

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031226.D
 Acq On : 13 Dec 2024 09:28
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:07:45 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	760150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	634453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297949	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	29236	2.556	ug/L	-0.01
7) Chloroethane-d5	2.893	69	20979	2.494	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	13529	2.494	ug/L	0.00
21) 2-Butanone-d5	7.130	46	10152	4.711	ug/L	0.03
24) Chloroform-d	7.648	84	53069	2.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25871	2.473	ug/L	0.00
32) Benzene-d6	8.276	84	107295	2.639	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30997	2.615	ug/L	0.00
41) Toluene-d8	10.319	98	101297	2.678	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	13406	2.453	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7103	4.457	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17427	2.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	29545	2.671	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	15586	2.269	ug/L	99
3) Chloromethane	2.216	50	20527	2.660	ug/L	94
5) Vinyl chloride	2.363	62	27856	2.604	ug/L	97
6) Bromomethane	2.789	94	17261	2.625	ug/L	100
8) Chloroethane	2.930	64	16778	2.638	ug/L	89
9) Trichlorofluoromethane	3.265	101	29505	2.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	23863	2.591	ug/L #	84
12) 1,1-Dichloroethene	4.033	96	24387	2.617	ug/L	97
13) Acetone	4.179	43	14913	4.794	ug/L #	100
14) Carbon disulfide	4.381	76	79547	2.617	ug/L	100
15) Methyl Acetate	4.551	43	634	0.189	ug/L	92
16) Methylene chloride	4.917	84	26607	2.779	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	25741	2.563	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	41589	2.477	ug/L	96
19) 1,1-Dichloroethane	6.210	63	48413	2.579	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	28379	2.611	ug/L	96
22) 2-Butanone	7.203	43	9480	2.660	ug/L	90
23) Bromochloromethane	7.514	128	11151	2.573	ug/L	95
25) Chloroform	7.673	83	49321	2.662	ug/L	91
27) 1,2-Dichloroethane	8.398	62	28894	2.481	ug/L	100
29) Cyclohexane	7.953	56	47410	2.755	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	45175	2.755	ug/L	99
31) Carbon tetrachloride	8.063	117	39911	2.732	ug/L	95
33) Benzene	8.319	78	108833	2.776	ug/L	100
34) Trichloroethene	9.087	95	30282	2.736	ug/L	92
35) Methylcyclohexane	9.331	83	53530	2.777	ug/L	99
37) 1,2-Dichloropropane	9.367	63	26483	2.708	ug/L	98
38) Bromodichloromethane	9.642	83	33188	2.610	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	43255	2.617	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	27175	5.237	ug/L	97
42) Toluene	10.386	91	117109	2.743	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	34271	2.539	ug/L	85

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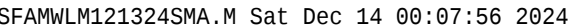
Instrument :
 MSVOA_W
 ClientSampleId :

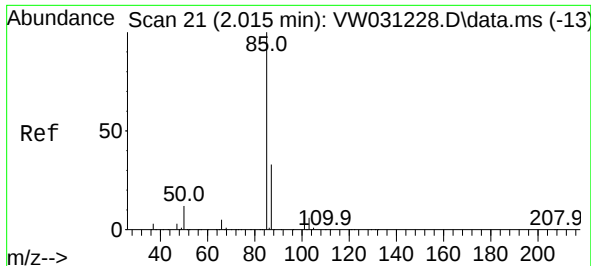
Quant Time: Dec 14 00:07:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	16905	2.599	ug/L	97
46) Tetrachloroethene	10.855	164	22376	2.760	ug/L	93
48) 2-Hexanone	10.971	43	17616	3.991	ug/L	93
49) Dibromochloromethane	11.123	129	19655	2.549	ug/L	83
50) 1,2-Dibromoethane	11.233	107	15329	2.487	ug/L	99
51) Chlorobenzene	11.654	112	71960	2.689	ug/L	98
52) Ethylbenzene	11.727	91	134561	2.720	ug/L	96
53) m,p-Xylene	11.837	106	52029	2.763	ug/L	99
54) o-Xylene	12.160	106	47964	2.702	ug/L	94
55) Styrene	12.178	104	77436	2.623	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	17354	2.474	ug/L	99
59) Bromoform	12.343	173	10357	2.474	ug/L	99
60) Isopropylbenzene	12.458	105	134161	2.752	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	12603	2.472	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	116109	2.809	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	110181	2.758	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	52527	2.659	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	53670	2.742	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	46340	2.723	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	3355	2.593	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	36405	2.631	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	29654	2.577	ug/L	99
71) Naphthalene	15.360	128	48347	2.396	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23969	2.585	ug/L	98

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

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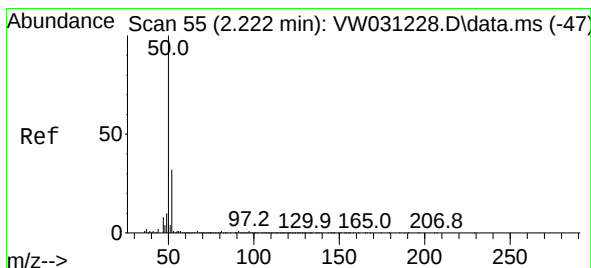
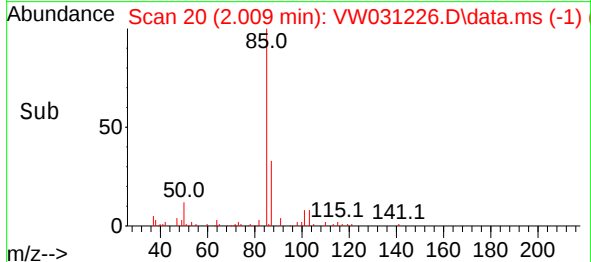
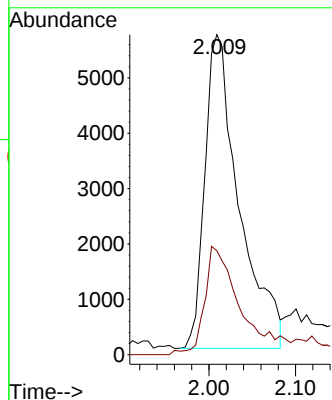
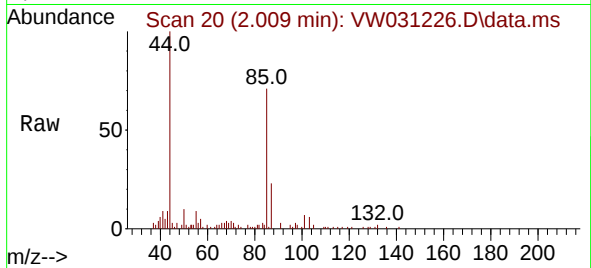




#2
Dichlorodifluoromethane
Concen: 2.269 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

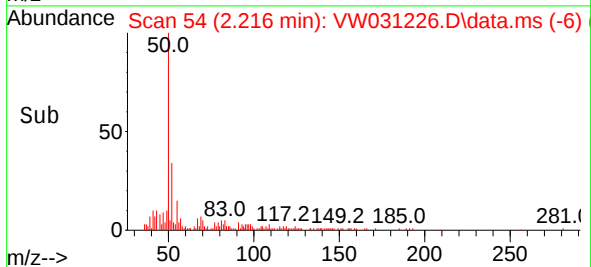
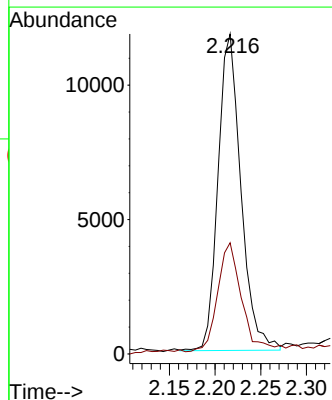
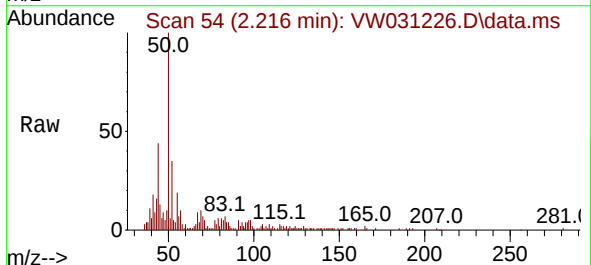
Instrument :
MSVOA_W
ClientSampleId :

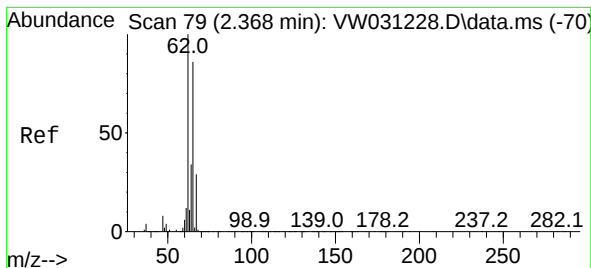
Tgt Ion: 85 Resp: 15586
Ion Ratio Lower Upper
85 100
87 31.4 24.9 37.3



#3
Chloromethane
Concen: 2.660 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 50 Resp: 20527
Ion Ratio Lower Upper
50 100
52 34.8 22.0 41.0





#5

Vinyl chloride

Concen: 2.604 ug/L

RT: 2.363 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

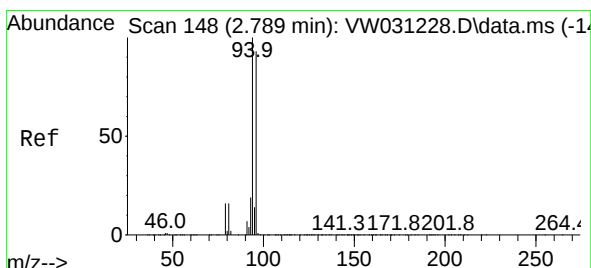
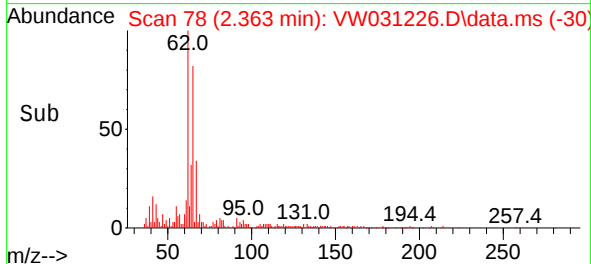
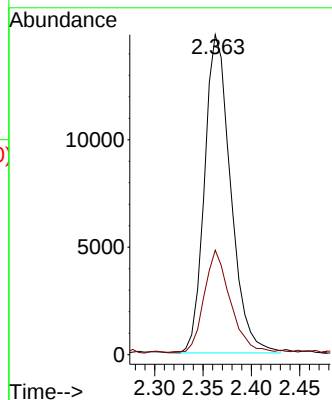
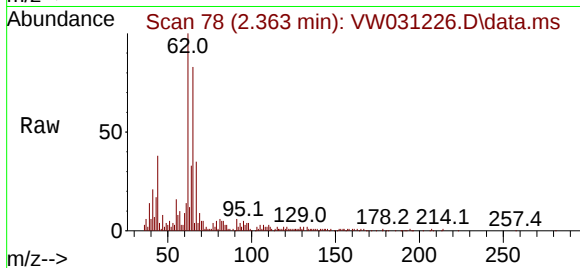
ClientSampleId :

Tgt Ion: 62 Resp: 27856

Ion Ratio Lower Upper

62 100

64 32.6 24.1 44.8



#6

Bromomethane

Concen: 2.625 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031226.D

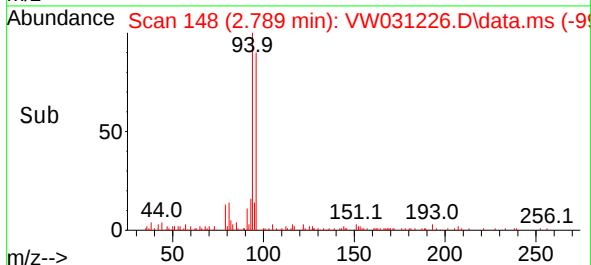
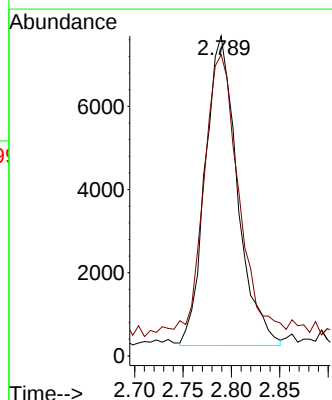
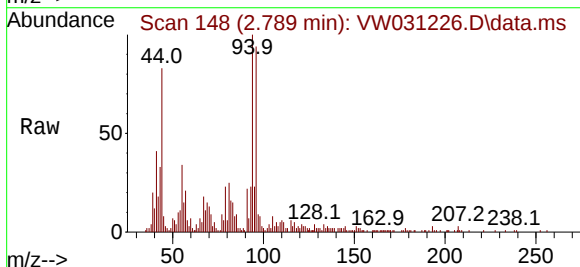
Acq: 13 Dec 2024 09:28

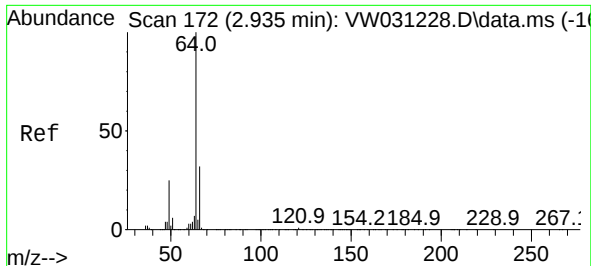
Tgt Ion: 94 Resp: 17261

Ion Ratio Lower Upper

94 100

96 94.2 65.6 121.8

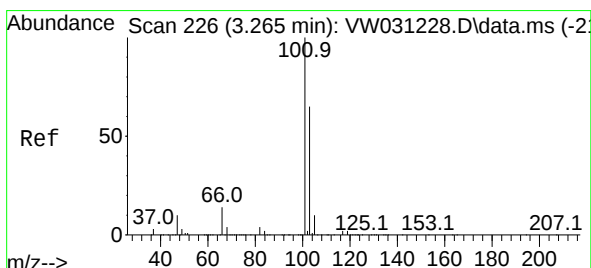
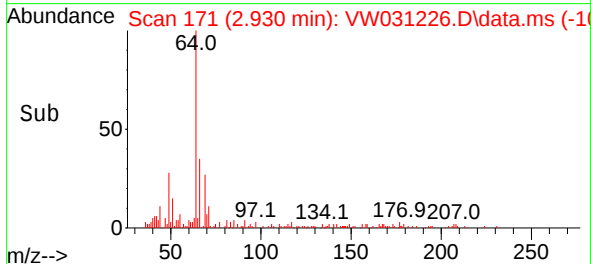
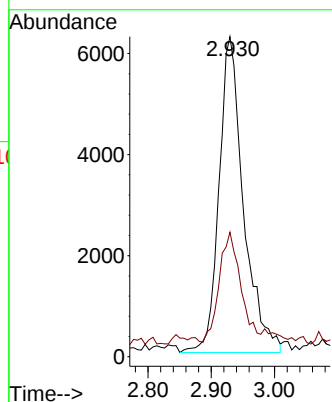
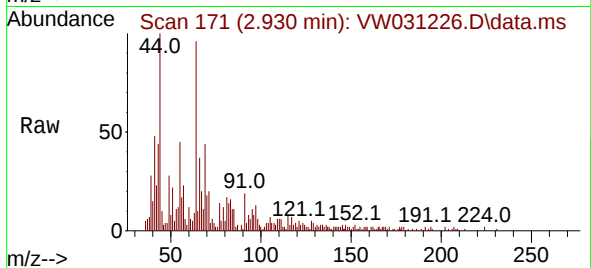




#8
Chloroethane
Concen: 2.638 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

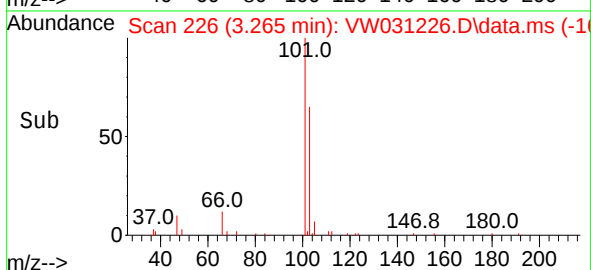
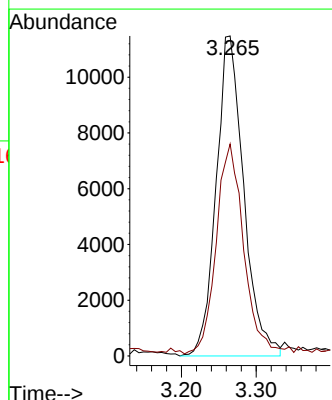
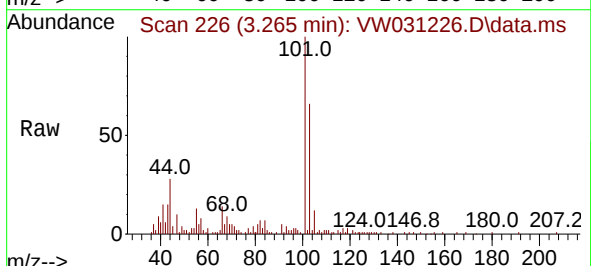
Instrument :
MSVOA_W
ClientSampleId :

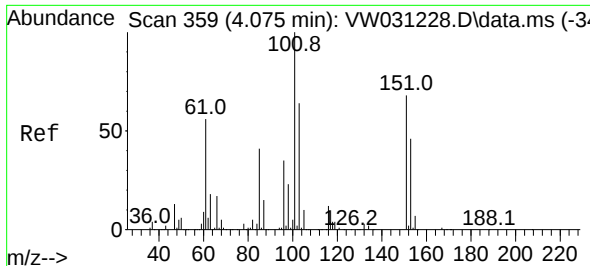
Tgt Ion: 64 Resp: 16778
Ion Ratio Lower Upper
64 100
66 38.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 2.589 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion:101 Resp: 29505
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4





#10

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

Concen: 2.591 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

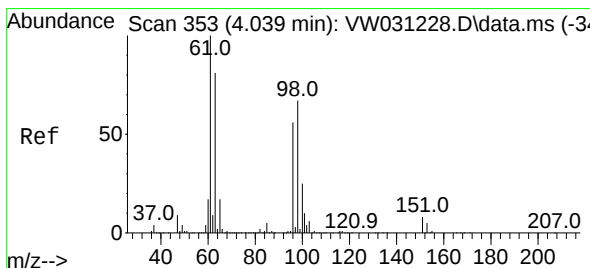
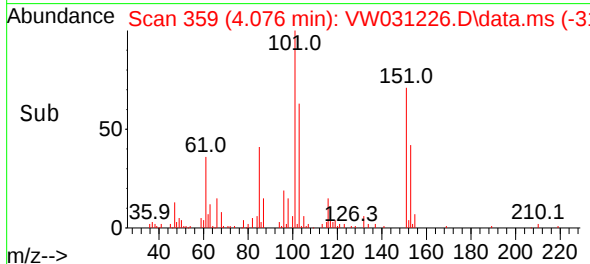
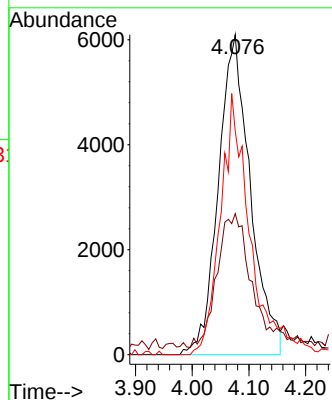
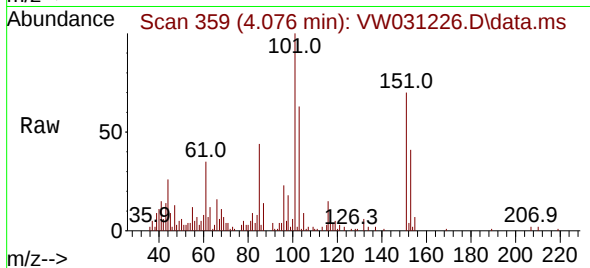
Tgt Ion:101 Resp: 23863

Ion Ratio Lower Upper

101 100

85 19.7 33.0 49.4#

151 71.9 54.8 82.2



#12

1,1-Dichloroethene

Concen: 2.617 ug/L

RT: 4.033 min Scan# 352

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

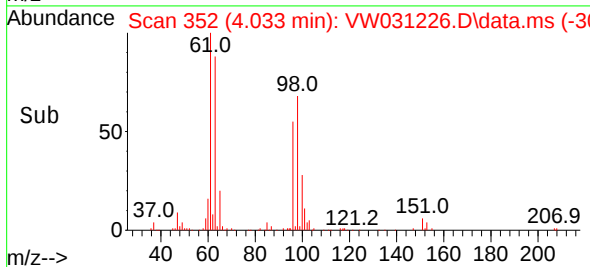
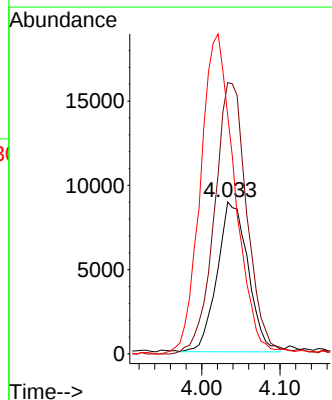
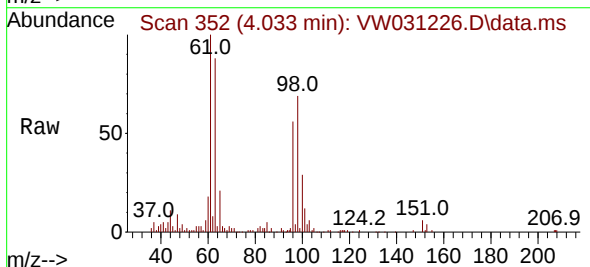
Tgt Ion: 96 Resp: 24387

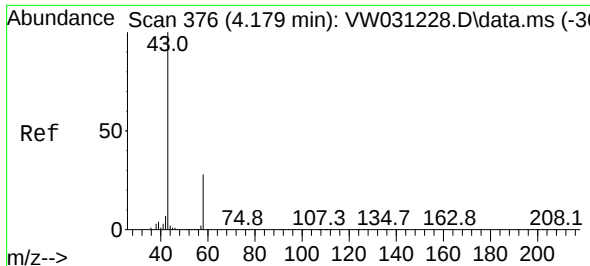
Ion Ratio Lower Upper

96 100

61 178.6 125.3 232.7

63 156.8 104.6 194.2

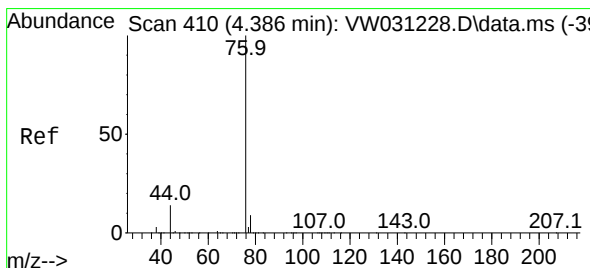
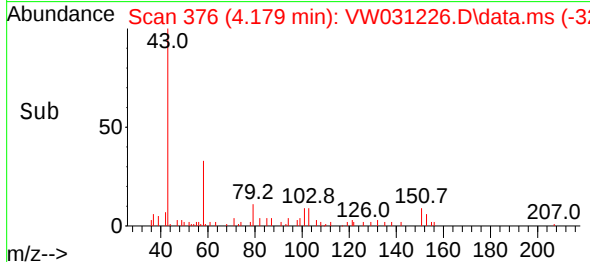
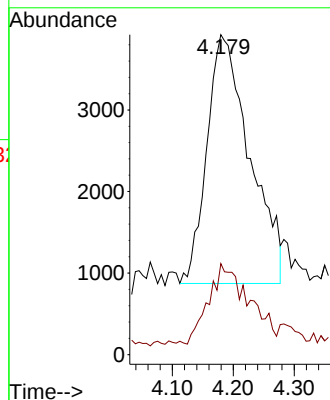
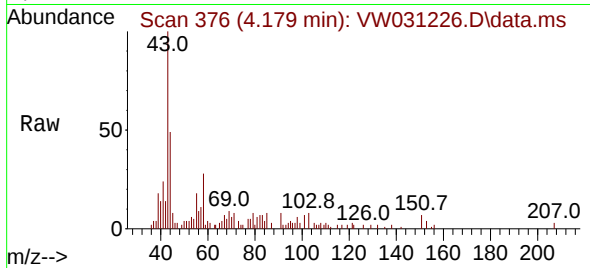




#13
Acetone
Concen: 4.794 ug/L
RT: 4.179 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

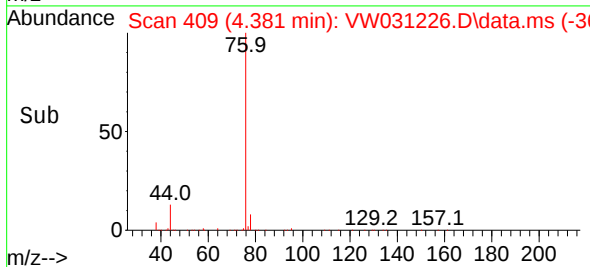
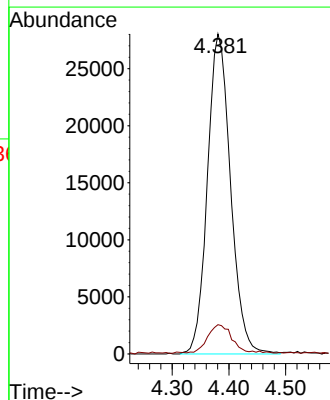
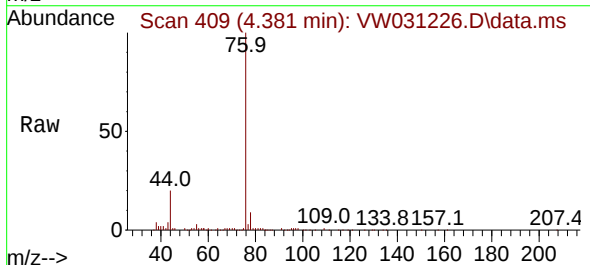
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ClientSampleId :

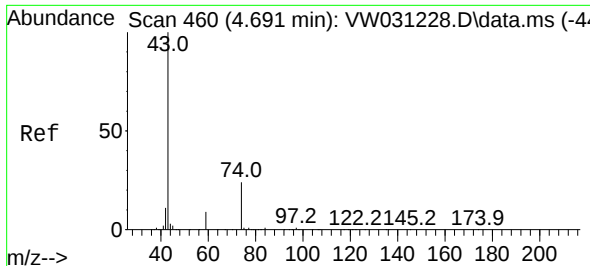
Tgt Ion: 43 Resp: 14913
Ion Ratio Lower Upper
43 100
58 15.0 0.0 0.0#



#14
Carbon disulfide
Concen: 2.617 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 76 Resp: 79547
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

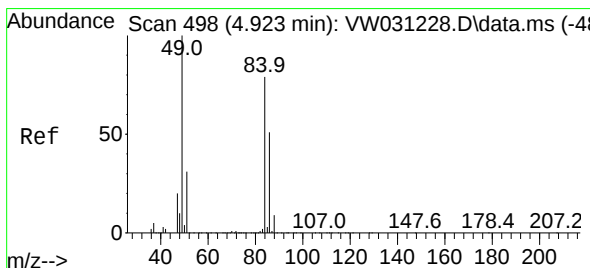
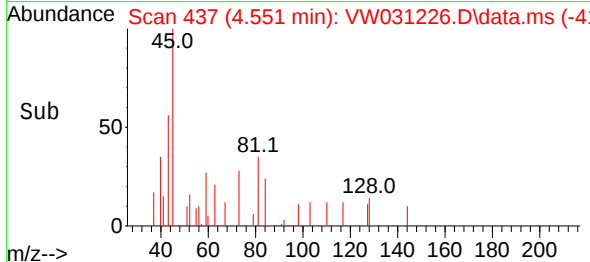
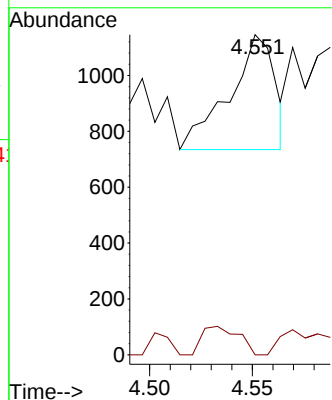
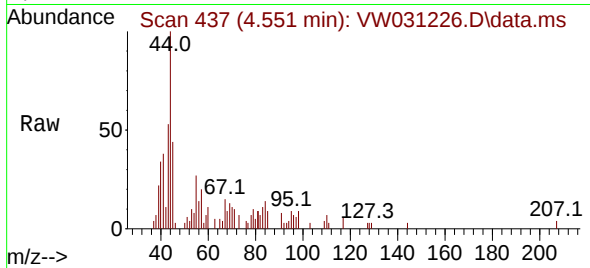




#15
Methyl Acetate
Concen: 0.189 ug/L
RT: 4.551 min Scan# 41
Delta R.T. -0.140 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

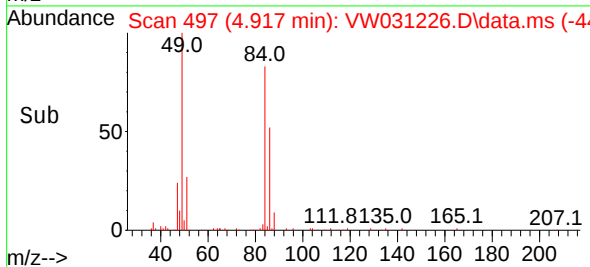
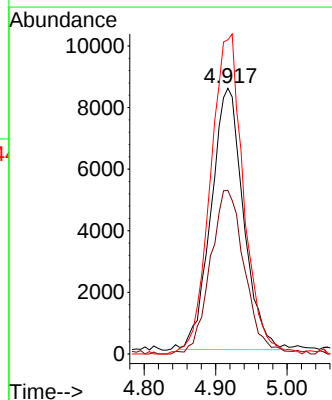
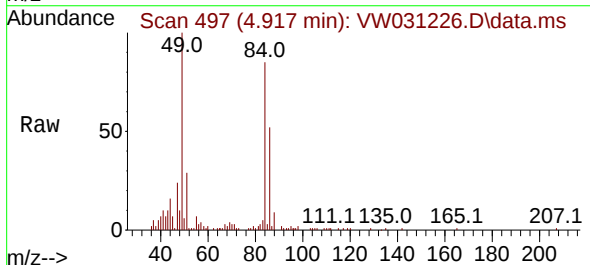
Instrument :
MSVOA_W
ClientSampleId :

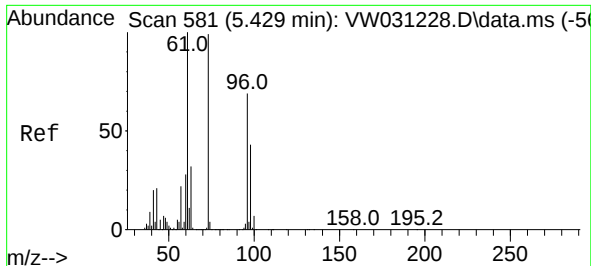
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
74 19.9 18.9 28.3



#16
Methylene chloride
Concen: 2.779 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 84 Resp: 26607
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 118.2 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 2.563 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

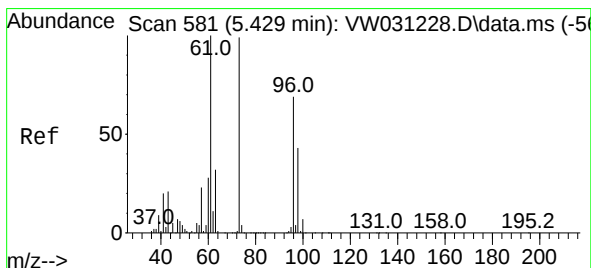
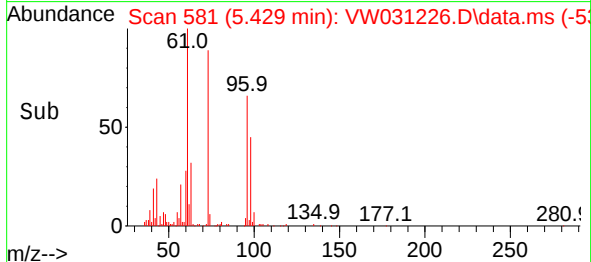
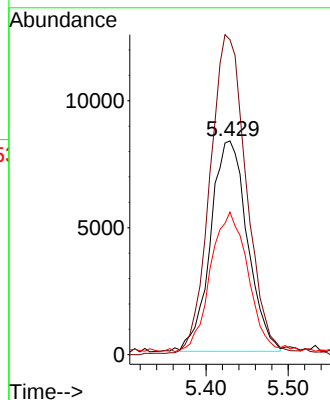
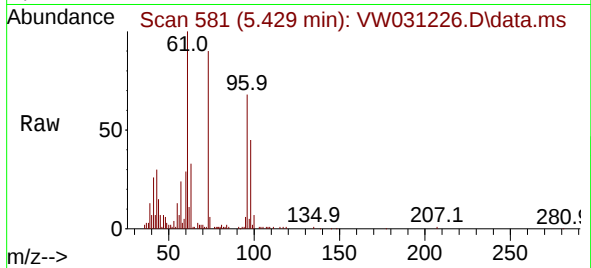
Tgt Ion: 96 Resp: 25741

Ion Ratio Lower Upper

96 100

61 147.4 100.7 187.1

98 66.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 2.477 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

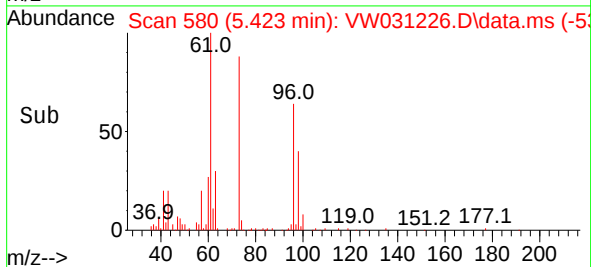
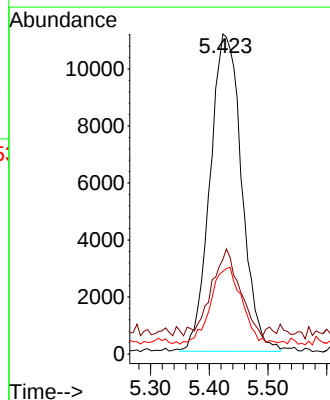
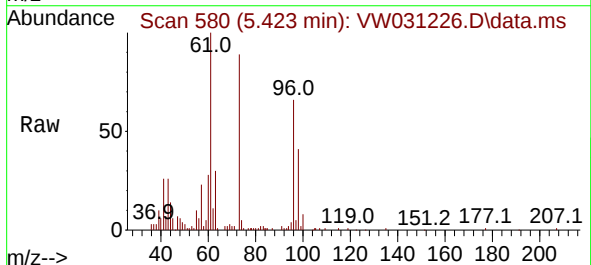
Tgt Ion: 73 Resp: 41589

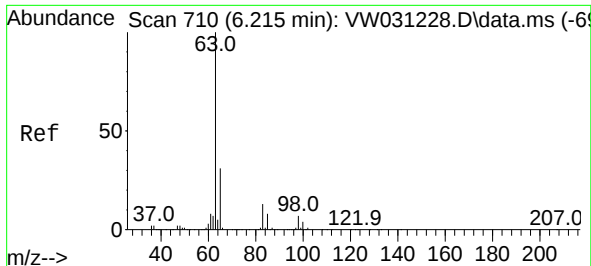
Ion Ratio Lower Upper

73 100

43 24.4 17.9 26.9

57 23.9 17.9 26.9

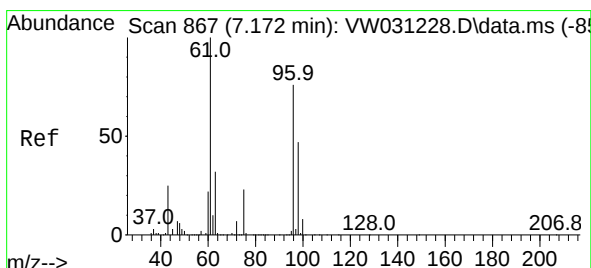
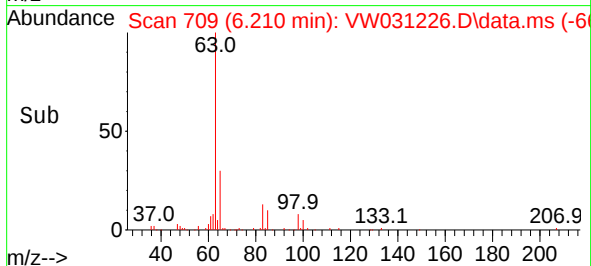
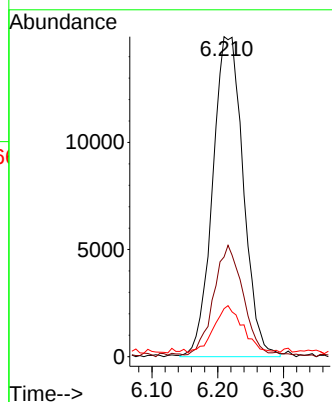
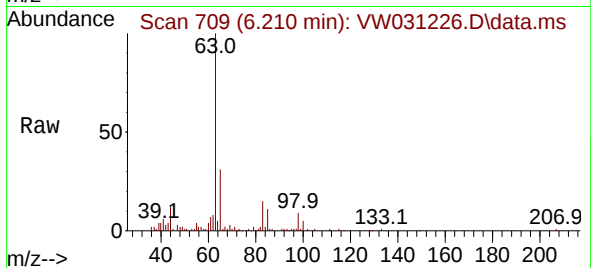




#19
1,1-Dichloroethane
Concen: 2.579 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

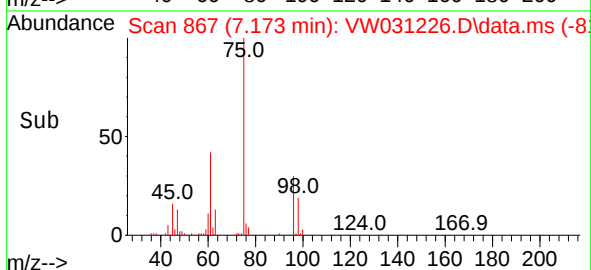
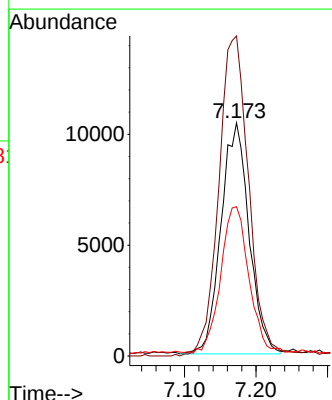
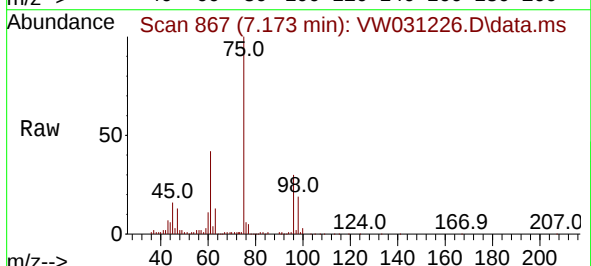
Instrument :
MSVOA_W
ClientSampleId :

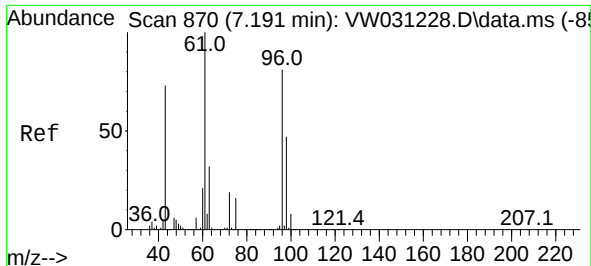
Tgt Ion: 63 Resp: 48413
Ion Ratio Lower Upper
63 100
65 31.1 21.9 40.7
83 15.0 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 2.611 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 96 Resp: 28379
Ion Ratio Lower Upper
96 100
61 137.3 92.2 171.2
98 64.0 43.7 81.1





#22

2-Butanone

Concen: 2.660 ug/L

RT: 7.203 min Scan# 870

Delta R.T. 0.013 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

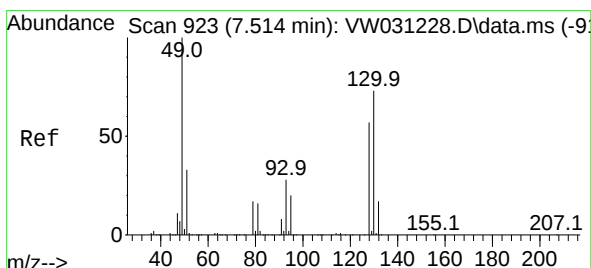
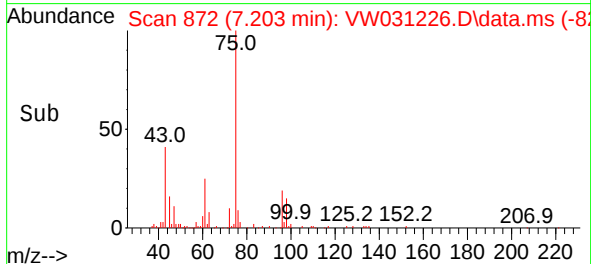
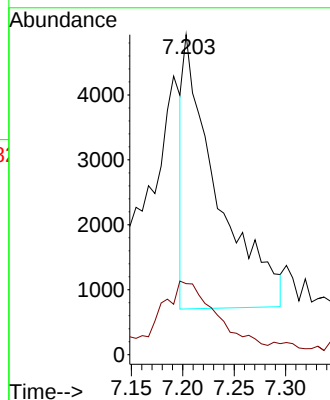
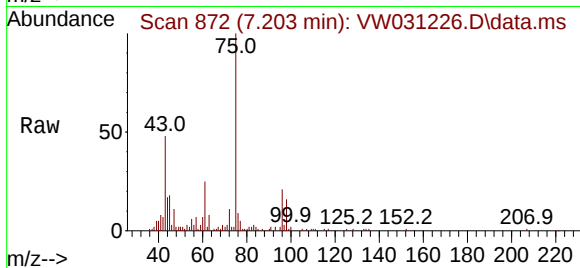
ClientSampleId :

Tgt Ion: 43 Resp: 9480

Ion Ratio Lower Upper

43 100

72 31.8 13.3 39.8



#23

Bromochloromethane

Concen: 2.573 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Tgt Ion: 128 Resp: 11151

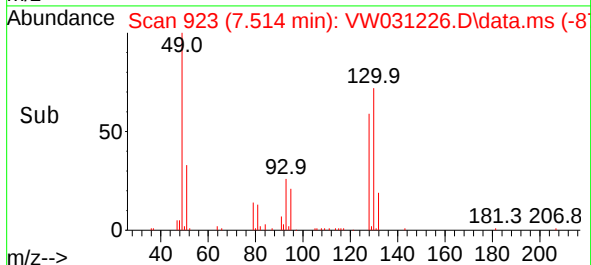
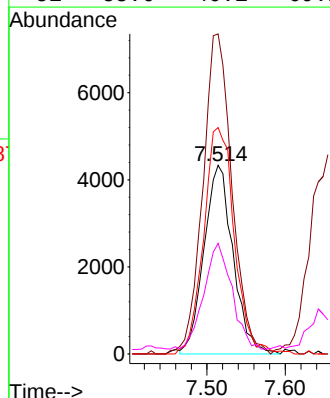
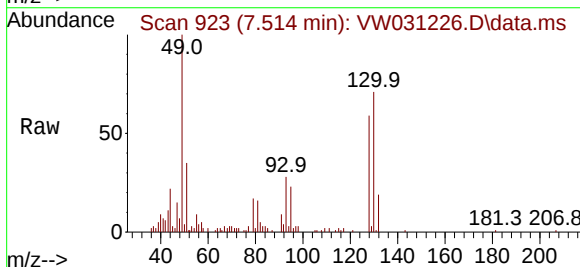
Ion Ratio Lower Upper

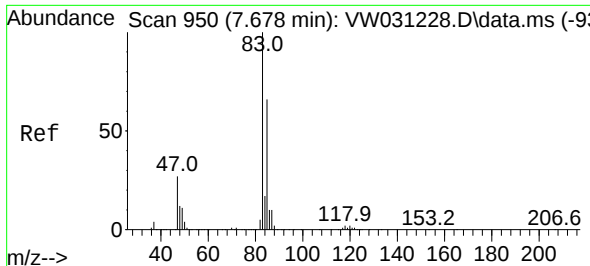
128 100

49 169.7 123.7 229.7

130 120.0 90.3 167.7

51 58.6 46.1 69.1





#25

Chloroform

Concen: 2.662 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

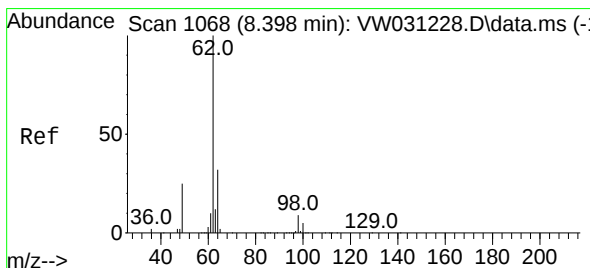
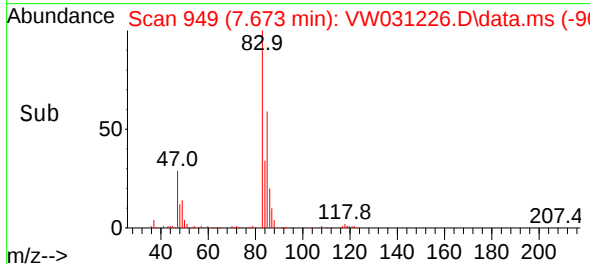
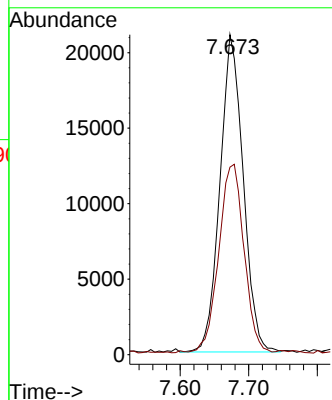
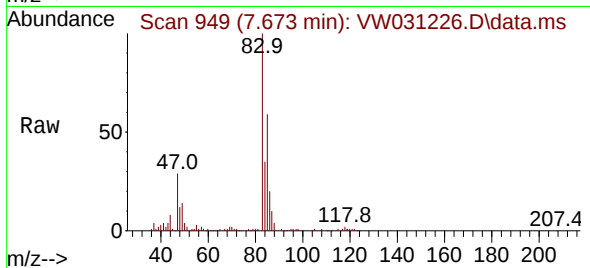
ClientSampleId :

Tgt Ion: 83 Resp: 49321

Ion Ratio Lower Upper

83 100

85 58.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 2.481 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031226.D

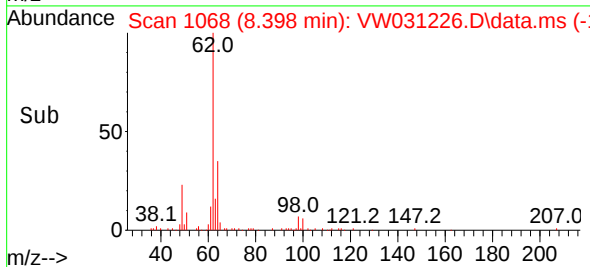
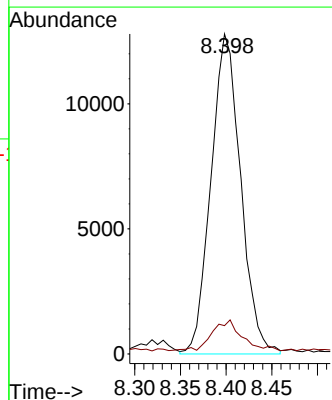
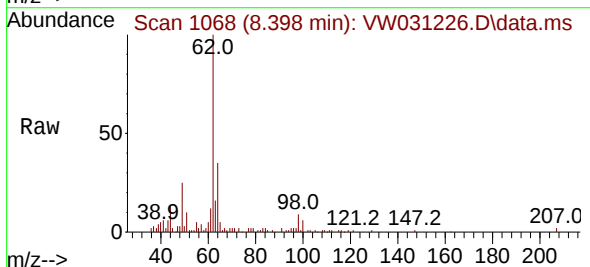
Acq: 13 Dec 2024 09:28

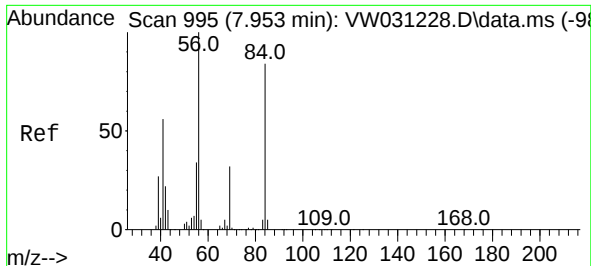
Tgt Ion: 62 Resp: 28894

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 2.755 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

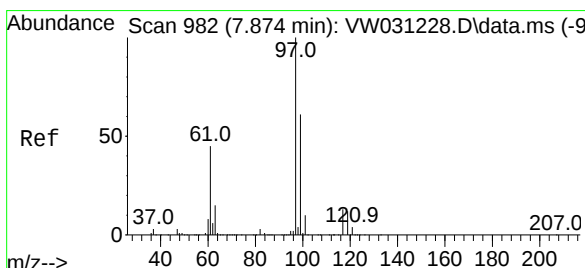
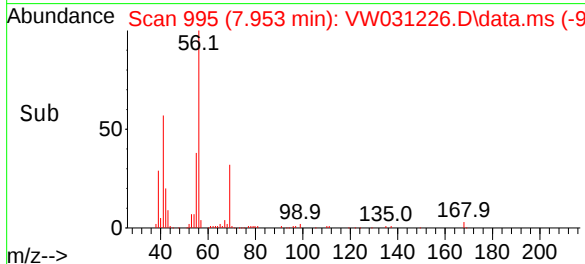
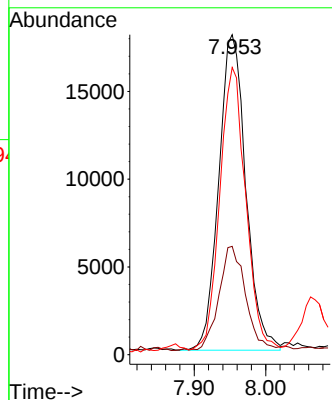
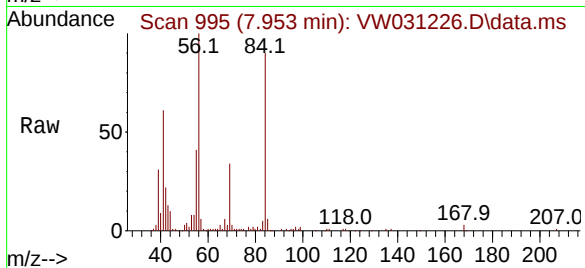
Tgt Ion: 56 Resp: 47410

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.4

84 87.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 2.755 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

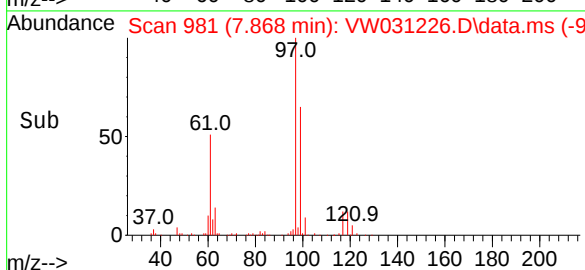
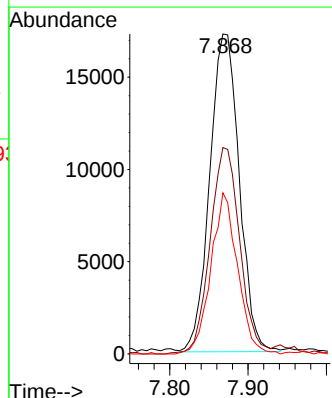
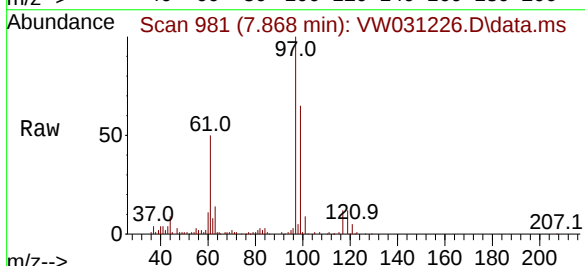
Tgt Ion: 97 Resp: 45175

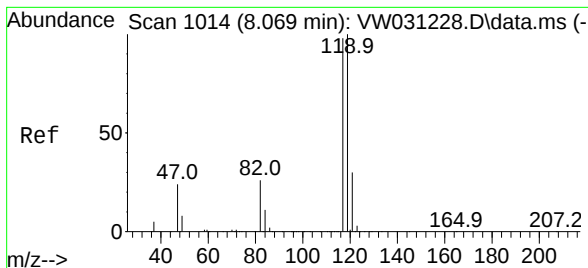
Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 45.7 36.3 54.5





#31

Carbon tetrachloride

Concen: 2.732 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

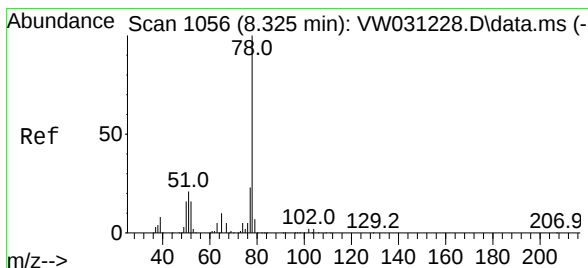
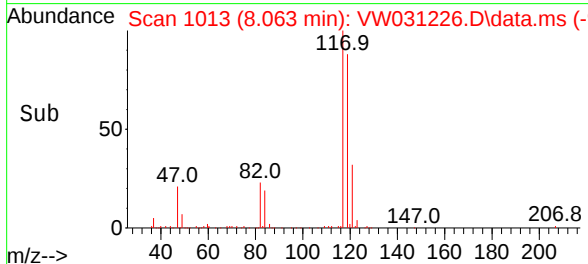
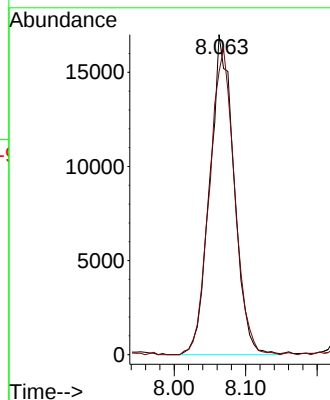
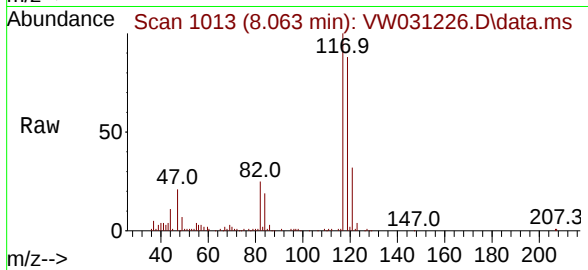
ClientSampleId :

Tgt Ion:117 Resp: 39911

Ion Ratio Lower Upper

117 100

119 99.5 76.0 114.0



#33

Benzene

Concen: 2.776 ug/L

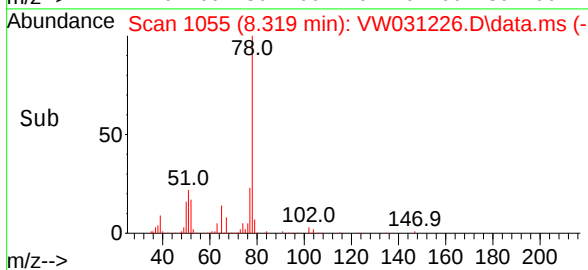
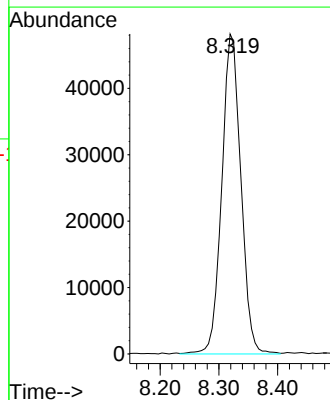
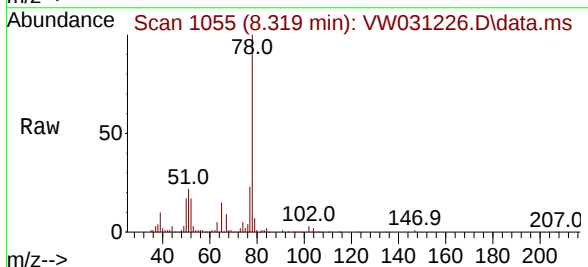
RT: 8.319 min Scan# 1055

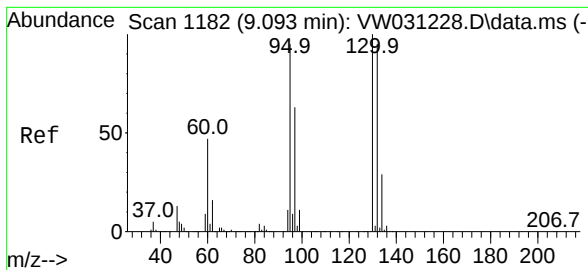
Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Tgt Ion: 78 Resp: 108833





#34

Trichloroethene

Concen: 2.736 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

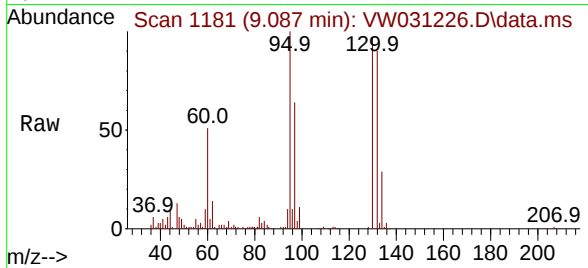
Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 30282

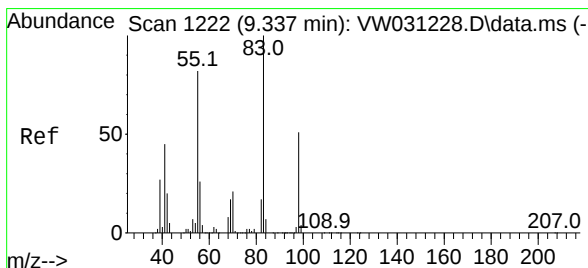
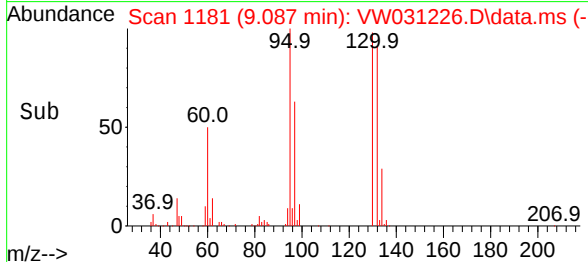
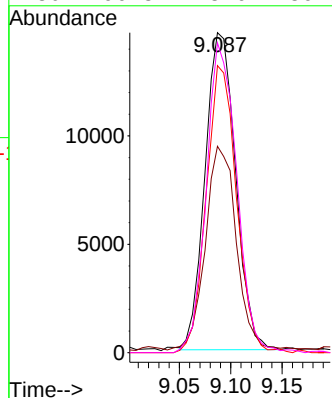
Ion Ratio Lower Upper

95 100

97 64.5 46.5 86.3

132 89.7 70.3 130.5

130 96.8 73.6 136.8



#35

Methylcyclohexane

Concen: 2.777 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

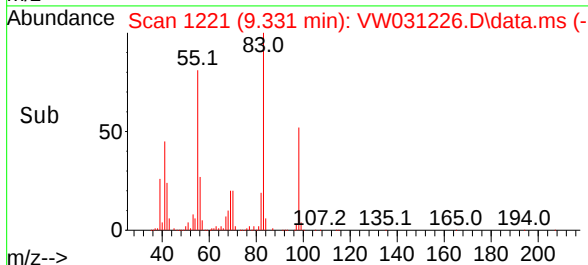
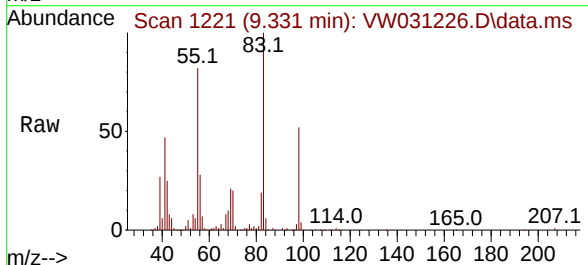
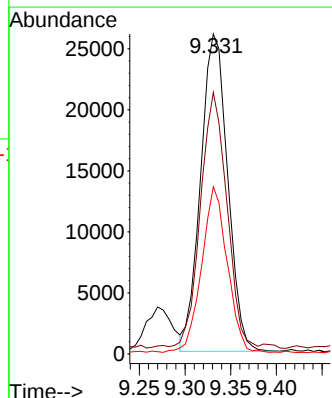
Tgt Ion: 83 Resp: 53530

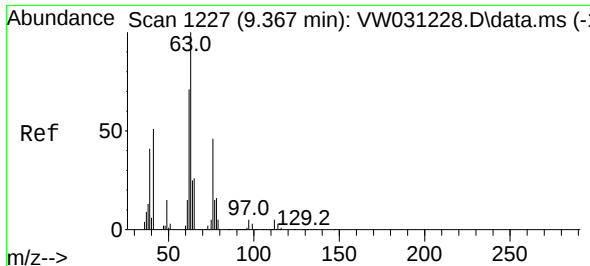
Ion Ratio Lower Upper

83 100

55 78.5 62.6 93.8

98 49.0 39.8 59.6





#37

1,2-Dichloropropane

Concen: 2.708 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

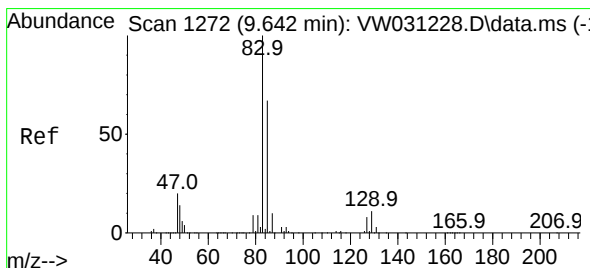
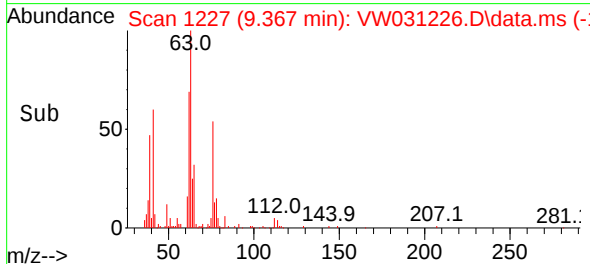
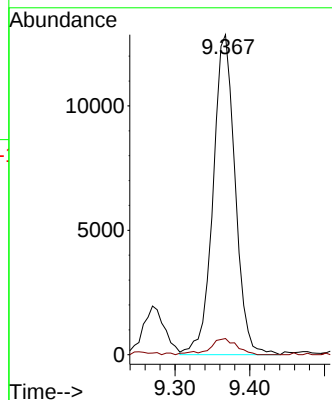
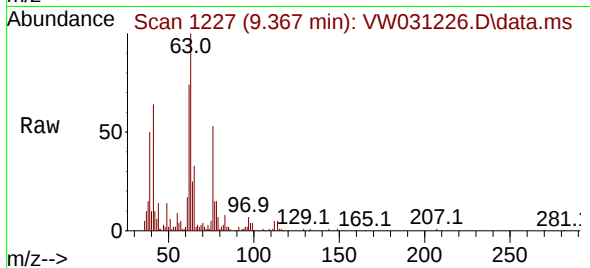
ClientSampleId :

Tgt Ion: 63 Resp: 26483

Ion Ratio Lower Upper

63 100

112 5.5 3.8 5.8



#38

Bromodichloromethane

Concen: 2.610 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

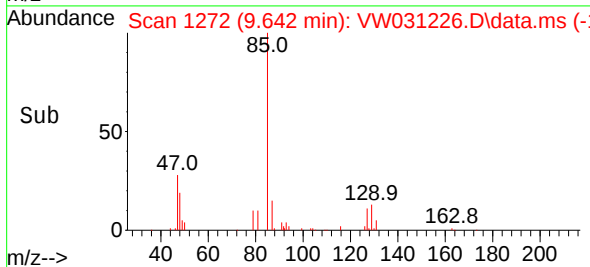
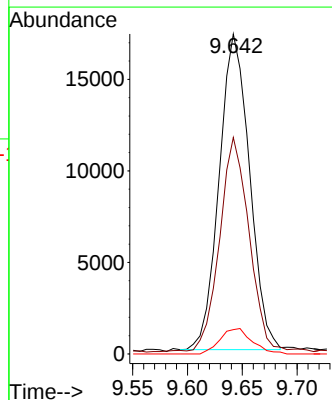
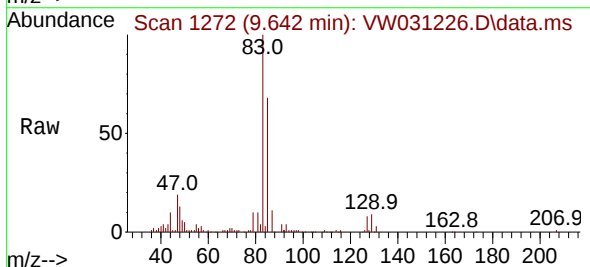
Tgt Ion: 83 Resp: 33188

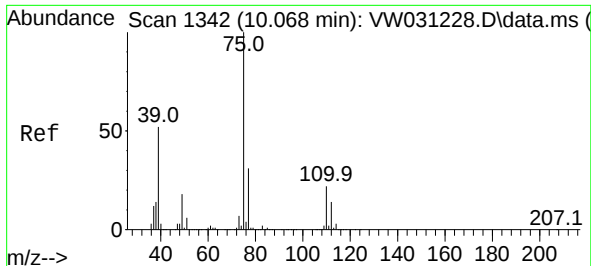
Ion Ratio Lower Upper

83 100

85 67.7 46.5 86.5

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 2.617 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

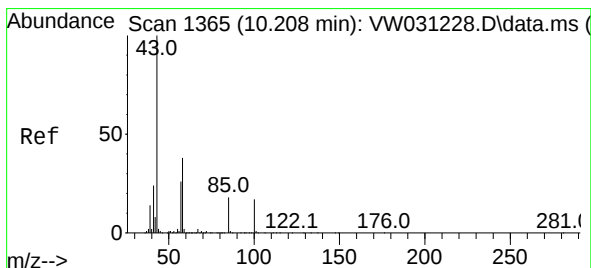
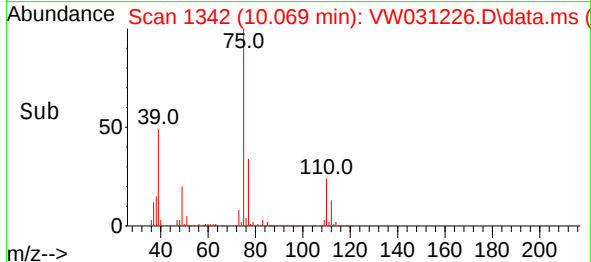
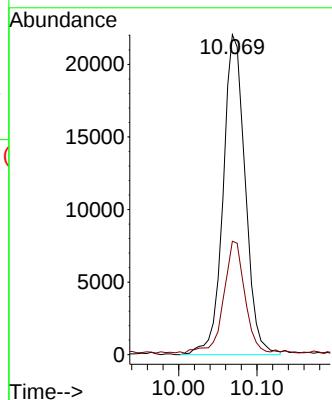
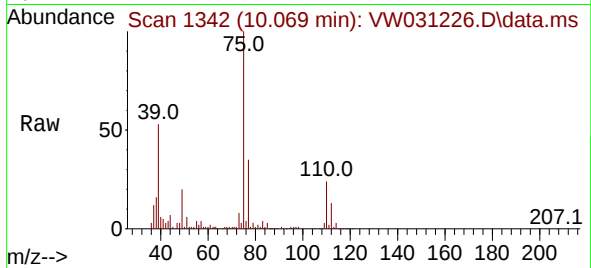
ClientSampleId :

Tgt Ion: 75 Resp: 43255

Ion Ratio Lower Upper

75 100

77 35.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 5.237 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

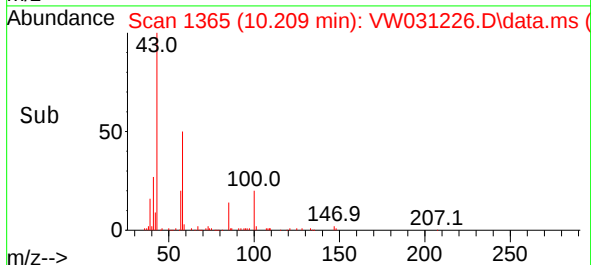
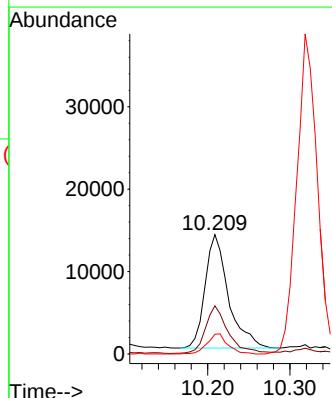
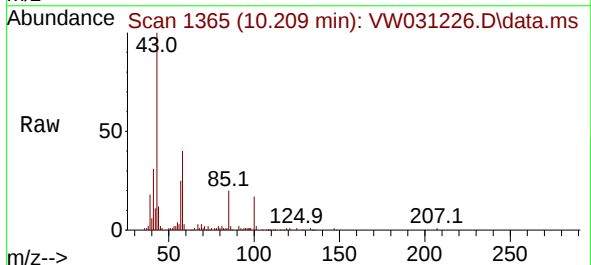
Tgt Ion: 43 Resp: 27175

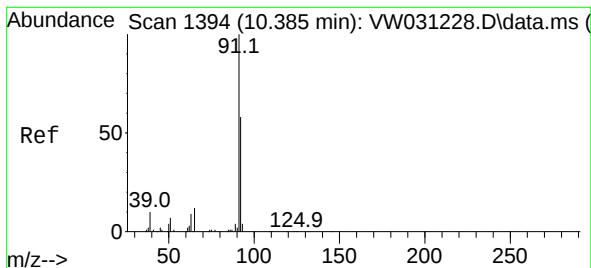
Ion Ratio Lower Upper

43 100

58 40.8 31.1 46.7

100 15.6 13.0 19.6





#42

Toluene

Concen: 2.743 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

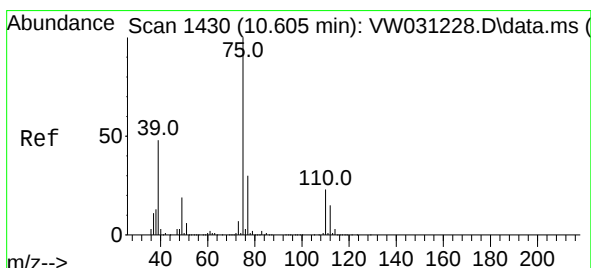
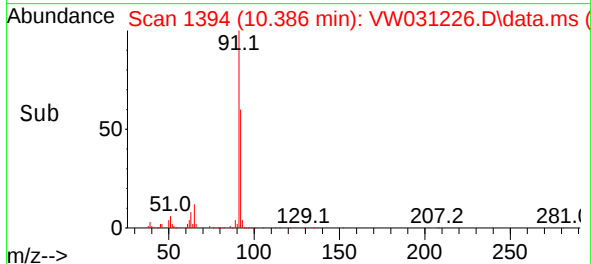
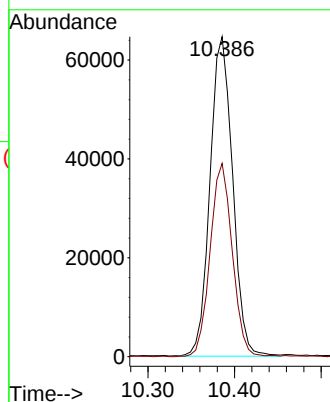
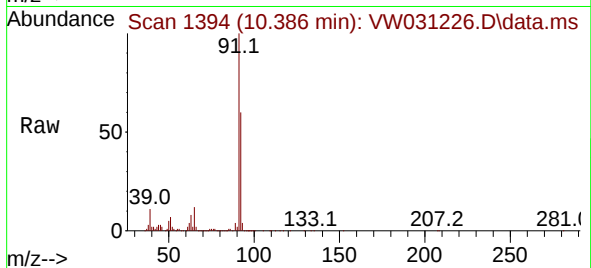
ClientSampleId :

Tgt Ion: 91 Resp: 117109

Ion Ratio Lower Upper

91 100

92 60.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 2.539 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031226.D

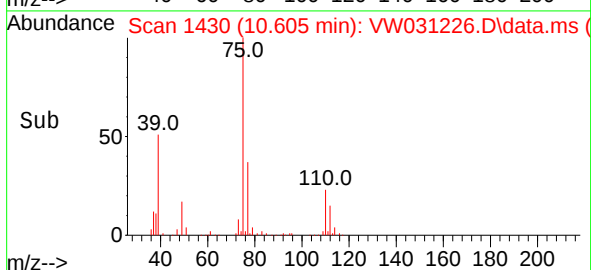
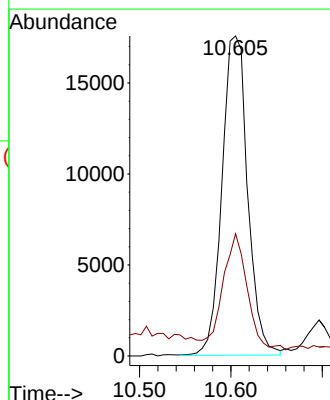
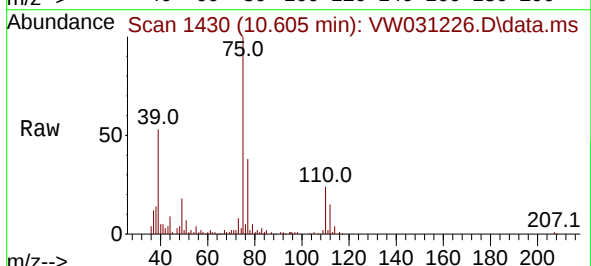
Acq: 13 Dec 2024 09:28

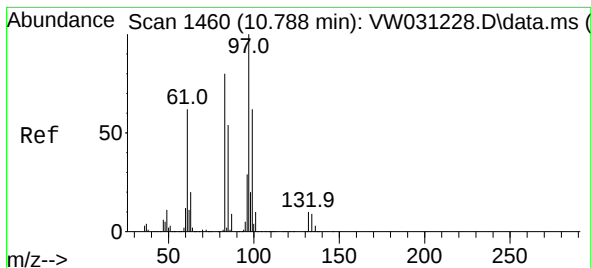
Tgt Ion: 75 Resp: 34271

Ion Ratio Lower Upper

75 100

77 38.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 2.599 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 16905

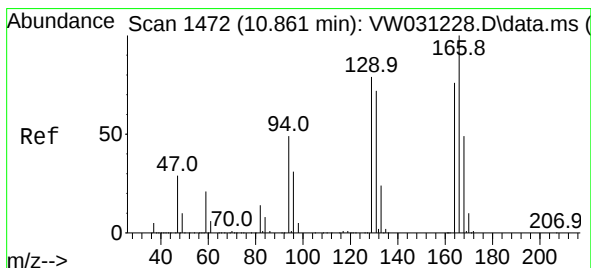
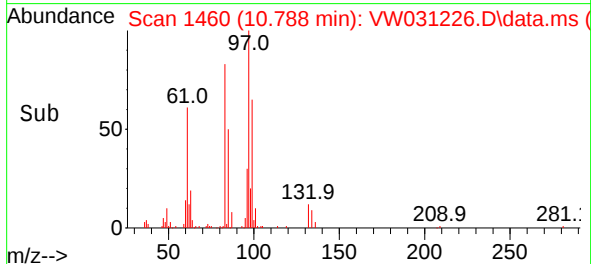
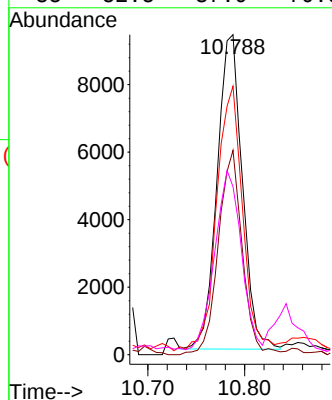
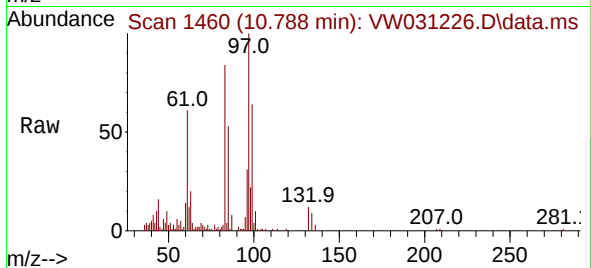
Ion Ratio Lower Upper

97 100

99 63.9 43.0 80.0

83 83.9 56.4 104.7

85 52.5 37.9 70.3



#46

Tetrachloroethene

Concen: 2.760 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Tgt Ion:164 Resp: 22376

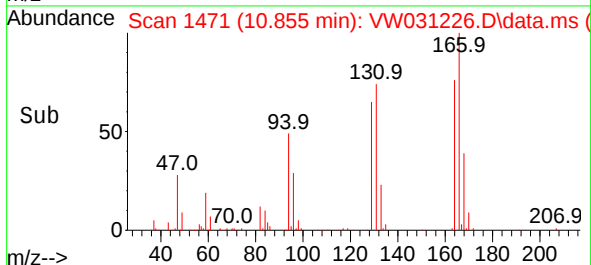
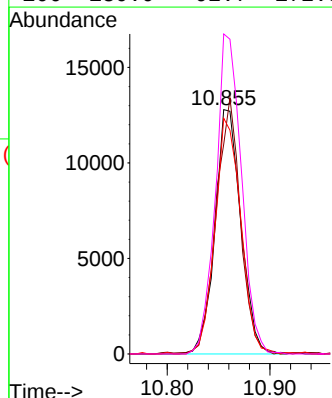
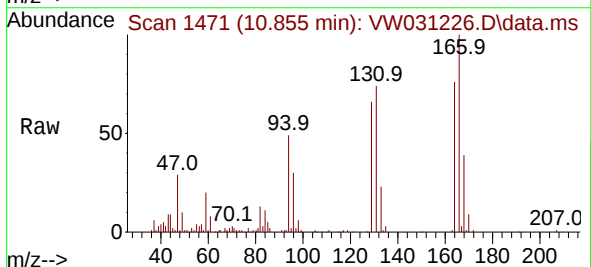
Ion Ratio Lower Upper

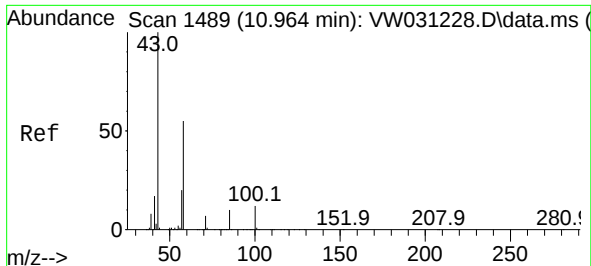
164 100

129 85.8 73.5 136.5

131 96.4 66.6 123.8

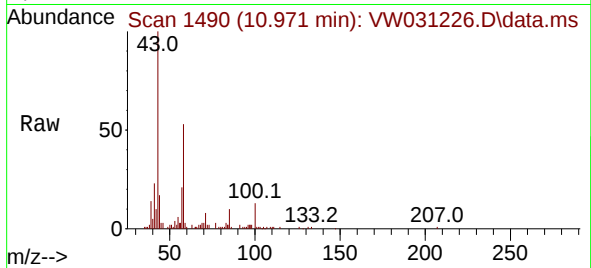
166 130.9 92.7 172.3



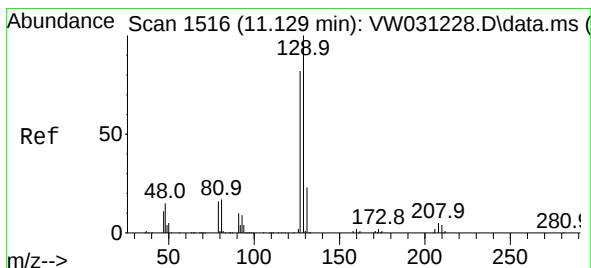
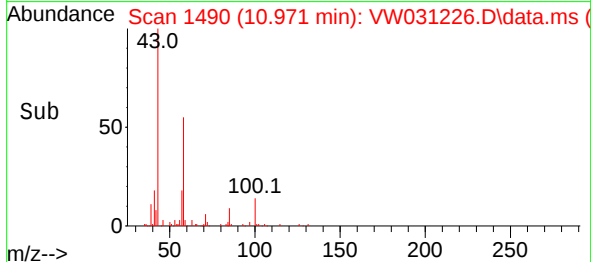
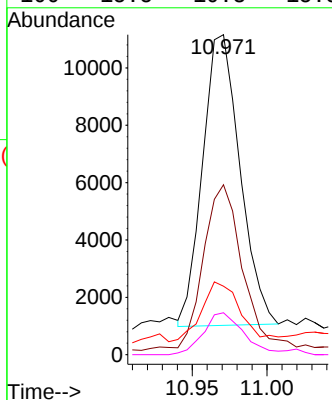


#48
2-Hexanone
Concen: 3.991 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

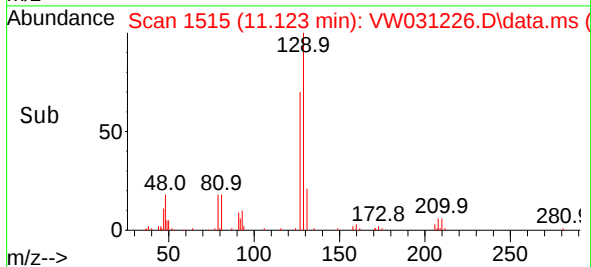
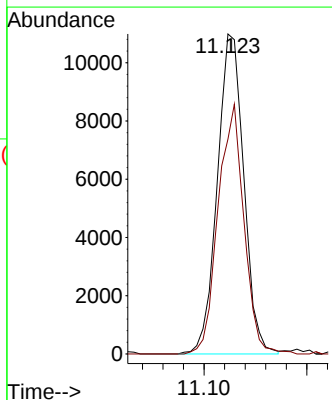
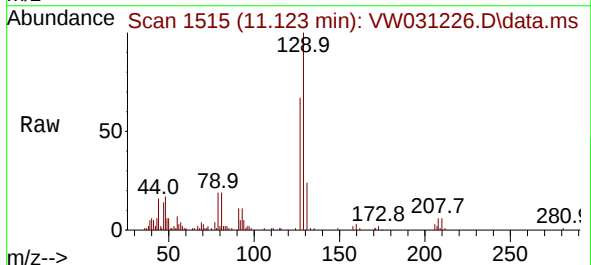


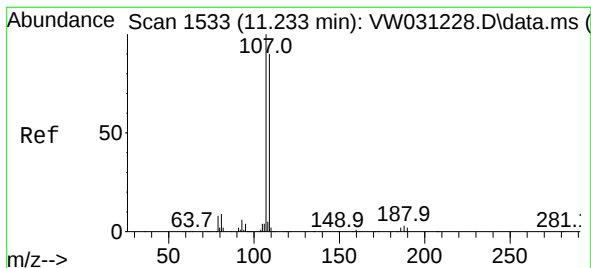
Tgt Ion: 43 Resp: 17616
Ion Ratio Lower Upper
43 100
58 60.5 43.0 64.6
57 20.4 15.7 23.5
100 15.5 10.3 15.5



#49
Dibromochloromethane
Concen: 2.549 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 129 Resp: 19655
Ion Ratio Lower Upper
129 100
127 67.1 57.6 107.0





#50

1,2-Dibromoethane

Concen: 2.487 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

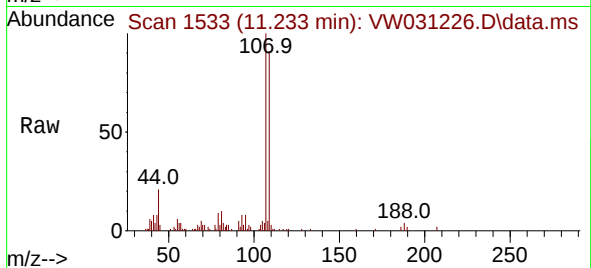
Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



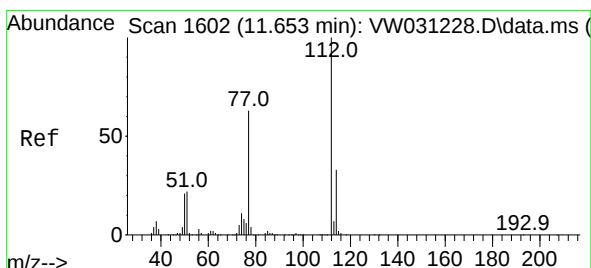
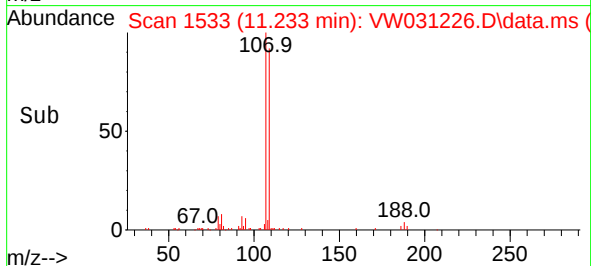
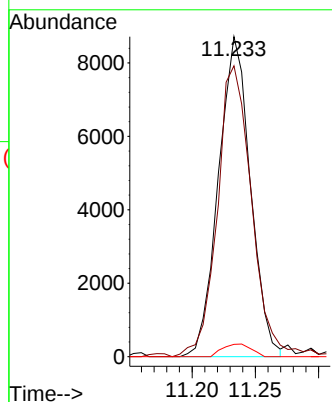
Tgt Ion:107 Resp: 15329

Ion Ratio Lower Upper

107 100

109 90.9 63.2 117.4

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 2.689 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

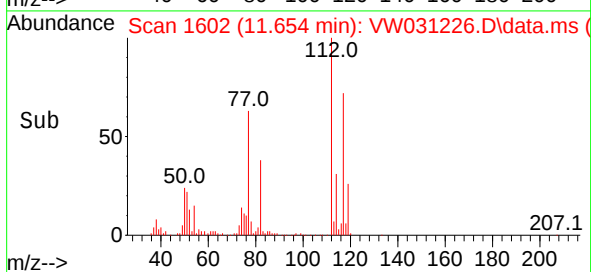
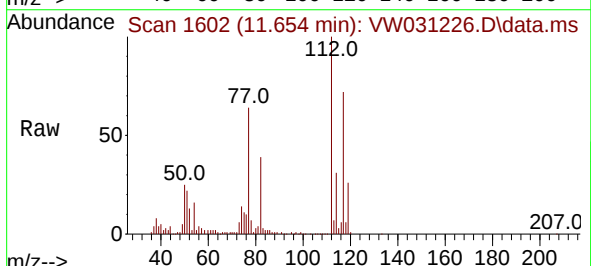
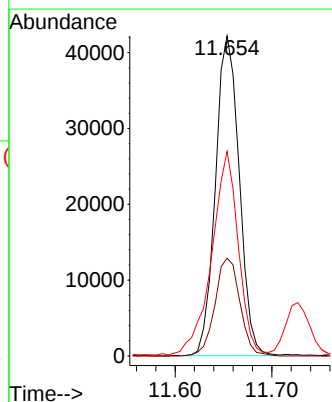
Tgt Ion:112 Resp: 71960

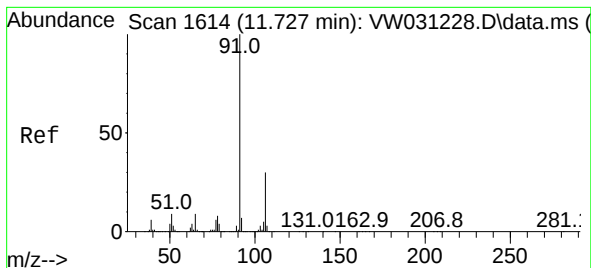
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 63.9 50.2 75.4

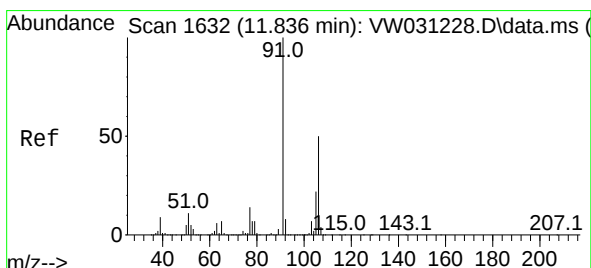
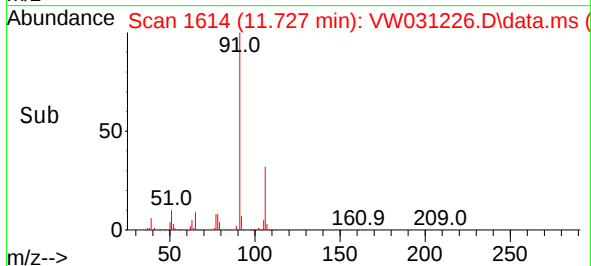
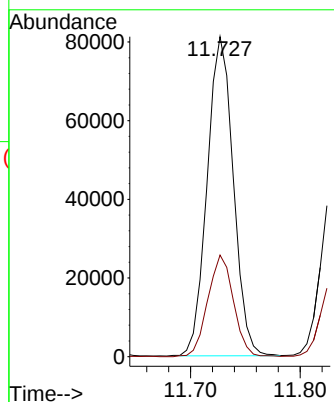
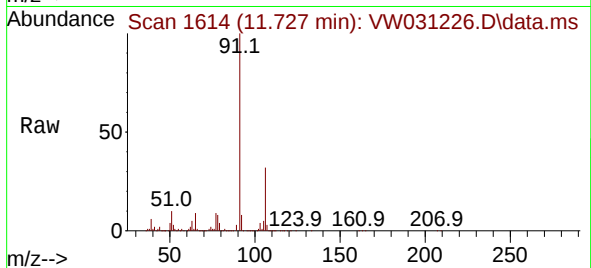




#52
Ethylbenzene
Concen: 2.720 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

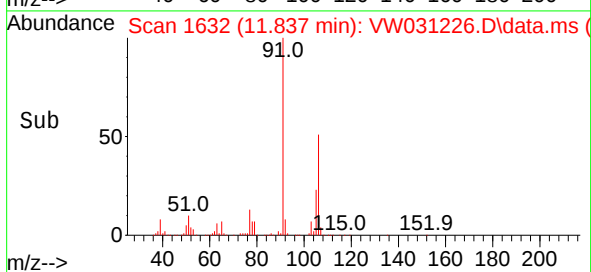
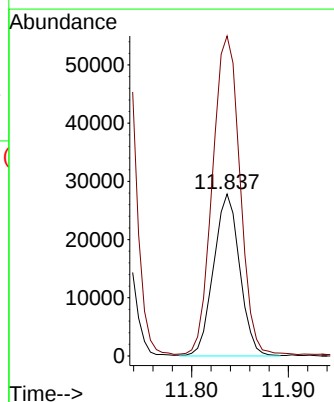
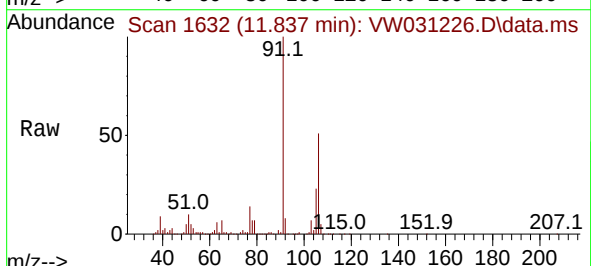
Instrument :
MSVOA_W
ClientSampleId :

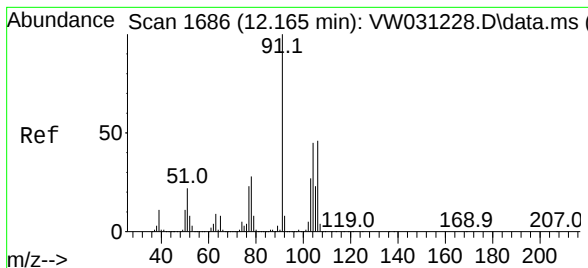
Tgt Ion: 91 Resp: 134561
Ion Ratio Lower Upper
91 100
106 31.8 20.7 38.5



#53
m,p-Xylene
Concen: 2.763 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion:106 Resp: 52029
Ion Ratio Lower Upper
106 100
91 197.6 139.9 259.7





#54

o-Xylene

Concen: 2.702 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

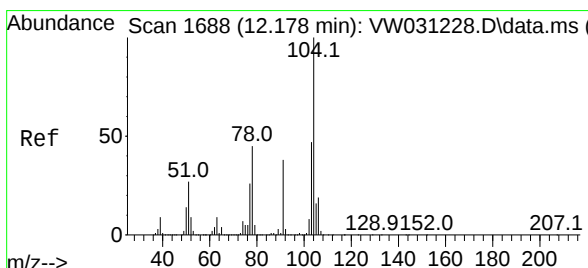
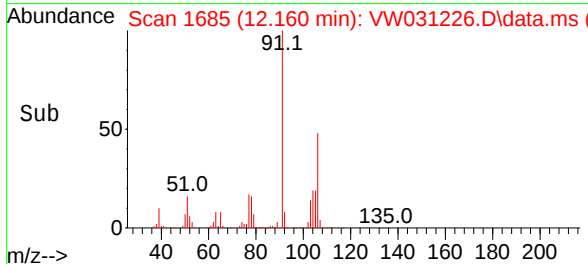
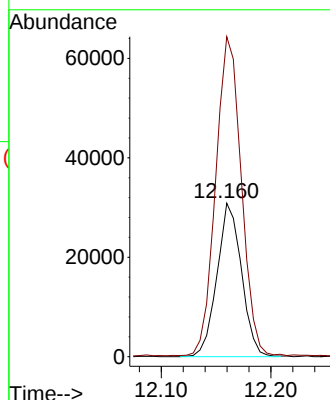
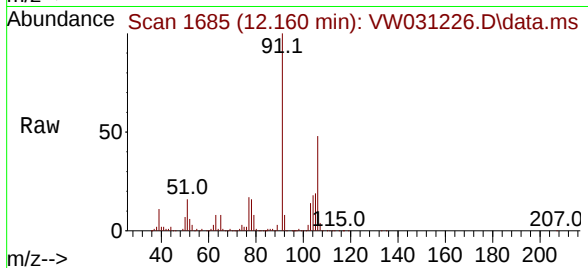
ClientSampleId :

Tgt Ion:106 Resp: 47964

Ion Ratio Lower Upper

106 100

91 208.6 153.1 284.3



#55

Styrene

Concen: 2.623 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031226.D

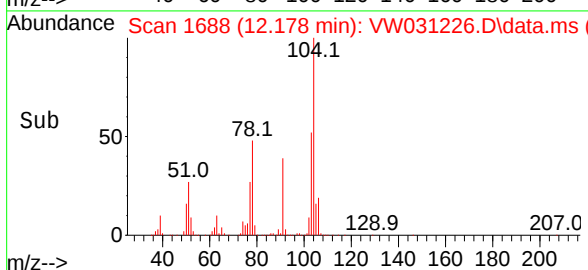
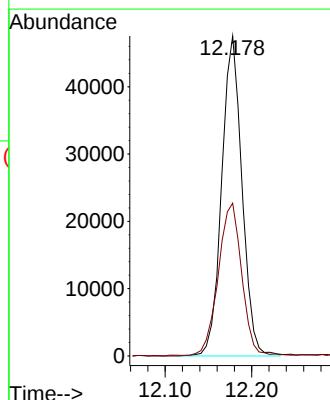
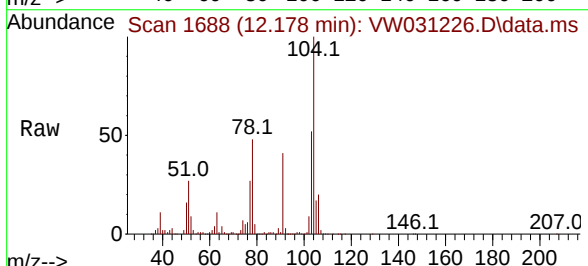
Acq: 13 Dec 2024 09:28

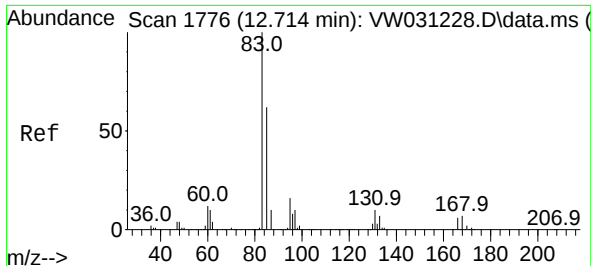
Tgt Ion:104 Resp: 77436

Ion Ratio Lower Upper

104 100

78 47.7 31.4 58.4

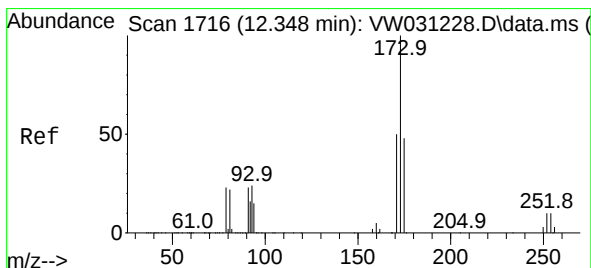
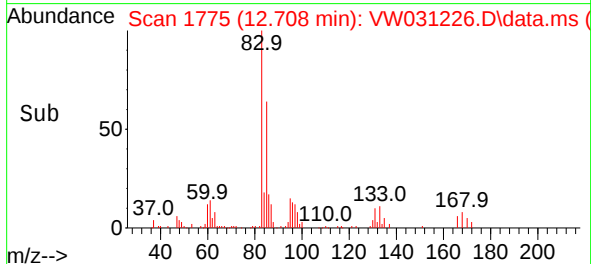
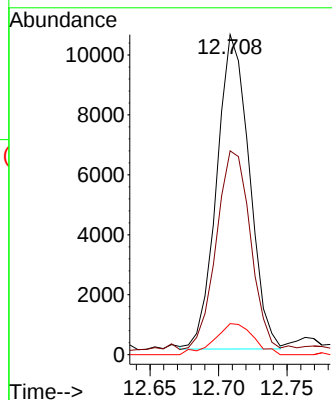
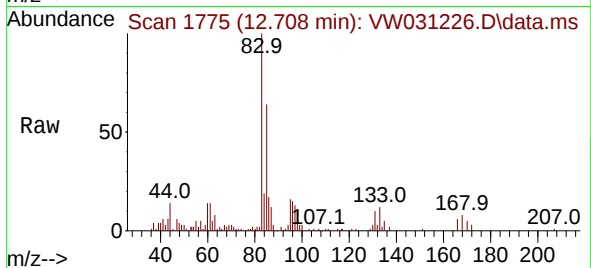




#57
1,1,2,2-Tetrachloroethane
Concen: 2.474 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

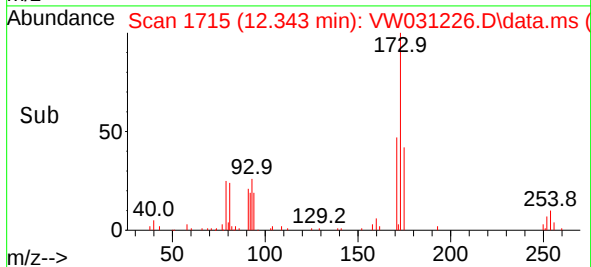
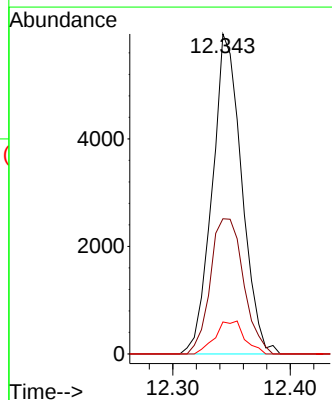
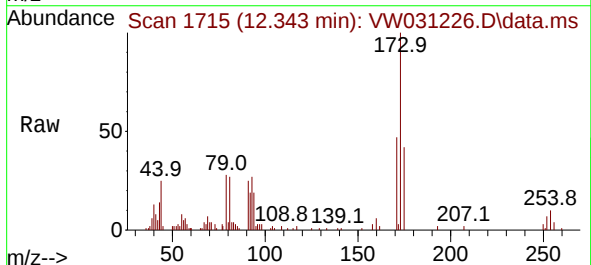
Instrument :
MSVOA_W
ClientSampleId :

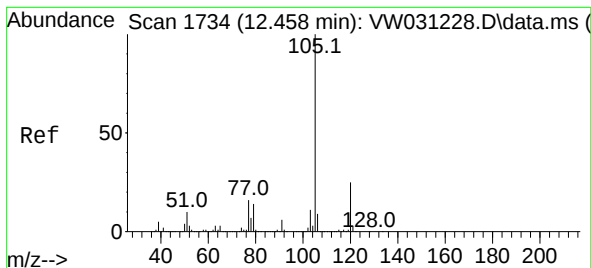
Tgt Ion: 83 Resp: 17354
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9
131 9.7 7.9 11.9



#59
Bromoform
Concen: 2.474 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion: 173 Resp: 10357
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 10.3 7.6 11.4





#60

Isopropylbenzene

Concen: 2.752 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

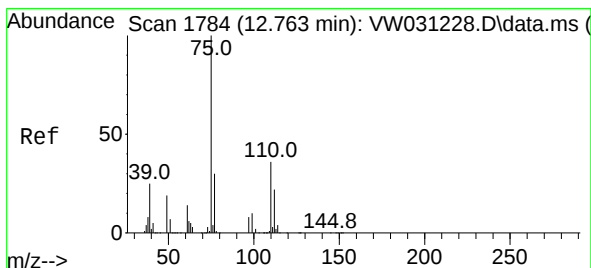
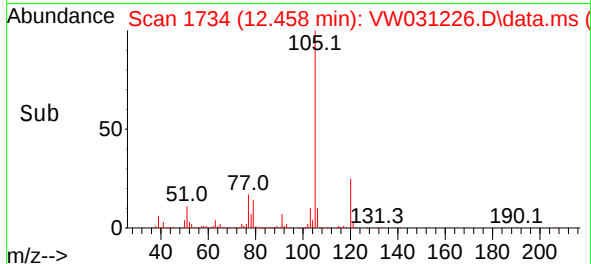
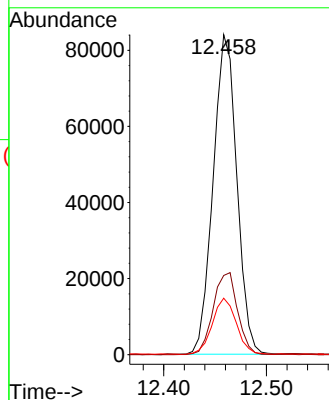
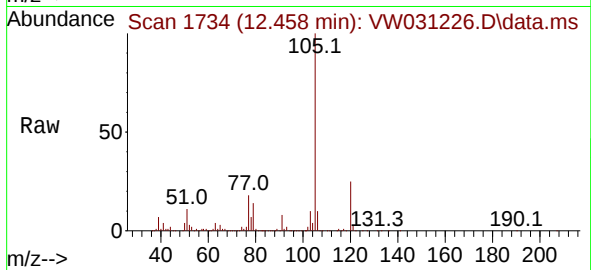
Tgt Ion:105 Resp: 134161

Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 17.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 2.472 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

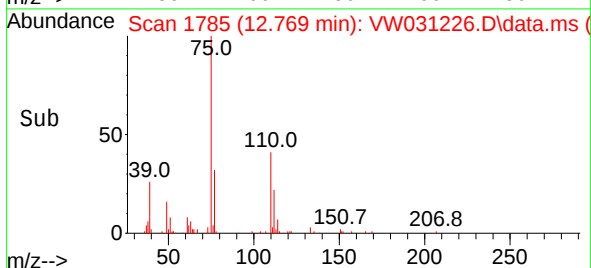
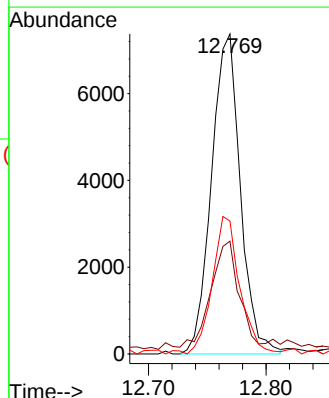
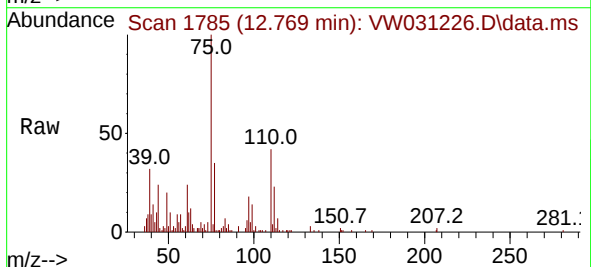
Tgt Ion: 75 Resp: 12603

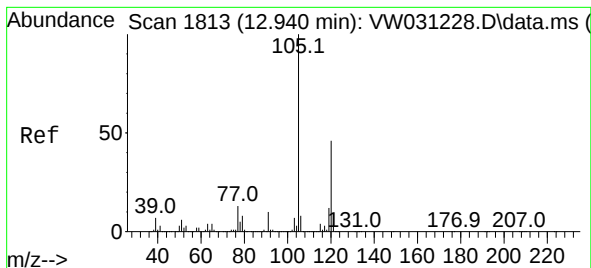
Ion Ratio Lower Upper

75 100

77 34.0 25.3 37.9

110 40.9 31.2 46.8

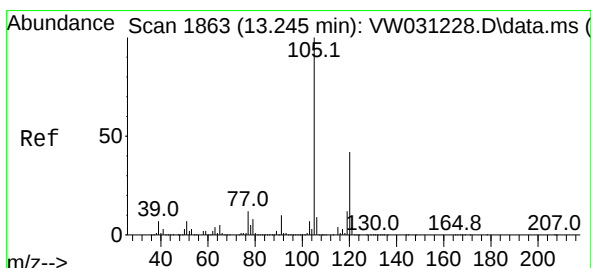
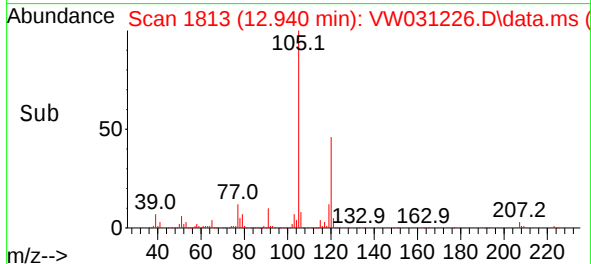
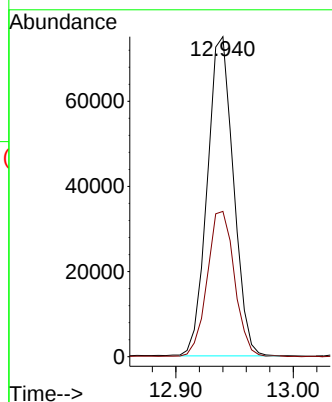
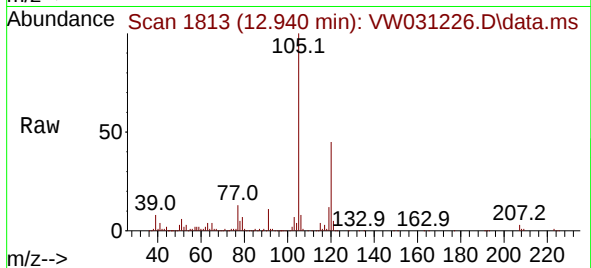




#62
1,3,5-Trimethylbenzene
Concen: 2.809 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

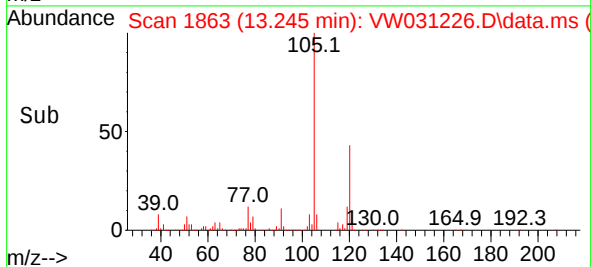
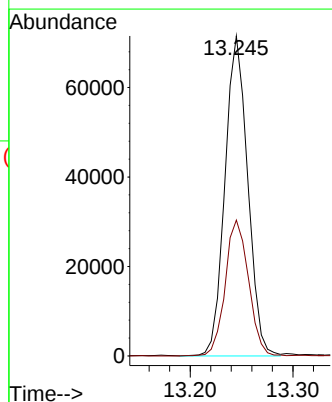
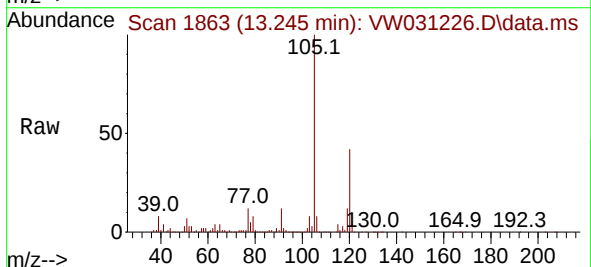
Instrument :
MSVOA_W
ClientSampleId :

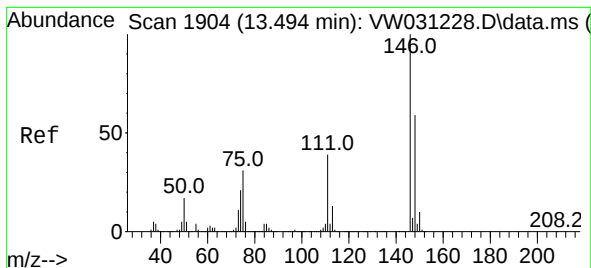
Tgt Ion:105 Resp: 116109
Ion Ratio Lower Upper
105 100
120 47.4 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 2.758 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion:105 Resp: 110181
Ion Ratio Lower Upper
105 100
120 43.5 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 2.659 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

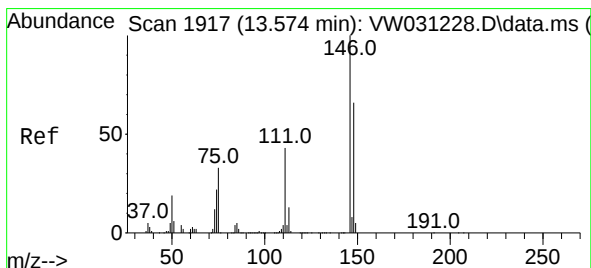
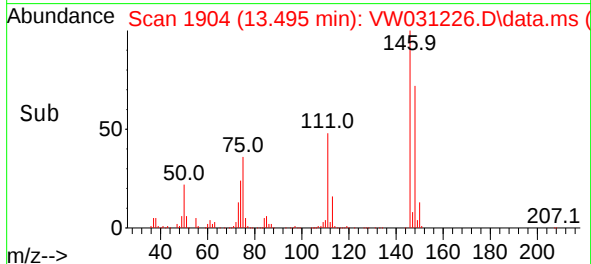
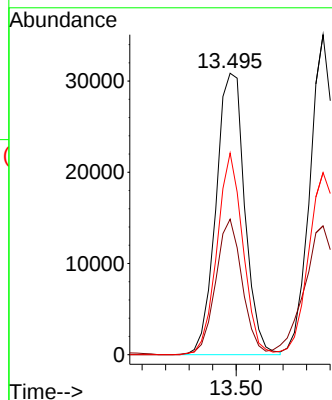
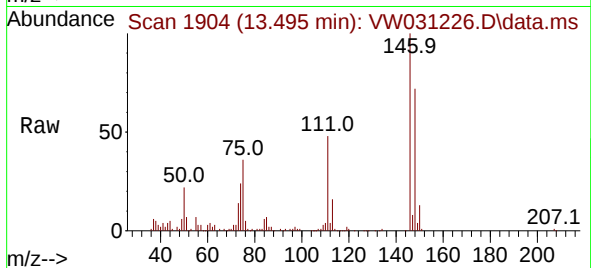
Tgt Ion:146 Resp: 52527

Ion Ratio Lower Upper

146 100

111 48.2 27.6 51.2

148 71.7 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 2.742 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

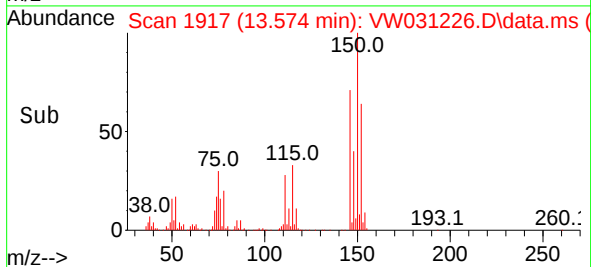
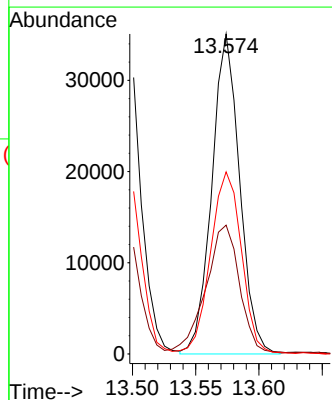
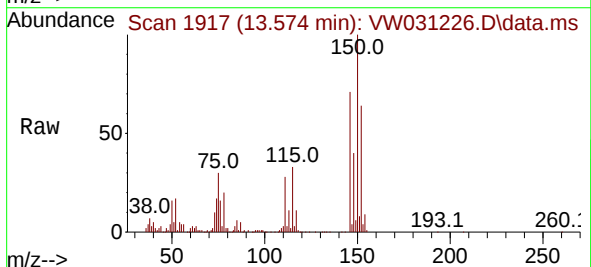
Tgt Ion:146 Resp: 53670

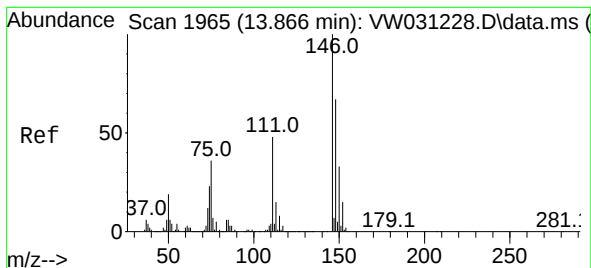
Ion Ratio Lower Upper

146 100

111 40.3 30.7 56.9

148 56.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 2.723 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :

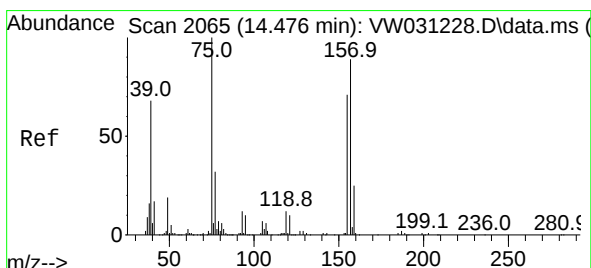
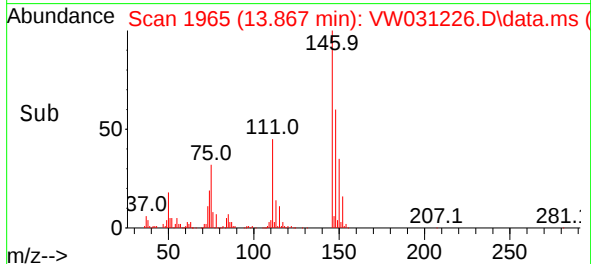
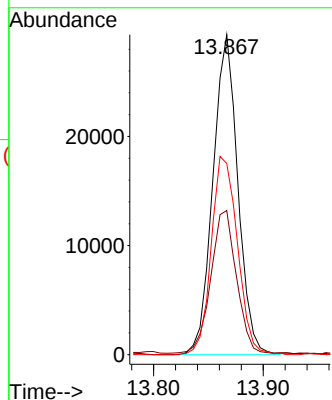
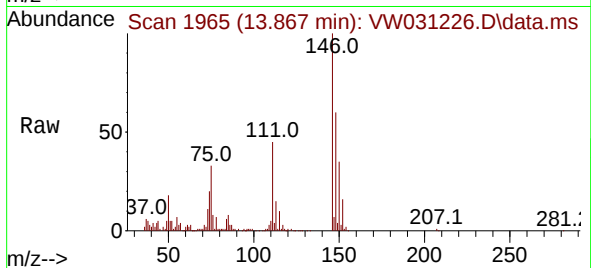
Tgt Ion:146 Resp: 46340

Ion Ratio Lower Upper

146 100

111 45.1 38.6 58.0

148 59.7 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.593 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

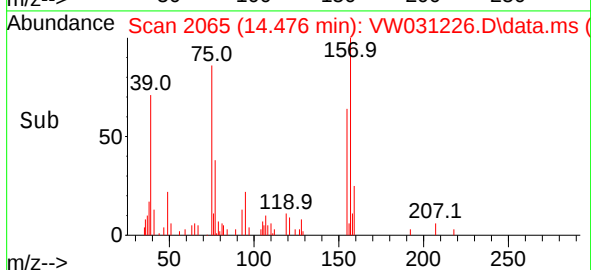
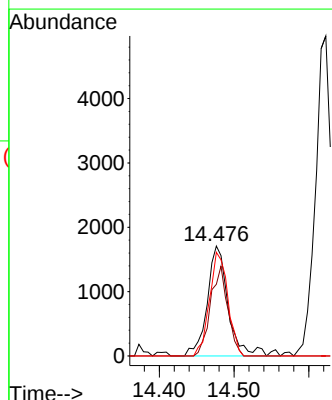
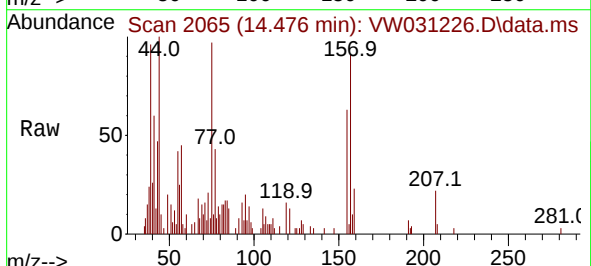
Tgt Ion: 75 Resp: 3355

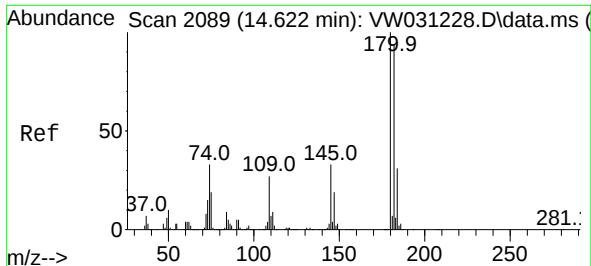
Ion Ratio Lower Upper

75 100

155 65.2 56.6 85.0

157 94.3 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 2.631 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

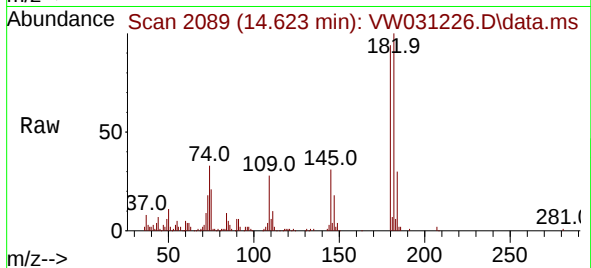
Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 36405

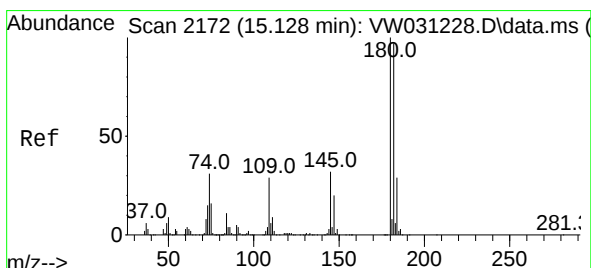
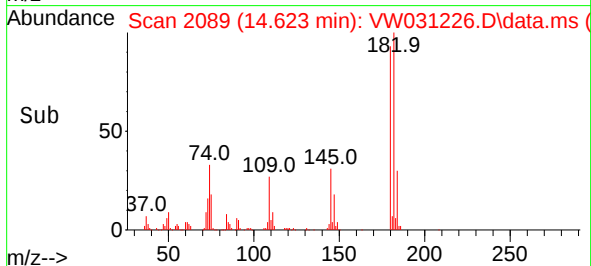
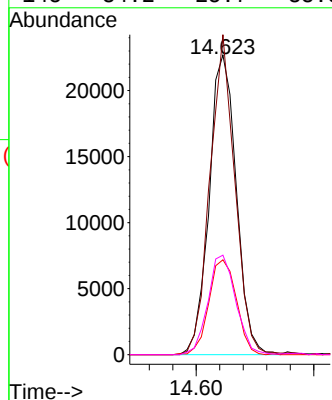
Ion Ratio Lower Upper

180 100

182 97.8 75.0 112.4

184 32.1 24.6 36.8

145 34.2 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 2.577 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031226.D

Acq: 13 Dec 2024 09:28

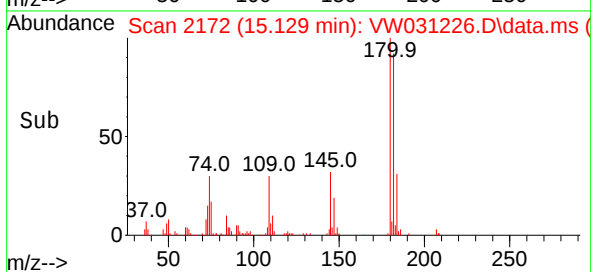
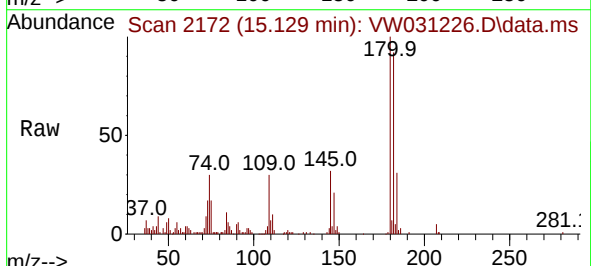
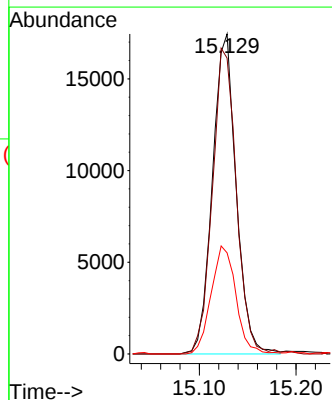
Tgt Ion:180 Resp: 29654

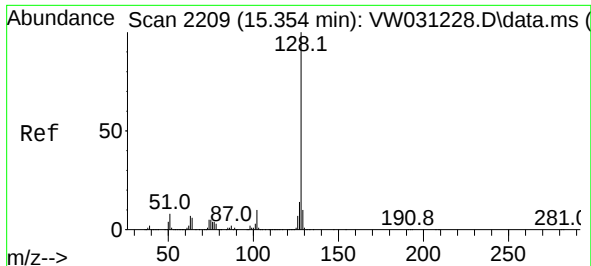
Ion Ratio Lower Upper

180 100

182 97.0 78.2 117.2

145 35.3 26.7 40.1

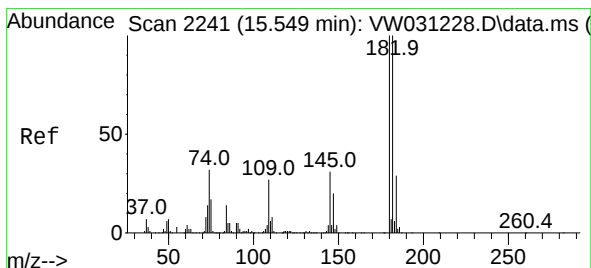
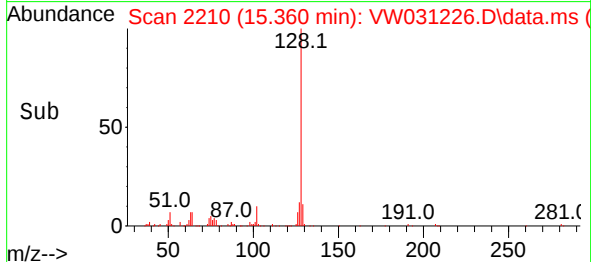
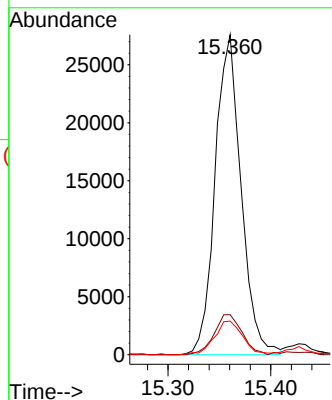
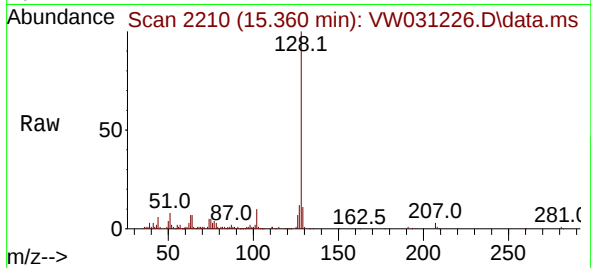




#71
Naphthalene
Concen: 2.396 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 48347
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.4 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.585 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031226.D
Acq: 13 Dec 2024 09:28

Tgt Ion:180 Resp: 23969
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.4
145 36.1 27.8 41.6

