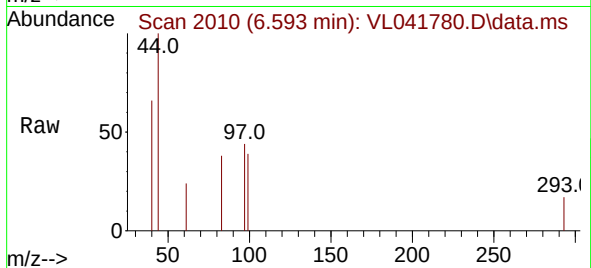
Ion Ratio Lower Upper

97 100

83 87.4 72.3 108.5

85 0.0 48.5 72.7#

99 88.6 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.008 ppbv

RT: 7.383 min Scan# 2254

Delta R.T. -0.000 min

Lab File: VL041780.D

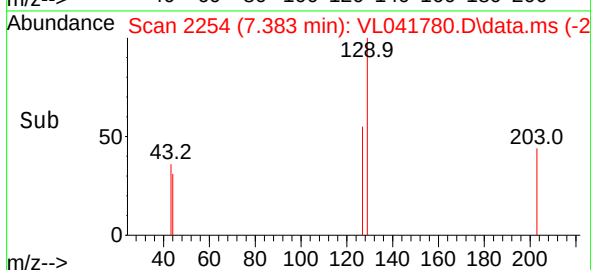
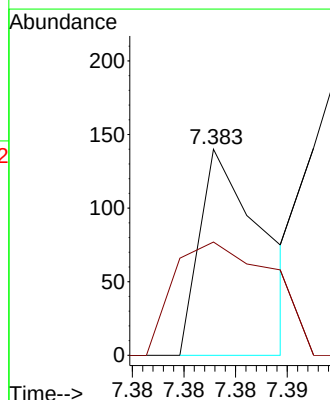
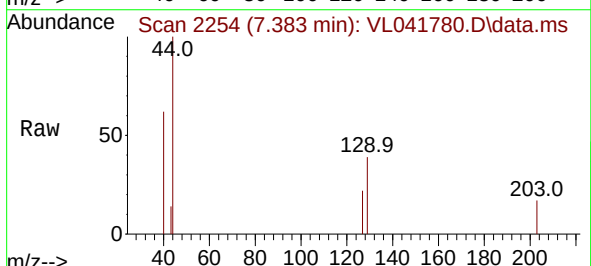
Acq: 17 Dec 2024 15:46

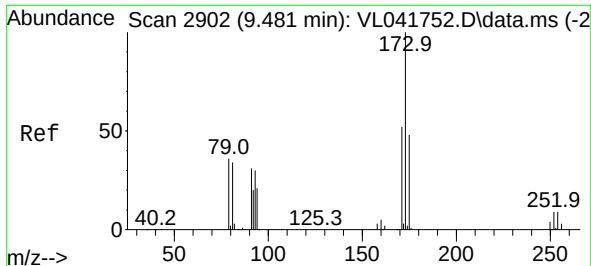
Tgt Ion: 129 Resp: 60

Ion Ratio Lower Upper

129 100

127 103.3 38.8 116.3





#49

Bromoform

Concen: 0.008 ppbv

RT: 9.500 min Scan# 20

Delta R.T. 0.019 min

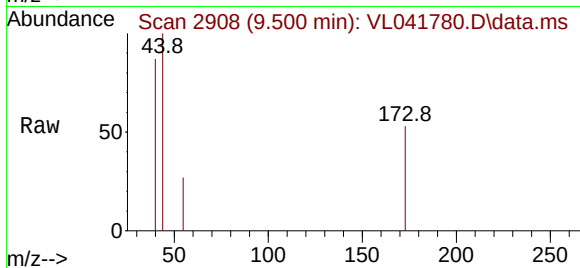
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

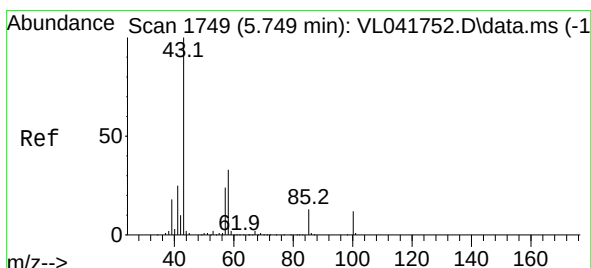
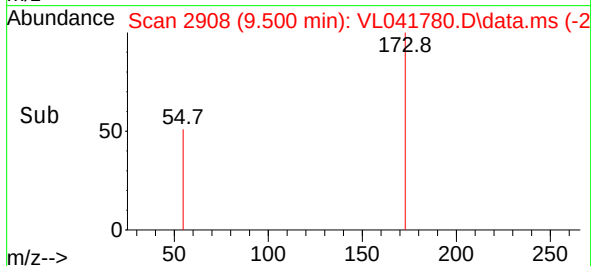
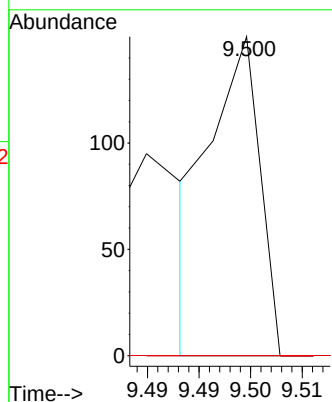
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	49
Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.1	61.7#



#50

4-Methyl-2-Pentanone

Concen: 0.006 ppbv

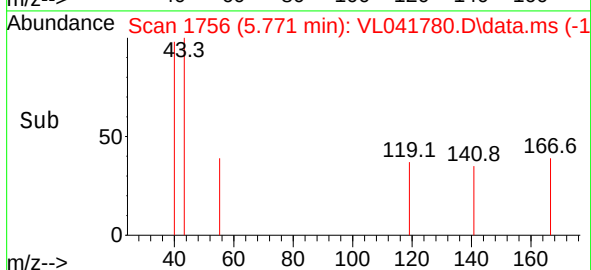
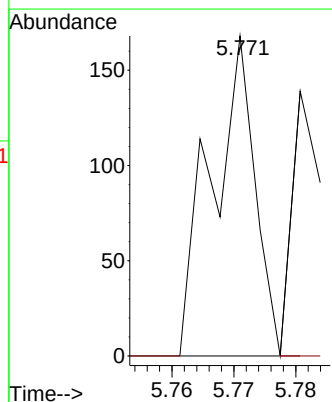
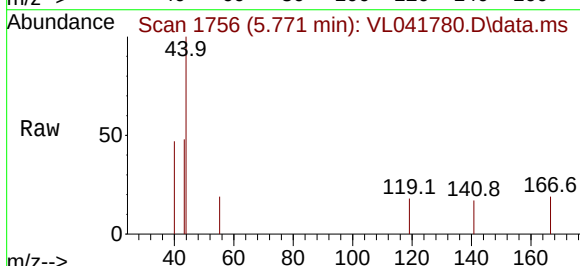
RT: 5.771 min Scan# 1756

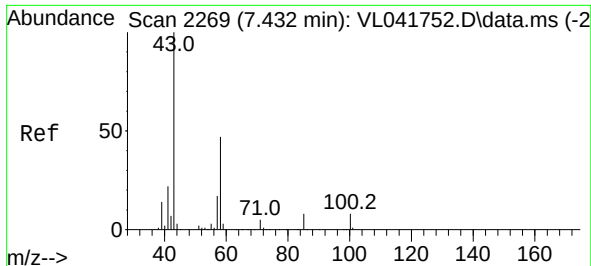
Delta R.T. 0.022 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion:	43	Resp:	82
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#

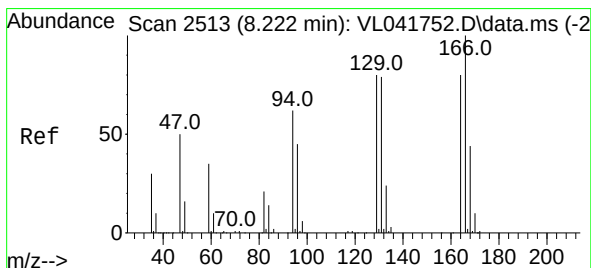
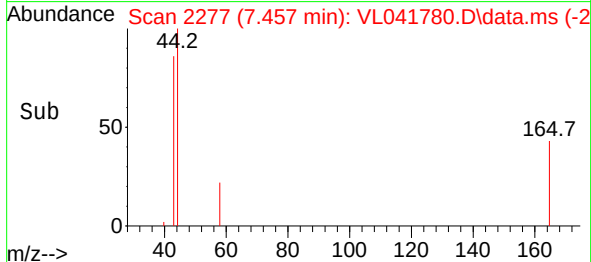
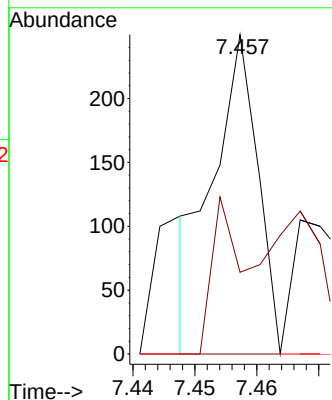
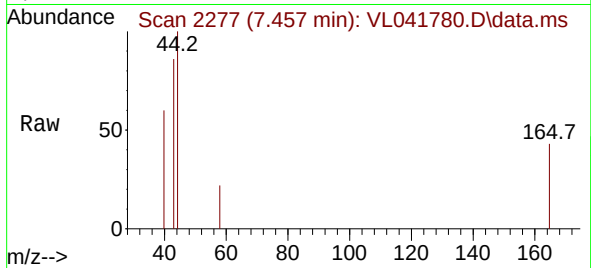




#51
2-Hexanone
Concen: 0.010 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.025 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

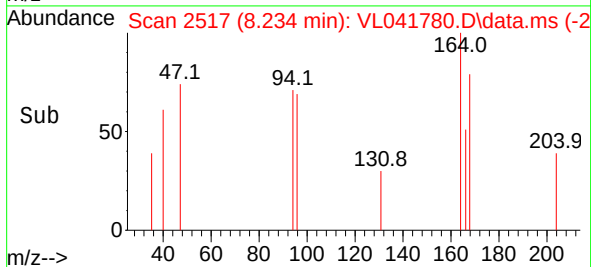
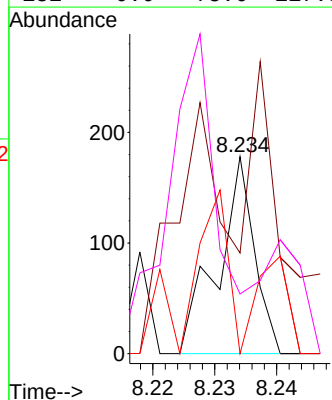
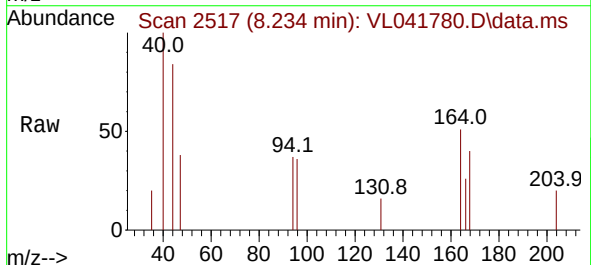
Instrument :
MSVOA_L
ClientSampleId :

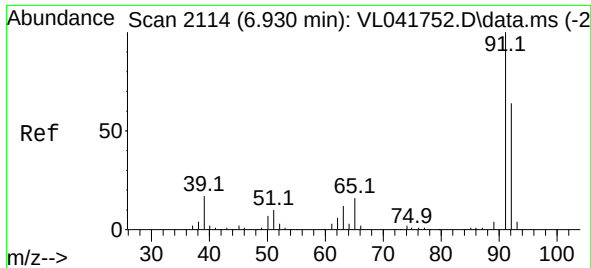
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 84.8 36.6 55.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.014 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.012 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

Tgt Ion:164 Resp: 73
Ion Ratio Lower Upper
164 100
166 2.2 99.8 149.6#
129 0.0 79.6 119.4#
131 0.0 78.6 117.8#





#53

Toluene

Concen: 0.004 ppbv

RT: 6.949 min Scan# 2114

Delta R.T. 0.019 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

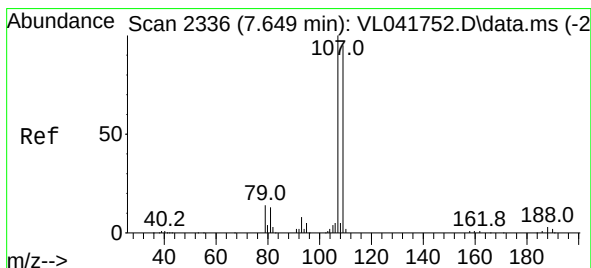
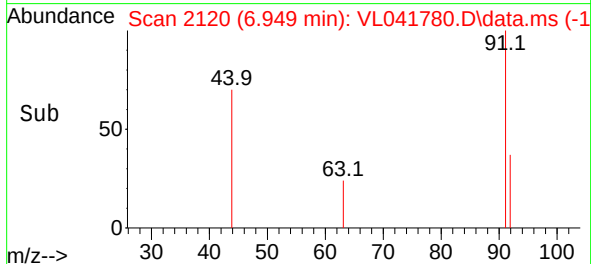
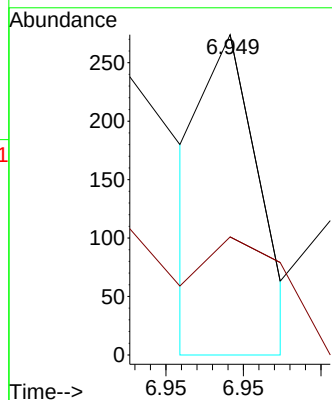
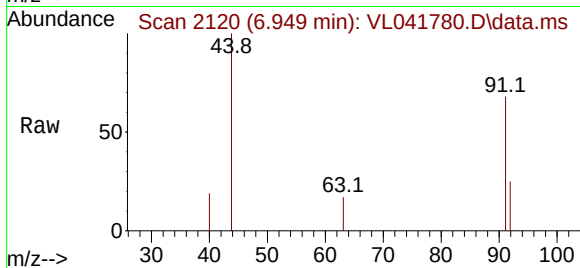
ClientSampleId :

Tgt Ion: 91 Resp: 65

Ion Ratio Lower Upper

91 100

92 0.0 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.010 ppbv

RT: 7.648 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VL041780.D

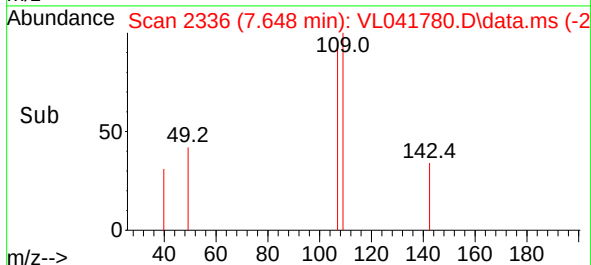
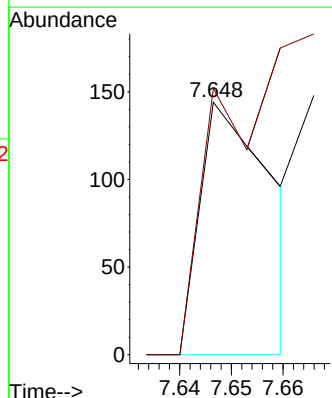
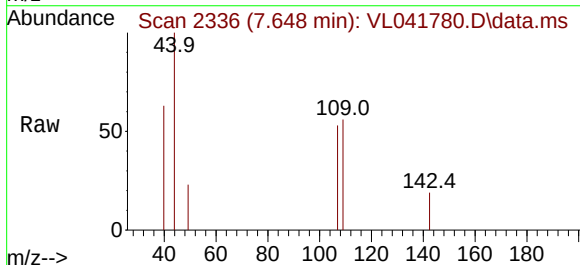
Acq: 17 Dec 2024 15:46

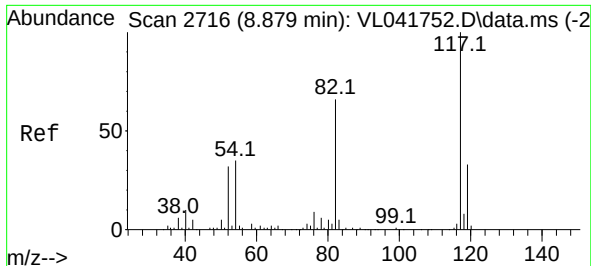
Tgt Ion:107 Resp: 70

Ion Ratio Lower Upper

107 100

109 105.6 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: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

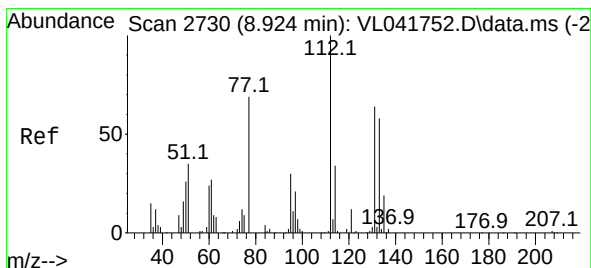
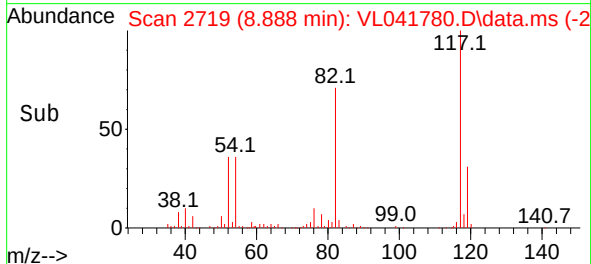
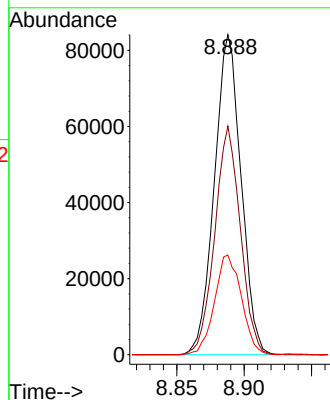
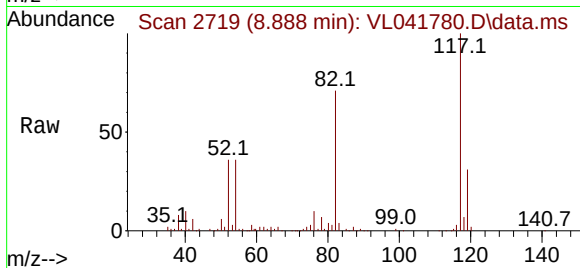
Tgt Ion:117 Resp: 115758

Ion Ratio Lower Upper

117 100

82 68.6 53.8 80.8

119 31.5 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.015 ppbv

RT: 8.936 min Scan# 2734

Delta R.T. 0.012 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

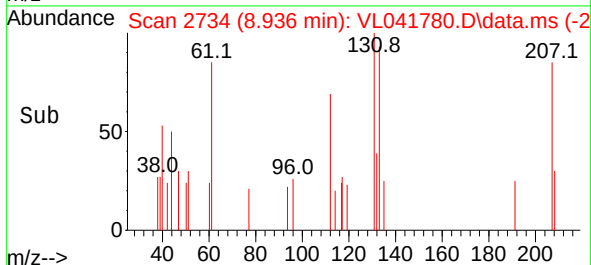
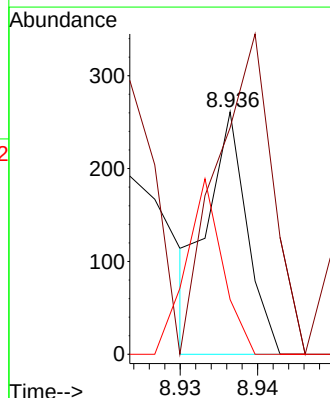
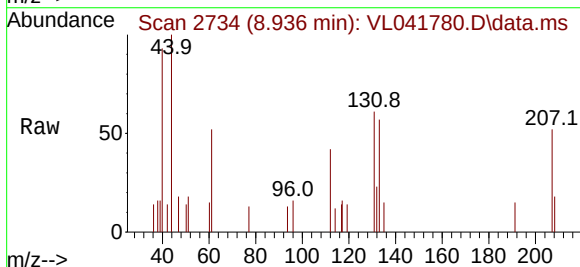
Tgt Ion:131 Resp: 90

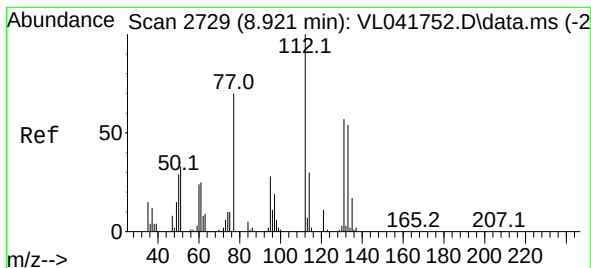
Ion Ratio Lower Upper

131 100

133 380.0 76.8 115.2#

119 0.0 49.0 73.6#





#57

Chlorobenzene

Concen: 0.006 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.009 min

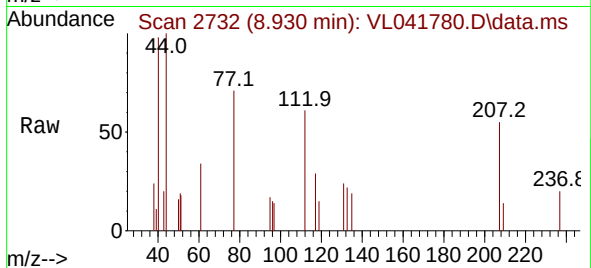
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



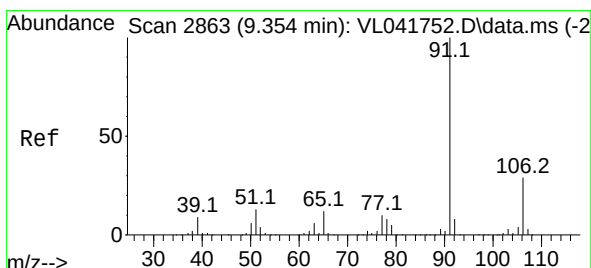
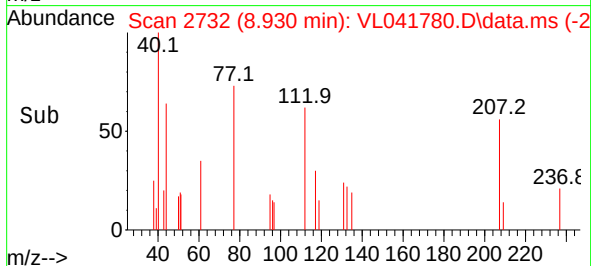
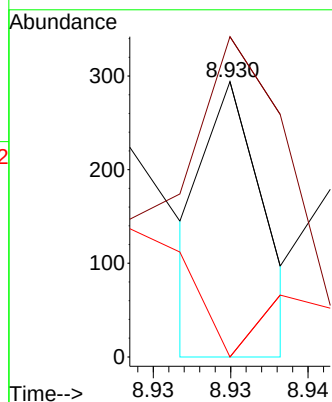
Tgt Ion: 112 Resp: 76

Ion Ratio Lower Upper

112 100

77 85.3 57.4 86.0

114 0.0 27.4 33.4#



#58

Ethyl Benzene

Concen: 0.014 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. 0.009 min

Lab File: VL041780.D

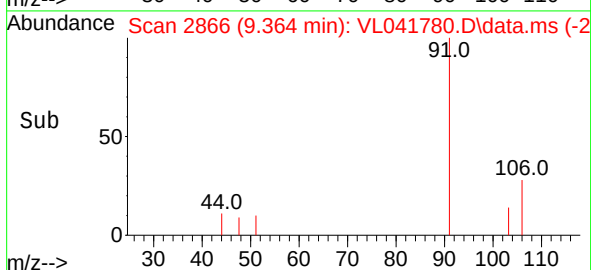
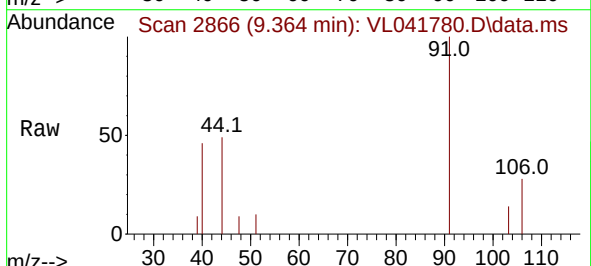
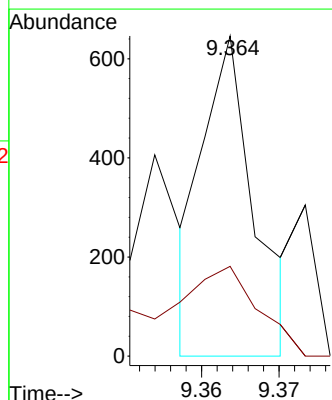
Acq: 17 Dec 2024 15:46

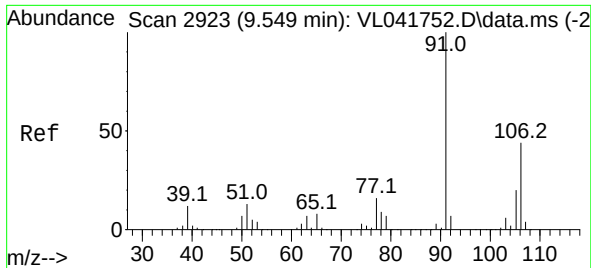
Tgt Ion: 91 Resp: 297

Ion Ratio Lower Upper

91 100

106 26.2 23.5 35.3

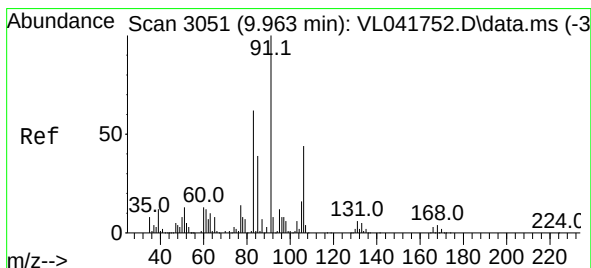
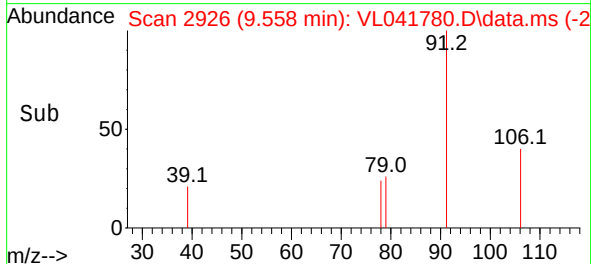
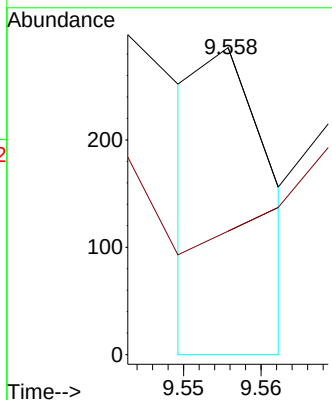
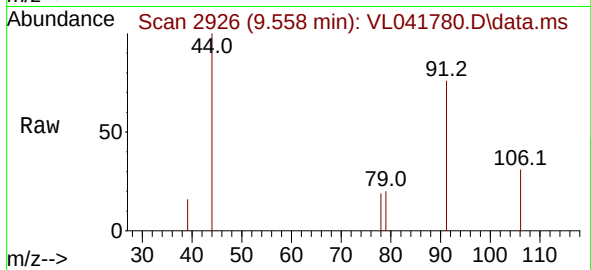




#59
m/p-Xylene
Concen: 0.005 ppbv
RT: 9.558 min Scan# 2923
Delta R.T. 0.009 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

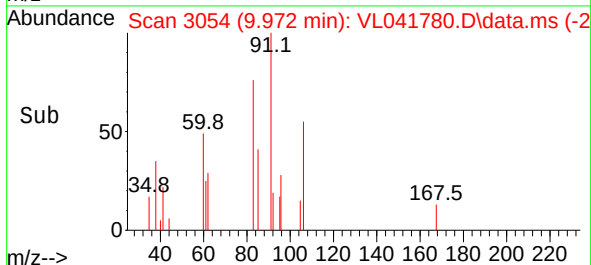
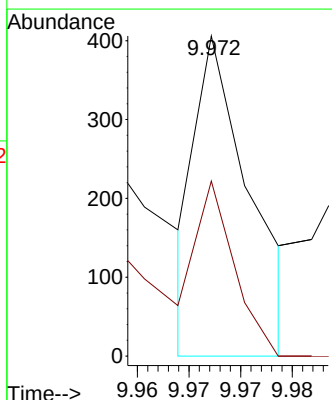
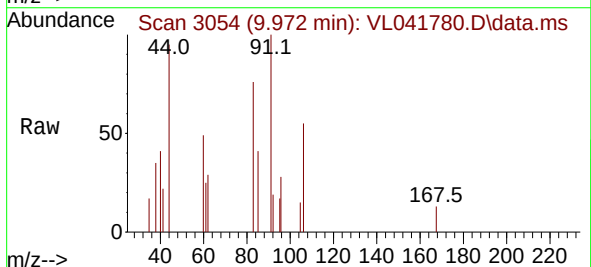
Instrument :
MSVOA_1
ClientSampleId :

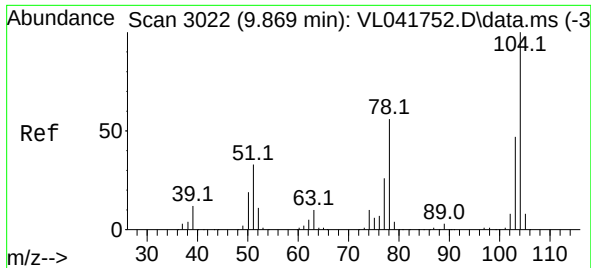
Tgt Ion: 91 Resp: 86
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.009 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.009 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

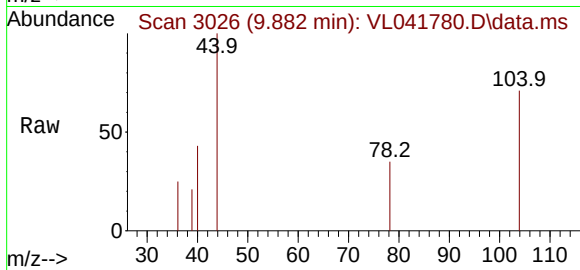
Tgt Ion: 91 Resp: 148
Ion Ratio Lower Upper
91 100
106 78.4 21.1 63.4#



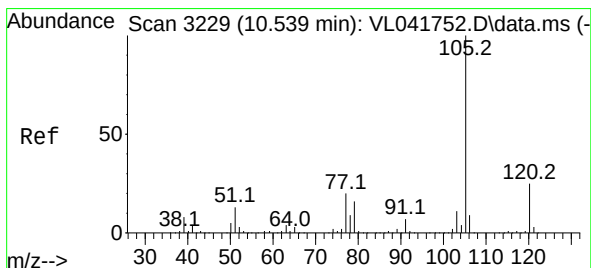
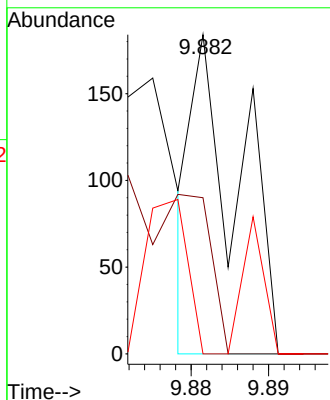
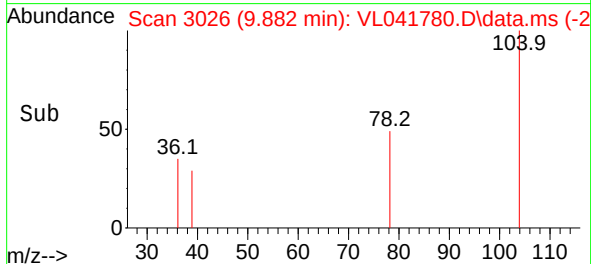


#61
Styrene
Concen: 0.010 ppbv
RT: 9.882 min Scan# 3022
Delta R.T. 0.012 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

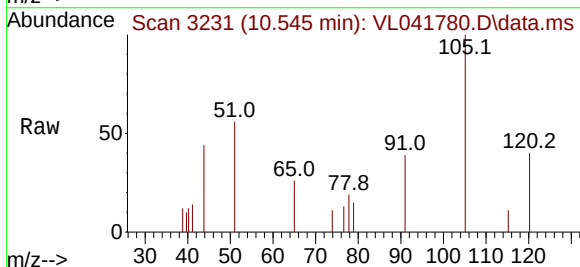
Instrument :
MSVOA_L
ClientSampleId :



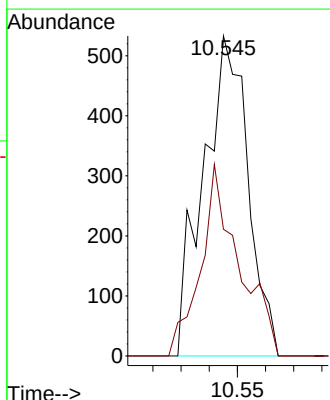
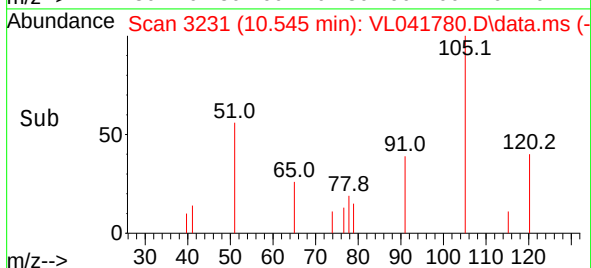
Tgt Ion:104 Resp: 75
Ion Ratio Lower Upper
104 100
78 0.0 43.8 65.6#
103 65.3 37.8 56.6#

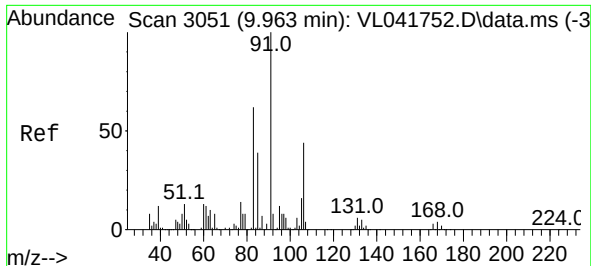


#62
Isopropylbenzene
Concen: 0.023 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46



Tgt Ion:105 Resp: 587
Ion Ratio Lower Upper
105 100
120 51.3 19.8 29.8#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.015 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.009 min

Lab File: VL041780.D

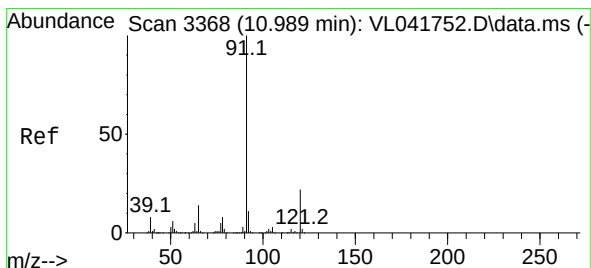
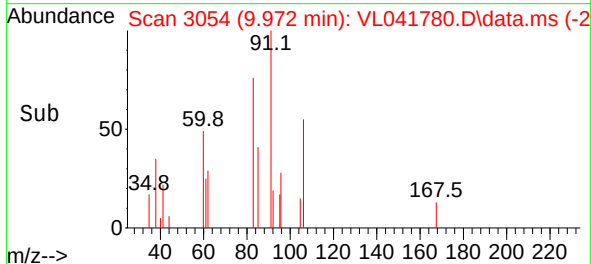
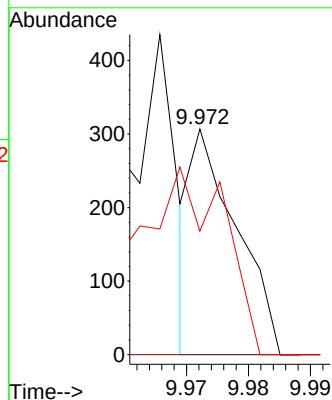
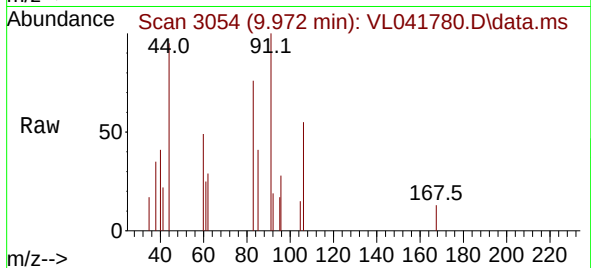
Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83	Resp:	156
Ion Ratio	Lower	Upper
83	100	
131	0.0	4.9
85	165.4	32.0



#64

n-propylbenzene

Concen: 0.023 ppbv

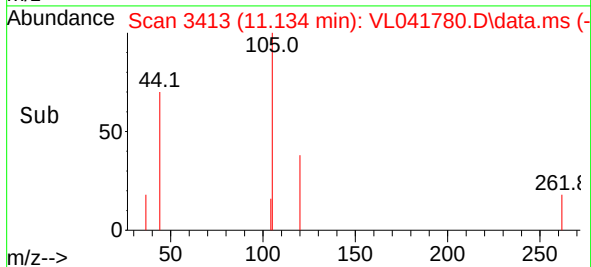
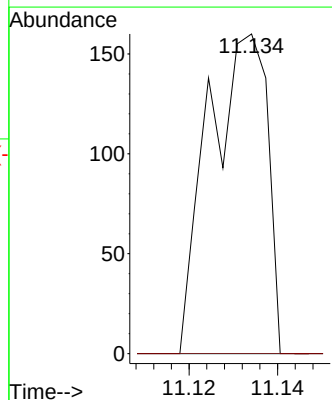
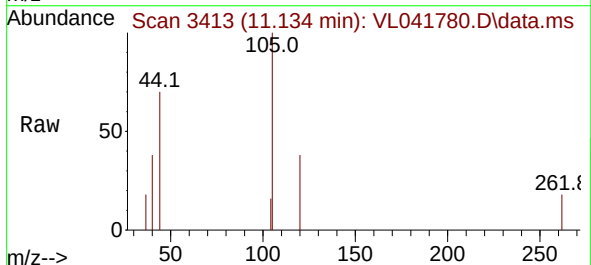
RT: 11.134 min Scan# 3413

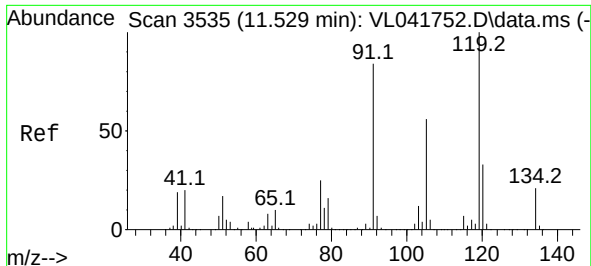
Delta R.T. 0.145 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion: 120	Resp:	147
Ion Ratio	Lower	Upper
120	100	
91	461.2	387.3





#65

tert-Butylbenzene

Concen: 0.014 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

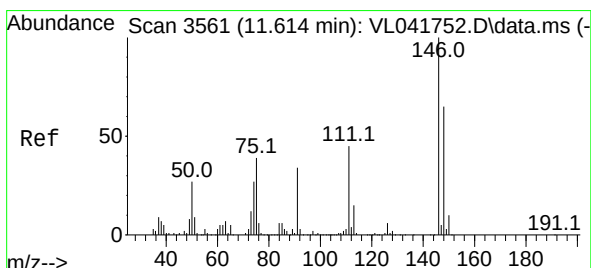
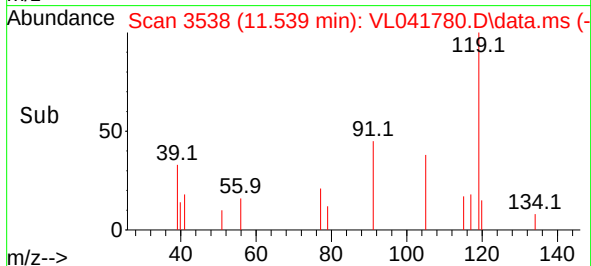
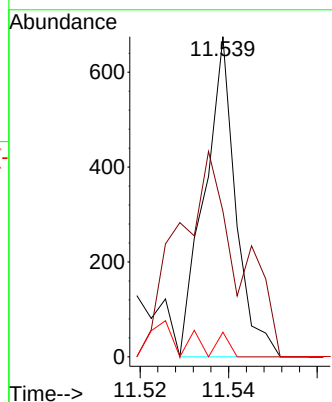
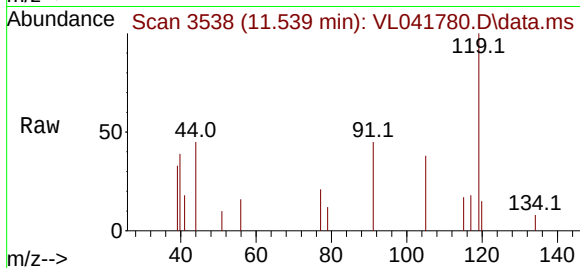
Tgt Ion:119 Resp: 329

Ion Ratio Lower Upper

119 100

91 124.0 67.0 100.4#

134 0.0 16.5 24.7#



#66

Benzyl Chloride

Concen: 0.038 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.068 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

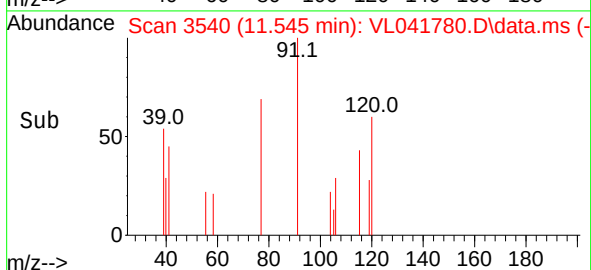
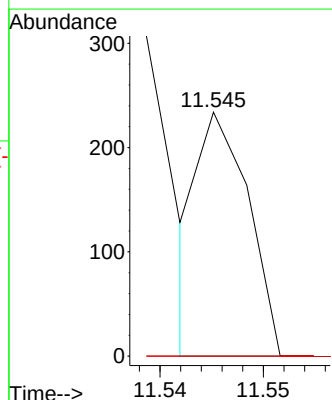
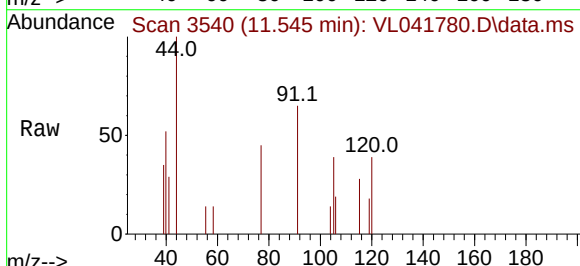
Tgt Ion: 91 Resp: 77

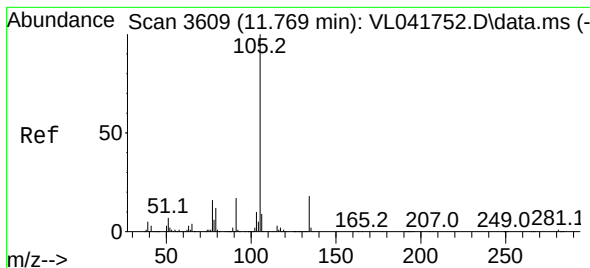
Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.005 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

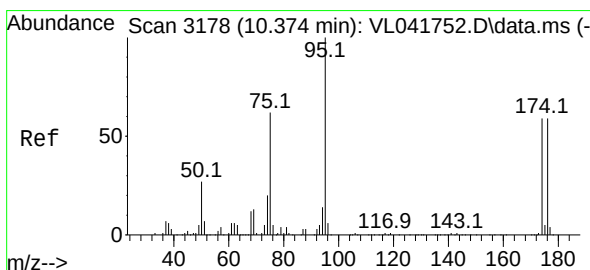
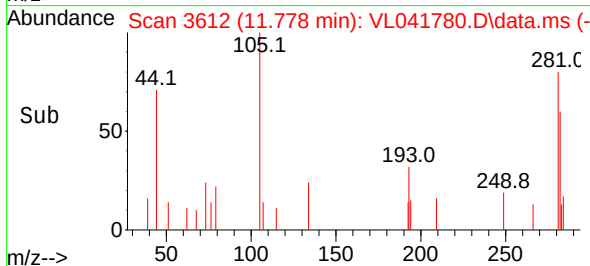
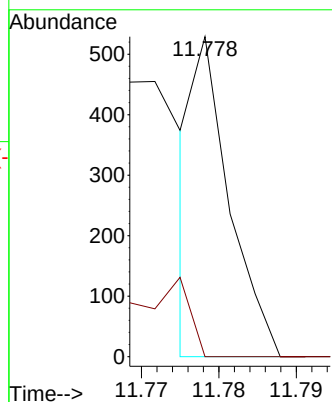
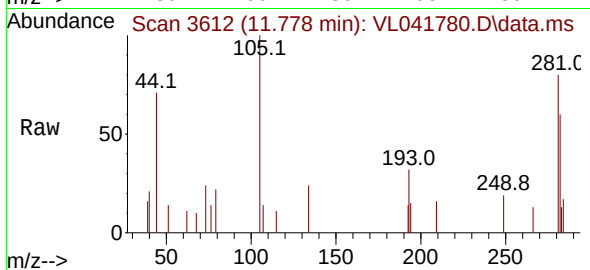
ClientSampleId :

Tgt Ion:105 Resp: 169

Ion Ratio Lower Upper

105 100

134 41.4 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.756 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

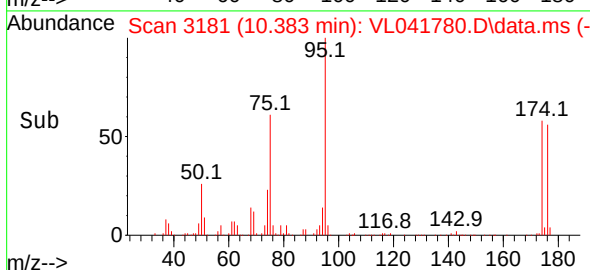
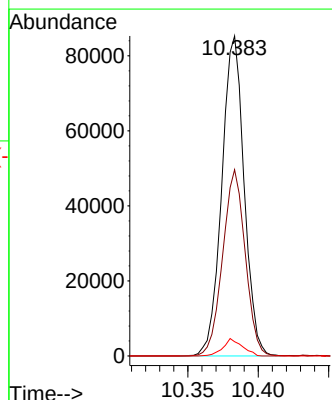
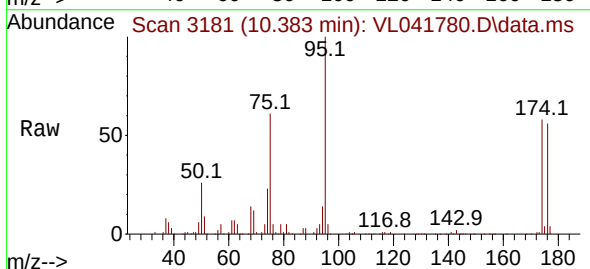
Tgt Ion: 95 Resp: 94106

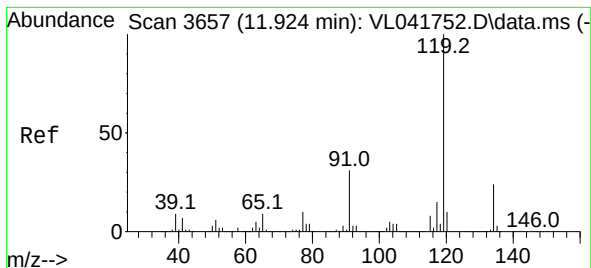
Ion Ratio Lower Upper

95 100

174 58.9 47.6 71.4

175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.017 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. 0.003 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

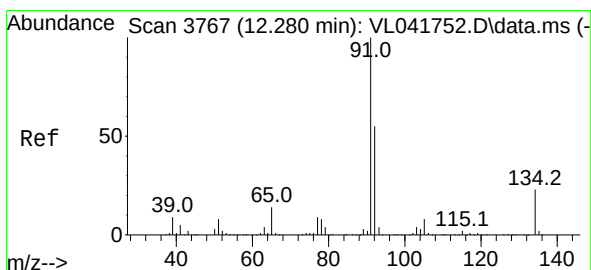
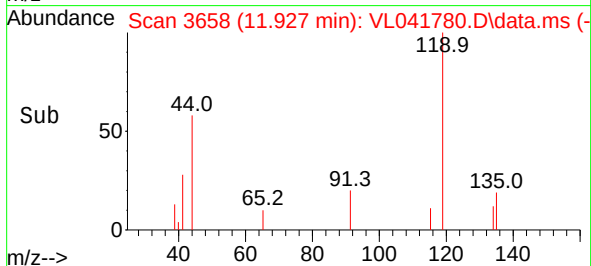
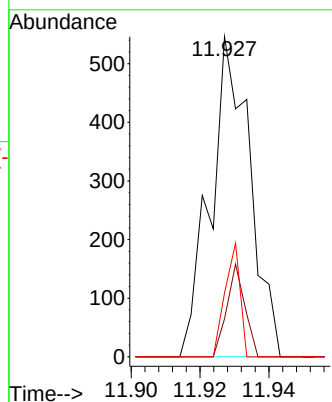
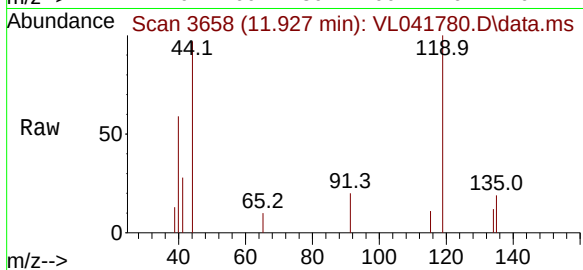
Tgt Ion:119 Resp: 434

Ion Ratio Lower Upper

119 100

134 13.1 19.6 29.4#

91 13.6 24.4 36.6#



#70

n-Butylbenzene

Concen: 0.020 ppbv

RT: 12.286 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

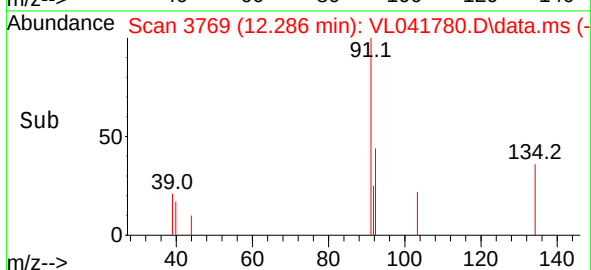
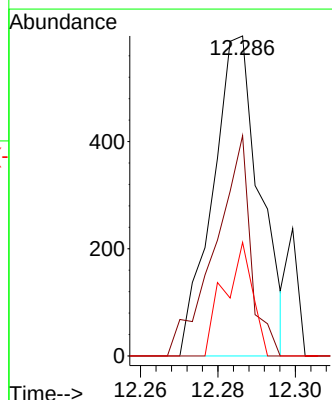
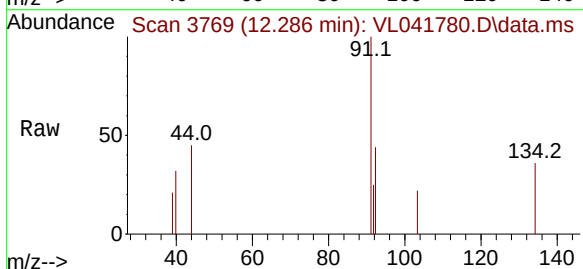
Tgt Ion: 91 Resp: 506

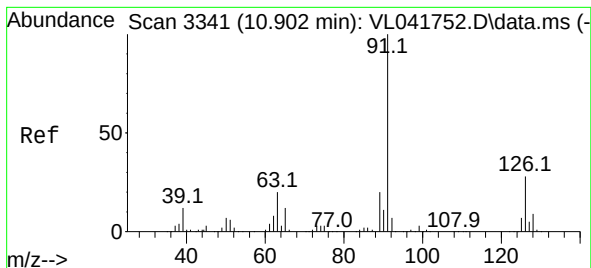
Ion Ratio Lower Upper

91 100

92 52.0 43.2 64.8

134 21.3 18.2 27.4





#71

2-Chlorotoluene

Concen: 0.023 ppbv

RT: 10.901 min Scan# 3410

Delta R.T. -0.000 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

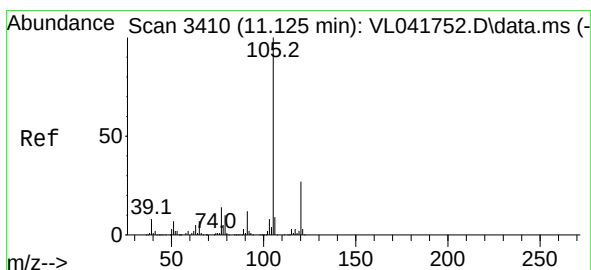
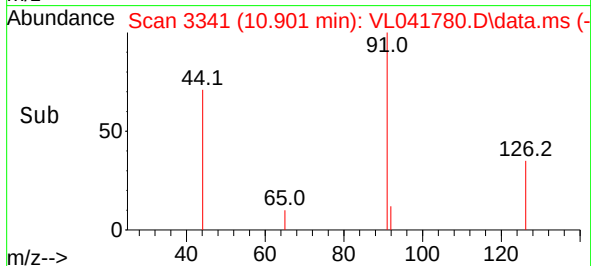
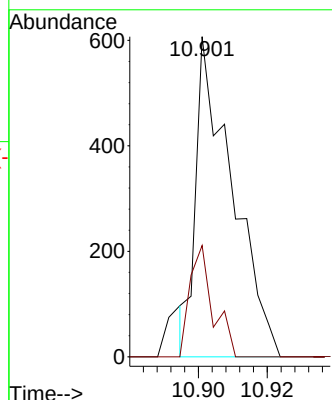
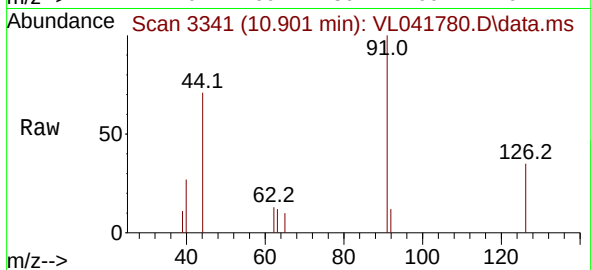
ClientSampleId :

Tgt Ion: 91 Resp: 443

Ion Ratio Lower Upper

91 100

126 22.3 11.6 46.4



#72

4-Ethyltoluene

Concen: 0.011 ppbv

RT: 11.134 min Scan# 3413

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion: 105 Resp: 227

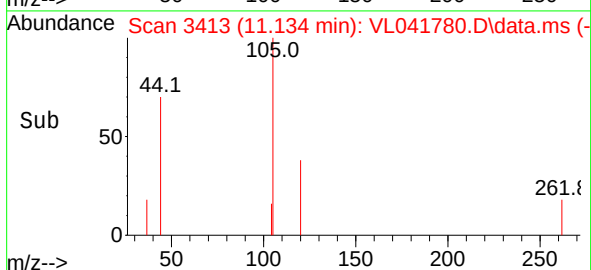
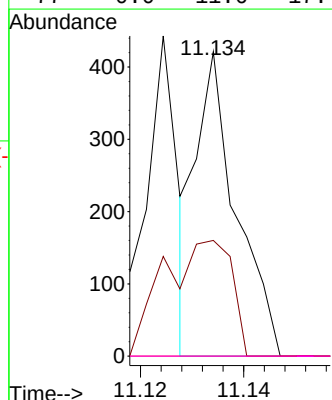
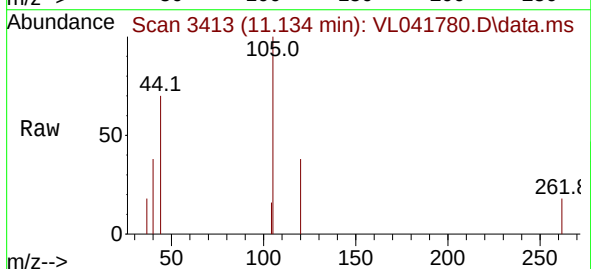
Ion Ratio Lower Upper

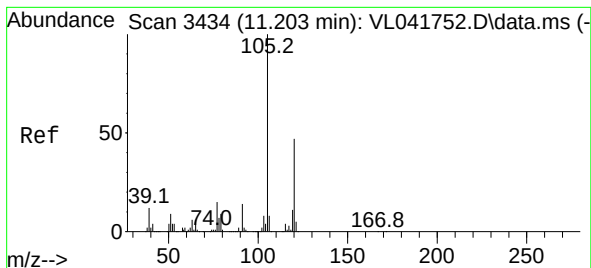
105 100

120 64.8 23.3 34.9#

91 0.0 10.9 16.3#

77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.006 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

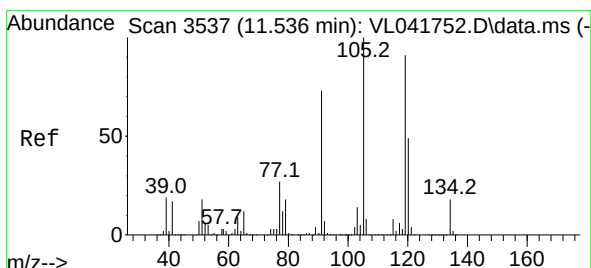
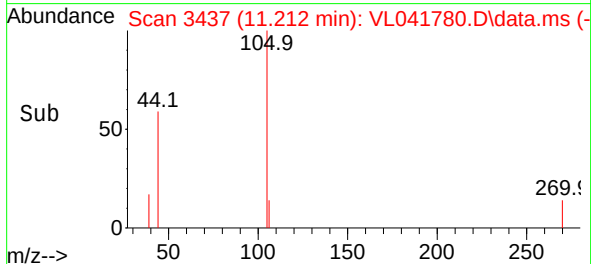
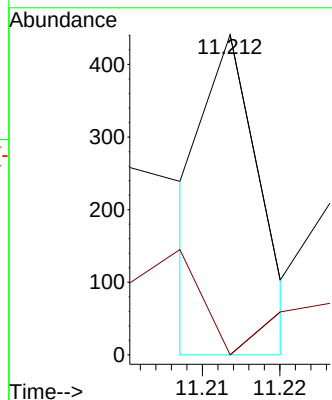
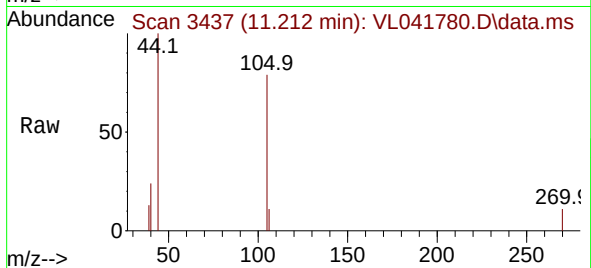
ClientSampleId :

Tgt Ion:105 Resp: 106

Ion Ratio Lower Upper

105 100

120 0.0 37.4 56.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.003 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.012 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion:105 Resp: 60

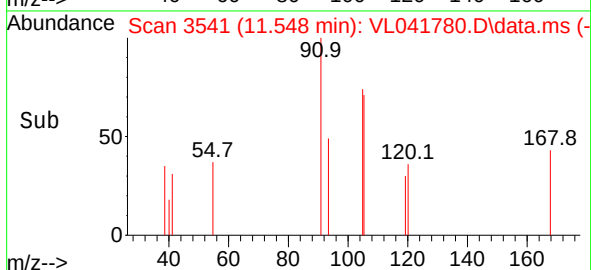
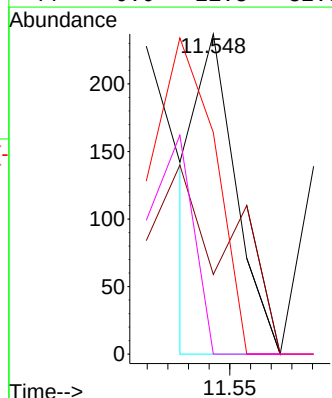
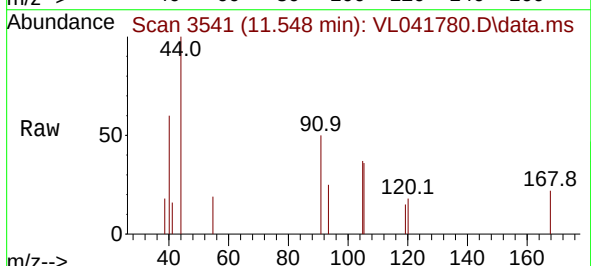
Ion Ratio Lower Upper

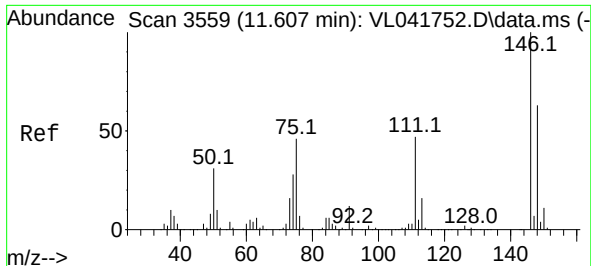
105 100

120 24.9 39.0 58.4#

91 69.2 58.1 87.1

77 0.0 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.012 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.012 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

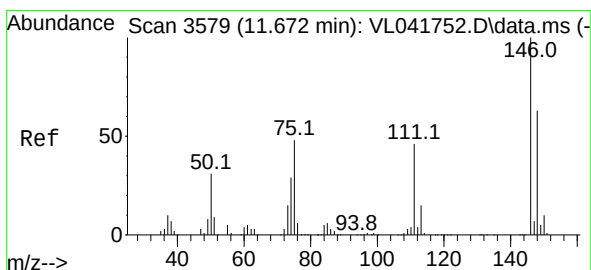
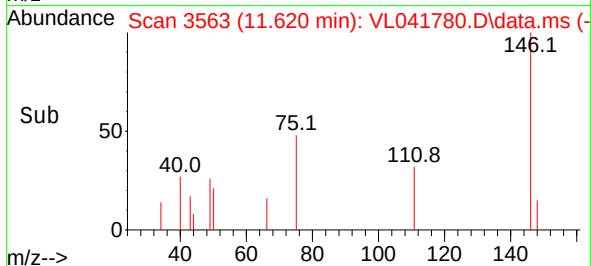
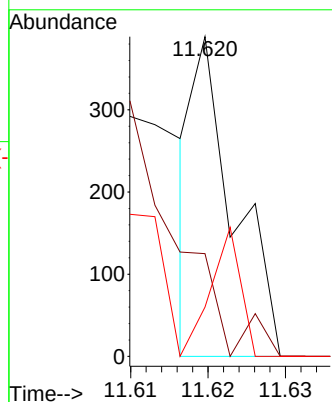
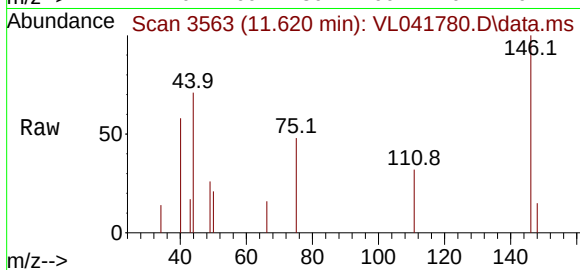
Tgt Ion:146 Resp: 140

Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 0.0 31.6 95.0#



#76

1,4-Dichlorobenzene

Concen: 0.015 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.006 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

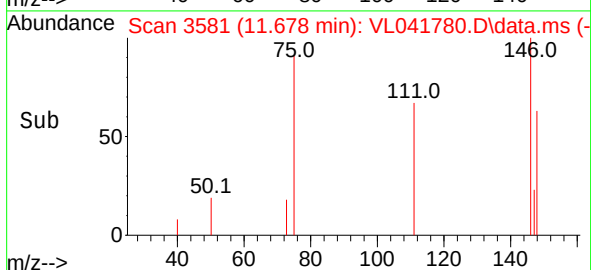
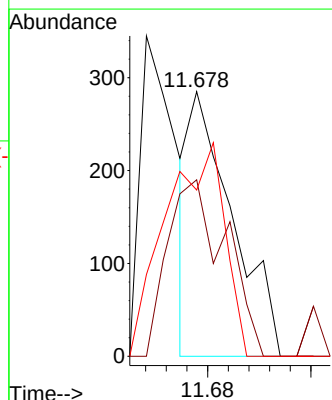
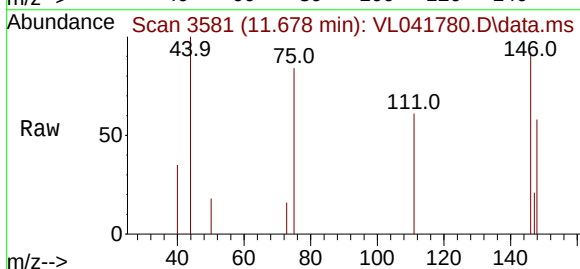
Tgt Ion:146 Resp: 165

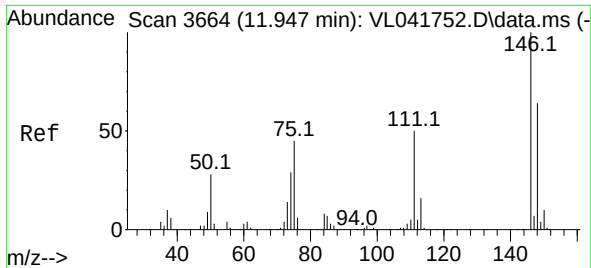
Ion Ratio Lower Upper

146 100

111 97.0 22.7 68.1#

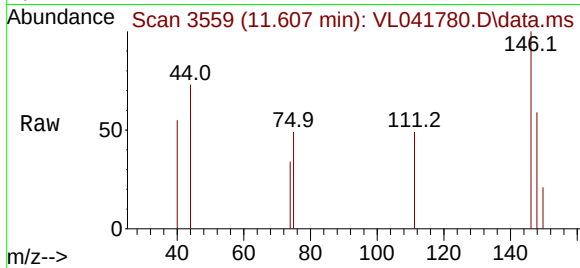
148 110.9 31.4 94.0#



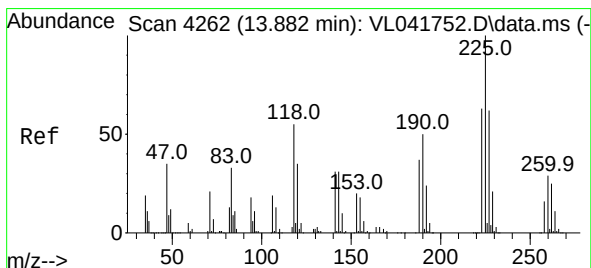
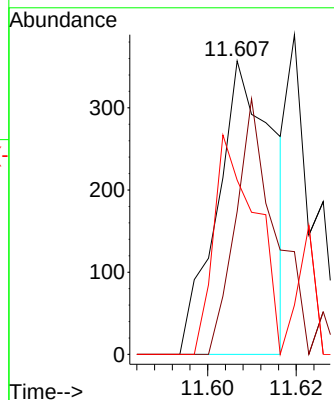
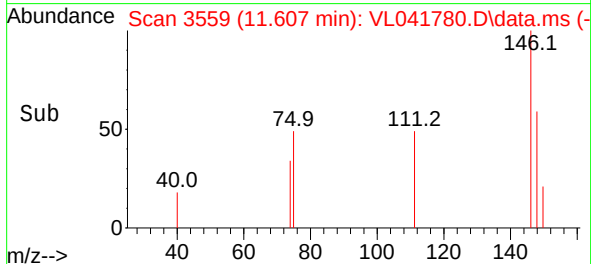


#77
1,2-Dichlorobenzene
Concen: 0.029 ppbv
RT: 11.607 min Scan# 314
Delta R.T. -0.340 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46

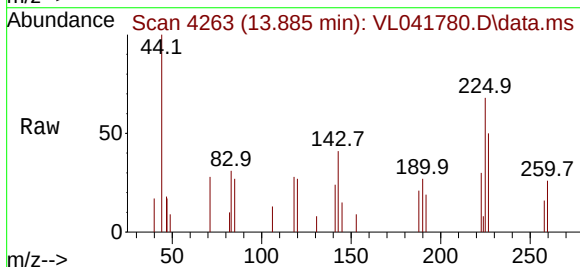
Instrument :
MSVOA_L
ClientSampleId :



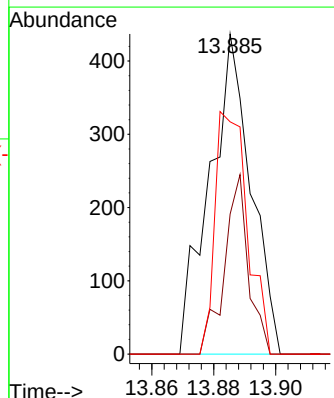
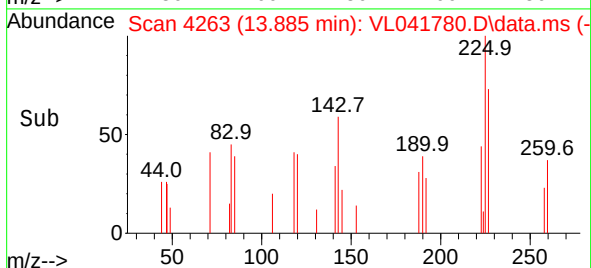
Tgt Ion:146 Resp: 314
Ion Ratio Lower Upper
146 100
111 64.6 24.8 74.3
148 69.4 31.8 95.4

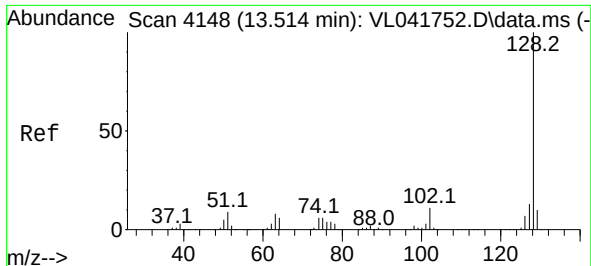


#78
Hexachloro-1,3-Butadiene
Concen: 0.050 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041780.D
Acq: 17 Dec 2024 15:46



Tgt Ion:225 Resp: 405
Ion Ratio Lower Upper
225 100
223 32.6 50.5 75.7#
227 59.3 50.3 75.5





#79

Naphthalene

Concen: 0.002 ppbv

RT: 13.529 min Scan# 4148

Delta R.T. 0.016 min

Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

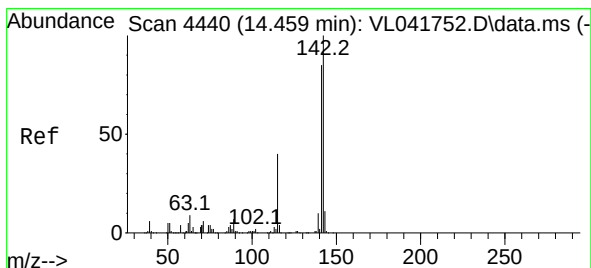
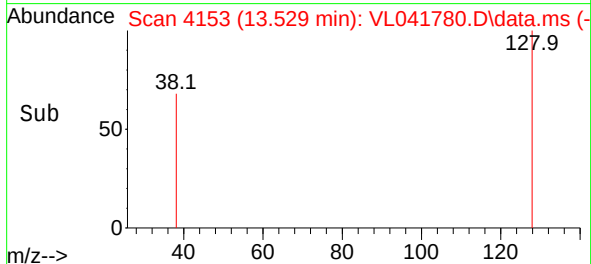
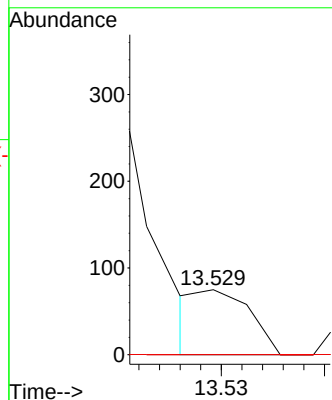
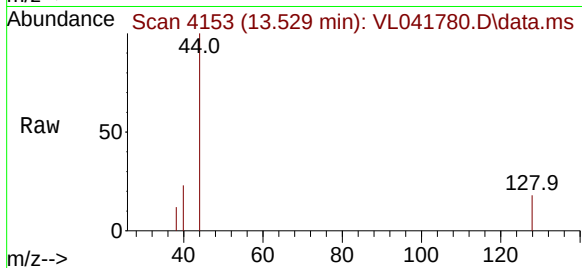
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128 Resp: 26

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.2	12.4#



#80

Naphthalene,2-methyl-

Concen: 0.023 ppbv

RT: 14.458 min Scan# 4440

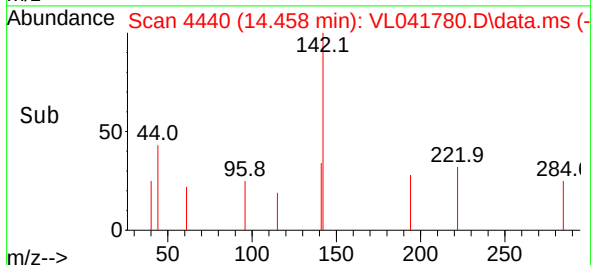
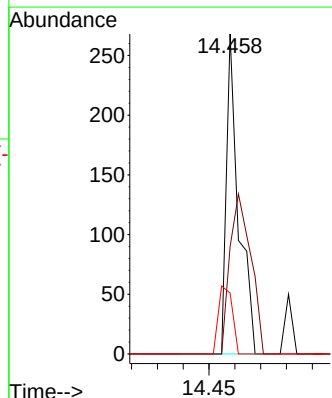
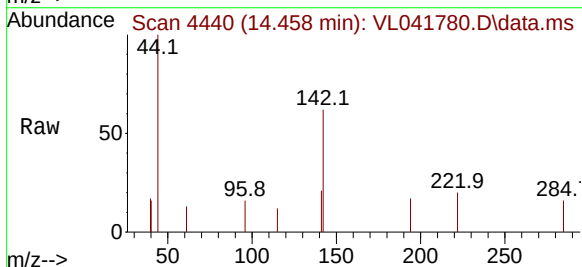
Delta R.T. -0.000 min

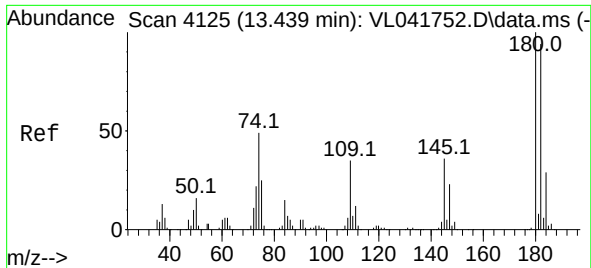
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Tgt Ion:142 Resp: 87

Ion	Ratio	Lower	Upper
142	100		
141	86.2	68.4	102.6
115	24.1	32.5	48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.038 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.009 min

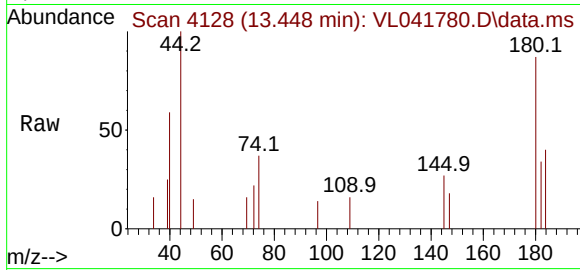
Lab File: VL041780.D

Acq: 17 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 254

Ion Ratio Lower Upper

180 100

182 104.7 77.0 115.6

184 26.4 23.8 35.8

