

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031228.D
 Acq On : 13 Dec 2024 10:15
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:08:51 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	743197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	299839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	275473	24.635	ug/L	0.00
7) Chloroethane-d5	2.899	69	194625	23.663	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	128284	24.185	ug/L	0.00
21) 2-Butanone-d5	7.099	46	103313	49.034	ug/L	0.00
24) Chloroform-d	7.648	84	485772	23.856	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	244344	23.893	ug/L	0.00
32) Benzene-d6	8.276	84	974950	24.177	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	279770	23.804	ug/L	0.00
41) Toluene-d8	10.318	98	898812	23.959	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	132508	24.452	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	82644	52.288	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184554	25.010	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	263113	23.637	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	188620	28.082	ug/L	100
3) Chloromethane	2.222	50	188096	24.928	ug/L	100
5) Vinyl chloride	2.368	62	278945	26.675	ug/L	100
6) Bromomethane	2.789	94	168399	26.194	ug/L	100
8) Chloroethane	2.935	64	162619	26.149	ug/L	100
9) Trichlorofluoromethane	3.265	101	291784	26.192	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	242326	26.909	ug/L	100
12) 1,1-Dichloroethene	4.039	96	236846	25.996	ug/L	100
13) Acetone	4.179	43	150116	49.355	ug/L #	100
14) Carbon disulfide	4.386	76	777632	26.171	ug/L	100
15) Methyl Acetate	4.691	43	85112	25.912	ug/L	100
16) Methylene chloride	4.923	84	234293	25.034	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	256454	26.113	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	430203	26.203	ug/L	100
19) 1,1-Dichloroethane	6.215	63	471489	25.691	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	269576	25.370	ug/L	100
22) 2-Butanone	7.191	43	187645	53.850	ug/L	100
23) Bromochloromethane	7.514	128	107891	25.460	ug/L	100
25) Chloroform	7.678	83	462910	25.558	ug/L	100
27) 1,2-Dichloroethane	8.398	62	298115	26.180	ug/L	100
29) Cyclohexane	7.953	56	456701	26.766	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	424584	26.109	ug/L	100
31) Carbon tetrachloride	8.069	117	385567	26.613	ug/L	100
33) Benzene	8.325	78	1016961	26.156	ug/L	100
34) Trichloroethene	9.093	95	282616	25.746	ug/L	100
35) Methylcyclohexane	9.337	83	505618	26.449	ug/L	100
37) 1,2-Dichloropropane	9.367	63	252163	25.998	ug/L	100
38) Bromodichloromethane	9.642	83	331958	26.326	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	431746	26.341	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	275910	53.616	ug/L	100
42) Toluene	10.385	91	1099023	25.962	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	355929	26.595	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031228.D
 Acq On : 13 Dec 2024 10:15
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:08:51 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

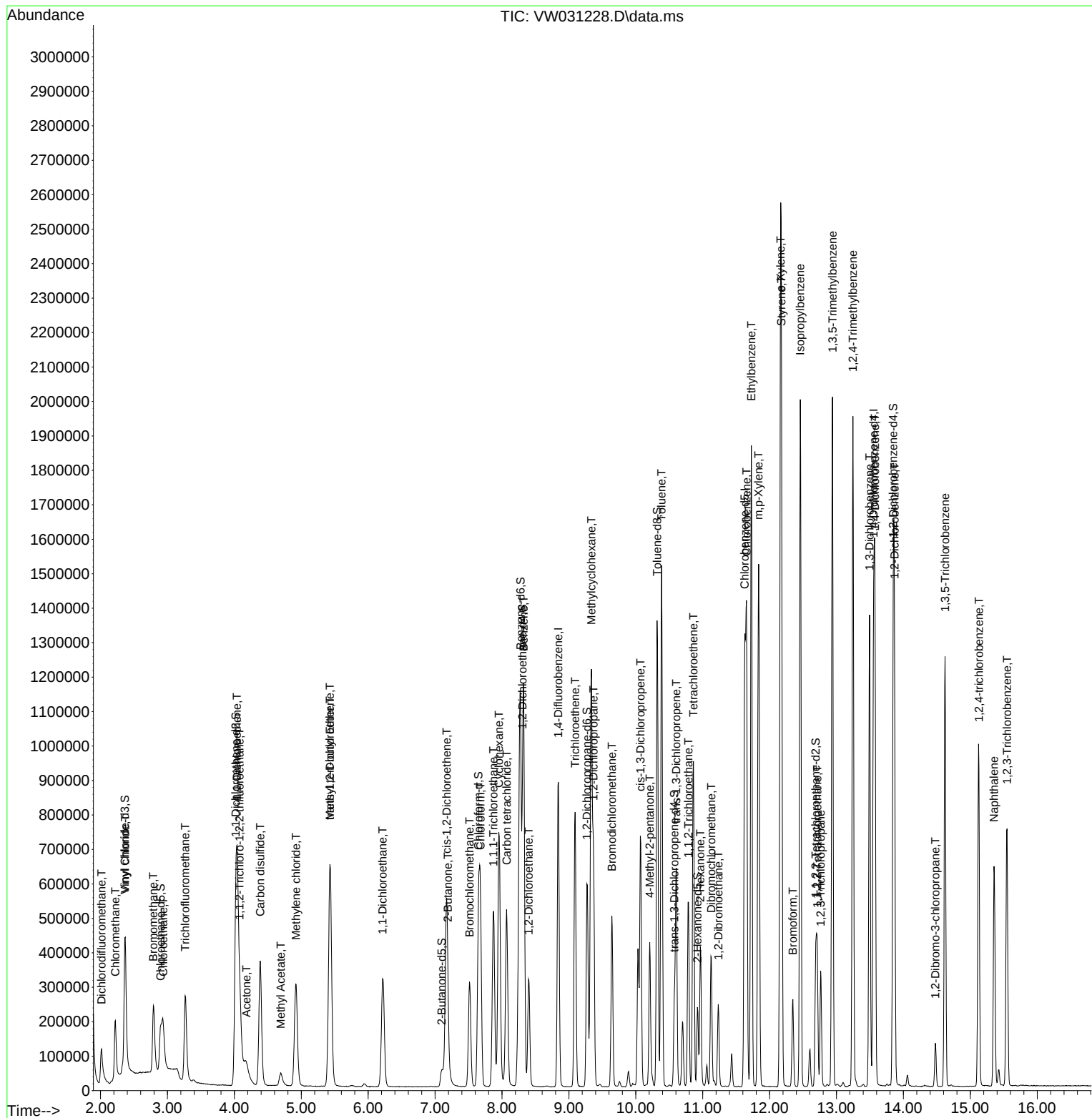
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	169859	26.330	ug/L	100
46) Tetrachloroethene	10.861	164	212710	26.455	ug/L	100
48) 2-Hexanone	10.964	43	261320	59.708	ug/L	100
49) Dibromochloromethane	11.129	129	204985	26.804	ug/L	100
50) 1,2-Dibromoethane	11.233	107	163985	26.832	ug/L	100
51) Chlorobenzene	11.653	112	690879	26.030	ug/L	100
52) Ethylbenzene	11.727	91	1292917	26.353	ug/L	100
53) m,p-Xylene	11.836	106	482348	25.826	ug/L	100
54) o-Xylene	12.165	106	461784	26.234	ug/L	100
55) Styrene	12.178	104	781770	26.700	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	184950	26.583	ug/L	100
59) Bromoform	12.348	173	115570	27.437	ug/L	100
60) Isopropylbenzene	12.458	105	1292587	26.343	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	138465	26.987	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1088514	26.166	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1076440	26.772	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	527641	26.541	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	510923	25.939	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	440128	25.695	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	34592	26.568	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	375375	26.960	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	304255	26.270	ug/L	100
71) Naphthalene	15.354	128	553453	27.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	250829	26.880	ug/L	100

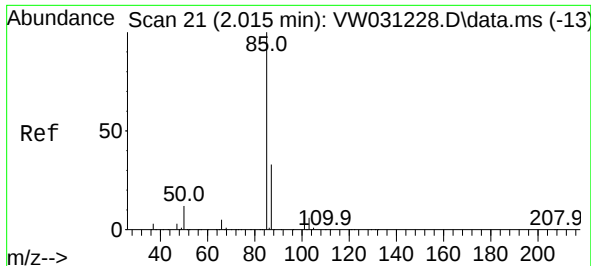
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031228.D
Acq On : 13 Dec 2024 10:15
Operator : SY/MD
Sample : VSTD025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 14 00:08:51 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

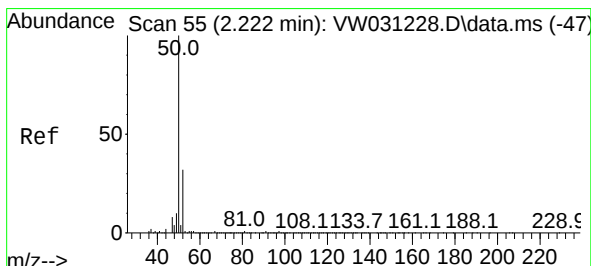
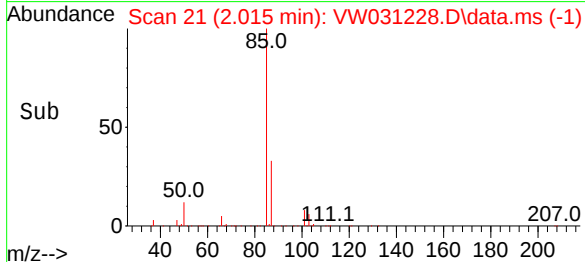
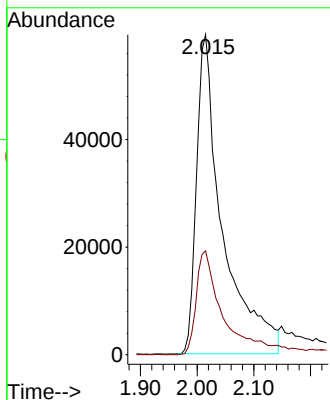
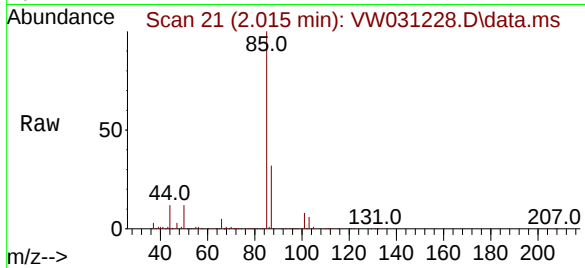




#2
Dichlorodifluoromethane
Concen: 28.082 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

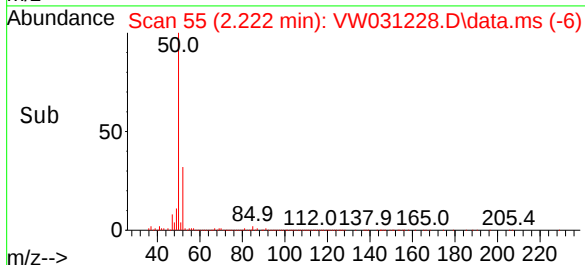
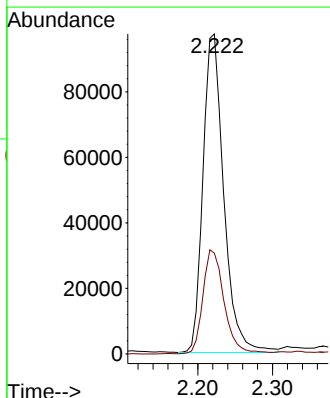
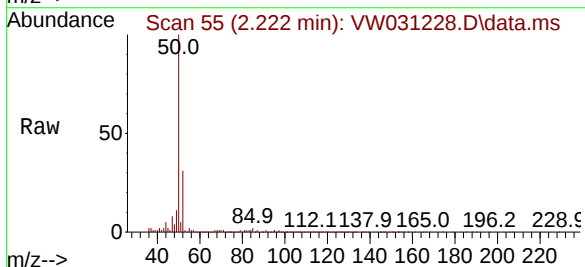
Instrument :
MSVOA_W
ClientSampleId :

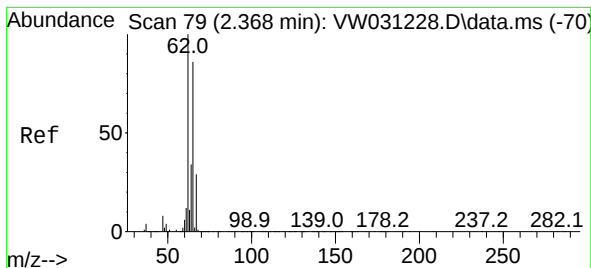
Tgt Ion: 85 Resp: 188620
Ion Ratio Lower Upper
85 100
87 31.1 24.9 37.3



#3
Chloromethane
Concen: 24.928 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 50 Resp: 188096
Ion Ratio Lower Upper
50 100
52 31.5 22.0 41.0





#5

Vinyl chloride

Concen: 26.675 ug/L

RT: 2.368 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

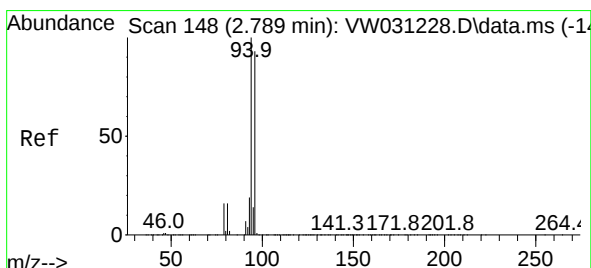
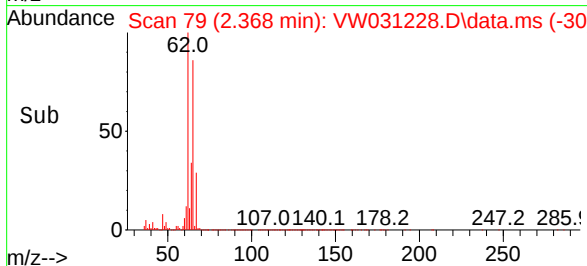
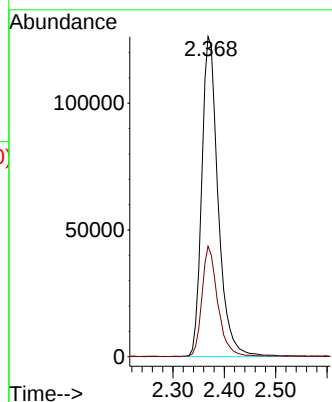
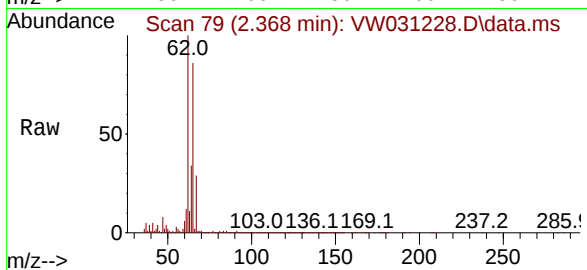
ClientSampleId :

Tgt Ion: 62 Resp: 278945

Ion Ratio Lower Upper

62 100

64 34.5 24.1 44.8



#6

Bromomethane

Concen: 26.194 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031228.D

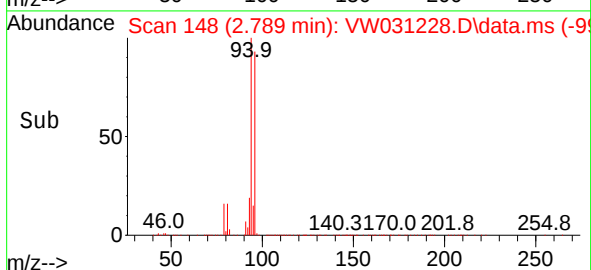
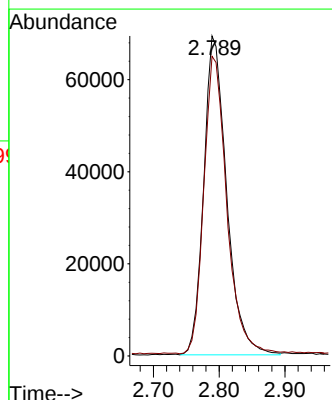
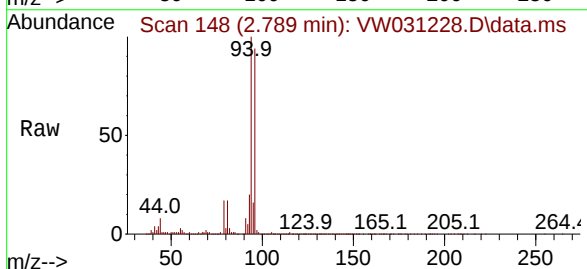
Acq: 13 Dec 2024 10:15

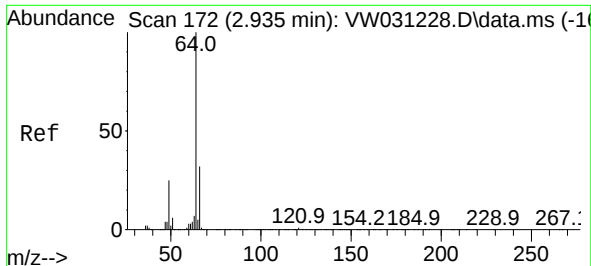
Tgt Ion: 94 Resp: 168399

Ion Ratio Lower Upper

94 100

96 93.7 65.6 121.8

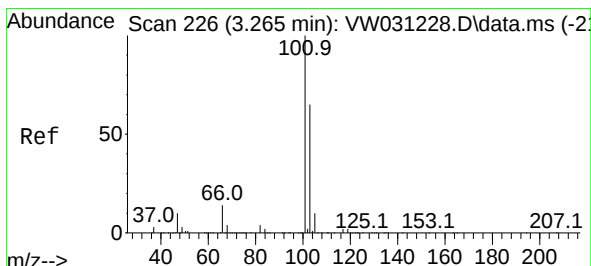
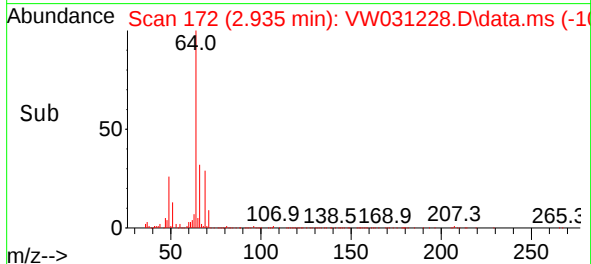
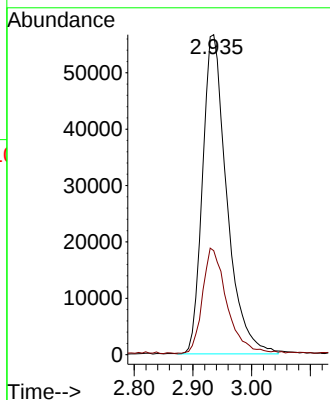
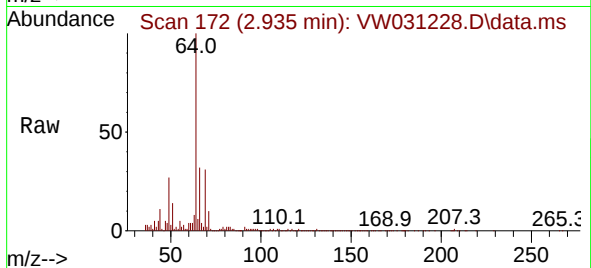




#8
Chloroethane
Concen: 26.149 ug/L
RT: 2.935 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

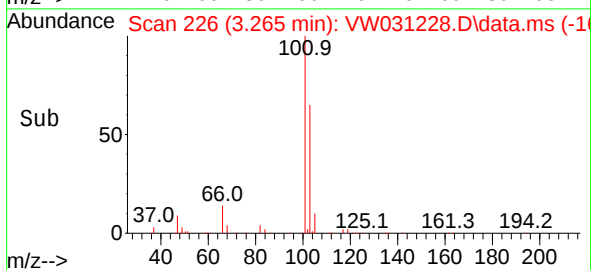
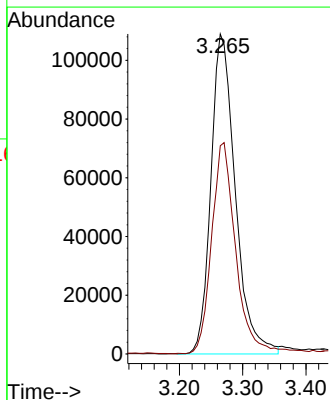
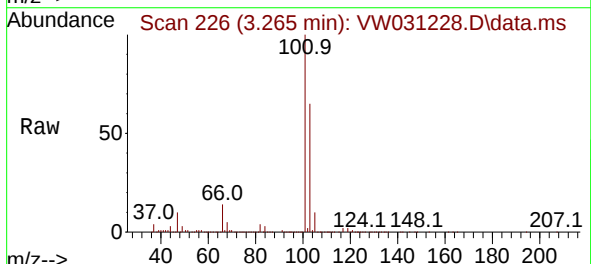
Instrument :
MSVOA_W
ClientSampleId :

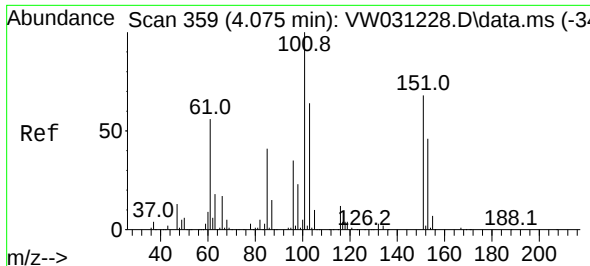
Tgt Ion: 64 Resp: 162619
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 26.192 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 101 Resp: 291784
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 26.909 ug/L

RT: 4.075 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

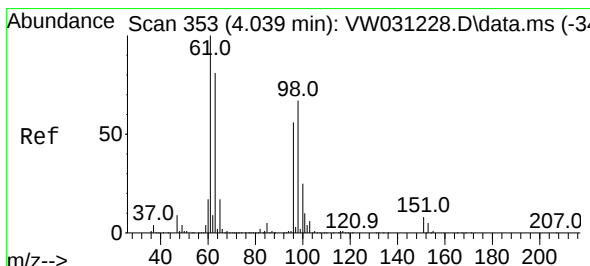
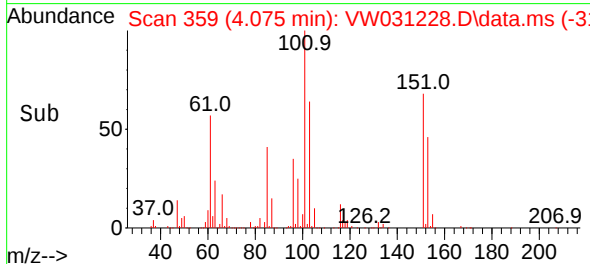
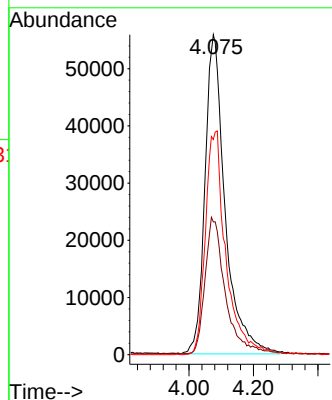
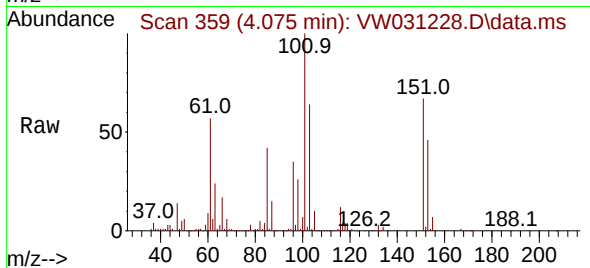
Tgt Ion:101 Resp: 242326

Ion Ratio Lower Upper

101 100

85 41.2 33.0 49.4

151 68.5 54.8 82.2



#12

1,1-Dichloroethene

Concen: 25.996 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

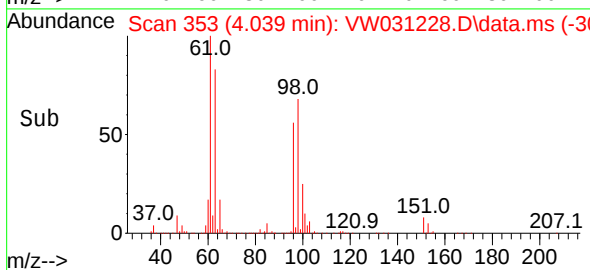
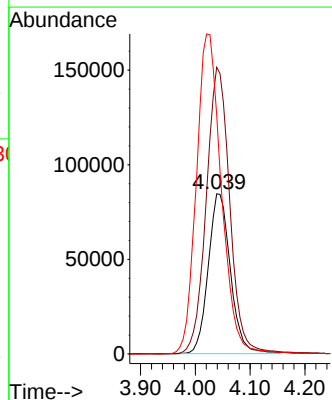
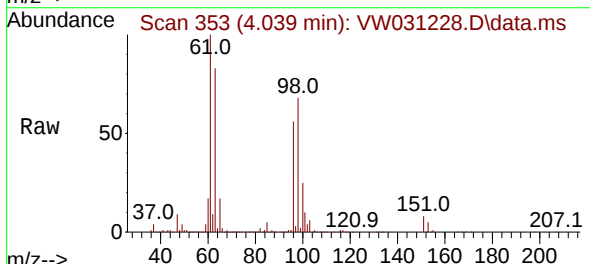
Tgt Ion: 96 Resp: 236846

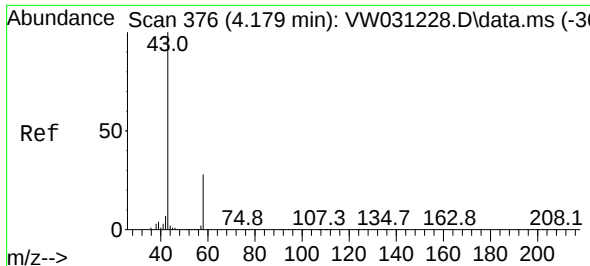
Ion Ratio Lower Upper

96 100

61 179.0 125.3 232.7

63 149.4 104.6 194.2

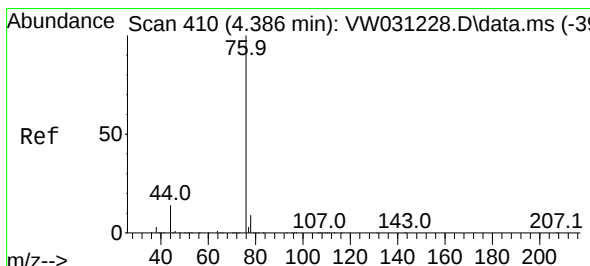
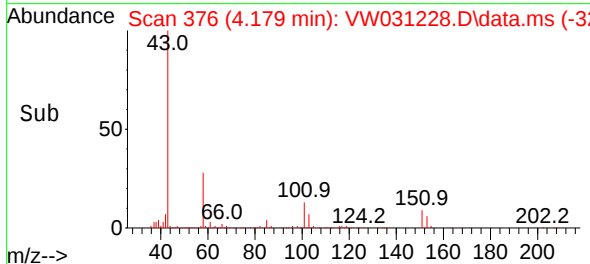
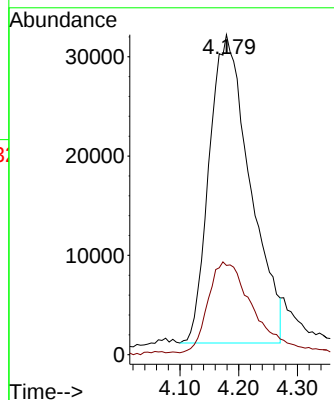
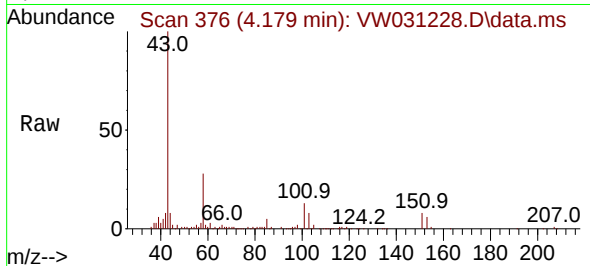




#13
Acetone
Concen: 49.355 ug/L
RT: 4.179 min Scan# 376
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

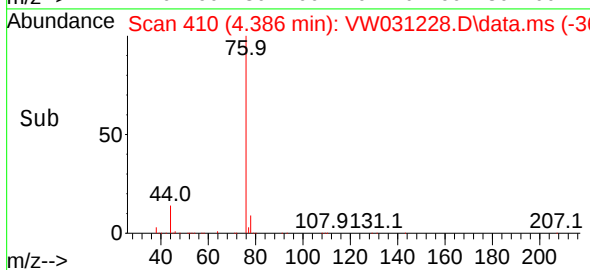
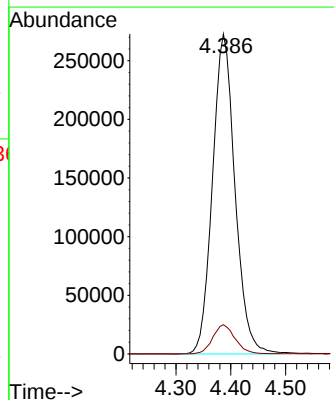
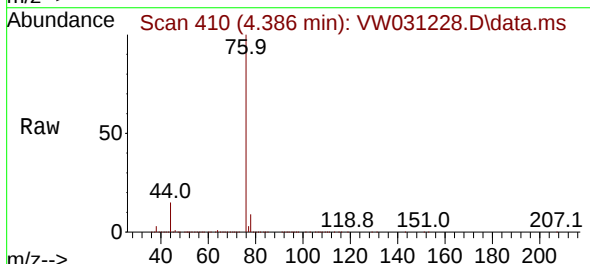
Instrument :
MSVOA_W
ClientSampleId :

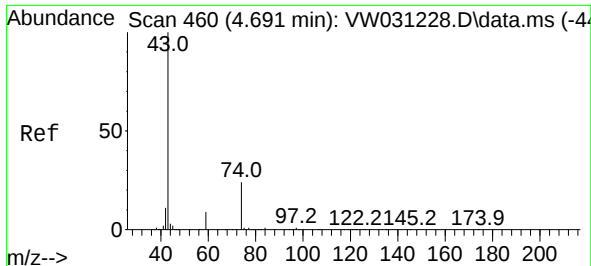
Tgt Ion: 43 Resp: 150116
Ion Ratio Lower Upper
43 100
58 31.9 0.0 0.0#



#14
Carbon disulfide
Concen: 26.171 ug/L
RT: 4.386 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 76 Resp: 777632
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 25.912 ug/L

RT: 4.691 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

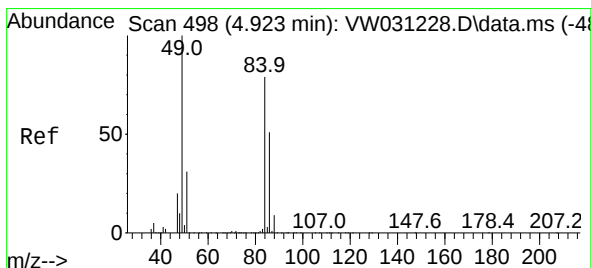
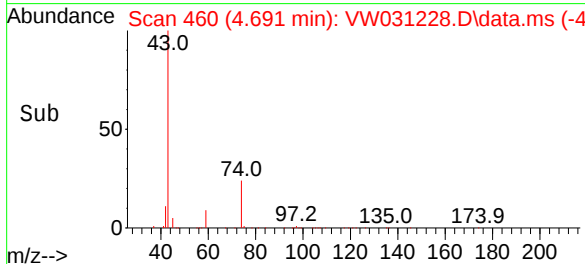
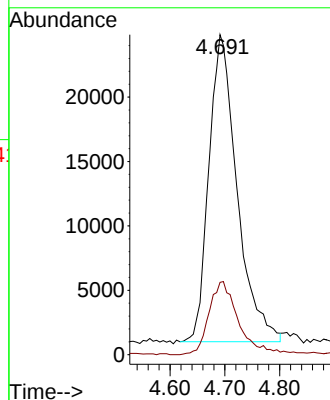
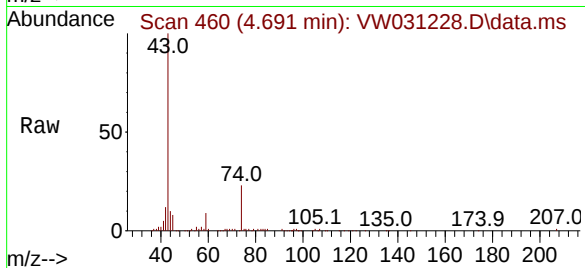
ClientSampleId :

Tgt Ion: 43 Resp: 85112

Ion Ratio Lower Upper

43 100

74 23.6 18.9 28.3



#16

Methylene chloride

Concen: 25.034 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

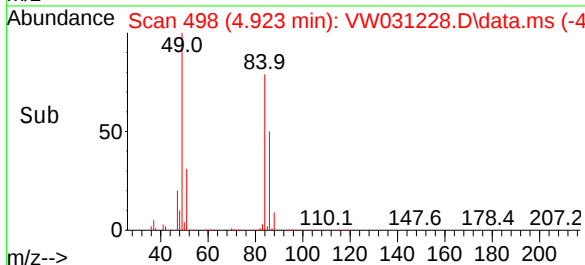
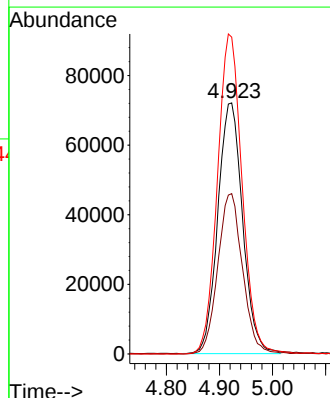
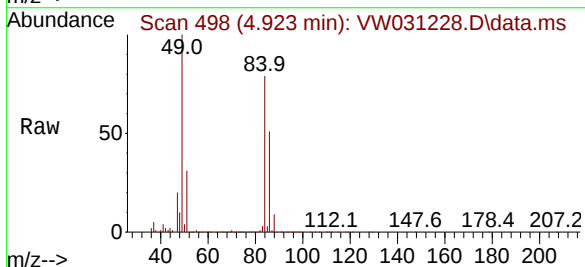
Tgt Ion: 84 Resp: 234293

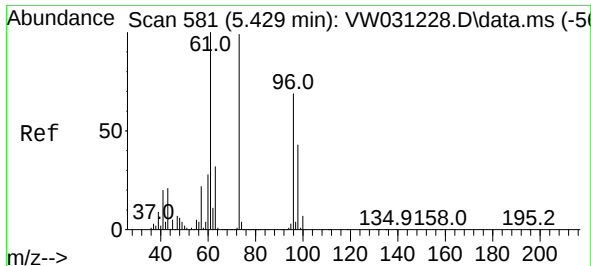
Ion Ratio Lower Upper

84 100

86 63.8 44.7 82.9

49 126.2 88.3 164.1

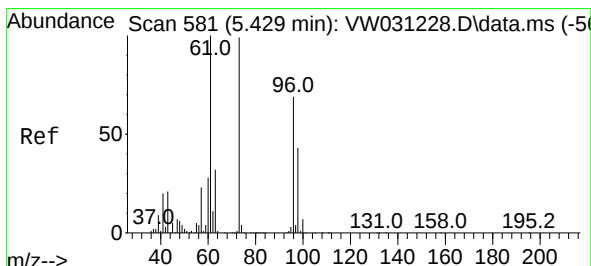
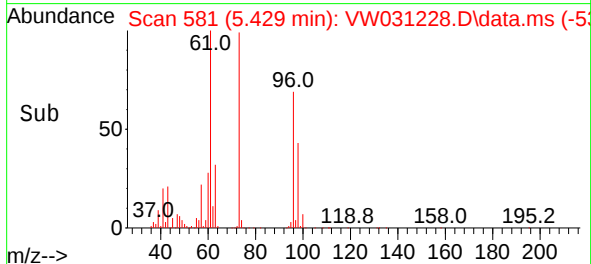
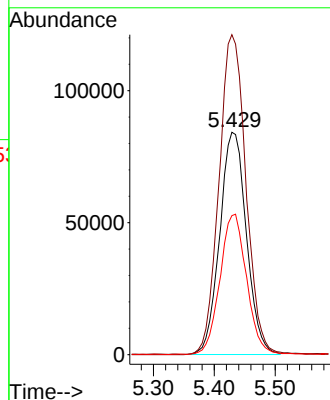
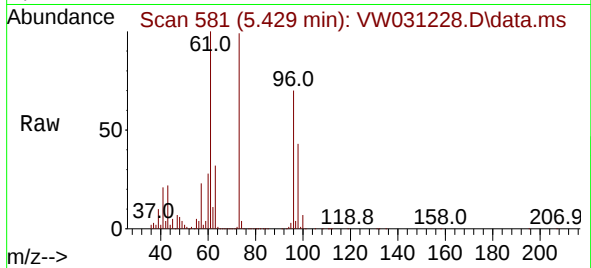




#17
trans-1,2-Dichloroethene
Concen: 26.113 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

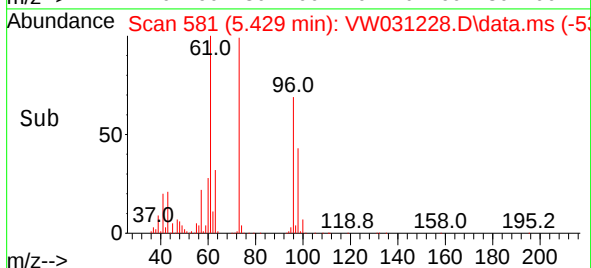
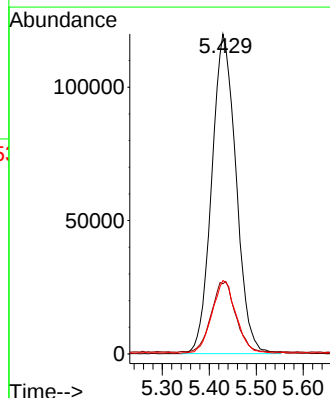
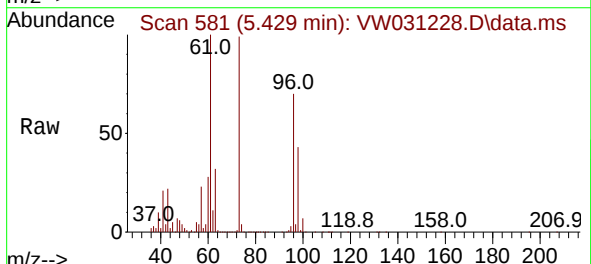
Instrument :
MSVOA_W
ClientSampleId :

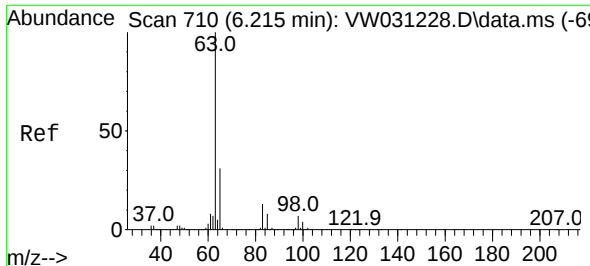
Tgt Ion: 96 Resp: 256454
Ion Ratio Lower Upper
96 100
61 143.9 100.7 187.1
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 26.203 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 73 Resp: 430203
Ion Ratio Lower Upper
73 100
43 22.5 17.9 26.9
57 22.4 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.691 ug/L

RT: 6.215 min Scan# 710

Delta R.T. 0.000 min

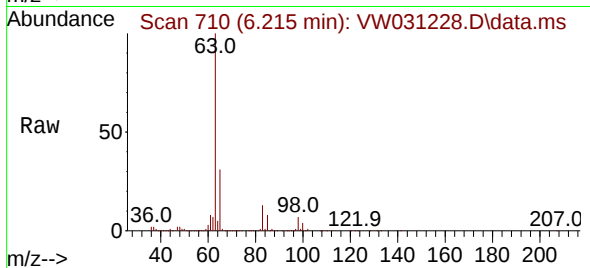
Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



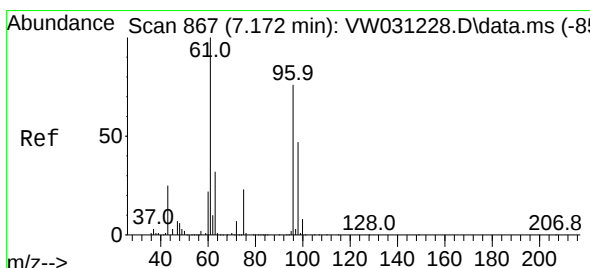
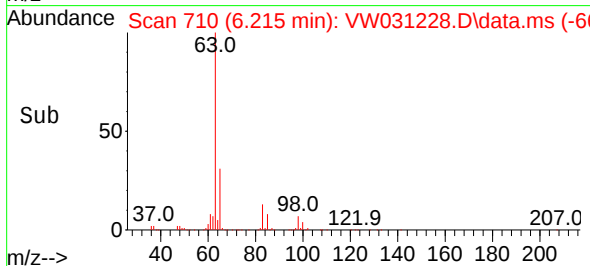
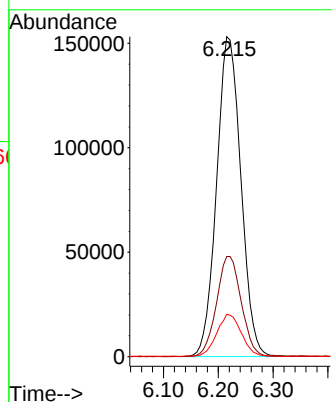
Tgt Ion: 63 Resp: 471489

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.370 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

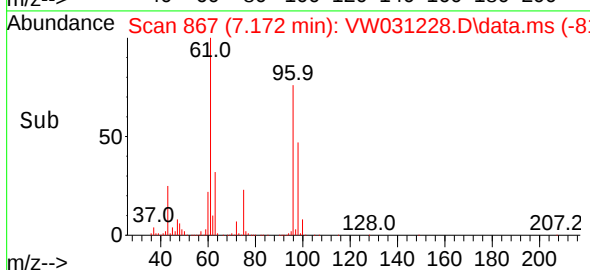
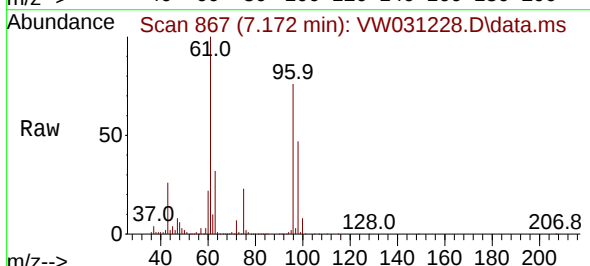
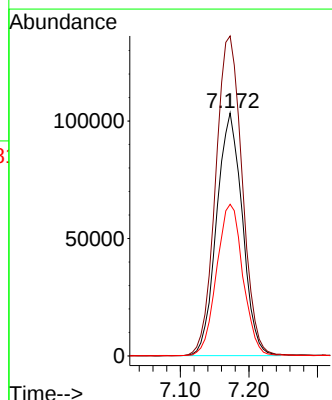
Tgt Ion: 96 Resp: 269576

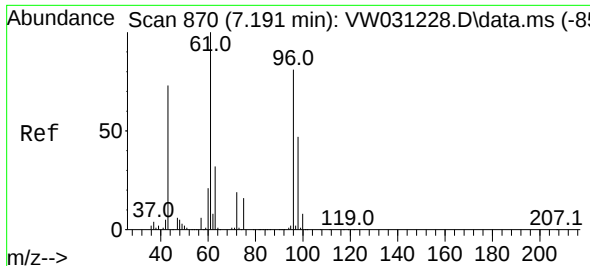
Ion Ratio Lower Upper

96 100

61 131.7 92.2 171.2

98 62.4 43.7 81.1





#22

2-Butanone

Concen: 53.850 ug/L

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

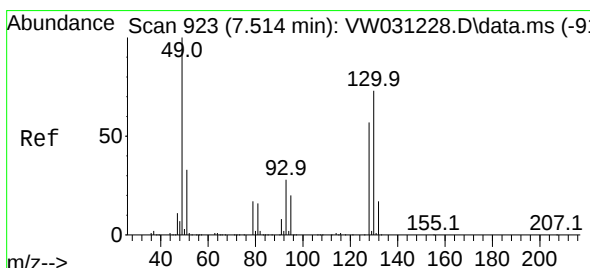
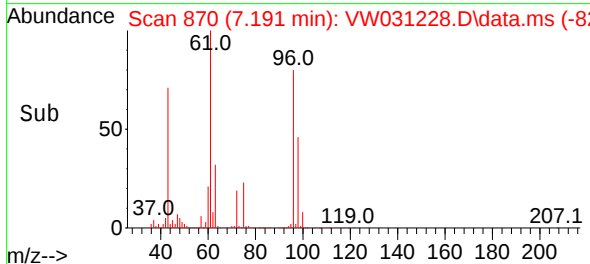
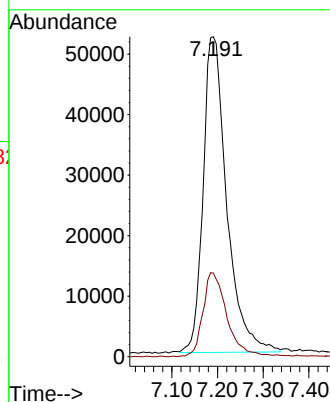
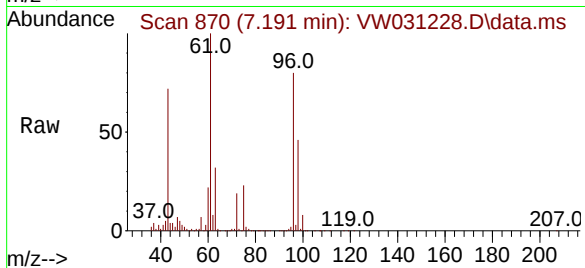
ClientSampleId :

Tgt Ion: 43 Resp: 187645

Ion Ratio Lower Upper

43 100

72 26.6 13.3 39.8



#23

Bromochloromethane

Concen: 25.460 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Tgt Ion: 128 Resp: 107891

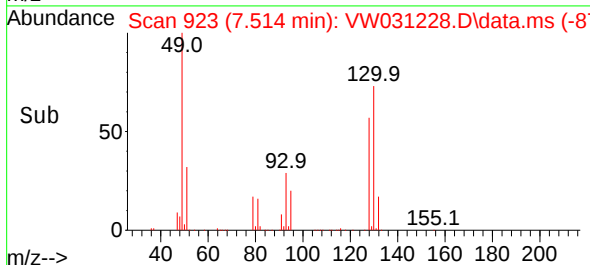
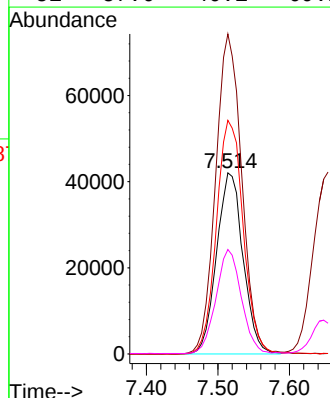
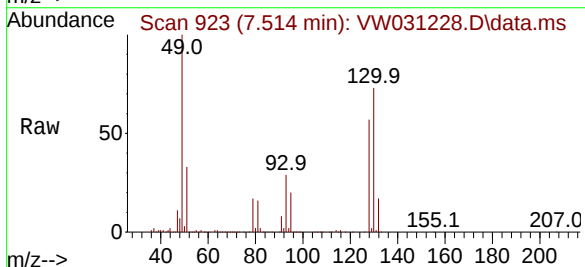
Ion Ratio Lower Upper

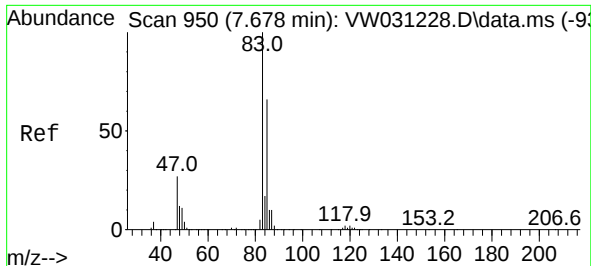
128 100

49 176.7 123.7 229.7

130 129.0 90.3 167.7

51 57.6 46.1 69.1





#25

Chloroform

Concen: 25.558 ug/L

RT: 7.678 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

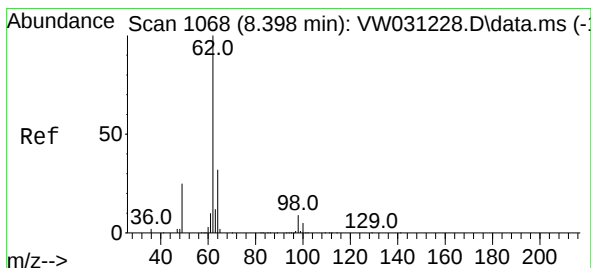
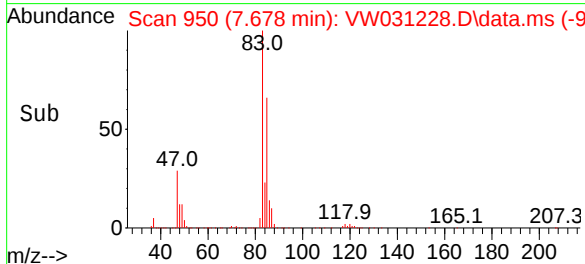
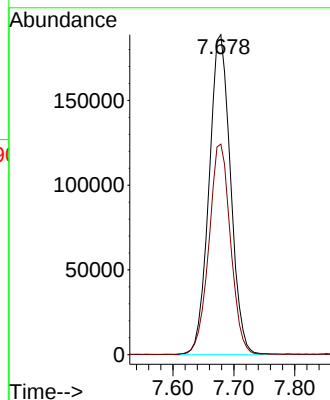
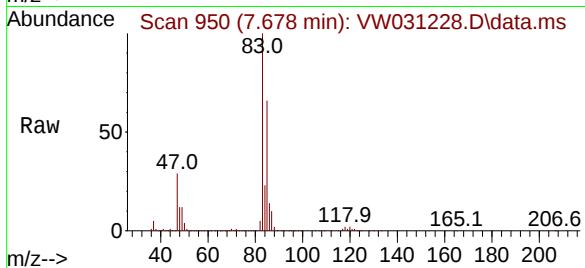
ClientSampleId :

Tgt Ion: 83 Resp: 462910

Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 26.180 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031228.D

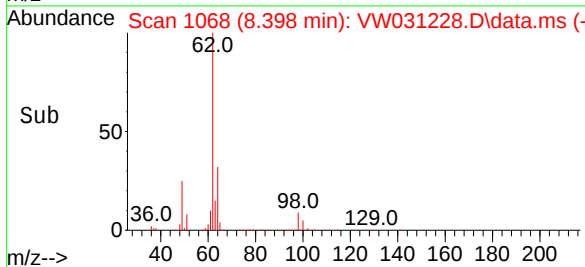
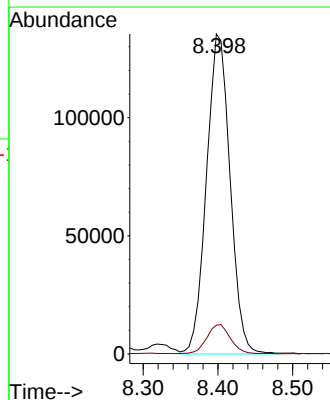
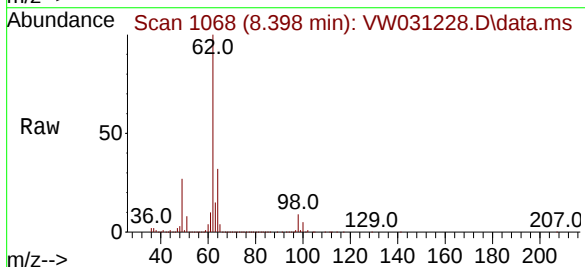
Acq: 13 Dec 2024 10:15

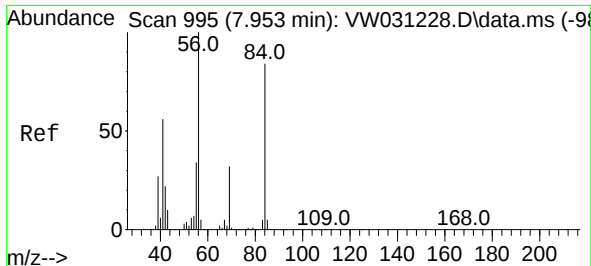
Tgt Ion: 62 Resp: 298115

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 26.766 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

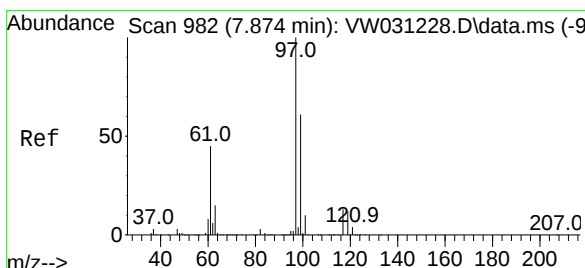
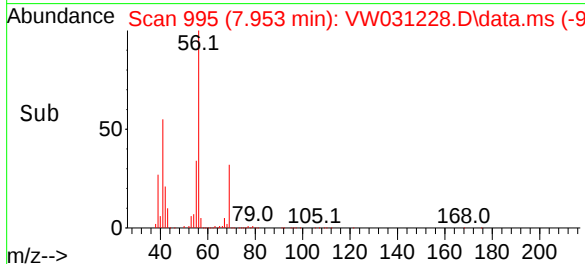
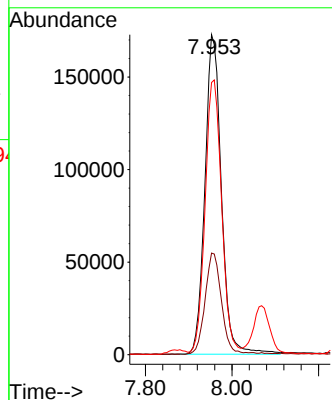
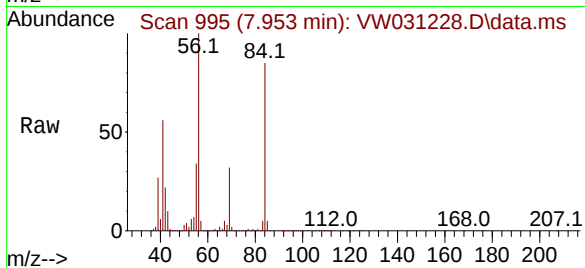
Tgt Ion: 56 Resp: 456701

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 86.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 26.109 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

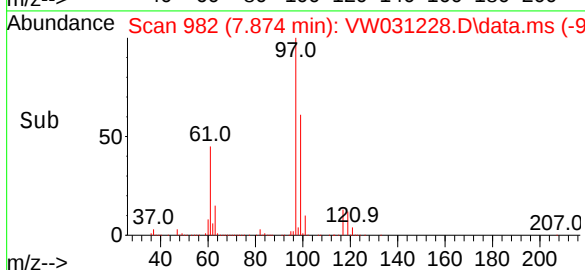
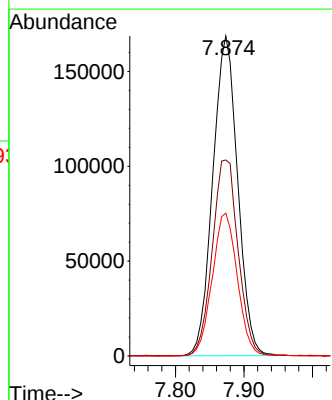
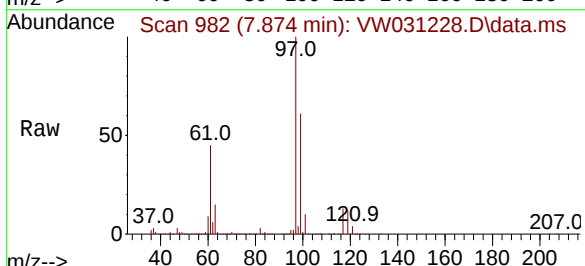
Tgt Ion: 97 Resp: 424584

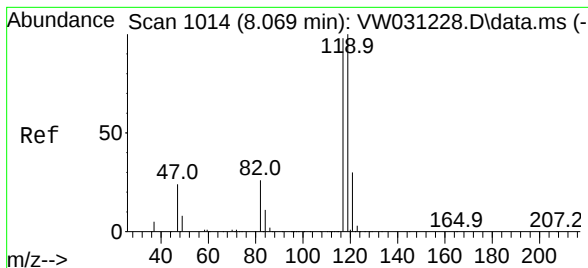
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 45.4 36.3 54.5

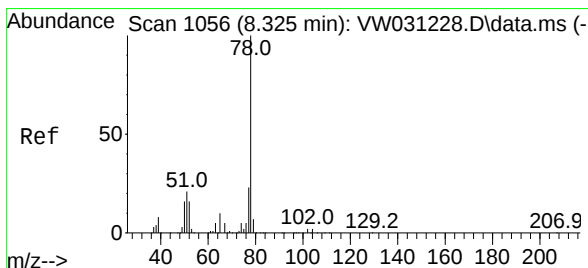
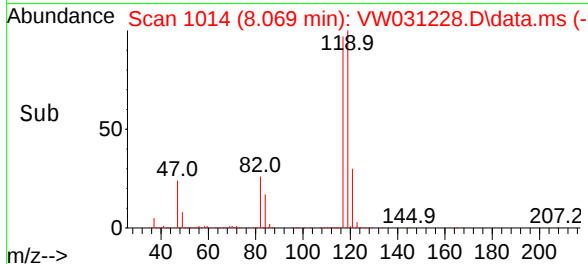
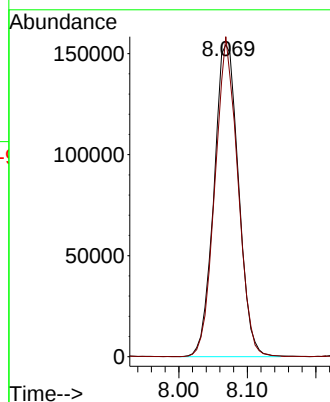
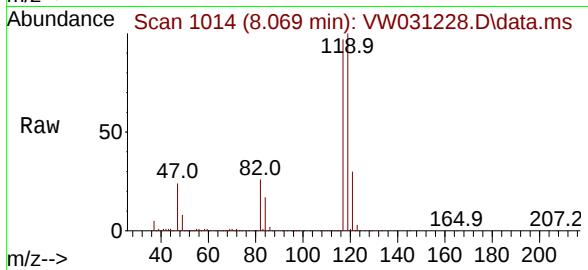




#31
Carbon tetrachloride
Concen: 26.613 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

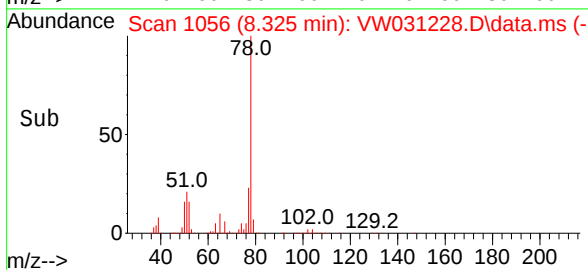
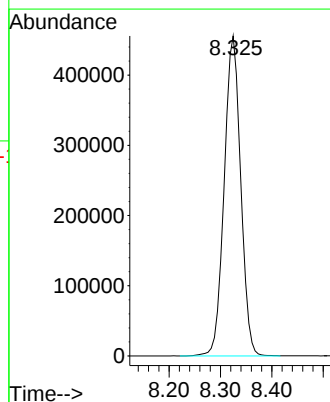
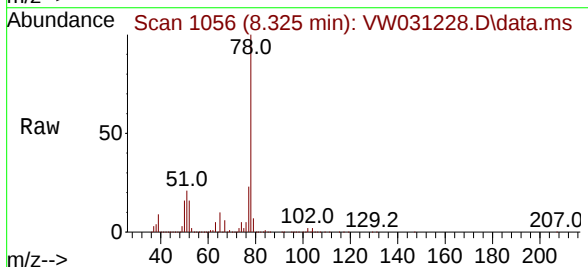
Instrument :
MSVOA_W
ClientSampleId :

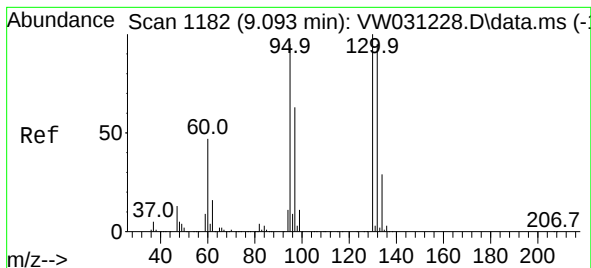
Tgt Ion:117 Resp: 385567
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0



#33
Benzene
Concen: 26.156 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 78 Resp: 1016961





#34

Trichloroethene

Concen: 25.746 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

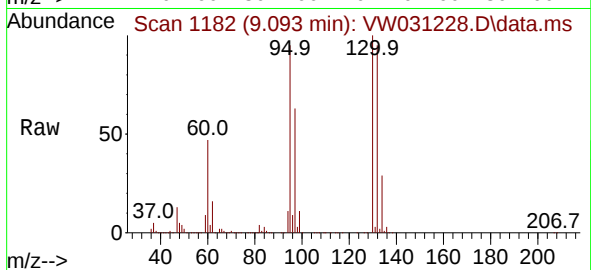
Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 282616

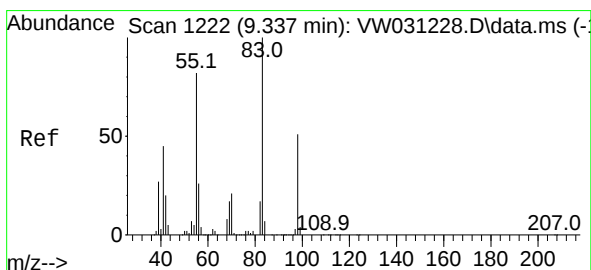
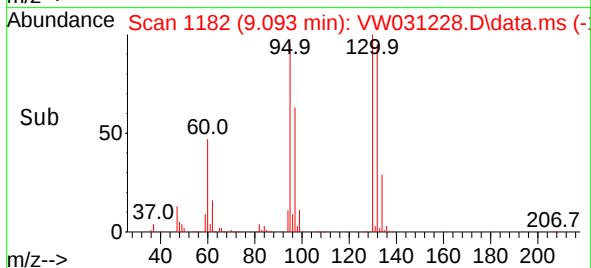
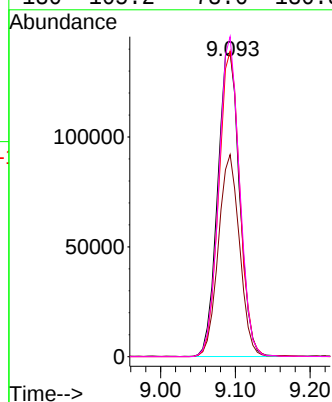
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.3

132 100.4 70.3 130.5

130 105.2 73.6 136.8



#35

Methylcyclohexane

Concen: 26.449 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

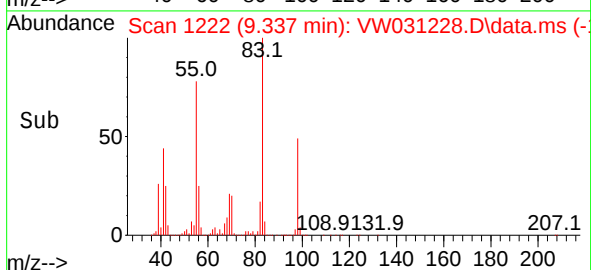
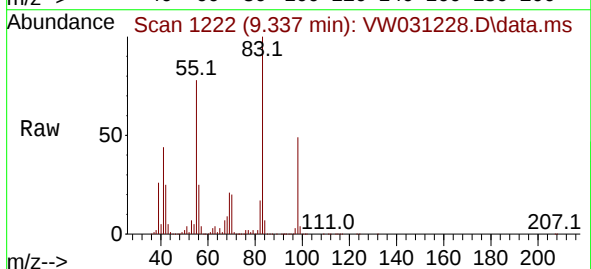
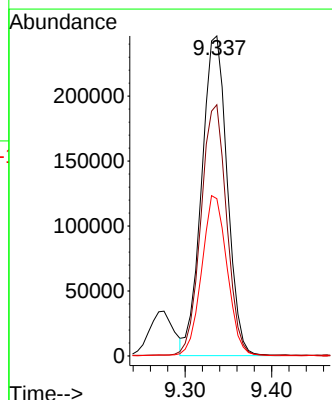
Tgt Ion: 83 Resp: 505618

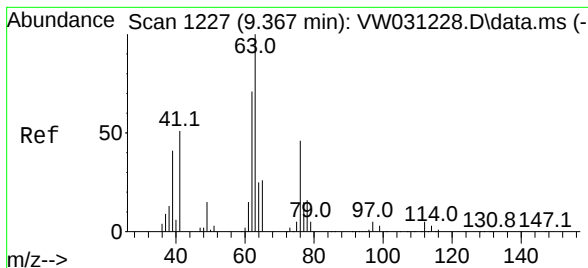
Ion Ratio Lower Upper

83 100

55 78.2 62.6 93.8

98 49.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.998 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

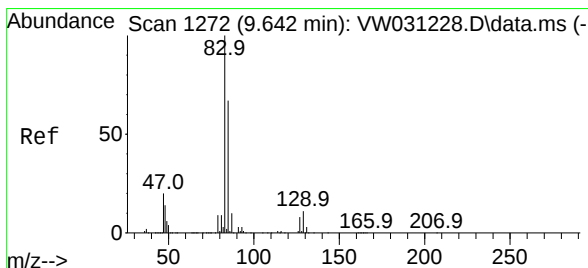
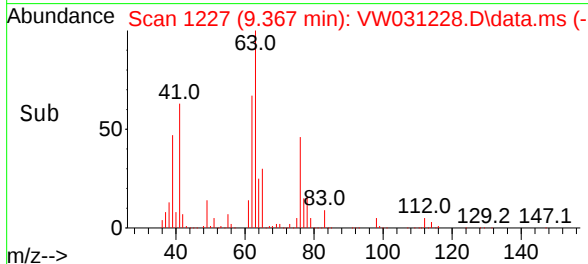
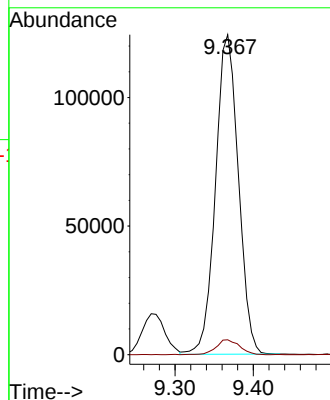
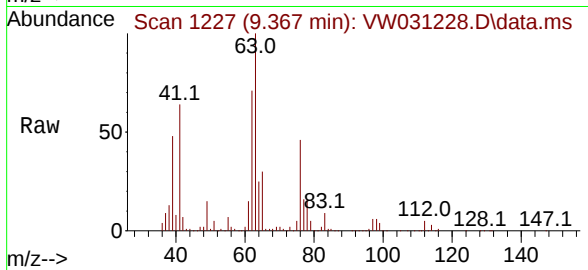
ClientSampleId :

Tgt Ion: 63 Resp: 252163

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 26.326 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

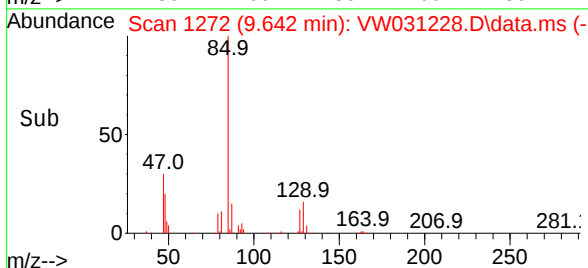
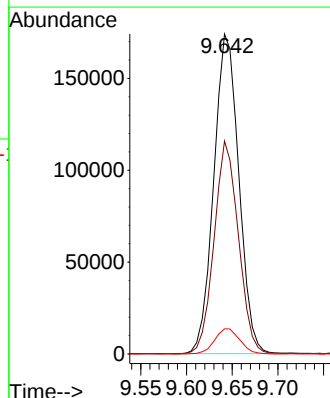
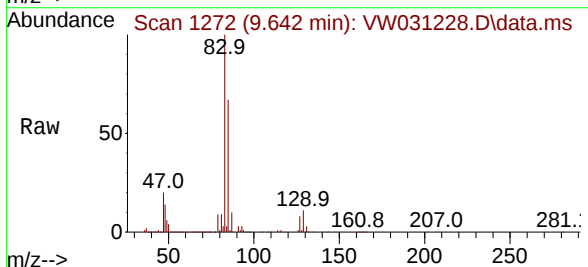
Tgt Ion: 83 Resp: 331958

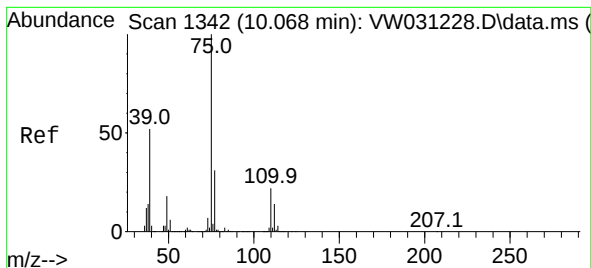
Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.5

127 7.8 6.2 9.4

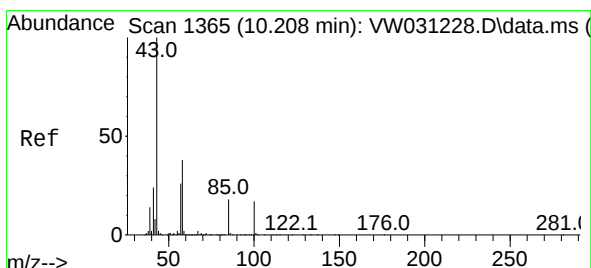
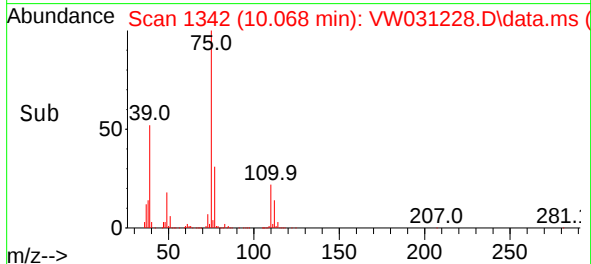
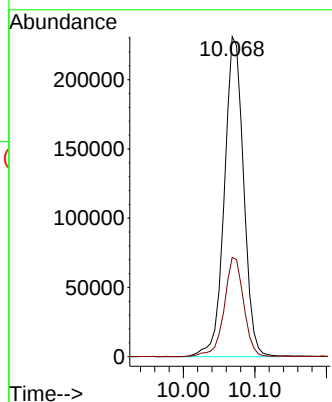
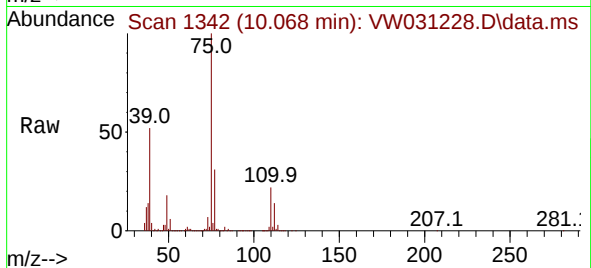




#39
cis-1,3-Dichloropropene
Concen: 26.341 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

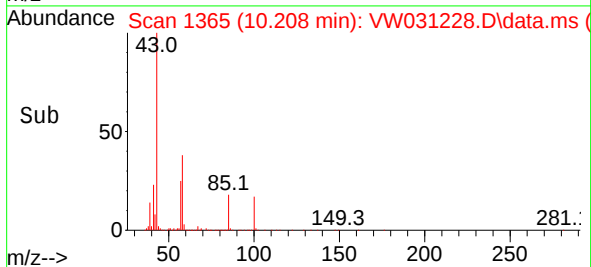
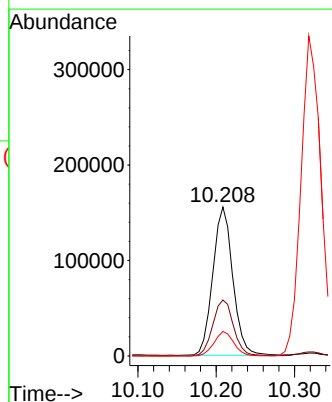
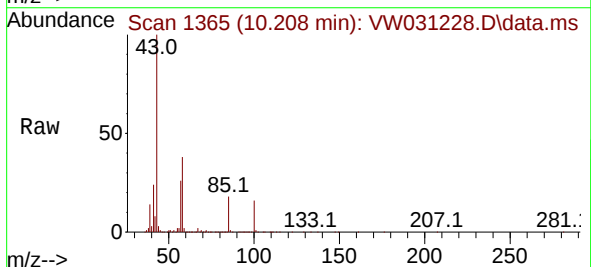
Instrument :
MSVOA_W
ClientSampleId :

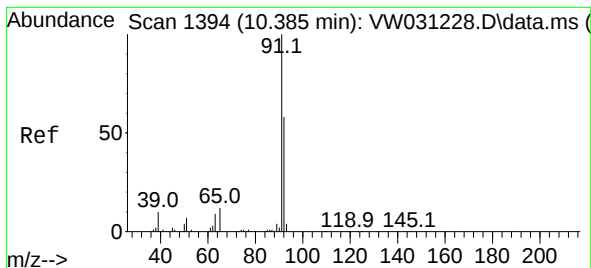
Tgt Ion: 75 Resp: 431746
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 53.616 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 43 Resp: 275910
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7
100 16.3 13.0 19.6





#42

Toluene

Concen: 25.962 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

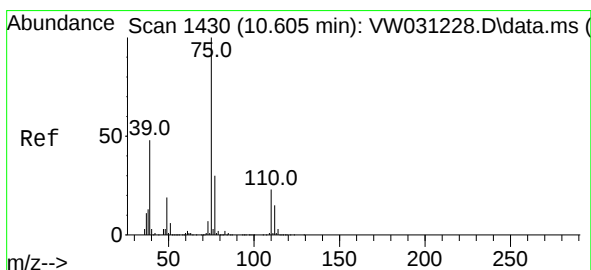
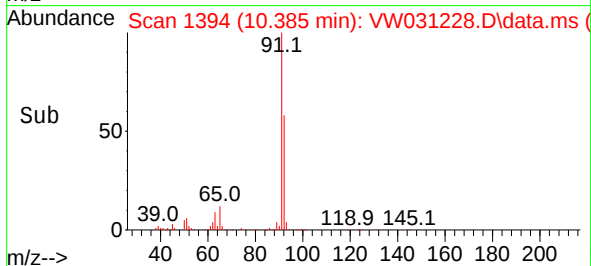
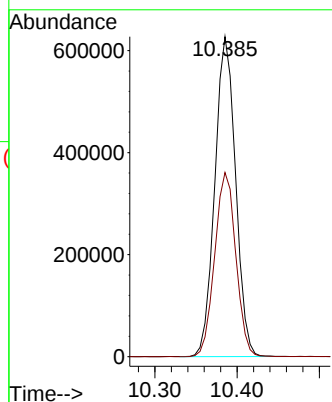
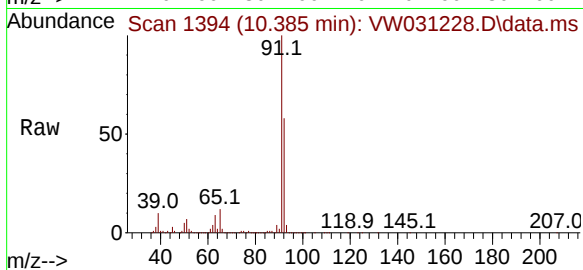
ClientSampleId :

Tgt Ion: 91 Resp: 1099023

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.595 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031228.D

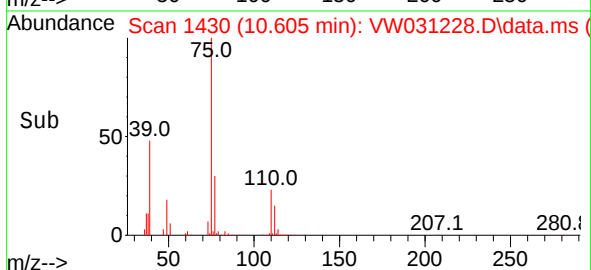
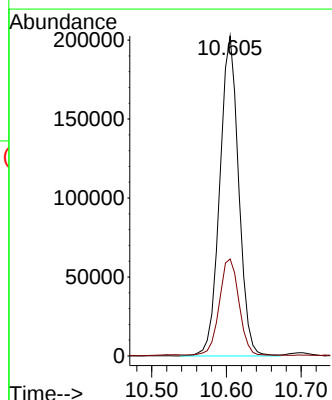
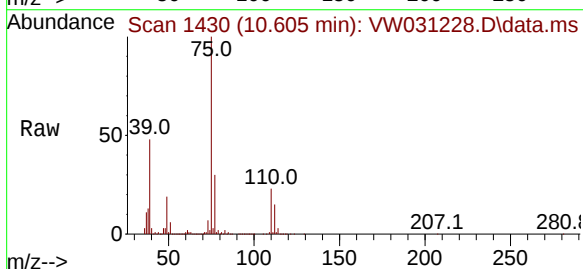
Acq: 13 Dec 2024 10:15

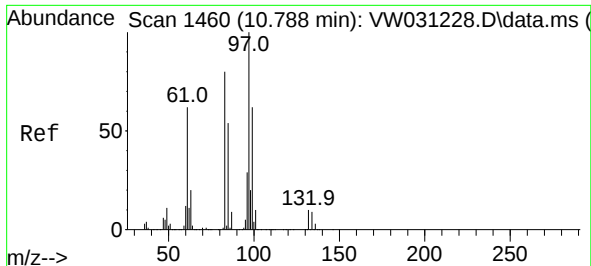
Tgt Ion: 75 Resp: 355929

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4

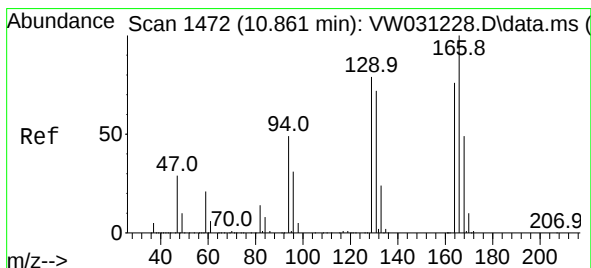
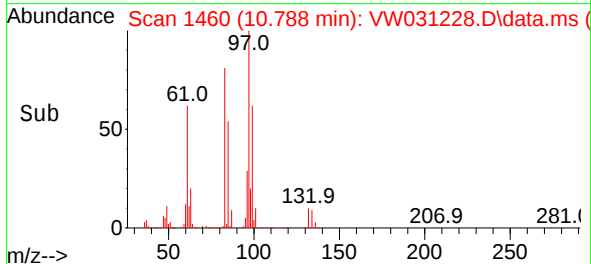
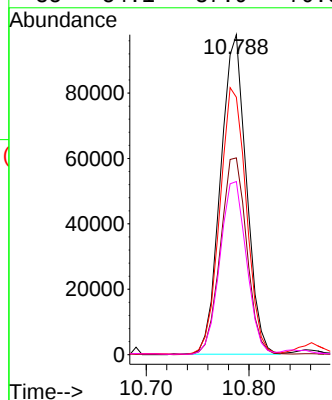
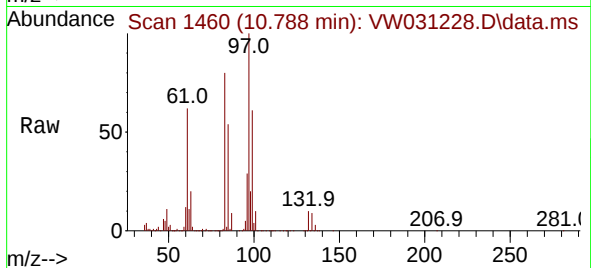




#45
1,1,2-Trichloroethane
Concen: 26.330 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

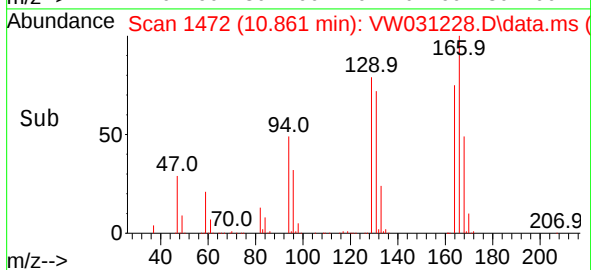
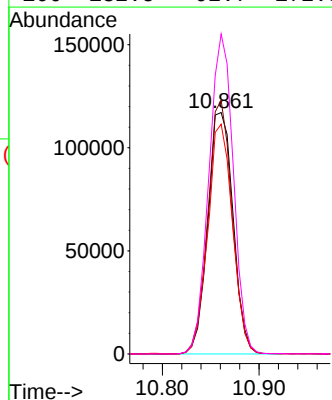
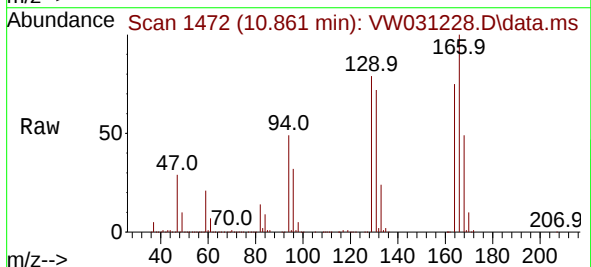
Instrument :
MSVOA_W
ClientSampleId :

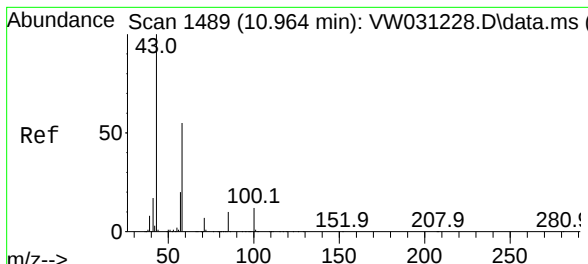
Tgt Ion:	97	Resp:	169859
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.0	80.0
83	80.5	56.4	104.7
85	54.1	37.9	70.3



#46
Tetrachloroethene
Concen: 26.455 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion:	164	Resp:	212710
Ion	Ratio	Lower	Upper
164	100		
129	105.0	73.5	136.5
131	95.2	66.6	123.8
166	132.5	92.7	172.3



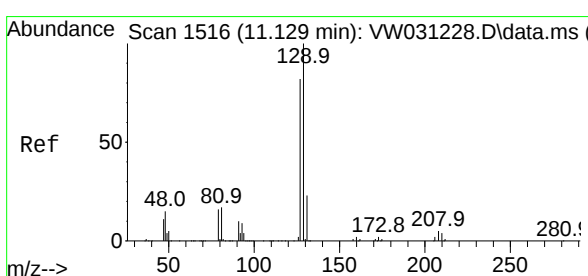
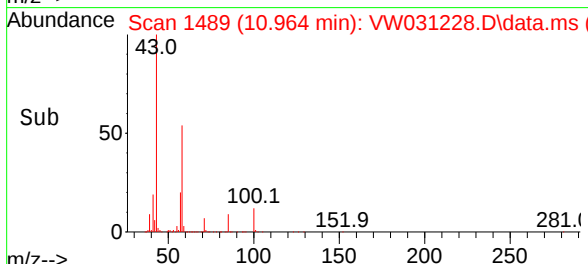
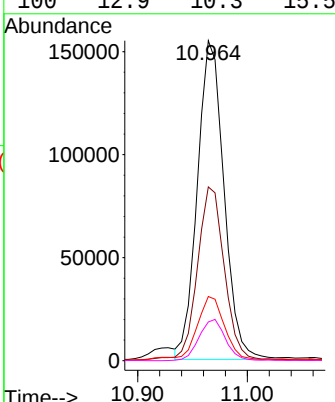
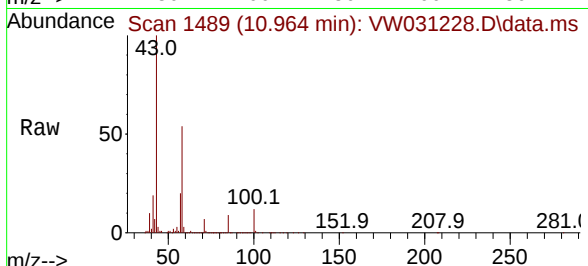


#48
2-Hexanone
Concen: 59.708 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 261320

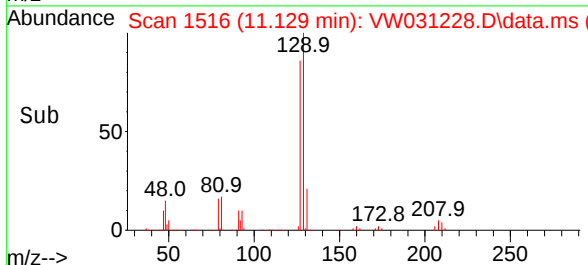
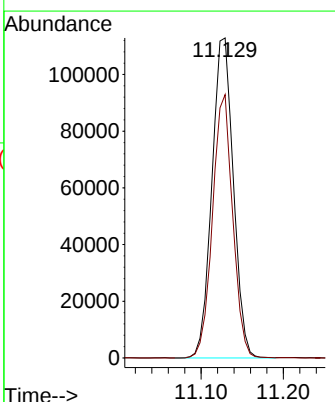
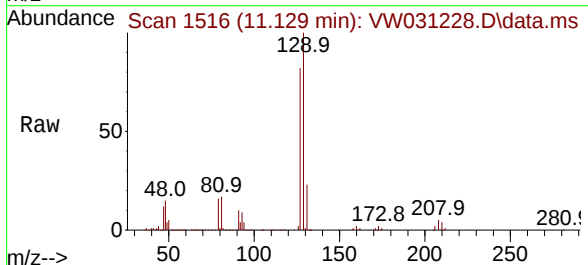
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.6
57	19.6	15.7	23.5
100	12.9	10.3	15.5

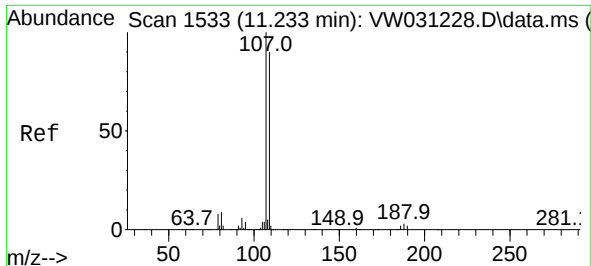


#49
Dibromochloromethane
Concen: 26.804 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion: 129 Resp: 204985

Ion	Ratio	Lower	Upper
129	100		
127	82.3	57.6	107.0





#50

1,2-Dibromoethane

Concen: 26.832 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

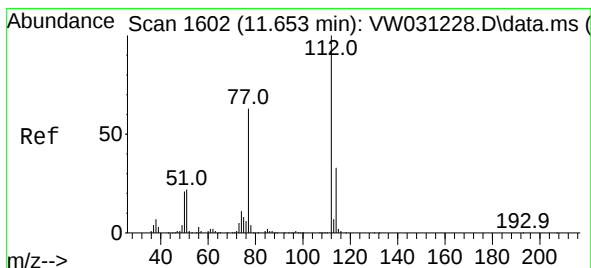
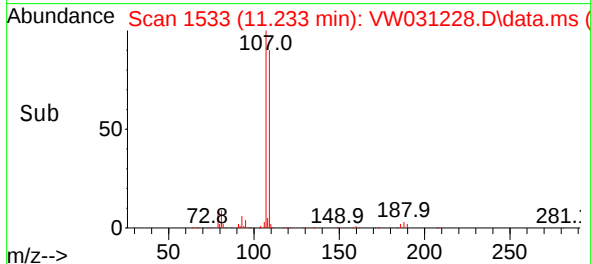
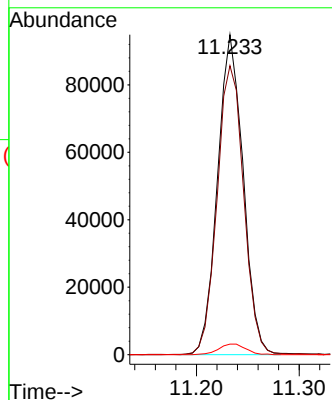
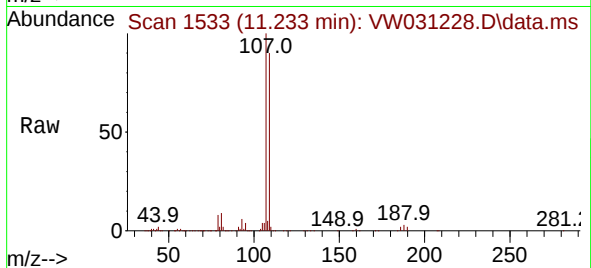
Tgt Ion:107 Resp: 163985

Ion Ratio Lower Upper

107 100

109 90.3 63.2 117.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 26.030 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

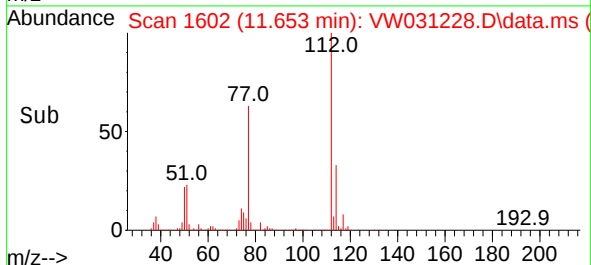
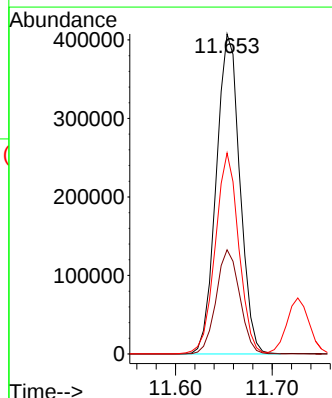
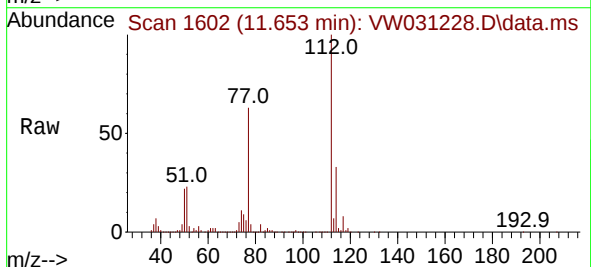
Tgt Ion:112 Resp: 690879

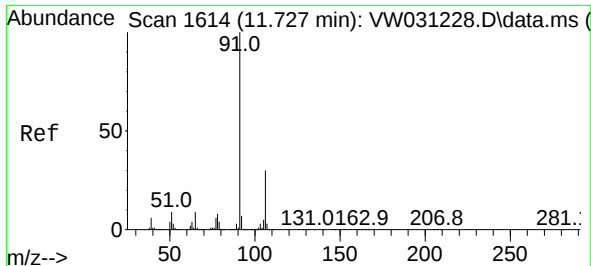
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 62.8 50.2 75.4





#52

Ethylbenzene

Concen: 26.353 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

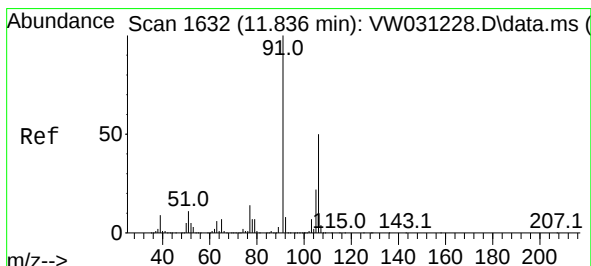
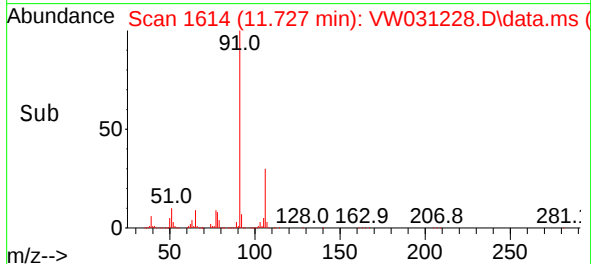
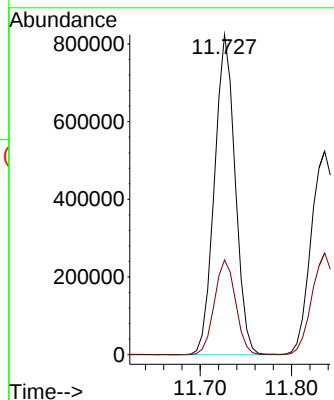
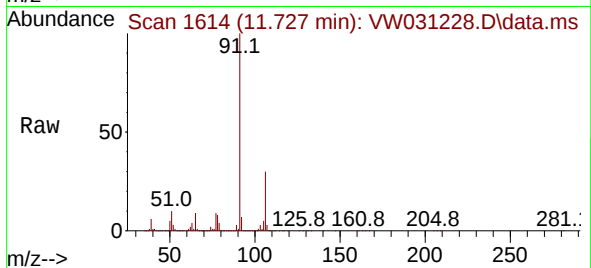
ClientSampleId :

Tgt Ion: 91 Resp: 1292917

Ion Ratio Lower Upper

91 100

106 29.6 20.7 38.5



#53

m,p-Xylene

Concen: 25.826 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031228.D

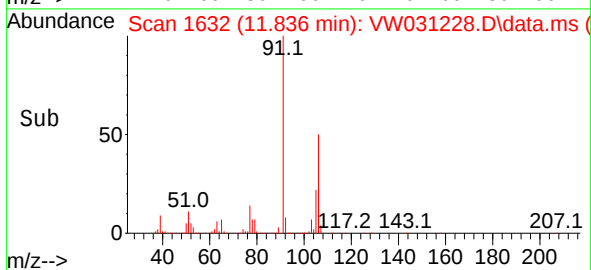
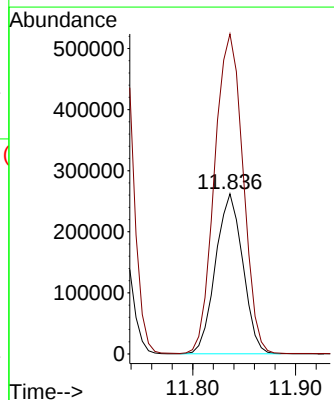
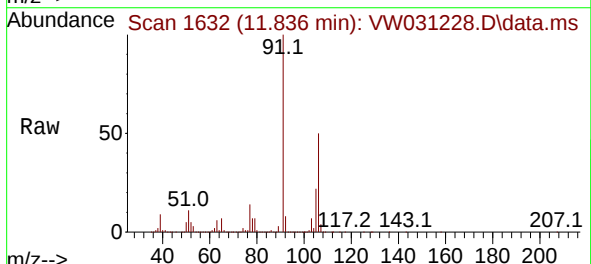
Acq: 13 Dec 2024 10:15

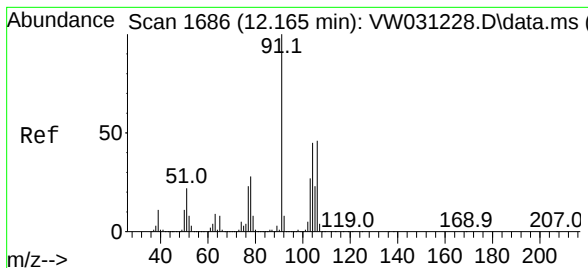
Tgt Ion:106 Resp: 482348

Ion Ratio Lower Upper

106 100

91 199.8 139.9 259.7

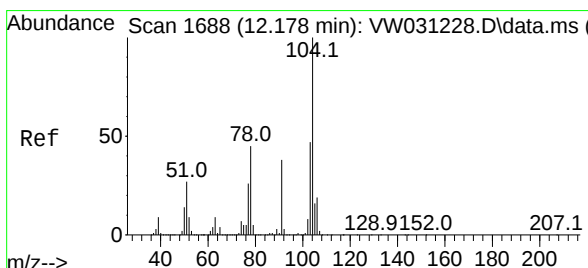
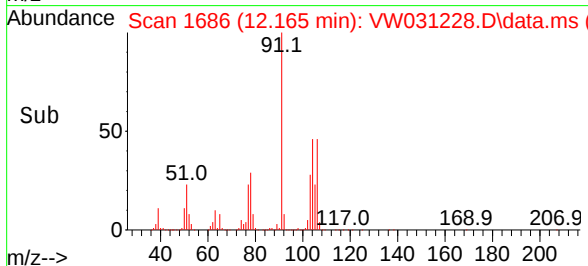
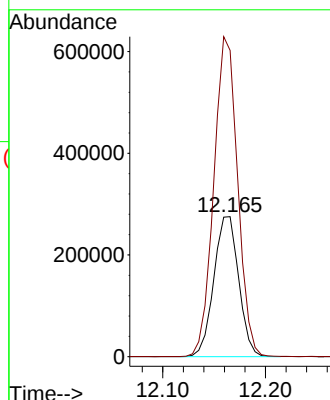
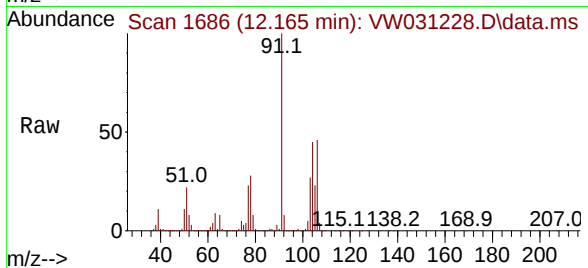




#54
o-Xylene
Concen: 26.234 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

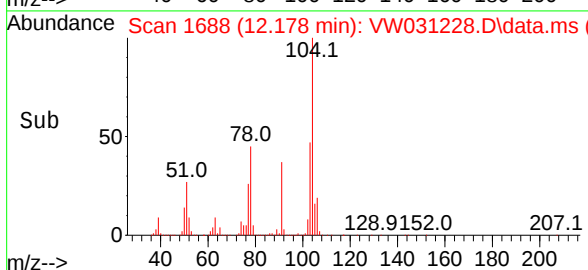
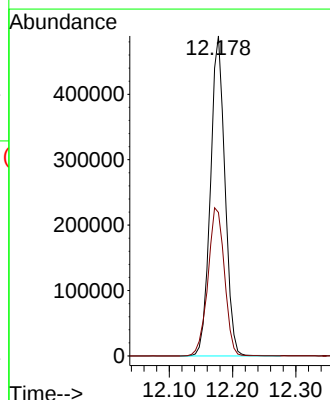
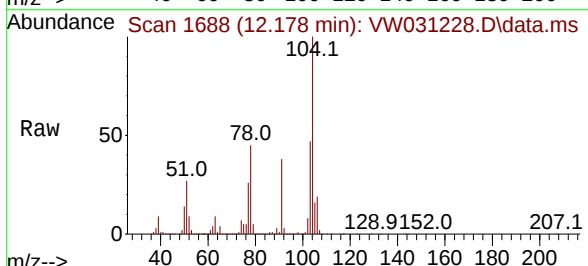
Instrument :
MSVOA_W
ClientSampleId :

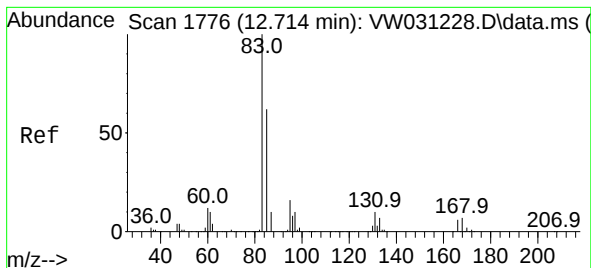
Tgt Ion:106 Resp: 461784
Ion Ratio Lower Upper
106 100
91 218.7 153.1 284.3



#55
Styrene
Concen: 26.700 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion:104 Resp: 781770
Ion Ratio Lower Upper
104 100
78 44.9 31.4 58.4

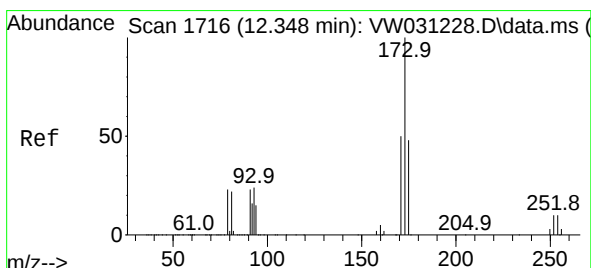
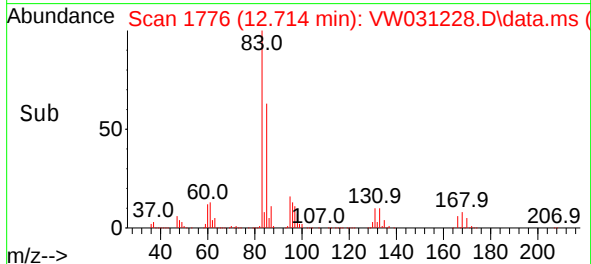
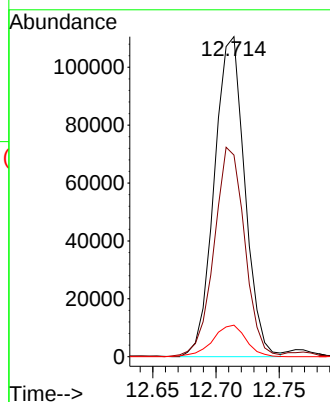
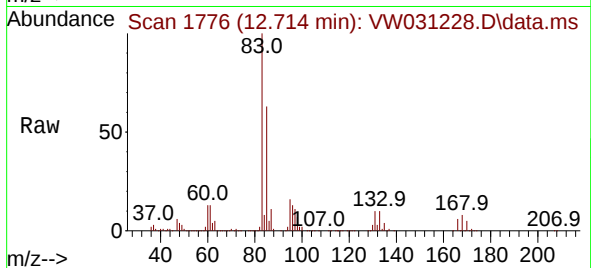




#57
1,1,2,2-Tetrachloroethane
Concen: 26.583 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

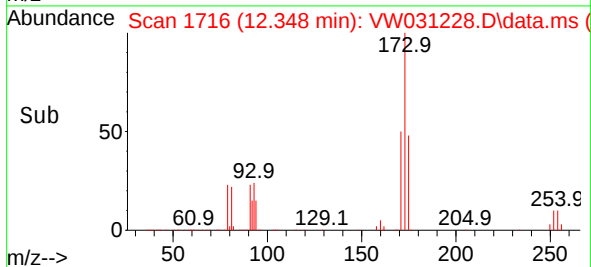
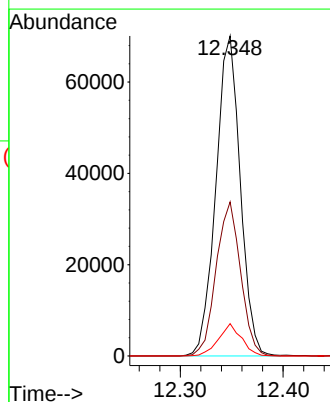
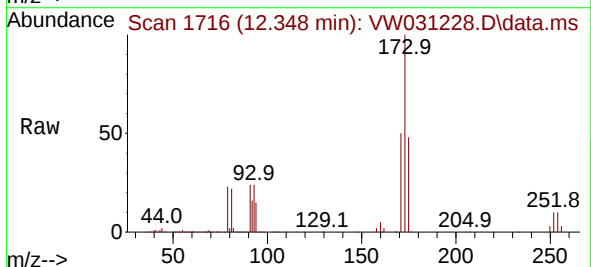
Instrument :
MSVOA_W
ClientSampleId :

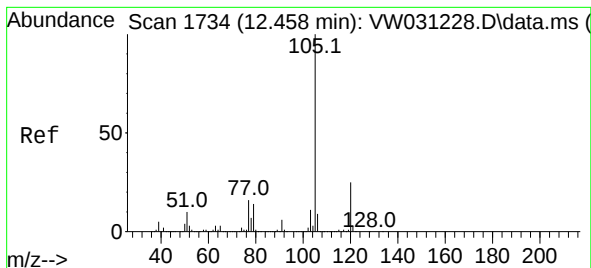
Tgt Ion: 83 Resp: 184950
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
131 9.9 7.9 11.9



#59
Bromoform
Concen: 27.437 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion:173 Resp: 115570
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 9.5 7.6 11.4





#60

Isopropylbenzene

Concen: 26.343 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

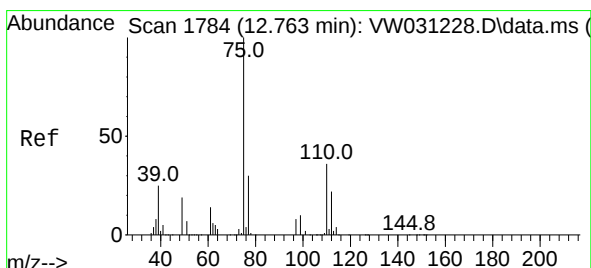
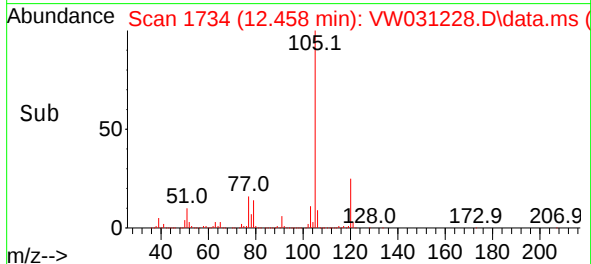
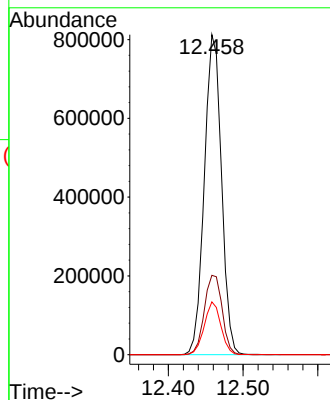
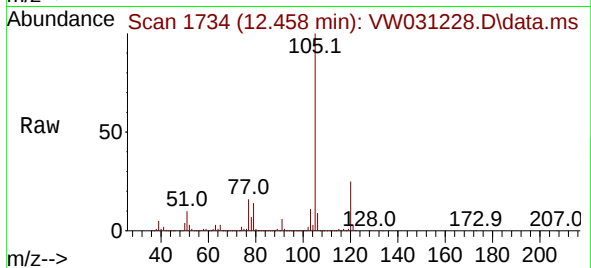
Tgt Ion:105 Resp: 1292587

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 26.987 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

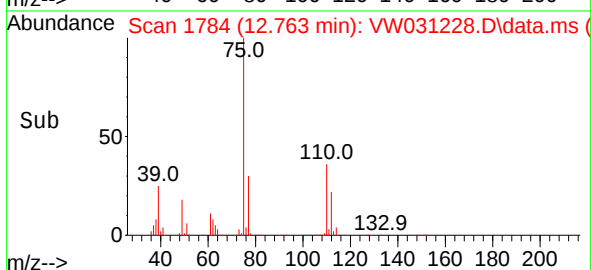
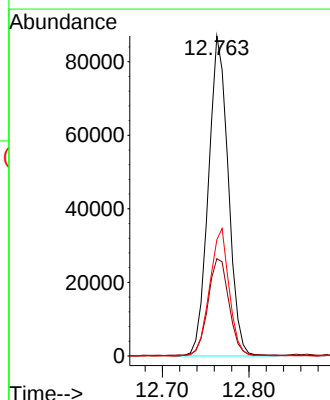
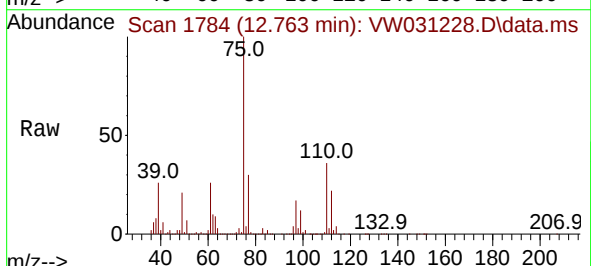
Tgt Ion: 75 Resp: 138465

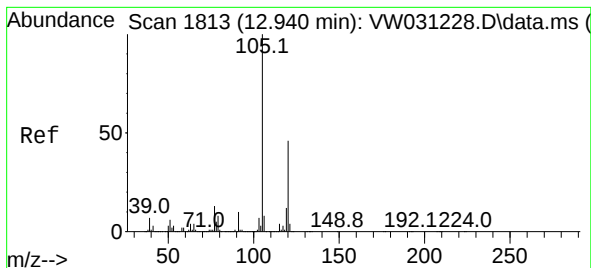
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

110 39.0 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 26.166 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

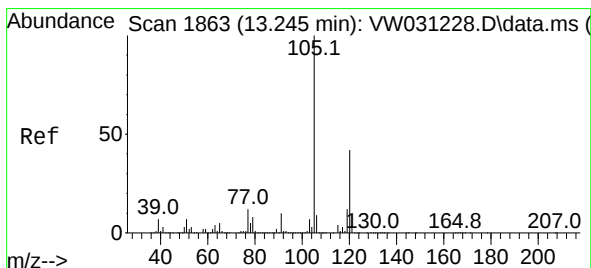
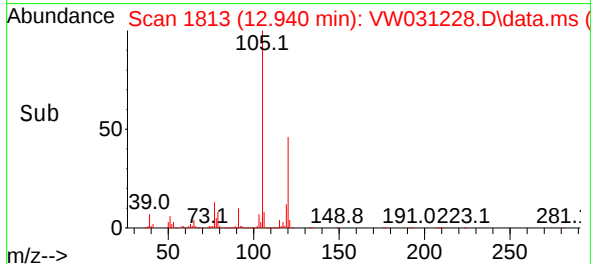
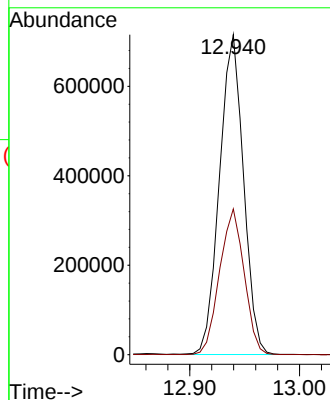
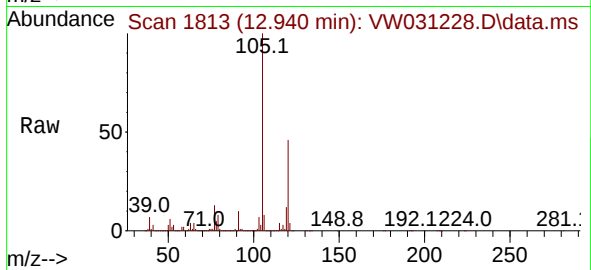
ClientSampleId :

Tgt Ion:105 Resp: 1088514

Ion Ratio Lower Upper

105 100

120 46.6 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 26.772 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031228.D

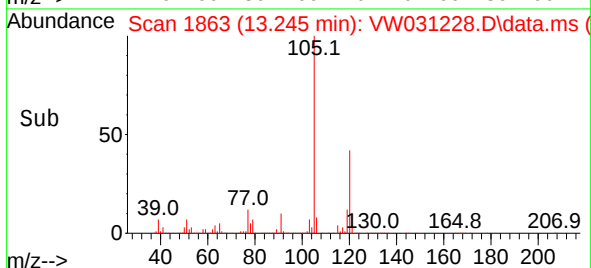
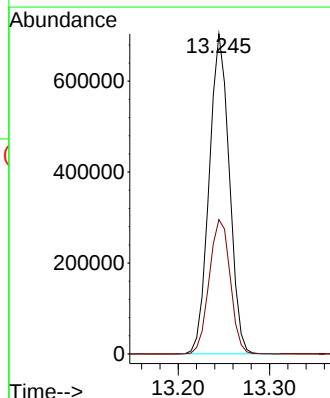
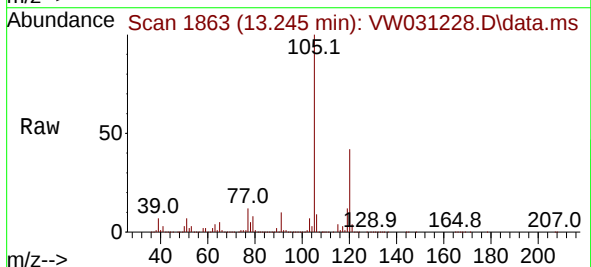
Acq: 13 Dec 2024 10:15

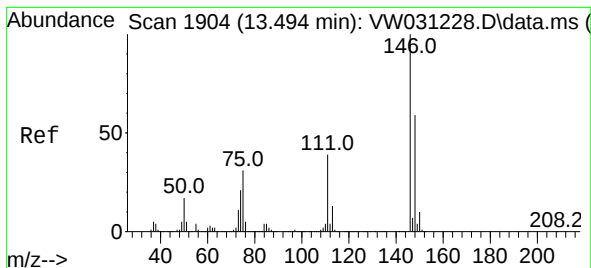
Tgt Ion:105 Resp: 1076440

Ion Ratio Lower Upper

105 100

120 43.7 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 26.541 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

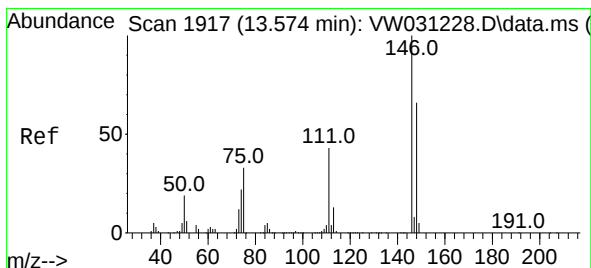
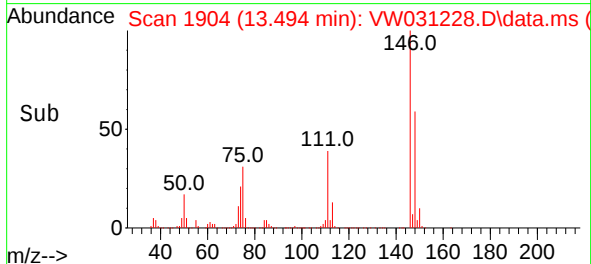
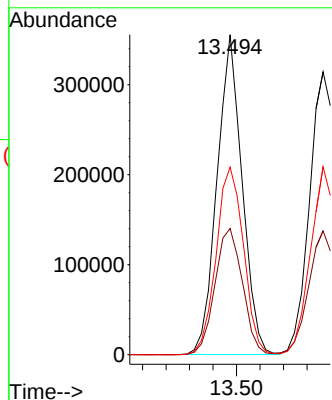
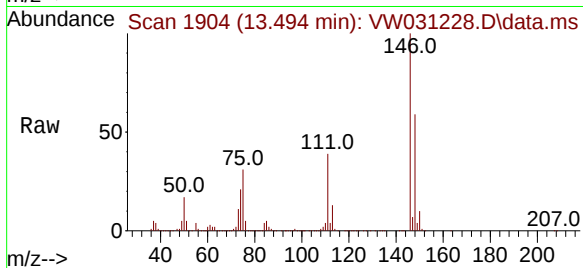
Tgt Ion:146 Resp: 527641

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 58.6 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 25.939 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

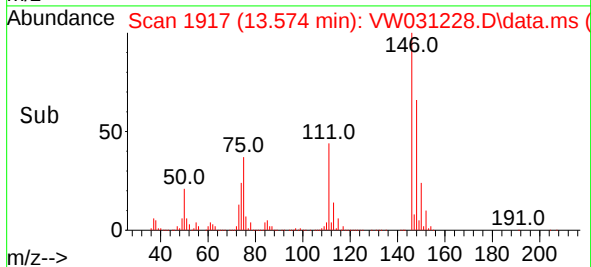
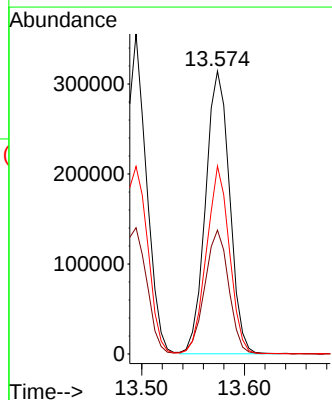
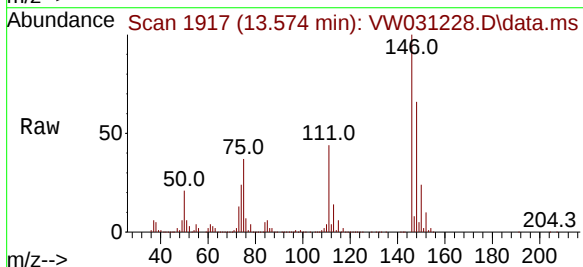
Tgt Ion:146 Resp: 510923

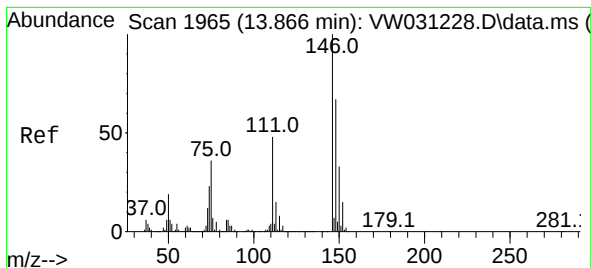
Ion Ratio Lower Upper

146 100

111 43.8 30.7 56.9

148 66.4 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 25.695 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

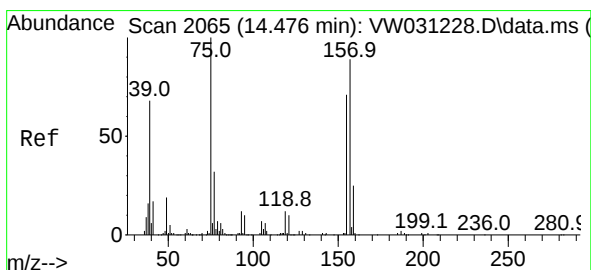
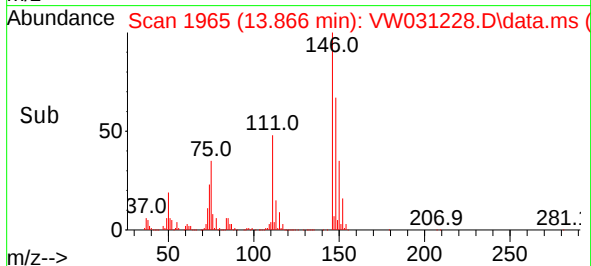
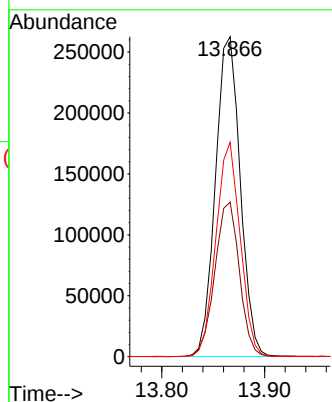
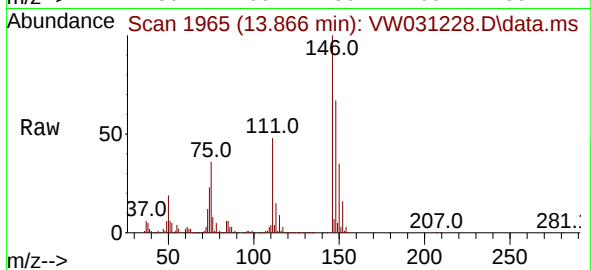
Tgt Ion:146 Resp: 440128

Ion Ratio Lower Upper

146 100

111 48.3 38.6 58.0

148 67.0 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.568 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

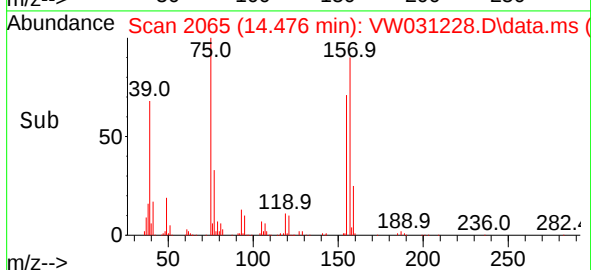
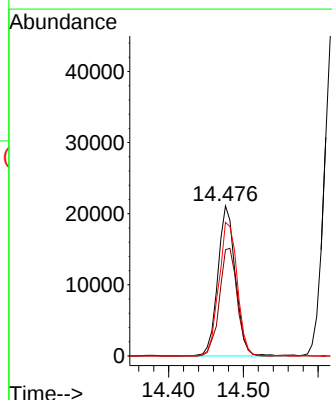
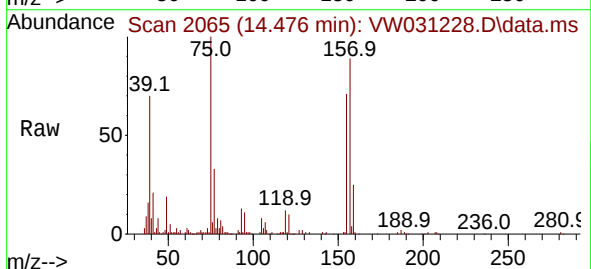
Tgt Ion: 75 Resp: 34592

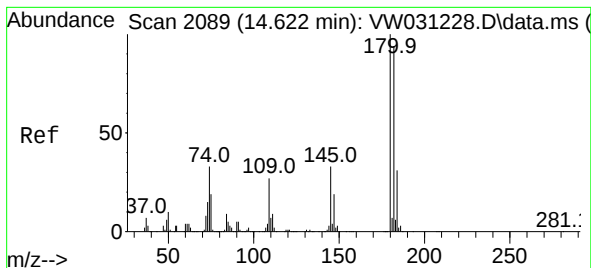
Ion Ratio Lower Upper

75 100

155 70.8 56.6 85.0

157 89.0 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 26.960 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

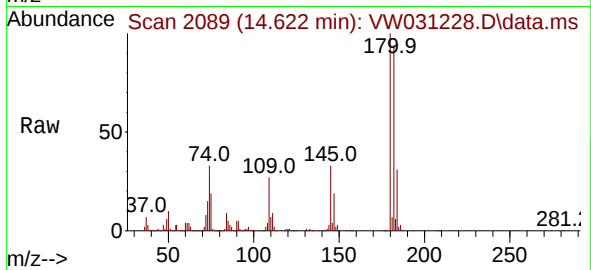
Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 375375

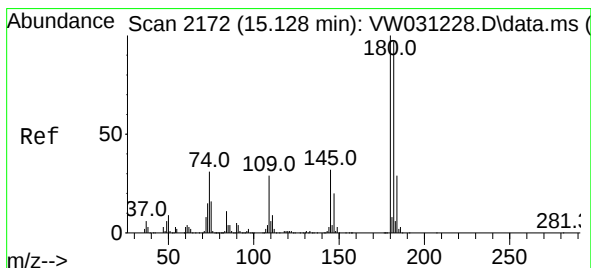
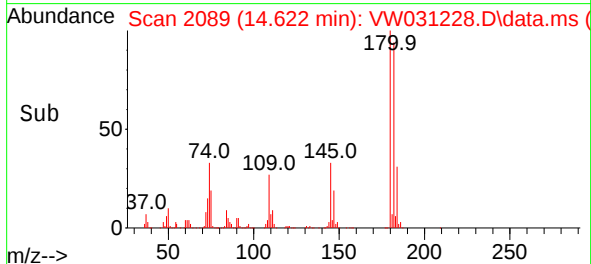
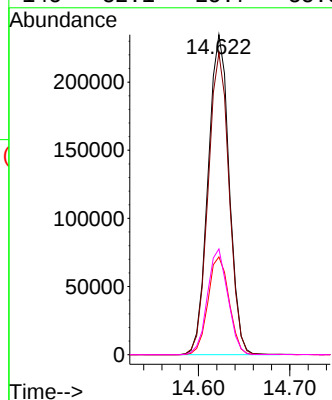
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

184 30.7 24.6 36.8

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.270 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031228.D

Acq: 13 Dec 2024 10:15

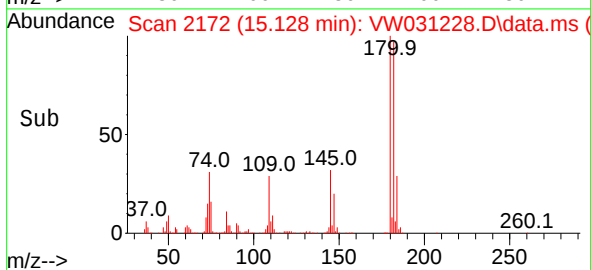
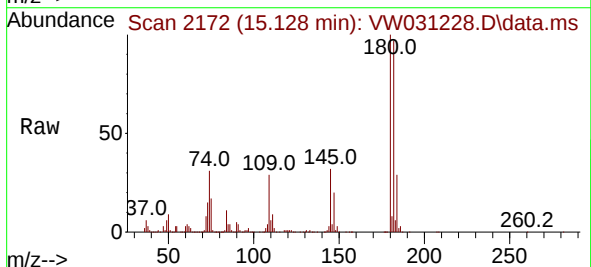
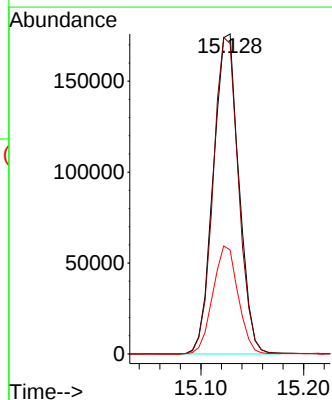
Tgt Ion:180 Resp: 304255

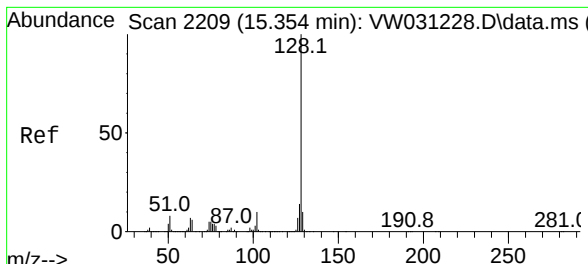
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

145 33.4 26.7 40.1



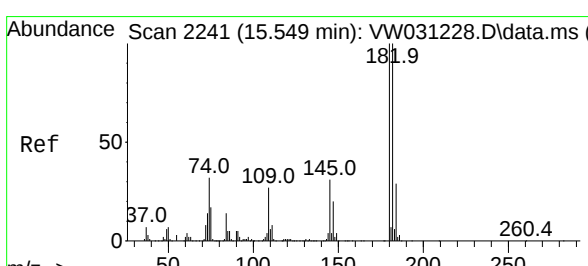
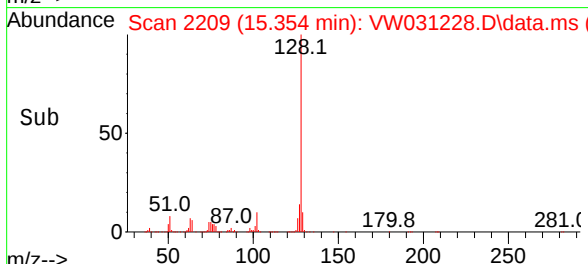
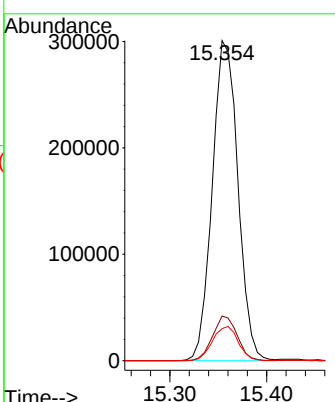
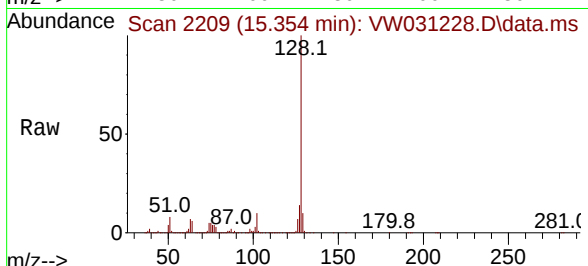


#71
Naphthalene
Concen: 27.256 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 553453

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.880 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031228.D
Acq: 13 Dec 2024 10:15

Tgt Ion:180 Resp: 250829

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.4
145	34.7	27.8	41.6

