

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030581.D
 Acq On : 12 Oct 2024 05:14
 Operator : SY/MD
 Sample : P4350-13MS
 Misc : 6.46g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:53:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	465928	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142610	19.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
7) Chloroethane-d5	2.899	69	133982	24.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
11) 1,1-Dichloroethene-d2	4.021	65	58464	19.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.760%
21) 2-Butanone-d5	7.075	46	54925	41.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.340%
24) Chloroform-d	7.648	84	308219	23.132	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	8.307	65	171427	24.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.960%
32) Benzene-d6	8.276	84	550673	23.524	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.270	67	174792	25.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.318	98	460498	21.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	10.574	79	72289	25.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.520%
47) 2-Hexanone-d5	10.922	63	49167	55.559	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144343	28.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	149914	25.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	75069	12.611	ug/L	90
3) Chloromethane	2.228	50	94908	13.718	ug/L	98
5) Vinyl chloride	2.381	62	111314	13.083	ug/L	100
6) Bromomethane	2.789	94	81436	14.541	ug/L	98
8) Chloroethane	2.936	64	78506	15.094	ug/L	99
9) Trichlorofluoromethane	3.265	101	89775	11.792	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84548	12.344	ug/L	98
13) Acetone	4.124	43	34600	17.931	ug/L	98
14) Carbon disulfide	4.393	76	184344	9.031	ug/L	100
15) Methyl Acetate	4.673	43	33749	14.159	ug/L	97
16) Methylene chloride	4.923	84	101078	14.350	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	89639	13.289	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	167904	17.786	ug/L	99
19) 1,1-Dichloroethane	6.215	63	179614	14.327	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	107560	14.950	ug/L	98
22) 2-Butanone	7.167	43	50971	24.506	ug/L	100
23) Bromochloromethane	7.514	128	49495	15.725	ug/L	94
25) Chloroform	7.679	83	197059	14.709	ug/L	98
27) 1,2-Dichloroethane	8.398	62	132780	15.023	ug/L	100

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 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

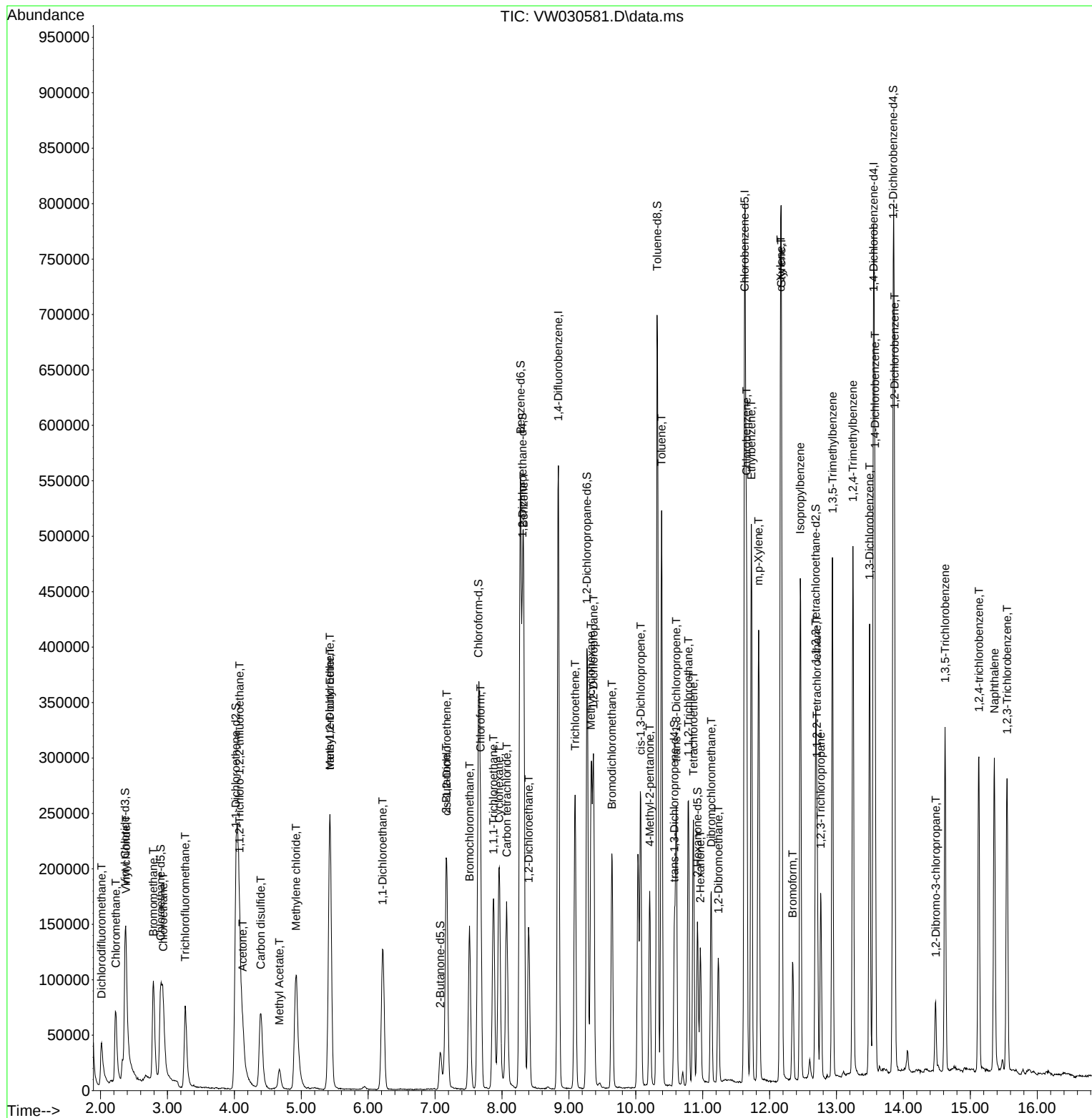
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	114447	11.657	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	142149	13.277	ug/L	97
31) Carbon tetrachloride	8.069	117	117715	12.310	ug/L	99
33) Benzene	8.325	78	383339	14.605	ug/L	100
34) Trichloroethene	9.093	95	90890	12.447	ug/L	96
35) Methylcyclohexane	9.331	83	114828	9.992	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101508	15.485	ug/L	99
38) Bromodichloromethane	9.642	83	135755	15.566	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	151481	15.320	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	110501	35.089	ug/L	99
42) Toluene	10.385	91	370824	13.243	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129696	15.609	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	79286	16.735	ug/L	96
46) Tetrachloroethene	10.861	164	50229	9.327	ug/L	94
48) 2-Hexanone	10.965	43	73556	28.562	ug/L	99
49) Dibromochloromethane	11.129	129	89061	16.848	ug/L	90
50) 1,2-Dibromoethane	11.233	107	75174	17.005	ug/L #	96
51) Chlorobenzene	11.653	112	235435	13.061	ug/L	99
52) Ethylbenzene	11.727	91	345843	10.824	ug/L	96
53) m,p-Xylene	11.836	106	130954	10.940	ug/L	97
54) o-Xylene	12.166	106	139944	12.646	ug/L	96
55) Styrene	12.178	104	244724	12.936	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	92147	17.248	ug/L	94
59) Bromoform	12.342	173	46563	19.300	ug/L	100
60) Isopropylbenzene	12.458	105	289405	10.883	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65036	19.463	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	242468	11.557	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	250571	12.198	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	155972	13.475	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	161636	13.524	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	153470	15.067	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14712	19.746	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.622	180	88358	11.576	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	87119	14.177	ug/L	99
71) Naphthalene	15.360	128	238288	22.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85235	16.000	ug/L	96

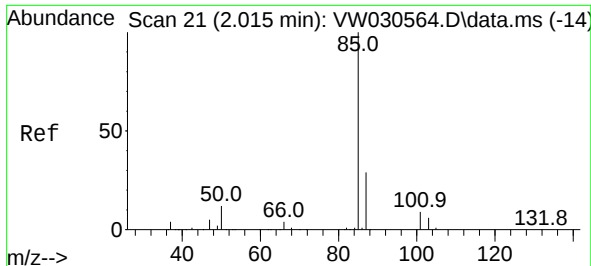
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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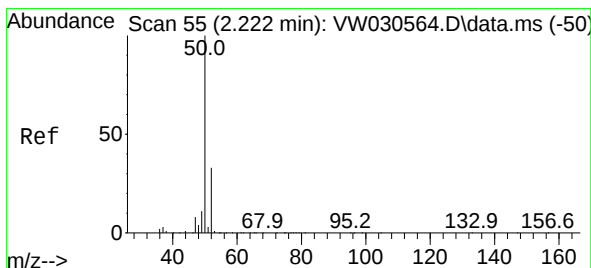
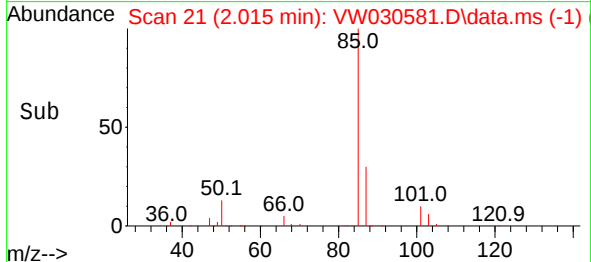
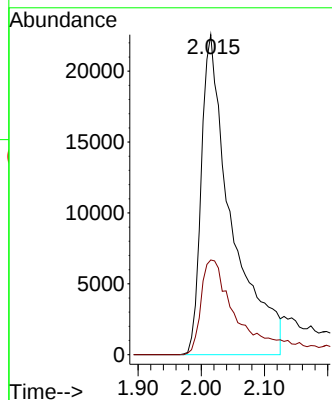
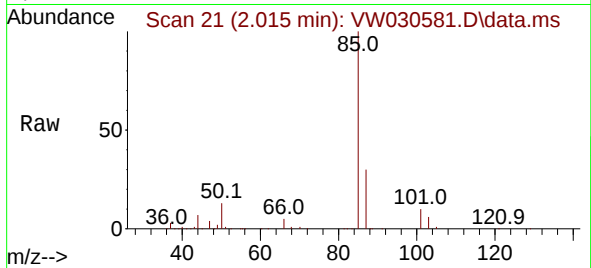




#2
 Dichlorodifluoromethane
 Concen: 12.611 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030581.D
 Acq: 12 Oct 2024 05:14

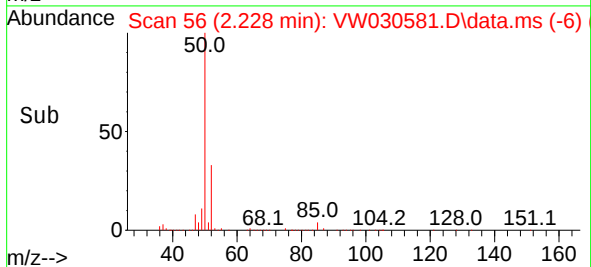
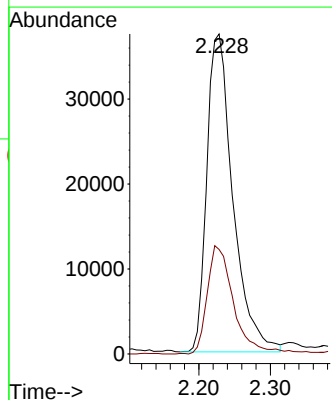
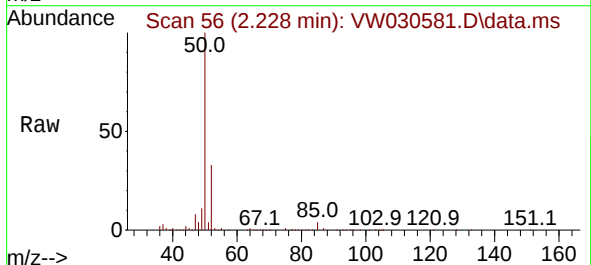
Instrument :
 MSVOA_W
 ClientSampleId :

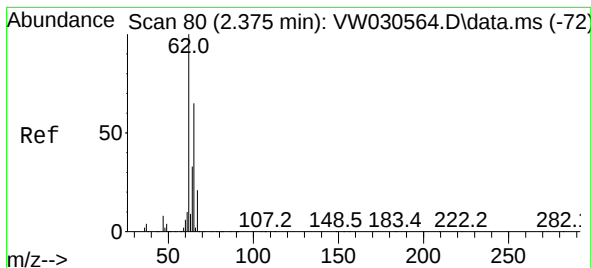
Tgt Ion: 85 Resp: 75069
 Ion Ratio Lower Upper
 85 100
 87 35.0 23.8 35.6



#3
 Chloromethane
 Concen: 13.718 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030581.D
 Acq: 12 Oct 2024 05:14

Tgt Ion: 50 Resp: 94908
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9





#5

Vinyl chloride

Concen: 13.083 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

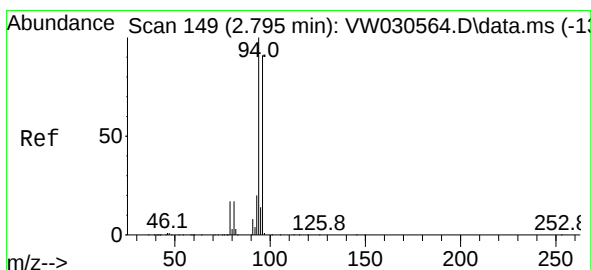
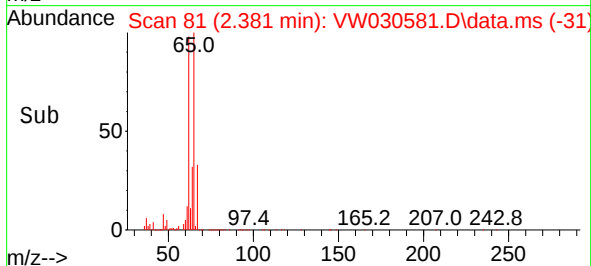
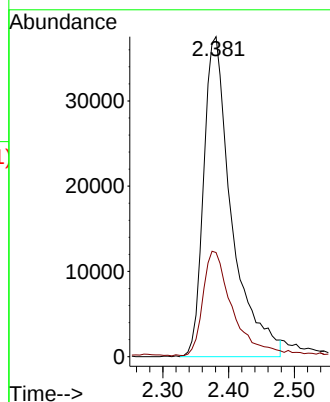
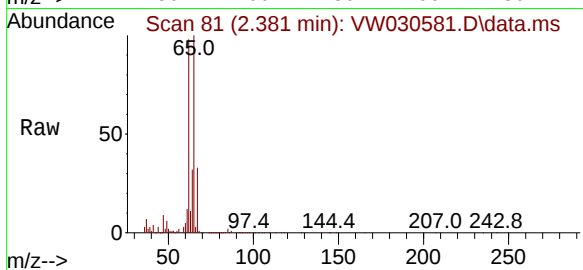
ClientSampleId :

Tgt Ion: 62 Resp: 111314

Ion Ratio Lower Upper

62 100

64 32.6 22.6 42.0



#6

Bromomethane

Concen: 14.541 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030581.D

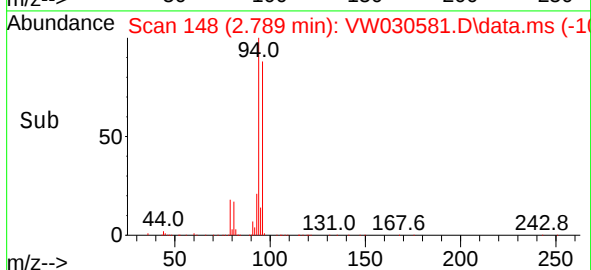
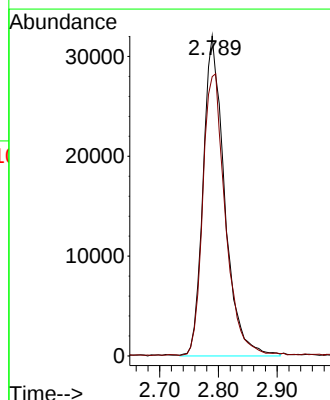
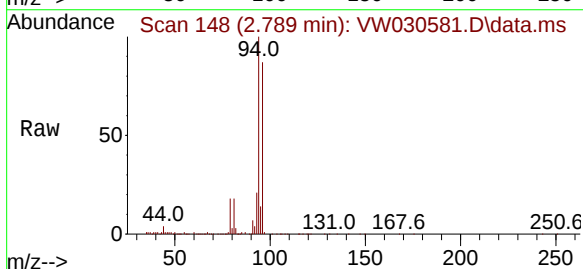
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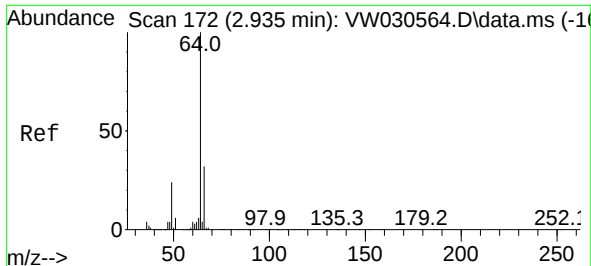
Tgt Ion: 94 Resp: 81436

Ion Ratio Lower Upper

94 100

96 87.3 62.6 116.2

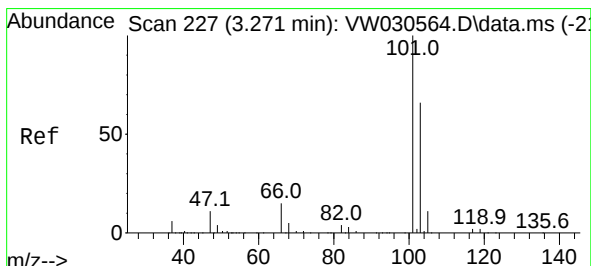
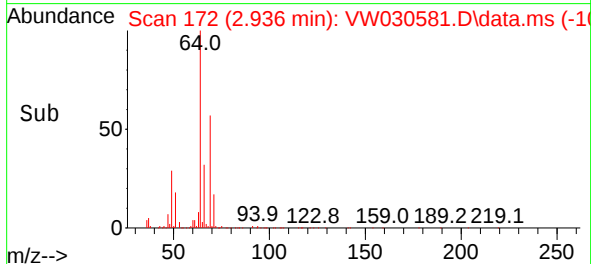
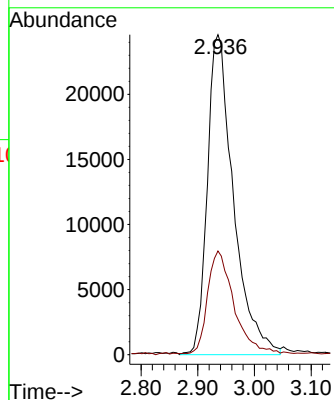
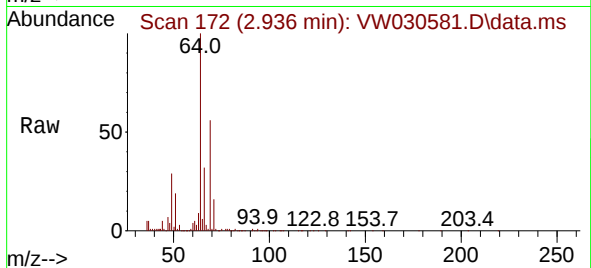




#8
Chloroethane
Concen: 15.094 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

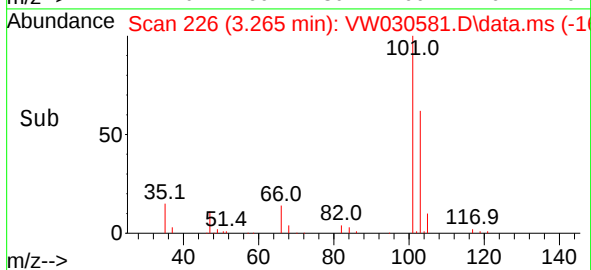
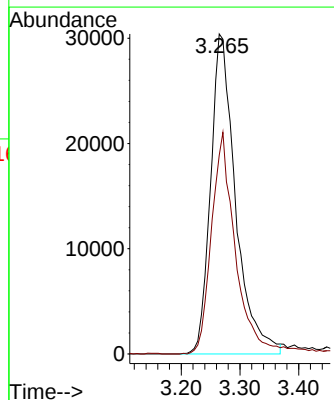
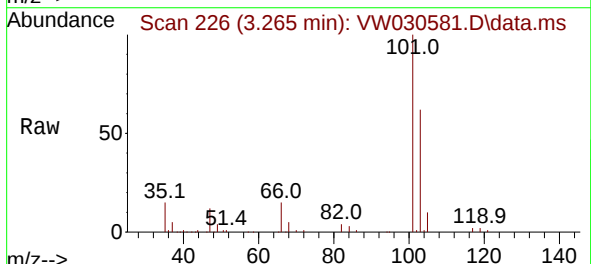
Instrument :
MSVOA_W
ClientSampleId :

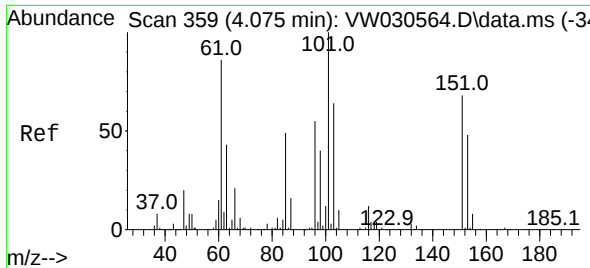
Tgt Ion: 64 Resp: 78506
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 11.792 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Tgt Ion:101 Resp: 89775
Ion Ratio Lower Upper
101 100
103 66.1 51.1 76.7





#10

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

Concen: 12.344 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

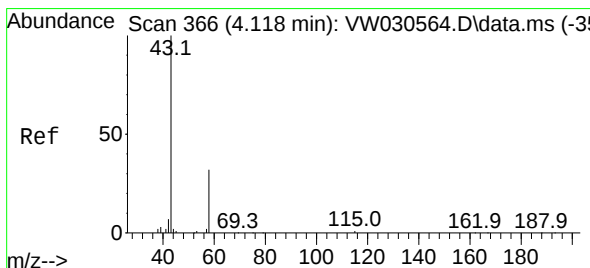
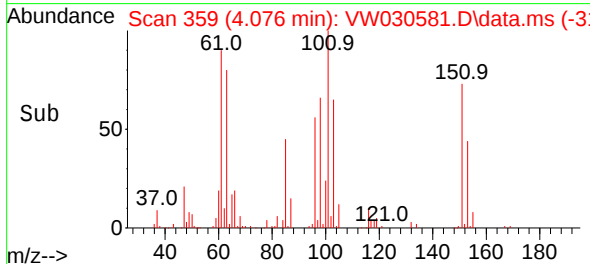
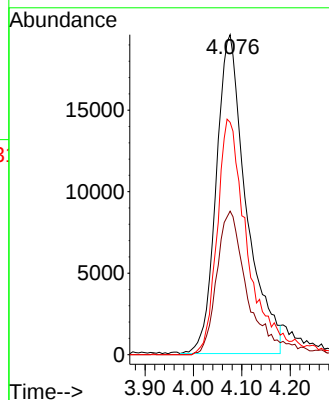
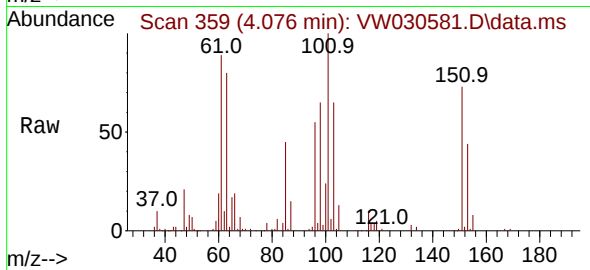
Tgt Ion:101 Resp: 84548

Ion Ratio Lower Upper

101 100

85 41.6 35.7 53.5

151 70.1 56.1 84.1



#13

Acetone

Concen: 17.931 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW030581.D

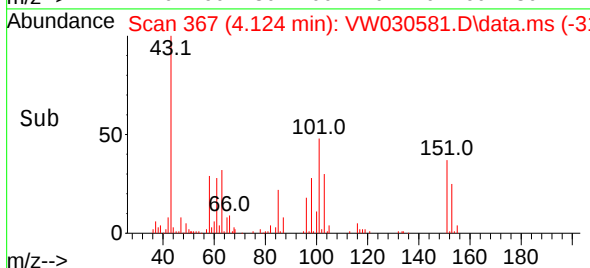
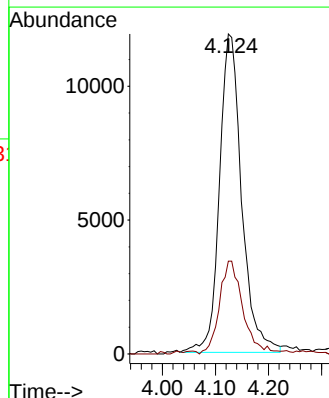
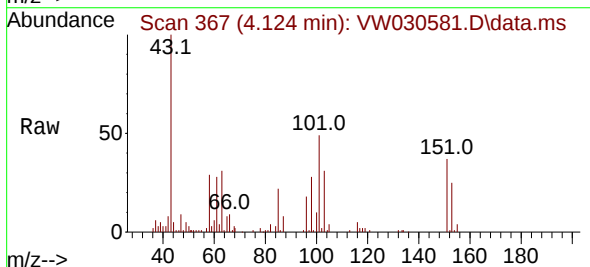
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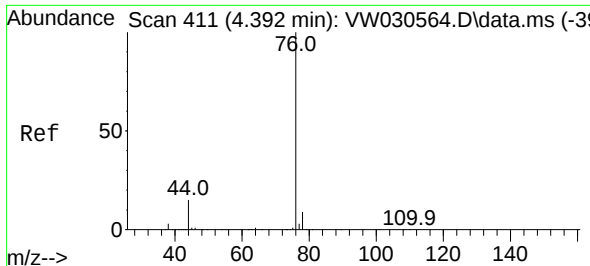
Tgt Ion: 43 Resp: 34600

Ion Ratio Lower Upper

43 100

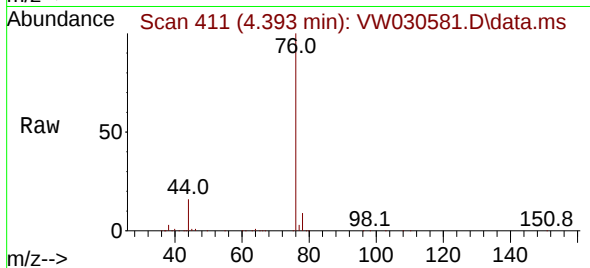
58 29.9 0.0 57.6



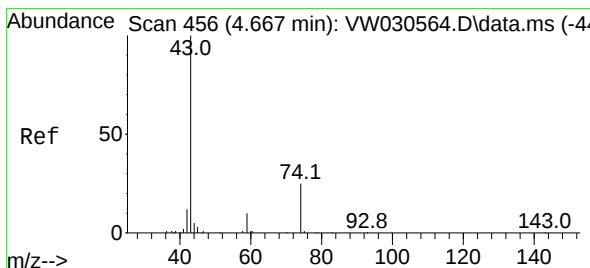
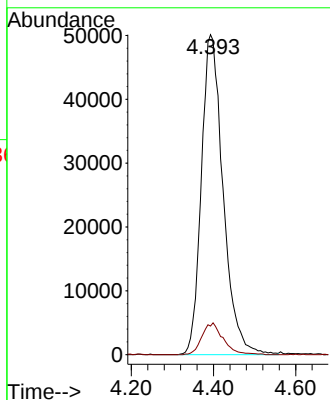
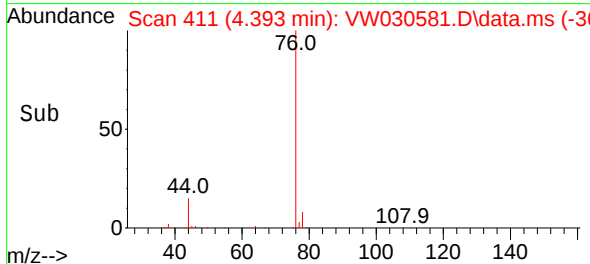


#14
Carbon disulfide
Concen: 9.031 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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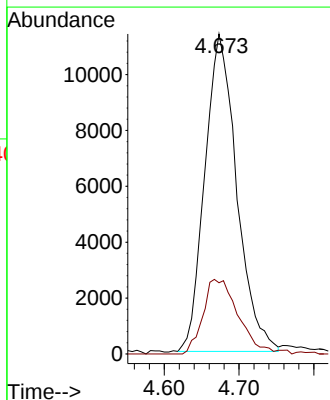
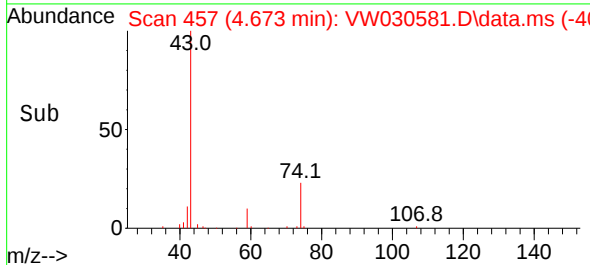
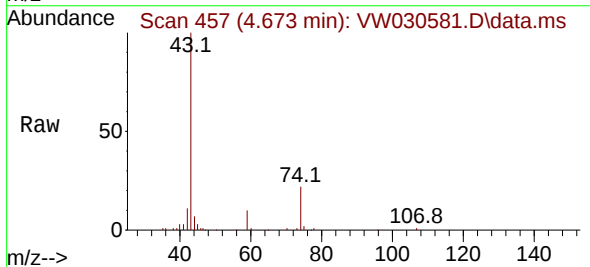


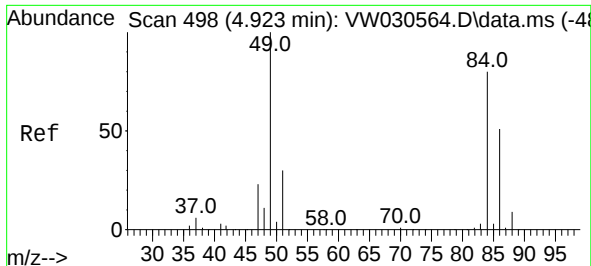
Tgt Ion: 76 Resp: 184344
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#15
Methyl Acetate
Concen: 14.159 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
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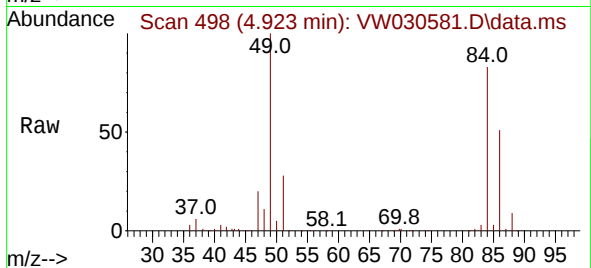
Tgt Ion: 43 Resp: 33749
Ion Ratio Lower Upper
43 100
74 25.7 19.3 28.9



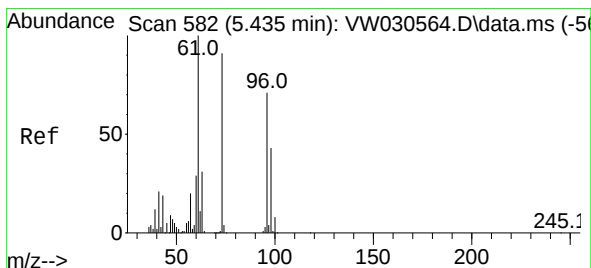
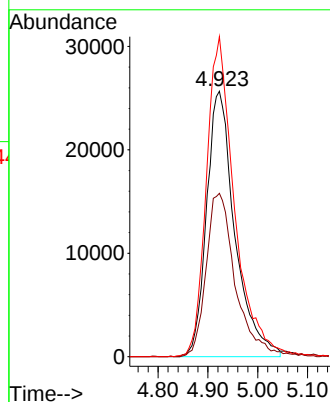
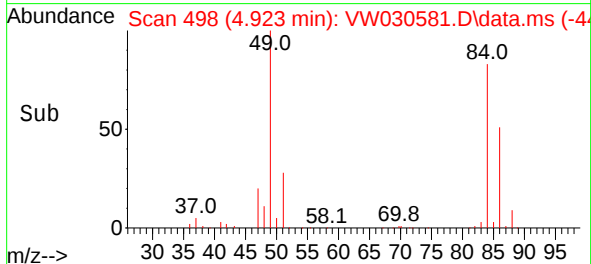


#16
Methylene chloride
Concen: 14.350 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

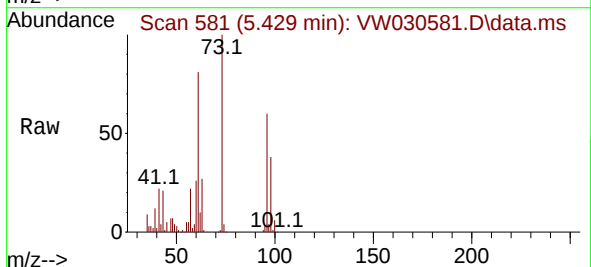
Instrument :
MSVOA_W
ClientSampleId :



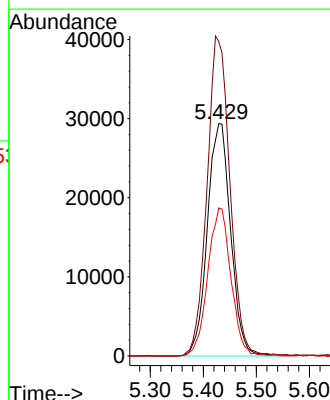
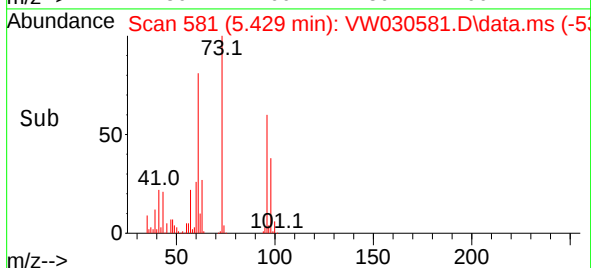
Tgt Ion: 84 Resp: 101078
Ion Ratio Lower Upper
84 100
86 61.6 43.8 81.3
49 120.6 88.3 164.1

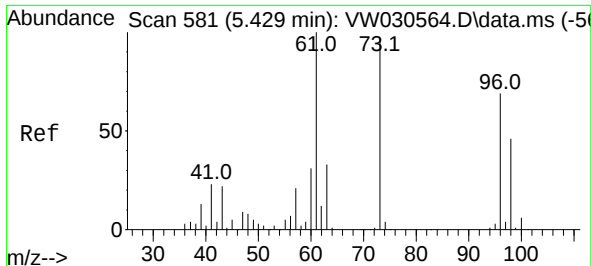


#17
trans-1,2-Dichloroethene
Concen: 13.289 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14



Tgt Ion: 96 Resp: 89639
Ion Ratio Lower Upper
96 100
61 135.3 96.9 179.9
98 63.7 42.2 78.4





#18

Methyl tert-butyl Ether

Concen: 17.786 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

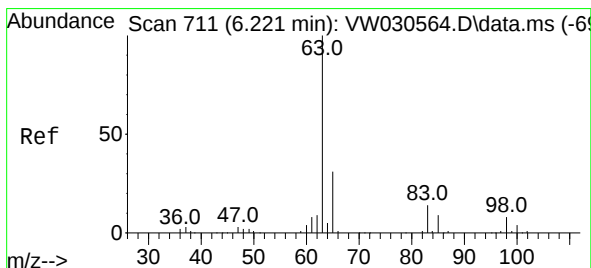
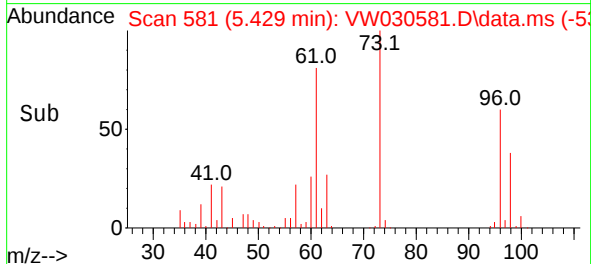
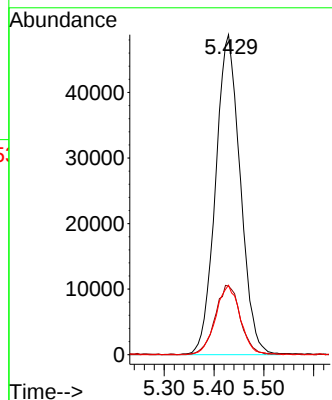
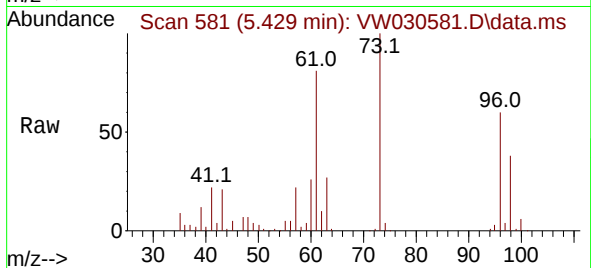
Tgt Ion: 73 Resp: 167904

Ion Ratio Lower Upper

73 100

43 21.8 18.1 27.1

57 21.5 17.7 26.5



#19

1,1-Dichloroethane

Concen: 14.327 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

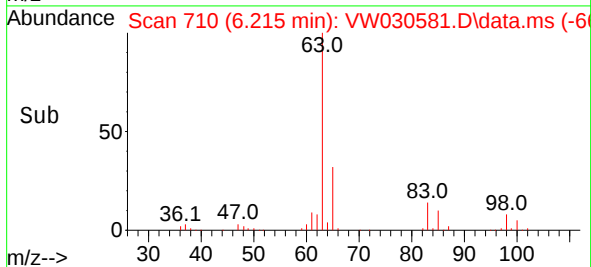
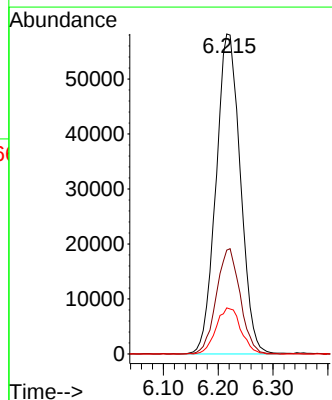
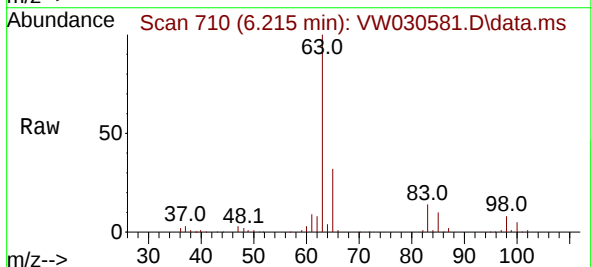
Tgt Ion: 63 Resp: 179614

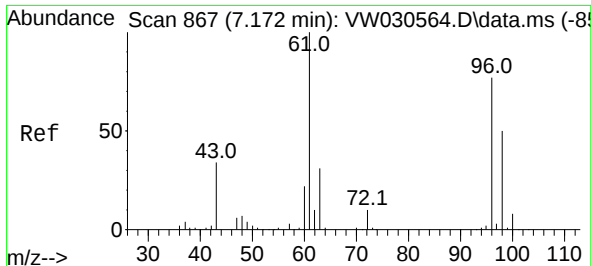
Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.9

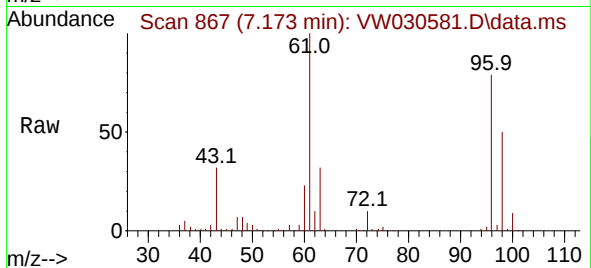
83 14.4 9.8 18.2



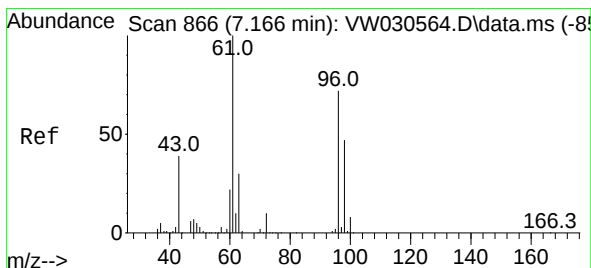
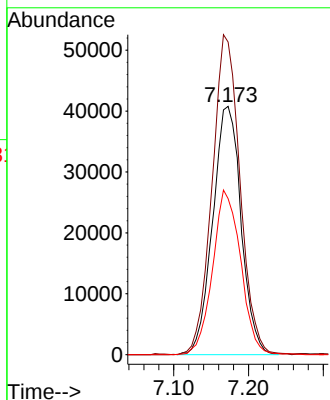
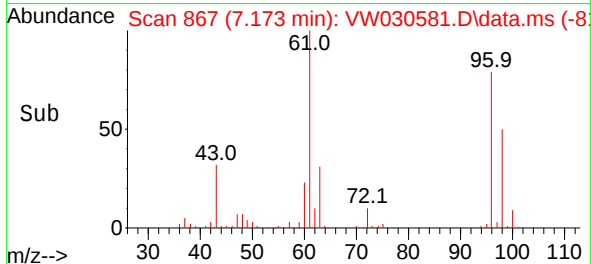


#20
cis-1,2-Dichloroethene
Concen: 14.950 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Instrument :
MSVOA_W
ClientSampleId :

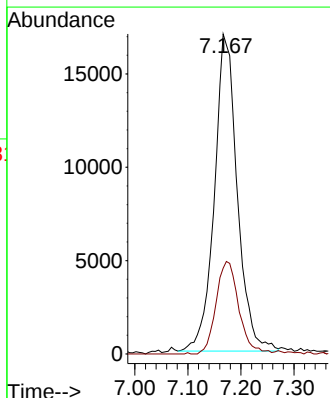
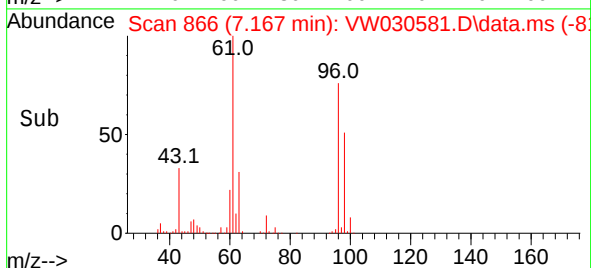
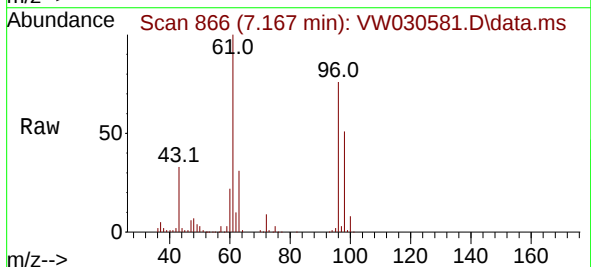


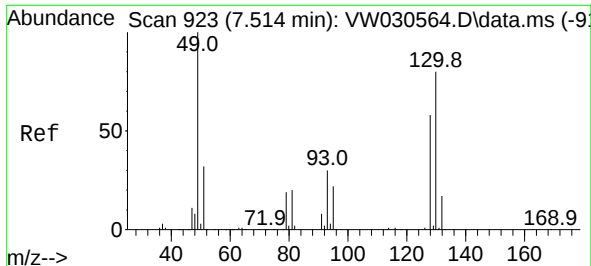
Tgt Ion: 96 Resp: 107560
Ion Ratio Lower Upper
96 100
61 125.9 88.3 163.9
98 62.8 41.3 76.7



#22
2-Butanone
Concen: 24.506 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

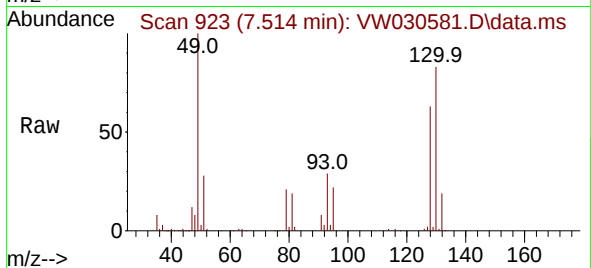
Tgt Ion: 43 Resp: 50971
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



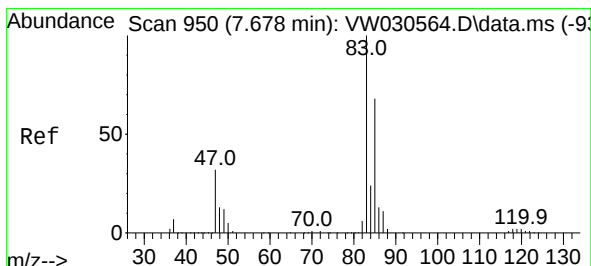
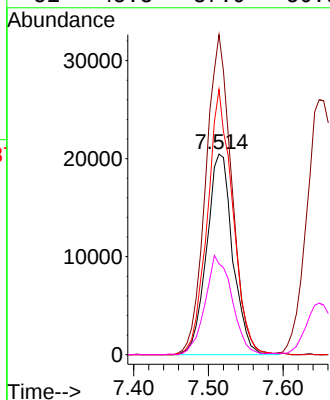
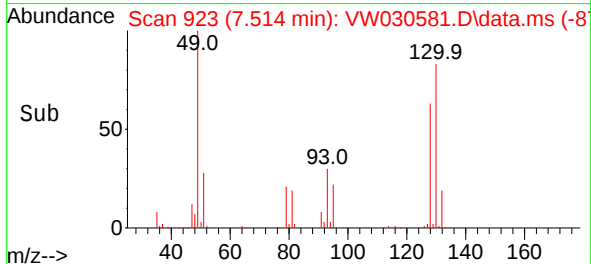


#23
Bromochloromethane
Concen: 15.725 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Instrument :
MSVOA_W
ClientSampleId :

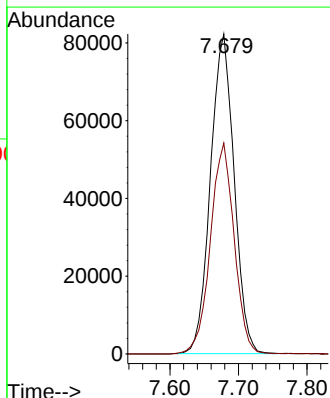
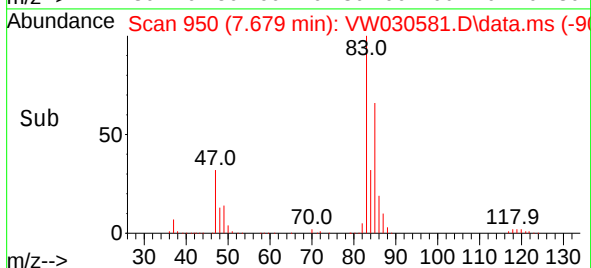
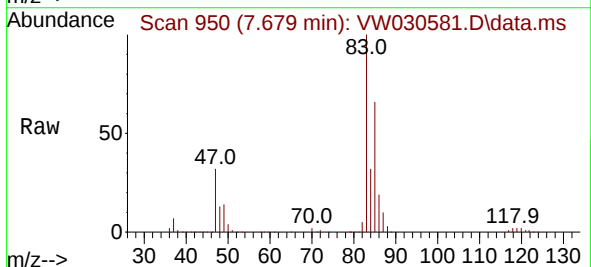


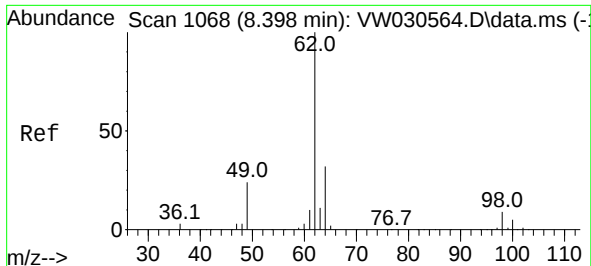
Tgt Ion:	128	Resp:	49495
Ion	Ratio	Lower	Upper
128	100		
49	159.5	110.1	204.5
130	132.3	82.9	153.9
51	45.3	37.9	56.9



#25
Chloroform
Concen: 14.709 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Tgt Ion:	83	Resp:	197059
Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.1	83.7





#27

1,2-Dichloroethane

Concen: 15.023 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

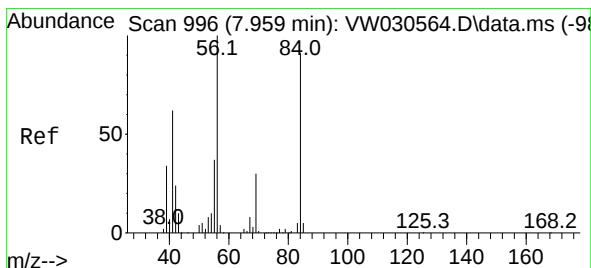
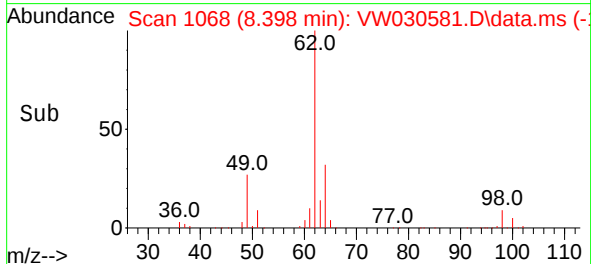
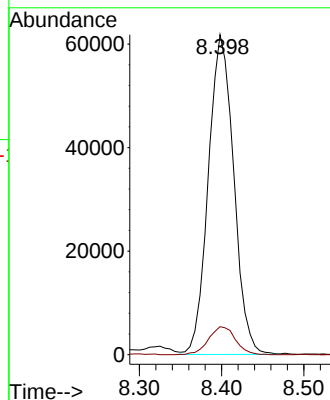
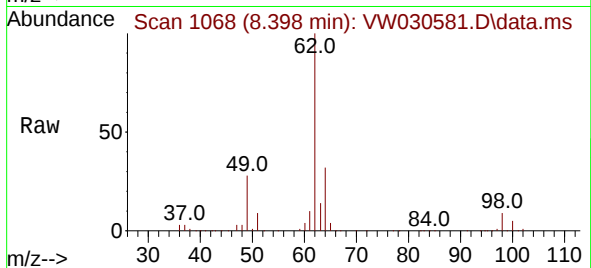
ClientSampleId :

Tgt Ion: 62 Resp: 132780

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6



#29

Cyclohexane

Concen: 11.657 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

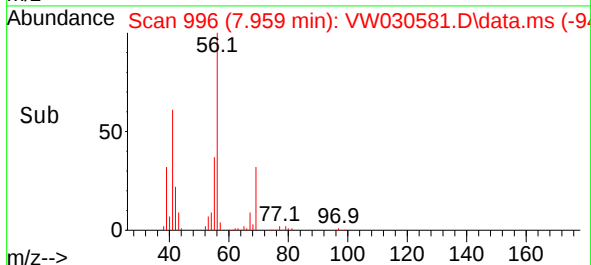
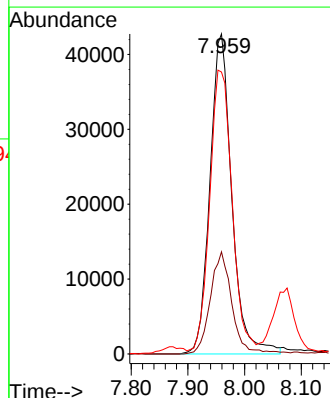
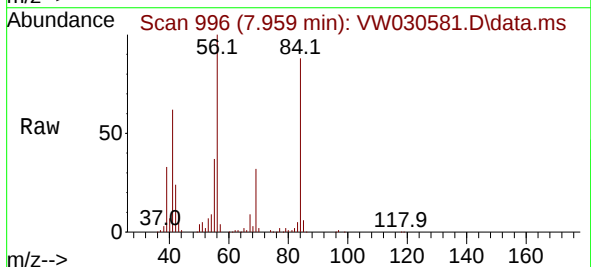
Tgt Ion: 56 Resp: 114447

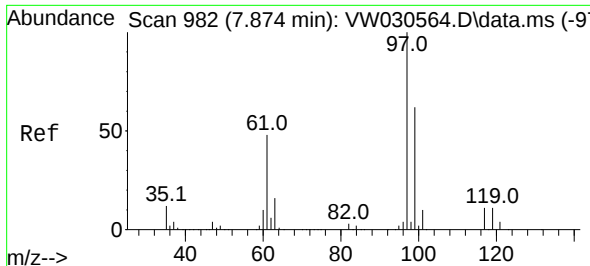
Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 91.0 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 13.277 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

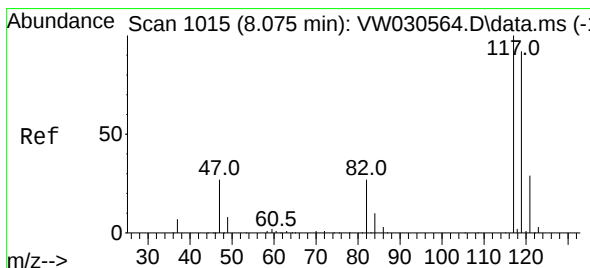
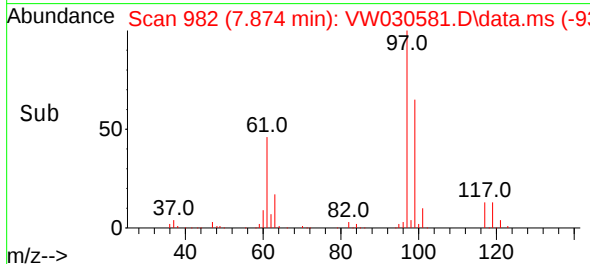
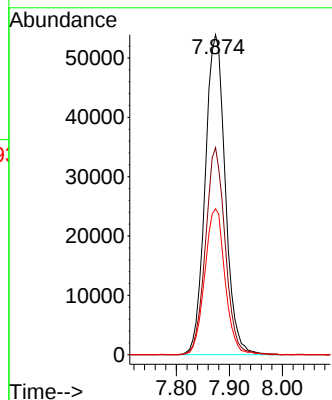
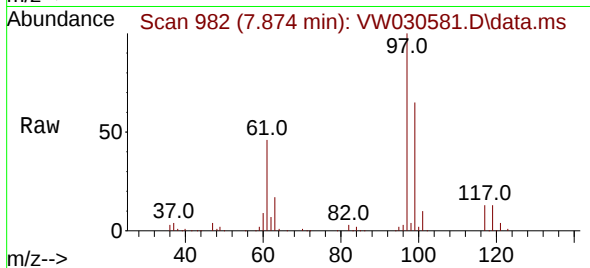
Tgt Ion: 97 Resp: 142149

Ion Ratio Lower Upper

97 100

99 63.2 52.3 78.5

61 46.0 38.5 57.7



#31

Carbon tetrachloride

Concen: 12.310 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030581.D

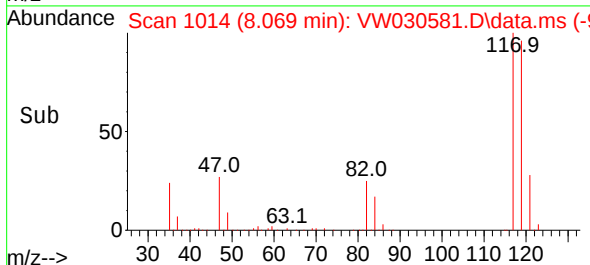
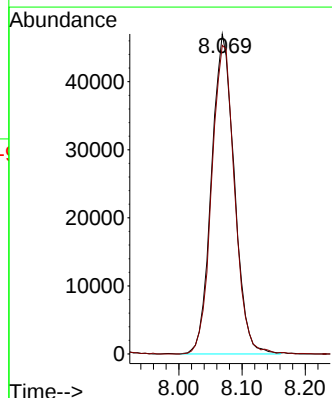
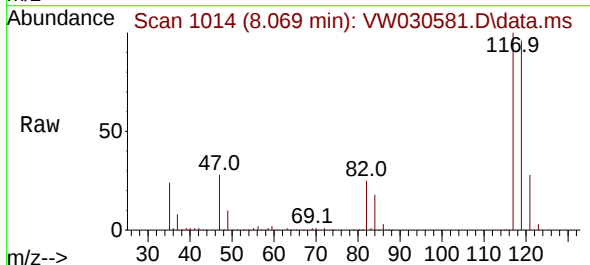
Acq: 12 Oct 2024 05:14

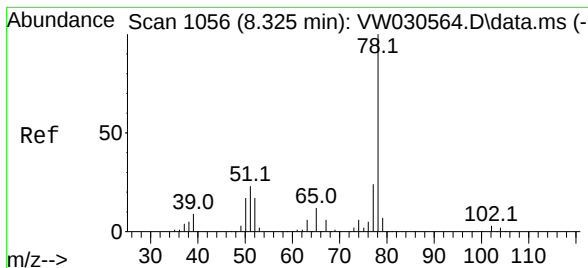
Tgt Ion: 117 Resp: 117715

Ion Ratio Lower Upper

117 100

119 96.4 77.8 116.8





#33

Benzene

Concen: 14.605 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW030581.D

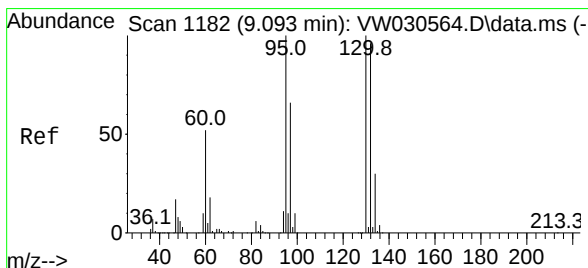
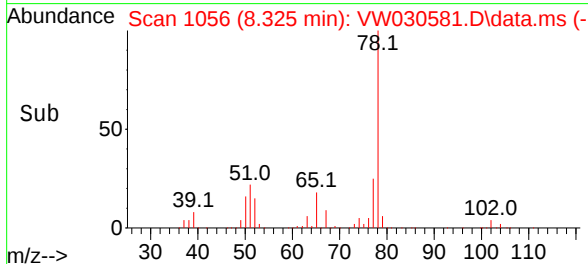
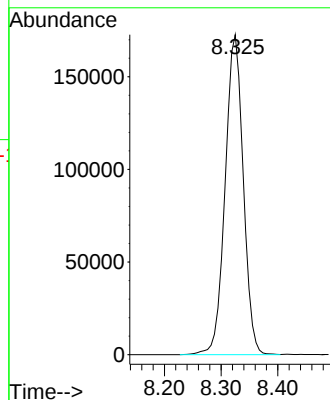
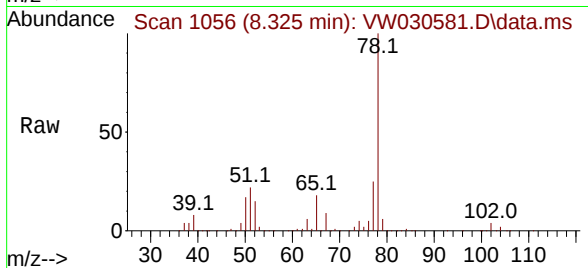
Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 383339



#34

Trichloroethene

Concen: 12.447 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Tgt Ion: 95 Resp: 90890

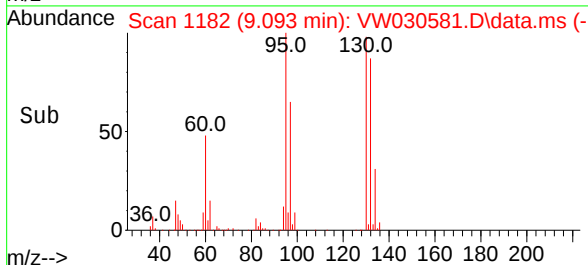
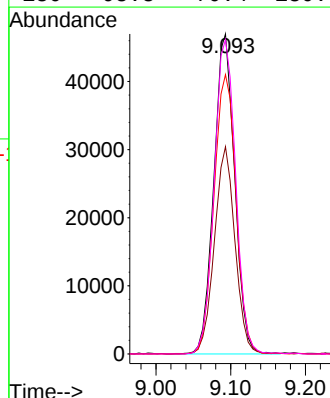
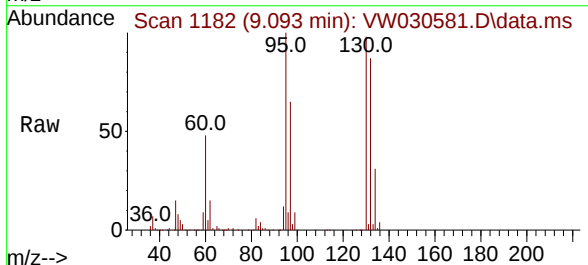
Ion Ratio Lower Upper

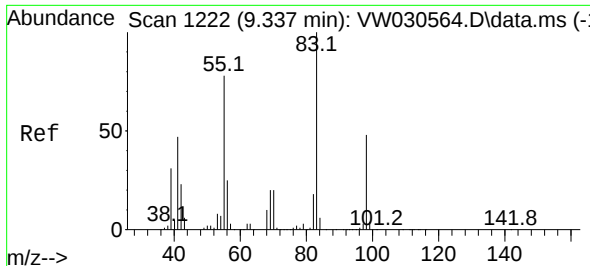
95 100

97 64.8 45.9 85.3

132 87.3 66.4 123.2

130 98.3 70.4 130.8





#35

Methylcyclohexane

Concen: 9.992 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

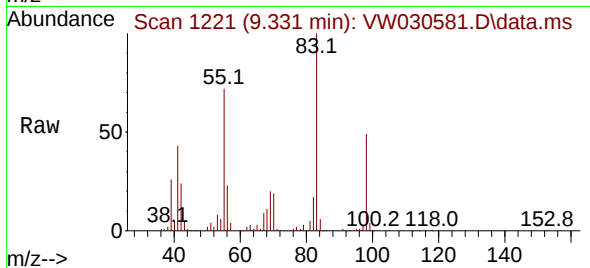
Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :



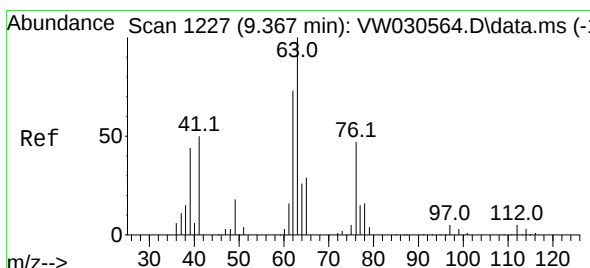
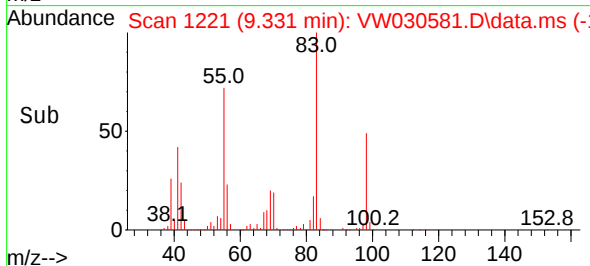
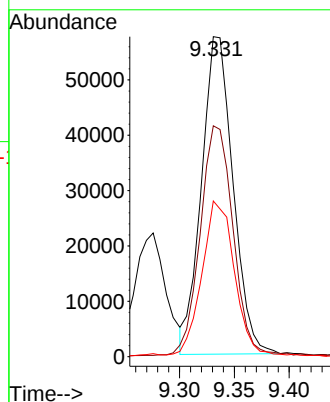
Tgt Ion: 83 Resp: 114828

Ion Ratio Lower Upper

83 100

55 76.9 61.8 92.8

98 50.1 39.3 58.9



#37

1,2-Dichloropropane

Concen: 15.485 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030581.D

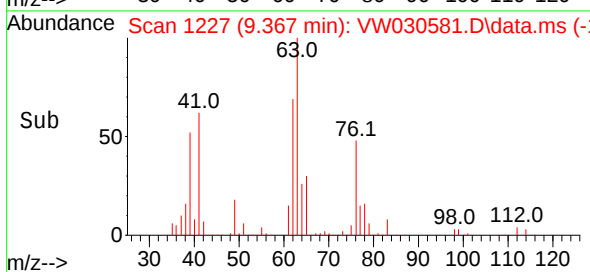
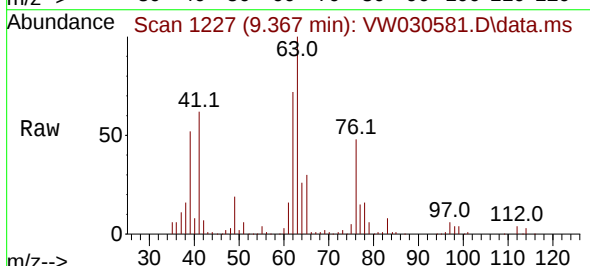
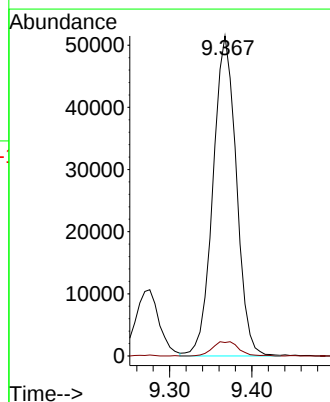
Acq: 12 Oct 2024 05:14

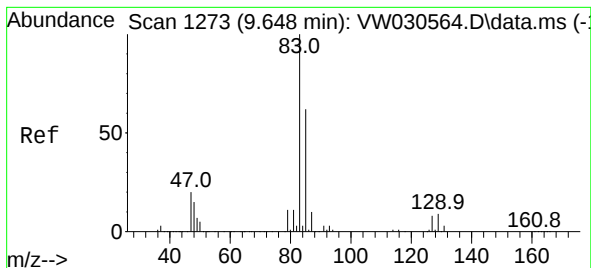
Tgt Ion: 63 Resp: 101508

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5





#38

Bromodichloromethane

Concen: 15.566 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

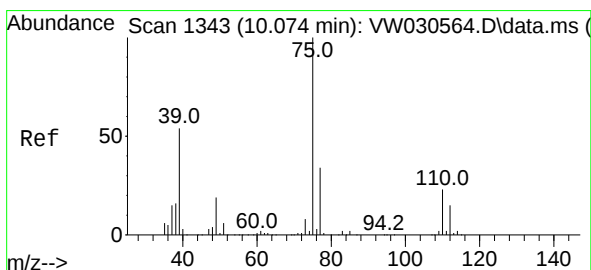
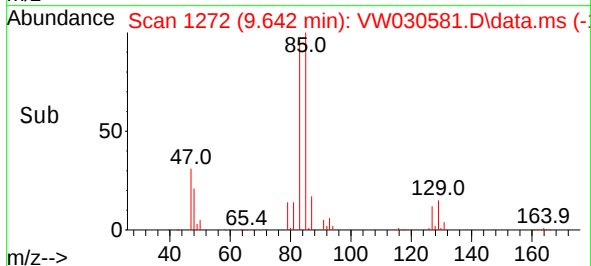
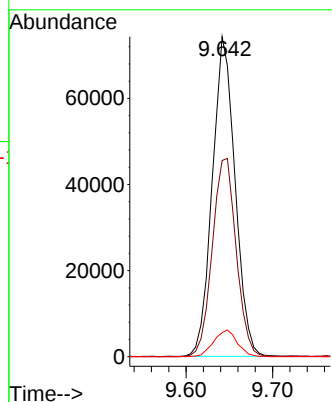
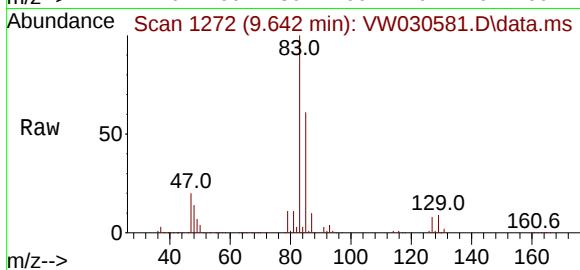
Tgt Ion: 83 Resp: 135755

Ion Ratio Lower Upper

83 100

85 61.3 44.2 82.0

127 7.5 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 15.320 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030581.D

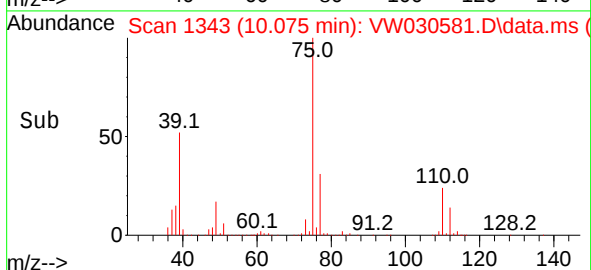
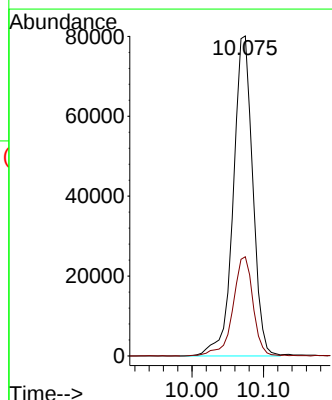
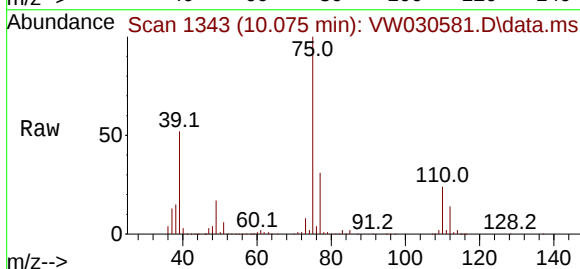
Acq: 12 Oct 2024 05:14

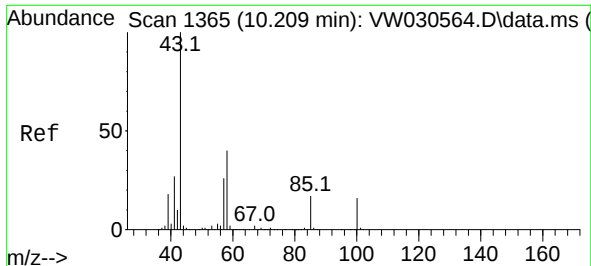
Tgt Ion: 75 Resp: 151481

Ion Ratio Lower Upper

75 100

77 31.0 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 35.089 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

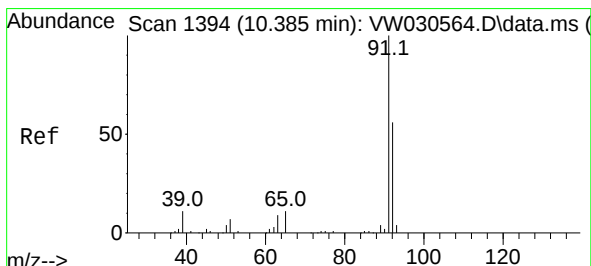
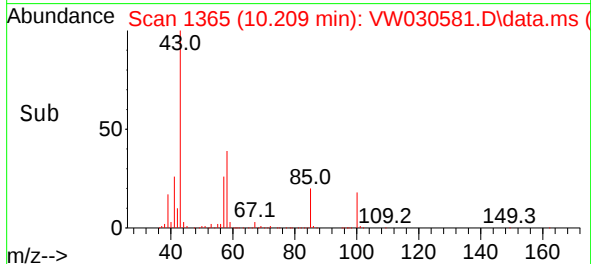
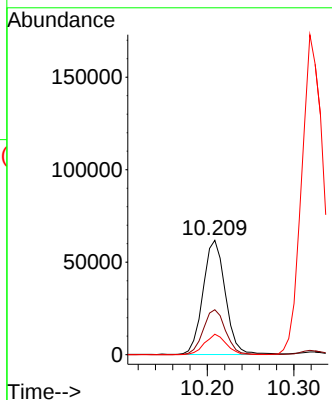
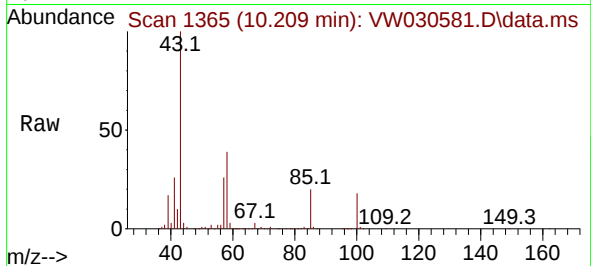
Tgt Ion: 43 Resp: 110501

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 17.3 13.1 19.7



#42

Toluene

Concen: 13.243 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030581.D

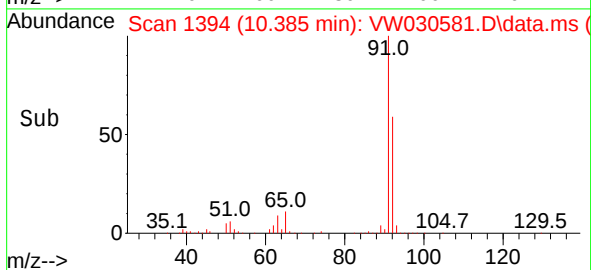
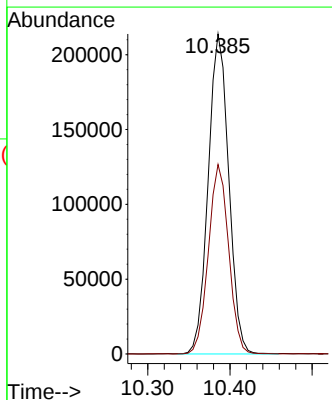
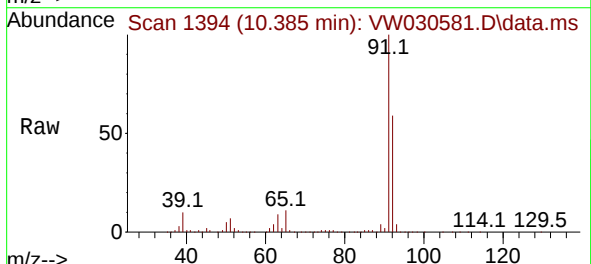
Acq: 12 Oct 2024 05:14

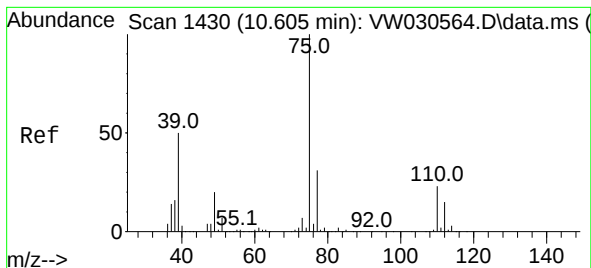
Tgt Ion: 91 Resp: 370824

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 15.609 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

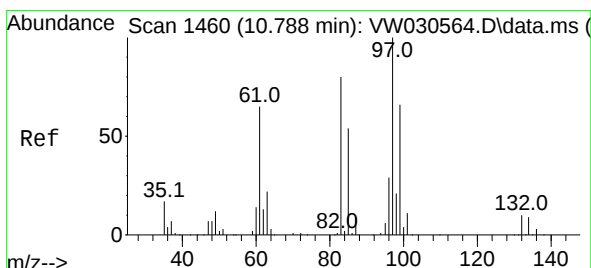
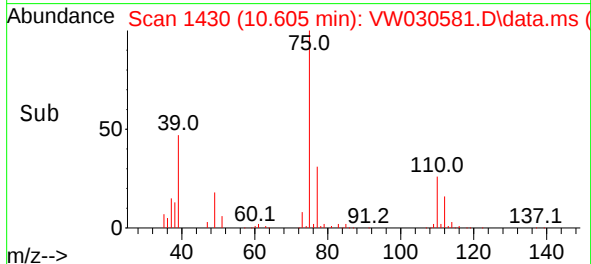
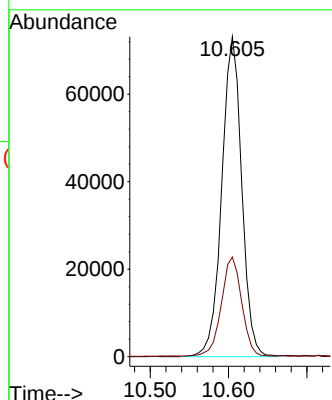
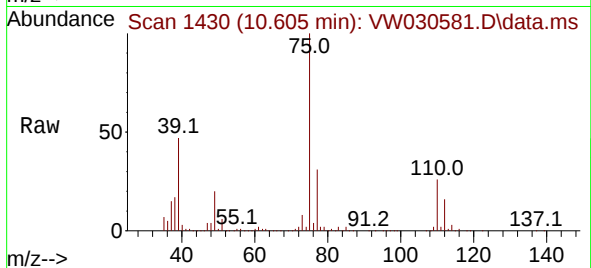
ClientSampleId :

Tgt Ion: 75 Resp: 129696

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 16.735 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Tgt Ion: 97 Resp: 79286

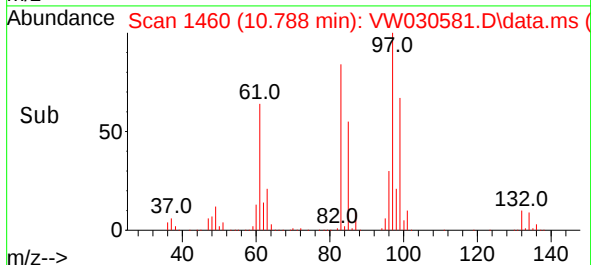
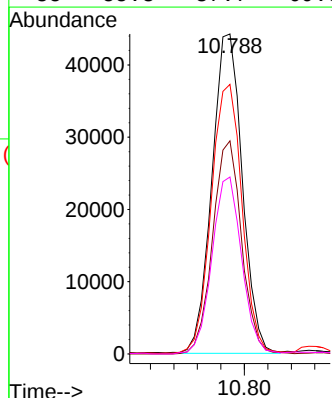
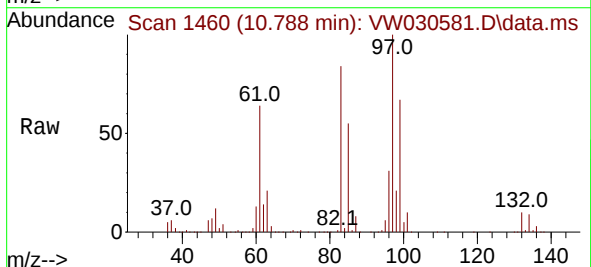
Ion Ratio Lower Upper

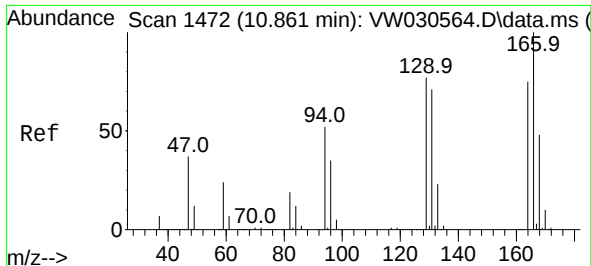
97 100

99 66.6 41.2 76.6

83 84.3 59.6 110.6

85 55.3 37.7 69.9





#46

Tetrachloroethene

Concen: 9.327 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

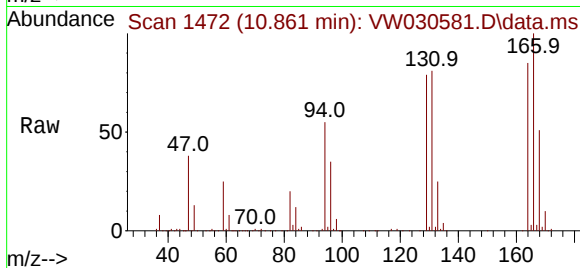
Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 50229

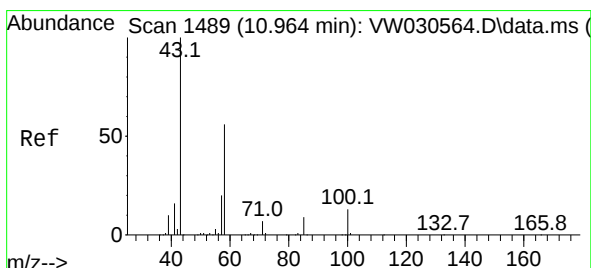
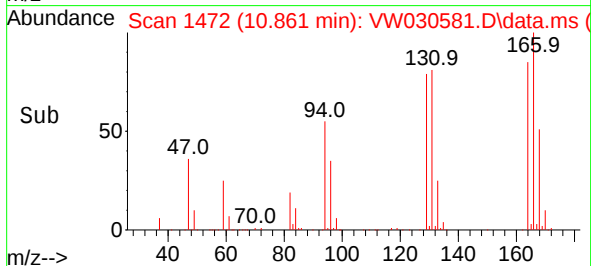
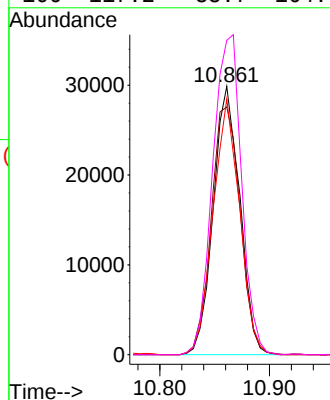
Ion Ratio Lower Upper

164 100

129 92.4 66.6 123.6

131 95.3 63.7 118.3

166 117.2 88.7 164.7



#48

2-Hexanone

Concen: 28.562 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Tgt Ion: 43 Resp: 73556

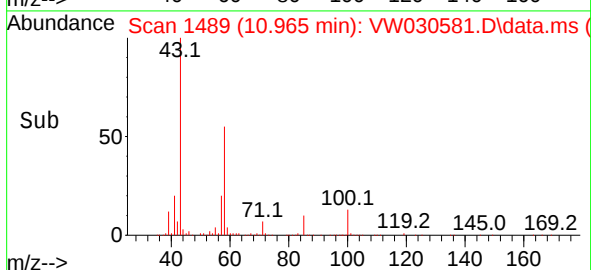
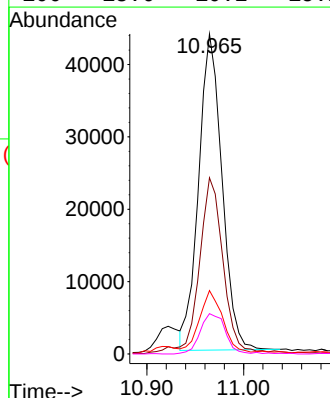
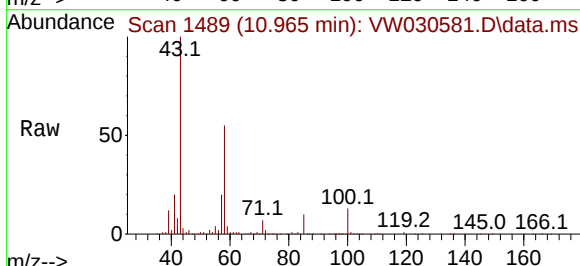
Ion Ratio Lower Upper

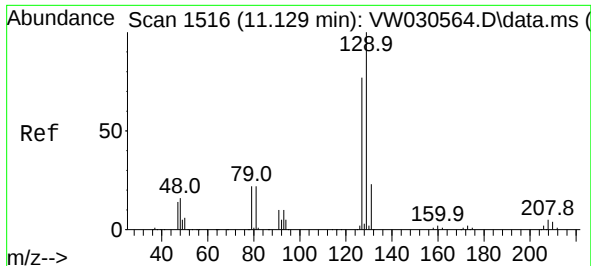
43 100

58 55.8 44.6 67.0

57 19.4 15.8 23.8

100 13.6 10.2 15.2





#49

Dibromochloromethane

Concen: 16.848 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

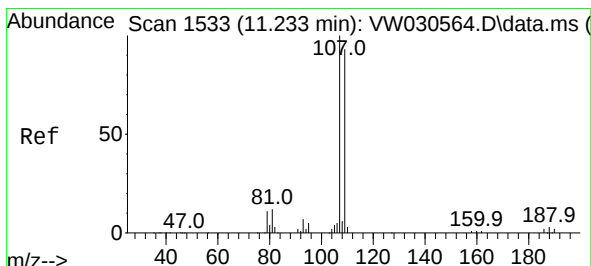
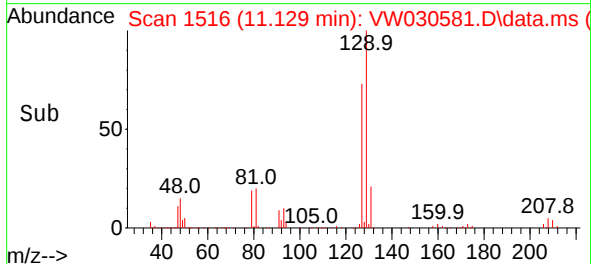
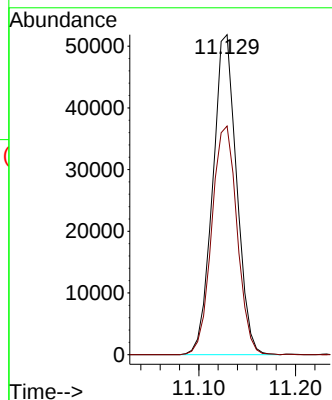
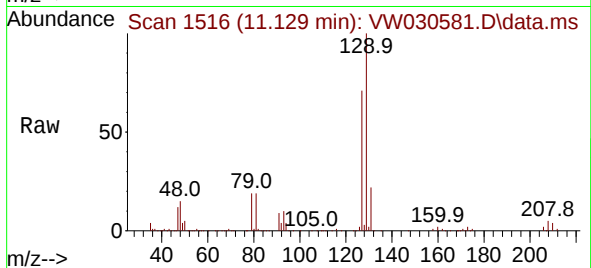
ClientSampleId :

Tgt Ion:129 Resp: 89061

Ion Ratio Lower Upper

129 100

127 71.4 56.5 104.9



#50

1,2-Dibromoethane

Concen: 17.005 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

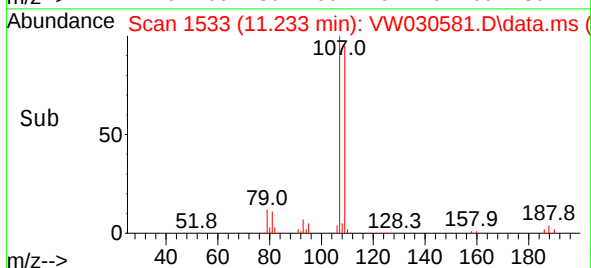
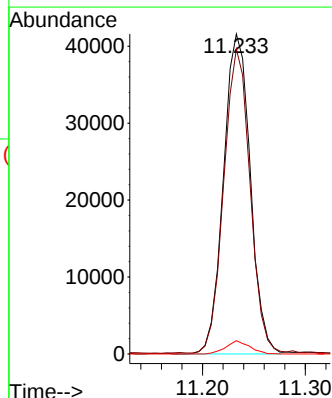
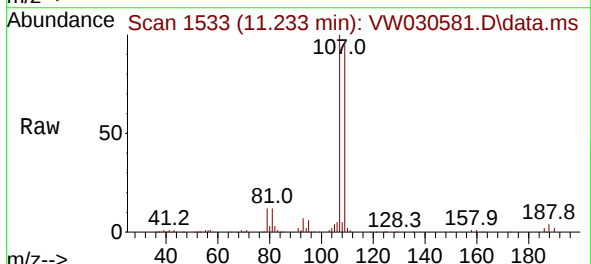
Tgt Ion:107 Resp: 75174

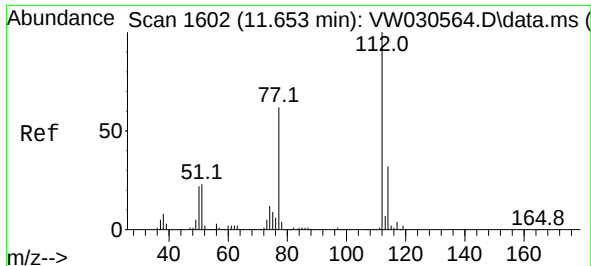
Ion Ratio Lower Upper

107 100

109 95.3 63.8 118.6

188 4.2 2.6 3.8#

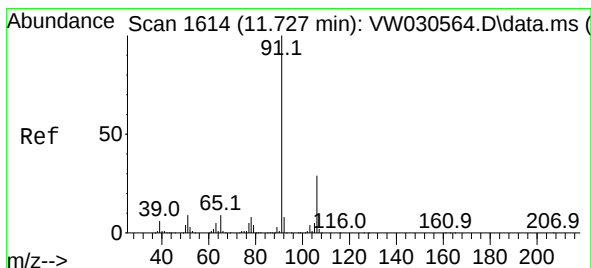
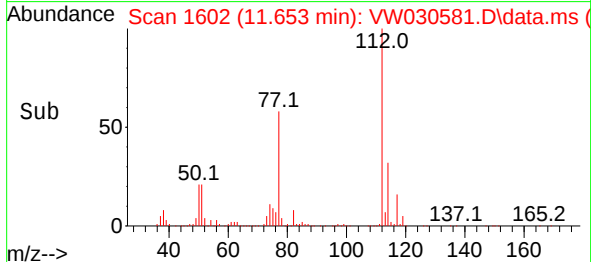
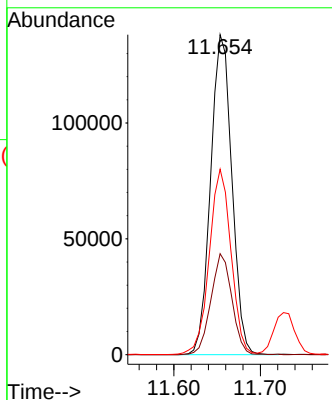
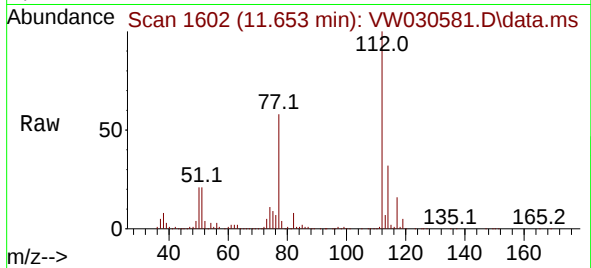




#51
Chlorobenzene
Concen: 13.061 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

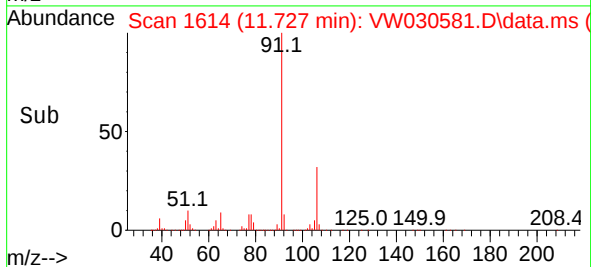
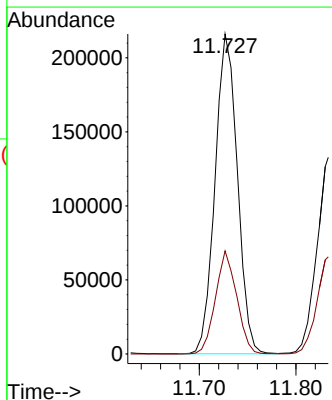
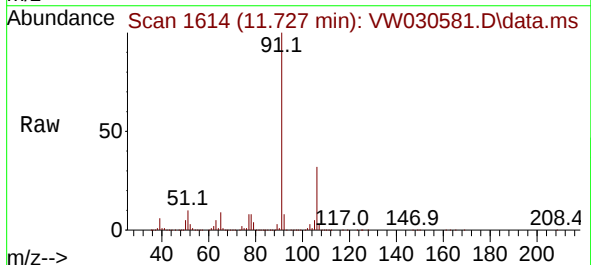
Instrument :
MSVOA_W
ClientSampleId :

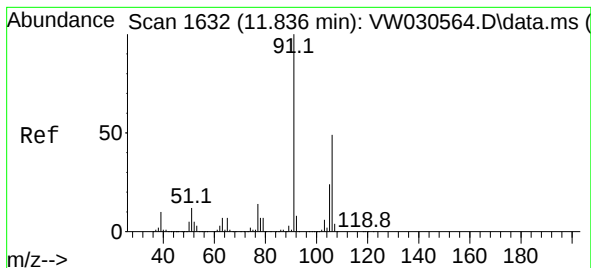
Tgt Ion:112 Resp: 235435
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 58.0 47.1 70.7



#52
Ethylbenzene
Concen: 10.824 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Tgt Ion: 91 Resp: 345843
Ion Ratio Lower Upper
91 100
106 32.2 21.1 39.1





#53

m,p-Xylene

Concen: 10.940 ug/L

RT: 11.836 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

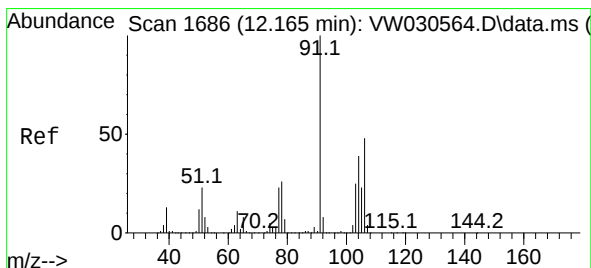
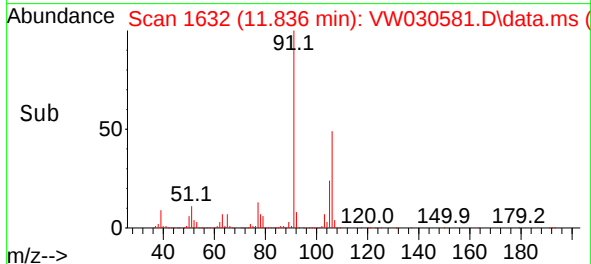
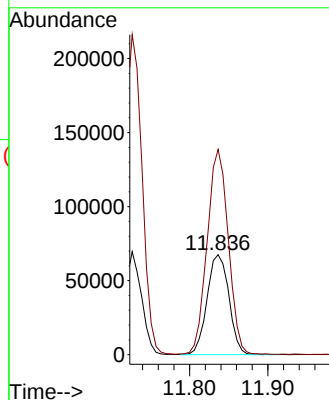
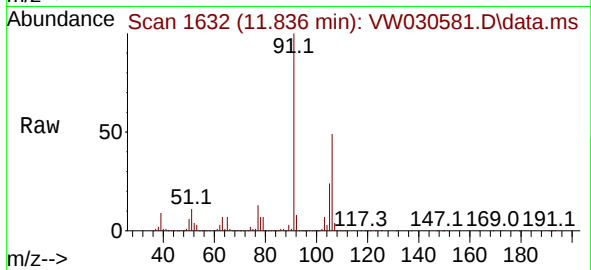
ClientSampleId :

Tgt Ion:106 Resp: 130954

Ion Ratio Lower Upper

106 100

91 205.4 140.6 261.2



#54

o-Xylene

Concen: 12.646 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW030581.D

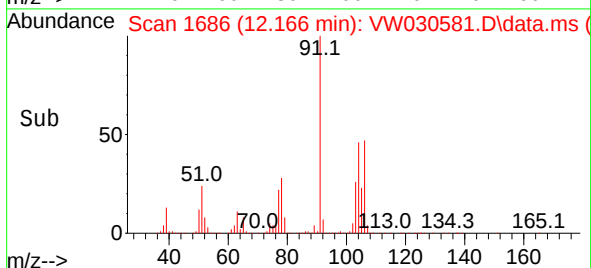
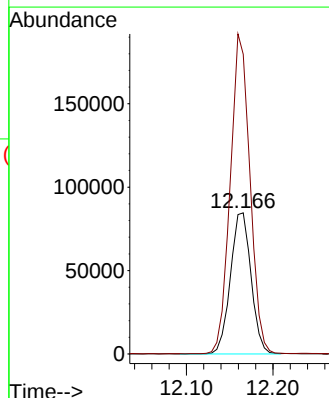
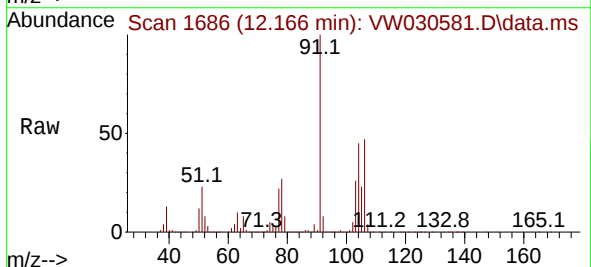
Acq: 12 Oct 2024 05:14

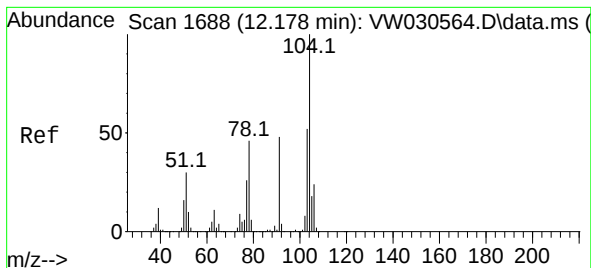
Tgt Ion:106 Resp: 139944

Ion Ratio Lower Upper

106 100

91 212.4 144.5 268.4





#55

Styrene

Concen: 12.936 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

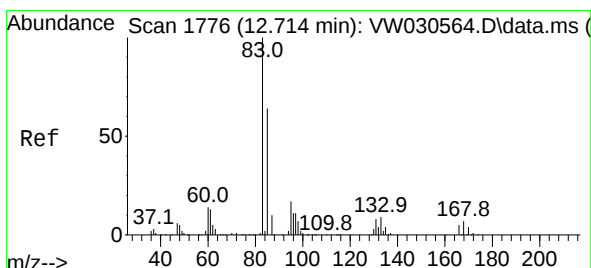
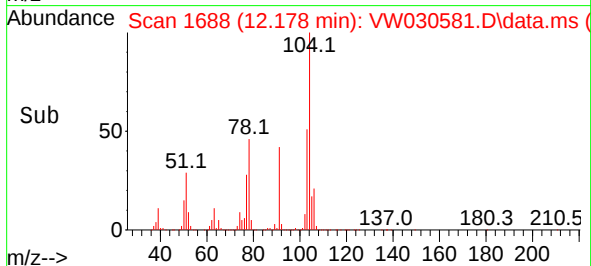
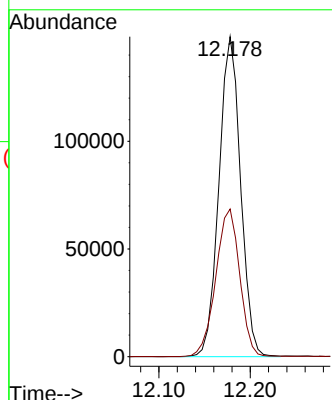
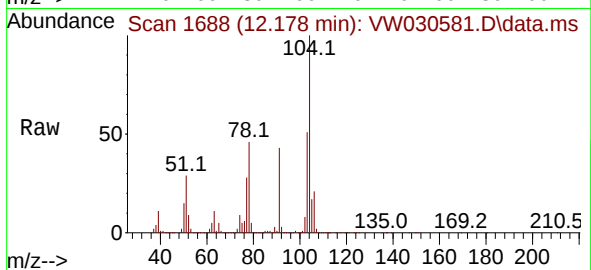
ClientSampleId :

Tgt Ion:104 Resp: 244724

Ion Ratio Lower Upper

104 100

78 46.2 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 17.248 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

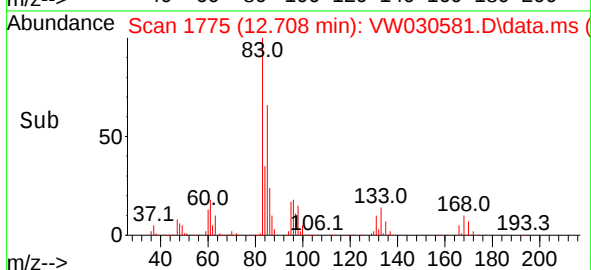
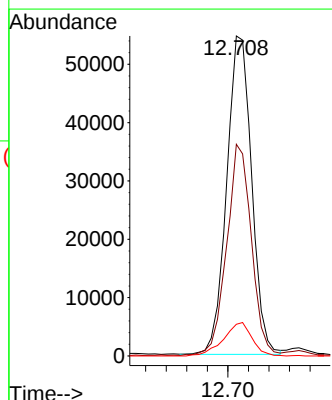
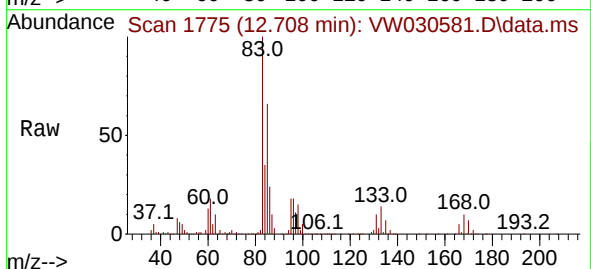
Tgt Ion: 83 Resp: 92147

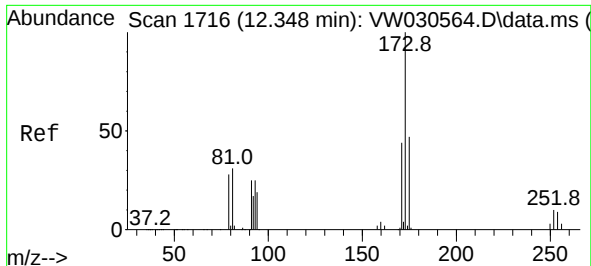
Ion Ratio Lower Upper

83 100

85 66.2 42.6 79.2

131 9.9 7.4 11.0





#59

Bromoform

Concen: 19.300 ug/L

RT: 12.342 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

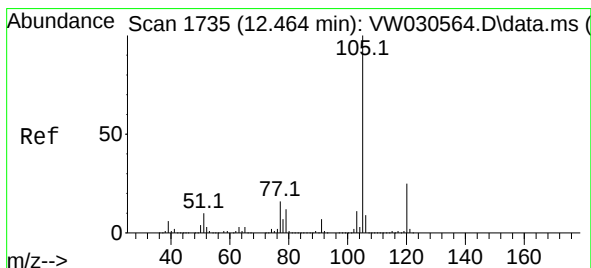
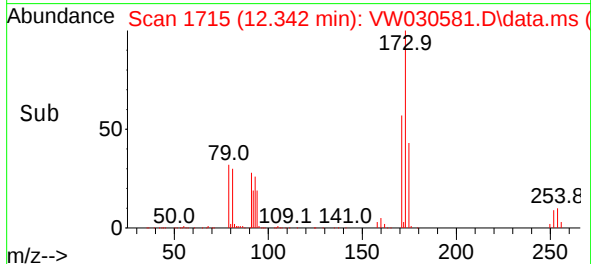
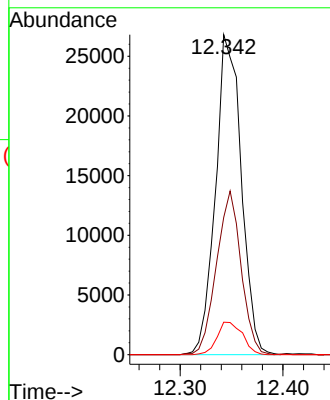
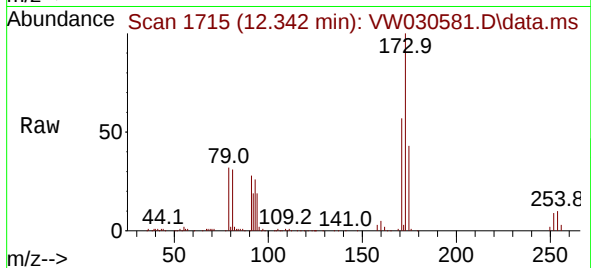
Tgt Ion:173 Resp: 46563

Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 10.1 7.7 11.5



#60

Isopropylbenzene

Concen: 10.883 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

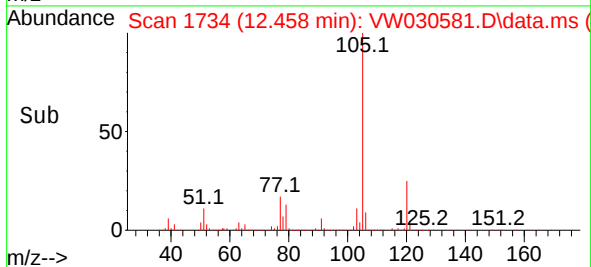
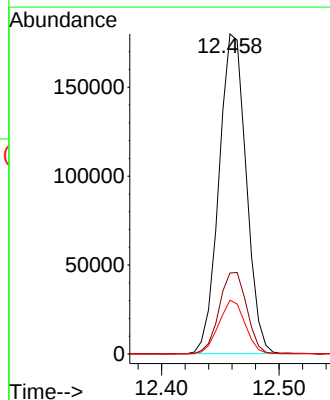
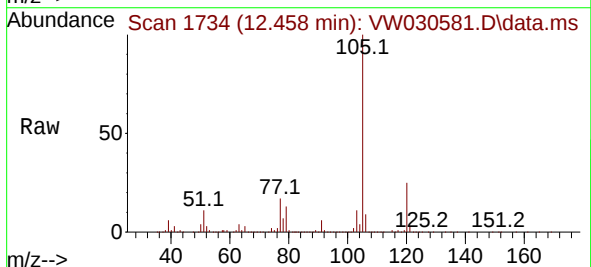
Tgt Ion:105 Resp: 289405

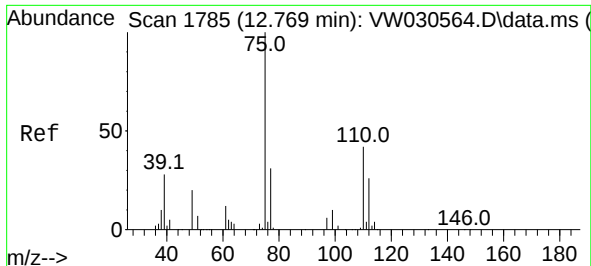
Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 16.1 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 19.463 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

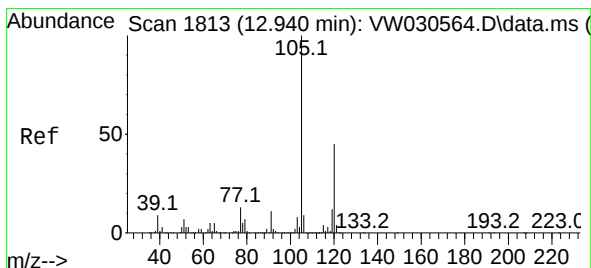
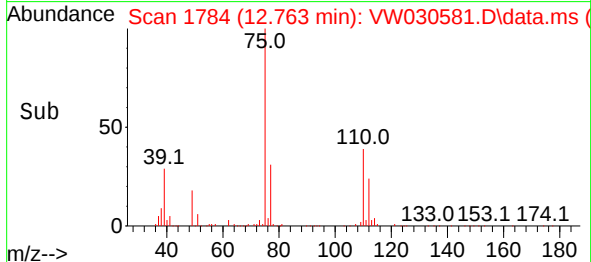
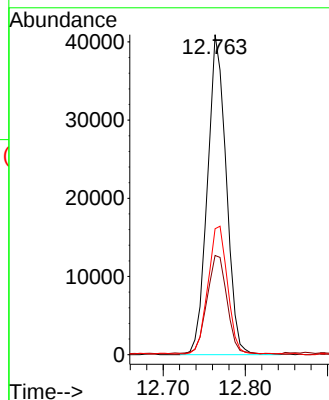
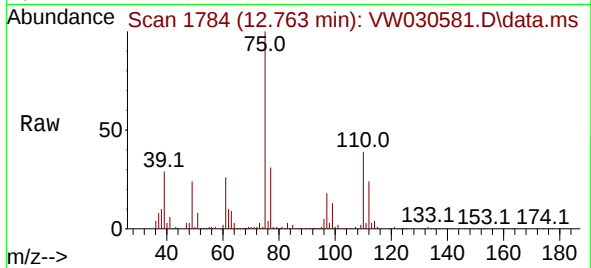
Tgt Ion: 75 Resp: 65036

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 41.4 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 11.557 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030581.D

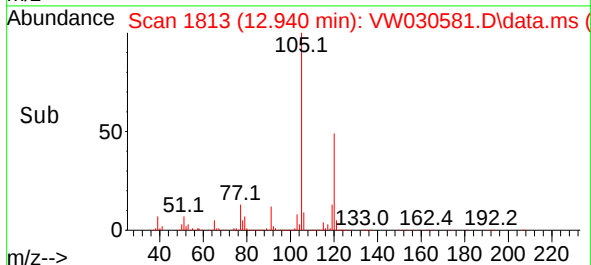
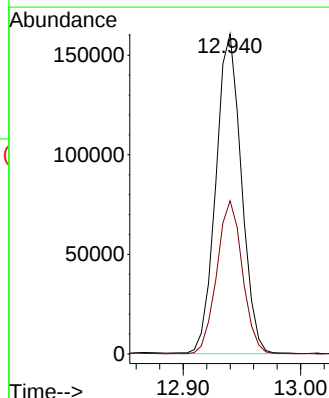
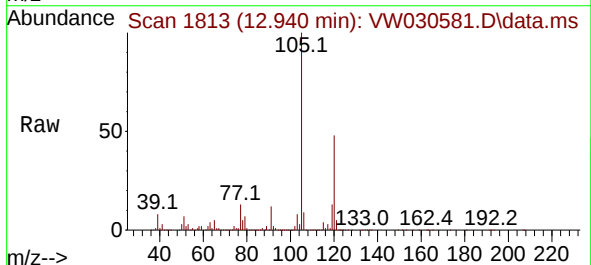
Acq: 12 Oct 2024 05:14

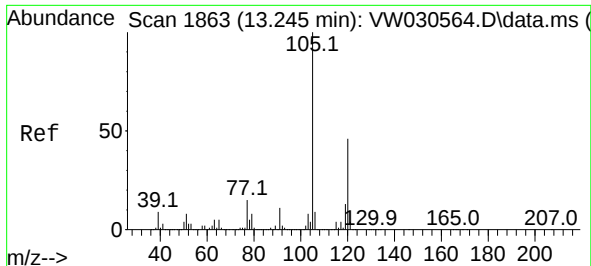
Tgt Ion:105 Resp: 242468

Ion Ratio Lower Upper

105 100

120 48.1 38.0 57.0

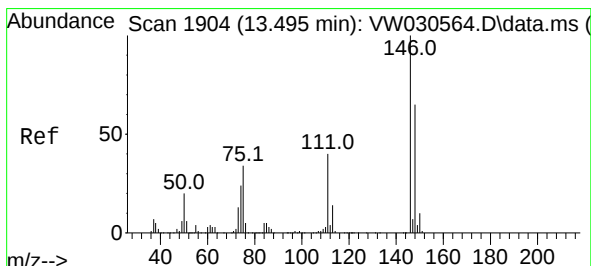
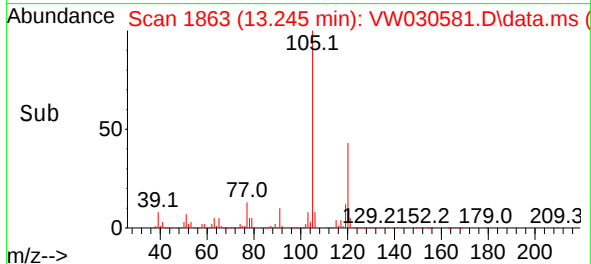
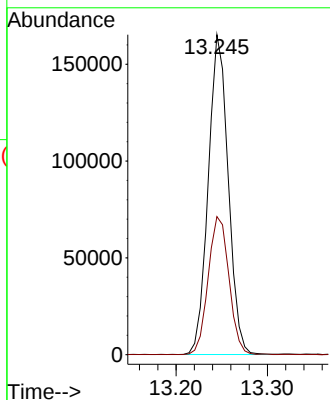
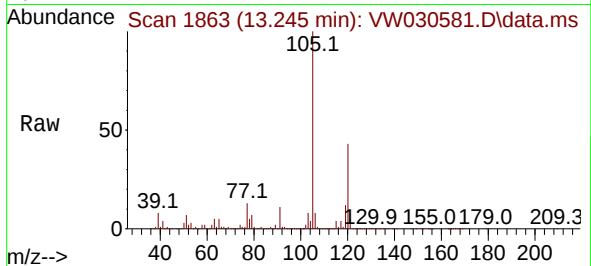




#63
1,2,4-Trimethylbenzene
Concen: 12.198 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

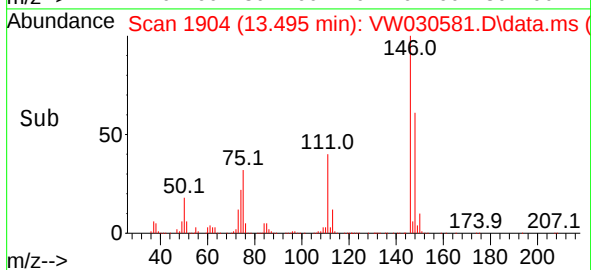
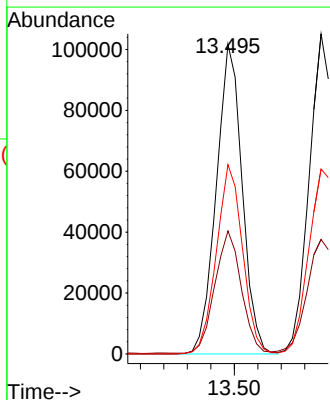
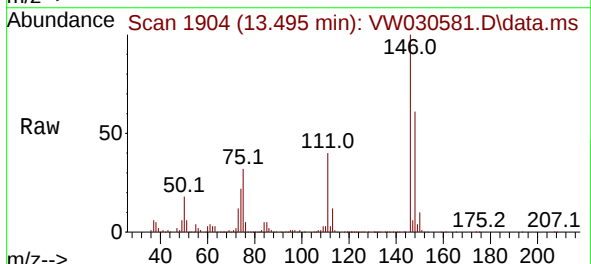
Instrument :
MSVOA_W
ClientSampleId :

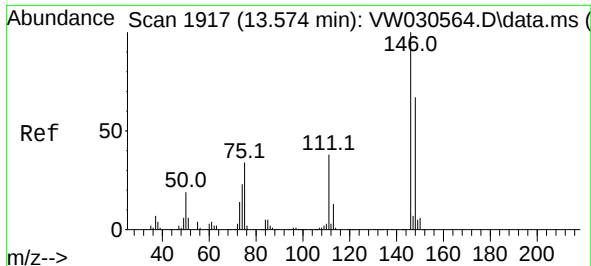
Tgt Ion:105 Resp: 250571
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.6



#64
1,3-Dichlorobenzene
Concen: 13.475 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Tgt Ion:146 Resp: 155972
Ion Ratio Lower Upper
146 100
111 39.7 31.2 58.0
148 61.1 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 13.524 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

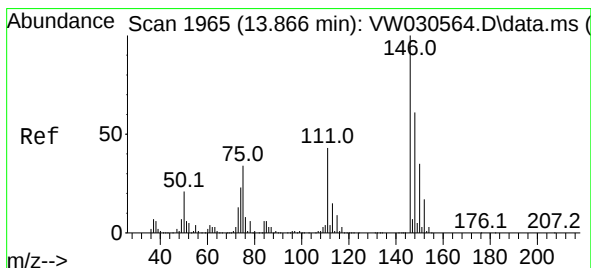
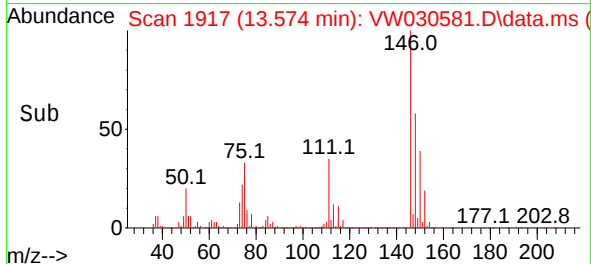
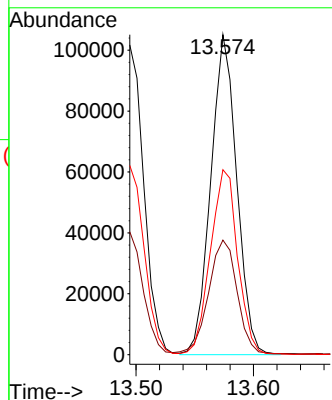
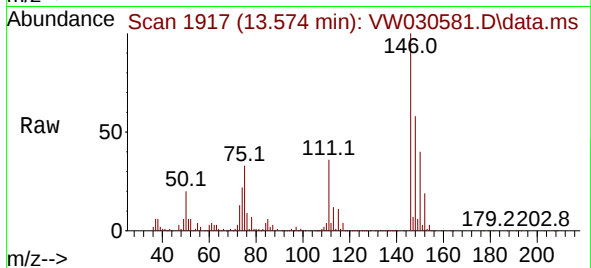
Tgt Ion:146 Resp: 161636

Ion Ratio Lower Upper

146 100

111 35.8 26.8 49.8

148 57.8 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 15.067 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

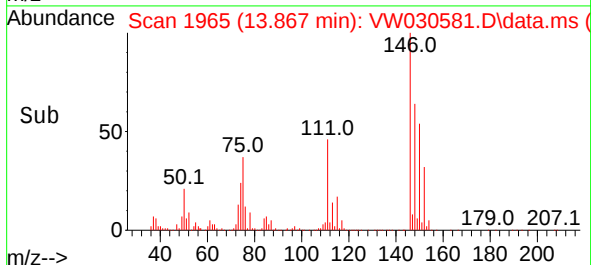
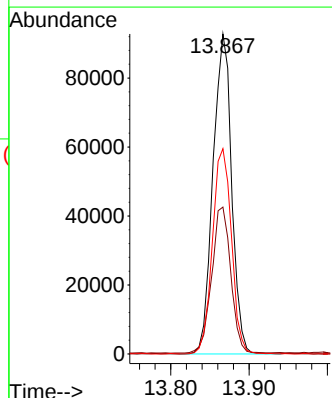
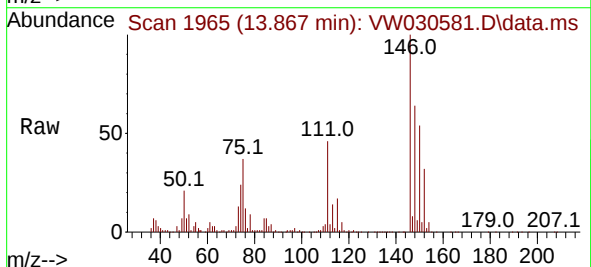
Tgt Ion:146 Resp: 153470

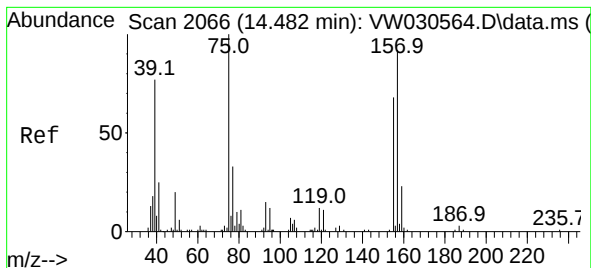
Ion Ratio Lower Upper

146 100

111 45.9 34.6 52.0

148 64.2 53.3 79.9

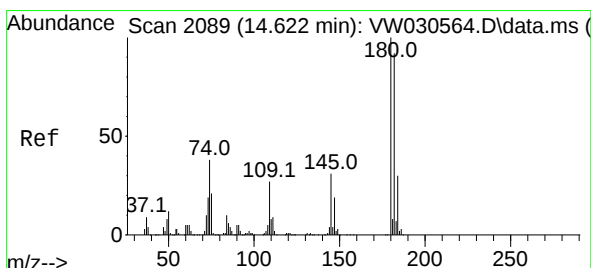
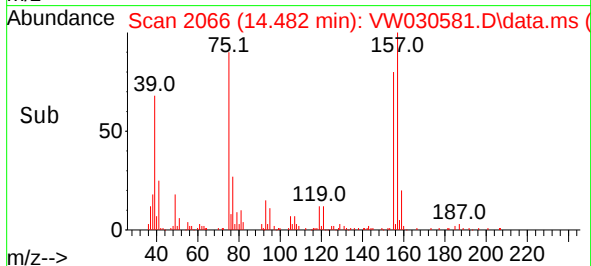
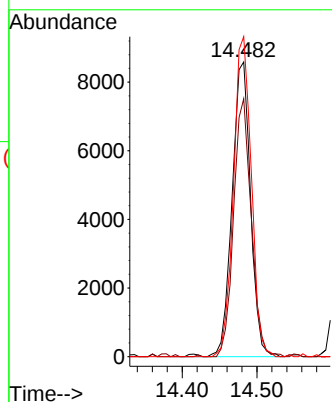
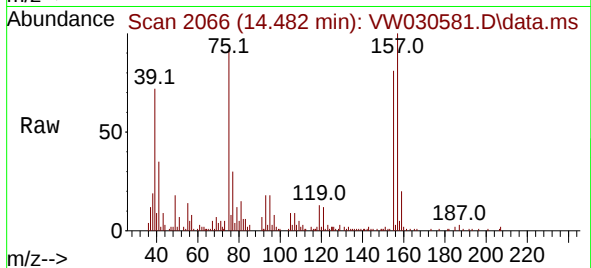




#68
1,2-Dibromo-3-chloropropane
Concen: 19.746 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

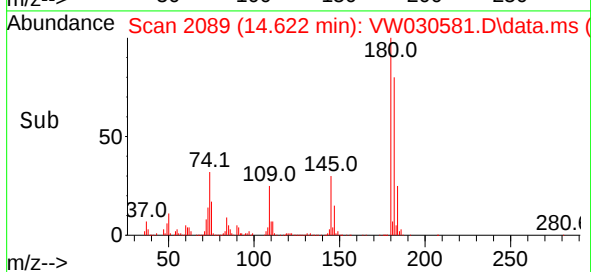
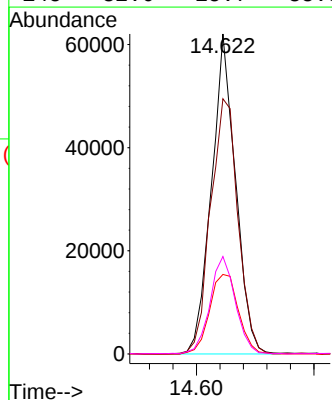
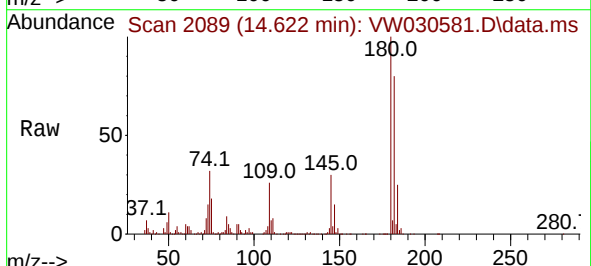
Instrument :
MSVOA_W
ClientSampleId :

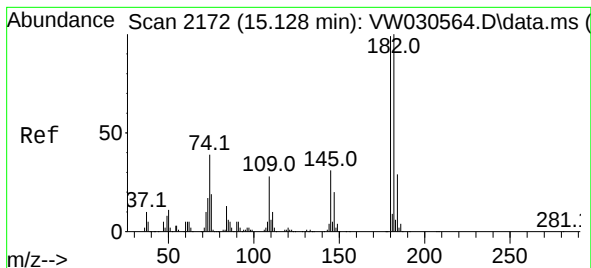
Tgt Ion: 75 Resp: 14712
Ion Ratio Lower Upper
75 100
155 87.5 57.9 86.9#
157 108.6 69.0 103.6#



#69
1,3,5-Trichlorobenzene
Concen: 11.576 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030581.D
Acq: 12 Oct 2024 05:14

Tgt Ion:180 Resp: 88358
Ion Ratio Lower Upper
180 100
182 90.7 79.9 119.9
184 29.8 25.2 37.8
145 32.0 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 14.177 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

Instrument :

MSVOA_W

ClientSampleId :

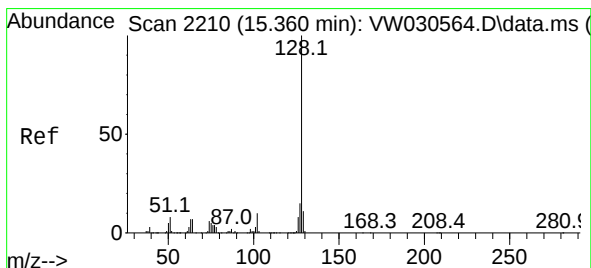
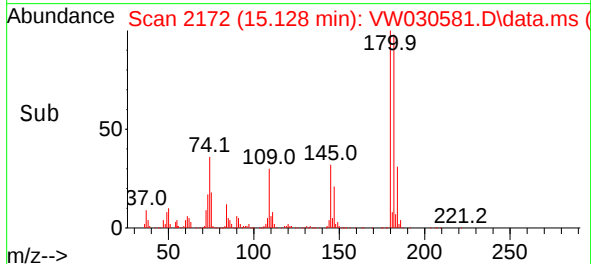
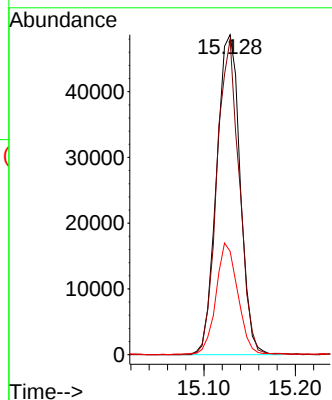
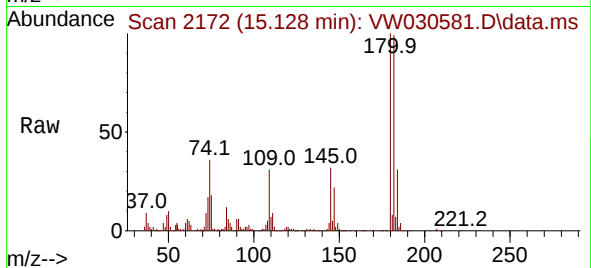
Tgt Ion:180 Resp: 87119

Ion Ratio Lower Upper

180 100

182 93.3 75.2 112.8

145 32.1 25.4 38.2



#71

Naphthalene

Concen: 22.445 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030581.D

Acq: 12 Oct 2024 05:14

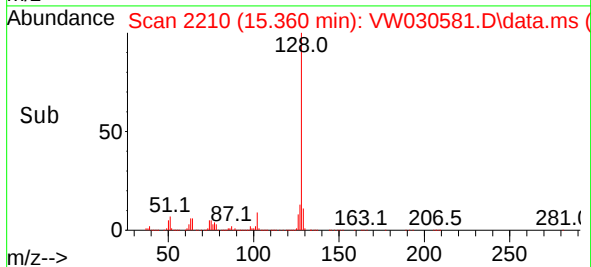
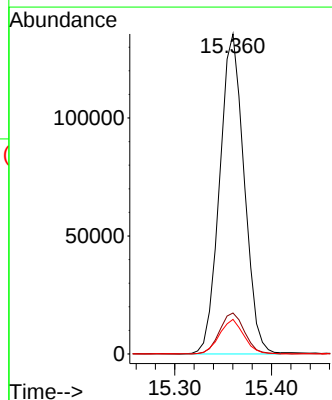
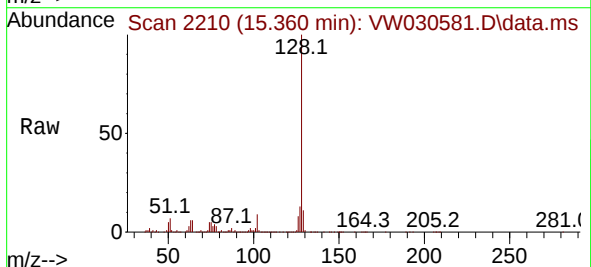
Tgt Ion:128 Resp: 238288

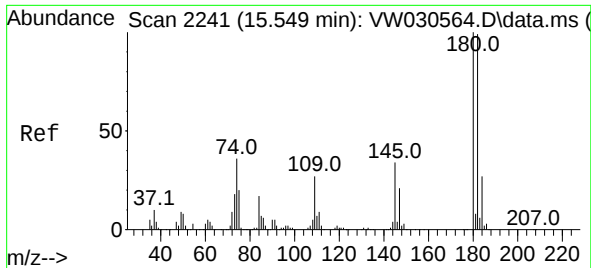
Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

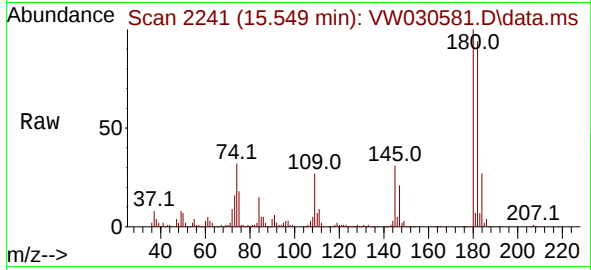
129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 16.000 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030581.D
 Acq: 12 Oct 2024 05:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	85235
Ion Ratio	Lower	Upper	
180	100		
182	91.2	76.2	114.4
145	33.4	27.4	41.2

