

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031254.D
 Acq On : 13 Dec 2024 22:07
 Operator : SY/MD
 Sample : P5232-21MS
 Misc : 5.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	930775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	176649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	300466	21.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
7) Chloroethane-d5	2.893	69	221526	21.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
11) 1,1-Dichloroethene-d2	4.015	65	137527	20.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	7.099	46	74845	28.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.760%
24) Chloroform-d	7.648	84	529860	20.777	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.120%
26) 1,2-Dichloroethane-d4	8.306	65	285569	22.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	8.276	84	1005286	24.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.270	67	309245	25.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	10.318	98	848119	22.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.320%
43) trans-1,3-Dichloroprop...	10.574	79	99197	17.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.520%
47) 2-Hexanone-d5	10.922	63	54040	33.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186388	24.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	126078	19.225	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	148670	17.674	ug/L	99
3) Chloromethane	2.216	50	132794	14.052	ug/L	97
5) Vinyl chloride	2.369	62	215550	16.459	ug/L	99
6) Bromomethane	2.789	94	91489	11.363	ug/L	98
8) Chloroethane	2.929	64	128815	16.539	ug/L	98
9) Trichlorofluoromethane	3.265	101	213078	15.272	ug/L	98
12) 1,1-Dichloroethene	4.039	96	178605	15.653	ug/L	91
13) Acetone	4.167	43	32370	8.813	ug/L #	100
14) Carbon disulfide	4.380	76	517895	13.917	ug/L	99
15) Methyl Acetate	4.685	43	46037	11.035	ug/L	99
16) Methylene chloride	4.911	84	191104	16.318	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	188199	15.301	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	383232	18.638	ug/L	99
19) 1,1-Dichloroethane	6.215	63	370800	16.133	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	204764	15.387	ug/L	99
22) 2-Butanone	7.191	43	138789	31.185	ug/L	92
23) Bromochloromethane	7.514	128	90535	17.059	ug/L	98
25) Chloroform	7.679	83	367825	16.215	ug/L	97
27) 1,2-Dichloroethane	8.398	62	245277	17.199	ug/L	100

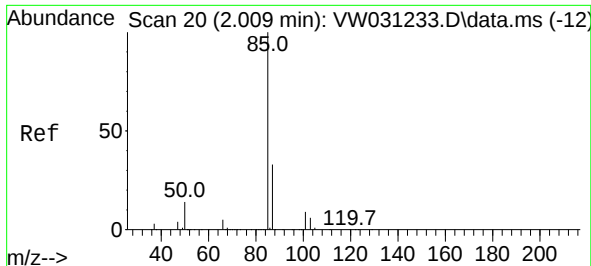
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031254.D
 Acq On : 13 Dec 2024 22:07
 Operator : SY/MD
 Sample : P5232-21MS
 Misc : 5.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	265707	15.208	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	317620	19.074	ug/L	99
31) Carbon tetrachloride	8.069	117	252689	17.033	ug/L	96
33) Benzene	8.325	78	738783	18.556	ug/L	100
34) Trichloroethene	9.087	95	190606	16.958	ug/L	89
35) Methylcyclohexane	9.331	83	221722	11.327	ug/L	100
37) 1,2-Dichloropropane	9.367	63	192190	19.351	ug/L	99
38) Bromodichloromethane	9.642	83	230105	17.821	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	219037	13.051	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	202104	38.355	ug/L	99
42) Toluene	10.385	91	722899	16.677	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	192106	14.018	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	130492	19.753	ug/L	96
46) Tetrachloroethene	10.861	164	114678	13.929	ug/L	93
48) 2-Hexanone	10.965	43	153928	34.347	ug/L	94
49) Dibromochloromethane	11.129	129	133960	17.107	ug/L	96
50) 1,2-Dibromoethane	11.233	107	112590	17.991	ug/L	95
51) Chlorobenzene	11.653	112	394647	14.521	ug/L	95
52) Ethylbenzene	11.727	91	708107	14.095	ug/L	95
53) m,p-Xylene	11.836	106	261598	13.679	ug/L	100
54) o-Xylene	12.159	106	255702	14.187	ug/L	97
55) Styrene	12.178	104	367453	12.256	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	128785	18.084	ug/L	99
59) Bromoform	12.348	173	65513	26.399	ug/L	99
60) Isopropylbenzene	12.458	105	620841	21.476	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	103745	34.321	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	448495	18.300	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	417602	17.629	ug/L	98
64) 1,3-Dichlorobenzene	13.488	146	165463	14.127	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	166043	14.308	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	145725	14.440	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	21799	28.418	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	69408	8.462	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	45928	6.731	ug/L	96
71) Naphthalene	15.360	128	134837	11.271	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35989	6.546	ug/L	99

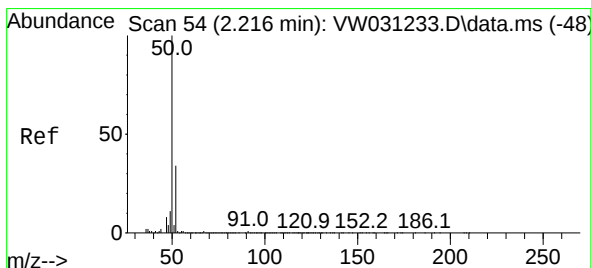
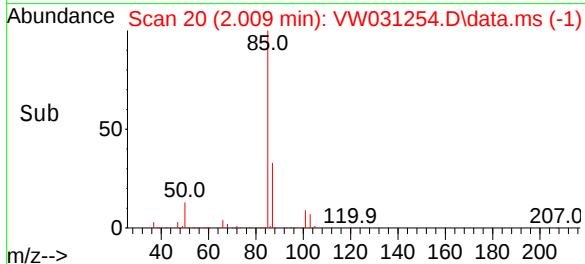
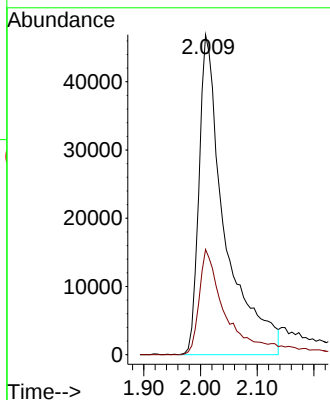
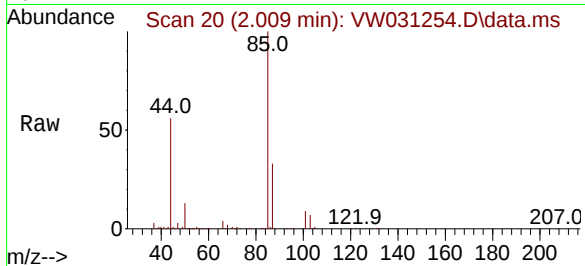
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 17.674 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

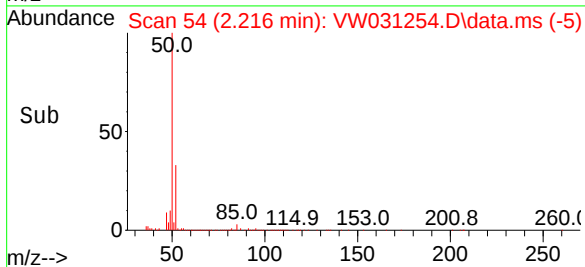
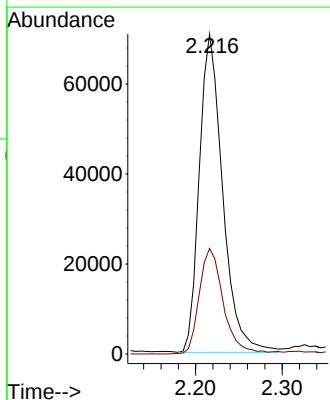
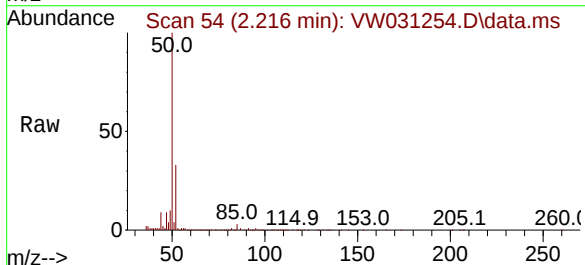
Instrument :
 MSVOA_W
 ClientSampleId :

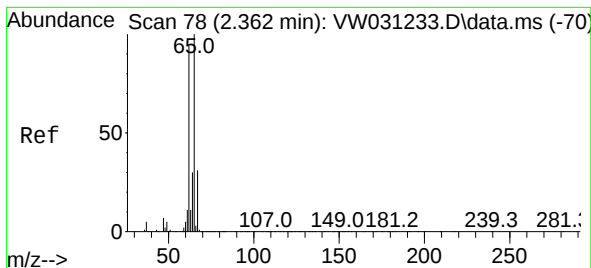
Tgt Ion: 85 Resp: 148670
 Ion Ratio Lower Upper
 85 100
 87 30.7 24.9 37.3



#3
 Chloromethane
 Concen: 14.052 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion: 50 Resp: 132794
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0





#5

Vinyl chloride

Concen: 16.459 ug/L

RT: 2.369 min Scan# 78

Delta R.T. 0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

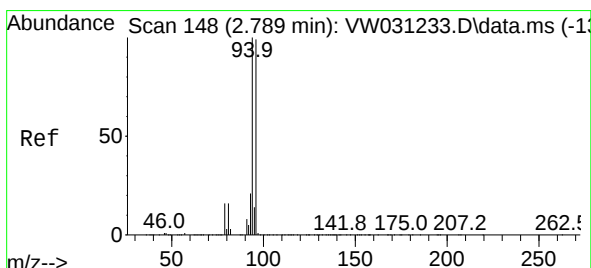
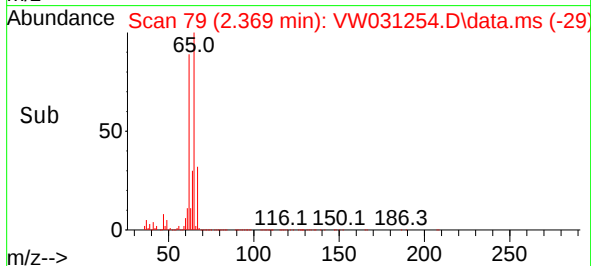
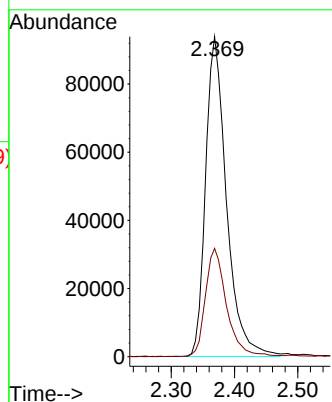
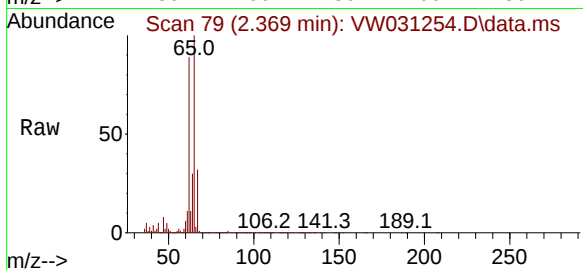
ClientSampleId :

Tgt Ion: 62 Resp: 215550

Ion Ratio Lower Upper

62 100

64 33.9 24.1 44.8



#6

Bromomethane

Concen: 11.363 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031254.D

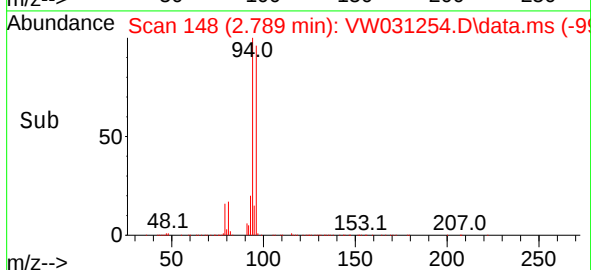
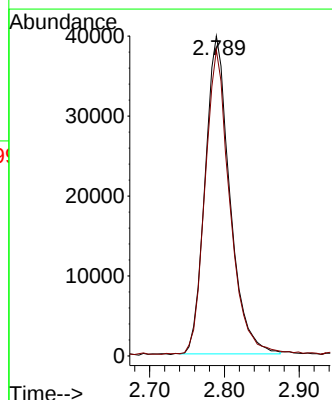
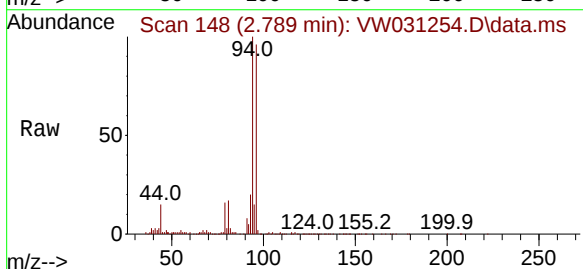
Acq: 13 Dec 2024 22:07

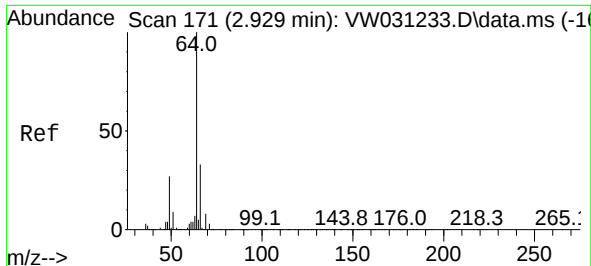
Tgt Ion: 94 Resp: 91489

Ion Ratio Lower Upper

94 100

96 95.6 65.6 121.8

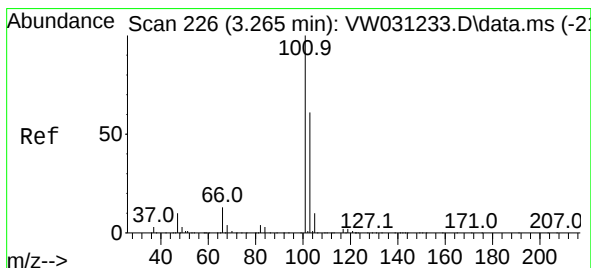
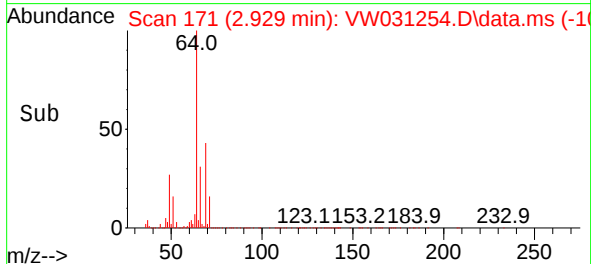
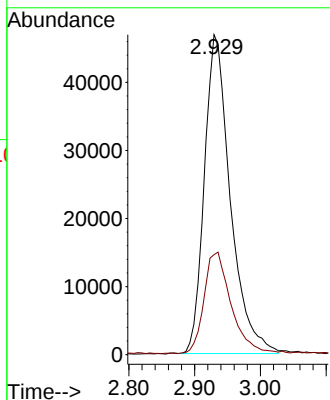
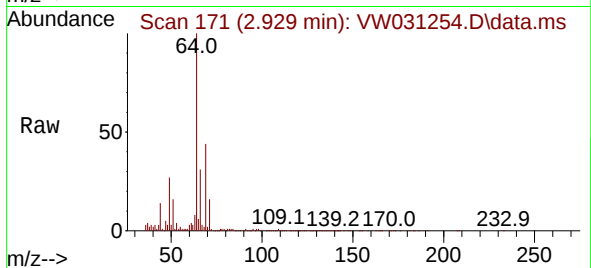




#8
Chloroethane
Concen: 16.539 ug/L
RT: 2.929 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

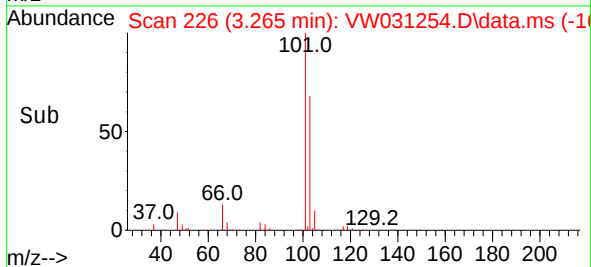
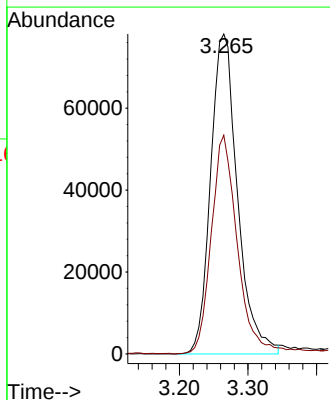
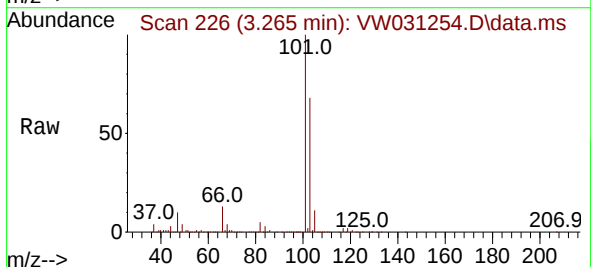
Instrument :
MSVOA_W
ClientSampleId :

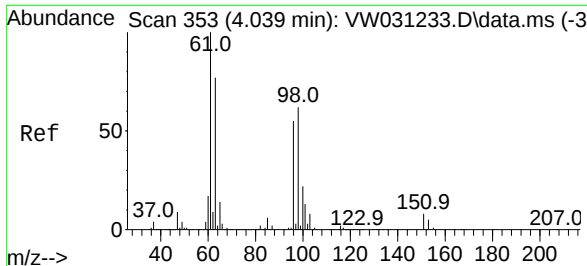
Tgt Ion: 64 Resp: 128815
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 15.272 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 101 Resp: 213078
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4





#12

1,1-Dichloroethene

Concen: 15.653 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

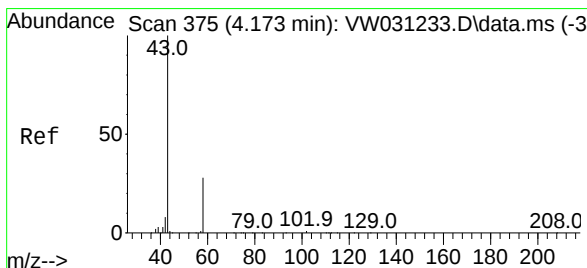
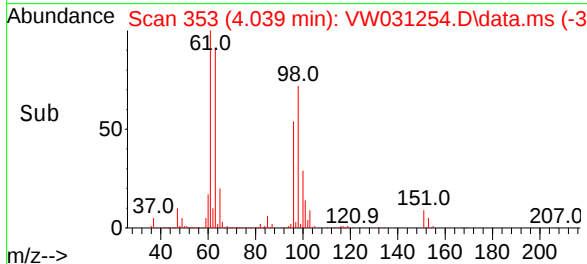
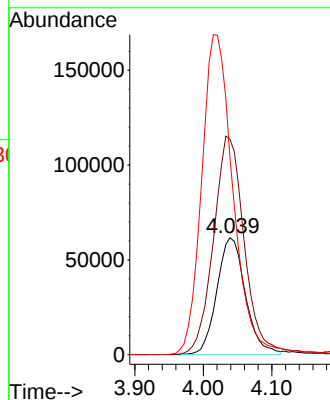
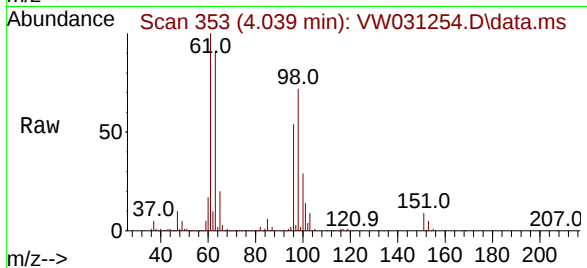
Tgt Ion: 96 Resp: 178605

Ion Ratio Lower Upper

96 100

61 184.2 125.3 232.7

63 168.2 104.6 194.2



#13

Acetone

Concen: 8.813 ug/L

RT: 4.167 min Scan# 374

Delta R.T. -0.006 min

Lab File: VW031254.D

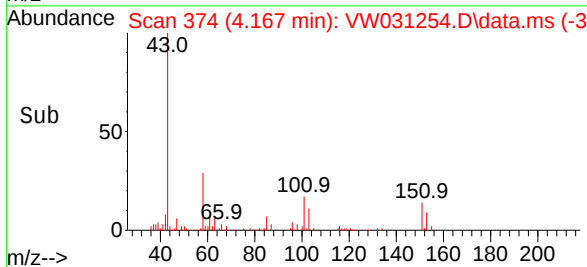
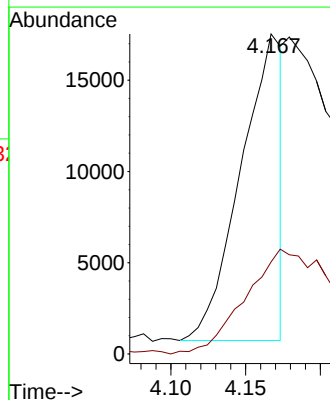
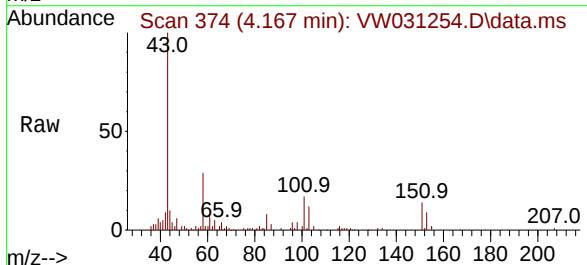
Acq: 13 Dec 2024 22:07

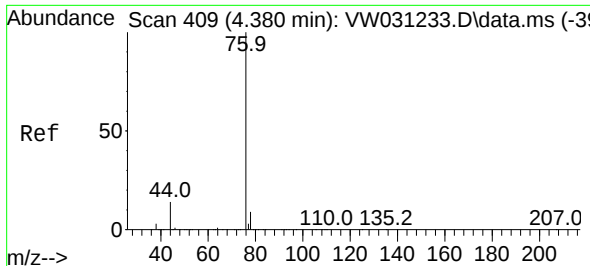
Tgt Ion: 43 Resp: 32370

Ion Ratio Lower Upper

43 100

58 83.0 0.0 0.0#

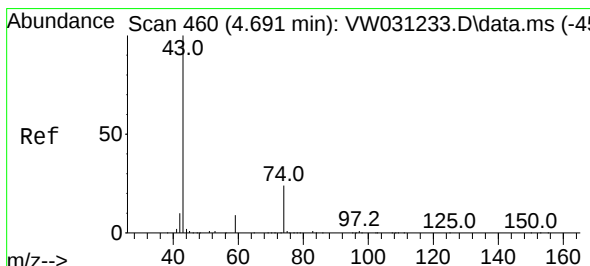
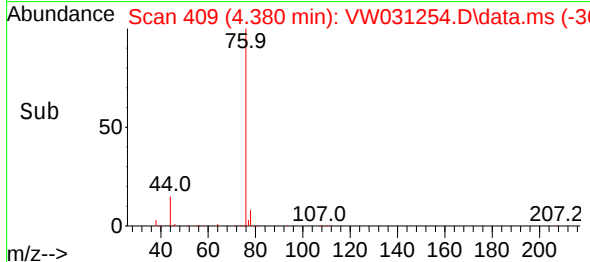
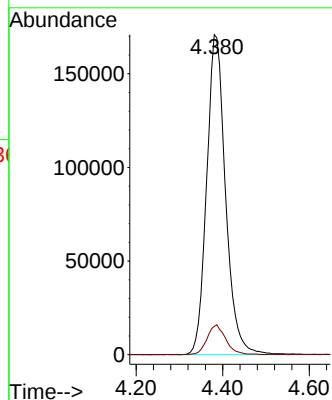
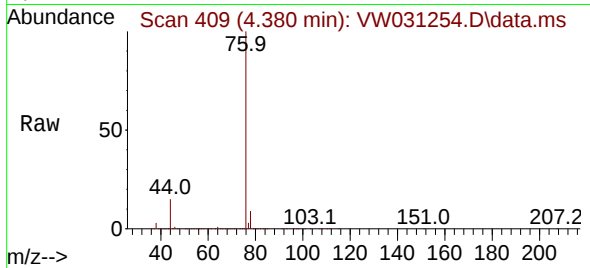




#14
Carbon disulfide
Concen: 13.917 ug/L
RT: 4.380 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

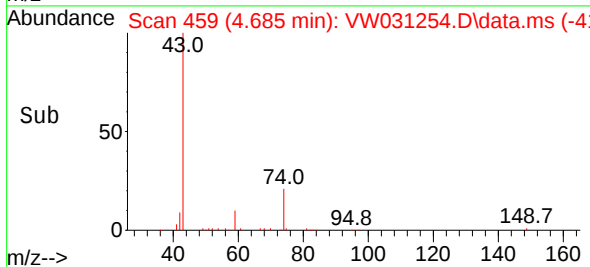
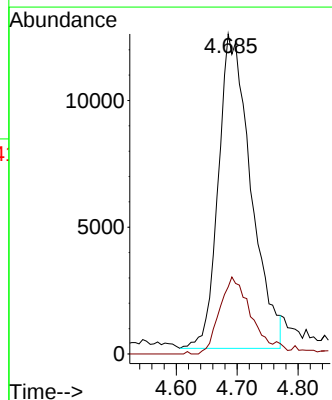
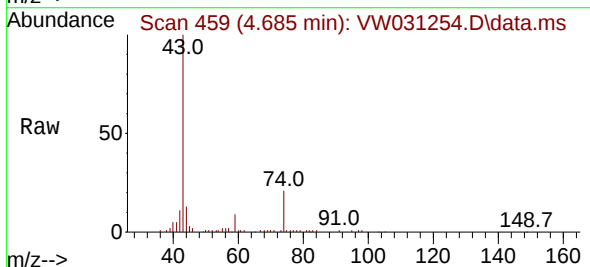
Instrument :
MSVOA_W
ClientSampleId :

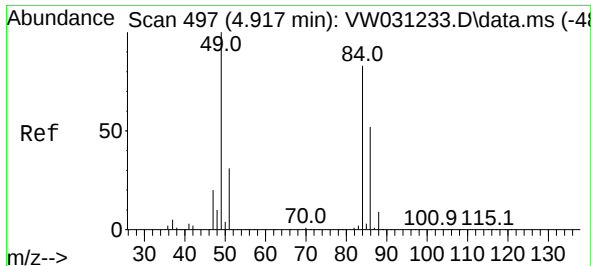
Tgt Ion: 76 Resp: 517895
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#15
Methyl Acetate
Concen: 11.035 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 43 Resp: 46037
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3

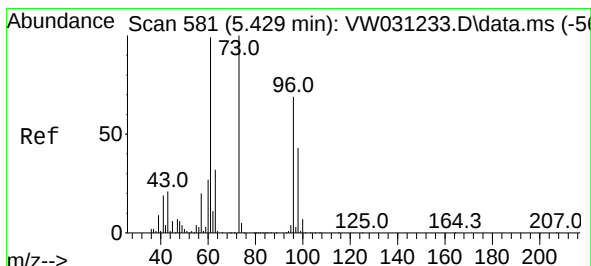
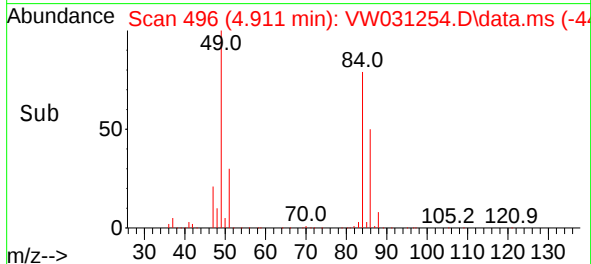
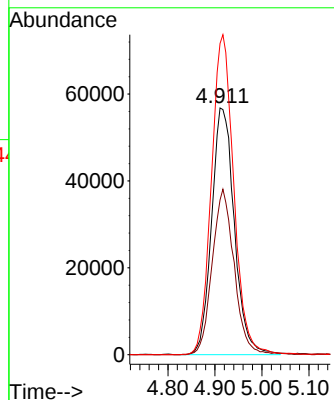
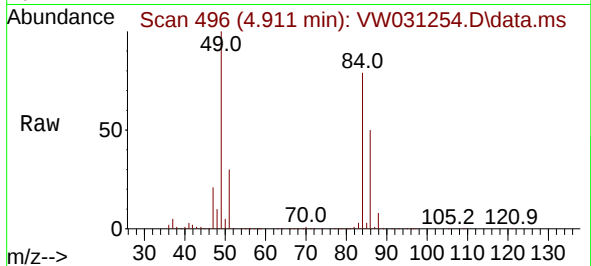




#16
Methylene chloride
Concen: 16.318 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

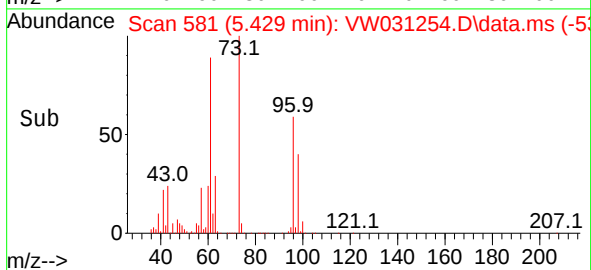
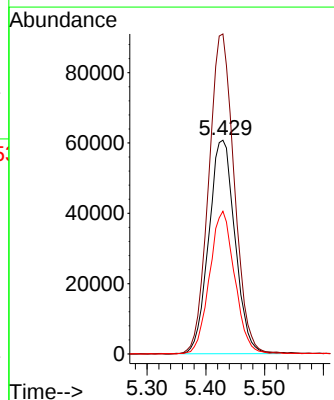
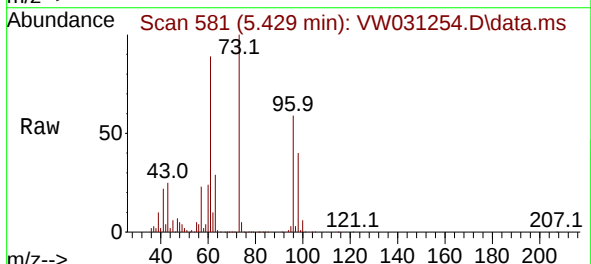
Instrument :
MSVOA_W
ClientSampleId :

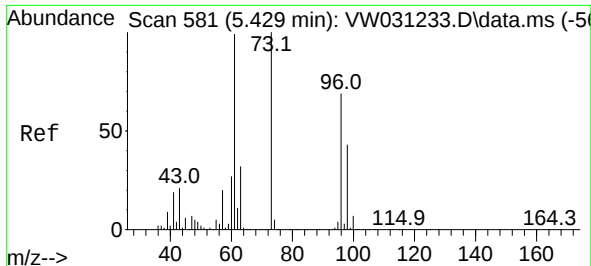
Tgt Ion: 84 Resp: 191104
Ion Ratio Lower Upper
84 100
86 62.7 44.7 82.9
49 126.1 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 15.301 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

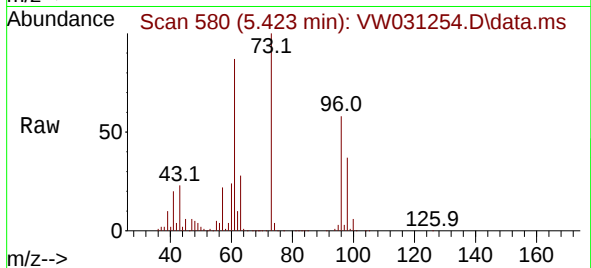
Tgt Ion: 96 Resp: 188199
Ion Ratio Lower Upper
96 100
61 149.6 100.7 187.1
98 66.7 43.8 81.3



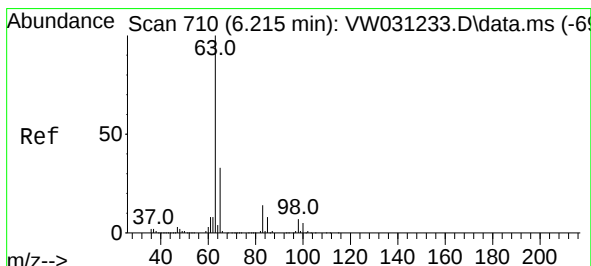
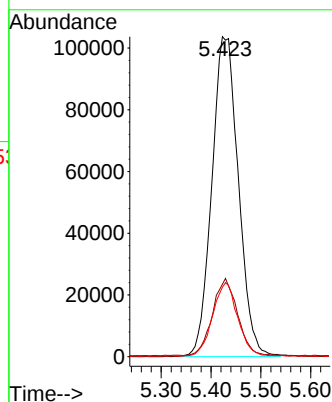
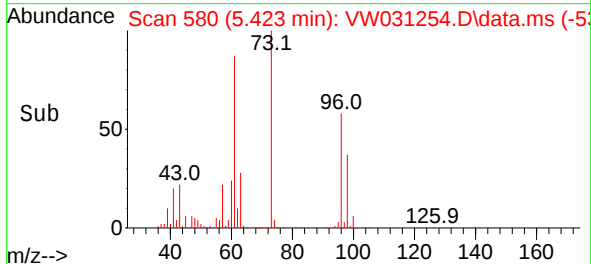


#18
Methyl tert-butyl Ether
Concen: 18.638 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :

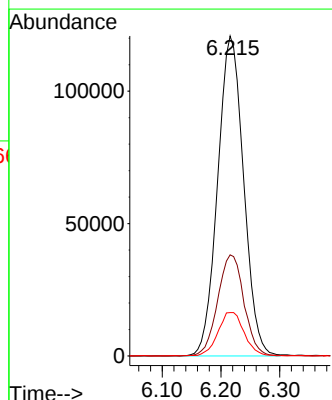
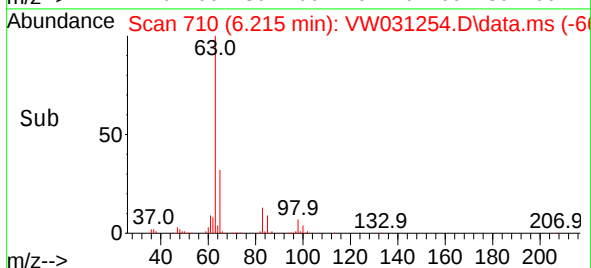
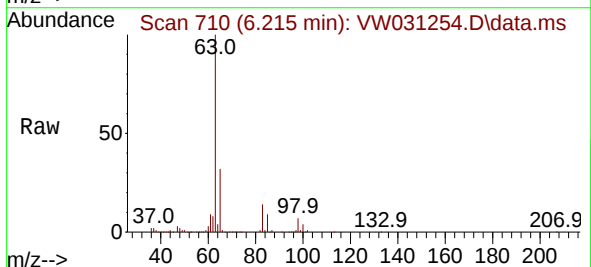


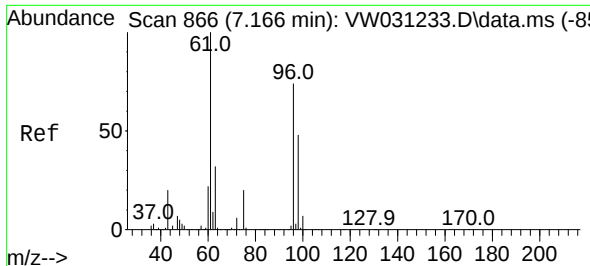
Tgt Ion: 73 Resp: 383232
Ion Ratio Lower Upper
73 100
43 22.9 17.9 26.9
57 21.8 17.9 26.9



#19
1,1-Dichloroethane
Concen: 16.133 ug/L
RT: 6.215 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 63 Resp: 370800
Ion Ratio Lower Upper
63 100
65 31.6 21.9 40.7
83 13.6 9.3 17.3

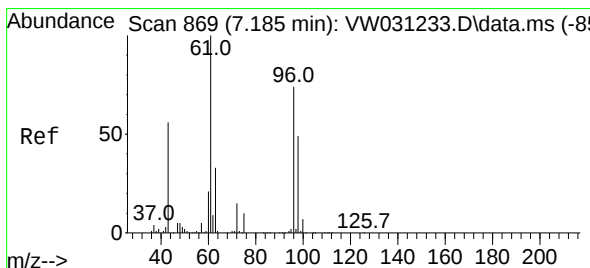
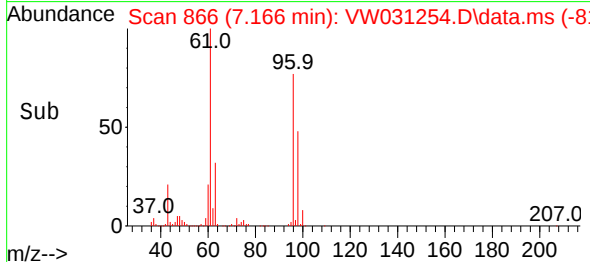
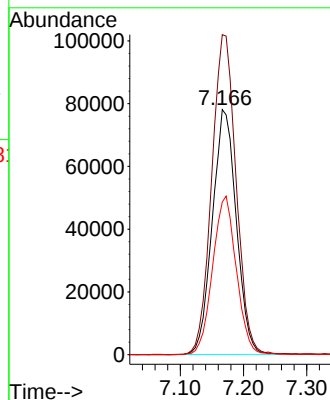
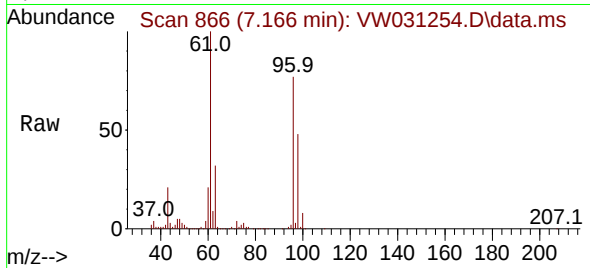




#20
 cis-1,2-Dichloroethene
 Concen: 15.387 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

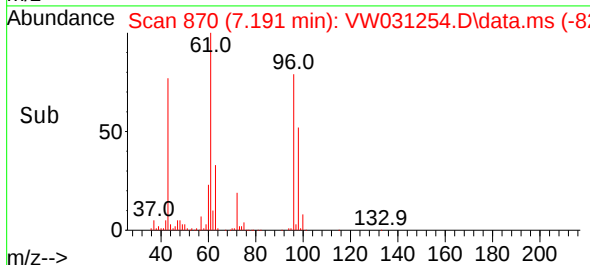
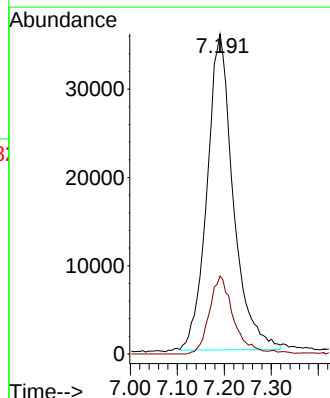
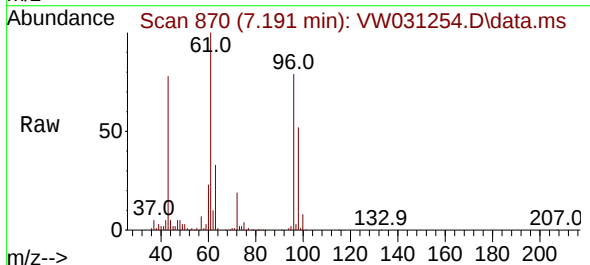
Instrument :
 MSVOA_W
 ClientSampleId :

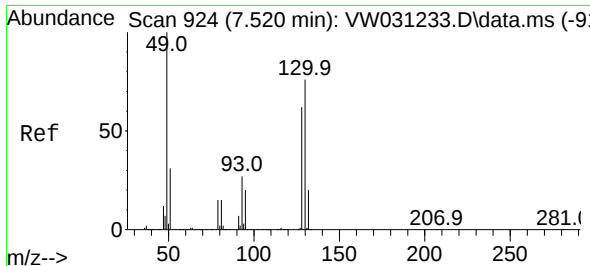
Tgt Ion: 96 Resp: 204764
 Ion Ratio Lower Upper
 96 100
 61 130.6 92.2 171.2
 98 62.3 43.7 81.1



#22
 2-Butanone
 Concen: 31.185 ug/L
 RT: 7.191 min Scan# 870
 Delta R.T. 0.006 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

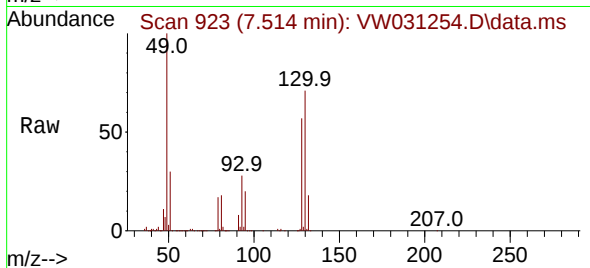
Tgt Ion: 43 Resp: 138789
 Ion Ratio Lower Upper
 43 100
 72 22.4 13.3 39.8



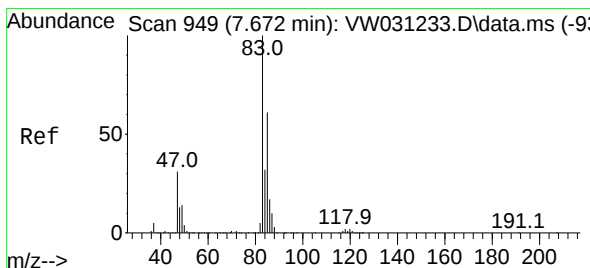
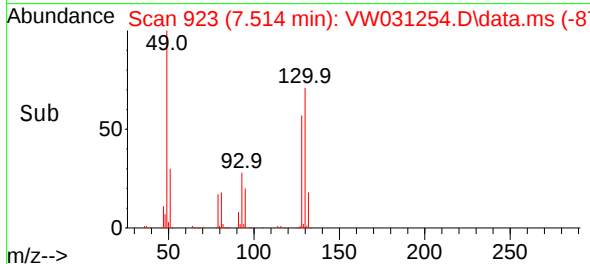
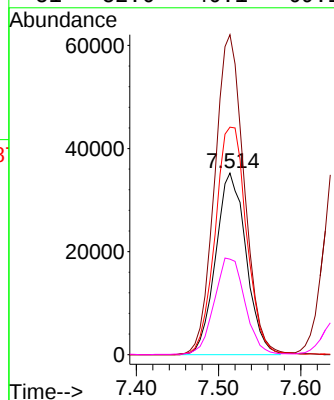


#23
Bromochloromethane
Concen: 17.059 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :

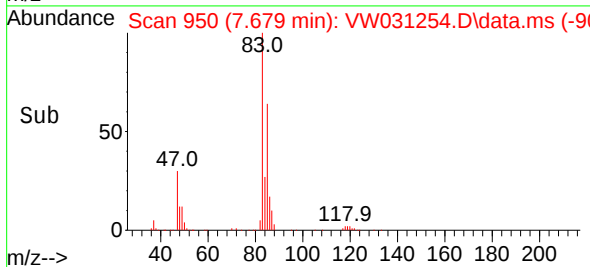
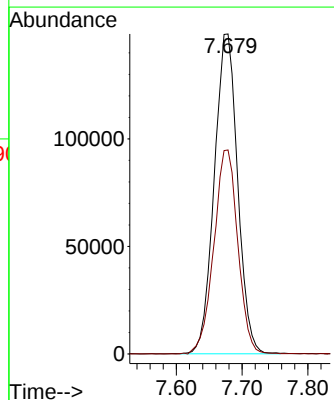
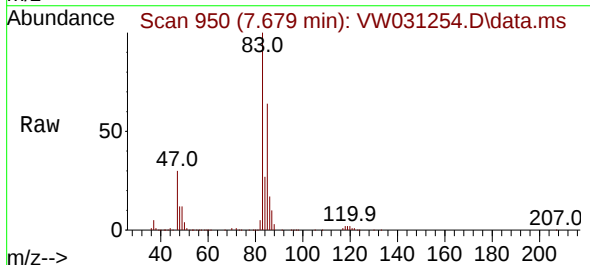


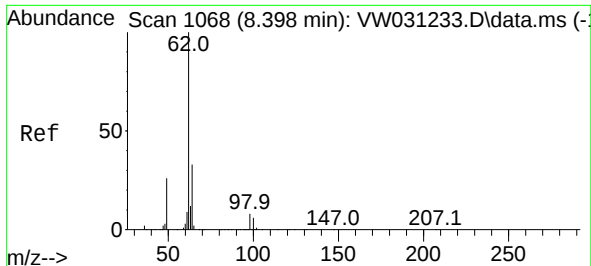
Tgt Ion:128	Resp: 90535
Ion Ratio	Lower Upper
128	100
49	176.3 123.7 229.7
130	125.4 90.3 167.7
51	52.6 46.1 69.1



#25
Chloroform
Concen: 16.215 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 83	Resp: 367825
Ion Ratio	Lower Upper
83	100
85	63.7 46.1 85.5





#27

1,2-Dichloroethane

Concen: 17.199 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

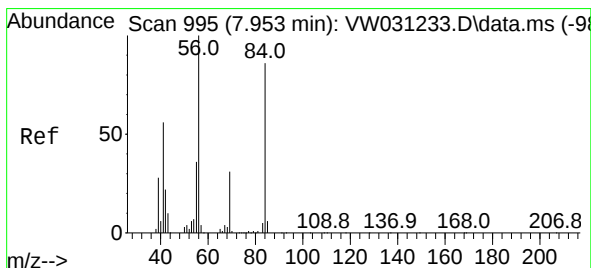
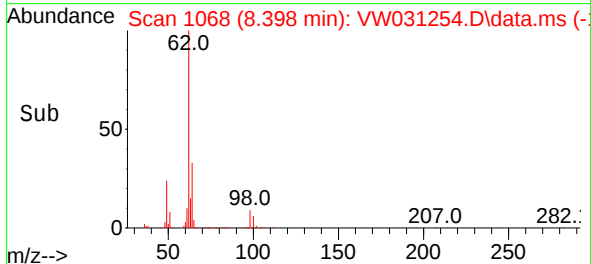
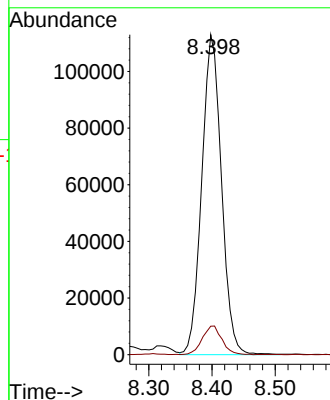
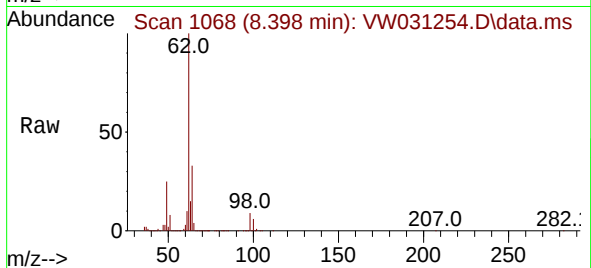
ClientSampleId :

Tgt Ion: 62 Resp: 245277

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8



#29

Cyclohexane

Concen: 15.208 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

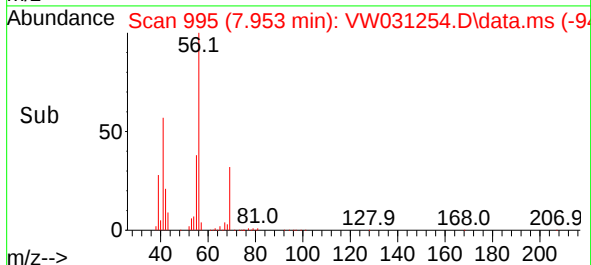
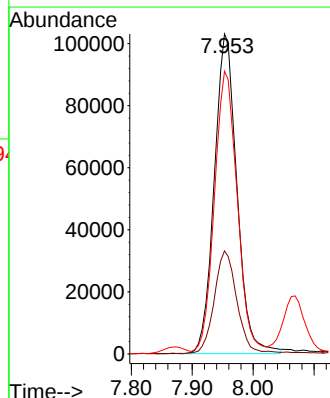
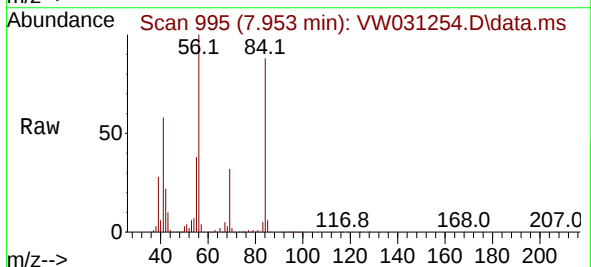
Tgt Ion: 56 Resp: 265707

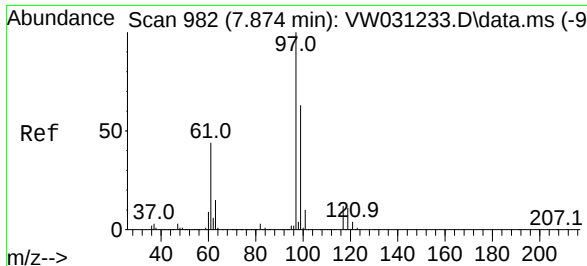
Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 88.9 68.9 103.3





#30

1,1,1-Trichloroethane

Concen: 19.074 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

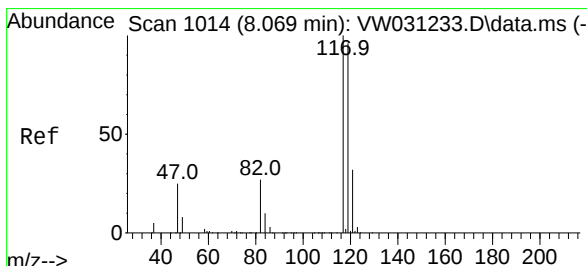
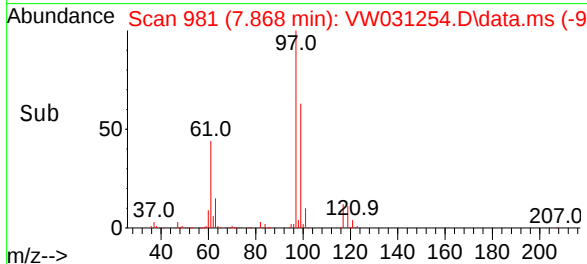
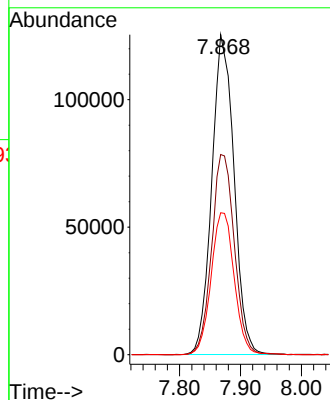
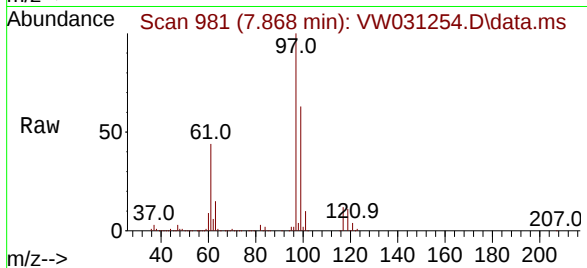
Tgt Ion: 97 Resp: 317620

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 46.2 36.3 54.5



#31

Carbon tetrachloride

Concen: 17.033 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031254.D

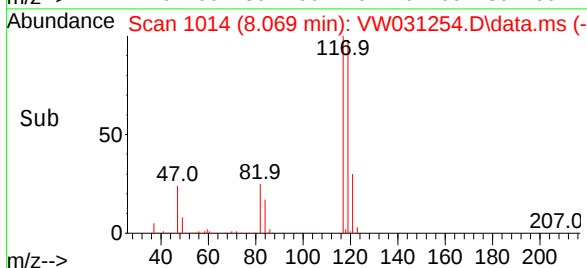
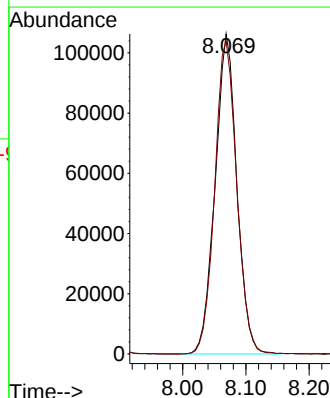
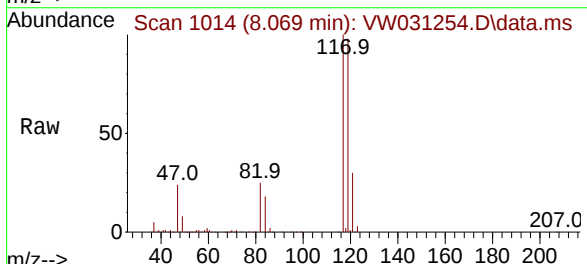
Acq: 13 Dec 2024 22:07

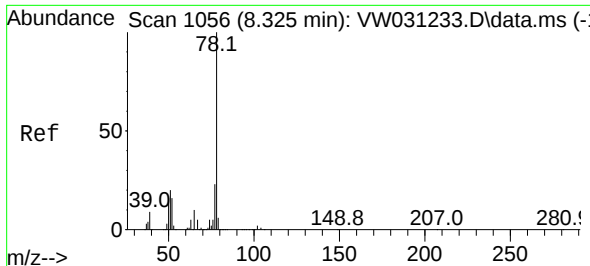
Tgt Ion: 117 Resp: 252689

Ion Ratio Lower Upper

117 100

119 99.3 76.0 114.0

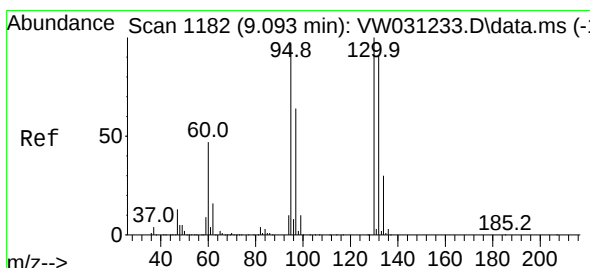
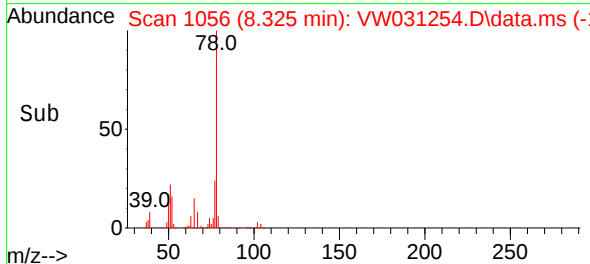
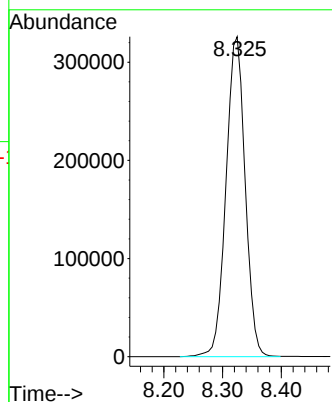
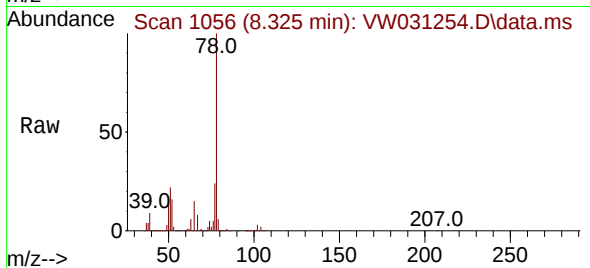




#33
Benzene
Concen: 18.556 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :

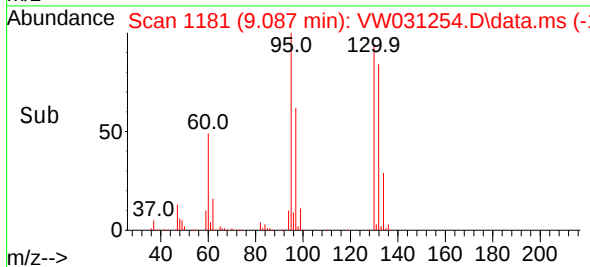
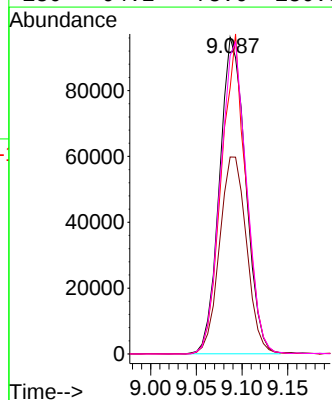
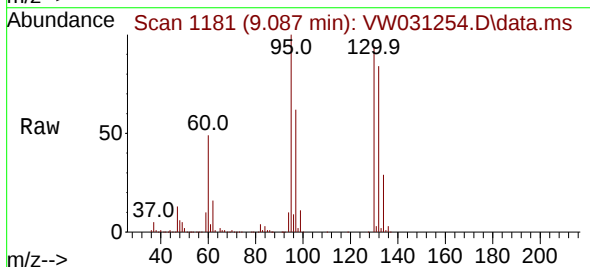
Tgt Ion: 78 Resp: 738783

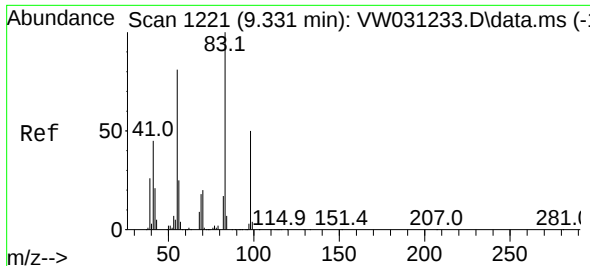


#34
Trichloroethene
Concen: 16.958 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 95 Resp: 190606

Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.5	86.3
132	84.0	70.3	130.5
130	94.2	73.6	136.8





#35

Methylcyclohexane

Concen: 11.327 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

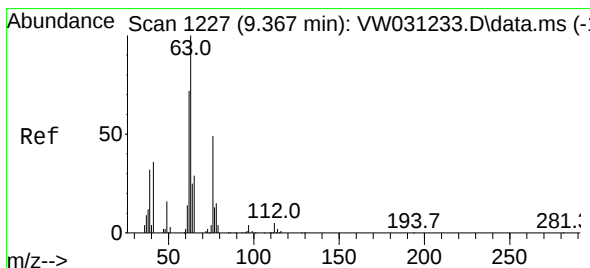
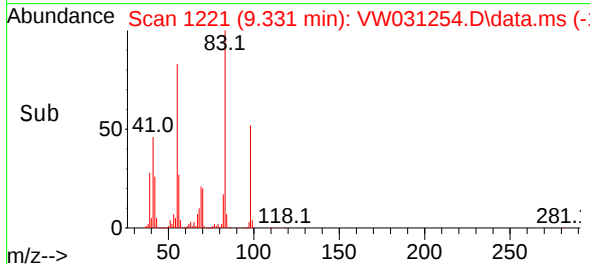
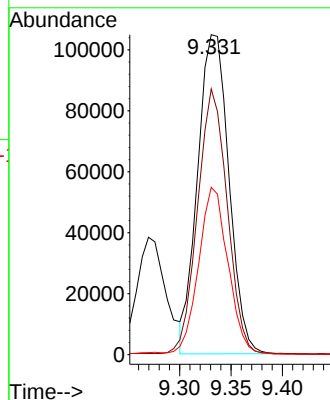
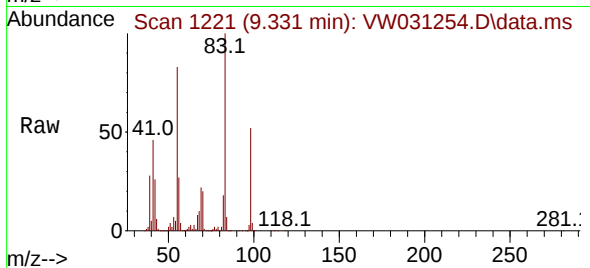
Tgt Ion: 83 Resp: 221722

Ion Ratio Lower Upper

83 100

55 78.3 62.6 93.8

98 49.2 39.8 59.6



#37

1,2-Dichloropropane

Concen: 19.351 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031254.D

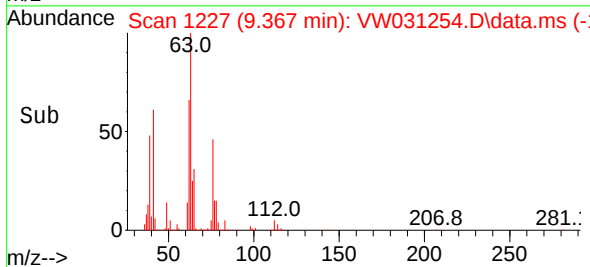
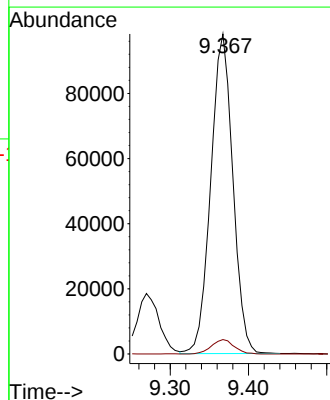
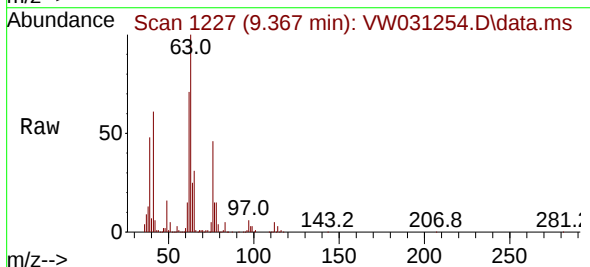
Acq: 13 Dec 2024 22:07

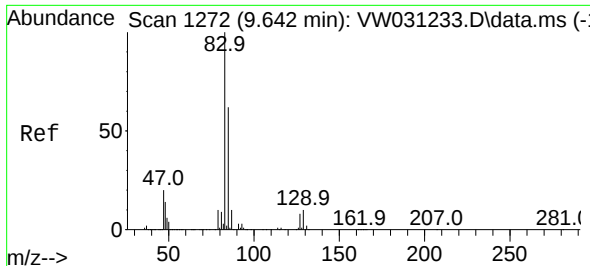
Tgt Ion: 63 Resp: 192190

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8





#38

Bromodichloromethane

Concen: 17.821 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

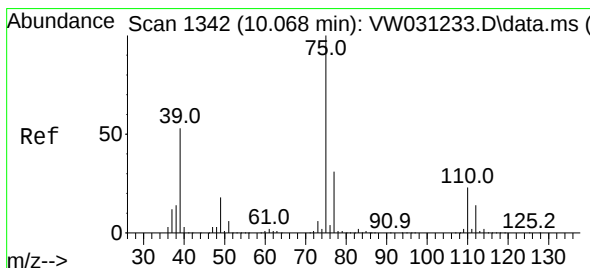
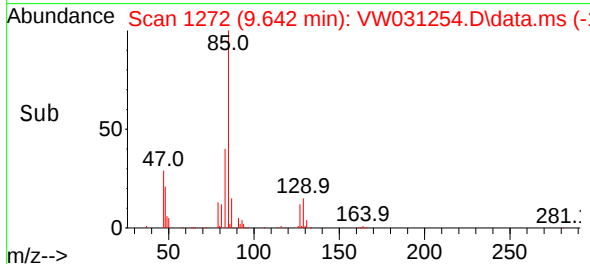
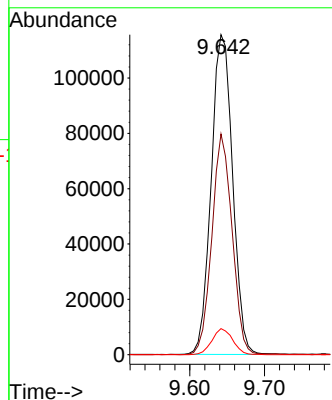
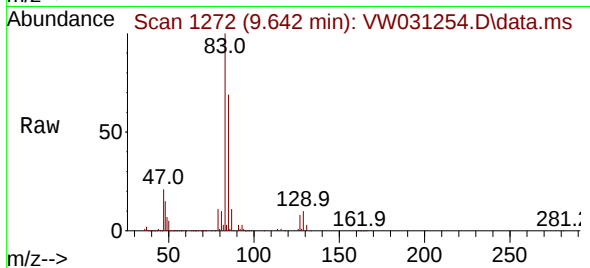
Tgt Ion: 83 Resp: 230105

Ion Ratio Lower Upper

83 100

85 69.0 46.5 86.5

127 8.2 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 13.051 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031254.D

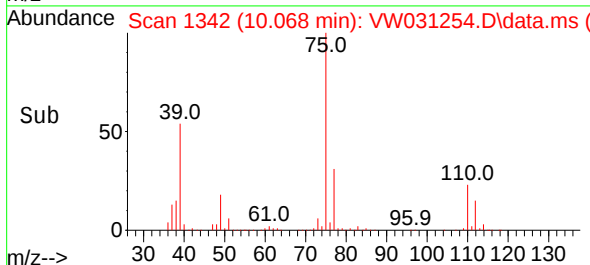
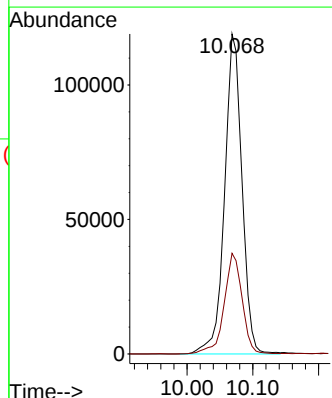
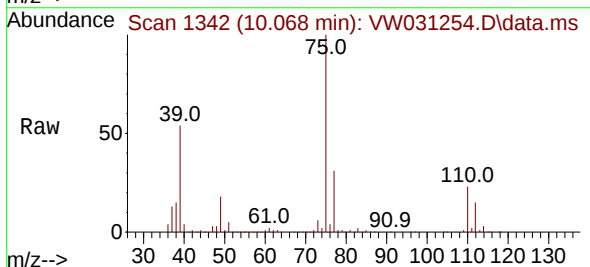
Acq: 13 Dec 2024 22:07

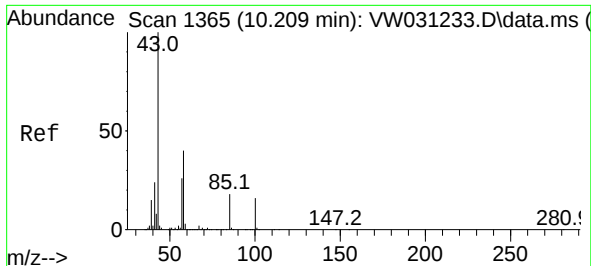
Tgt Ion: 75 Resp: 219037

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 38.355 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

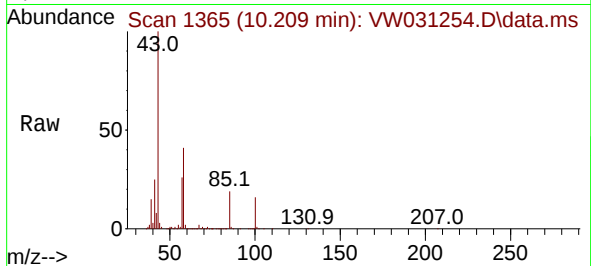
Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :



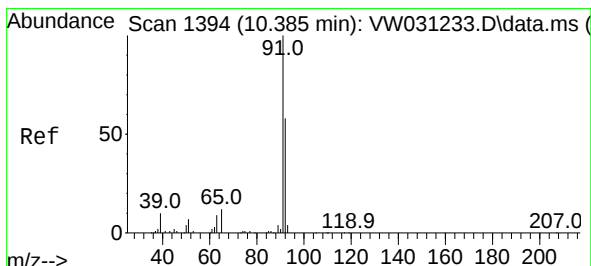
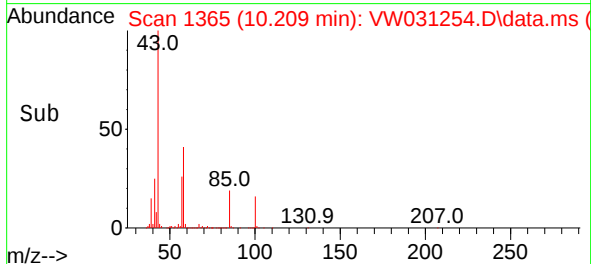
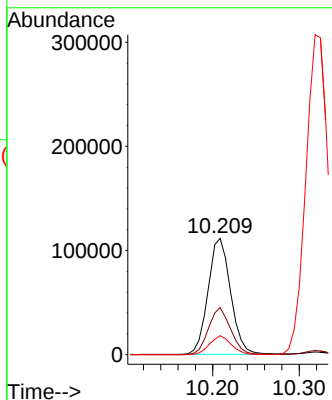
Tgt Ion: 43 Resp: 202104

Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7

100 15.8 13.0 19.6



#42

Toluene

Concen: 16.677 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031254.D

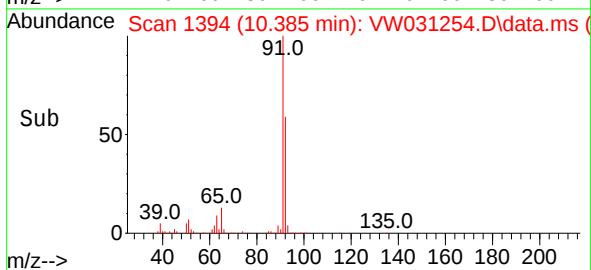
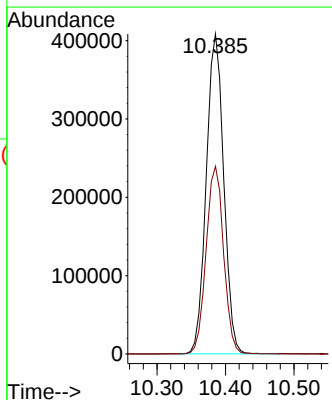
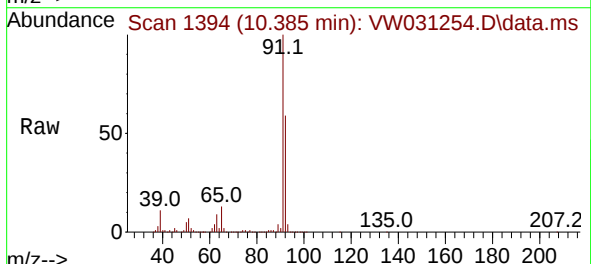
Acq: 13 Dec 2024 22:07

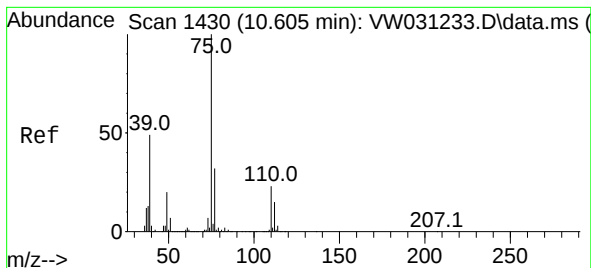
Tgt Ion: 91 Resp: 722899

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 14.018 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

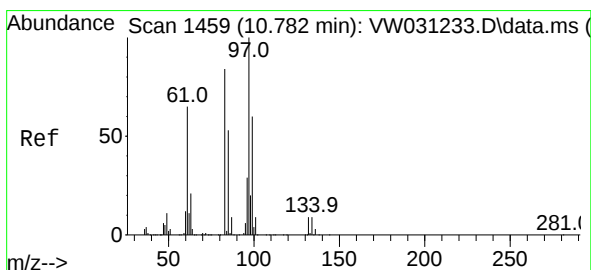
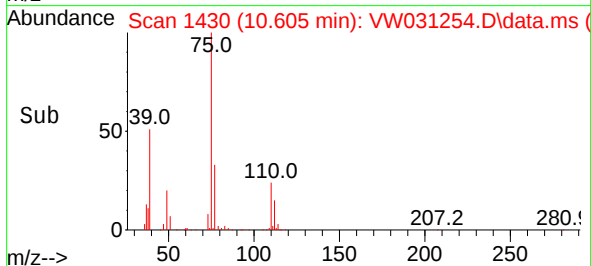
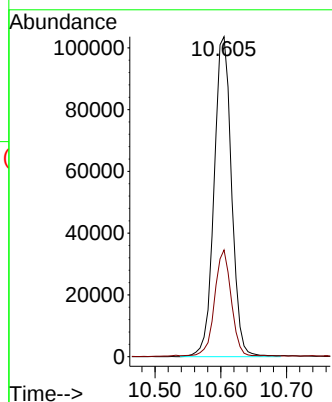
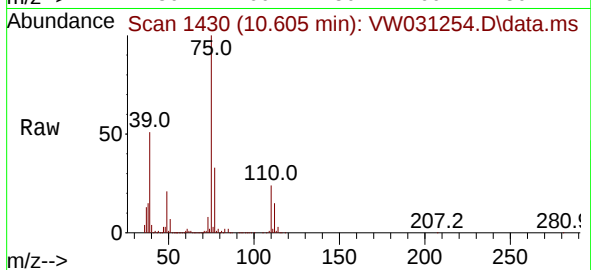
ClientSampleId :

Tgt Ion: 75 Resp: 192106

Ion Ratio Lower Upper

75 100

77 33.4 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 19.753 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Tgt Ion: 97 Resp: 130492

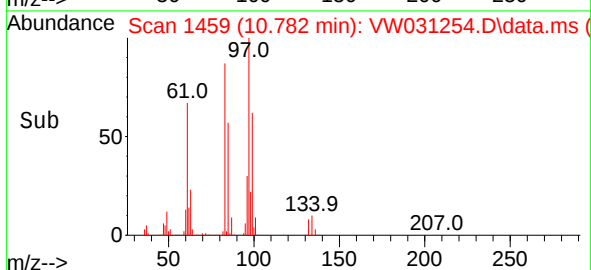
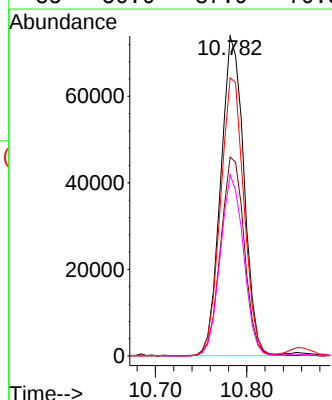
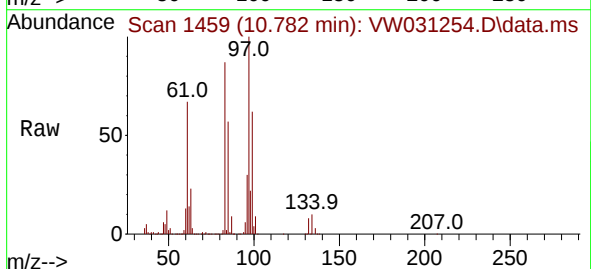
Ion Ratio Lower Upper

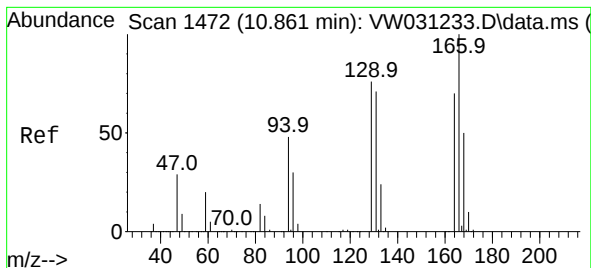
97 100

99 62.1 43.0 80.0

83 86.9 56.4 104.7

85 56.6 37.9 70.3





#46

Tetrachloroethene

Concen: 13.929 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

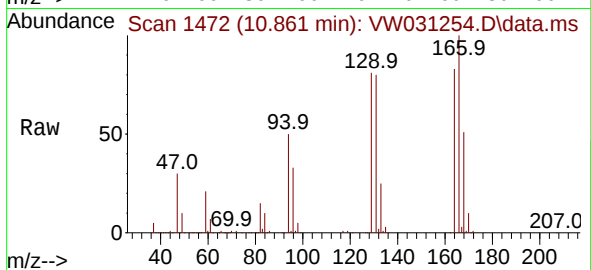
Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 114678

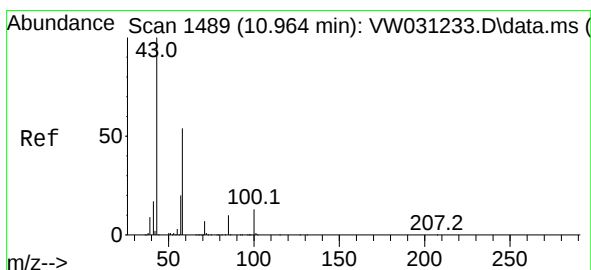
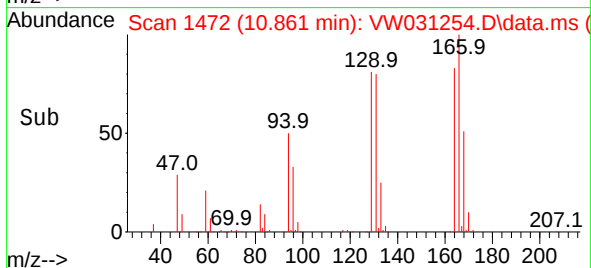
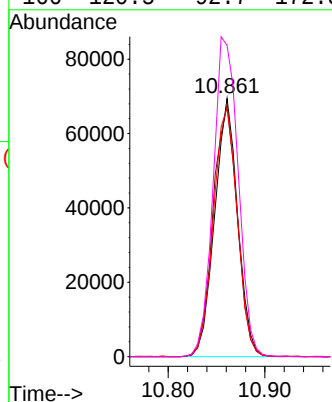
Ion Ratio Lower Upper

164 100

129 97.2 73.5 136.5

131 96.4 66.6 123.8

166 120.5 92.7 172.3



#48

2-Hexanone

Concen: 34.347 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Tgt Ion: 43 Resp: 153928

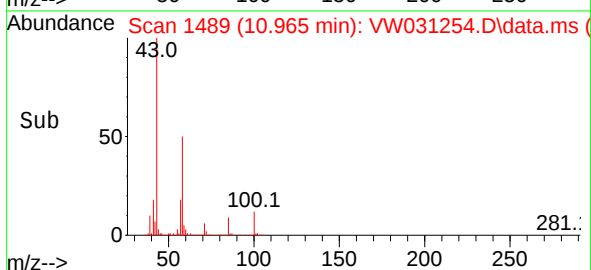
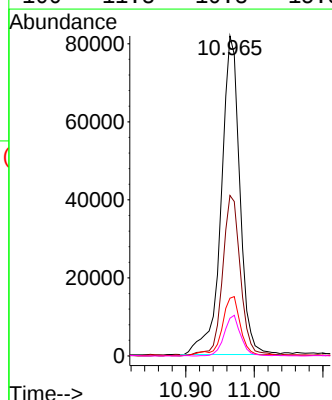
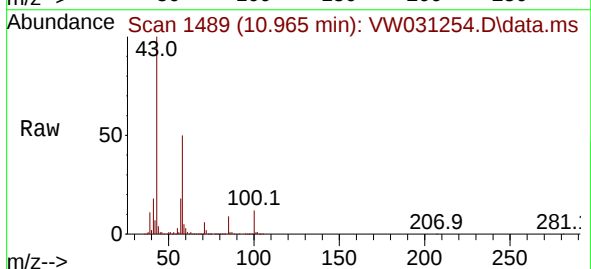
Ion Ratio Lower Upper

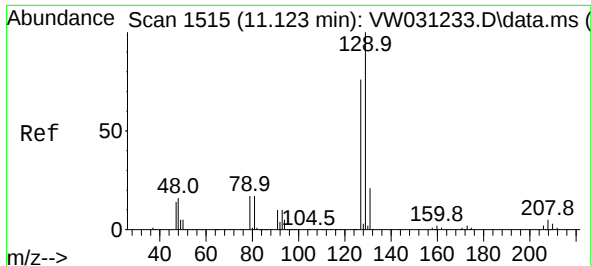
43 100

58 48.7 43.0 64.6

57 17.1 15.7 23.5

100 11.3 10.3 15.5





#49

Dibromochloromethane

Concen: 17.107 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

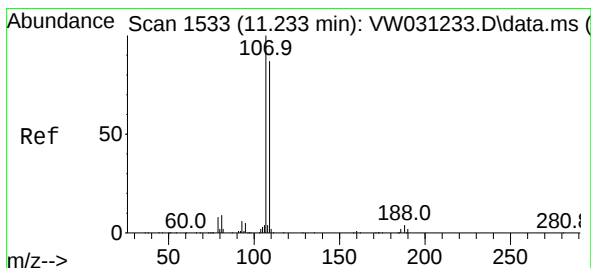
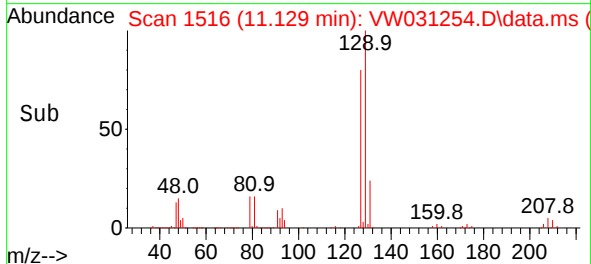
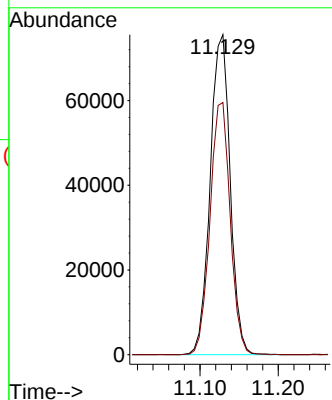
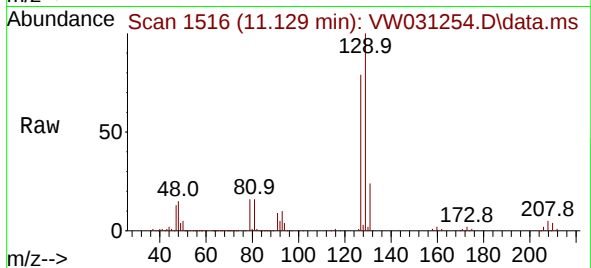
ClientSampleId :

Tgt Ion:129 Resp: 133960

Ion Ratio Lower Upper

129 100

127 78.8 57.6 107.0



#50

1,2-Dibromoethane

Concen: 17.991 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

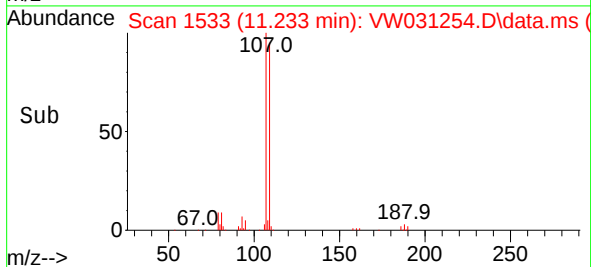
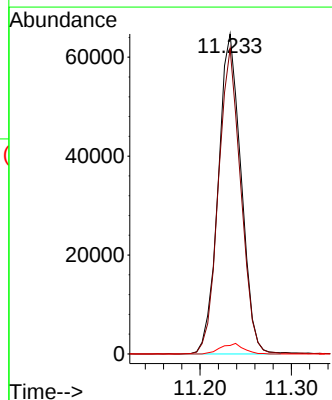
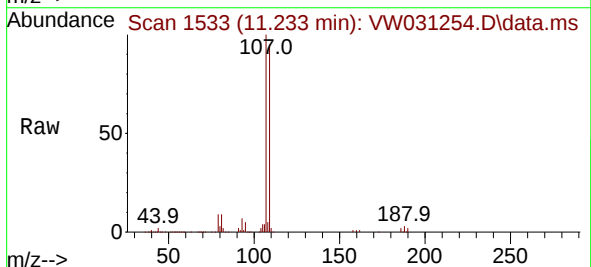
Tgt Ion:107 Resp: 112590

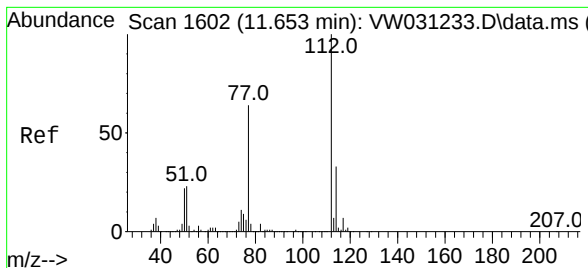
Ion Ratio Lower Upper

107 100

109 95.5 63.2 117.4

188 2.6 2.6 4.0

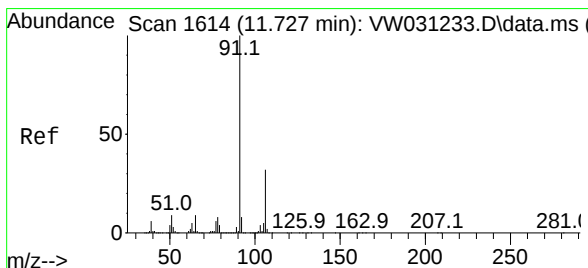
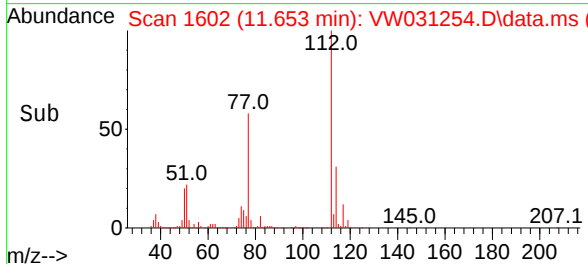
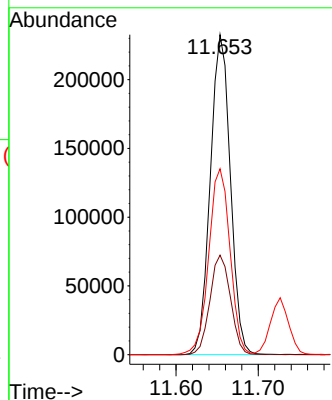
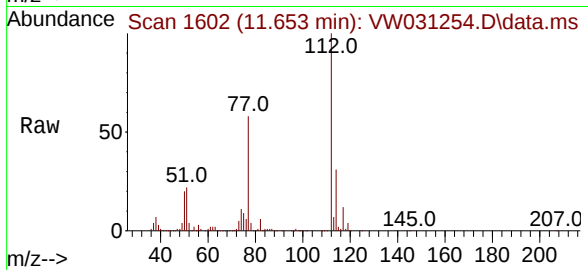




#51
Chlorobenzene
Concen: 14.521 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

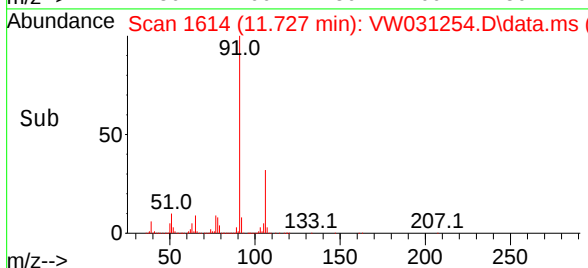
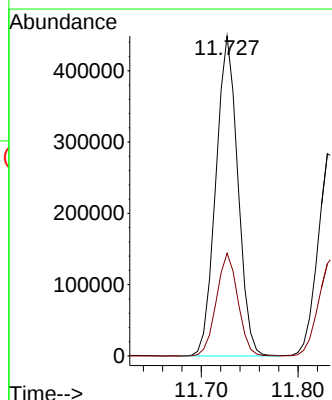
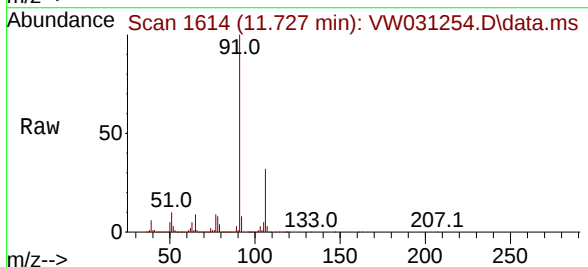
Instrument :
MSVOA_W
ClientSampleId :

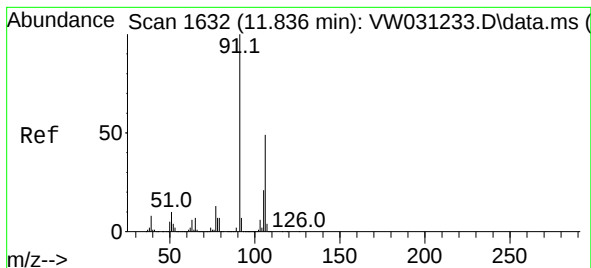
Tgt Ion:112 Resp: 394647
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.3
77 58.1 50.2 75.4



#52
Ethylbenzene
Concen: 14.095 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 91 Resp: 708107
Ion Ratio Lower Upper
91 100
106 32.1 20.7 38.5





#53

m,p-Xylene

Concen: 13.679 ug/L

RT: 11.836 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

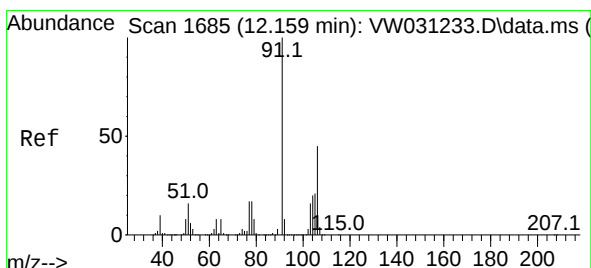
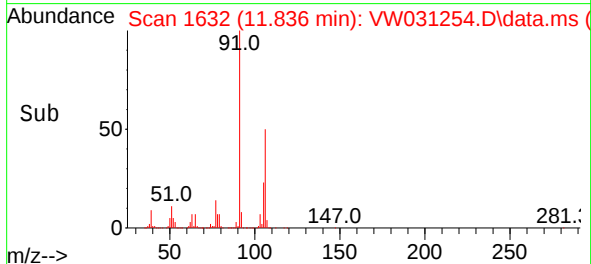
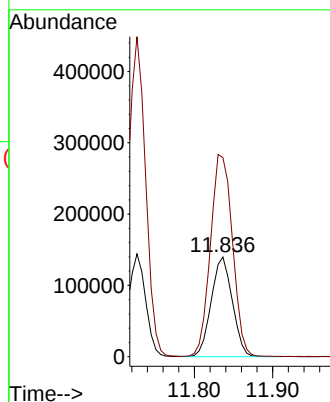
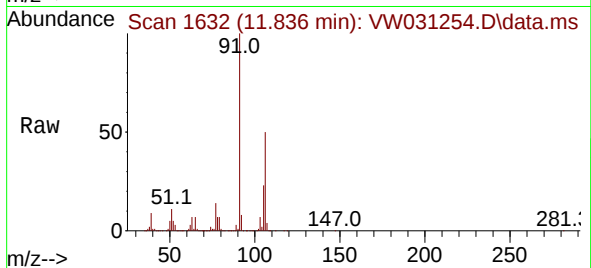
ClientSampleId :

Tgt Ion:106 Resp: 261598

Ion Ratio Lower Upper

106 100

91 199.6 139.9 259.7



#54

o-Xylene

Concen: 14.187 ug/L

RT: 12.159 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031254.D

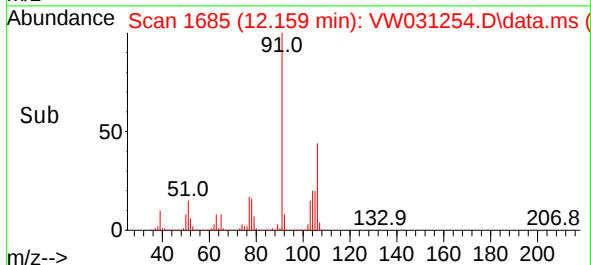
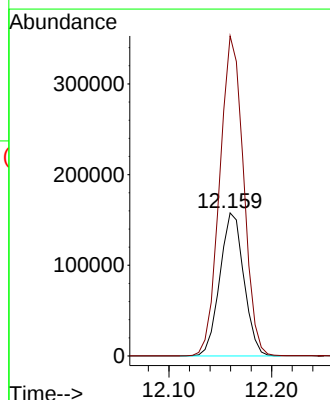
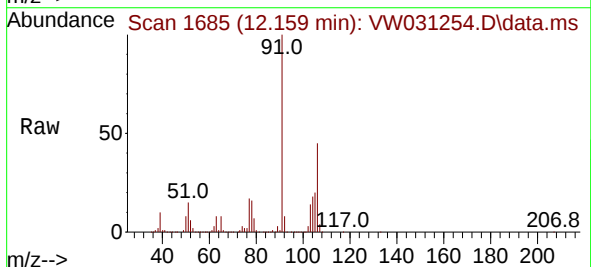
Acq: 13 Dec 2024 22:07

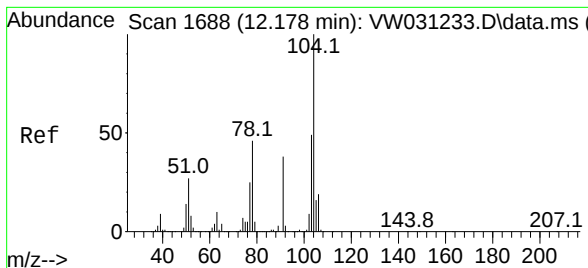
Tgt Ion:106 Resp: 255702

Ion Ratio Lower Upper

106 100

91 223.6 153.1 284.3





#55

Styrene

Concen: 12.256 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

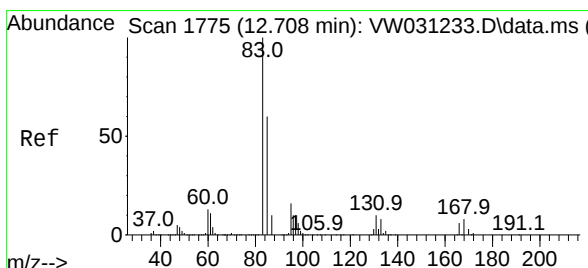
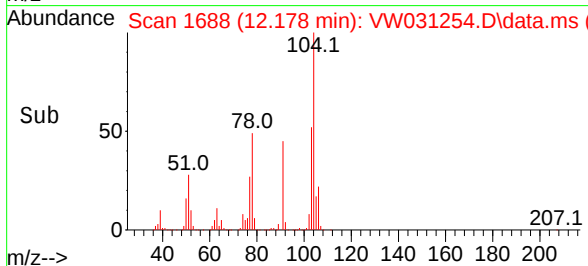
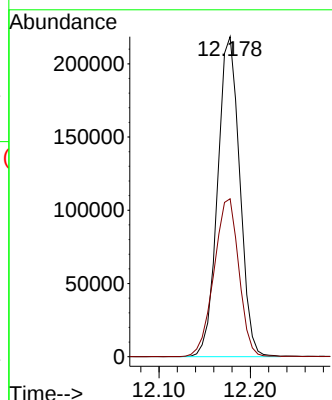
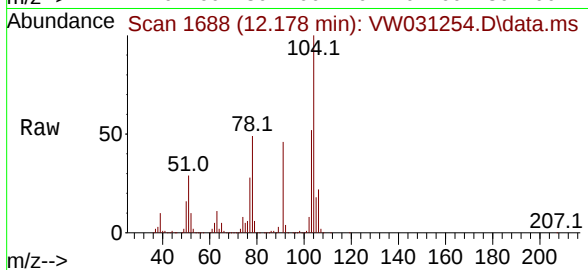
ClientSampleId :

Tgt Ion:104 Resp: 367453

Ion Ratio Lower Upper

104 100

78 49.3 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 18.084 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

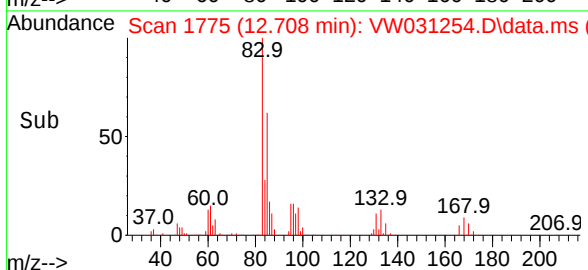
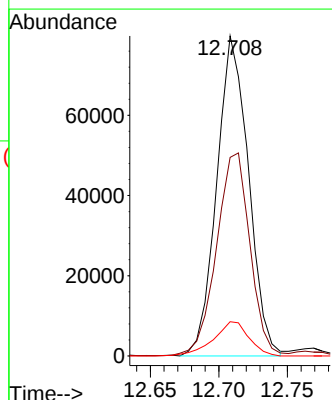
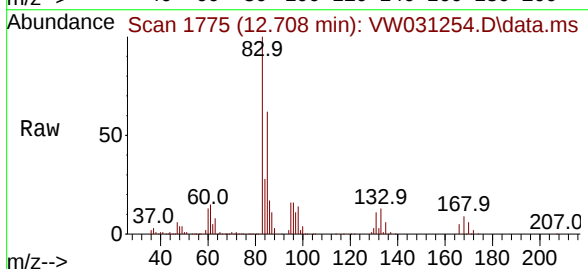
Tgt Ion: 83 Resp: 128785

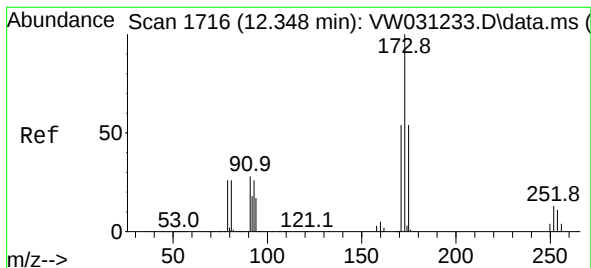
Ion Ratio Lower Upper

83 100

85 62.1 44.1 81.9

131 10.7 7.9 11.9





#59

Bromoform

Concen: 26.399 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031254.D

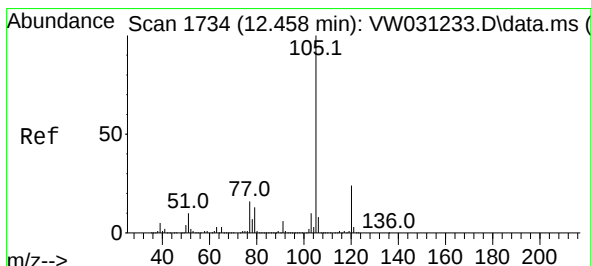
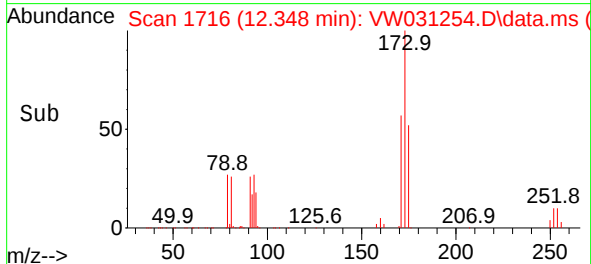
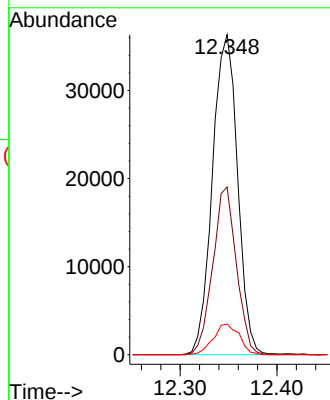
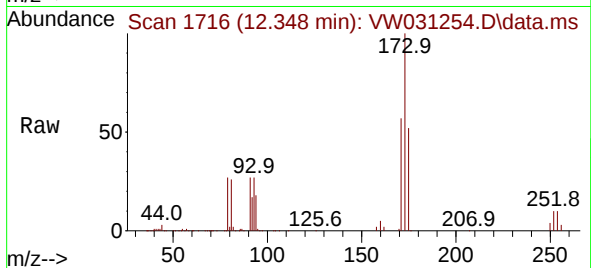
Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	65513
Ion Ratio	Lower	Upper
173	100	
175	49.2	38.6 57.8
254	9.9	7.6 11.4



#60

Isopropylbenzene

Concen: 21.476 ug/L

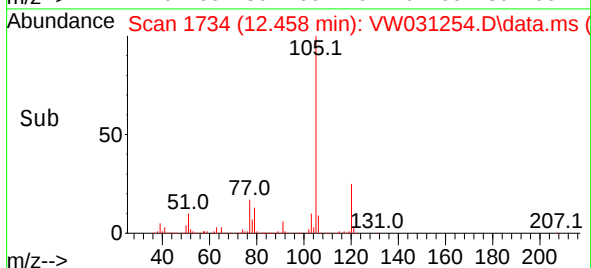
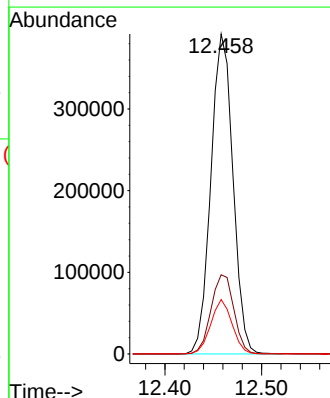
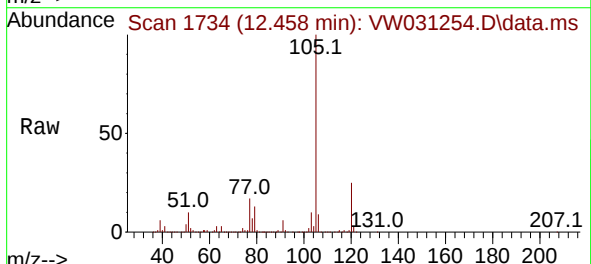
RT: 12.458 min Scan# 1734

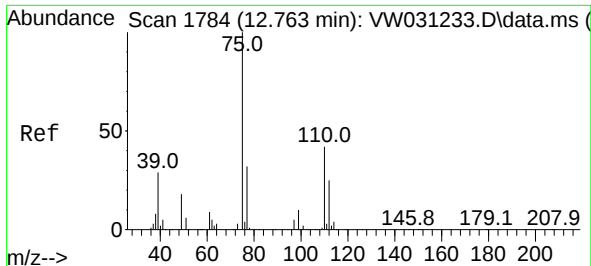
Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Tgt Ion:105	Resp:	620841
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.6 31.0
77	16.3	12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 34.321 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

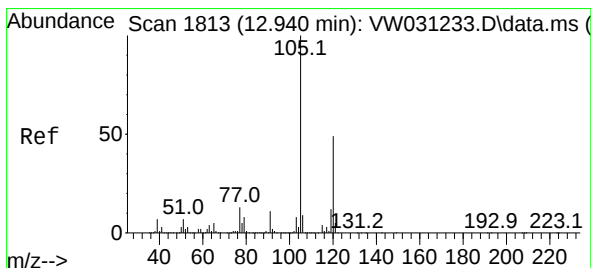
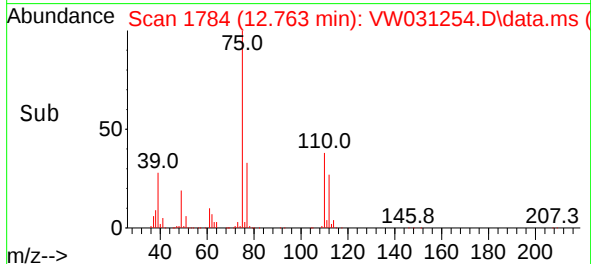
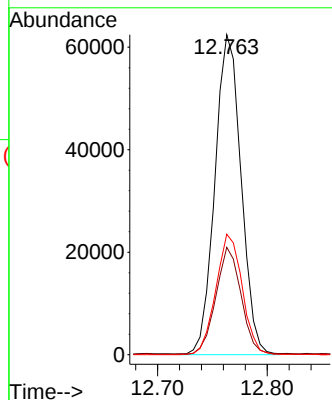
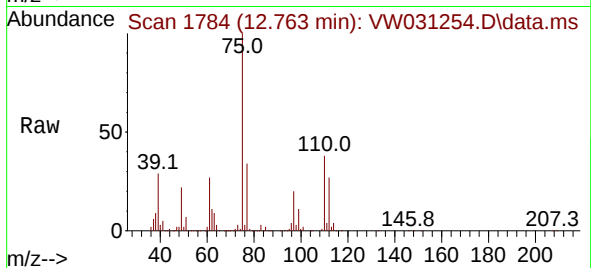
Tgt Ion: 75 Resp: 103745

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

110 37.8 31.2 46.8



#62

1,3,5-Trimethylbenzene

Concen: 18.300 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031254.D

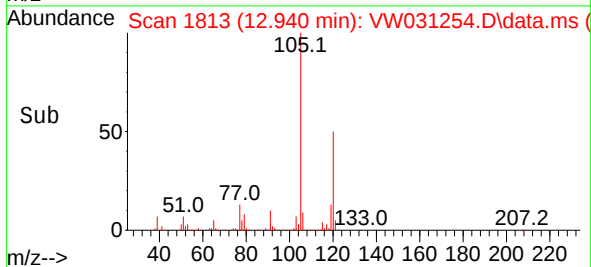
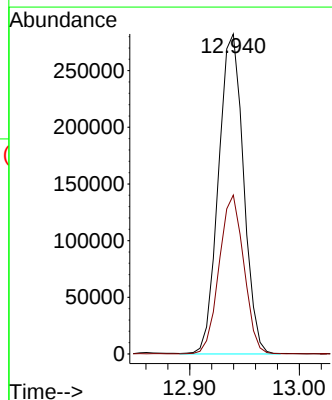
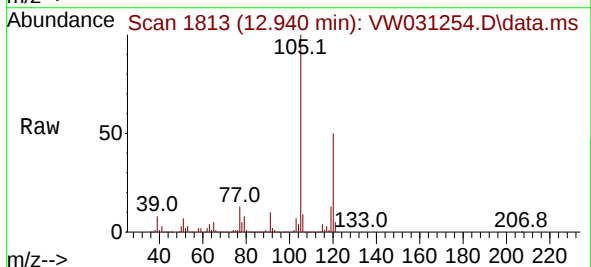
Acq: 13 Dec 2024 22:07

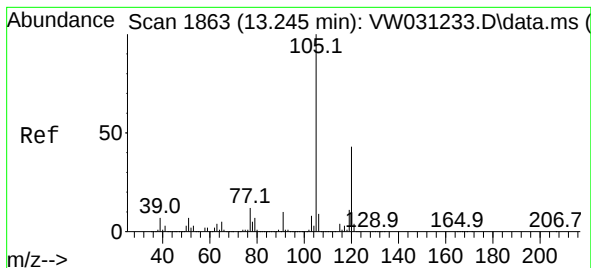
Tgt Ion:105 Resp: 448495

Ion Ratio Lower Upper

105 100

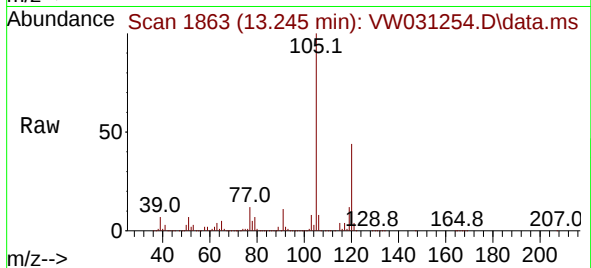
120 48.8 37.3 55.9



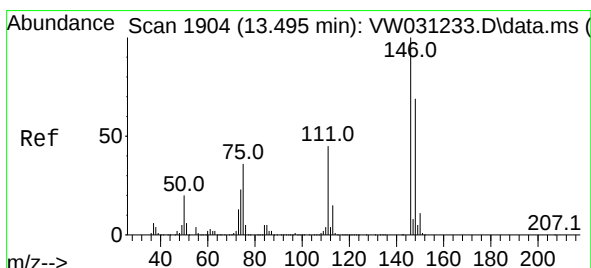
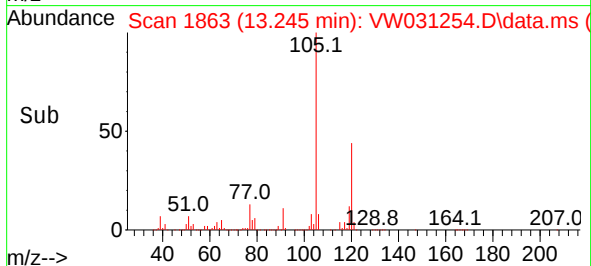
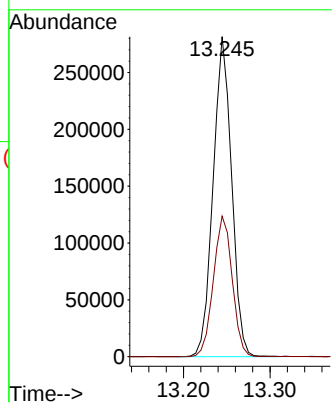


#63
1,2,4-Trimethylbenzene
Concen: 17.629 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :

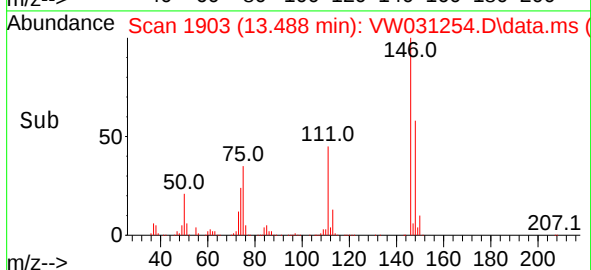
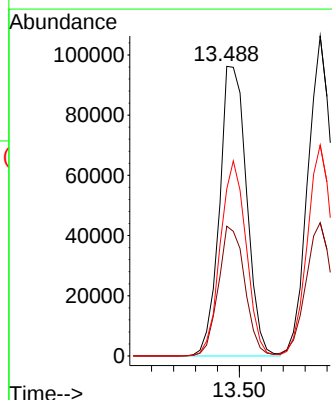
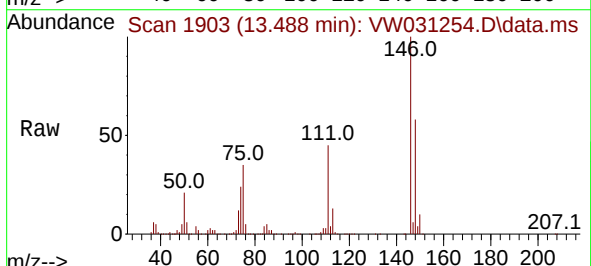


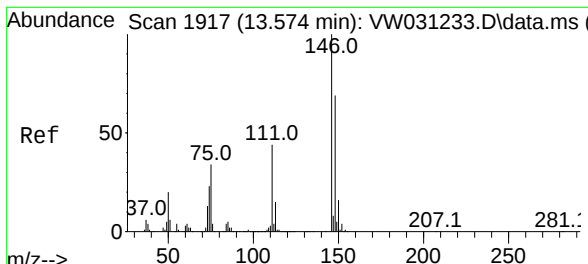
Tgt Ion:105 Resp: 417602
Ion Ratio Lower Upper
105 100
120 44.7 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 14.127 ug/L
RT: 13.488 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion:146 Resp: 165463
Ion Ratio Lower Upper
146 100
111 44.8 27.6 51.2
148 57.7 41.0 76.2



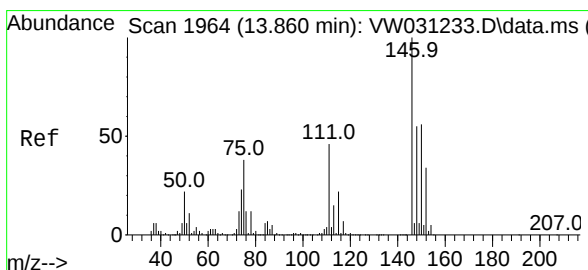
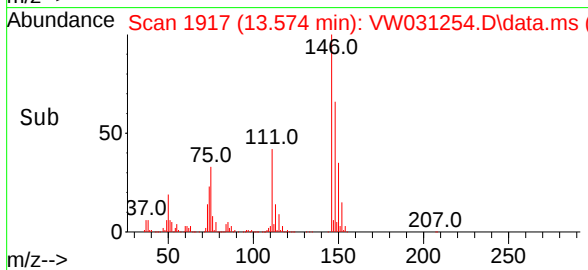
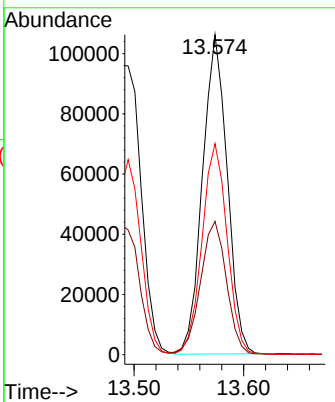
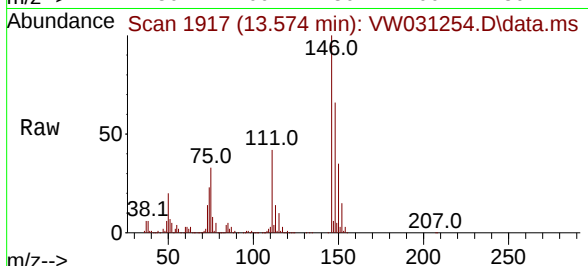


#65
 1,4-Dichlorobenzene
 Concen: 14.308 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 166043

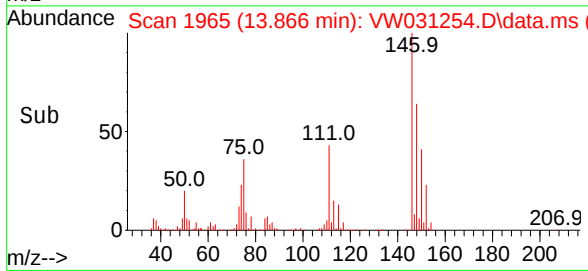
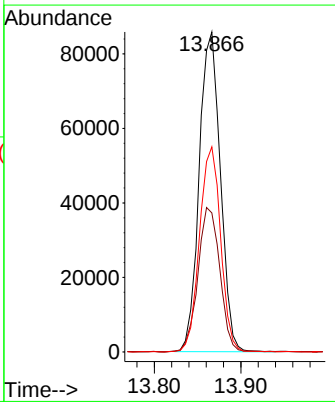
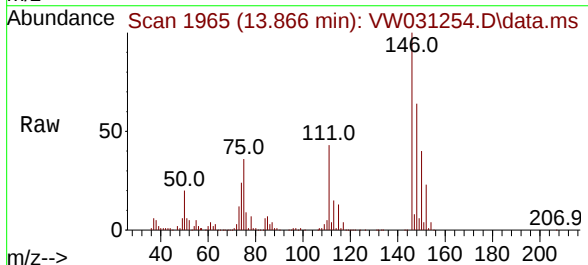
Ion	Ratio	Lower	Upper
146	100		
111	41.7	30.7	56.9
148	66.0	46.5	86.3

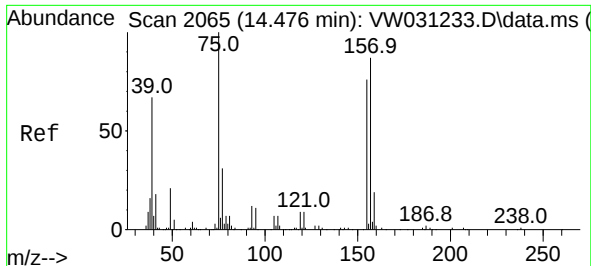


#67
 1,2-Dichlorobenzene
 Concen: 14.440 ug/L
 RT: 13.866 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion:146 Resp: 145725

Ion	Ratio	Lower	Upper
146	100		
111	43.4	38.6	58.0
148	64.1	53.6	80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 28.418 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031254.D

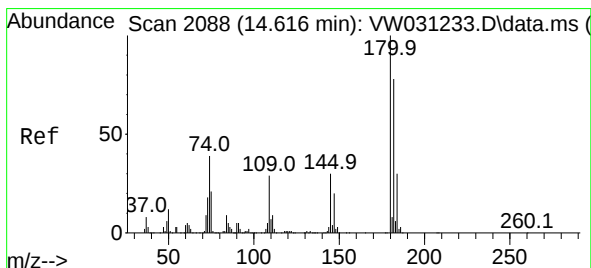
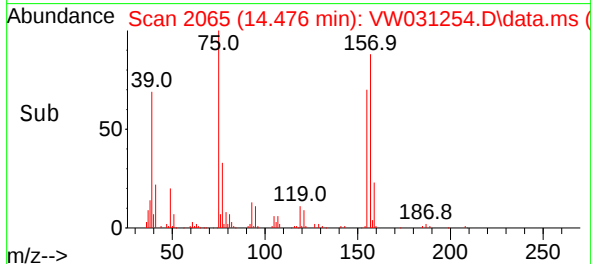
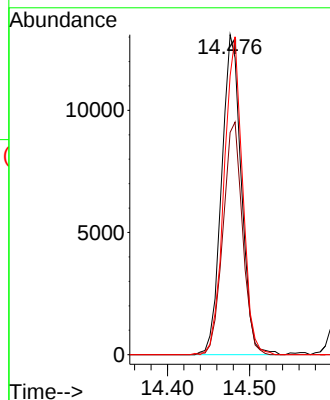
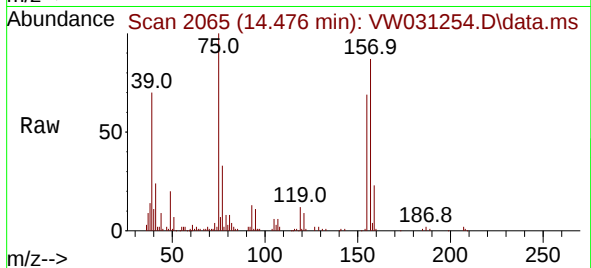
Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 21799
Ion Ratio	Lower Upper
75	100
155	69.5 56.6 85.0
157	87.1 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 8.462 ug/L

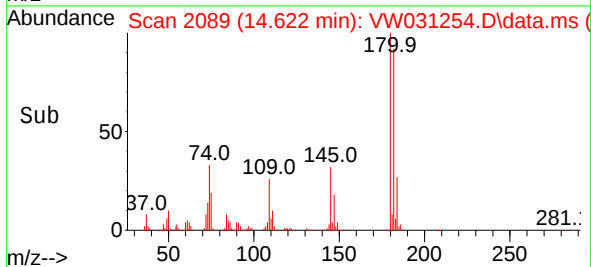
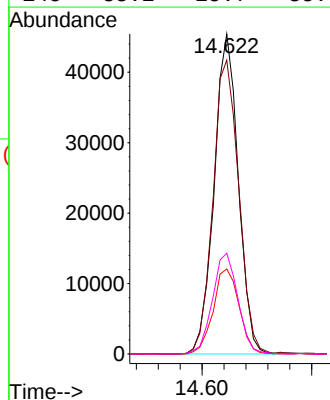
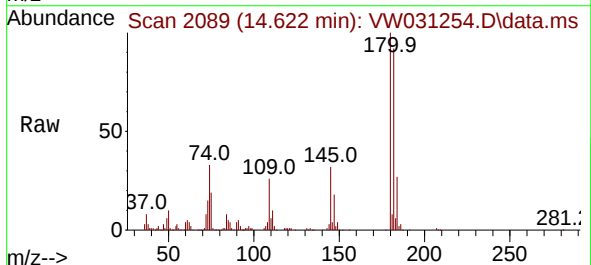
RT: 14.622 min Scan# 2089

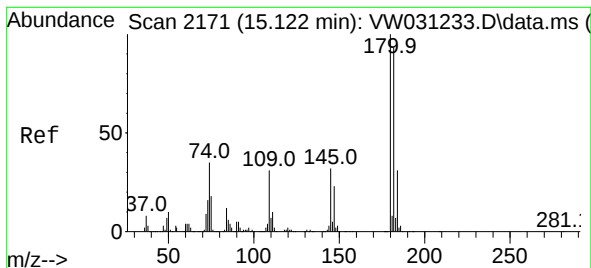
Delta R.T. 0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Tgt Ion: 180	Resp: 69408
Ion Ratio	Lower Upper
180	100
182	97.7 75.0 112.4
184	28.5 24.6 36.8
145	33.2 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 6.731 ug/L

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

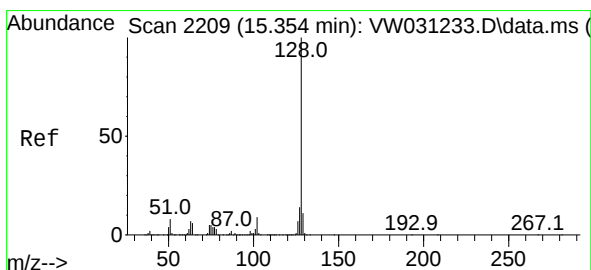
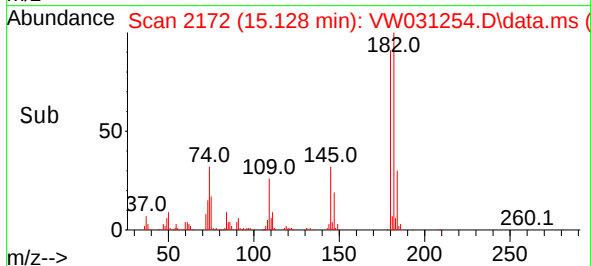
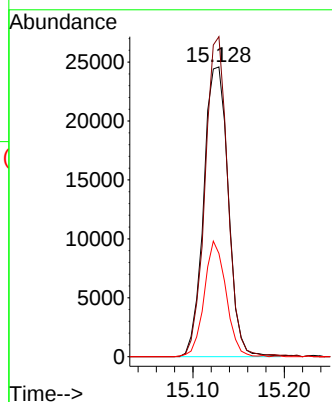
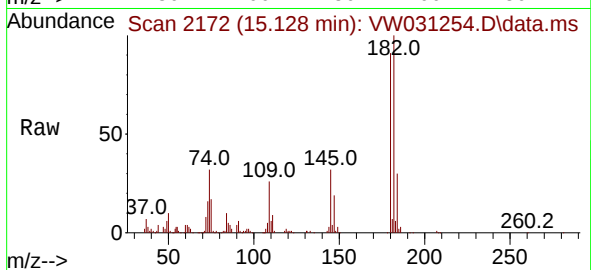
Tgt Ion:180 Resp: 45928

Ion Ratio Lower Upper

180 100

182 101.2 78.2 117.2

145 35.3 26.7 40.1



#71

Naphthalene

Concen: 11.271 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

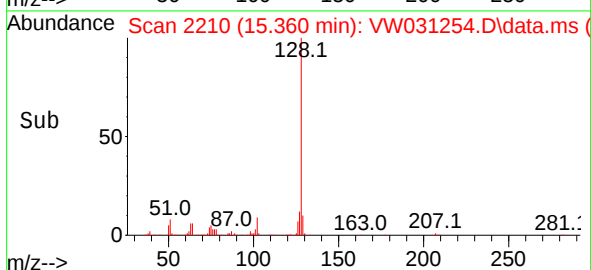
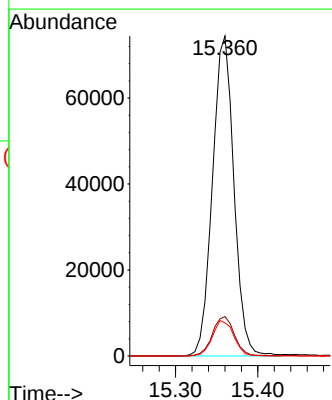
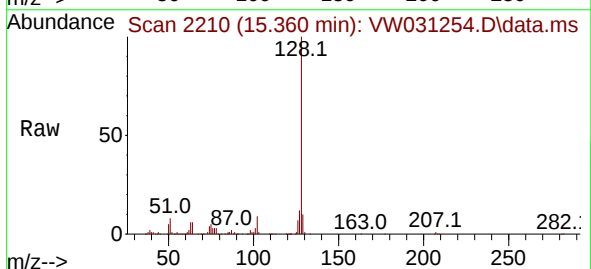
Tgt Ion:128 Resp: 134837

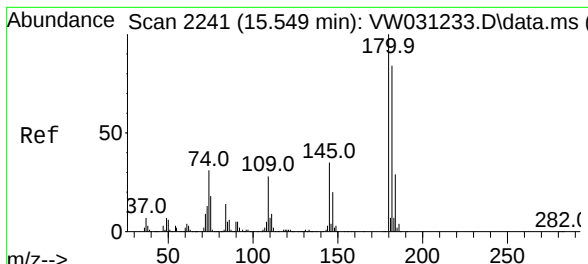
Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

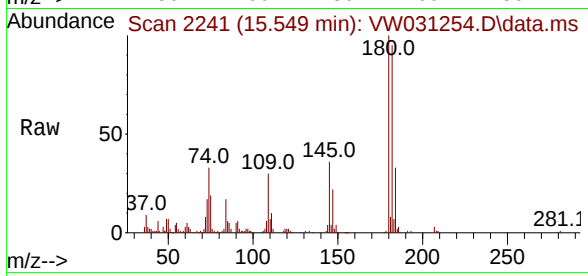
129 11.0 8.6 13.0





#72
1,2,3-Trichlorobenzene
Concen: 6.546 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	180	Resp:	35989
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.0	112.4
145	34.8	27.8	41.6

