

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031227.D
 Acq On : 13 Dec 2024 09:51
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:08:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	683109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54462	4.675	ug/L	0.00
7) Chloroethane-d5	2.826	69	344	0.040	ug/L	-0.07
11) 1,1-Dichloroethene-d2	4.021	65	25975	4.701	ug/L	0.00
21) 2-Butanone-d5	7.258	46	63	0.029	ug/L	0.16
24) Chloroform-d	7.648	84	101399	4.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	52813	4.957	ug/L	0.00
32) Benzene-d6	8.276	84	207075	4.730	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	59806	4.687	ug/L	0.00
41) Toluene-d8	10.319	98	192401	4.724	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	28168	4.787	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	15750	9.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	39253	4.899	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	57744	4.692	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	28458	4.067	ug/L	98
3) Chloromethane	2.216	50	34619	4.404	ug/L	97
5) Vinyl chloride	2.369	62	49002	4.498	ug/L	100
6) Bromomethane	2.790	94	30211	4.511	ug/L	100
8) Chloroethane	2.930	64	29289	4.521	ug/L	97
9) Trichlorofluoromethane	3.265	101	52150	4.494	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	41790	4.455	ug/L	95
12) 1,1-Dichloroethene	4.039	96	43235	4.555	ug/L	96
13) Acetone	4.186	43	25284	7.980	ug/L #	100
14) Carbon disulfide	4.393	76	139827	4.517	ug/L	99
15) Methyl Acetate	4.948	43	238	0.070	ug/L	93
16) Methylene chloride	4.917	84	46396	4.759	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	47255	4.619	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	82316	4.813	ug/L	99
19) 1,1-Dichloroethane	6.216	63	88900	4.650	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	50565	4.568	ug/L	100
22) 2-Butanone	7.197	43	28786	7.930	ug/L	76
23) Bromochloromethane	7.520	128	20287	4.595	ug/L	93
25) Chloroform	7.679	83	89164	4.725	ug/L	99
27) 1,2-Dichloroethane	8.404	62	55910	4.713	ug/L	98
29) Cyclohexane	7.959	56	82902	4.475	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	80196	4.542	ug/L	99
31) Carbon tetrachloride	8.069	117	70482	4.481	ug/L	98
33) Benzene	8.325	78	191857	4.545	ug/L	100
34) Trichloroethene	9.093	95	54509	4.574	ug/L	88
35) Methylcyclohexane	9.331	83	95587	4.605	ug/L	99
37) 1,2-Dichloropropane	9.368	63	48043	4.562	ug/L	99
38) Bromodichloromethane	9.642	83	62053	4.532	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	81055	4.555	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	52843	9.458	ug/L	98
42) Toluene	10.386	91	210092	4.571	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	67039	4.614	ug/L	92

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 ALS Vial : 3 Sample Multiplier: 1

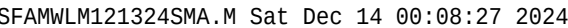
Instrument :
 MSVOA_W
 ClientSampleId :

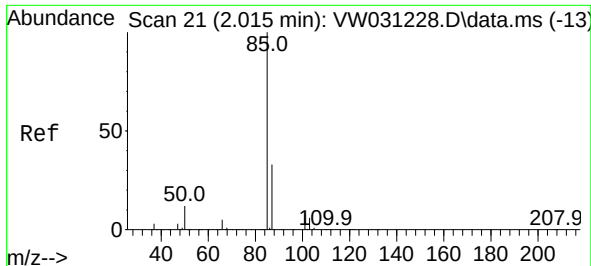
Quant Time: Dec 14 00:08:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	31598	4.511	ug/L	98
46) Tetrachloroethene	10.855	164	39954	4.577	ug/L	98
48) 2-Hexanone	10.965	43	41972	8.833	ug/L	98
49) Dibromochloromethane	11.129	129	37279	4.490	ug/L	90
50) 1,2-Dibromoethane	11.233	107	30654	4.620	ug/L	96
51) Chlorobenzene	11.654	112	131265	4.555	ug/L	99
52) Ethylbenzene	11.727	91	245237	4.604	ug/L	100
53) m,p-Xylene	11.837	106	93177	4.595	ug/L	97
54) o-Xylene	12.160	106	86871	4.546	ug/L	99
55) Styrene	12.178	104	146421	4.606	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	36431	4.823	ug/L	95
59) Bromoform	12.343	173	20817	4.470	ug/L #	98
60) Isopropylbenzene	12.459	105	247422	4.560	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	26304	4.637	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	206454	4.488	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	199754	4.493	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	98872	4.498	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	96551	4.433	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	84399	4.456	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	6712	4.662	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	73205	4.755	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	60941	4.759	ug/L	93
71) Naphthalene	15.354	128	102424	4.562	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	47143	4.569	ug/L	99

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

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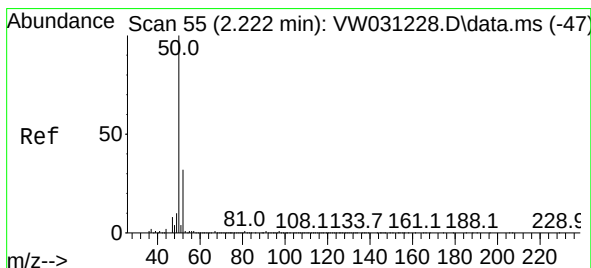
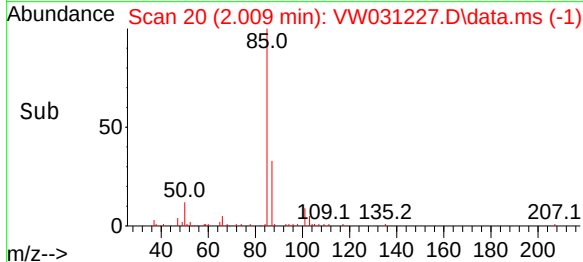
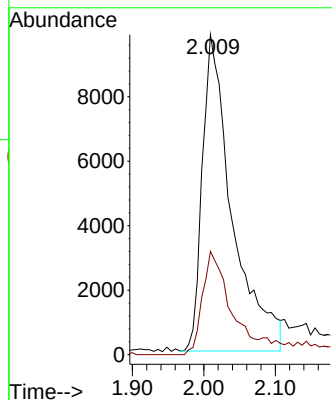
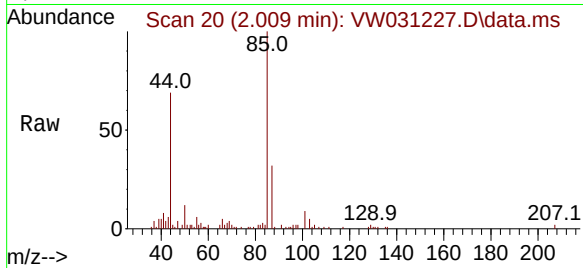




#2
Dichlorodifluoromethane
Concen: 4.067 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

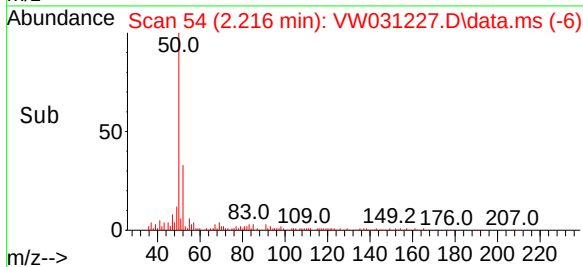
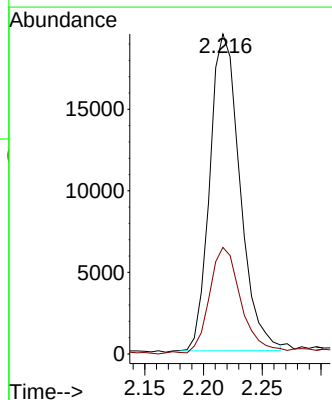
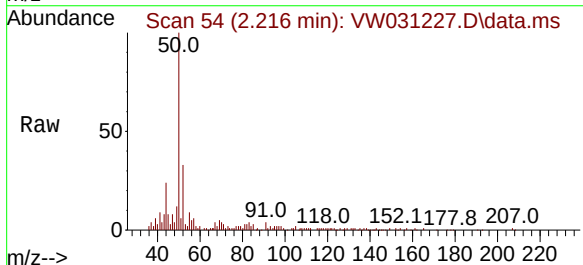
Instrument :
MSVOA_W
ClientSampleId :

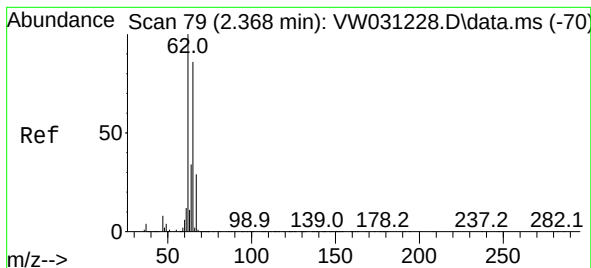
Tgt Ion: 85 Resp: 28458
Ion Ratio Lower Upper
85 100
87 30.2 24.9 37.3



#3
Chloromethane
Concen: 4.404 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 50 Resp: 34619
Ion Ratio Lower Upper
50 100
52 33.3 22.0 41.0





#5

Vinyl chloride

Concen: 4.498 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

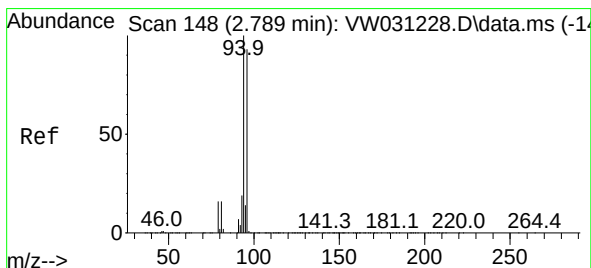
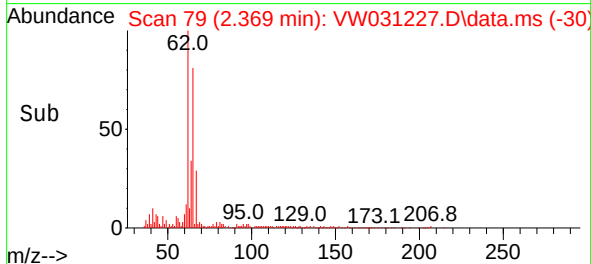
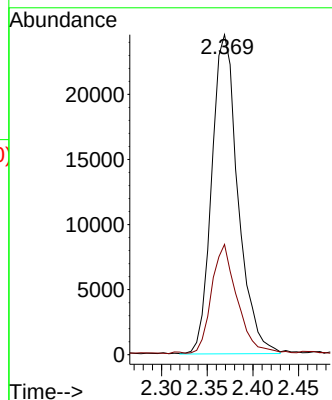
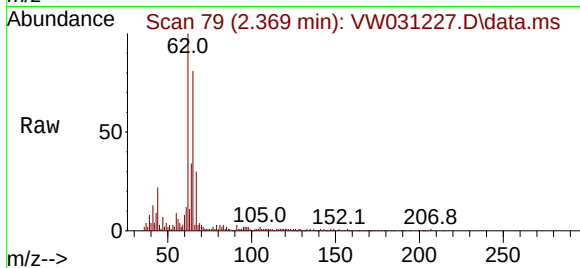
ClientSampleId :

Tgt Ion: 62 Resp: 49002

Ion Ratio Lower Upper

62 100

64 34.4 24.1 44.8



#6

Bromomethane

Concen: 4.511 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031227.D

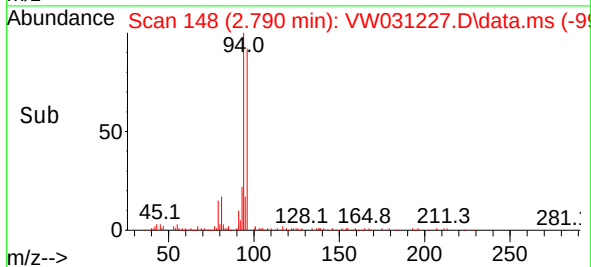
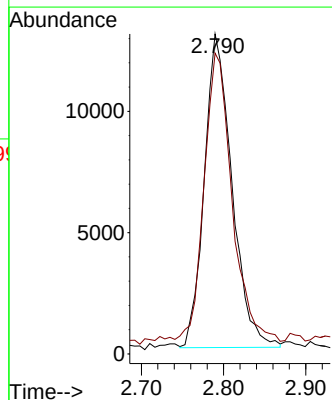
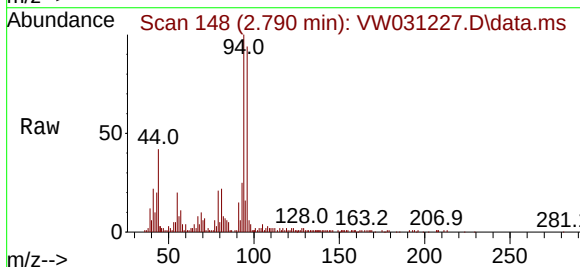
Acq: 13 Dec 2024 09:51

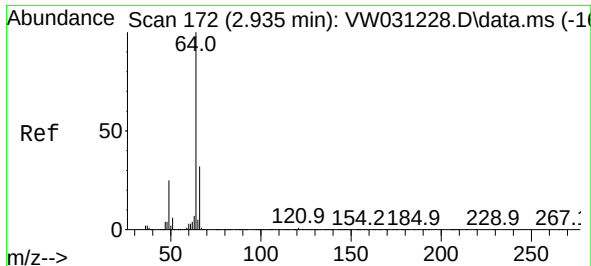
Tgt Ion: 94 Resp: 30211

Ion Ratio Lower Upper

94 100

96 94.0 65.6 121.8

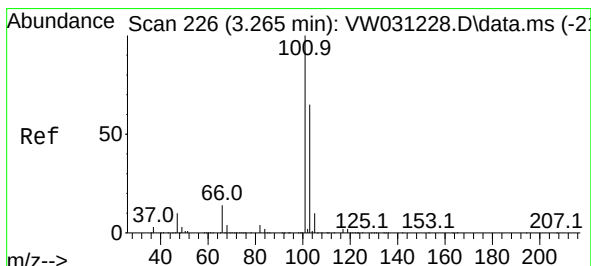
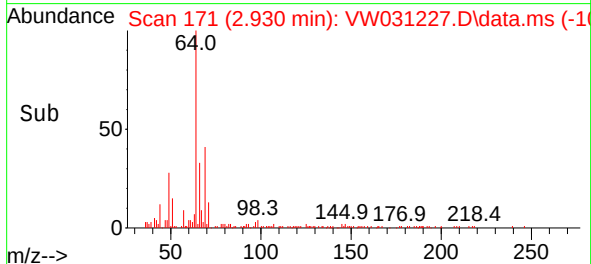
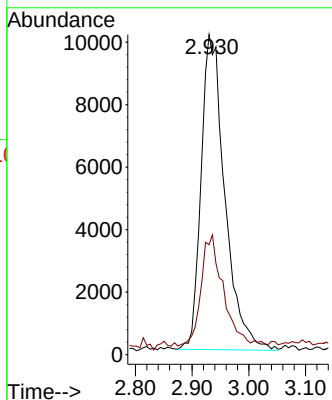
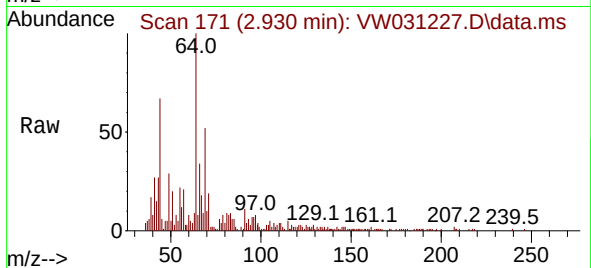




#8
Chloroethane
Concen: 4.521 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

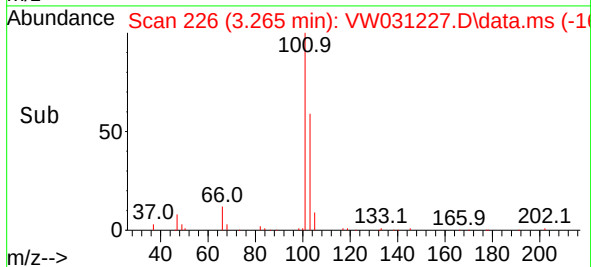
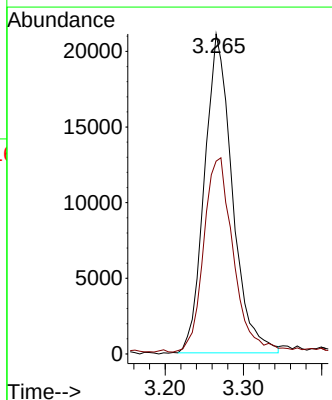
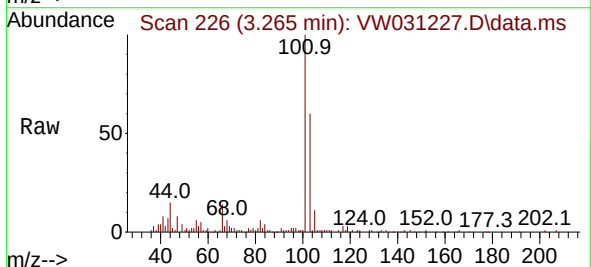
Instrument :
MSVOA_W
ClientSampleId :

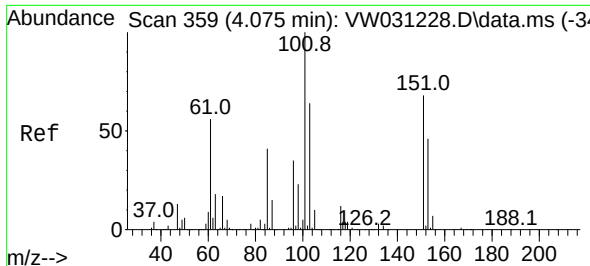
Tgt Ion: 64 Resp: 29289
Ion Ratio Lower Upper
64 100
66 34.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.494 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 101 Resp: 52150
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.455 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031227.D

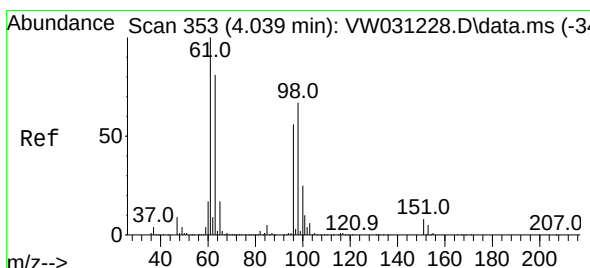
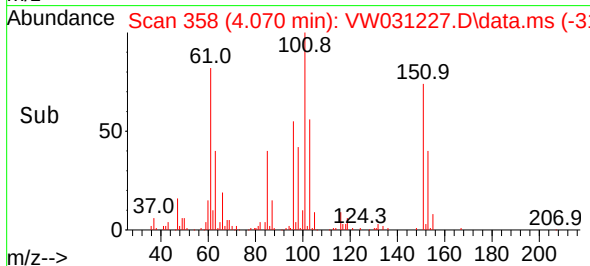
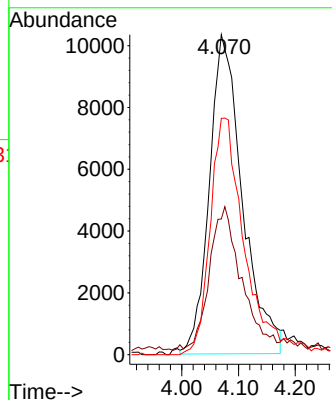
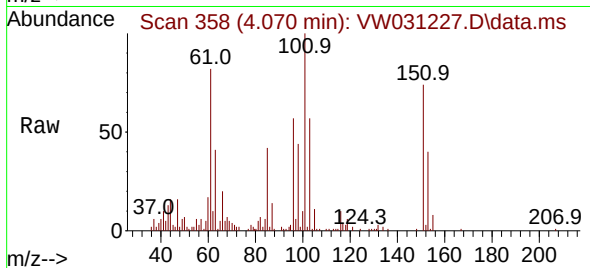
Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:101	Resp:	41790
Ion Ratio	Lower	Upper
101	100	
85	42.7	33.0 49.4
151	74.5	54.8 82.2



#12

1,1-Dichloroethene

Concen: 4.555 ug/L

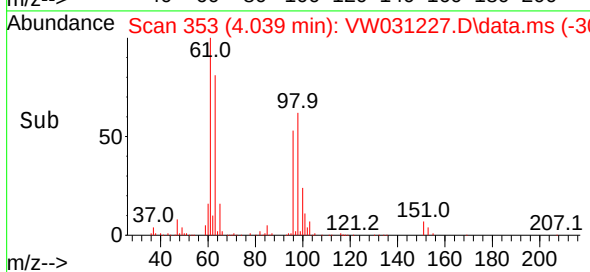
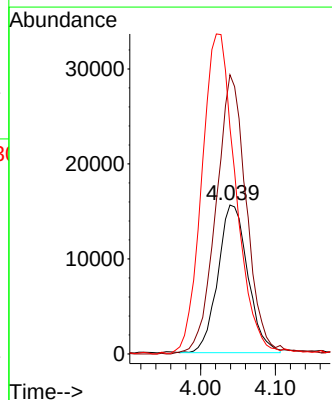
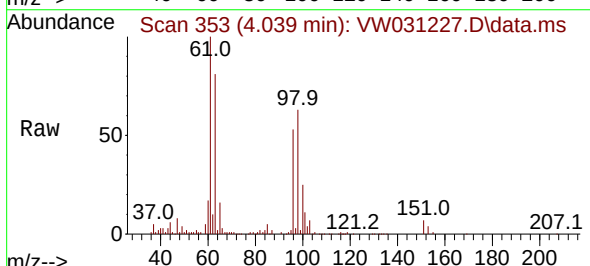
RT: 4.039 min Scan# 353

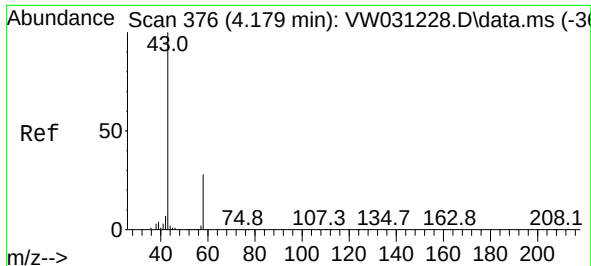
Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Tgt Ion: 96	Resp:	43235
Ion Ratio	Lower	Upper
96	100	
61	187.3	125.3 232.7
63	151.8	104.6 194.2

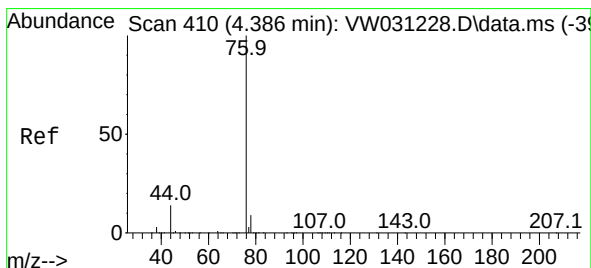
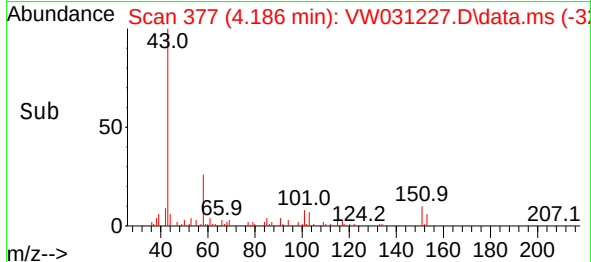
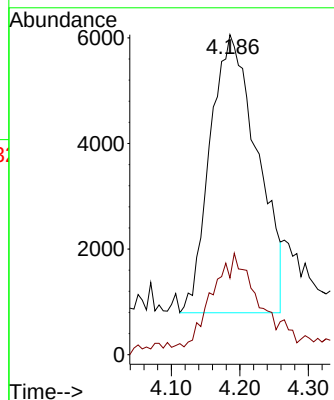
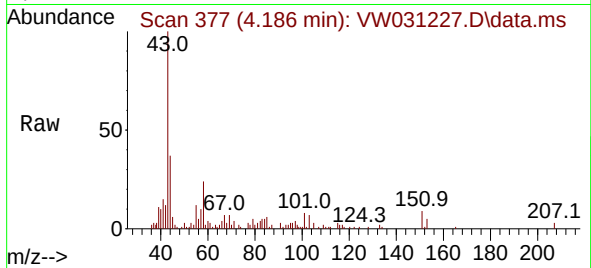




#13
Acetone
Concen: 7.980 ug/L
RT: 4.186 min Scan# 377
Delta R.T. 0.007 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

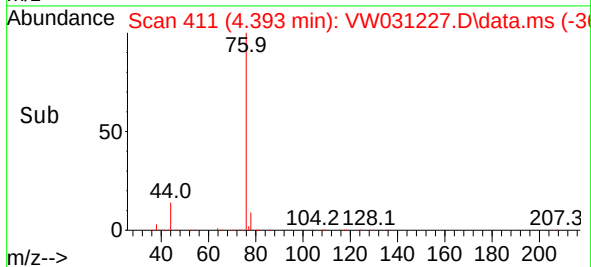
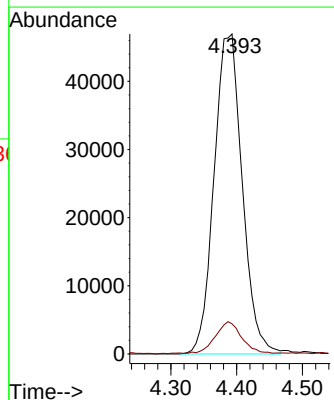
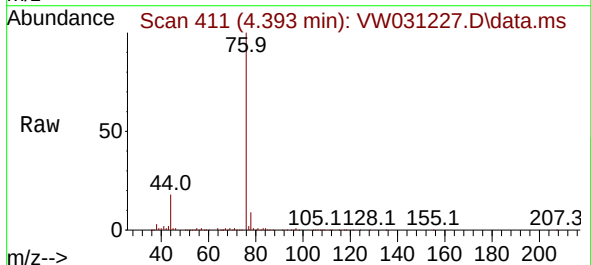
Instrument :
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ClientSampleId :

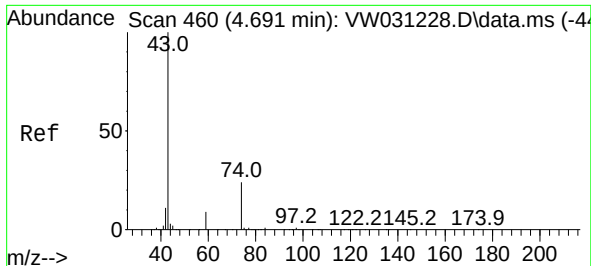
Tgt Ion: 43 Resp: 25284
Ion Ratio Lower Upper
43 100
58 13.5 0.0 0.0#



#14
Carbon disulfide
Concen: 4.517 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.007 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 76 Resp: 139827
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

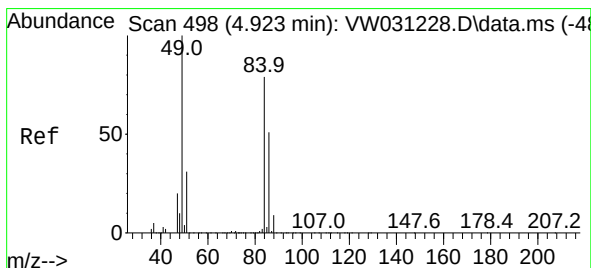
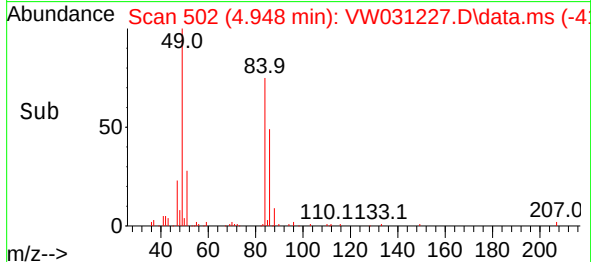
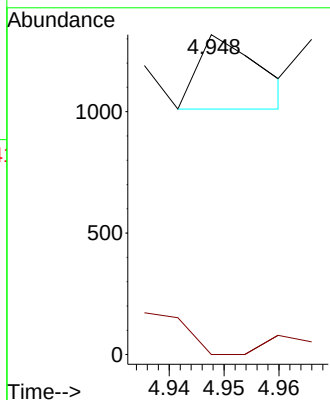
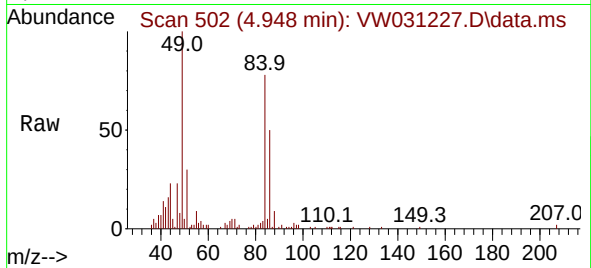




#15
Methyl Acetate
Concen: 0.070 ug/L
RT: 4.948 min Scan# 502
Delta R.T. 0.256 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

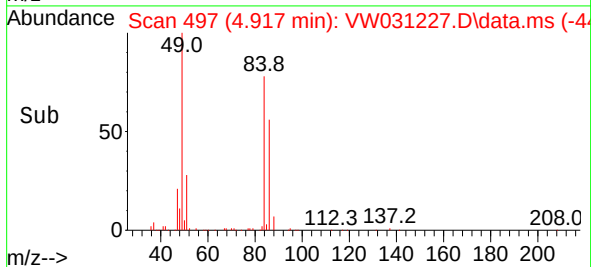
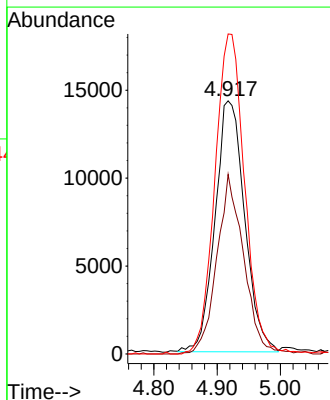
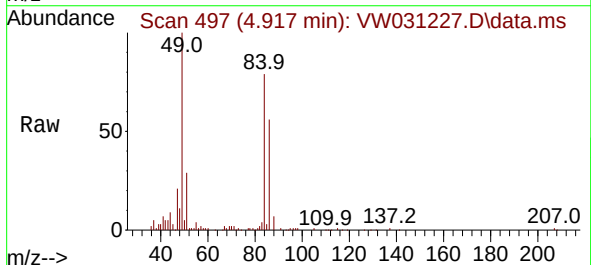
Instrument :
MSVOA_W
ClientSampleId :

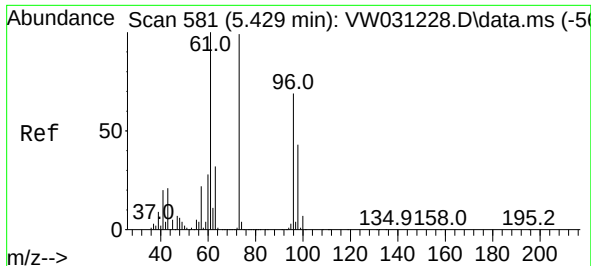
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 20.2 18.9 28.3



#16
Methylene chloride
Concen: 4.759 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

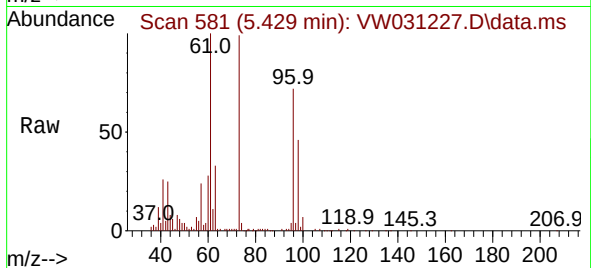
Tgt Ion: 84 Resp: 46396
Ion Ratio Lower Upper
84 100
86 70.9 44.7 82.9
49 126.4 88.3 164.1





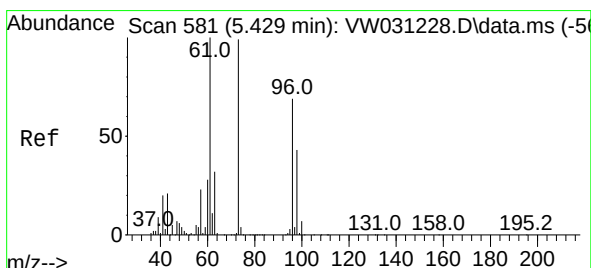
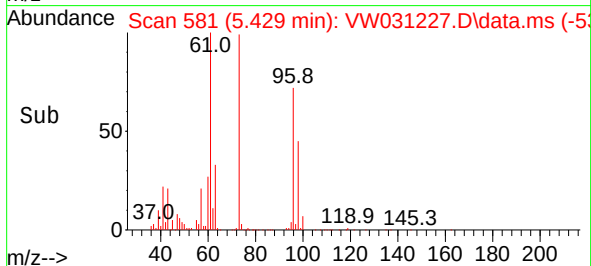
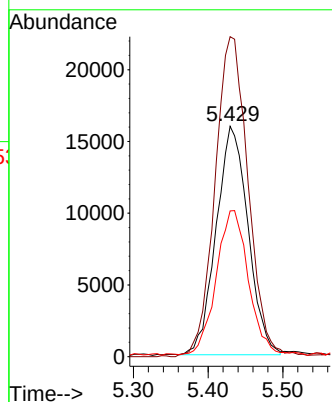
#17
trans-1,2-Dichloroethene
Concen: 4.619 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 47255

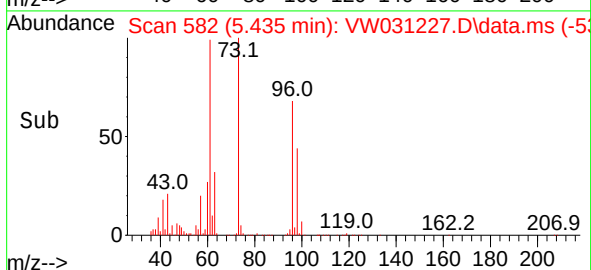
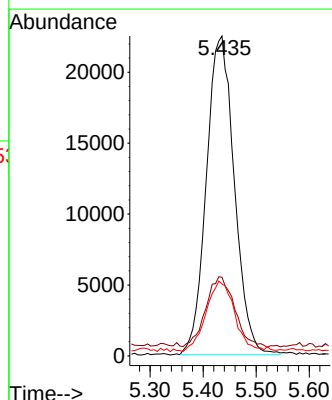
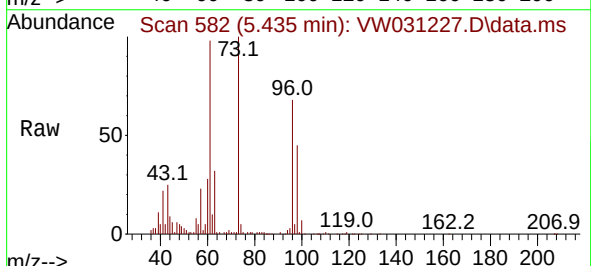
Ion	Ratio	Lower	Upper
96	100		
61	138.9	100.7	187.1
98	63.2	43.8	81.3

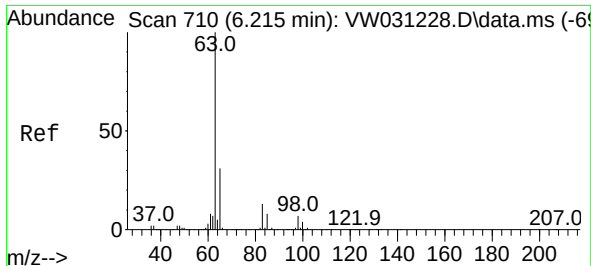


#18
Methyl tert-butyl Ether
Concen: 4.813 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.007 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 73 Resp: 82316

Ion	Ratio	Lower	Upper
73	100		
43	23.1	17.9	26.9
57	22.5	17.9	26.9





#19

1,1-Dichloroethane

Concen: 4.650 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

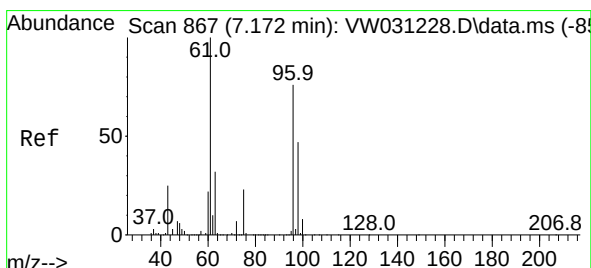
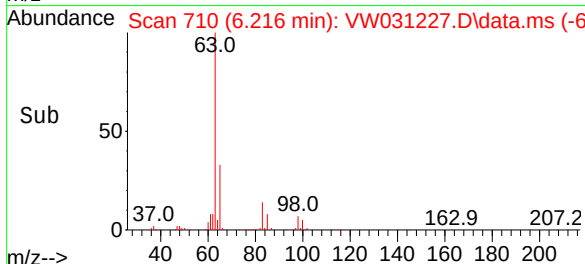
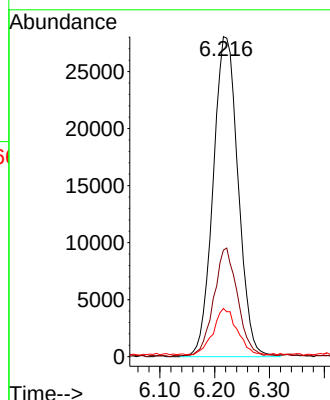
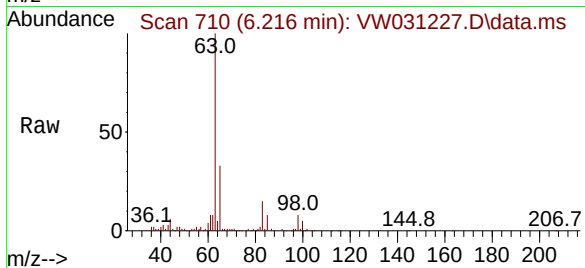
Tgt Ion: 63 Resp: 88900

Ion Ratio Lower Upper

63 100

65 33.3 21.9 40.7

83 15.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 4.568 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.007 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

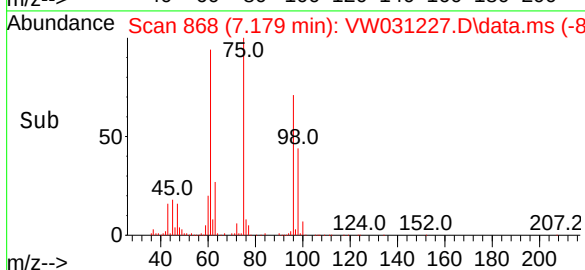
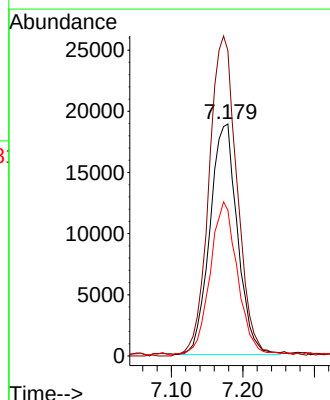
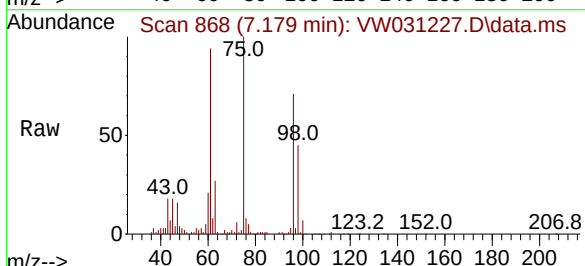
Tgt Ion: 96 Resp: 50565

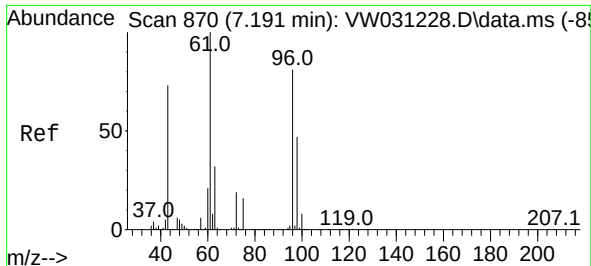
Ion Ratio Lower Upper

96 100

61 131.7 92.2 171.2

98 62.9 43.7 81.1





#22

2-Butanone

Concen: 7.930 ug/L

RT: 7.197 min Scan# 871

Delta R.T. 0.007 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

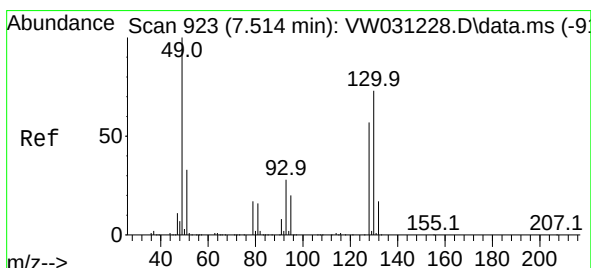
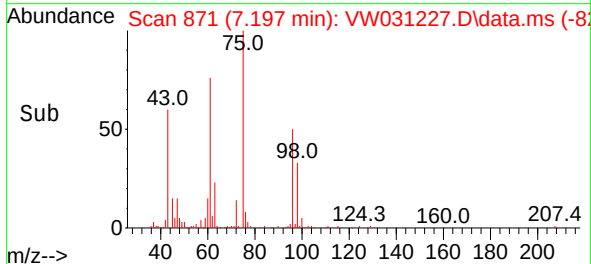
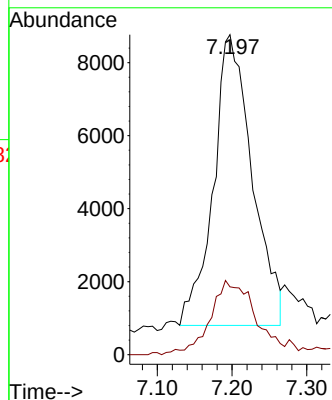
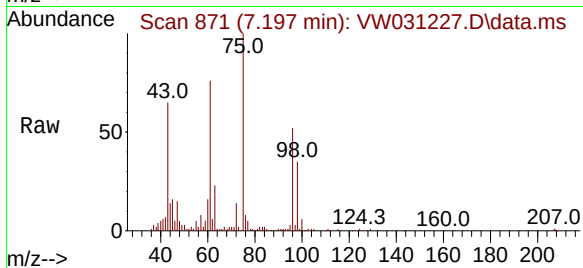
ClientSampleId :

Tgt Ion: 43 Resp: 28786

Ion Ratio Lower Upper

43 100

72 14.0 13.3 39.8



#23

Bromochloromethane

Concen: 4.595 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.007 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Tgt Ion: 128 Resp: 20287

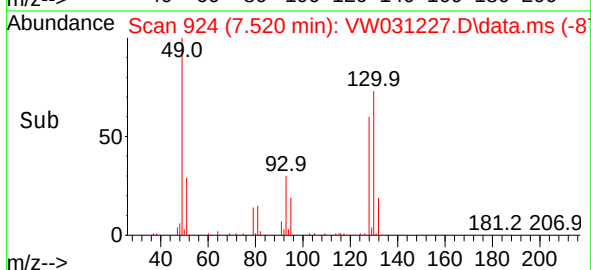
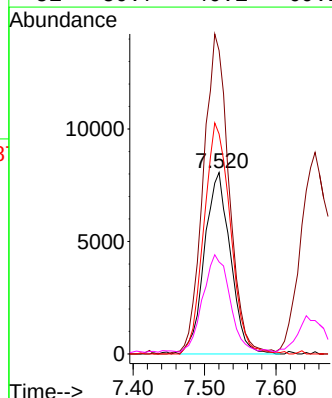
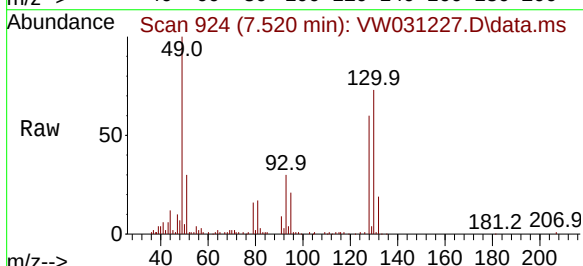
Ion Ratio Lower Upper

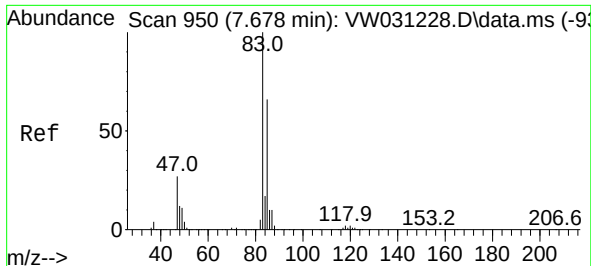
128 100

49 167.2 123.7 229.7

130 121.3 90.3 167.7

51 50.7 46.1 69.1





#25

Chloroform

Concen: 4.725 ug/L

RT: 7.679 min Scan# 90

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

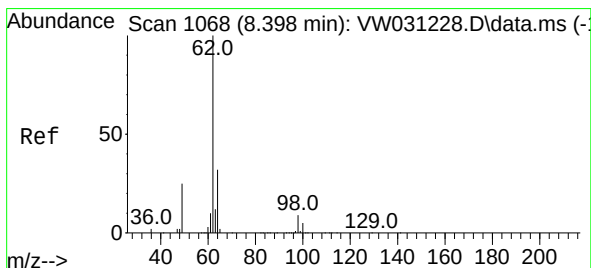
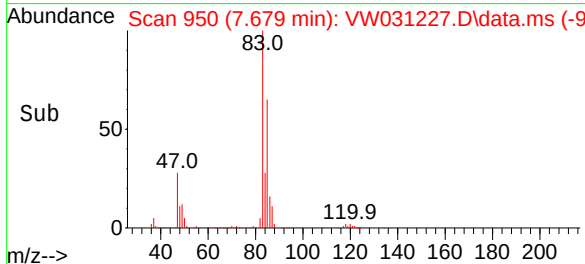
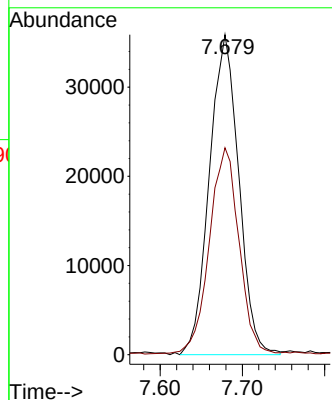
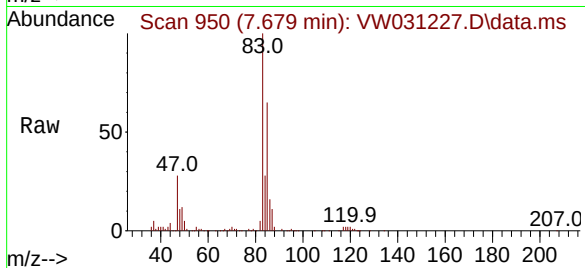
ClientSampleId :

Tgt Ion: 83 Resp: 89164

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.713 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.007 min

Lab File: VW031227.D

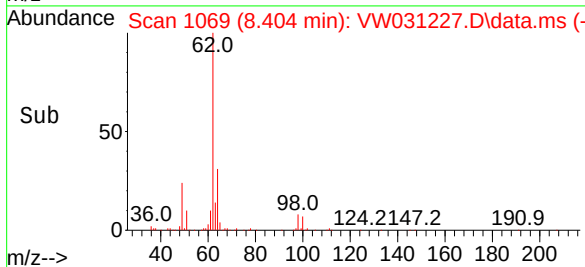
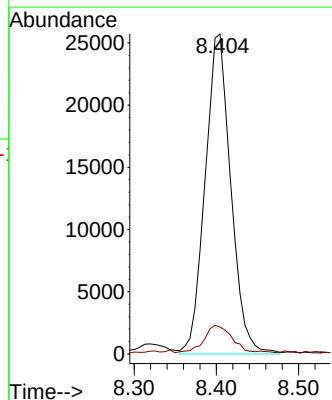
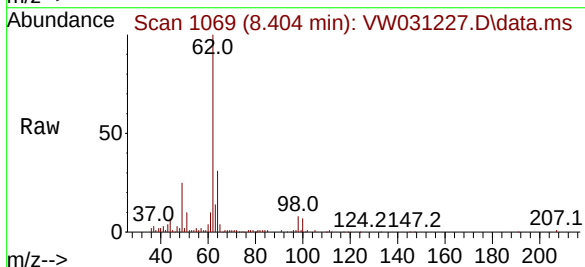
Acq: 13 Dec 2024 09:51

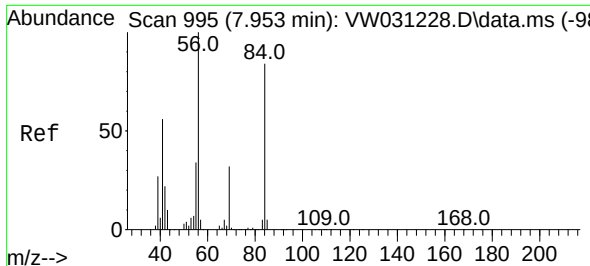
Tgt Ion: 62 Resp: 55910

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 4.475 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.007 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

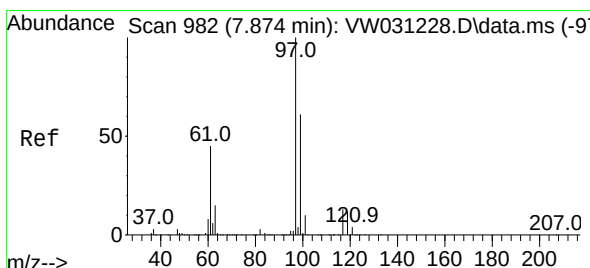
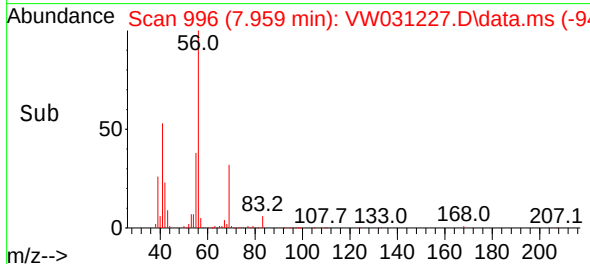
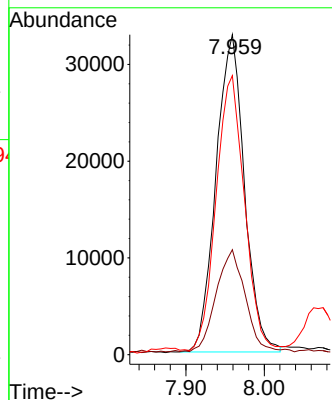
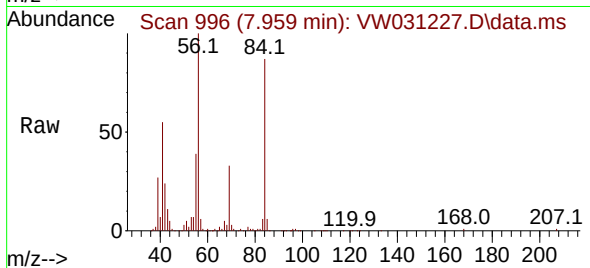
Tgt Ion: 56 Resp: 82902

Ion Ratio Lower Upper

56 100

69 32.9 25.0 37.4

84 88.8 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 4.542 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

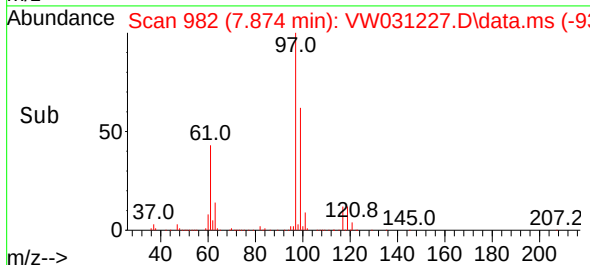
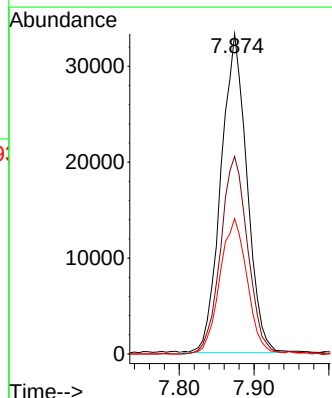
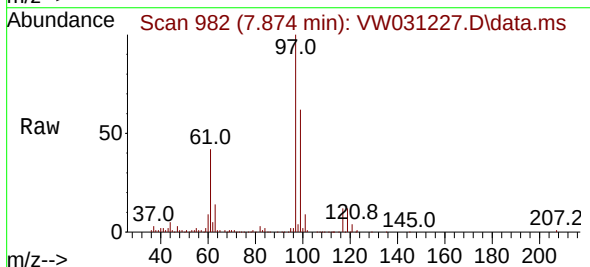
Tgt Ion: 97 Resp: 80196

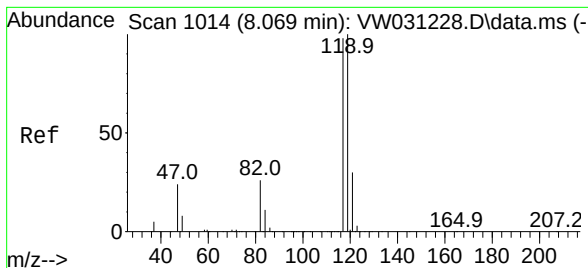
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 44.6 36.3 54.5

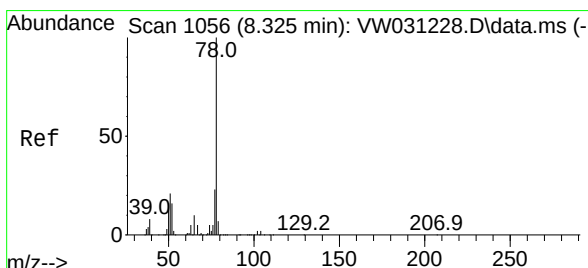
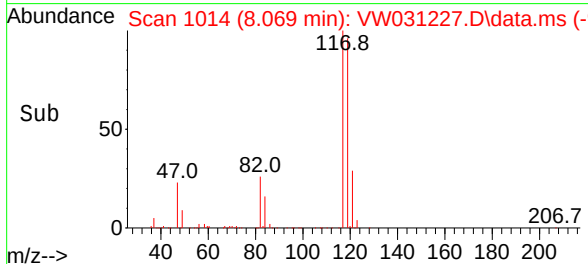
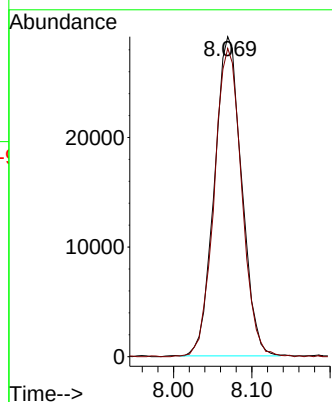
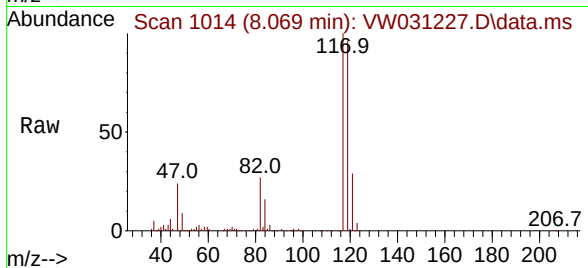




#31
Carbon tetrachloride
Concen: 4.481 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

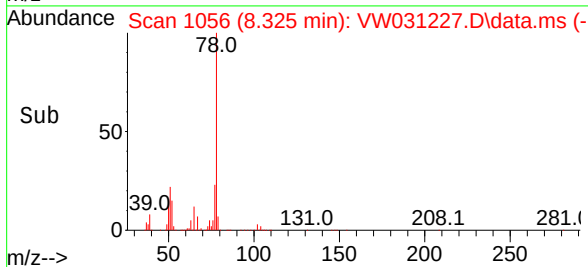
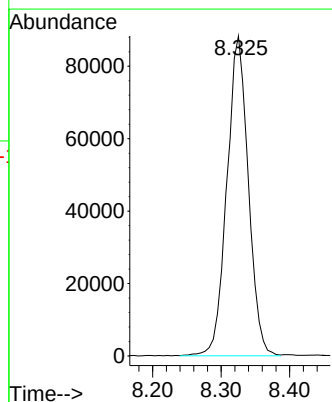
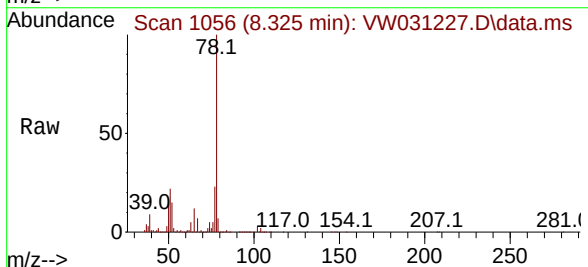
Instrument :
MSVOA_W
ClientSampleId :

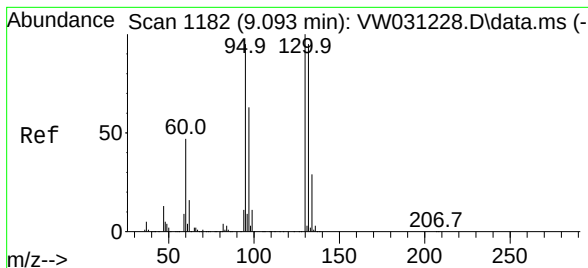
Tgt Ion:117 Resp: 70482
Ion Ratio Lower Upper
117 100
119 97.3 76.0 114.0



#33
Benzene
Concen: 4.545 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 78 Resp: 191857





#34

Trichloroethene

Concen: 4.574 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

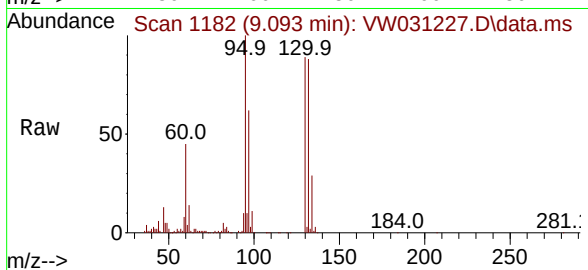
Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 54509

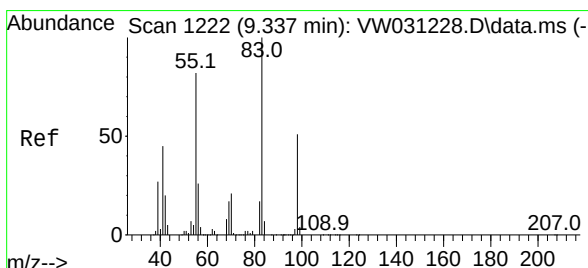
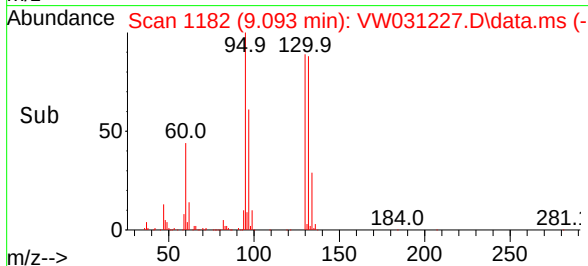
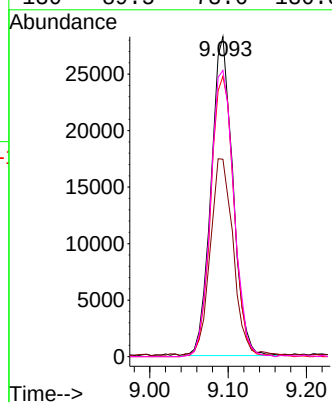
Ion Ratio Lower Upper

95 100

97 61.7 46.5 86.3

132 87.6 70.3 130.5

130 89.5 73.6 136.8



#35

Methylcyclohexane

Concen: 4.605 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

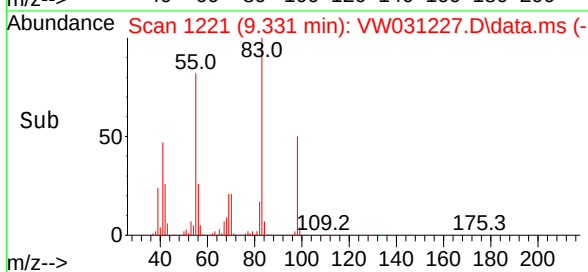
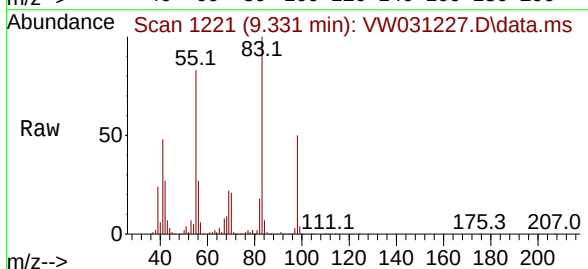
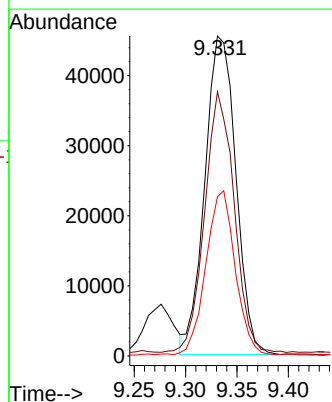
Tgt Ion: 83 Resp: 95587

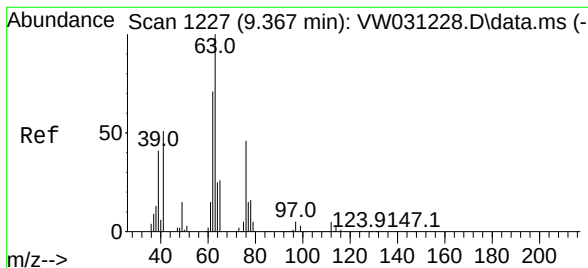
Ion Ratio Lower Upper

83 100

55 77.8 62.6 93.8

98 48.6 39.8 59.6





#37

1,2-Dichloropropane

Concen: 4.562 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

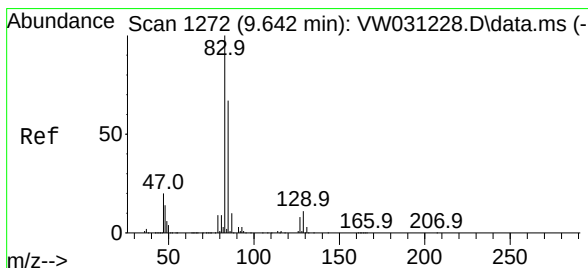
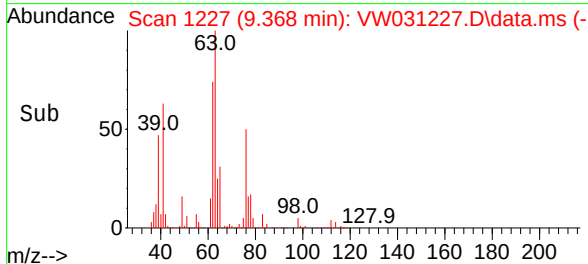
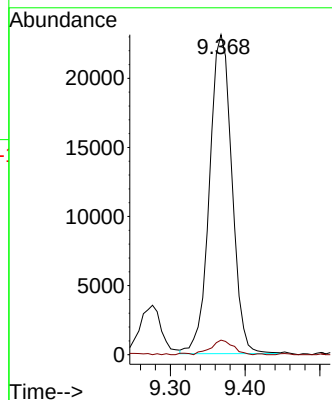
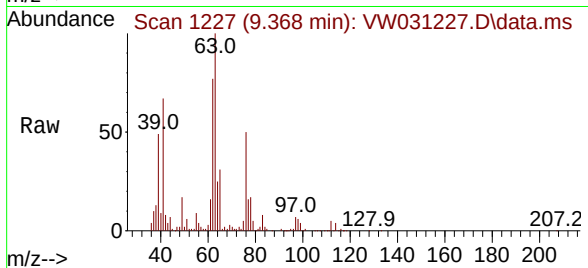
ClientSampleId :

Tgt Ion: 63 Resp: 48043

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 4.532 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

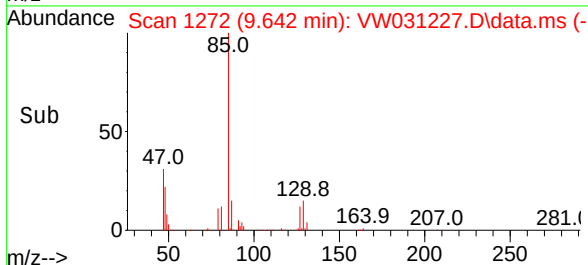
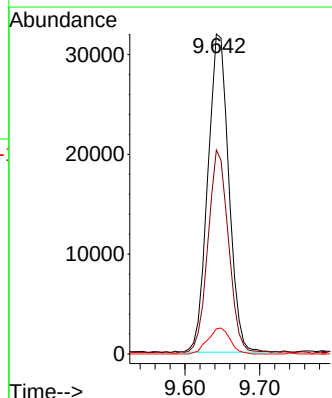
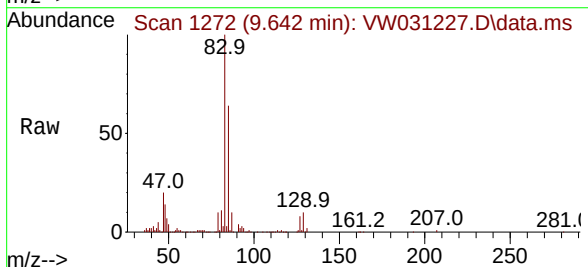
Tgt Ion: 83 Resp: 62053

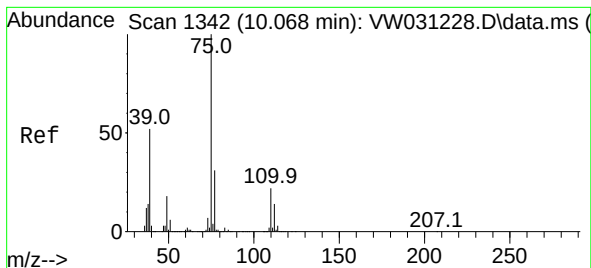
Ion Ratio Lower Upper

83 100

85 63.7 46.5 86.5

127 7.8 6.2 9.4

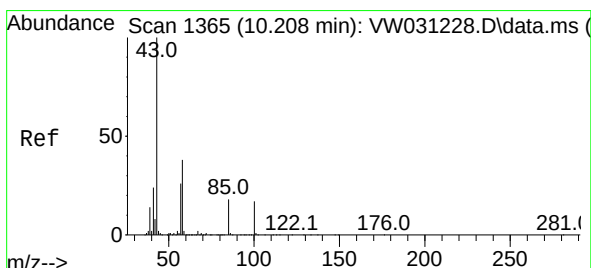
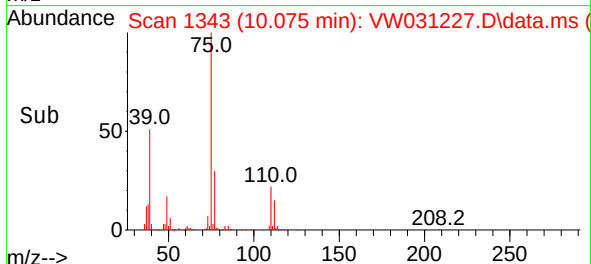
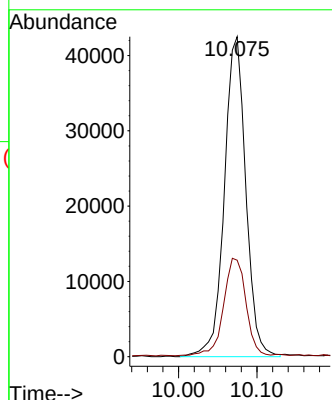
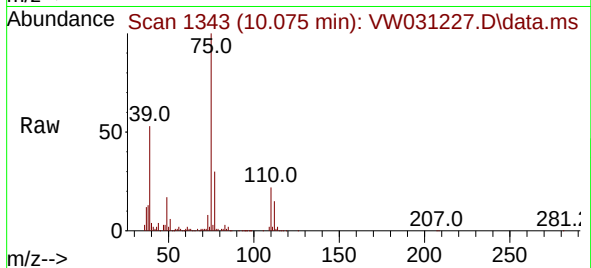




#39
cis-1,3-Dichloropropene
Concen: 4.555 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.007 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

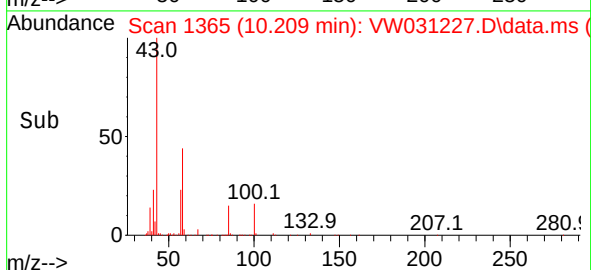
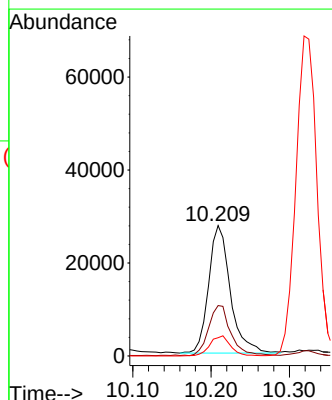
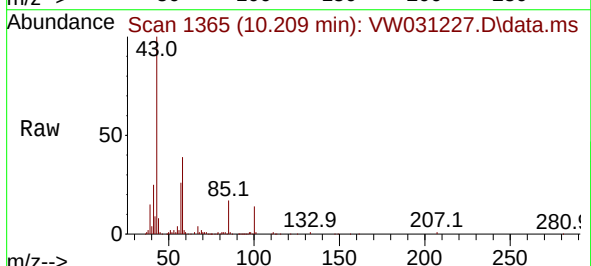
Instrument :
MSVOA_W
ClientSampleId :

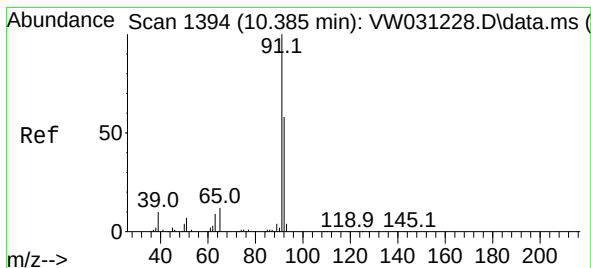
Tgt Ion: 75 Resp: 81055
Ion Ratio Lower Upper
75 100
77 30.1 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 9.458 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 43 Resp: 52843
Ion Ratio Lower Upper
43 100
58 39.8 31.1 46.7
100 15.1 13.0 19.6





#42

Toluene

Concen: 4.571 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

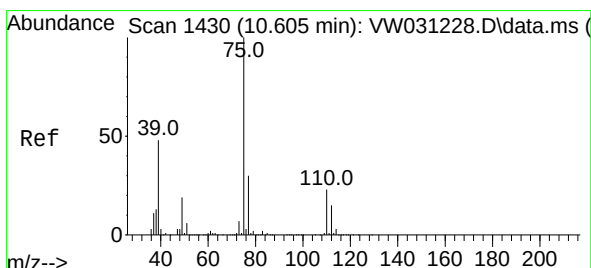
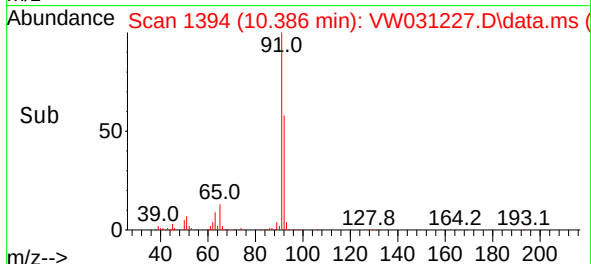
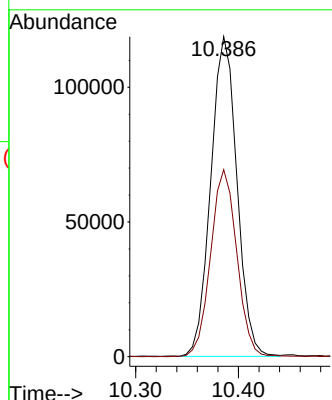
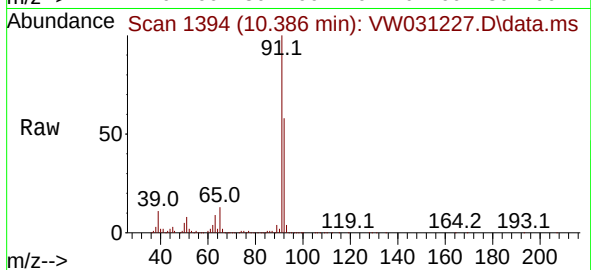
ClientSampleId :

Tgt Ion: 91 Resp: 210092

Ion Ratio Lower Upper

91 100

92 58.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.614 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031227.D

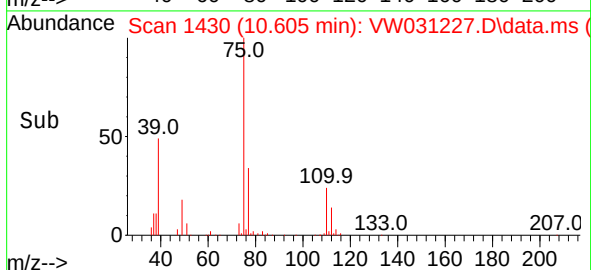
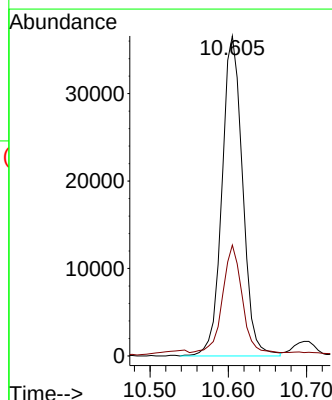
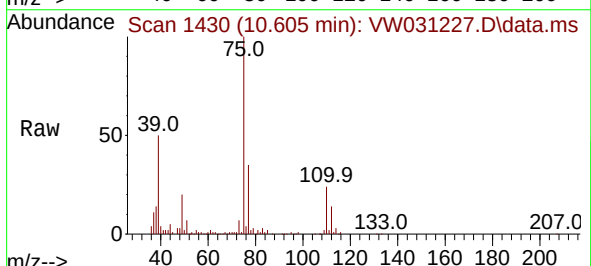
Acq: 13 Dec 2024 09:51

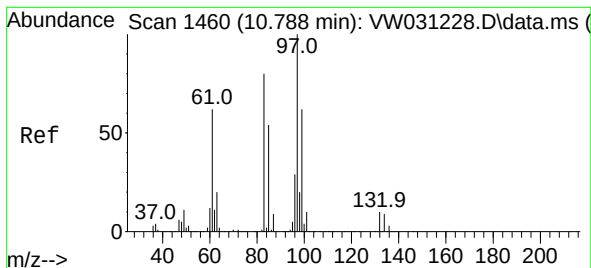
Tgt Ion: 75 Resp: 67039

Ion Ratio Lower Upper

75 100

77 34.6 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 4.511 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 31598

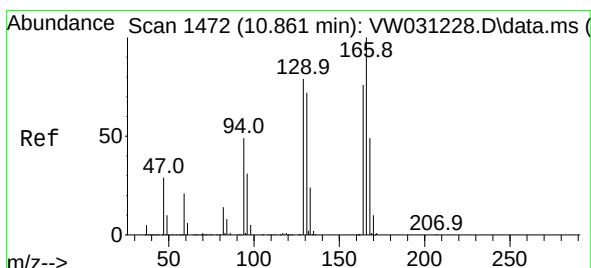
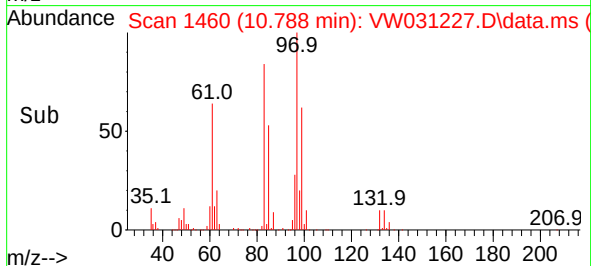
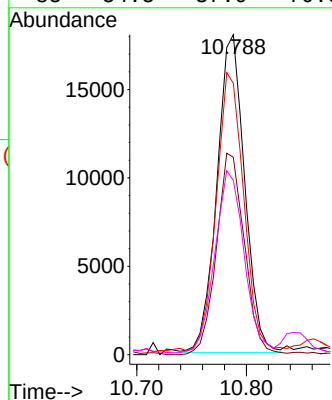
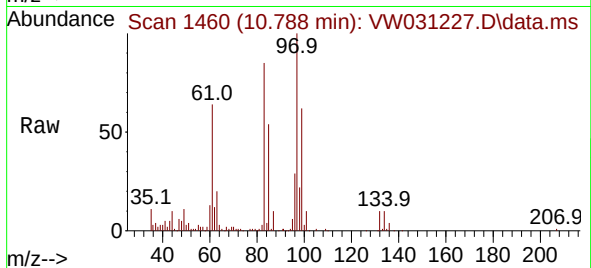
Ion Ratio Lower Upper

97 100

99 61.7 43.0 80.0

83 84.8 56.4 104.7

85 54.5 37.9 70.3



#46

Tetrachloroethene

Concen: 4.577 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Tgt Ion:164 Resp: 39954

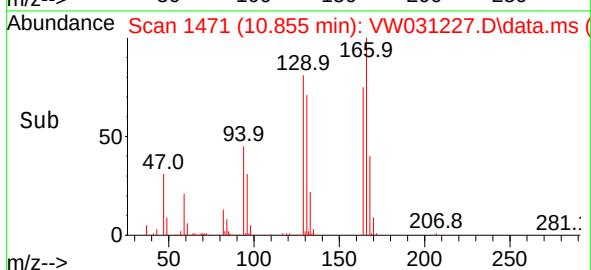
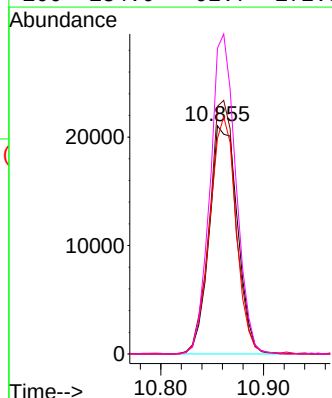
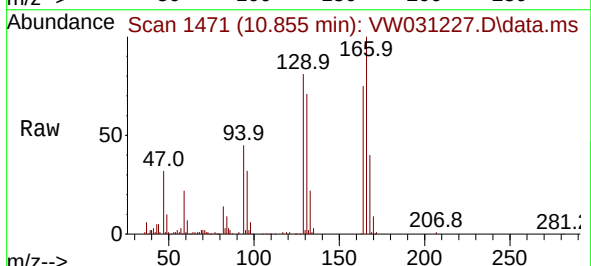
Ion Ratio Lower Upper

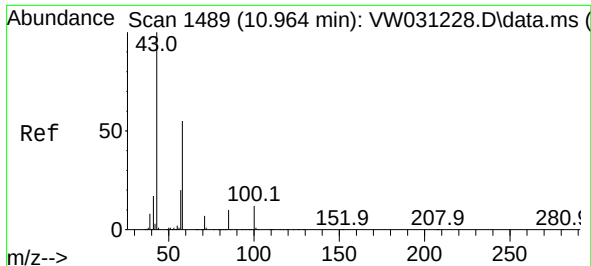
164 100

129 108.6 73.5 136.5

131 94.5 66.6 123.8

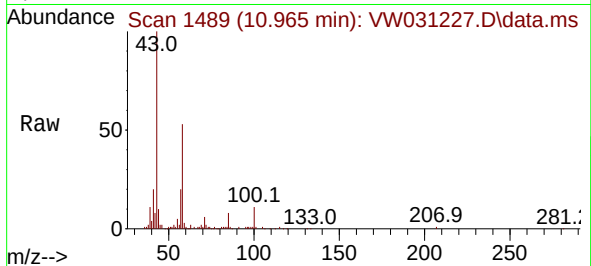
166 134.0 92.7 172.3





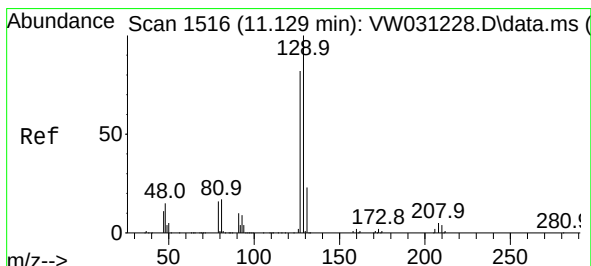
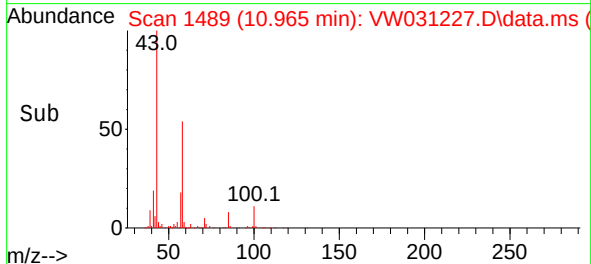
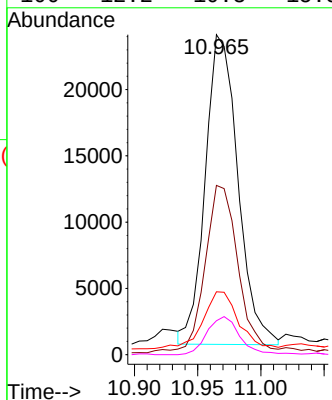
#48
2-Hexanone
Concen: 8.833 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 41972

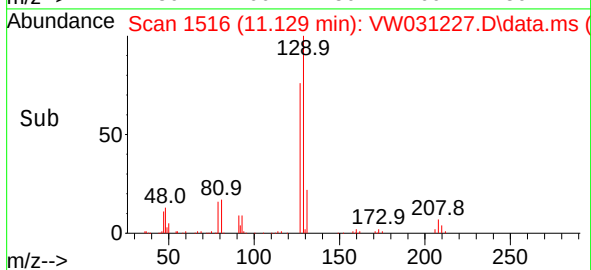
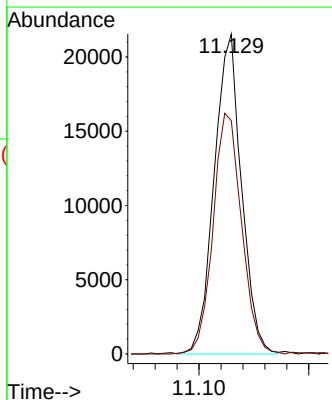
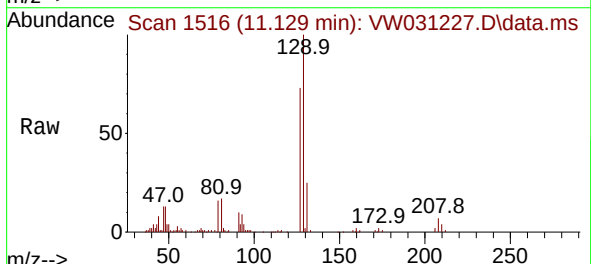
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.0	64.6
57	21.5	15.7	23.5
100	12.2	10.3	15.5

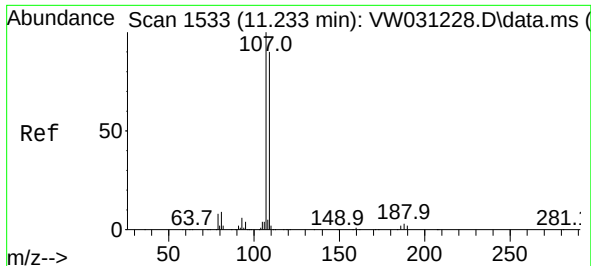


#49
Dibromochloromethane
Concen: 4.490 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion: 129 Resp: 37279

Ion	Ratio	Lower	Upper
129	100		
127	72.9	57.6	107.0





#50

1,2-Dibromoethane

Concen: 4.620 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031227.D

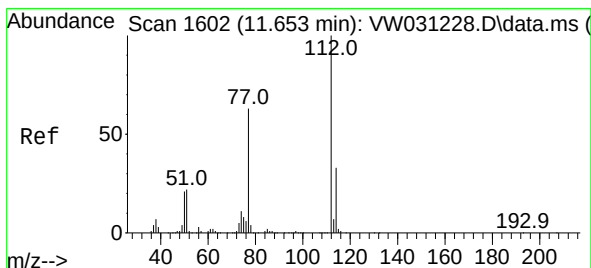
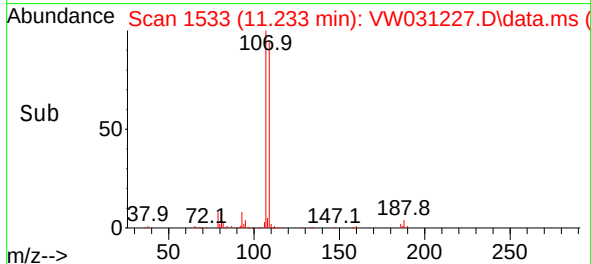
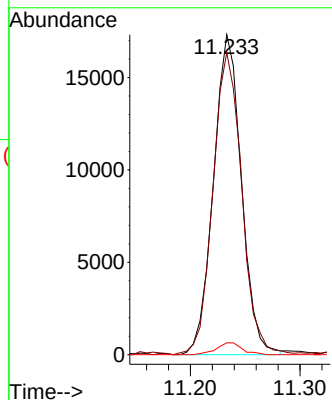
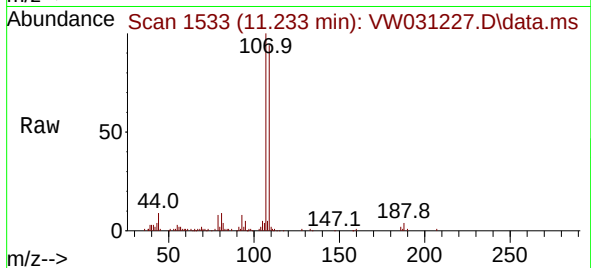
Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	30654
Ion Ratio	Lower	Upper
107	100	
109	94.4	63.2 117.4
188	3.7	2.6 4.0



#51

Chlorobenzene

Concen: 4.555 ug/L

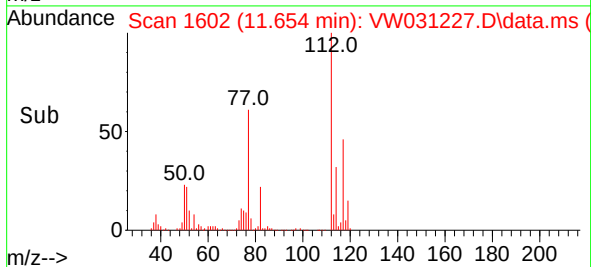
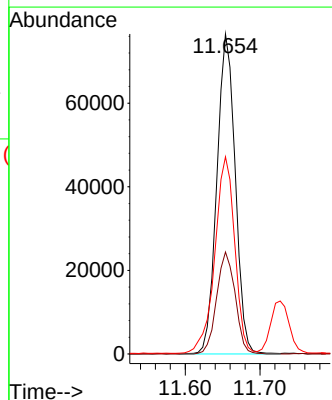
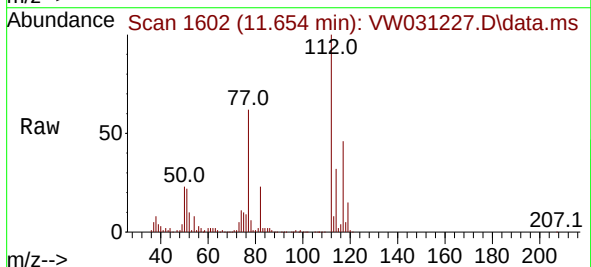
RT: 11.654 min Scan# 1602

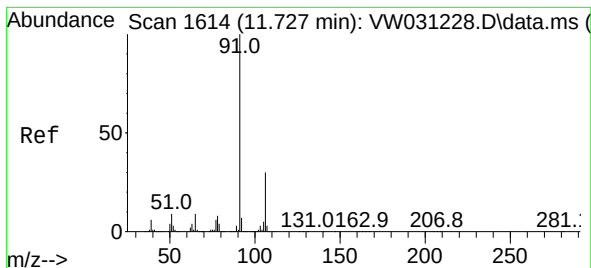
Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Tgt Ion:112	Resp:	131265
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.7 42.3
77	61.6	50.2 75.4

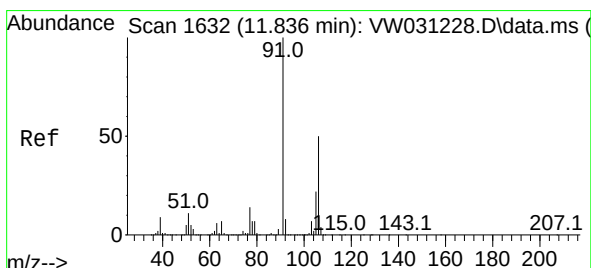
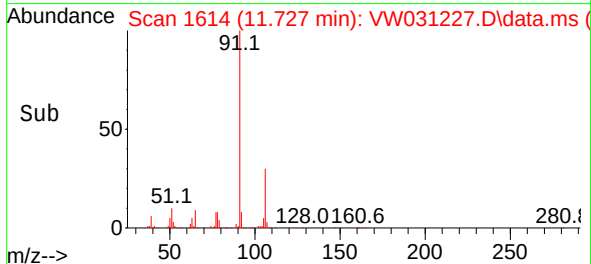
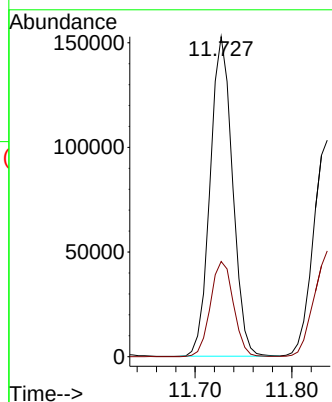
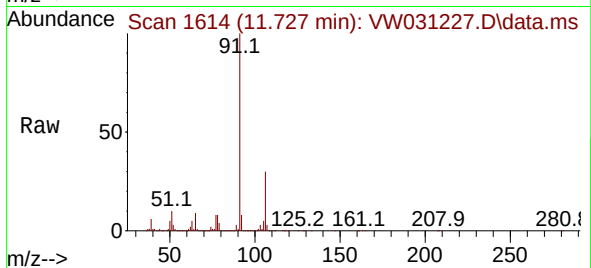




#52
Ethylbenzene
Concen: 4.604 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

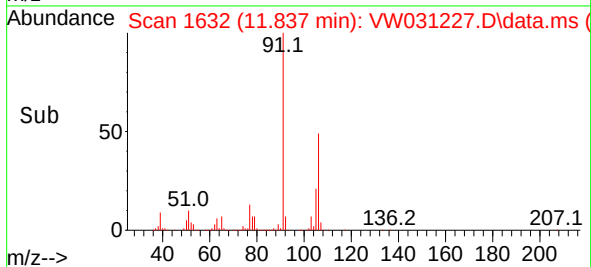
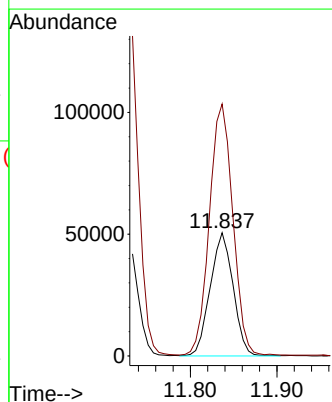
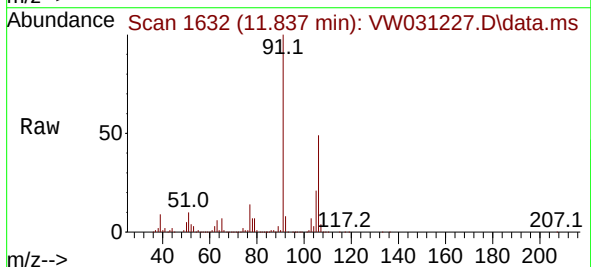
Instrument :
MSVOA_W
ClientSampleId :

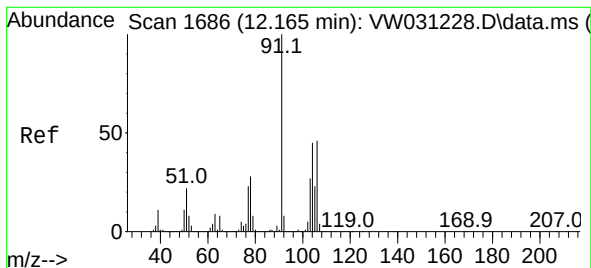
Tgt Ion: 91 Resp: 245237
Ion Ratio Lower Upper
91 100
106 29.8 20.7 38.5



#53
m,p-Xylene
Concen: 4.595 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion:106 Resp: 93177
Ion Ratio Lower Upper
106 100
91 204.7 139.9 259.7





#54

o-Xylene

Concen: 4.546 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

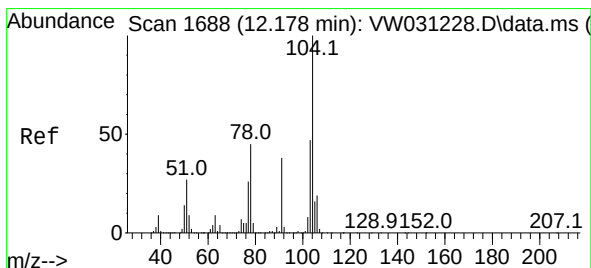
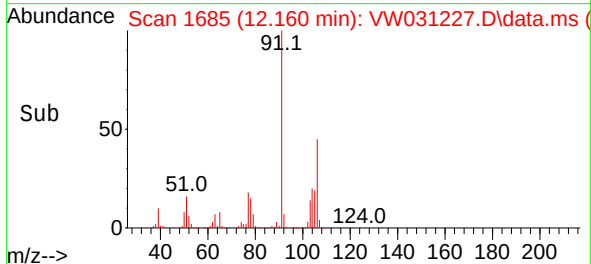
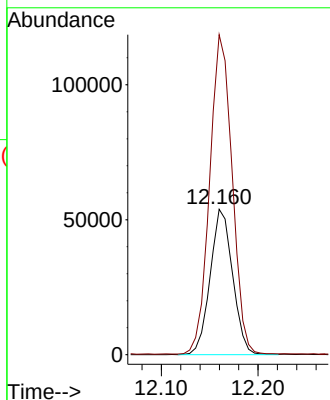
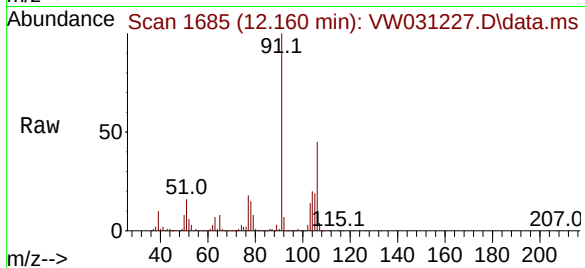
ClientSampleId :

Tgt Ion:106 Resp: 86871

Ion Ratio Lower Upper

106 100

91 220.0 153.1 284.3



#55

Styrene

Concen: 4.606 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031227.D

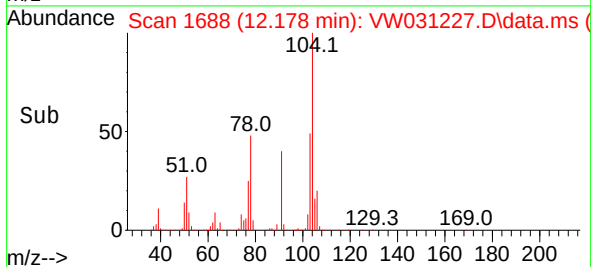
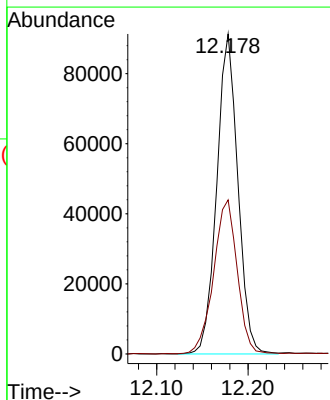
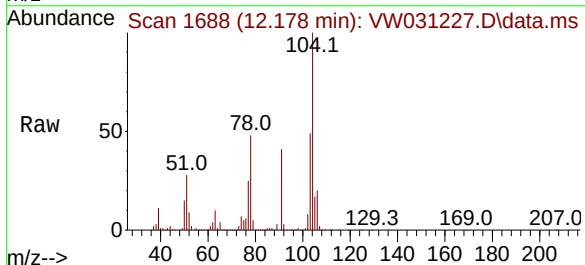
Acq: 13 Dec 2024 09:51

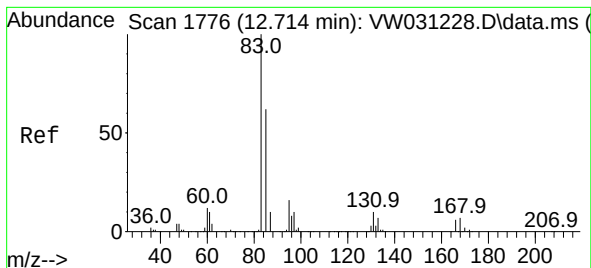
Tgt Ion:104 Resp: 146421

Ion Ratio Lower Upper

104 100

78 48.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.823 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031227.D

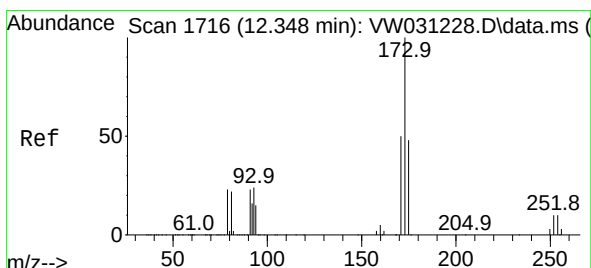
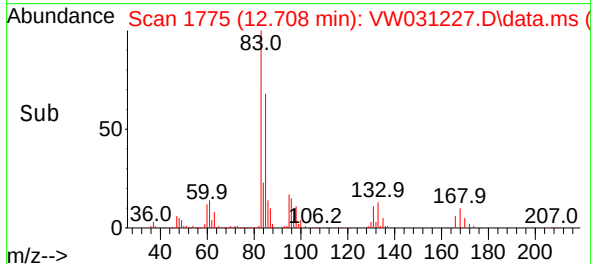
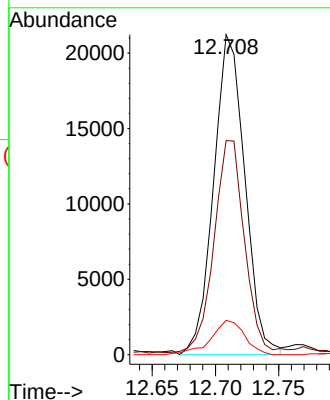
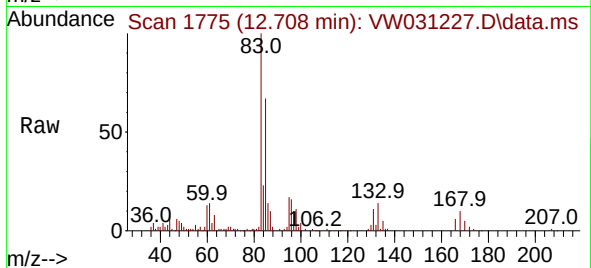
Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	36431
Ion Ratio	Lower	Upper	
83	100		
85	66.9	44.1	81.9
131	10.7	7.9	11.9



#59

Bromoform

Concen: 4.470 ug/L

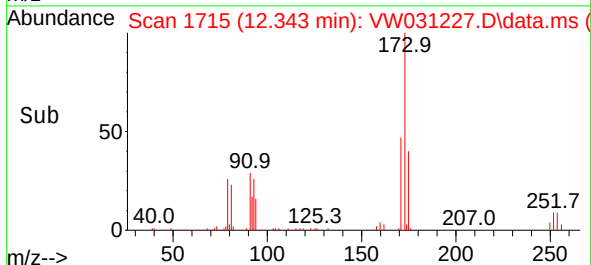
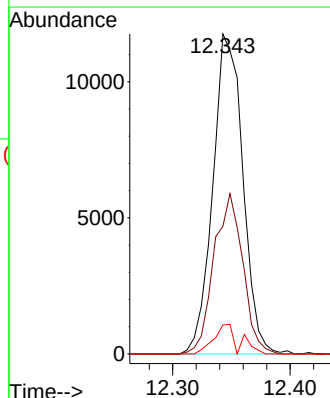
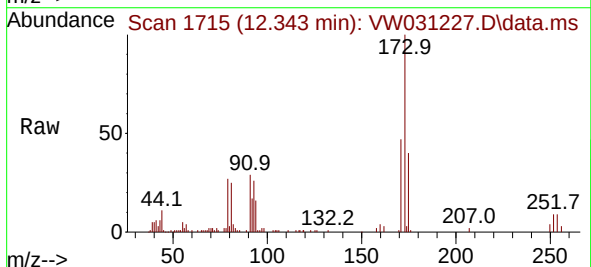
RT: 12.343 min Scan# 1715

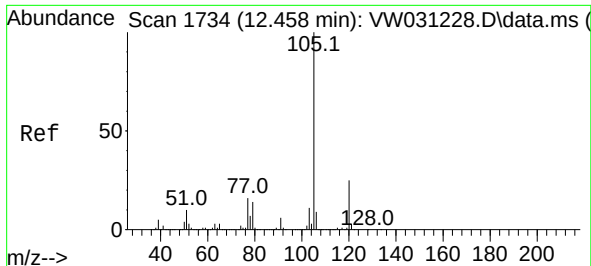
Delta R.T. -0.006 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

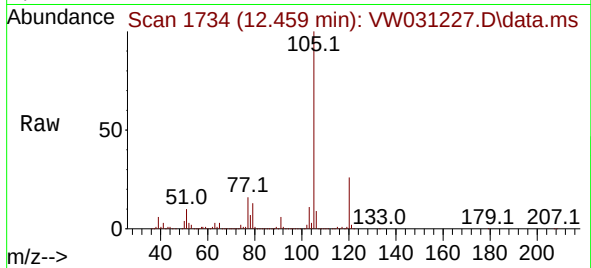
Tgt Ion:	173	Resp:	20817
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.6	57.8
254	5.8	7.6	11.4#



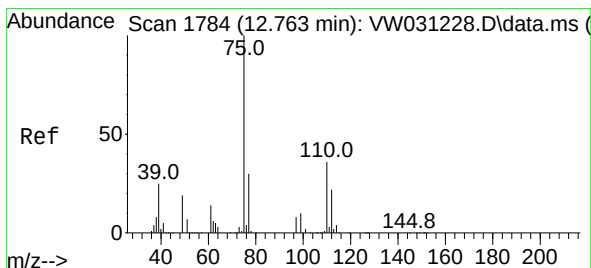
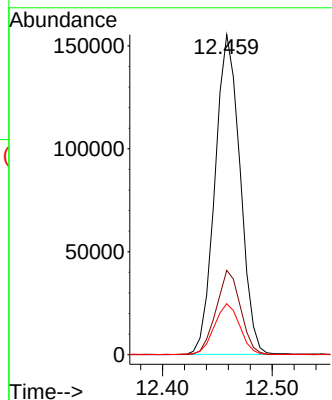
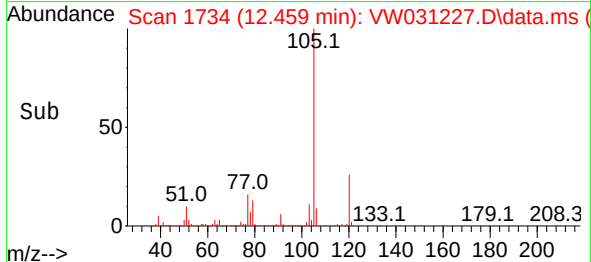


#60
Isopropylbenzene
Concen: 4.560 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

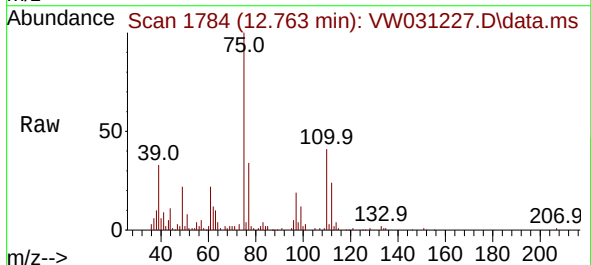
Instrument :
MSVOA_W
ClientSampleId :



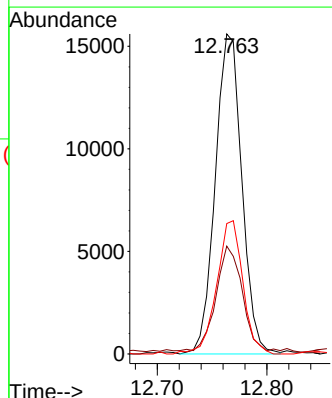
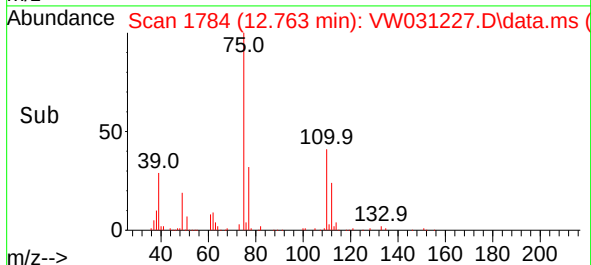
Tgt Ion:105 Resp: 247422
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.0 12.8 19.2

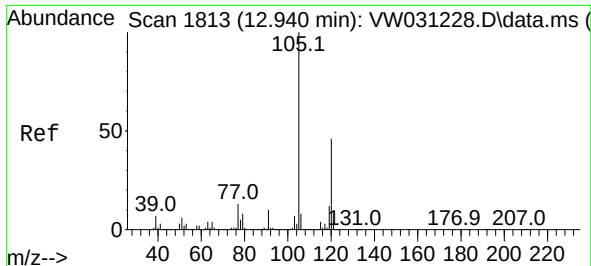


#61
1,2,3-Trichloropropane
Concen: 4.637 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51



Tgt Ion: 75 Resp: 26304
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 41.0 31.2 46.8

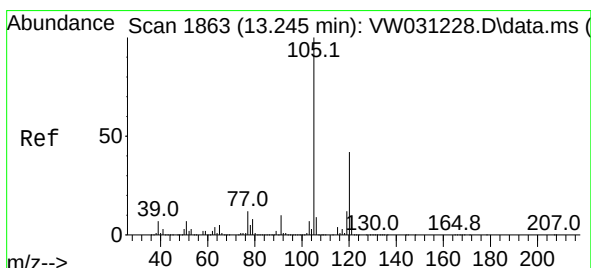
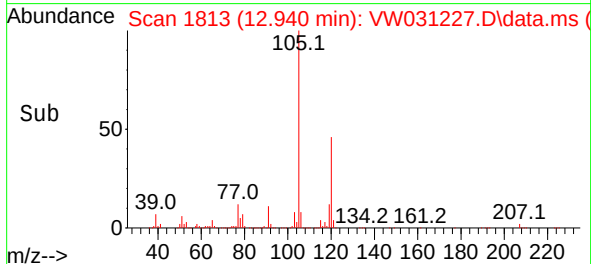
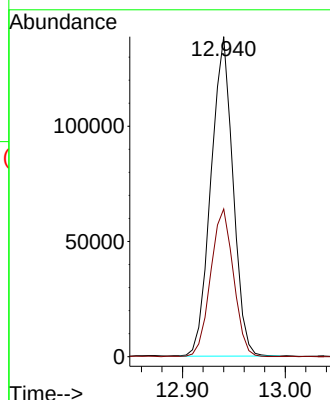
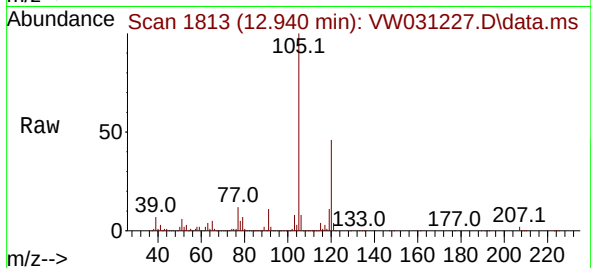




#62
1,3,5-Trimethylbenzene
Concen: 4.488 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

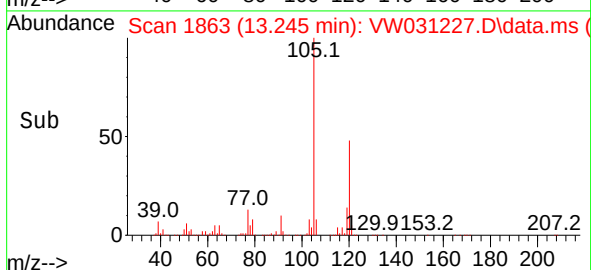
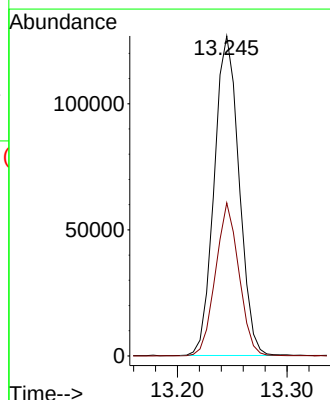
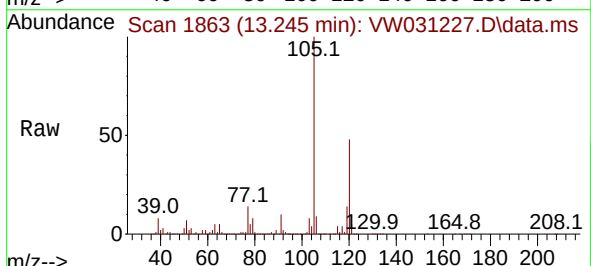
Instrument :
MSVOA_W
ClientSampleId :

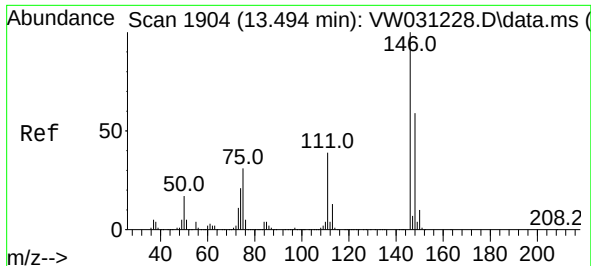
Tgt Ion:105 Resp: 206454
Ion Ratio Lower Upper
105 100
120 47.9 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 4.493 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

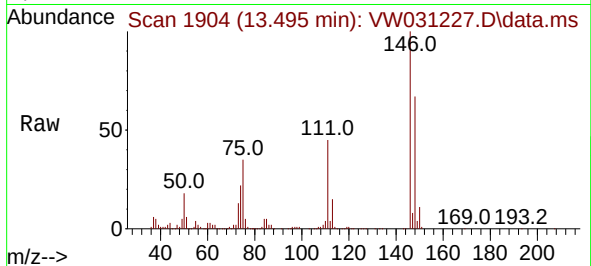
Tgt Ion:105 Resp: 199754
Ion Ratio Lower Upper
105 100
120 45.3 35.0 52.4



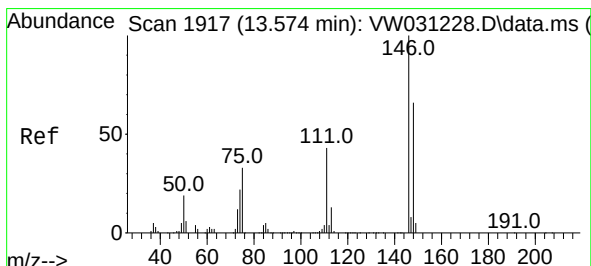
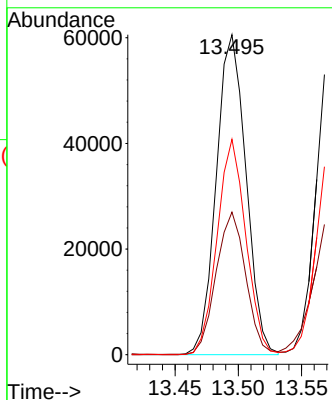
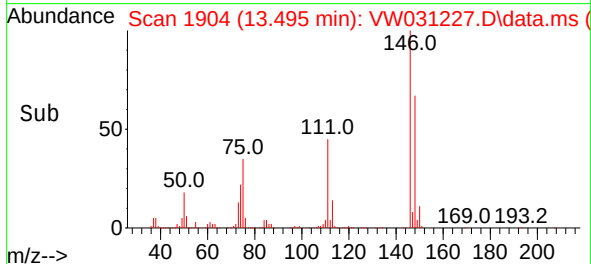


#64
1,3-Dichlorobenzene
Concen: 4.498 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

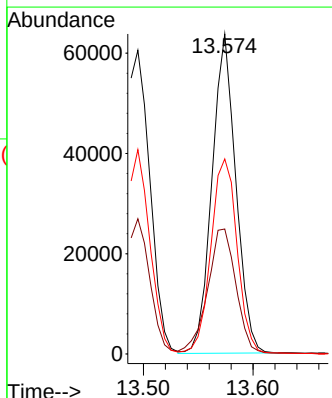
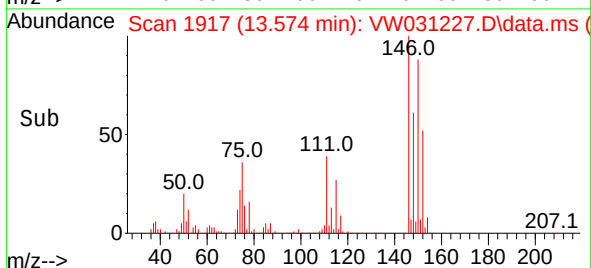
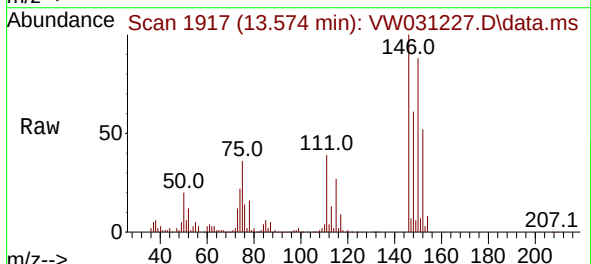


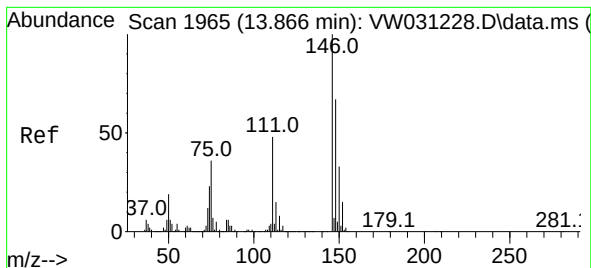
Tgt Ion:146 Resp: 98872
Ion Ratio Lower Upper
146 100
111 44.5 27.6 51.2
148 67.3 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 4.433 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031227.D
Acq: 13 Dec 2024 09:51

Tgt Ion:146 Resp: 96551
Ion Ratio Lower Upper
146 100
111 39.1 30.7 56.9
148 61.0 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 4.456 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

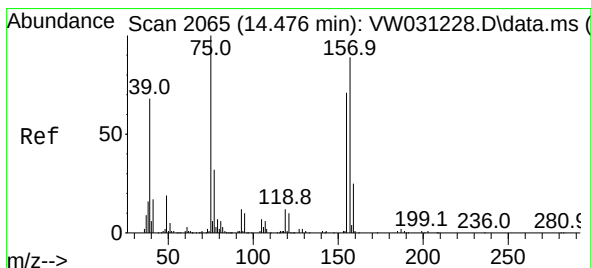
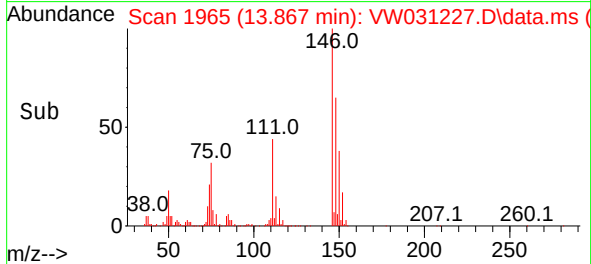
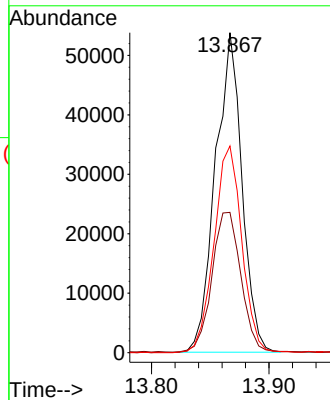
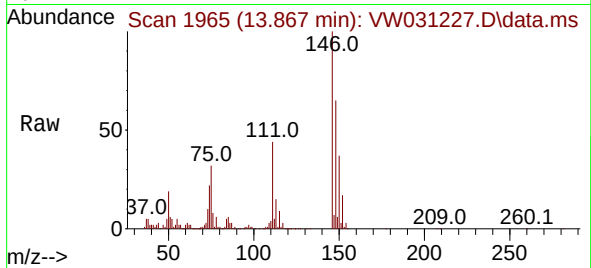
Tgt Ion:146 Resp: 84399

Ion Ratio Lower Upper

146 100

111 43.9 38.6 58.0

148 64.6 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.662 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.007 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

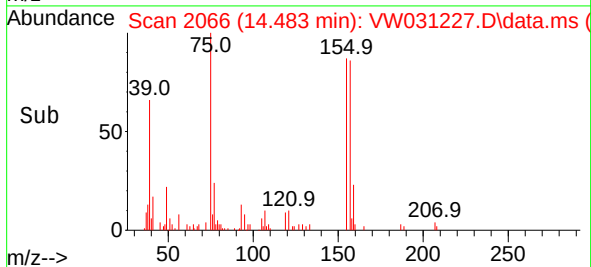
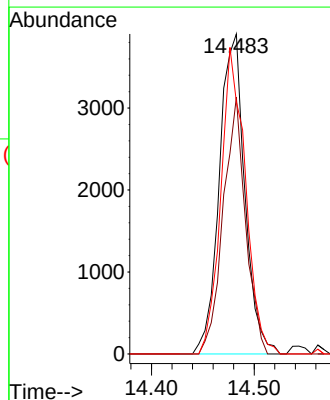
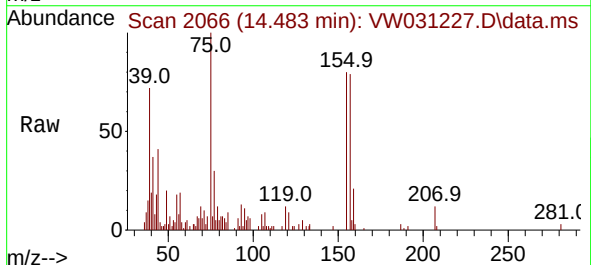
Tgt Ion: 75 Resp: 6712

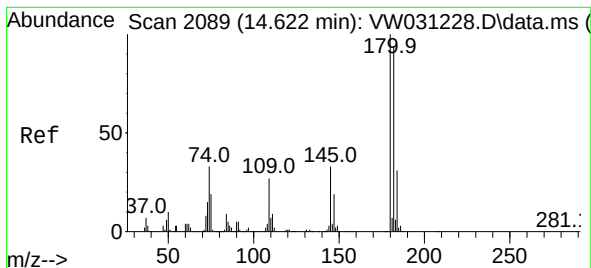
Ion Ratio Lower Upper

75 100

155 80.3 56.6 85.0

157 78.8 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 4.755 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

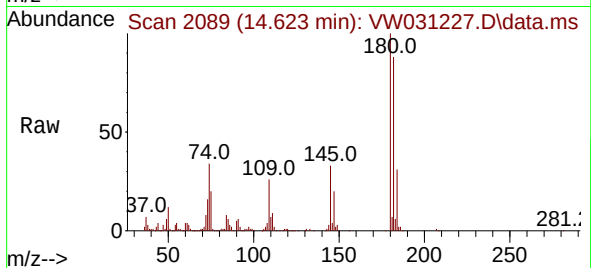
Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 73205

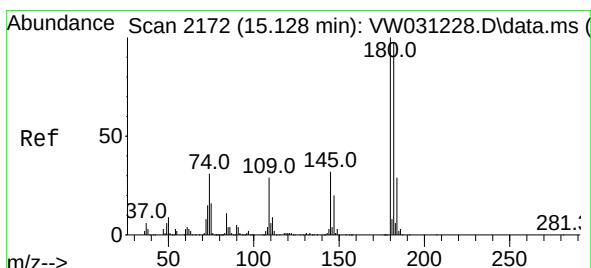
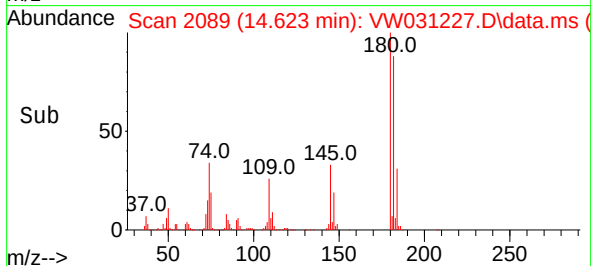
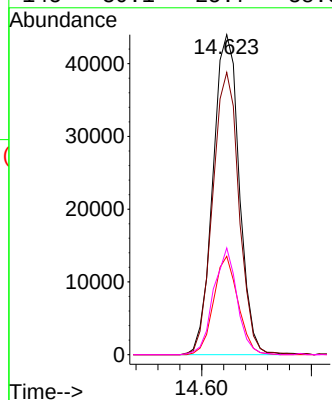
Ion Ratio Lower Upper

180 100

182 88.4 75.0 112.4

184 28.6 24.6 36.8

145 30.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 4.759 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031227.D

Acq: 13 Dec 2024 09:51

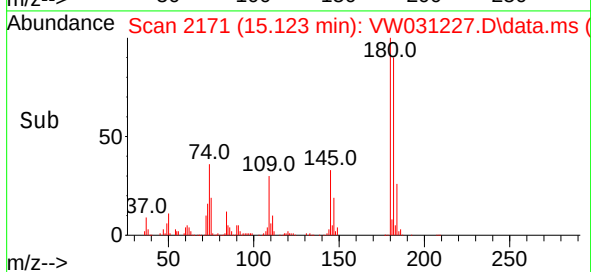
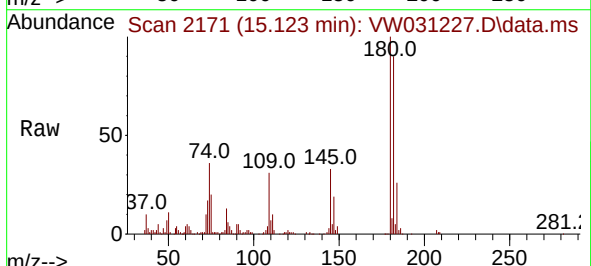
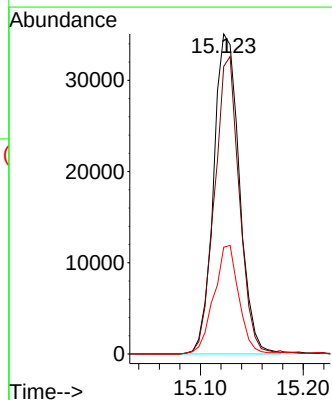
Tgt Ion:180 Resp: 60941

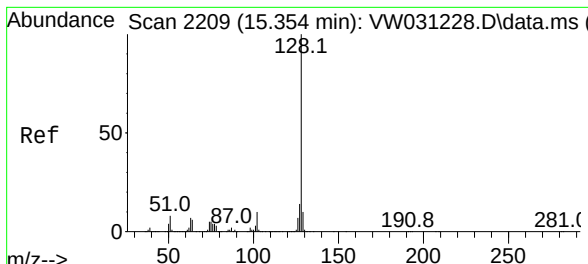
Ion Ratio Lower Upper

180 100

182 89.4 78.2 117.2

145 32.9 26.7 40.1



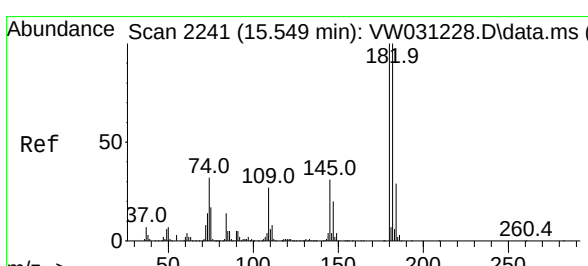
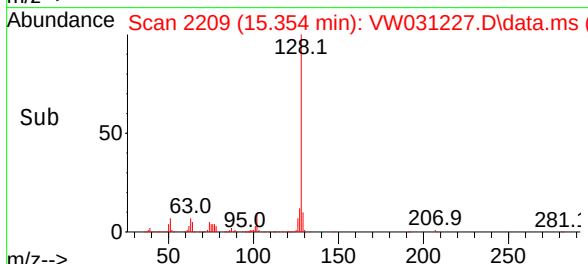
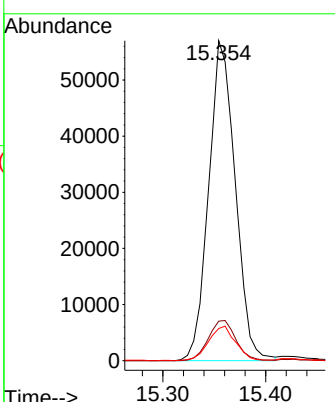
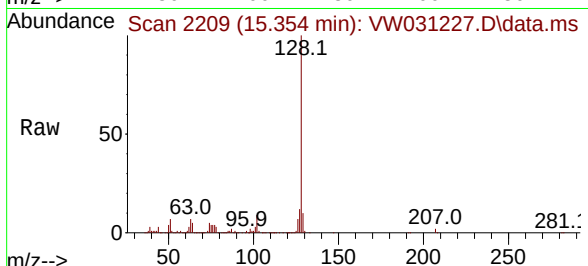


#71
 Naphthalene
 Concen: 4.562 ug/L
 RT: 15.354 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VW031227.D
 Acq: 13 Dec 2024 09:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 102424

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.0	8.6	13.0



#72
 1,2,3-Trichlorobenzene
 Concen: 4.569 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: VW031227.D
 Acq: 13 Dec 2024 09:51

Tgt Ion:180 Resp: 47143

Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.0	112.4
145	36.0	27.8	41.6

