

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030583.D
 Acq On : 12 Oct 2024 06:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:54:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322839	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112693	22.208	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.840%			
7) Chloroethane-d5	2.899	69	101476	26.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.680%			
11) 1,1-Dichloroethene-d2	4.021	65	44459	21.064	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.240%			
21) 2-Butanone-d5	7.081	46	48744	53.376	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.760%			
24) Chloroform-d	7.654	84	234012	25.346	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	8.307	65	121367	25.280	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.120%			
32) Benzene-d6	8.276	84	430265	24.622	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.480%			
36) 1,2-Dichloropropane-d6	9.270	67	127231	24.806	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.240%			
41) Toluene-d8	10.319	98	417764	26.188	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.760%			
43) trans-1,3-Dichloroprop...	10.575	79	55844	26.002	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.000%			
47) 2-Hexanone-d5	10.922	63	41239	62.426	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.860%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102476	27.206	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	133608	25.984	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	90665	21.981	ug/L	92
3) Chloromethane	2.222	50	127412	26.578	ug/L	99
5) Vinyl chloride	2.375	62	144862	24.572	ug/L	98
6) Bromomethane	2.789	94	114363	29.472	ug/L	98
8) Chloroethane	2.936	64	96610	26.807	ug/L	98
9) Trichlorofluoromethane	3.265	101	117666	22.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107333	22.615	ug/L	99
12) 1,1-Dichloroethene	4.045	96	106780	24.653	ug/L	98
13) Acetone	4.131	43	38911	29.104	ug/L	97
14) Carbon disulfide	4.393	76	332714	23.523	ug/L	99
15) Methyl Acetate	4.673	43	44169	26.744	ug/L	98
16) Methylene chloride	4.917	84	119438	24.472	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	119134	25.490	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	186728	28.546	ug/L	98
19) 1,1-Dichloroethane	6.222	63	216517	24.925	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	136016	27.284	ug/L	94
22) 2-Butanone	7.173	43	58426	40.541	ug/L	97
23) Bromochloromethane	7.514	128	58449	26.801	ug/L	91
25) Chloroform	7.673	83	237112	25.543	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030583.D
 Acq On : 12 Oct 2024 06:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:54:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

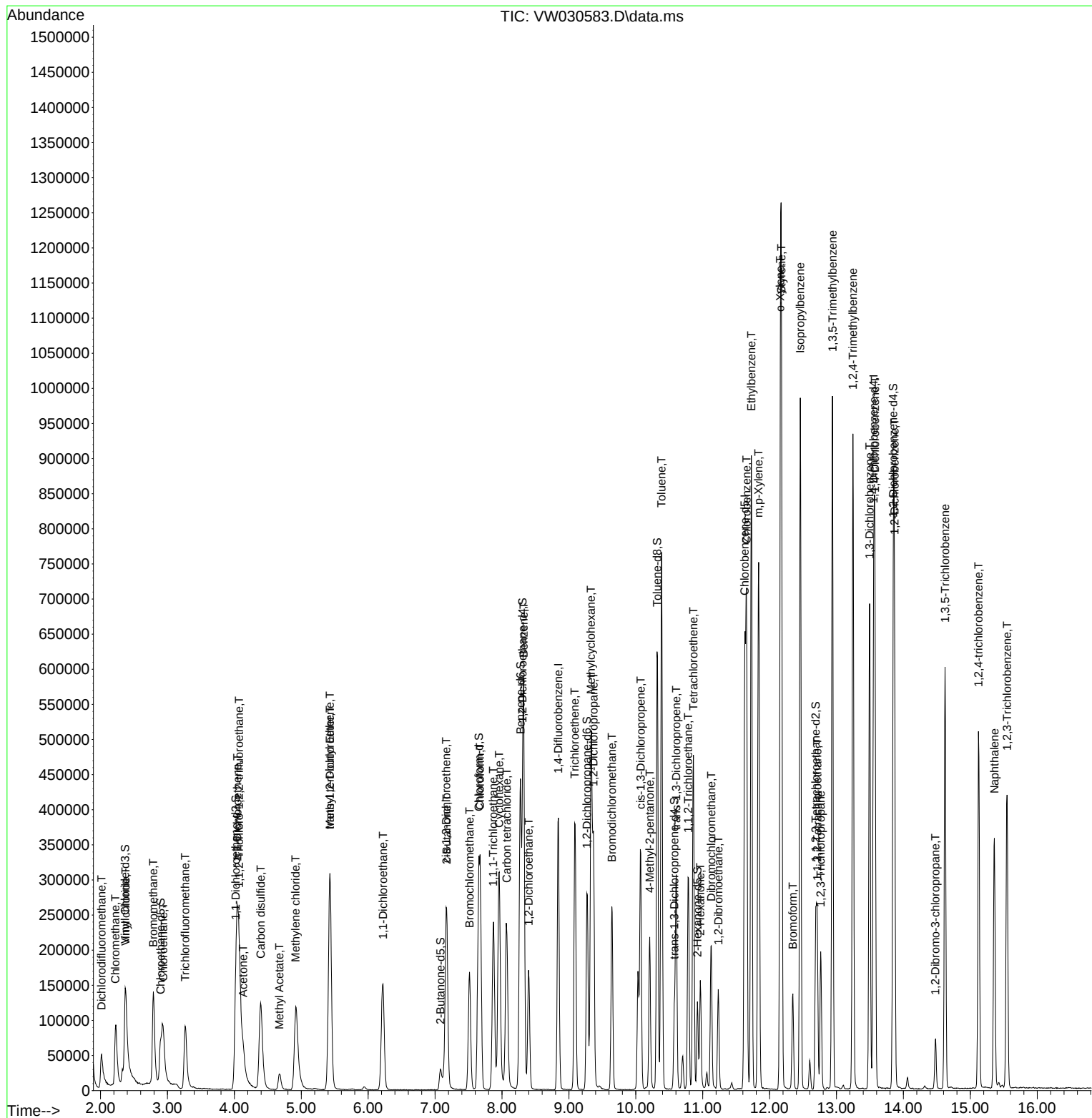
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153492	25.064	ug/L	97
29) Cyclohexane	7.959	56	178166	24.310	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	190450	23.829	ug/L	99
31) Carbon tetrachloride	8.069	117	174410	24.432	ug/L	98
33) Benzene	8.325	78	500627	25.552	ug/L	100
34) Trichloroethene	9.087	95	133599	24.510	ug/L	96
35) Methylcyclohexane	9.331	83	207303	24.166	ug/L	96
37) 1,2-Dichloropropane	9.368	63	123762	25.292	ug/L	98
38) Bromodichloromethane	9.642	83	168298	25.850	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	192932	26.139	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	134937	57.400	ug/L	98
42) Toluene	10.386	91	543026	25.979	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	162962	26.274	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	97000	27.428	ug/L	96
46) Tetrachloroethene	10.861	164	102914	25.599	ug/L	98
48) 2-Hexanone	10.965	43	91843	47.774	ug/L	99
49) Dibromochloromethane	11.129	129	105985	26.858	ug/L	99
50) 1,2-Dibromoethane	11.233	107	90967	27.566	ug/L	99
51) Chlorobenzene	11.654	112	343978	25.564	ug/L	98
52) Ethylbenzene	11.727	91	619321	25.966	ug/L	98
53) m,p-Xylene	11.837	106	235466	26.351	ug/L	94
54) o-Xylene	12.160	106	223990	27.114	ug/L	92
55) Styrene	12.178	104	393903	27.892	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	108035	27.089	ug/L	99
59) Bromoform	12.349	173	57338	26.855	ug/L	100
60) Isopropylbenzene	12.458	105	611925	26.002	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	75456	25.517	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	503133	27.099	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	484591	26.657	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	269348	26.294	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	270616	25.585	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	235792	26.158	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17051	25.860	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	173662	25.708	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	143805	26.444	ug/L	93
71) Naphthalene	15.360	128	299373	31.864	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136862	29.031	ug/L	99

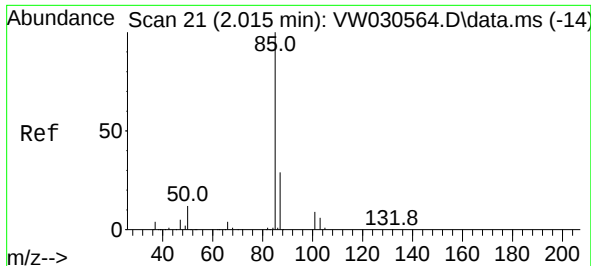
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030583.D
Acq On : 12 Oct 2024 06:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 14 04:54:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 04:33:53 2024
Response via : Initial Calibration

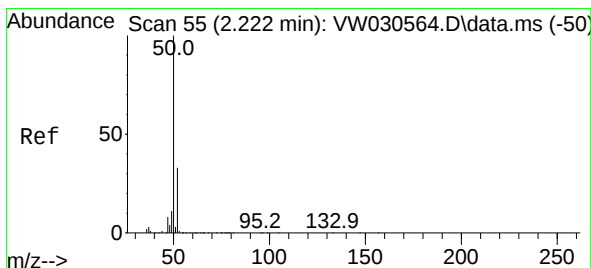
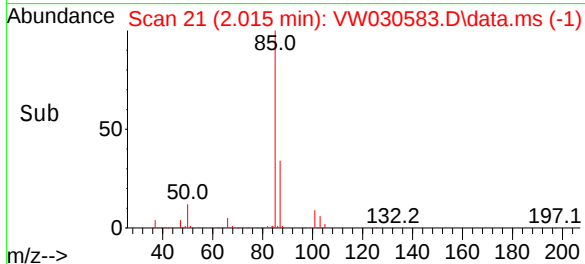
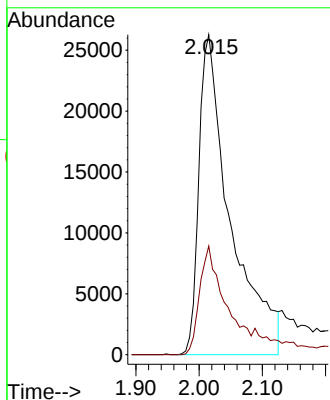
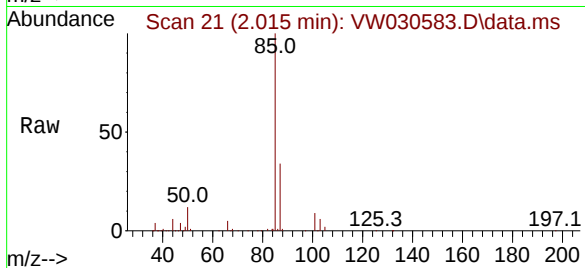




#2
 Dichlorodifluoromethane
 Concen: 21.981 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

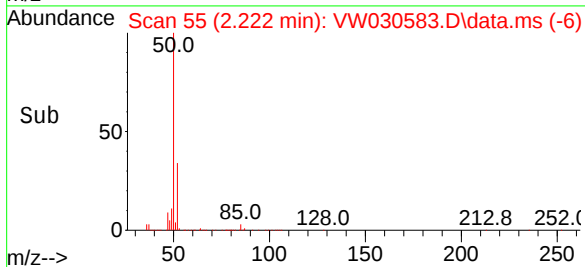
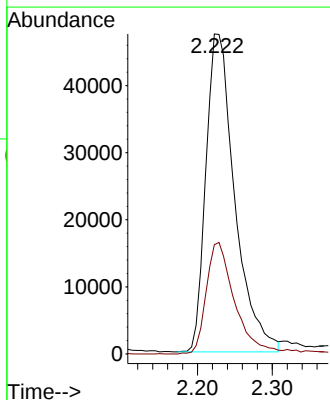
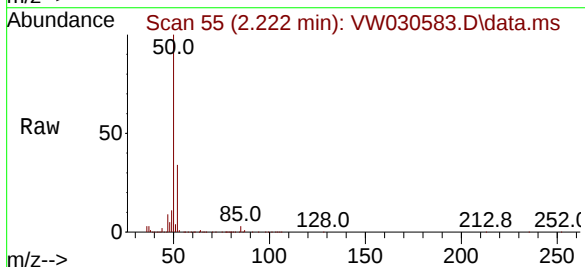
Instrument :
 MSVOA_W
 ClientSampleId :

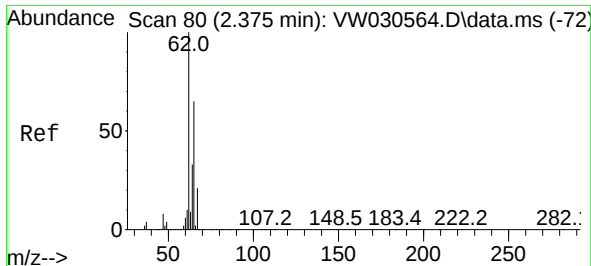
Tgt Ion: 85 Resp: 90665
 Ion Ratio Lower Upper
 85 100
 87 25.6 23.8 35.6



#3
 Chloromethane
 Concen: 26.578 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

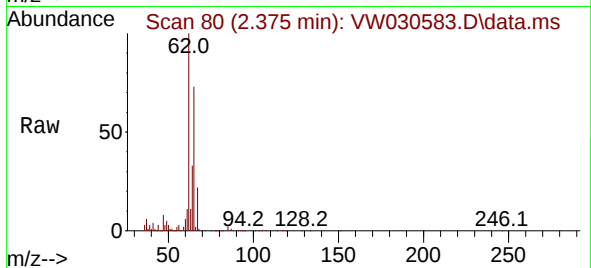
Tgt Ion: 50 Resp: 127412
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9



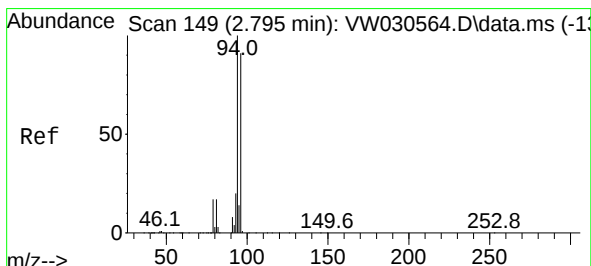
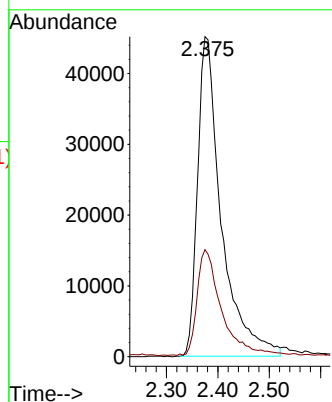
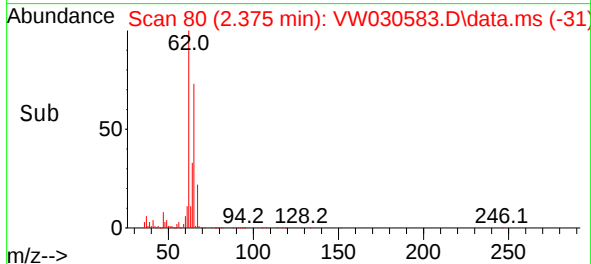


#5
 Vinyl chloride
 Concen: 24.572 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

Instrument :
 MSVOA_W
 ClientSampleId :

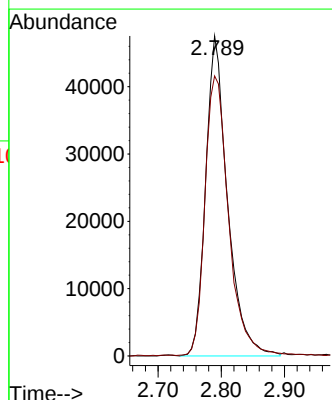
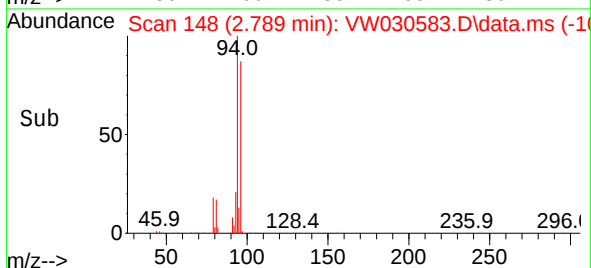
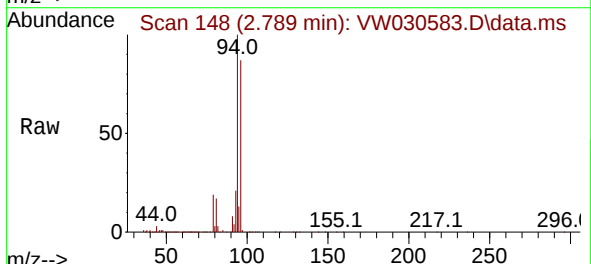


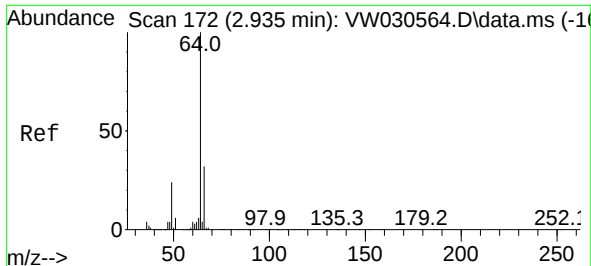
Tgt Ion: 62 Resp: 144862
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.6 42.0



#6
 Bromomethane
 Concen: 29.472 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

Tgt Ion: 94 Resp: 114363
 Ion Ratio Lower Upper
 94 100
 96 87.5 62.6 116.2

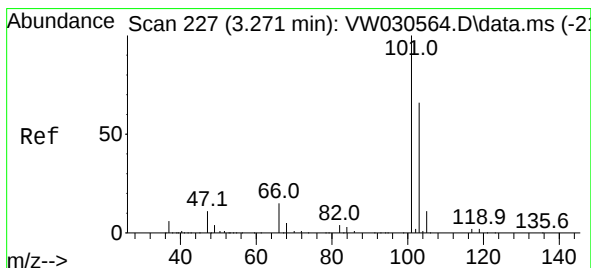
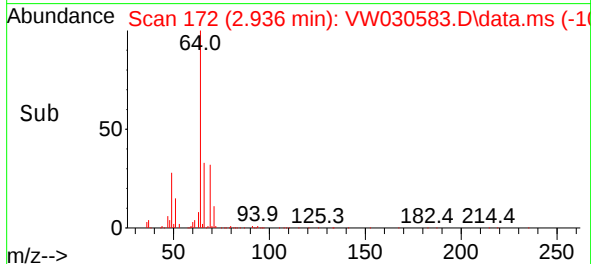
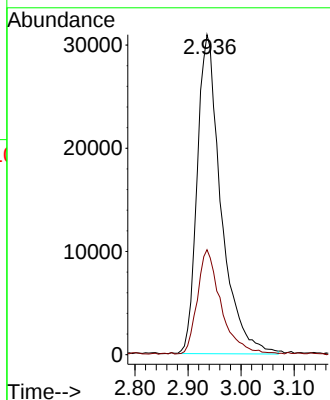
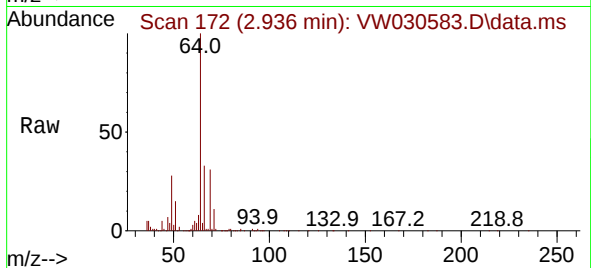




#8
Chloroethane
Concen: 26.807 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

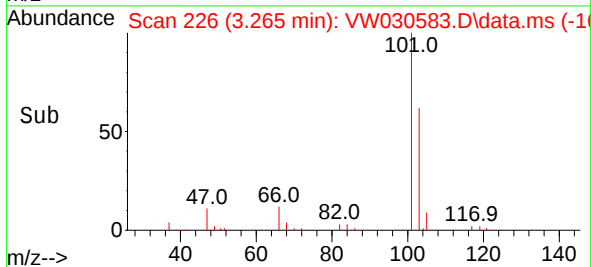
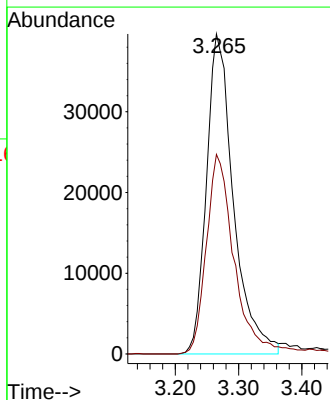
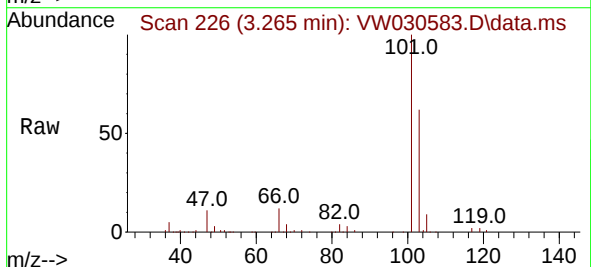
Instrument :
MSVOA_W
ClientSampleId :

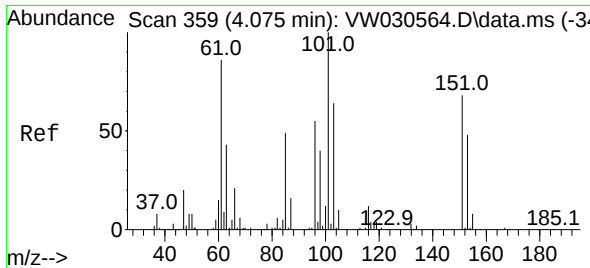
Tgt Ion: 64 Resp: 96610
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.306 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion:101 Resp: 117666
Ion Ratio Lower Upper
101 100
103 64.5 51.1 76.7

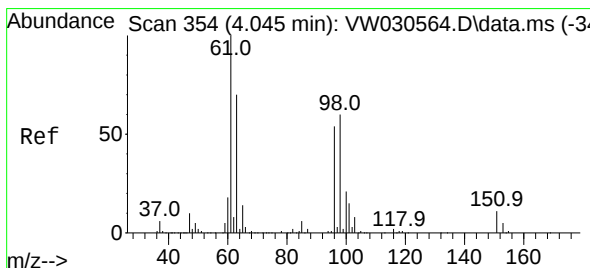
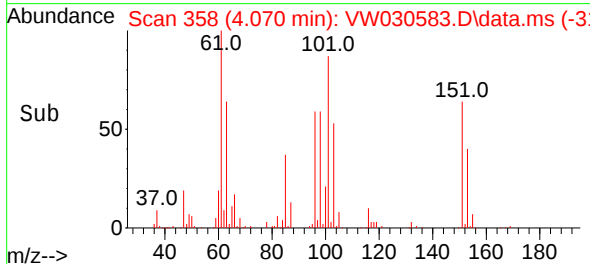
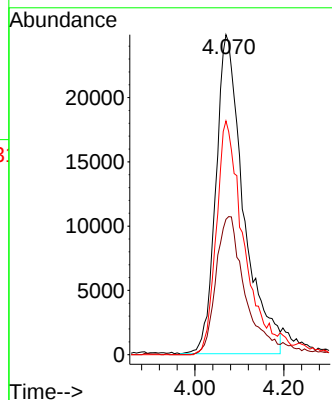
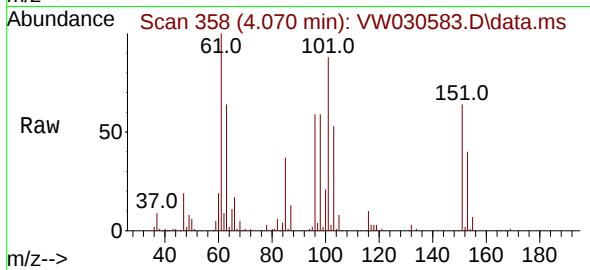




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.615 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

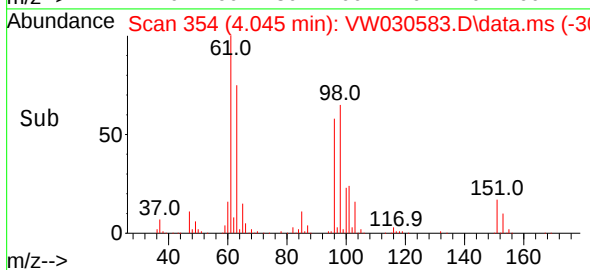
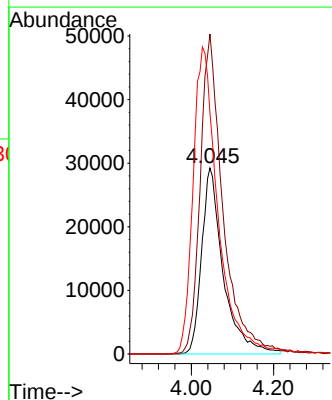
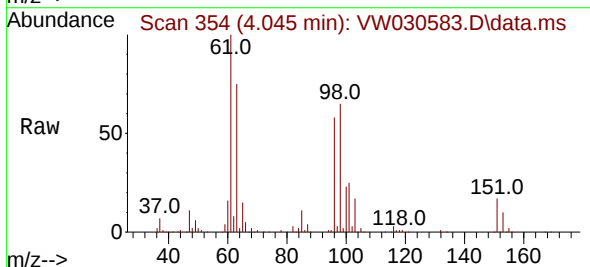
Instrument :
MSVOA_W
ClientSampleId :

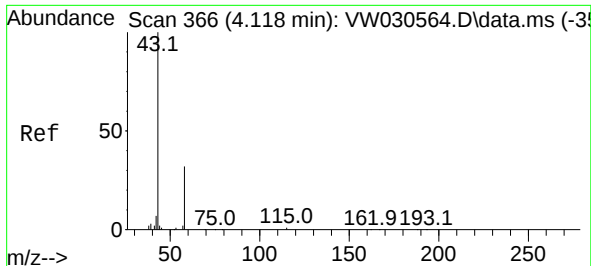
Tgt Ion:101 Resp: 107333
Ion Ratio Lower Upper
101 100
85 45.2 35.7 53.5
151 69.8 56.1 84.1



#12
1,1-Dichloroethene
Concen: 24.653 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion: 96 Resp: 106780
Ion Ratio Lower Upper
96 100
61 172.1 121.3 225.3
63 129.7 87.6 162.8





#13

Acetone

Concen: 29.104 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.013 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

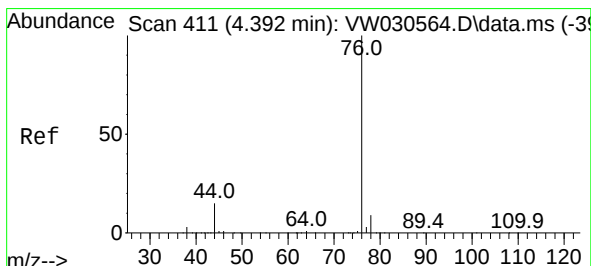
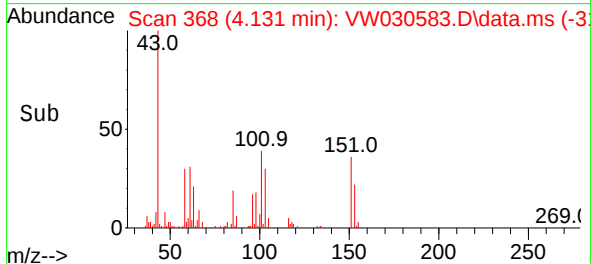
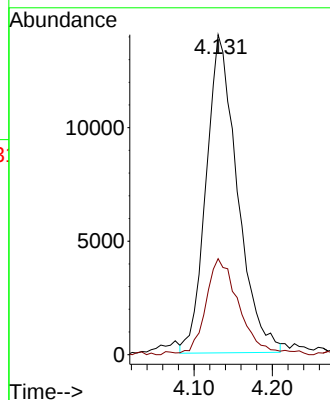
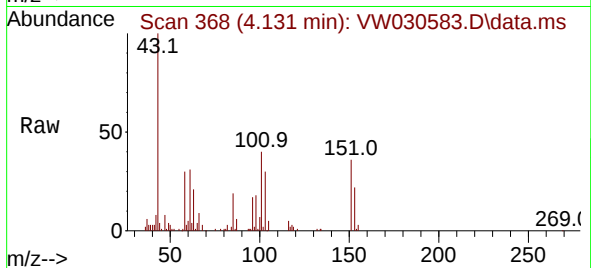
ClientSampleId :

Tgt Ion: 43 Resp: 38911

Ion Ratio Lower Upper

43 100

58 30.6 0.0 57.6



#14

Carbon disulfide

Concen: 23.523 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW030583.D

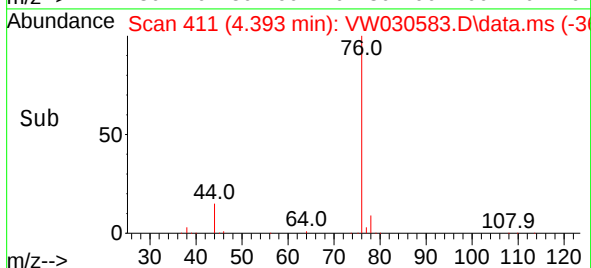
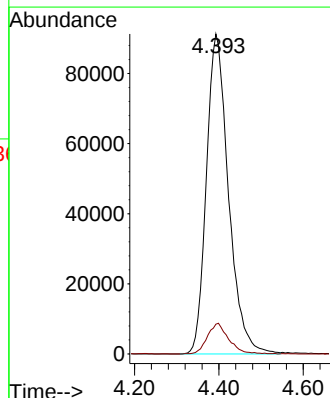
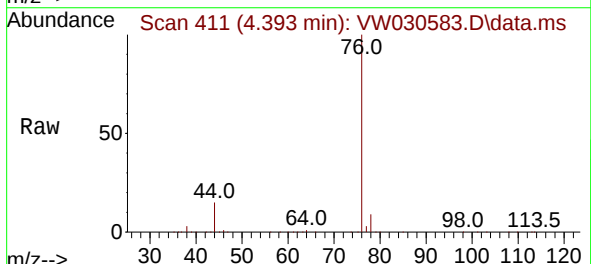
Acq: 12 Oct 2024 06:26

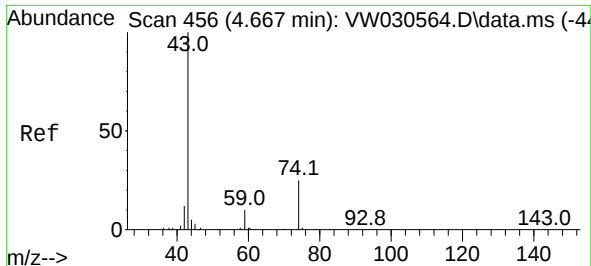
Tgt Ion: 76 Resp: 332714

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 26.744 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

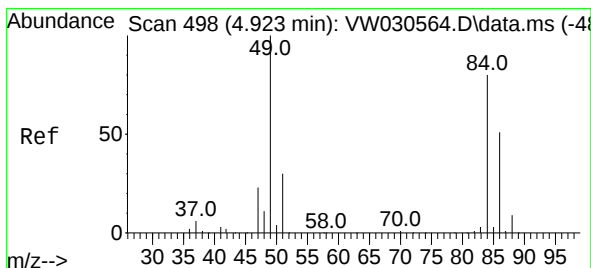
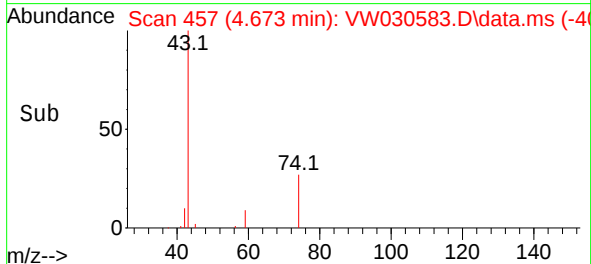
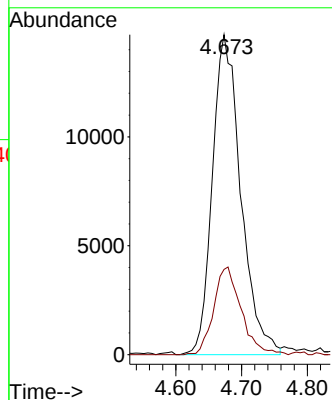
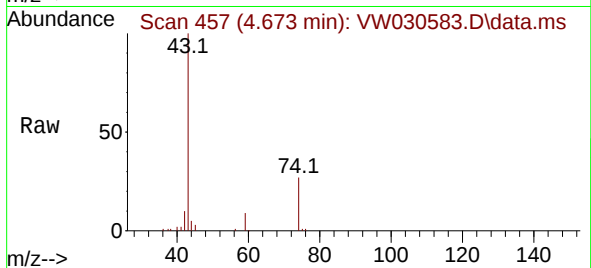
ClientSampleId :

Tgt Ion: 43 Resp: 44169

Ion Ratio Lower Upper

43 100

74 25.1 19.3 28.9



#16

Methylene chloride

Concen: 24.472 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

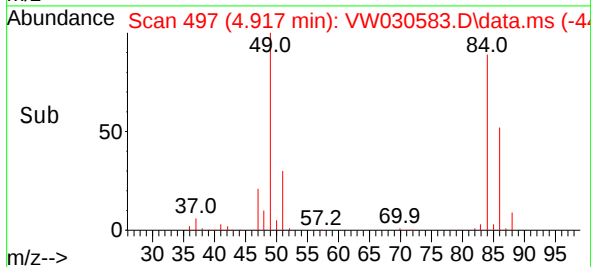
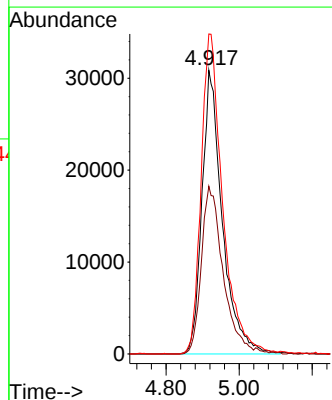
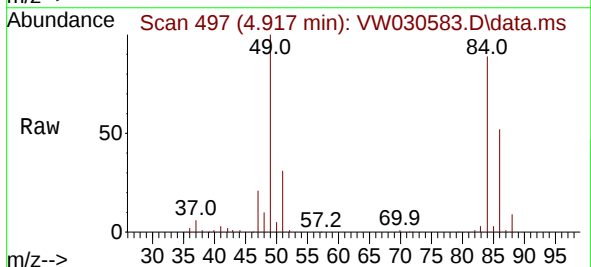
Tgt Ion: 84 Resp: 119438

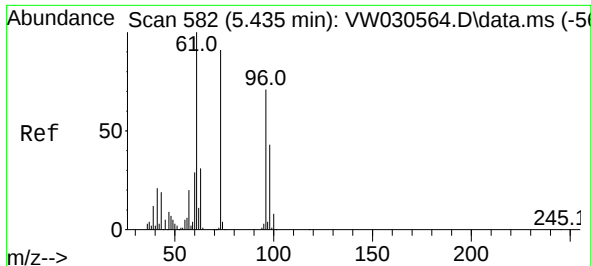
Ion Ratio Lower Upper

84 100

86 59.1 43.8 81.3

49 112.8 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 25.490 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

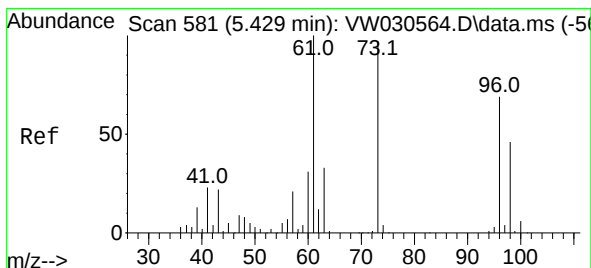
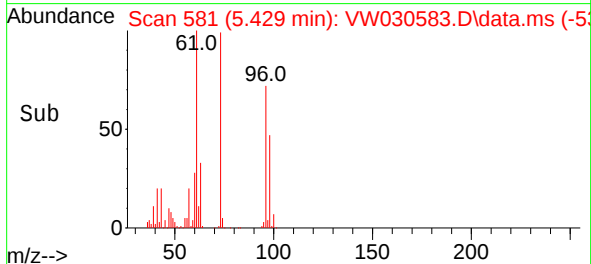
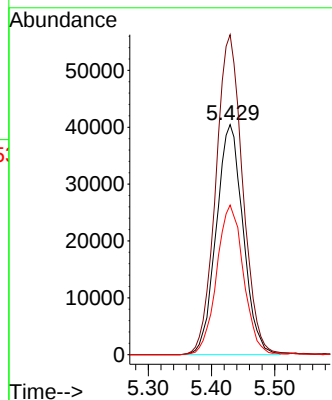
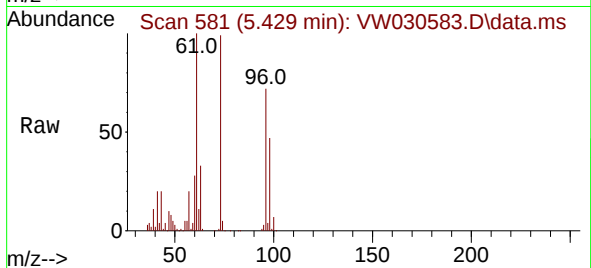
Tgt Ion: 96 Resp: 119134

Ion Ratio Lower Upper

96 100

61 139.1 96.9 179.9

98 65.0 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 28.546 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

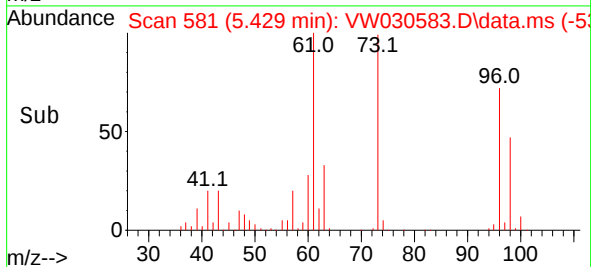
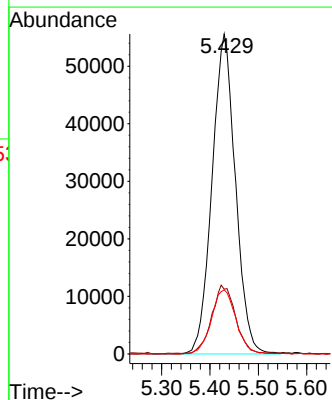
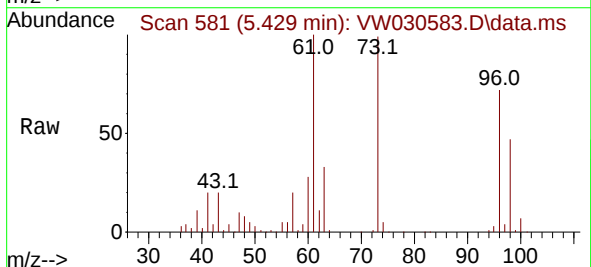
Tgt Ion: 73 Resp: 186728

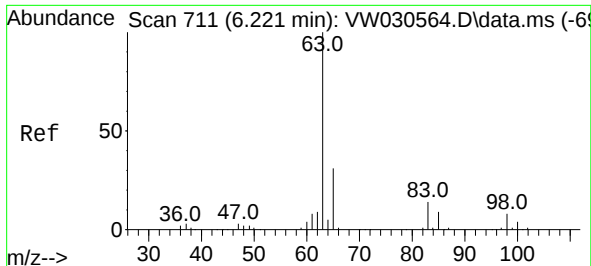
Ion Ratio Lower Upper

73 100

43 21.6 18.1 27.1

57 21.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 24.925 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

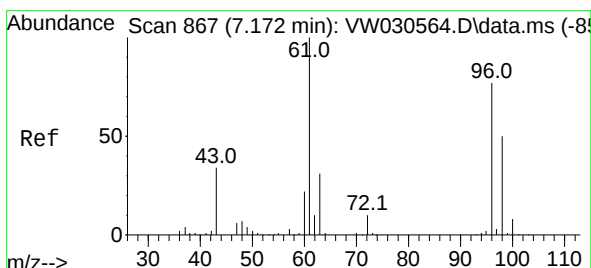
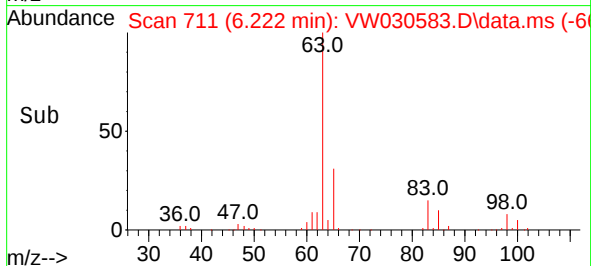
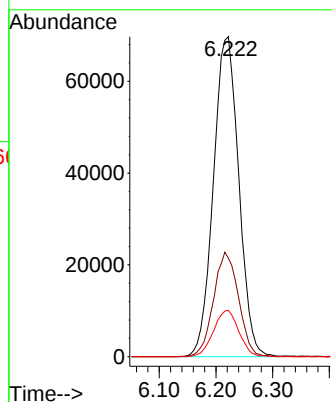
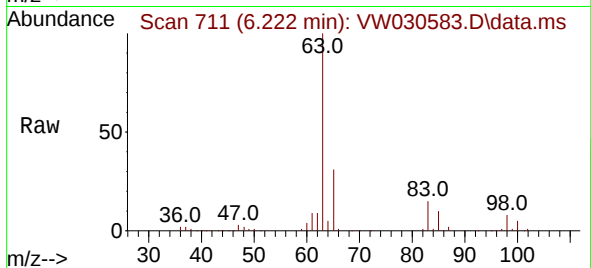
Tgt Ion: 63 Resp: 216517

Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.9

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 27.284 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

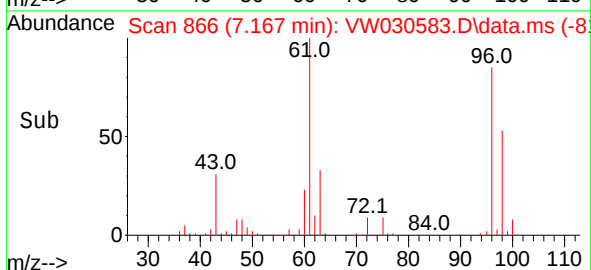
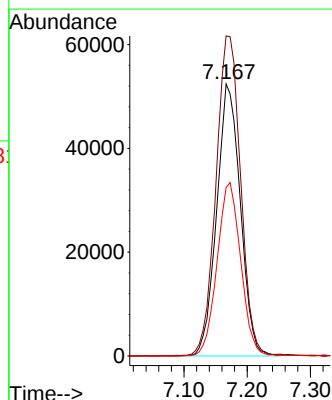
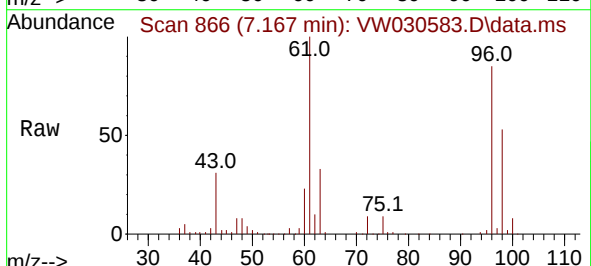
Tgt Ion: 96 Resp: 136016

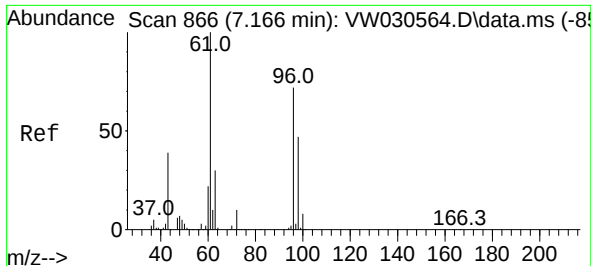
Ion Ratio Lower Upper

96 100

61 117.7 88.3 163.9

98 62.0 41.3 76.7

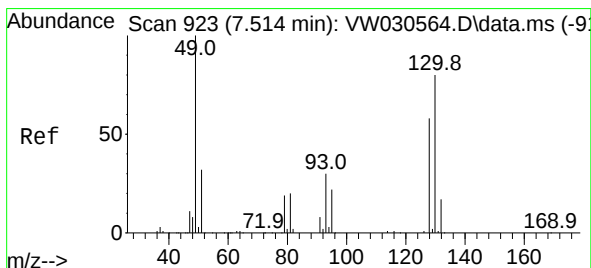
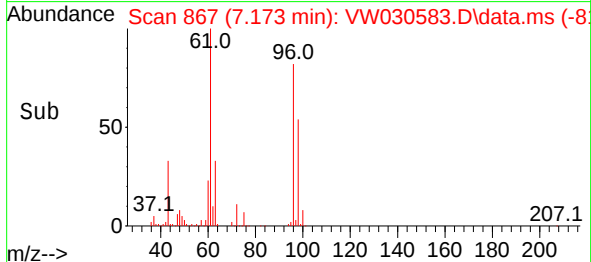
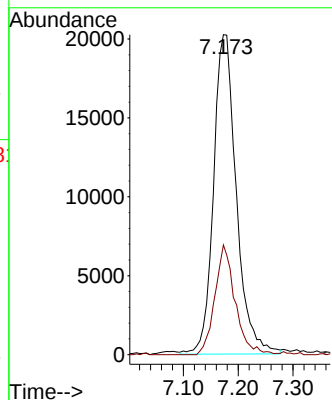
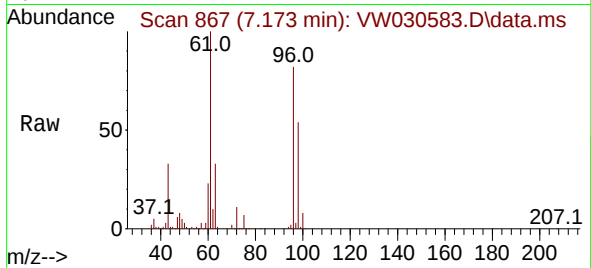




#22
2-Butanone
Concen: 40.541 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

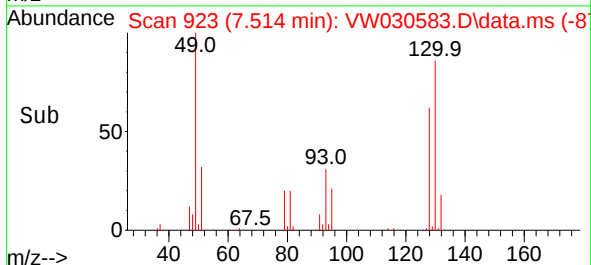
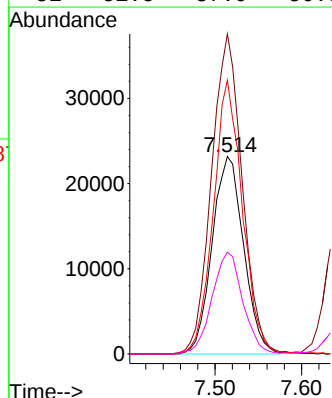
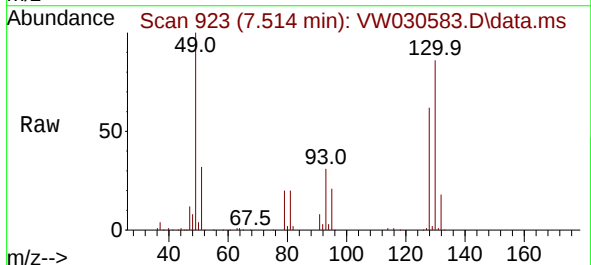
Instrument :
MSVOA_W
ClientSampleId :

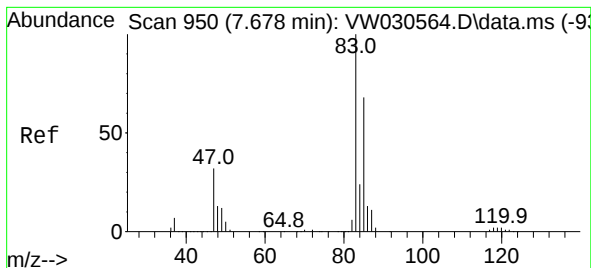
Tgt Ion: 43 Resp: 58426
Ion Ratio Lower Upper
43 100
72 30.2 14.4 43.0



#23
Bromochloromethane
Concen: 26.801 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion: 128 Resp: 58449
Ion Ratio Lower Upper
128 100
49 162.1 110.1 204.5
130 138.7 82.9 153.9
51 51.5 37.9 56.9





#25

Chloroform

Concen: 25.543 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

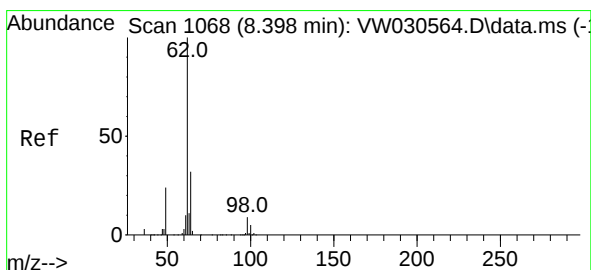
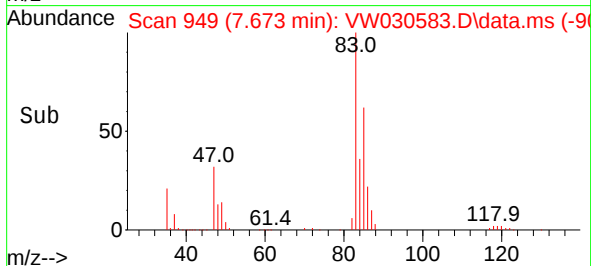
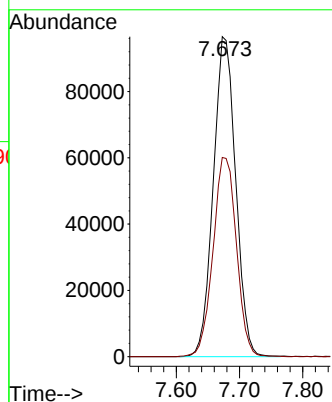
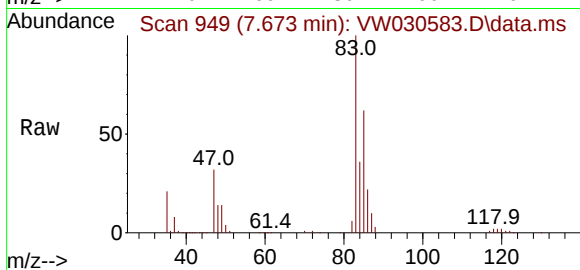
ClientSampleId :

Tgt Ion: 83 Resp: 237112

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.064 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030583.D

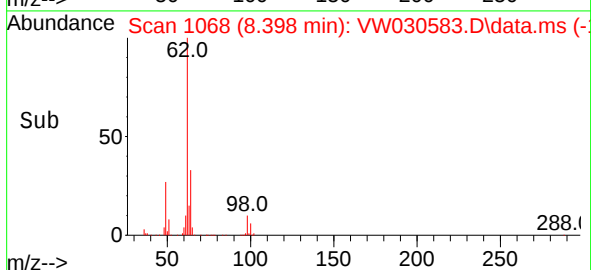
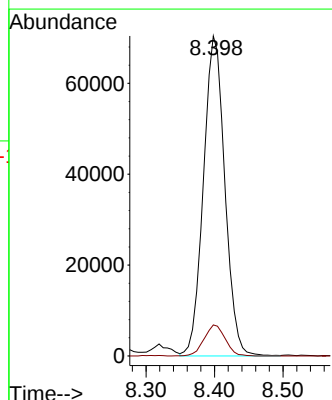
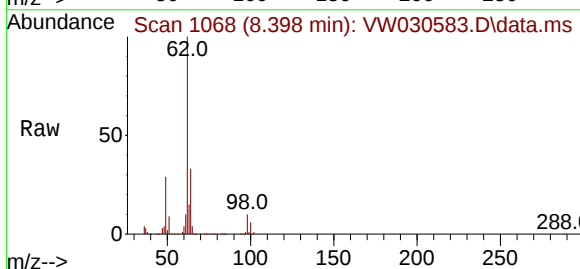
Acq: 12 Oct 2024 06:26

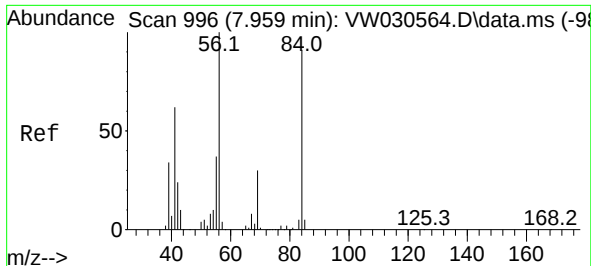
Tgt Ion: 62 Resp: 153492

Ion Ratio Lower Upper

62 100

98 9.7 7.0 10.6





#29

Cyclohexane

Concen: 24.310 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

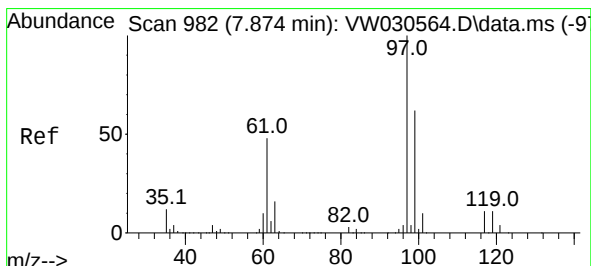
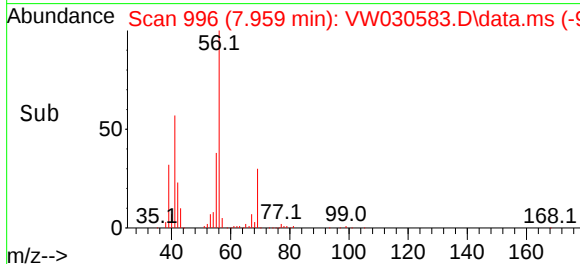
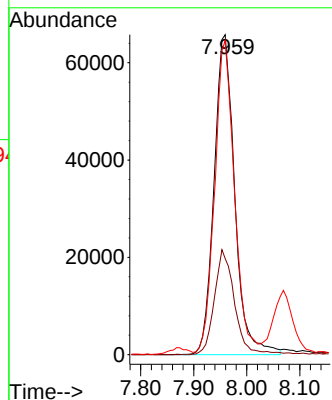
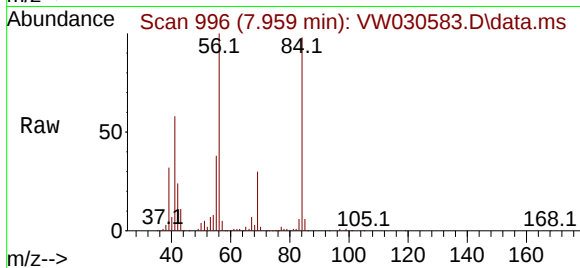
Tgt Ion: 56 Resp: 178166

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

84 93.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 23.829 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

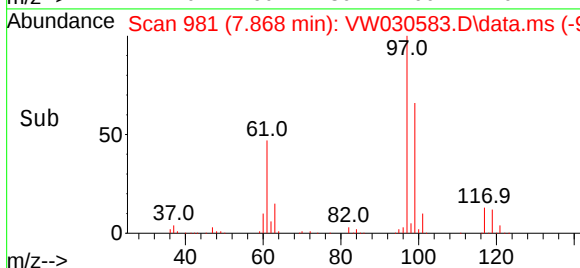
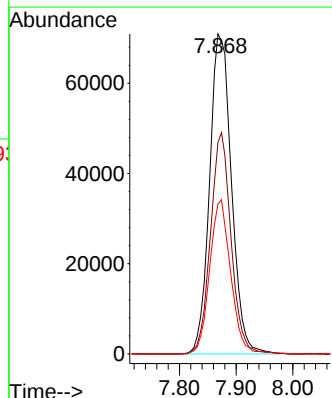
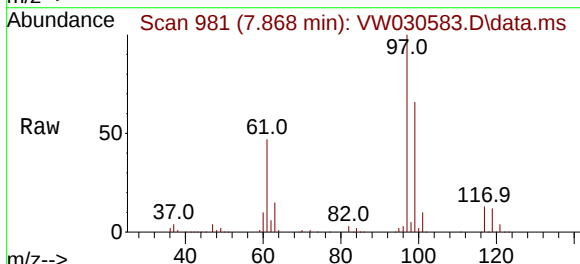
Tgt Ion: 97 Resp: 190450

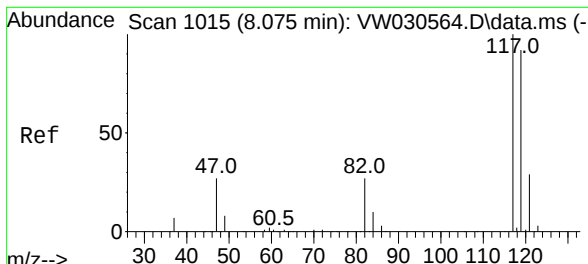
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 46.2 38.5 57.7

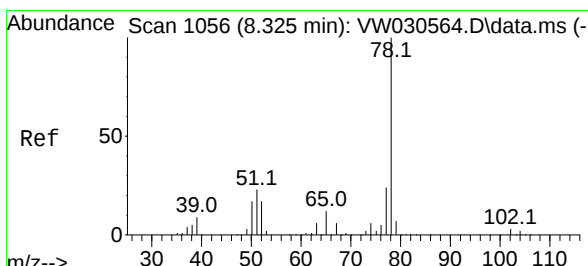
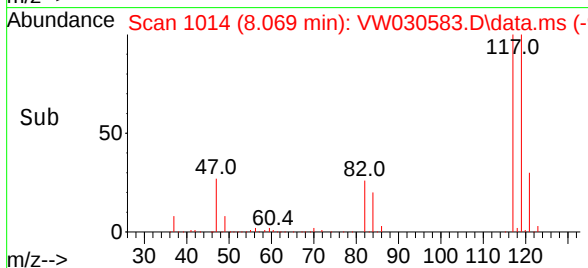
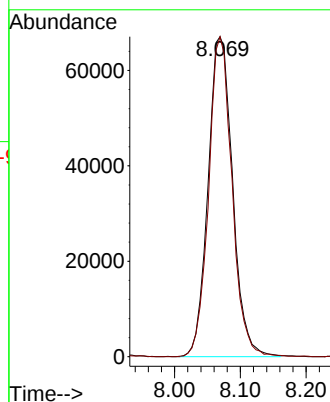
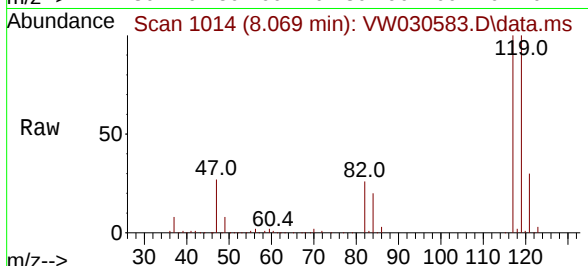




#31
Carbon tetrachloride
Concen: 24.432 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

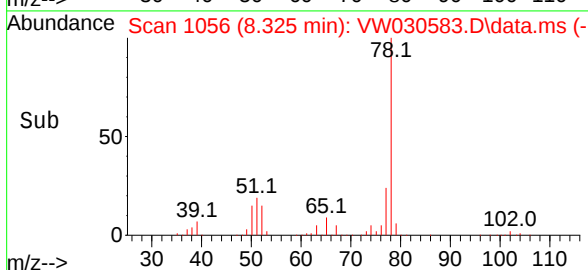
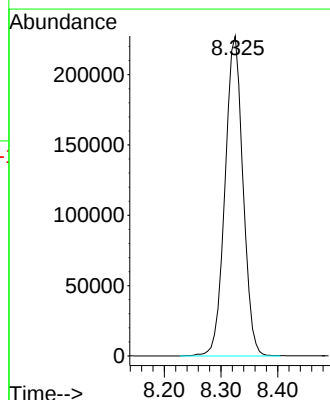
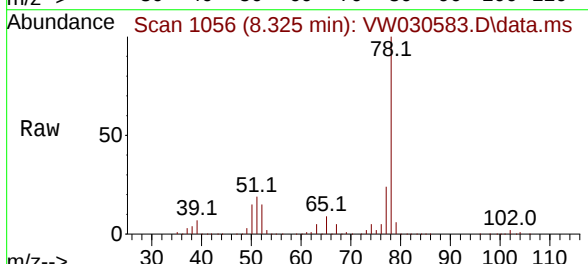
Instrument :
MSVOA_W
ClientSampleId :

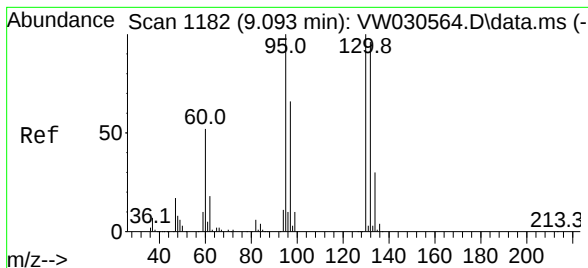
Tgt Ion:117 Resp: 174410
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.8



#33
Benzene
Concen: 25.552 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion: 78 Resp: 500627





#34

Trichloroethene

Concen: 24.510 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 133599

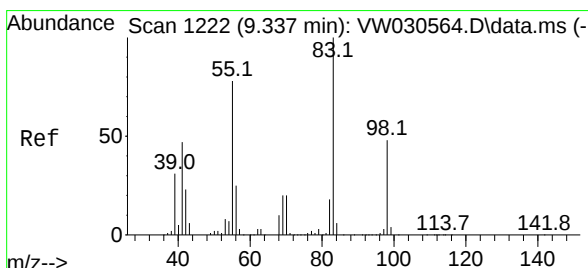
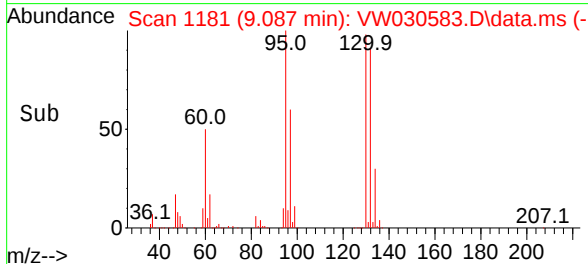
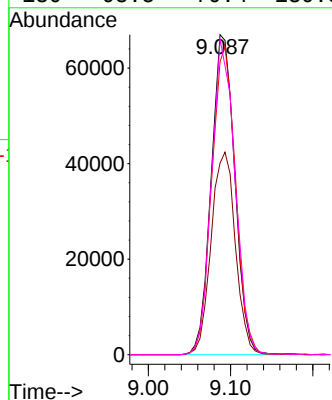
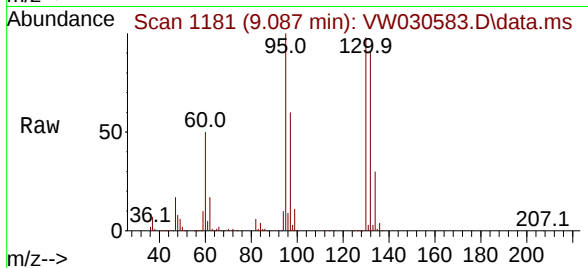
Ion Ratio Lower Upper

95 100

97 59.9 45.9 85.3

132 91.5 66.4 123.2

130 98.5 70.4 130.8



#35

Methylcyclohexane

Concen: 24.166 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

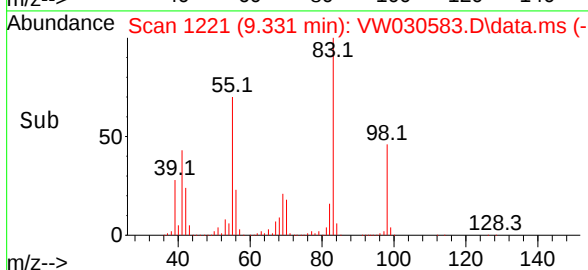
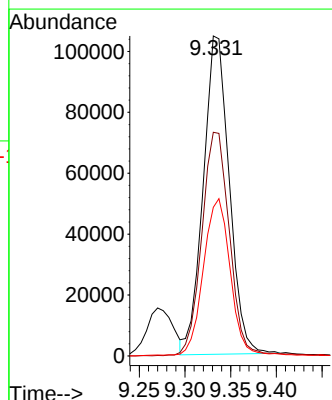
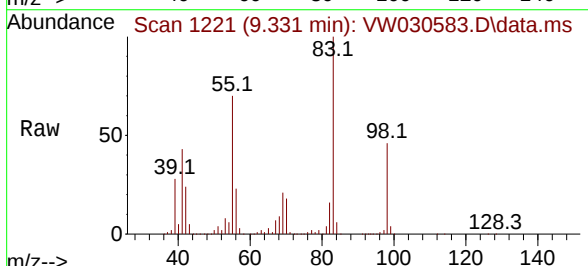
Tgt Ion: 83 Resp: 207303

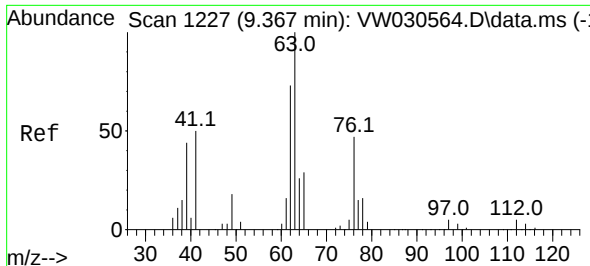
Ion Ratio Lower Upper

83 100

55 74.0 61.8 92.8

98 51.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 25.292 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

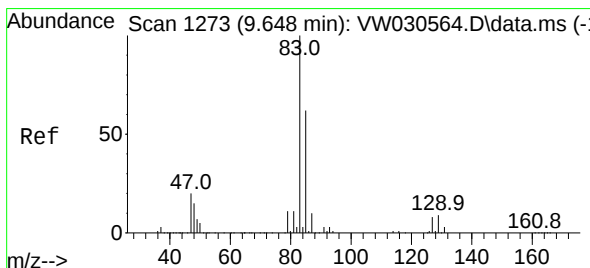
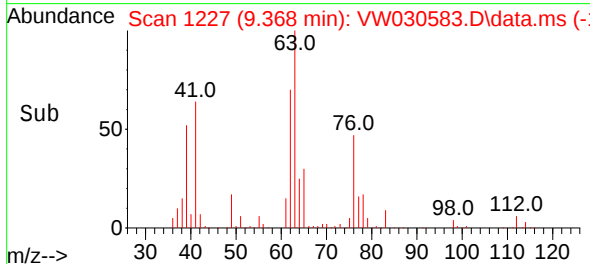
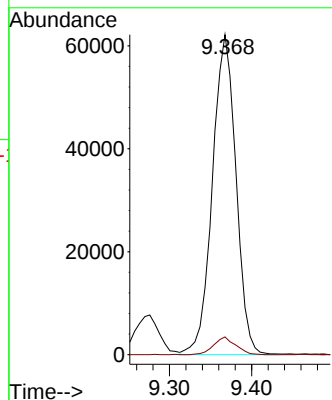
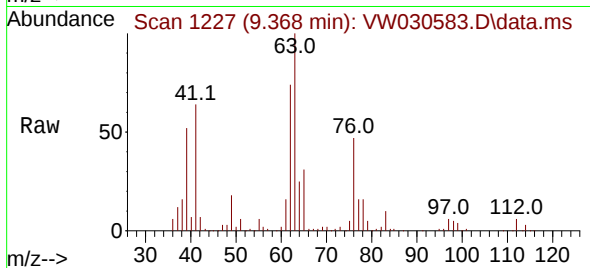
ClientSampleId :

Tgt Ion: 63 Resp: 123762

Ion Ratio Lower Upper

63 100

112 5.2 3.7 5.5



#38

Bromodichloromethane

Concen: 25.850 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

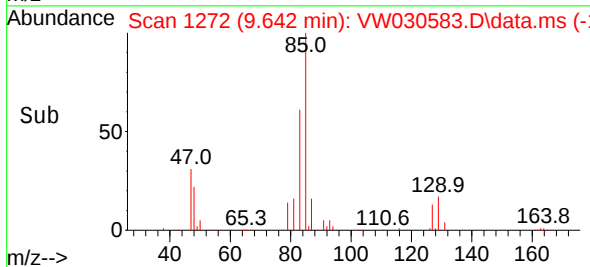
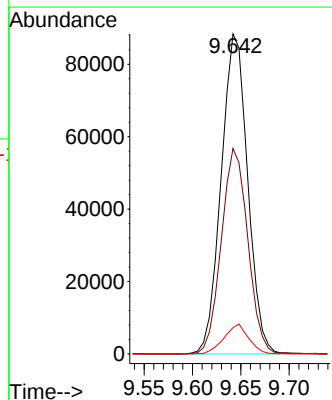
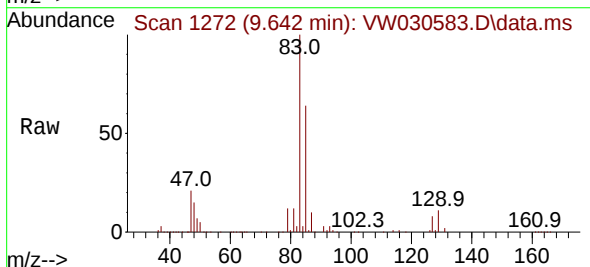
Tgt Ion: 83 Resp: 168298

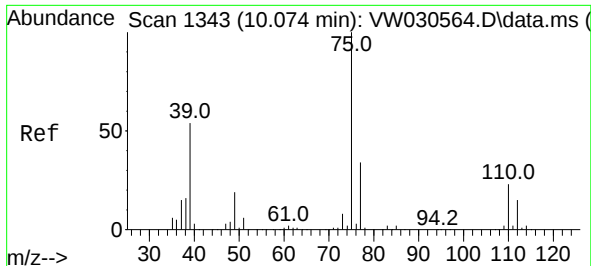
Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.0

127 8.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.139 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

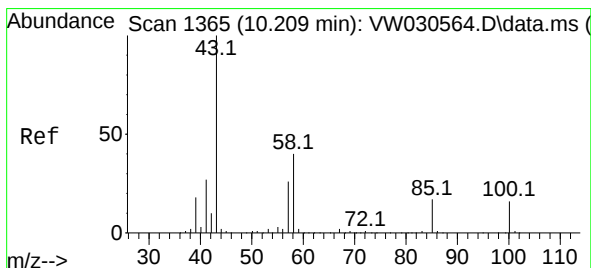
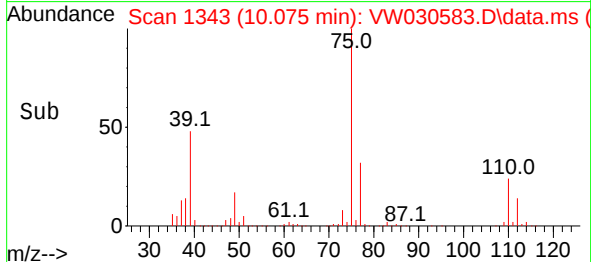
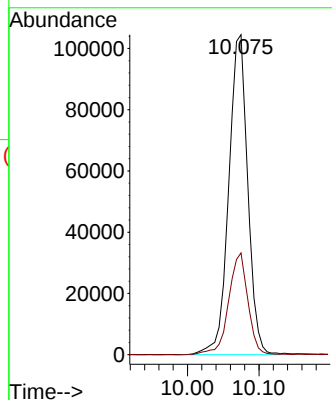
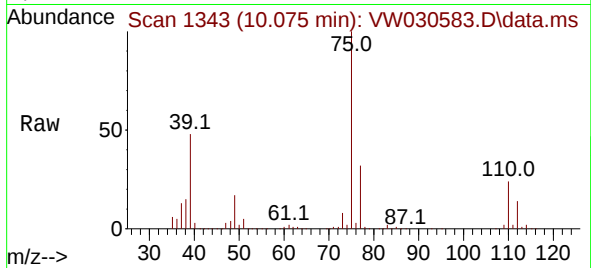
ClientSampleId :

Tgt Ion: 75 Resp: 192932

Ion Ratio Lower Upper

75 100

77 31.8 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 57.400 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

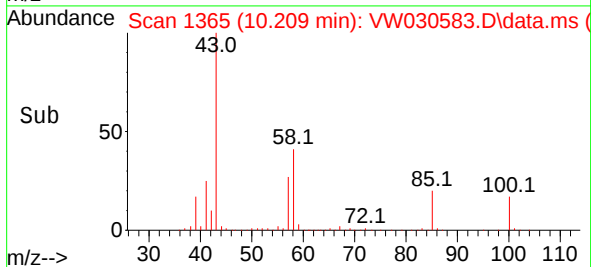
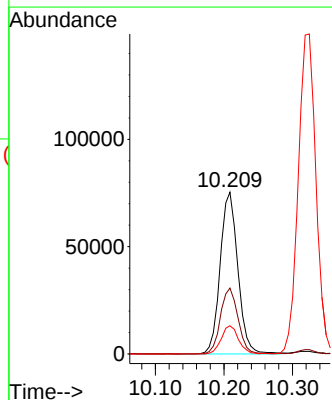
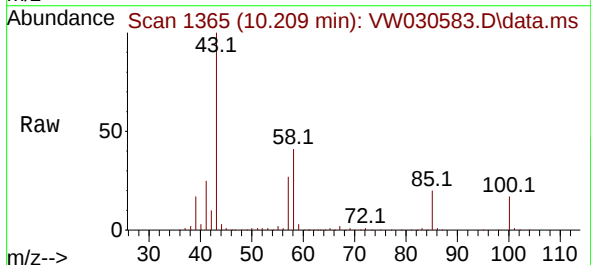
Tgt Ion: 43 Resp: 134937

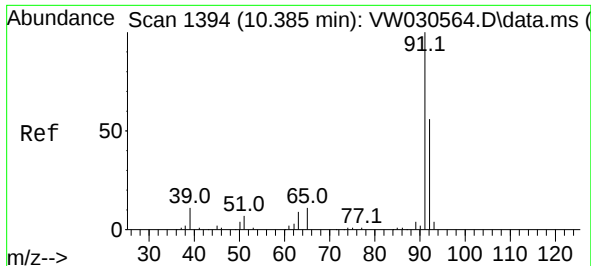
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 16.9 13.1 19.7





#42

Toluene

Concen: 25.979 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

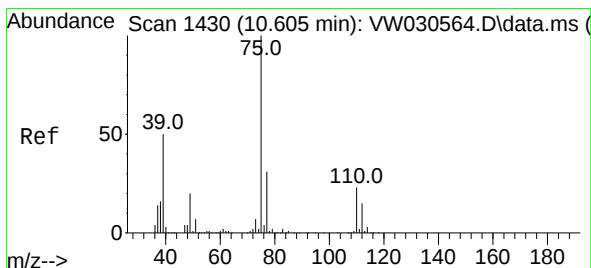
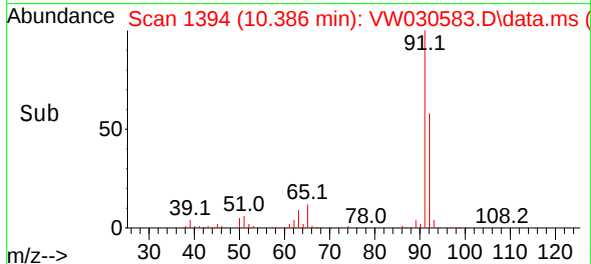
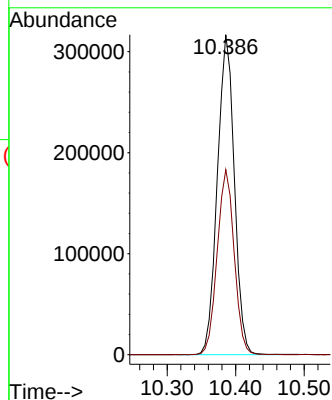
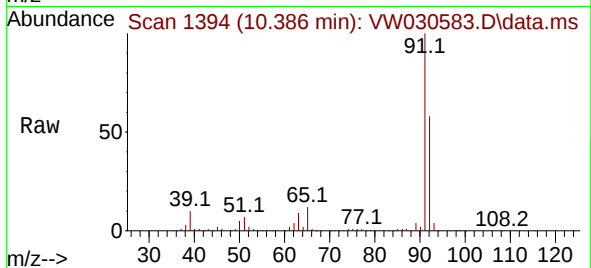
ClientSampleId :

Tgt Ion: 91 Resp: 543026

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 26.274 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030583.D

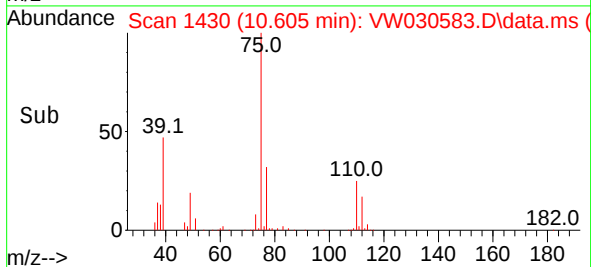
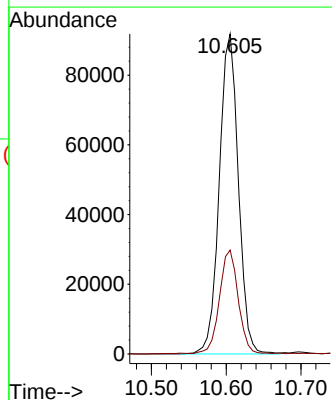
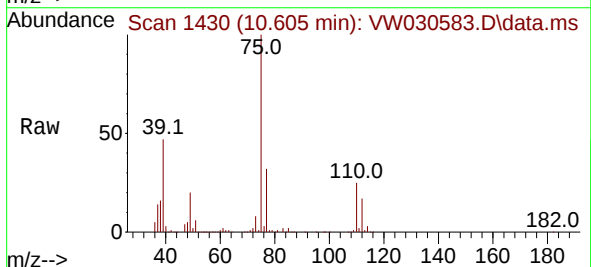
Acq: 12 Oct 2024 06:26

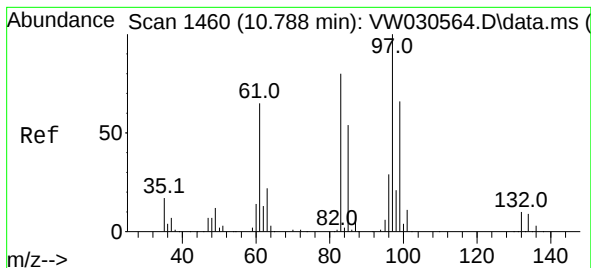
Tgt Ion: 75 Resp: 162962

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 27.428 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 97000

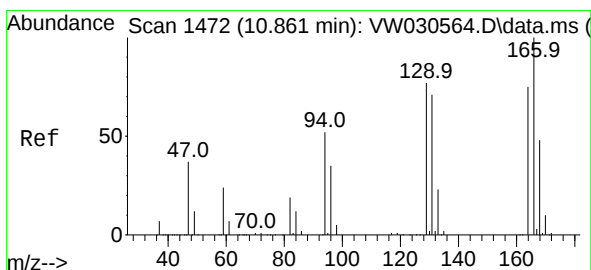
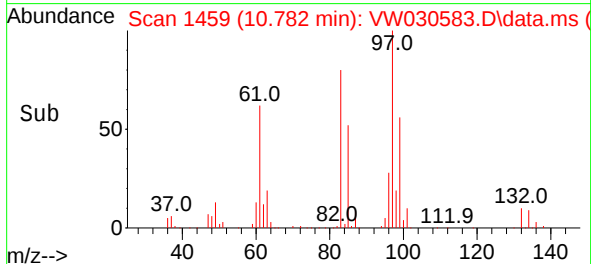
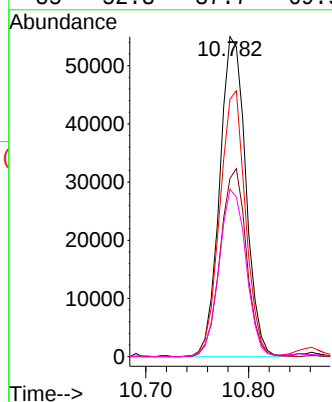
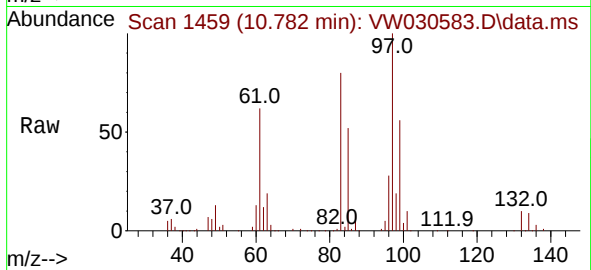
Ion Ratio Lower Upper

97 100

99 55.7 41.2 76.6

83 80.4 59.6 110.6

85 52.3 37.7 69.9



#46

Tetrachloroethene

Concen: 25.599 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Tgt Ion:164 Resp: 102914

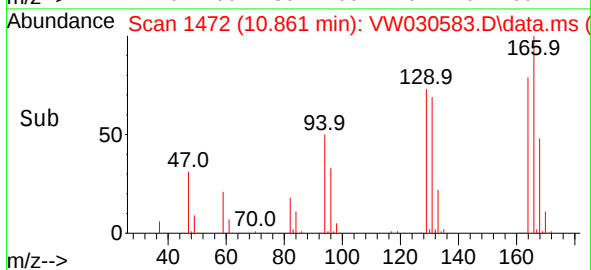
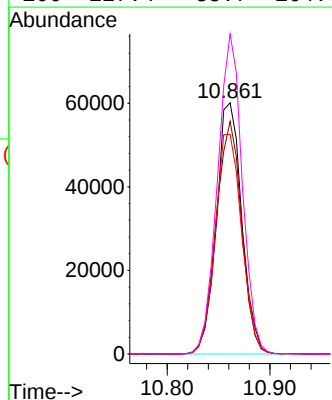
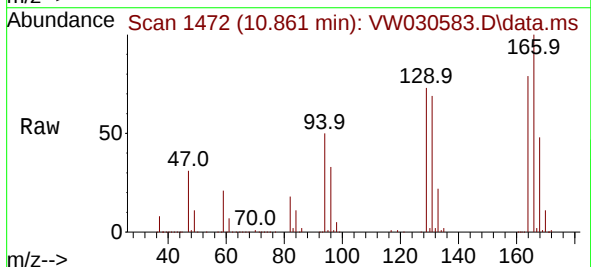
Ion Ratio Lower Upper

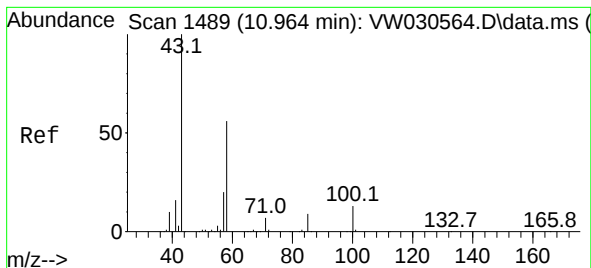
164 100

129 92.5 66.6 123.6

131 87.4 63.7 118.3

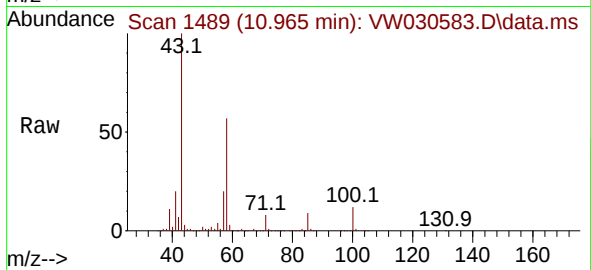
166 127.4 88.7 164.7



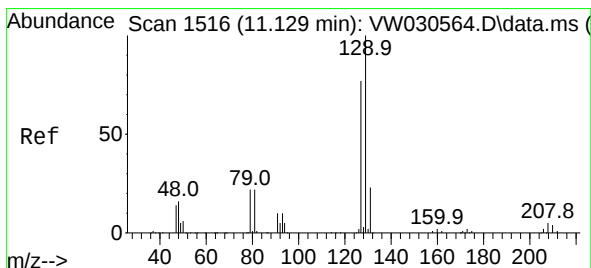
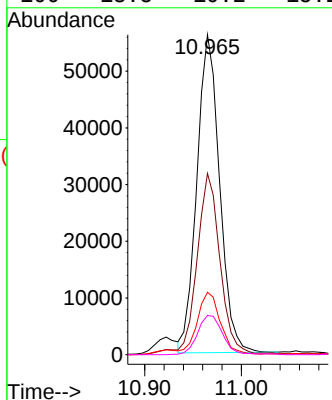
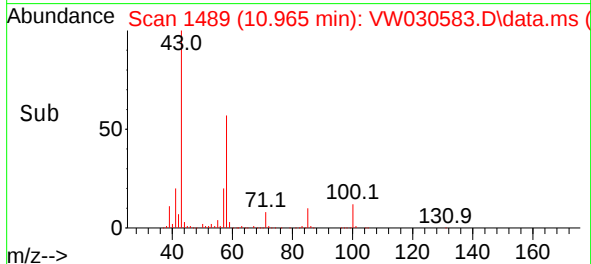


#48
2-Hexanone
Concen: 47.774 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Instrument :
MSVOA_W
ClientSampleId :

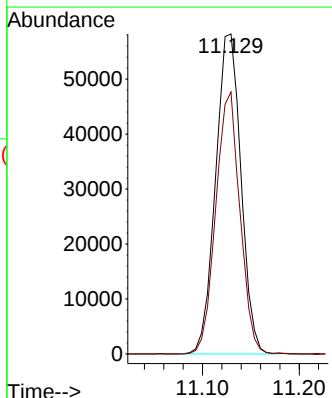
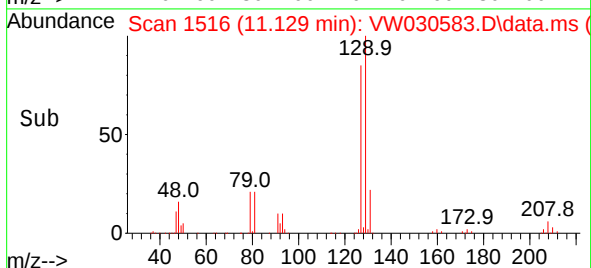
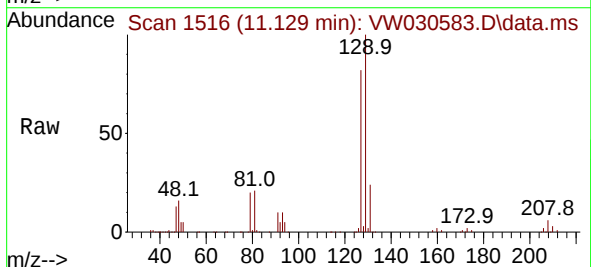


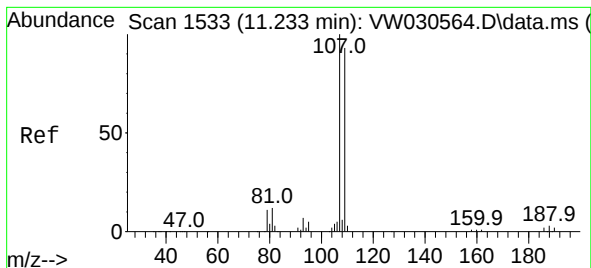
Tgt Ion: 43 Resp: 91843
Ion Ratio Lower Upper
43 100
58 56.5 44.6 67.0
57 20.1 15.8 23.8
100 13.5 10.2 15.2



#49
Dibromochloromethane
Concen: 26.858 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion:129 Resp: 105985
Ion Ratio Lower Upper
129 100
127 81.9 56.5 104.9





#50

1,2-Dibromoethane

Concen: 27.566 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030583.D

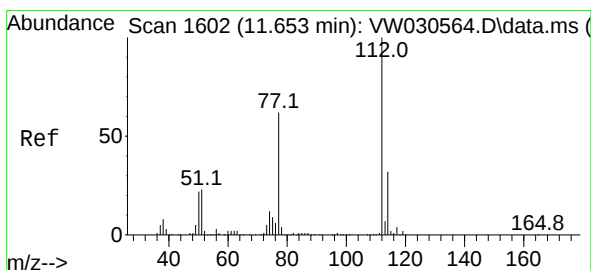
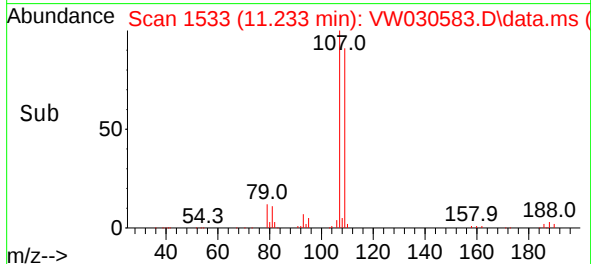
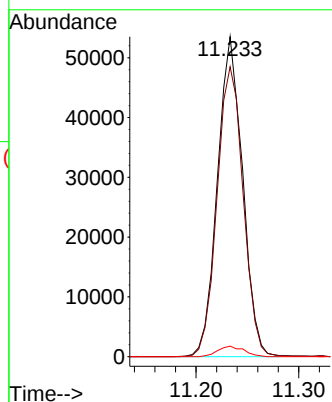
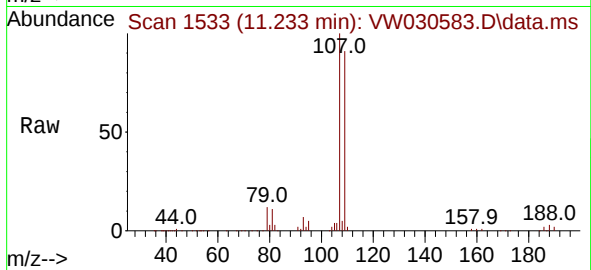
Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	90967
Ion	Ratio	Lower	Upper
107	100		
109	90.6	63.8	118.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 25.564 ug/L

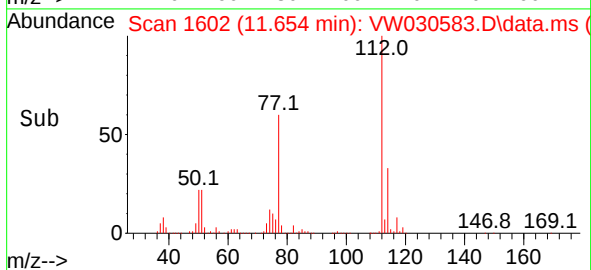
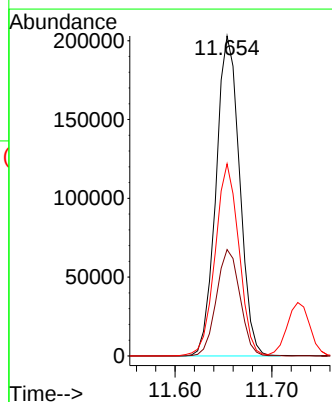
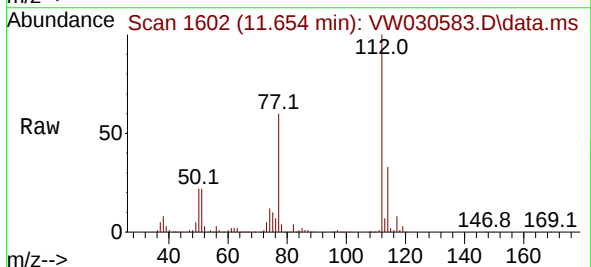
RT: 11.654 min Scan# 1602

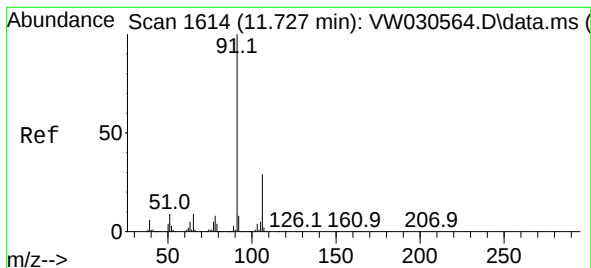
Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Tgt Ion:	112	Resp:	343978
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.4	41.6
77	60.0	47.1	70.7





#52

Ethylbenzene

Concen: 25.966 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

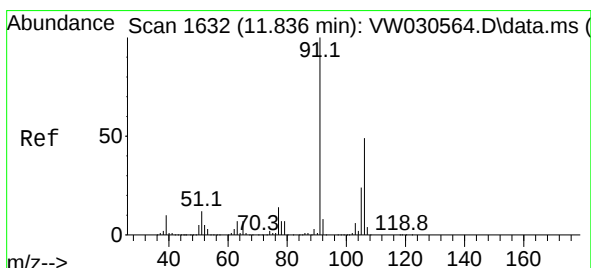
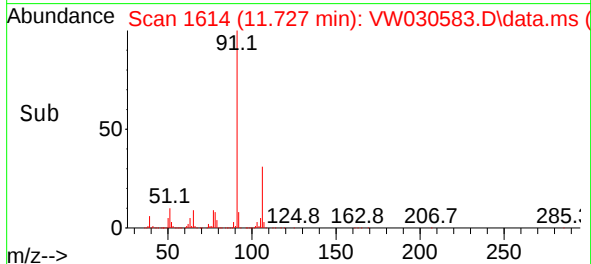
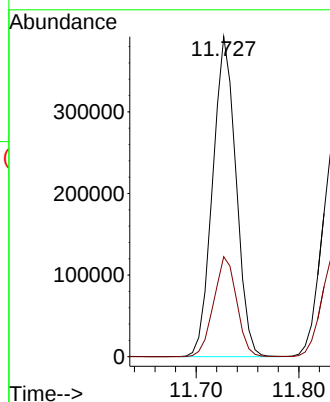
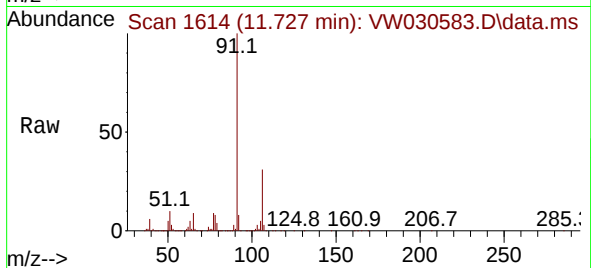
ClientSampleId :

Tgt Ion: 91 Resp: 619321

Ion Ratio Lower Upper

91 100

106 31.3 21.1 39.1



#53

m,p-Xylene

Concen: 26.351 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030583.D

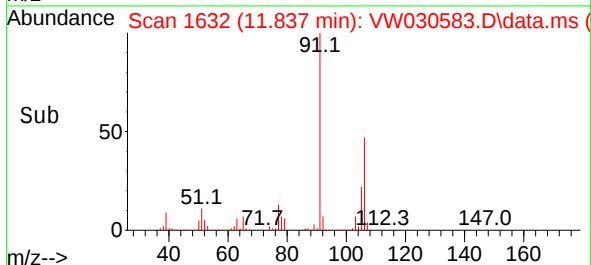
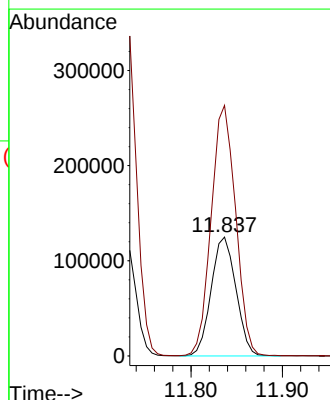
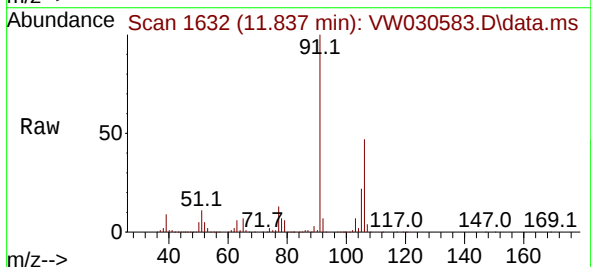
Acq: 12 Oct 2024 06:26

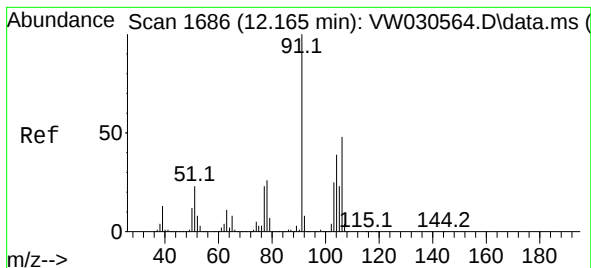
Tgt Ion:106 Resp: 235466

Ion Ratio Lower Upper

106 100

91 210.7 140.6 261.2





#54

o-Xylene

Concen: 27.114 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

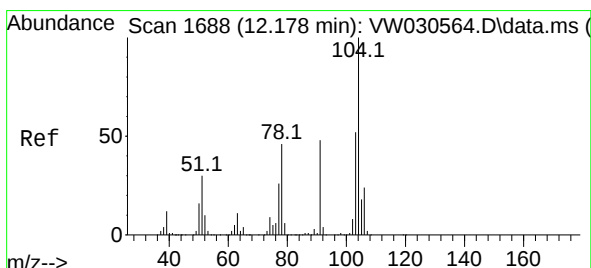
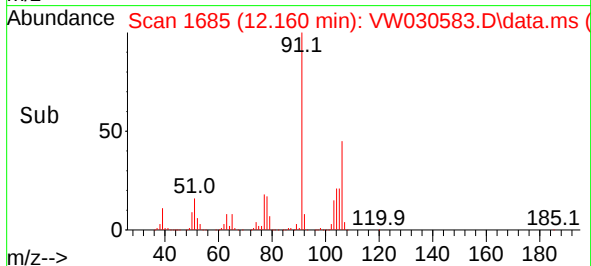
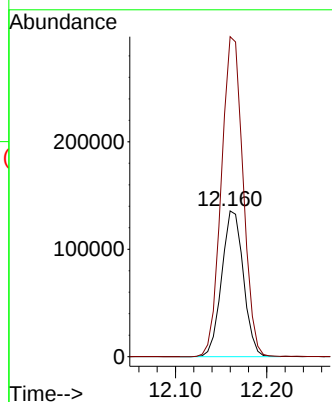
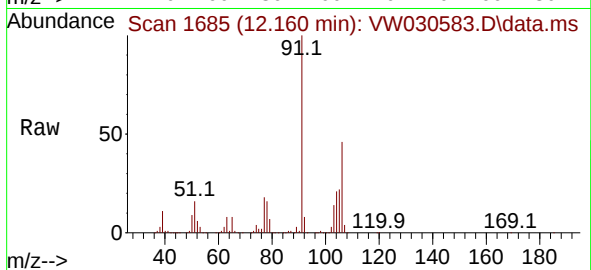
ClientSampleId :

Tgt Ion:106 Resp: 223990

Ion Ratio Lower Upper

106 100

91 219.4 144.5 268.4



#55

Styrene

Concen: 27.892 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030583.D

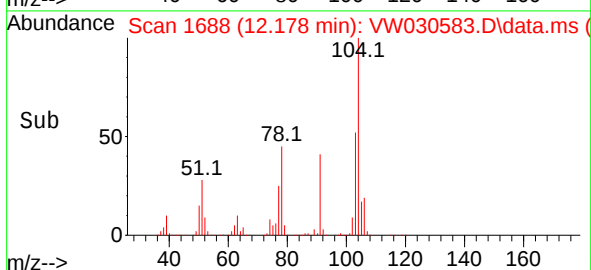
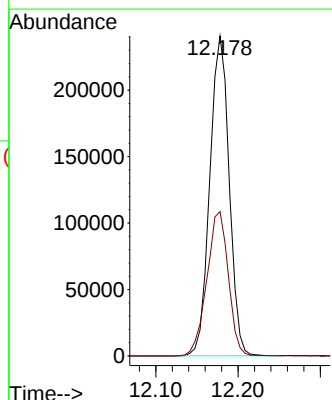
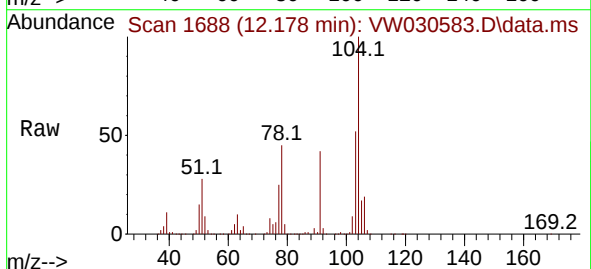
Acq: 12 Oct 2024 06:26

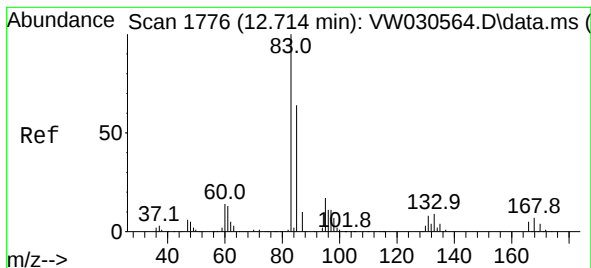
Tgt Ion:104 Resp: 393903

Ion Ratio Lower Upper

104 100

78 45.1 34.3 63.7

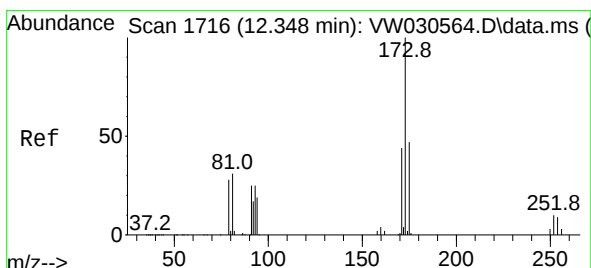
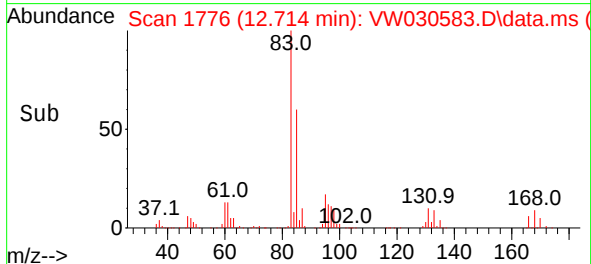
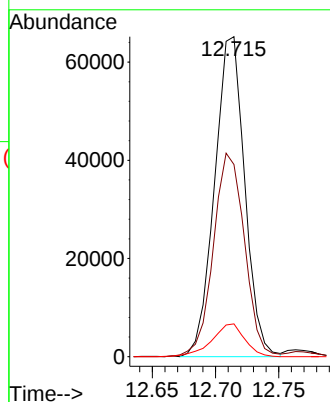
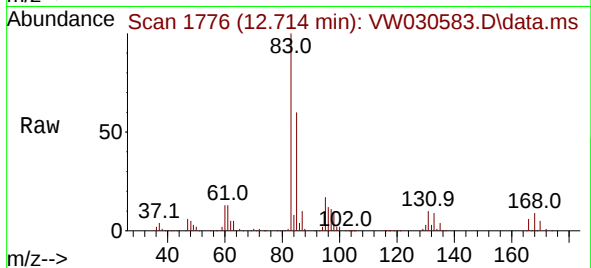




#57
1,1,2,2-Tetrachloroethane
Concen: 27.089 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

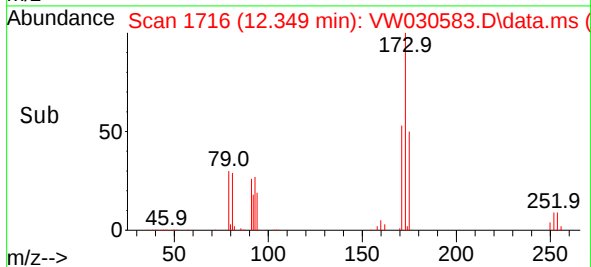
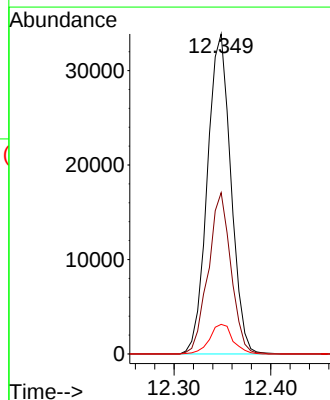
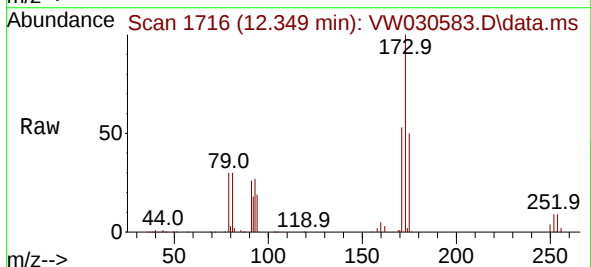
Instrument :
MSVOA_W
ClientSampleId :

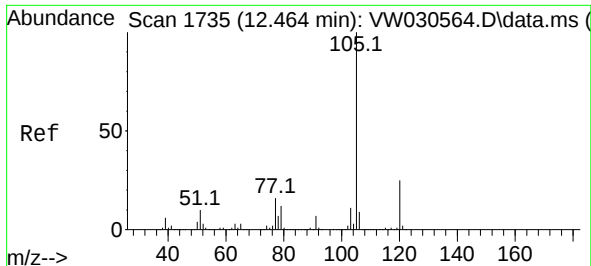
Tgt Ion: 83 Resp: 108035
Ion Ratio Lower Upper
83 100
85 60.0 42.6 79.2
131 10.3 7.4 11.0



#59
Bromoform
Concen: 26.855 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

Tgt Ion:173 Resp: 57338
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 9.1 7.7 11.5





#60

Isopropylbenzene

Concen: 26.002 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

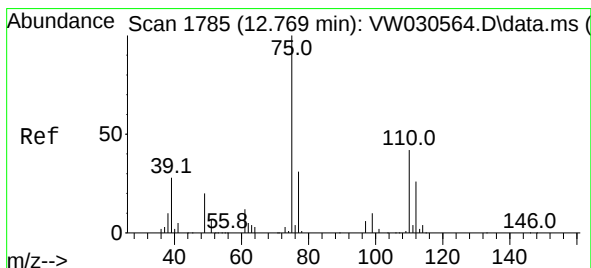
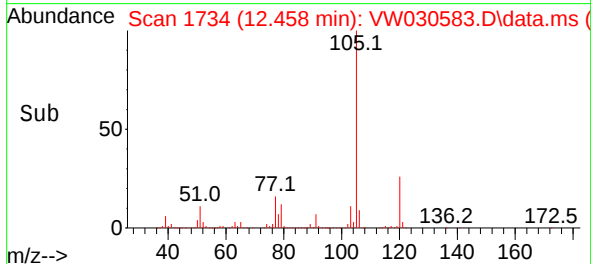
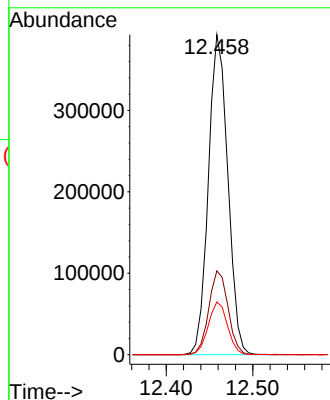
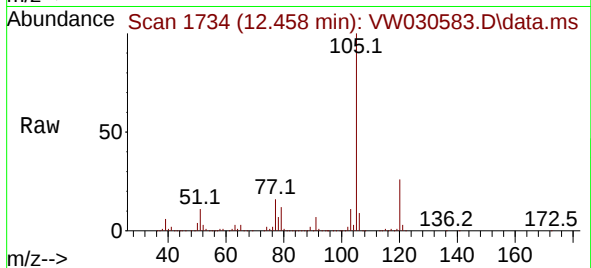
Tgt Ion:105 Resp: 611925

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 25.517 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

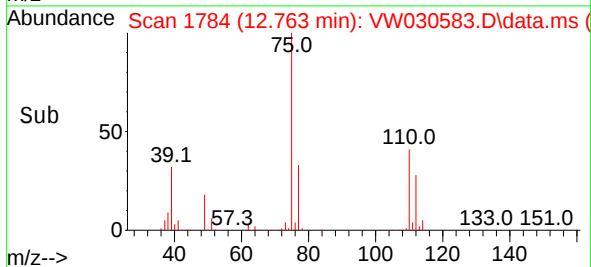
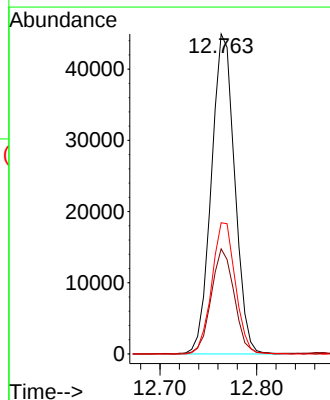
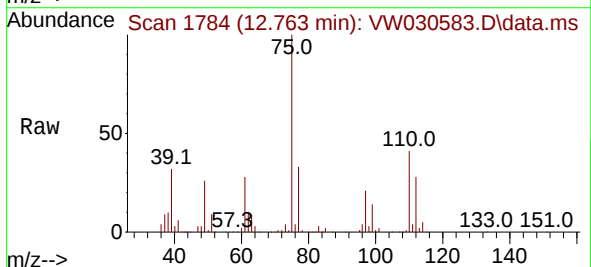
Tgt Ion: 75 Resp: 75456

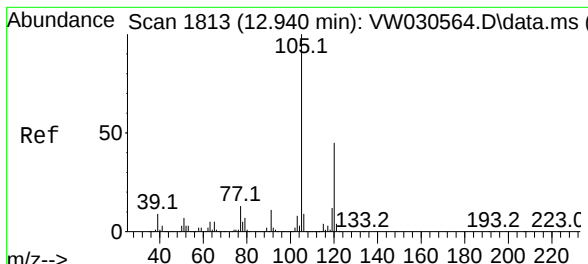
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 41.3 32.3 48.5

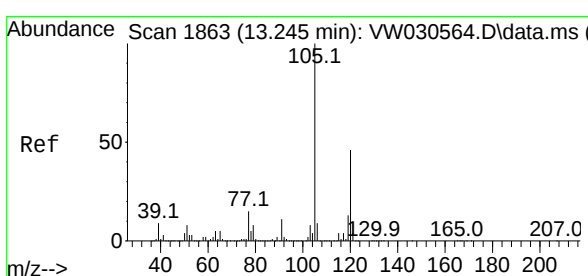
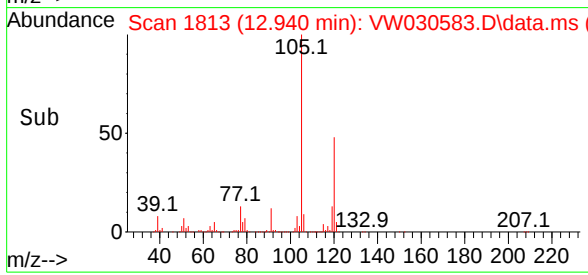
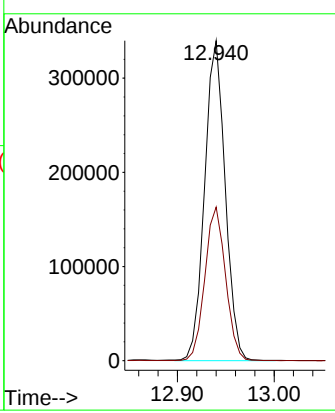
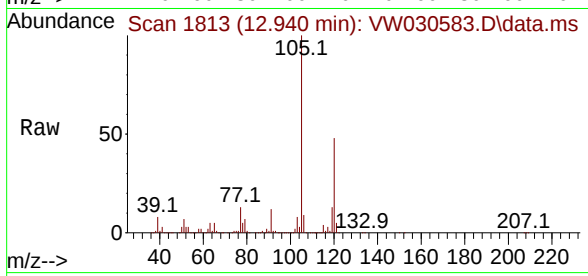




#62
 1,3,5-Trimethylbenzene
 Concen: 27.099 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

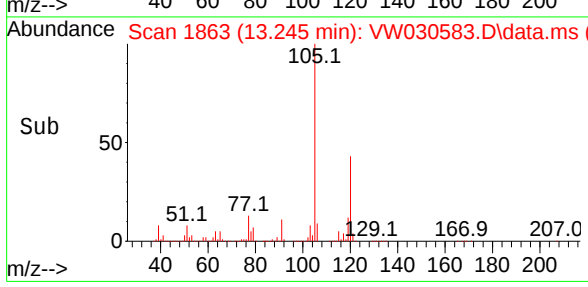
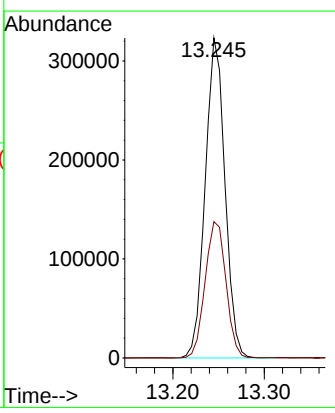
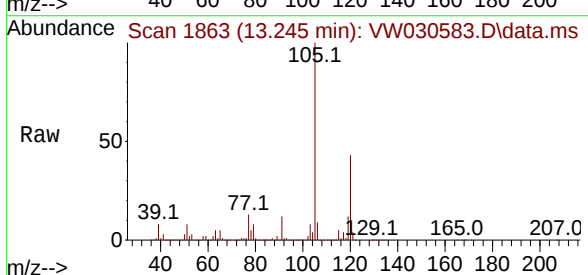
Instrument :
 MSVOA_W
 ClientSampleId :

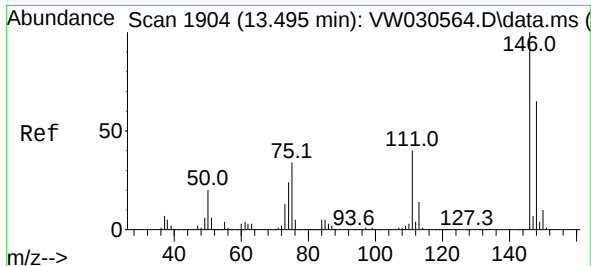
Tgt Ion:	105	Resp:	503133
Ion Ratio	Lower	Upper	
105	100		
120	48.3	38.0	57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 26.657 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

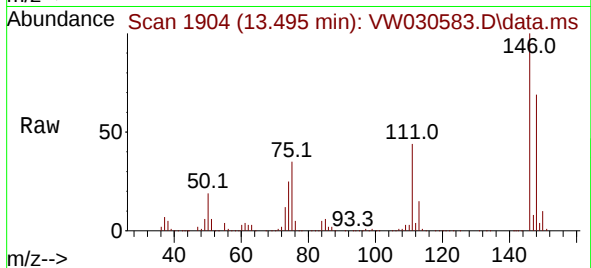
Tgt Ion:	105	Resp:	484591
Ion Ratio	Lower	Upper	
105	100		
120	45.0	35.8	53.6



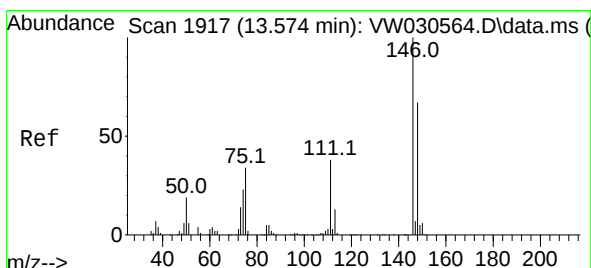
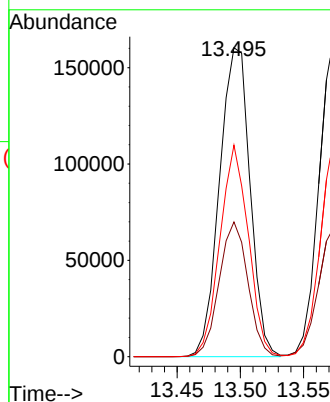
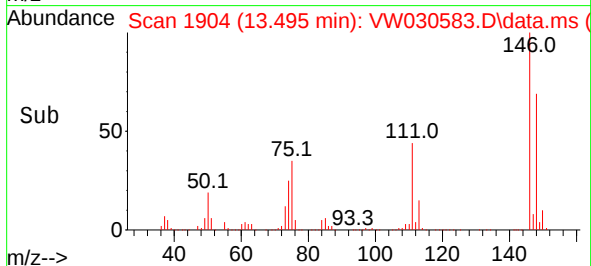


#64
1,3-Dichlorobenzene
Concen: 26.294 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26

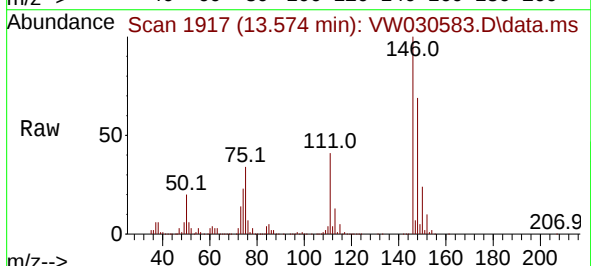
Instrument :
MSVOA_W
ClientSampleId :



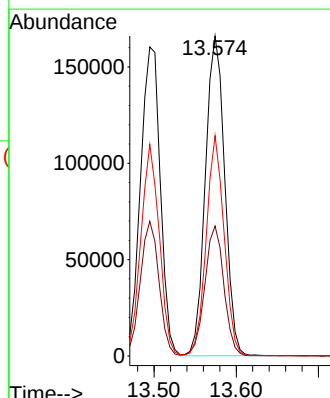
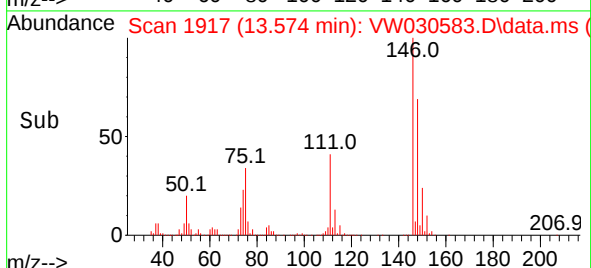
Tgt Ion:146 Resp: 269348
Ion Ratio Lower Upper
146 100
111 43.6 31.2 58.0
148 68.5 45.7 84.9

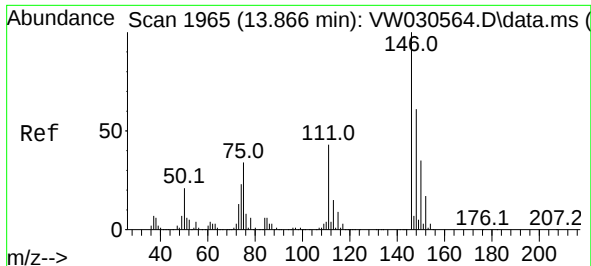


#65
1,4-Dichlorobenzene
Concen: 25.585 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030583.D
Acq: 12 Oct 2024 06:26



Tgt Ion:146 Resp: 270616
Ion Ratio Lower Upper
146 100
111 40.6 26.8 49.8
148 68.8 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.158 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :

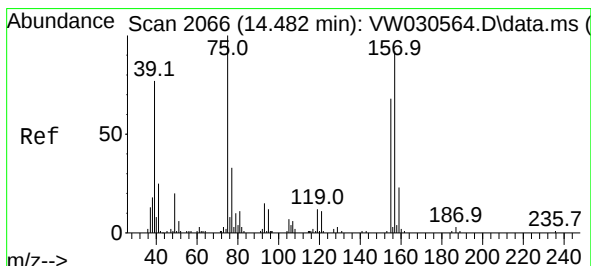
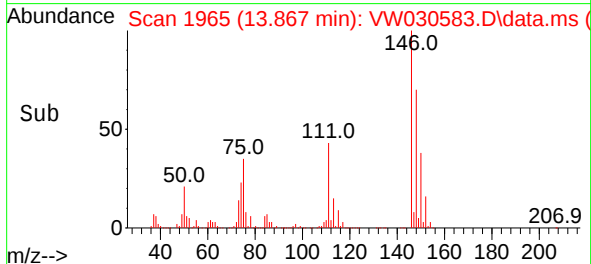
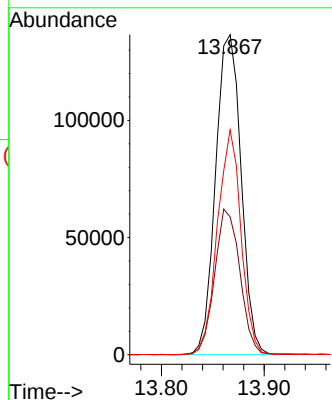
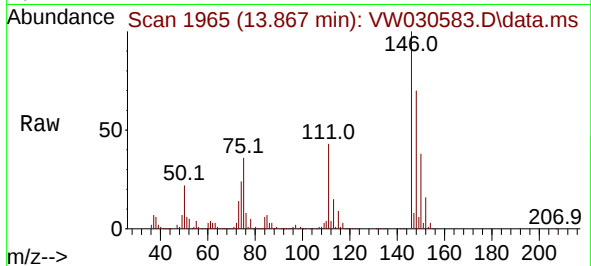
Tgt Ion:146 Resp: 235792

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 70.3 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.860 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

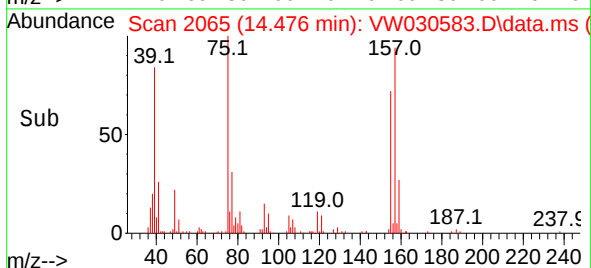
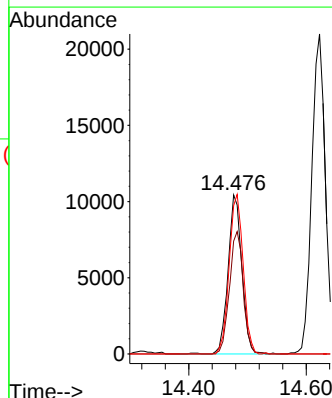
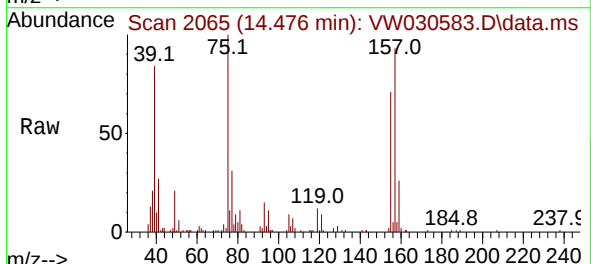
Tgt Ion: 75 Resp: 17051

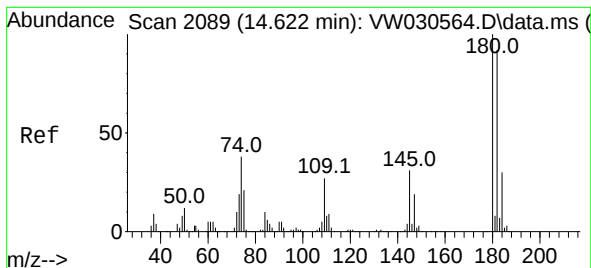
Ion Ratio Lower Upper

75 100

155 70.9 57.9 86.9

157 93.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.708 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

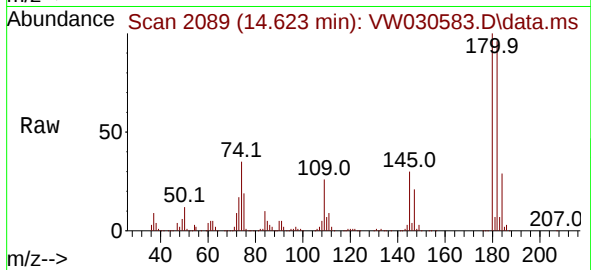
Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 173662

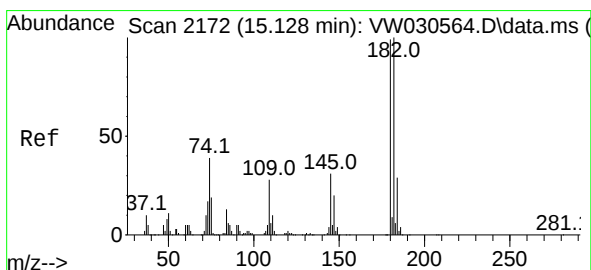
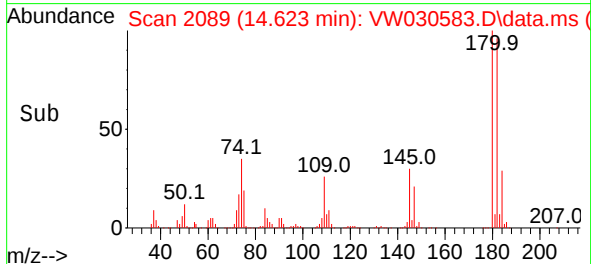
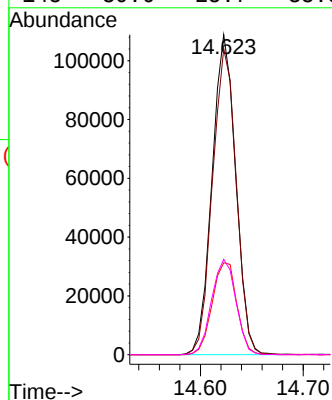
Ion Ratio Lower Upper

180 100

182 96.0 79.9 119.9

184 30.0 25.2 37.8

145 30.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.444 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030583.D

Acq: 12 Oct 2024 06:26

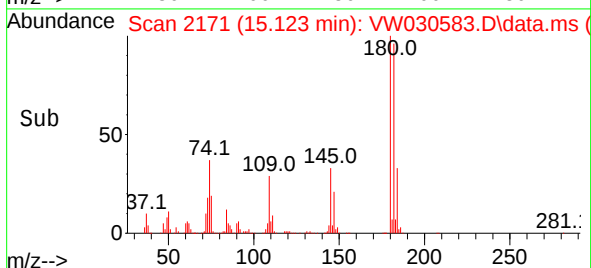
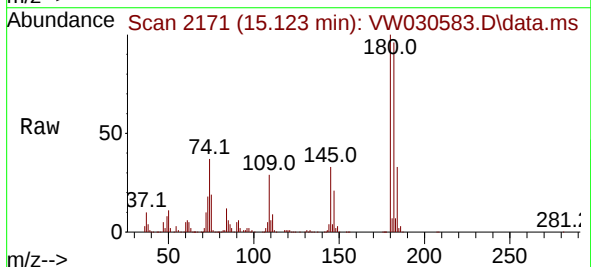
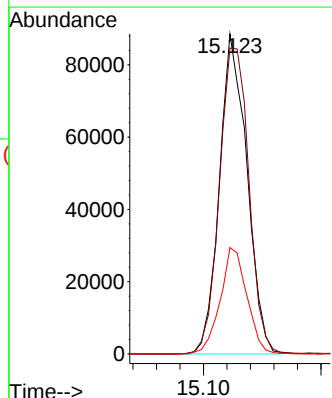
Tgt Ion:180 Resp: 143805

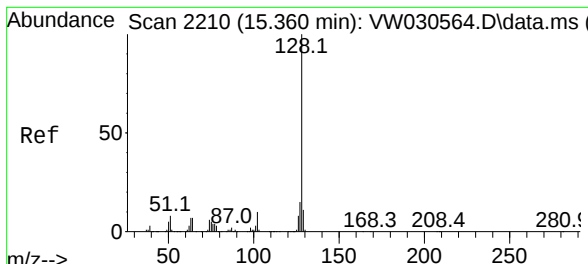
Ion Ratio Lower Upper

180 100

182 102.7 75.2 112.8

145 32.3 25.4 38.2



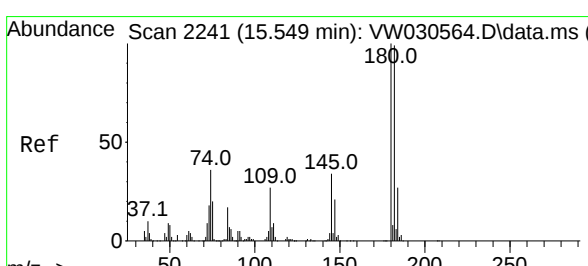
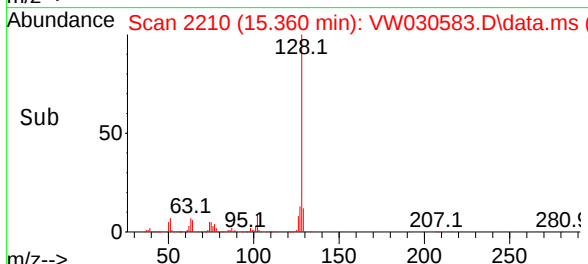
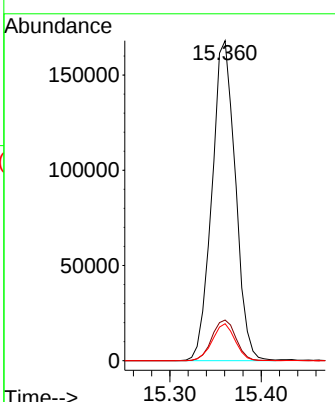
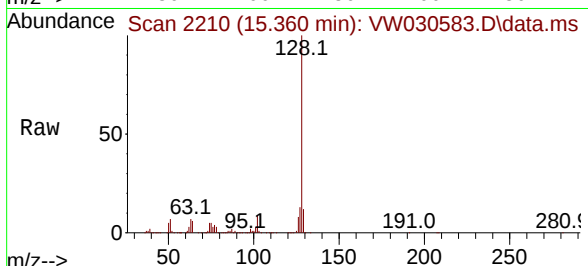


#71
 Naphthalene
 Concen: 31.864 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 299373

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	11.2	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 29.031 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030583.D
 Acq: 12 Oct 2024 06:26

Tgt Ion:180 Resp: 136862

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	32.4	27.4	41.2

