

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031350.D
 Acq On : 18 Dec 2024 19:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 04:06:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 00:20:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	631429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	273530	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	207240	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
7) Chloroethane-d5	2.899	69	171071	24.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	4.021	65	100003	22.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.760%
21) 2-Butanone-d5	7.094	46	105658	59.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
24) Chloroform-d	7.648	84	440201	25.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	8.301	65	238821	27.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.270	84	847409	24.223	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.270	67	257627	25.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	803229	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.575	79	114933	24.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.922	63	86342	62.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197566	30.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.440%#
66) 1,2-Dichlorobenzene-d4	13.849	152	260320	25.636	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	119203	20.889	ug/L	98
3) Chloromethane	2.216	50	139966	21.832	ug/L	98
5) Vinyl chloride	2.369	62	202031	22.740	ug/L	95
6) Bromomethane	2.790	94	135758	24.854	ug/L	98
8) Chloroethane	2.930	64	132817	25.137	ug/L	98
9) Trichlorofluoromethane	3.265	101	194362	20.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	170683	22.332	ug/L	95
12) 1,1-Dichloroethene	4.039	96	172989	22.348	ug/L	99
13) Acetone	4.161	43	102826	41.267	ug/L #	100
14) Carbon disulfide	4.387	76	496690	19.675	ug/L	100
15) Methyl Acetate	4.686	43	76745	27.118	ug/L	98
16) Methylene chloride	4.917	84	188033	23.668	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	196896	23.597	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	361177	25.892	ug/L	99
19) 1,1-Dichloroethane	6.216	63	372816	23.911	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	223162	24.720	ug/L	98
22) 2-Butanone	7.185	43	132643	43.934	ug/L	96
23) Bromochloromethane	7.514	128	95586	26.549	ug/L	88
25) Chloroform	7.673	83	397797	25.850	ug/L	98

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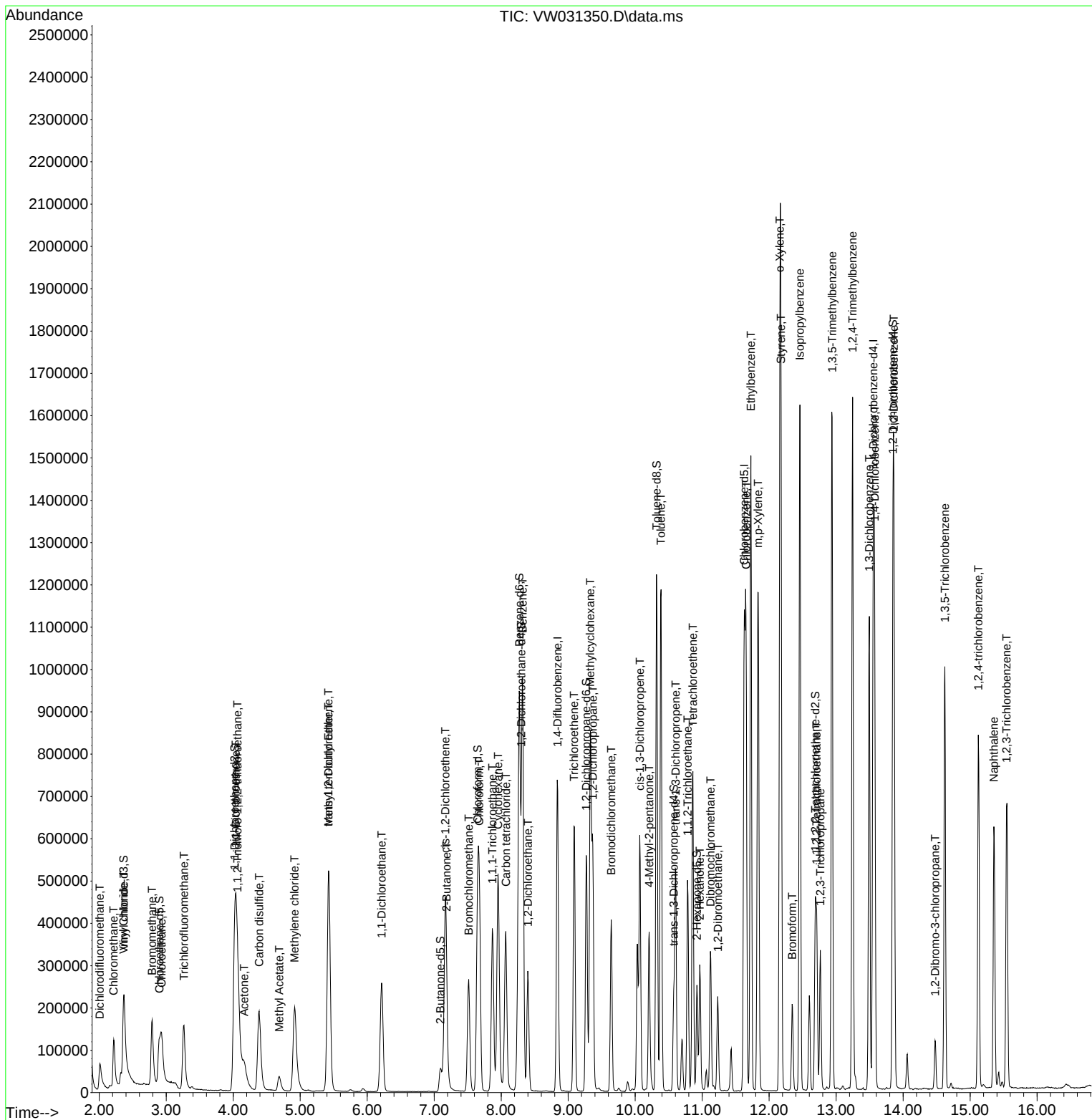
Instrument :
 MSVOA_W
 ClientSampleId :

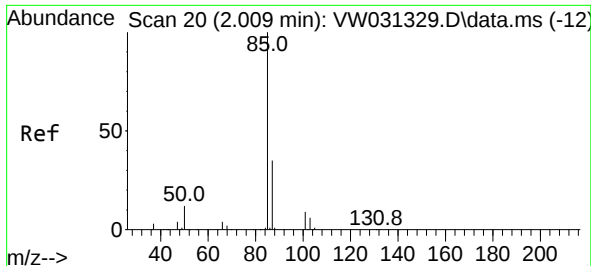
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 00:20:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	261100	26.989	ug/L	98
29) Cyclohexane	7.953	56	299233	20.216	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	313118	22.195	ug/L	99
31) Carbon tetrachloride	8.069	117	283198	22.532	ug/L	100
33) Benzene	8.319	78	818067	24.254	ug/L	100
34) Trichloroethene	9.087	95	224739	23.601	ug/L	93
35) Methylcyclohexane	9.331	83	356771	21.514	ug/L	97
37) 1,2-Dichloropropane	9.368	63	210221	24.984	ug/L	100
38) Bromodichloromethane	9.642	83	268224	24.520	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	343698	24.172	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	247104	55.352	ug/L	99
42) Toluene	10.386	91	878795	23.930	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286076	24.641	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	155712	27.822	ug/L	96
46) Tetrachloroethene	10.861	164	165100	23.670	ug/L	96
48) 2-Hexanone	10.965	43	186688	49.170	ug/L	97
49) Dibromochloromethane	11.123	129	171242	25.812	ug/L	92
50) 1,2-Dibromoethane	11.233	107	150619	28.409	ug/L	99
51) Chlorobenzene	11.654	112	576049	25.019	ug/L	99
52) Ethylbenzene	11.727	91	1029167	24.181	ug/L	96
53) m,p-Xylene	11.837	106	390403	24.095	ug/L	97
54) o-Xylene	12.160	106	377728	24.737	ug/L	95
55) Styrene	12.178	104	642140	25.281	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	177461	29.413	ug/L	98
59) Bromoform	12.343	173	90967	23.673	ug/L	100
60) Isopropylbenzene	12.459	105	1041012	23.256	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	131196	28.030	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	875687	23.075	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	862920	23.526	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	443060	24.430	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	441567	24.574	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	386159	24.712	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	30592	25.755	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	293689	23.122	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	265202	25.100	ug/L	94
71) Naphthalene	15.354	128	538204	29.055	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	214619	25.211	ug/L	93

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

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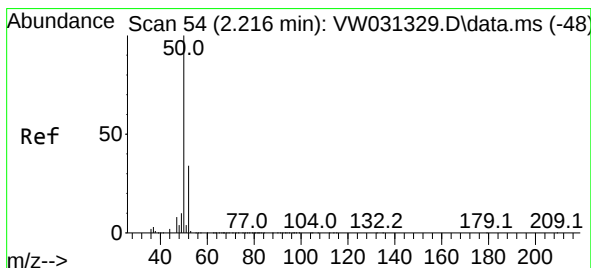
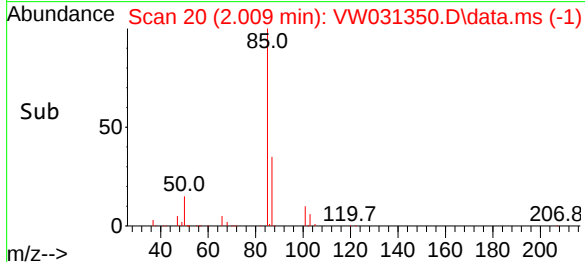
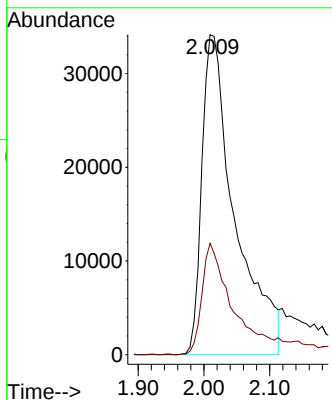
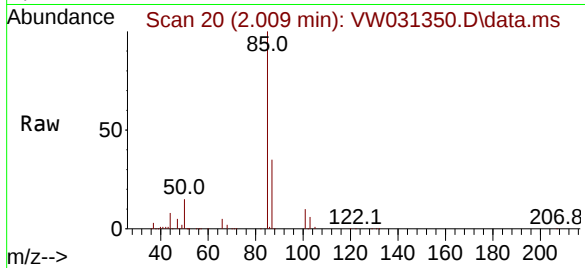




#2
 Dichlorodifluoromethane
 Concen: 20.889 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

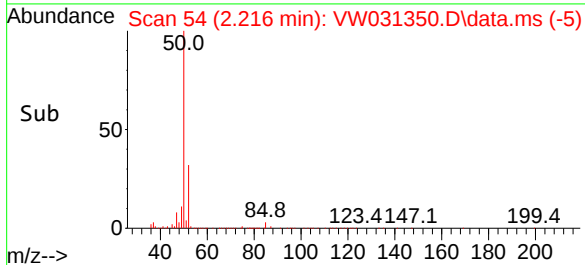
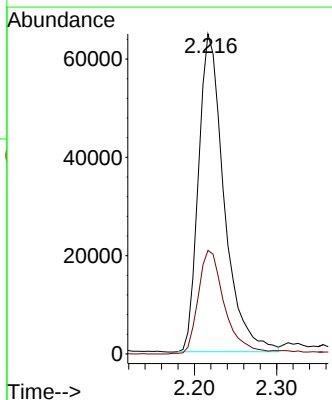
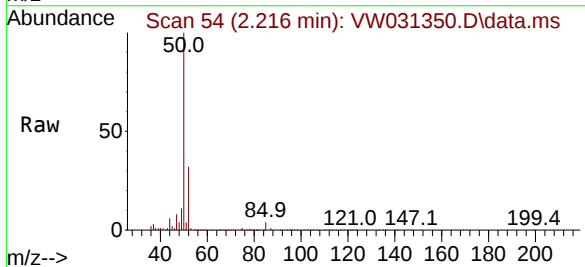
Instrument :
 MSVOA_W
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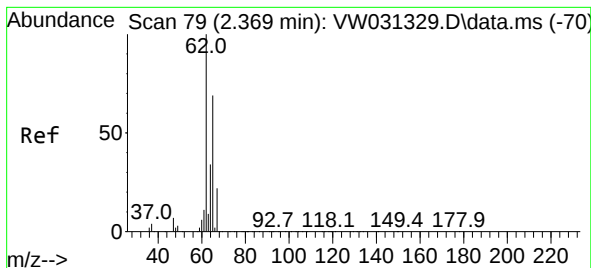
Tgt Ion: 85 Resp: 119203
 Ion Ratio Lower Upper
 85 100
 87 32.0 24.9 37.3



#3
 Chloromethane
 Concen: 21.832 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

Tgt Ion: 50 Resp: 139966
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.0 41.0





#5

Vinyl chloride

Concen: 22.740 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

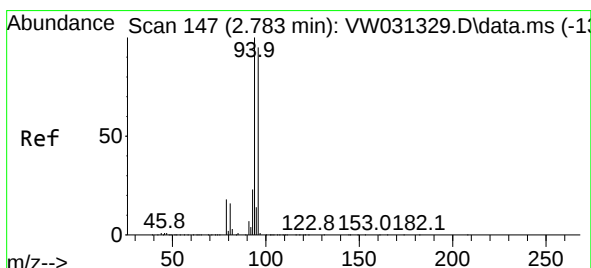
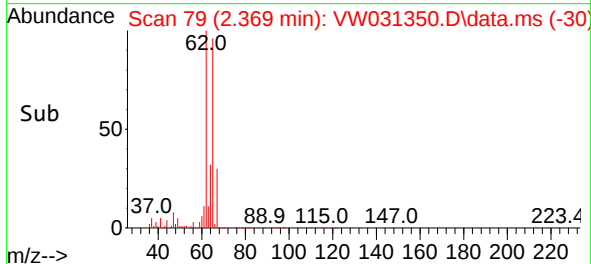
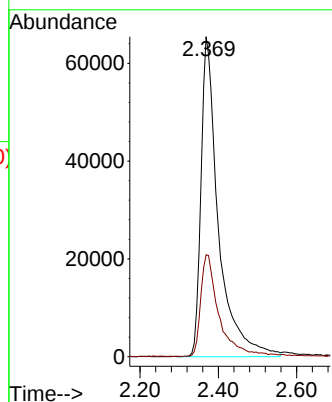
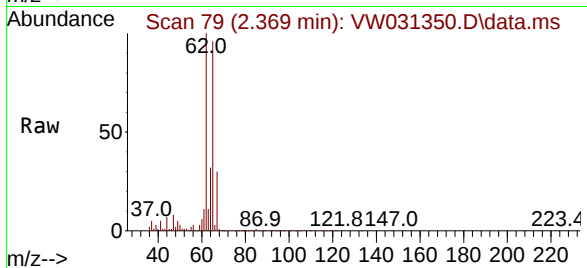
ClientSampleId :

Tgt Ion: 62 Resp: 202031

Ion Ratio Lower Upper

62 100

64 31.9 24.1 44.8



#6

Bromomethane

Concen: 24.854 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW031350.D

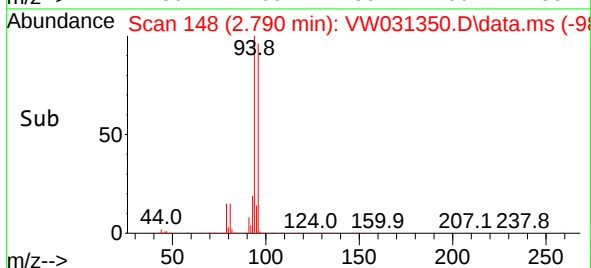
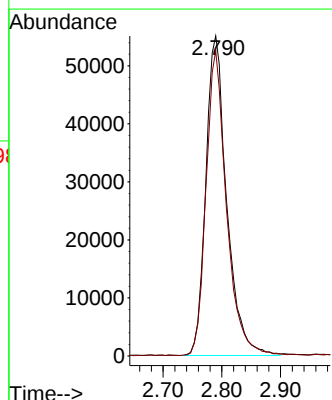
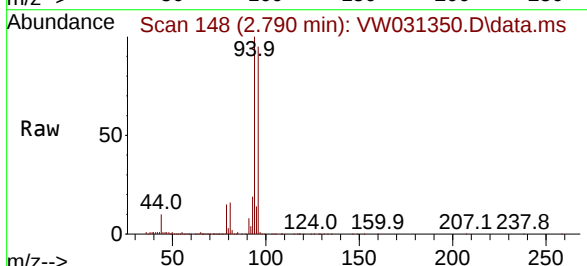
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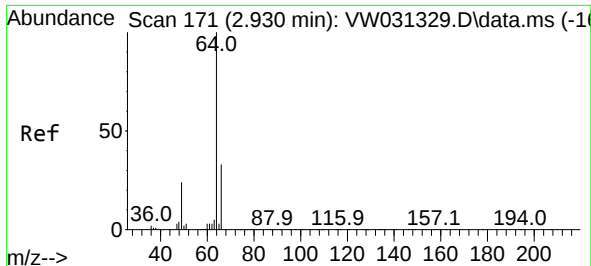
Tgt Ion: 94 Resp: 135758

Ion Ratio Lower Upper

94 100

96 95.4 65.6 121.8

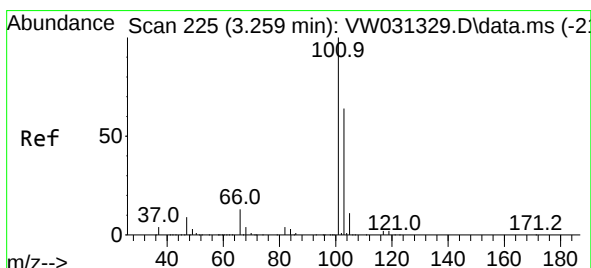
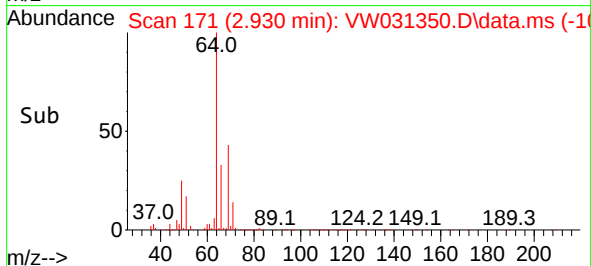
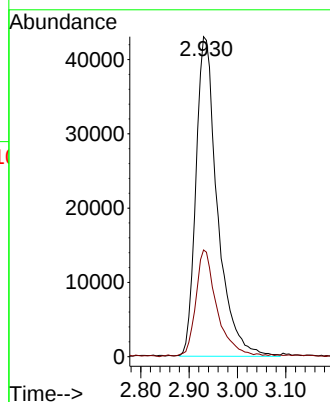
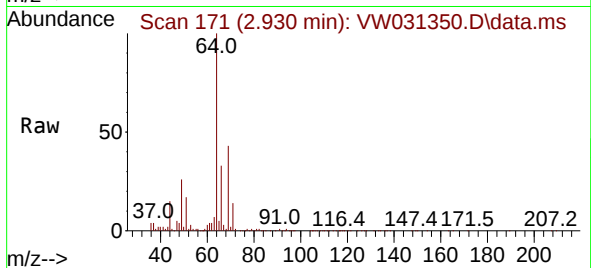




#8
Chloroethane
Concen: 25.137 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

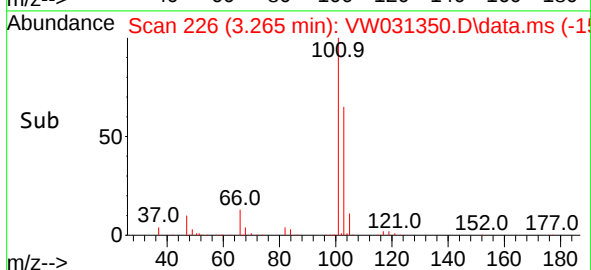
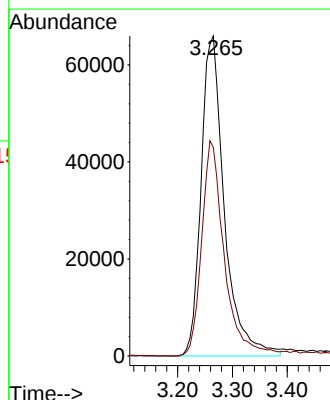
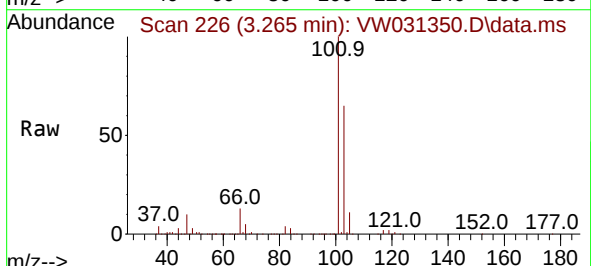
Instrument :
MSVOA_W
ClientSampleId :

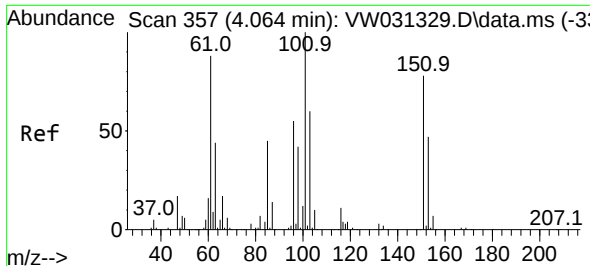
Tgt Ion: 64 Resp: 132817
Ion Ratio Lower Upper
64 100
66 33.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 20.535 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 101 Resp: 194362
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

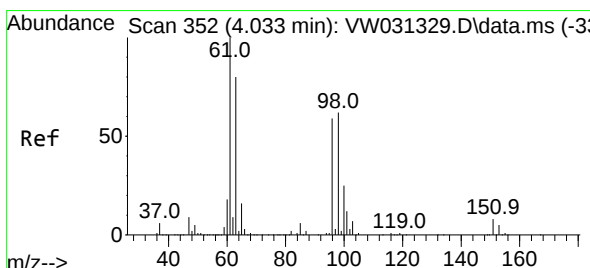
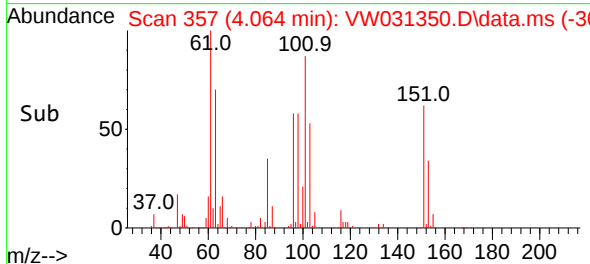
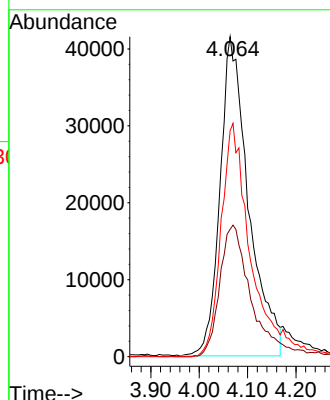
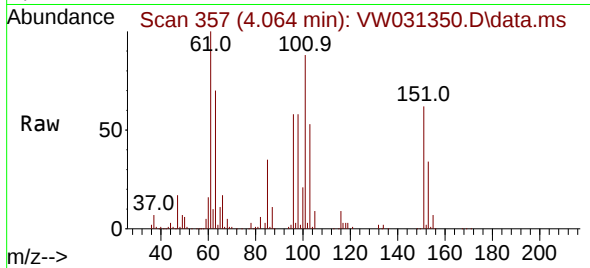




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.332 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

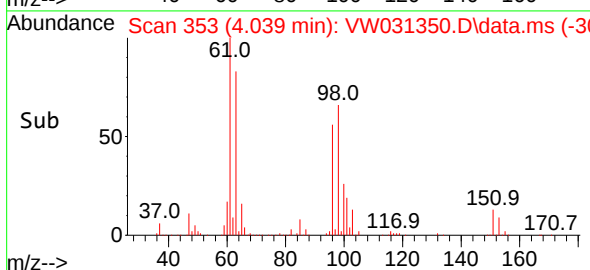
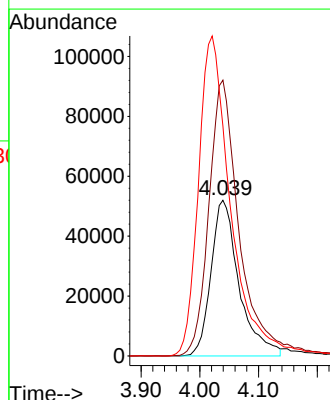
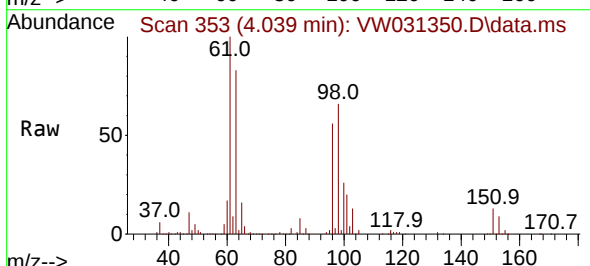
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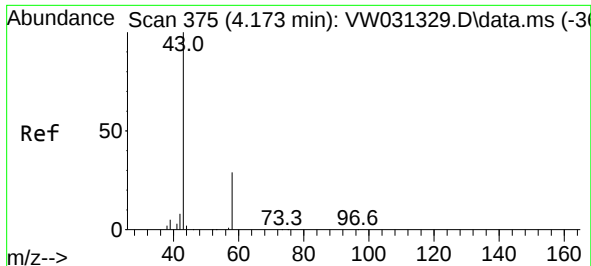
Tgt Ion:	101	Resp:	170683
Ion	Ratio	Lower	Upper
101	100		
85	44.6	33.0	49.4
151	71.7	54.8	82.2



#12
 1,1-Dichloroethene
 Concen: 22.348 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

Tgt Ion:	96	Resp:	172989
Ion	Ratio	Lower	Upper
96	100		
61	177.1	125.3	232.7
63	147.6	104.6	194.2

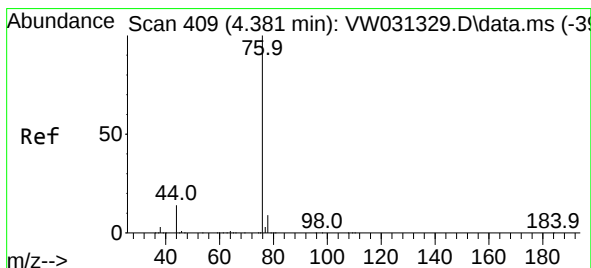
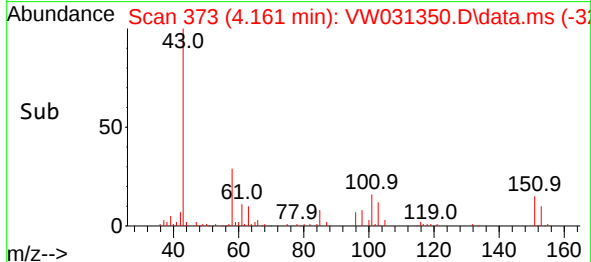
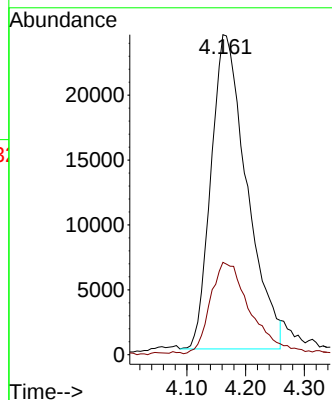
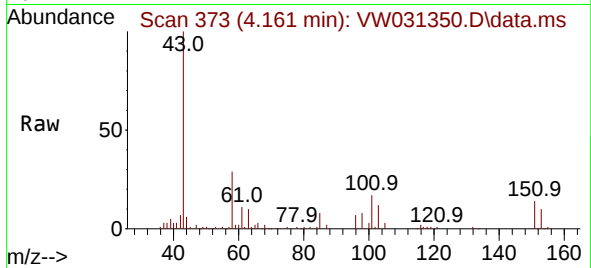




#13
Acetone
Concen: 41.267 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

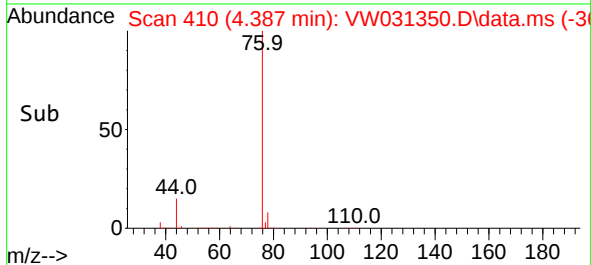
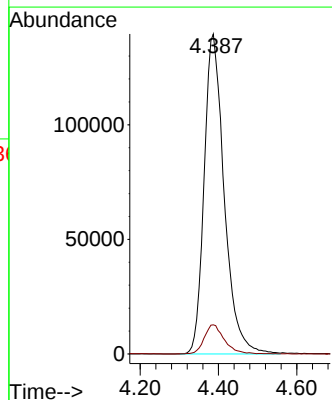
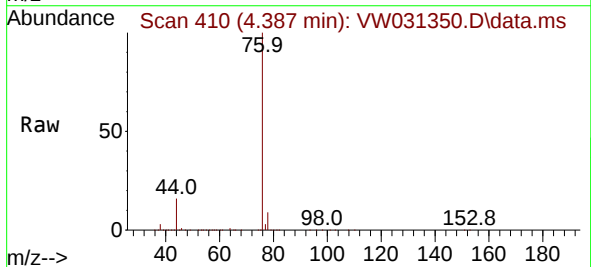
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ClientSampleId :

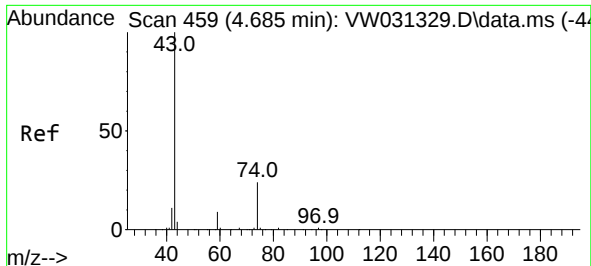
Tgt Ion: 43 Resp: 102826
Ion Ratio Lower Upper
43 100
58 32.4 0.0 0.0#



#14
Carbon disulfide
Concen: 19.675 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 76 Resp: 496690
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

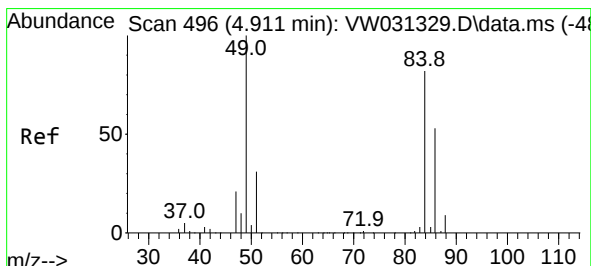
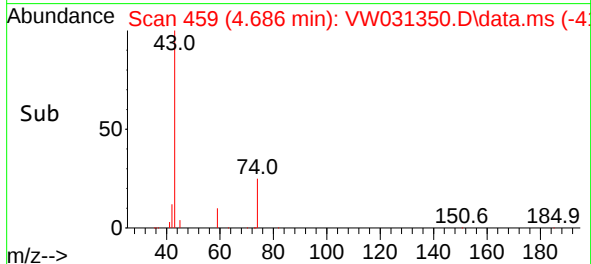
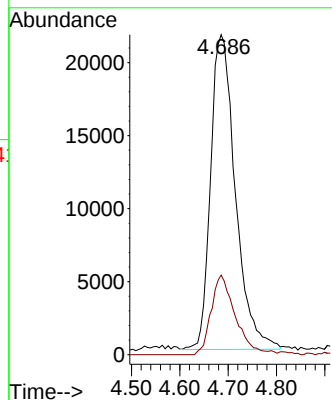
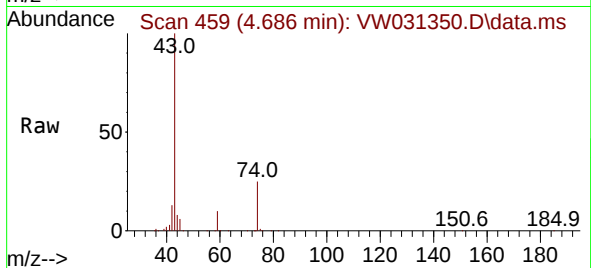




#15
Methyl Acetate
Concen: 27.118 ug/L
RT: 4.686 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

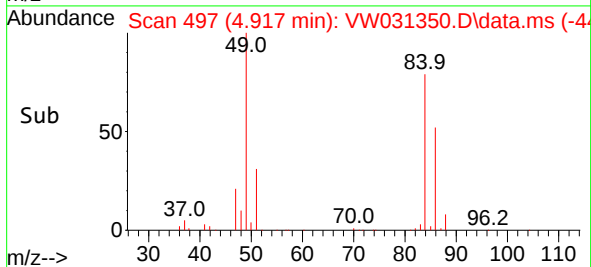
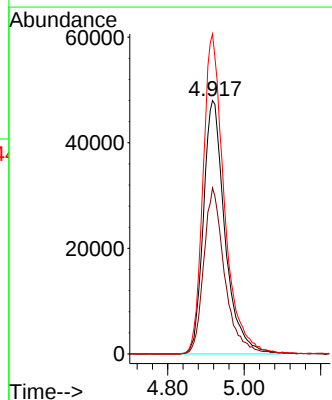
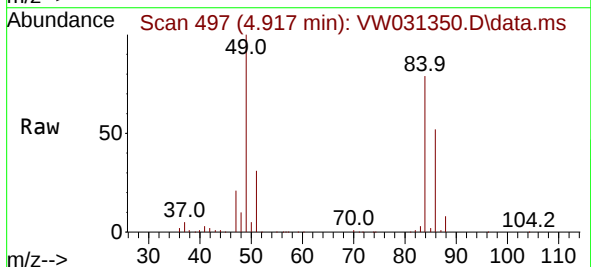
Instrument :
MSVOA_W
ClientSampleId :

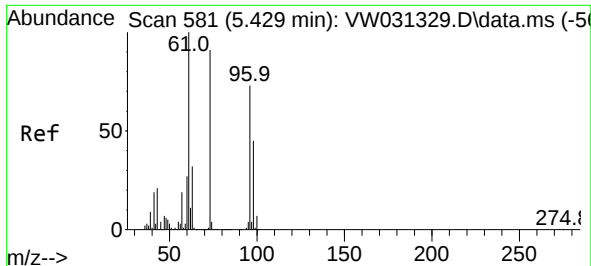
Tgt Ion: 43 Resp: 76745
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



#16
Methylene chloride
Concen: 23.668 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

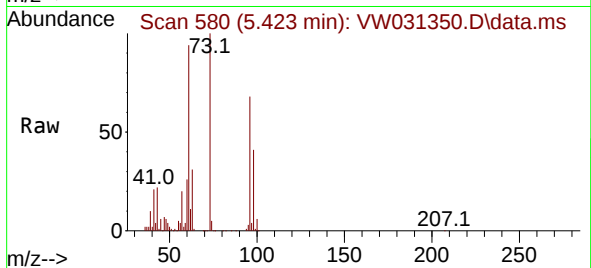
Tgt Ion: 84 Resp: 188033
Ion Ratio Lower Upper
84 100
86 65.5 44.7 82.9
49 126.3 88.3 164.1



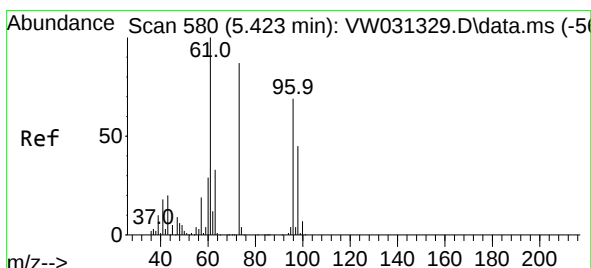
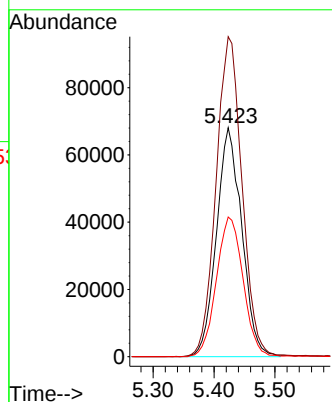
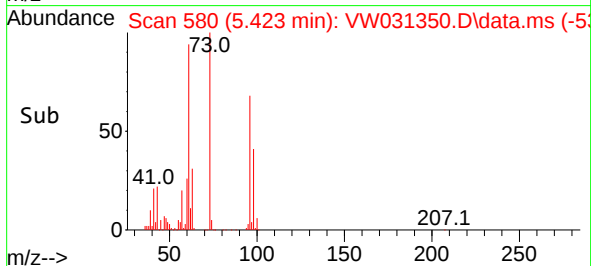


#17
trans-1,2-Dichloroethene
Concen: 23.597 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

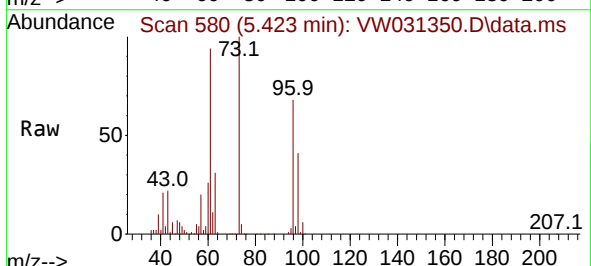
Instrument :
MSVOA_W
ClientSampleId :



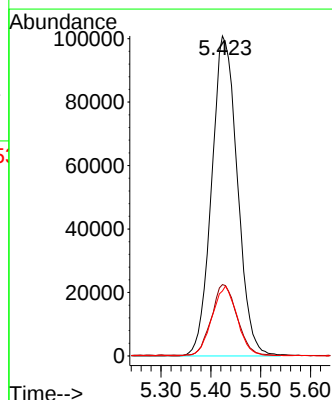
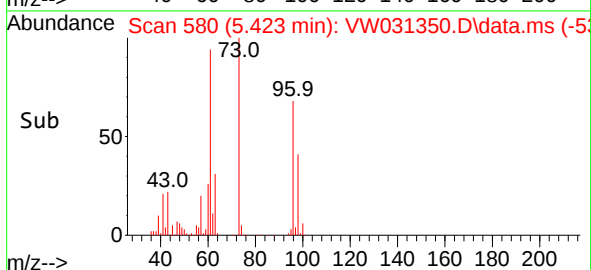
Tgt Ion: 96 Resp: 196896
Ion Ratio Lower Upper
96 100
61 139.7 100.7 187.1
98 61.0 43.8 81.3

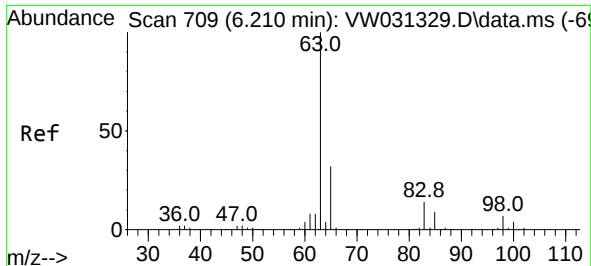


#18
Methyl tert-butyl Ether
Concen: 25.892 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40



Tgt Ion: 73 Resp: 361177
Ion Ratio Lower Upper
73 100
43 22.1 17.9 26.9
57 21.4 17.9 26.9

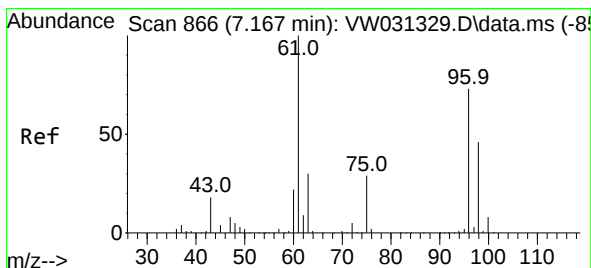
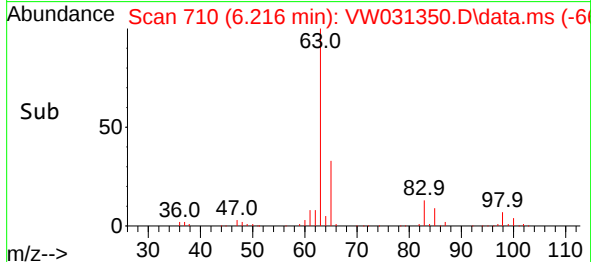
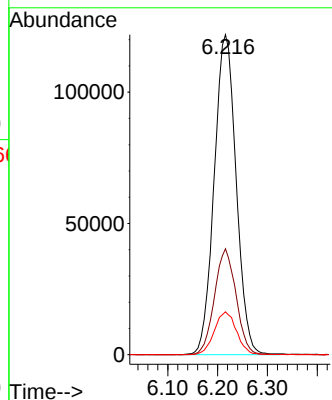
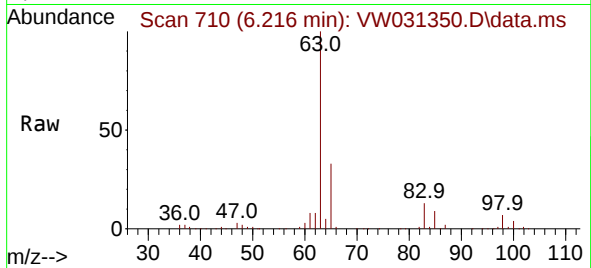




#19
1,1-Dichloroethane
Concen: 23.911 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

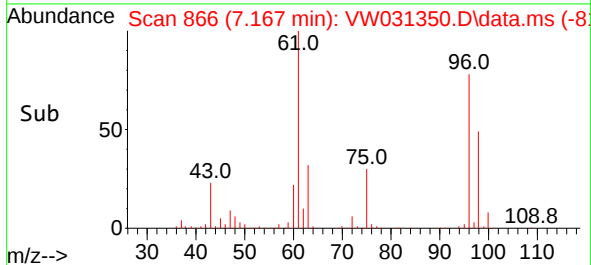
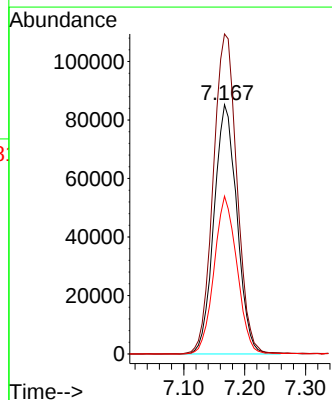
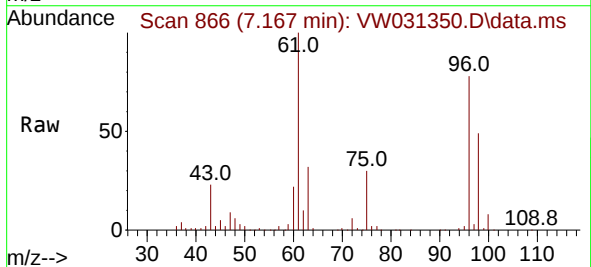
Instrument :
MSVOA_W
ClientSampleId :

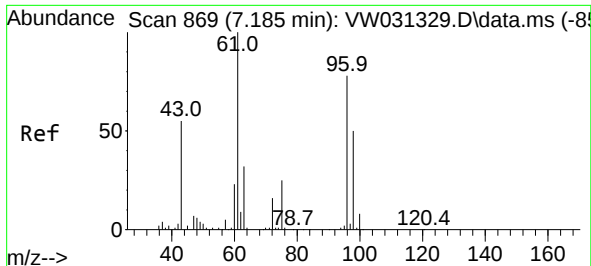
Tgt Ion: 63 Resp: 372816
Ion Ratio Lower Upper
63 100
65 33.1 21.9 40.7
83 13.4 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 24.720 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 96 Resp: 223162
Ion Ratio Lower Upper
96 100
61 128.4 92.2 171.2
98 63.3 43.7 81.1

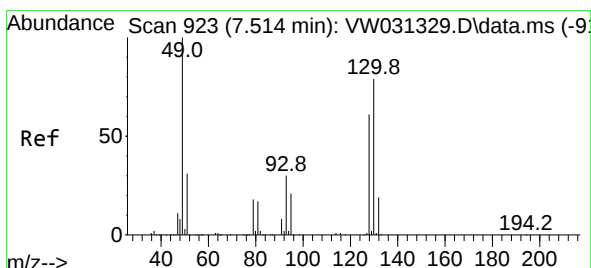
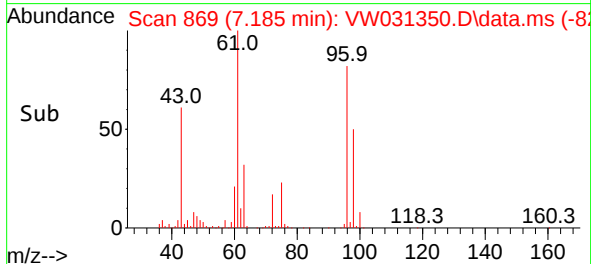
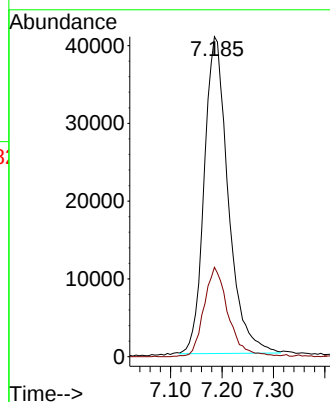
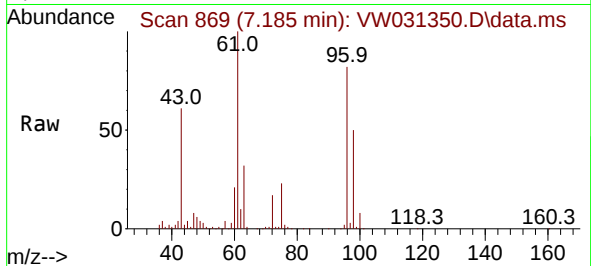




#22
2-Butanone
Concen: 43.934 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

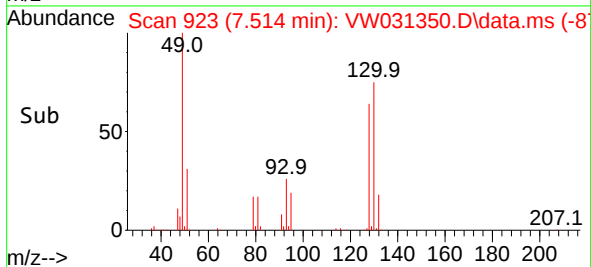
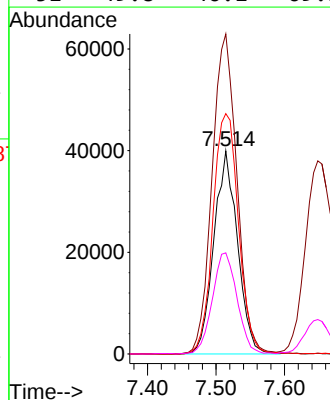
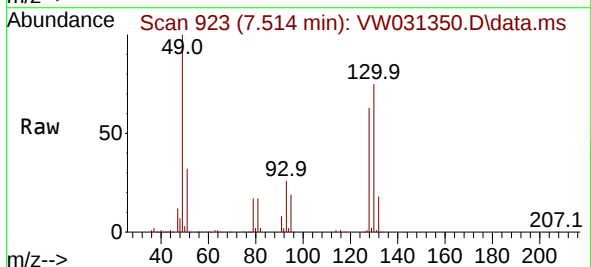
Instrument :
MSVOA_W
ClientSampleId :

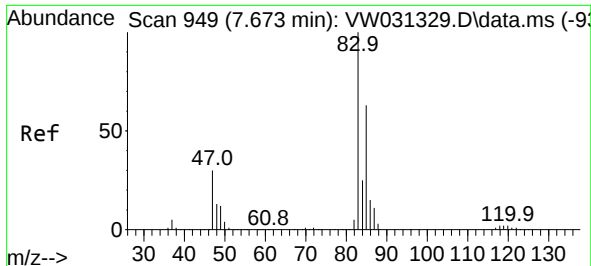
Tgt Ion: 43 Resp: 132643
Ion Ratio Lower Upper
43 100
72 28.5 13.3 39.8



#23
Bromochloromethane
Concen: 26.549 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion:128 Resp: 95586
Ion Ratio Lower Upper
128 100
49 157.6 123.7 229.7
130 118.3 90.3 167.7
51 49.8 46.1 69.1

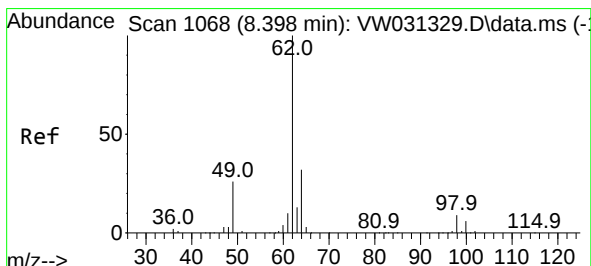
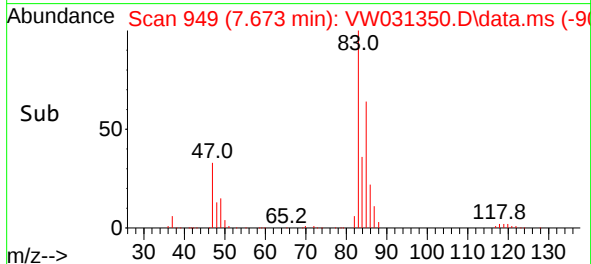
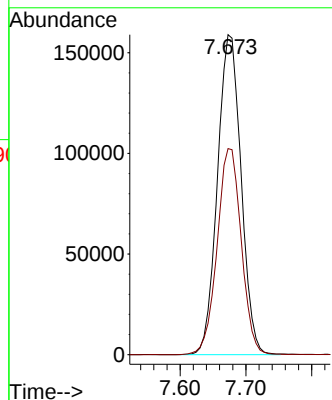
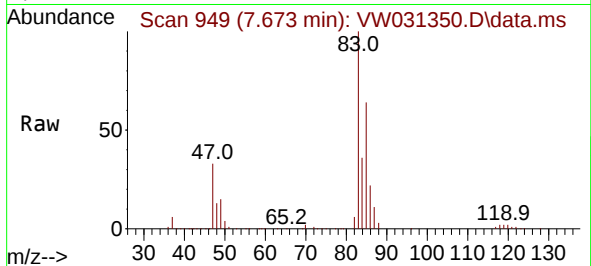




#25
Chloroform
Concen: 25.850 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

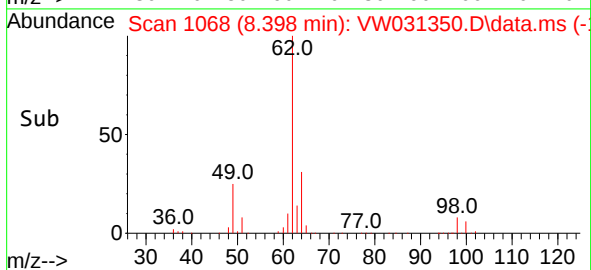
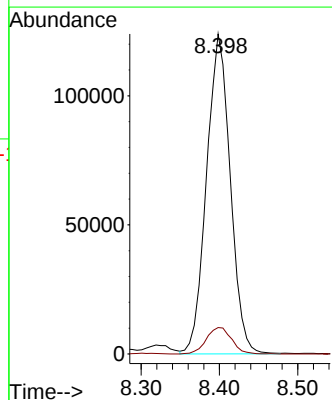
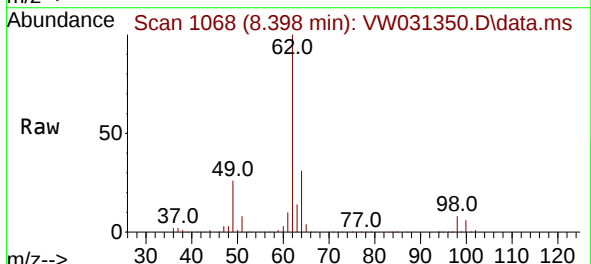
Instrument :
MSVOA_W
ClientSampleId :

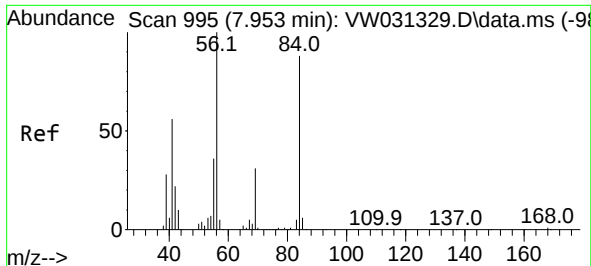
Tgt Ion: 83 Resp: 397797
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5



#27
1,2-Dichloroethane
Concen: 26.989 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

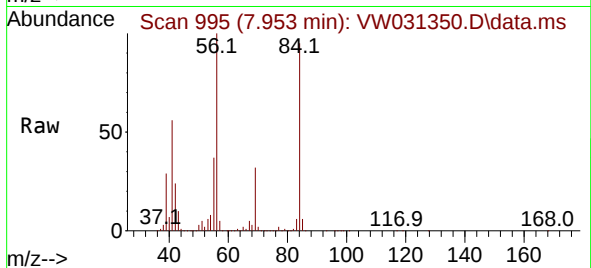
Tgt Ion: 62 Resp: 261100
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8



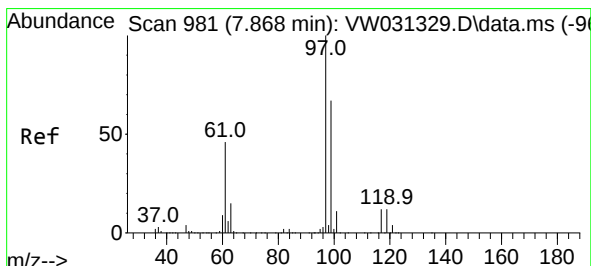
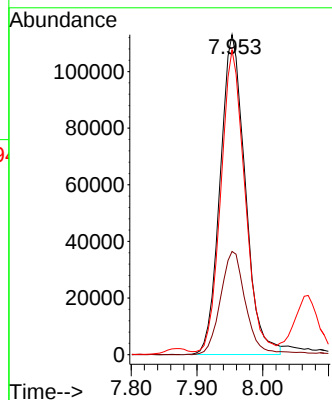
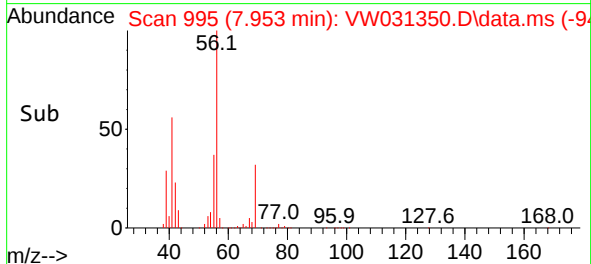


#29
Cyclohexane
Concen: 20.216 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Instrument :
MSVOA_W
ClientSampleId :

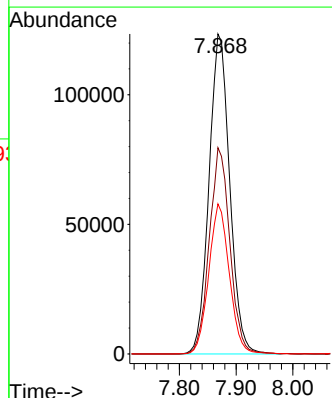
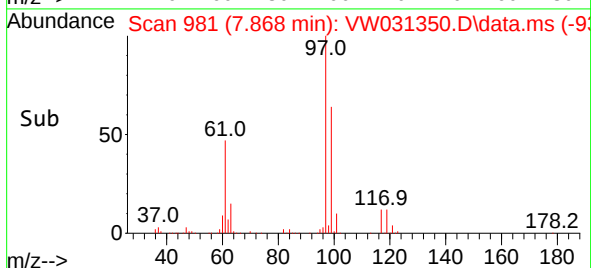
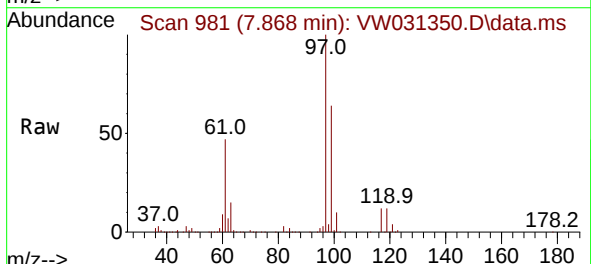


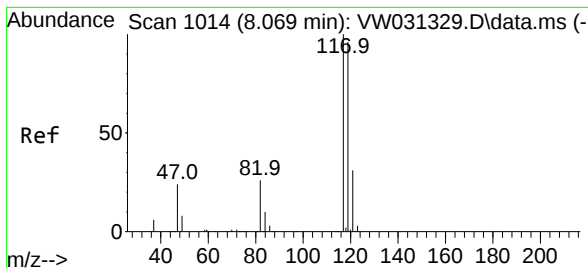
Tgt Ion: 56 Resp: 299233
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.4
84 91.8 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 22.195 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 97 Resp: 313118
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 46.4 36.3 54.5

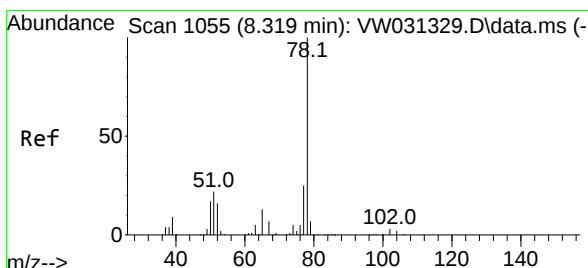
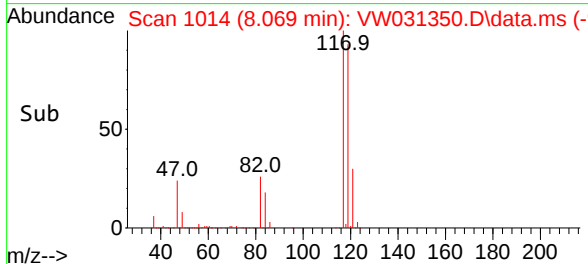
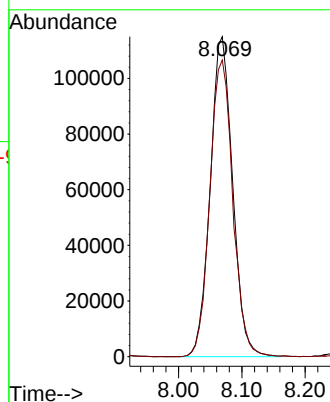
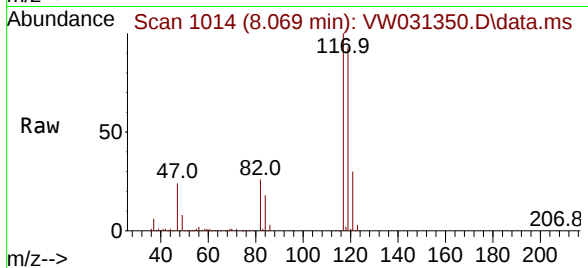




#31
Carbon tetrachloride
Concen: 22.532 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

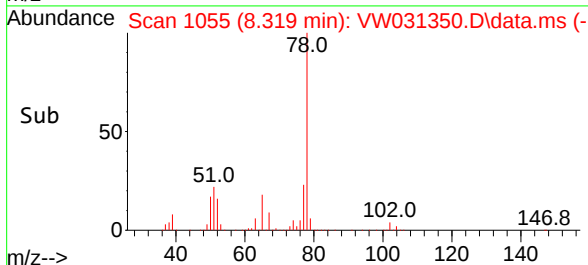
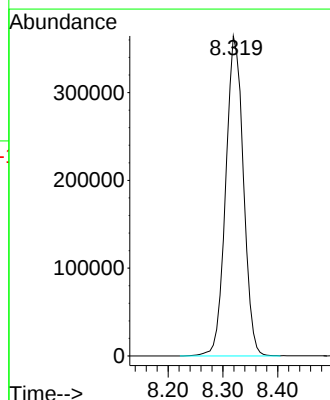
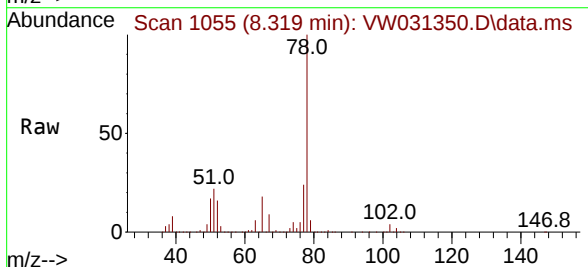
Instrument :
MSVOA_W
ClientSampleId :

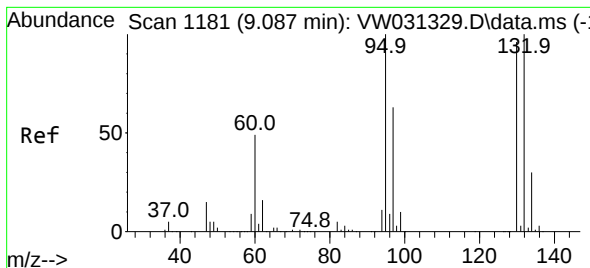
Tgt Ion:117 Resp: 283198
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0



#33
Benzene
Concen: 24.254 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 78 Resp: 818067





#34

Trichloroethene

Concen: 23.601 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

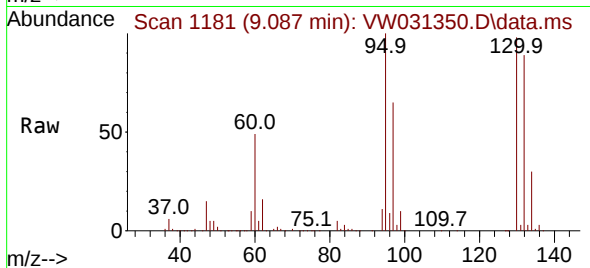
Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

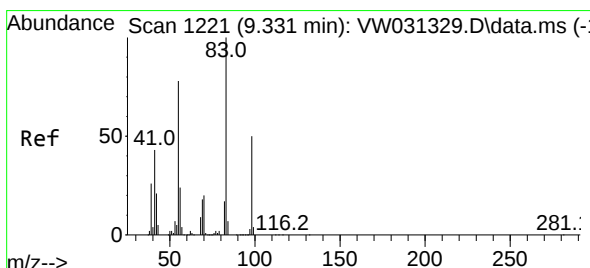
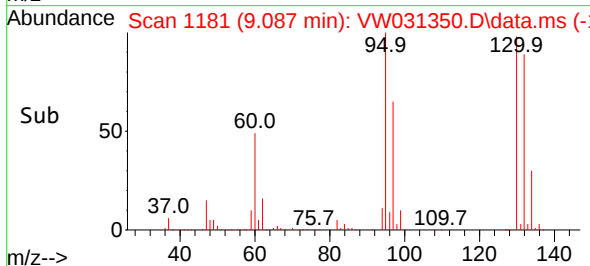
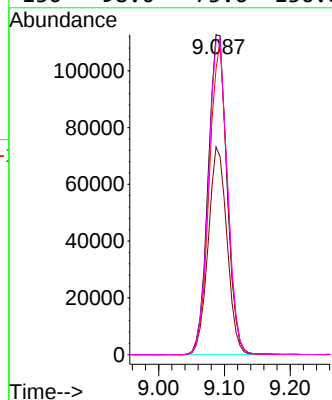
MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 224739

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.3
132	89.4	70.3	130.5
130	98.0	73.6	136.8



#35

Methylcyclohexane

Concen: 21.514 ug/L

RT: 9.331 min Scan# 1221

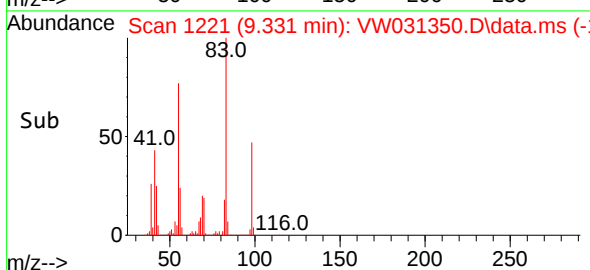
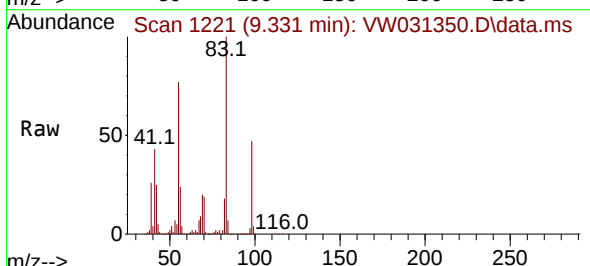
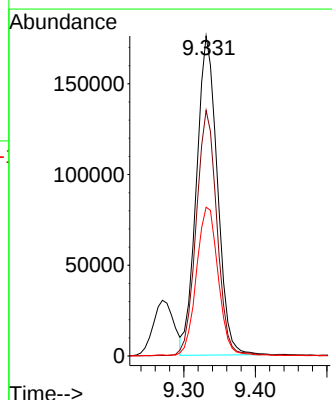
Delta R.T. 0.000 min

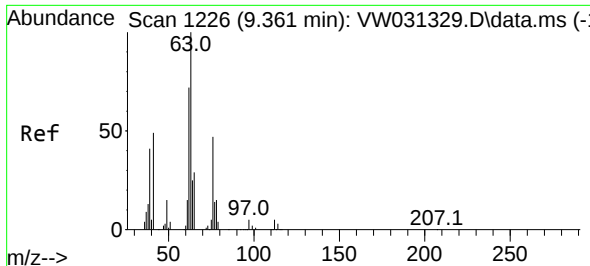
Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Tgt Ion: 83 Resp: 356771

Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.6	93.8
98	48.0	39.8	59.6





#37

1,2-Dichloropropane

Concen: 24.984 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

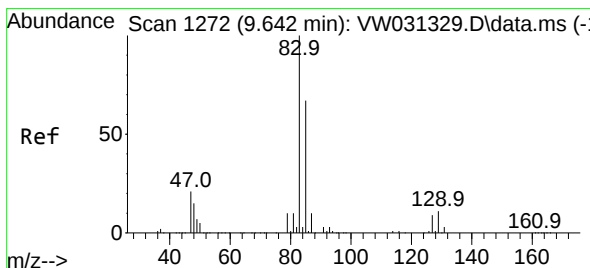
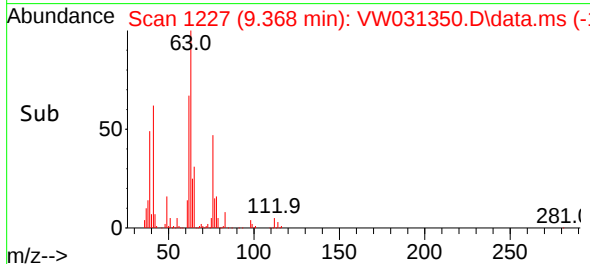
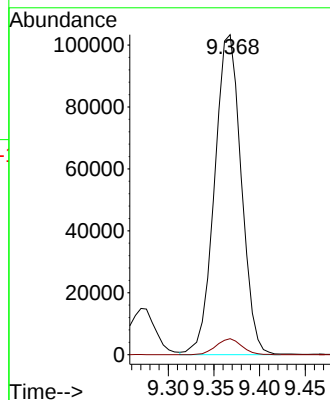
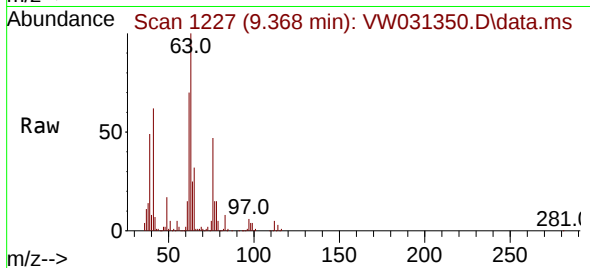
ClientSampleId :

Tgt Ion: 63 Resp: 210221

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 24.520 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

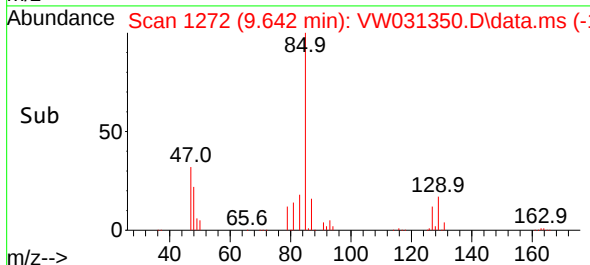
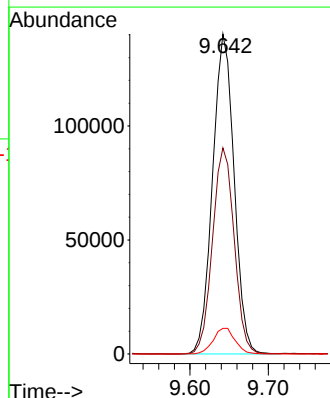
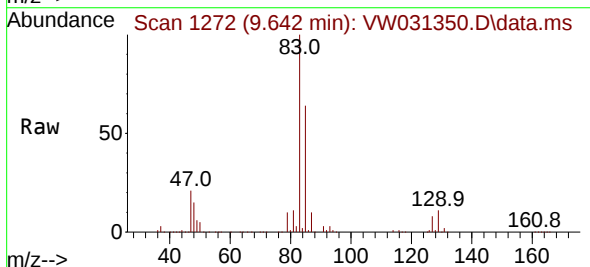
Tgt Ion: 83 Resp: 268224

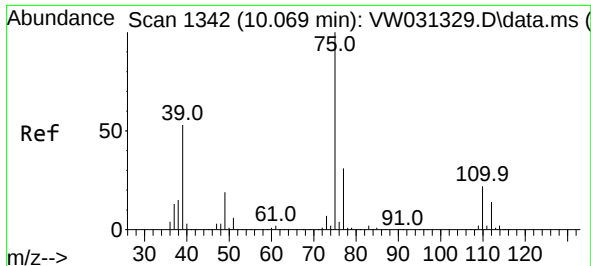
Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.5

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.172 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

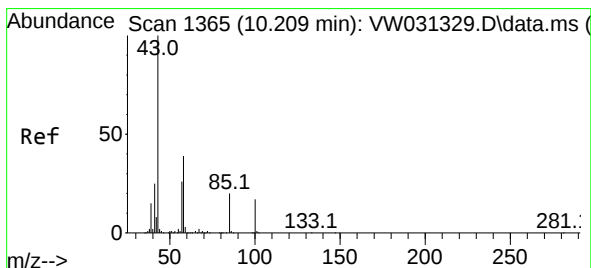
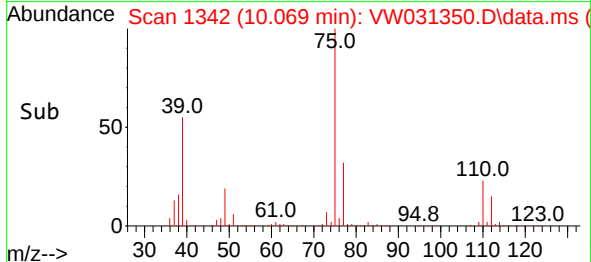
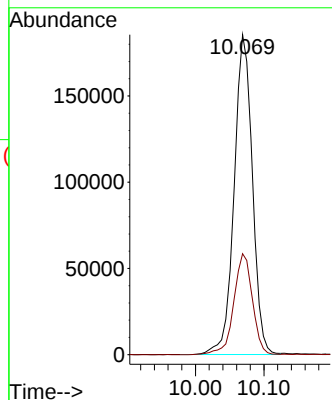
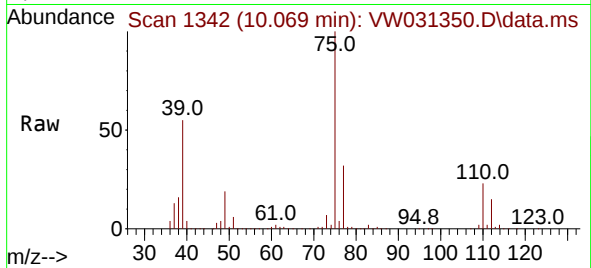
ClientSampleId :

Tgt Ion: 75 Resp: 343698

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 55.352 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

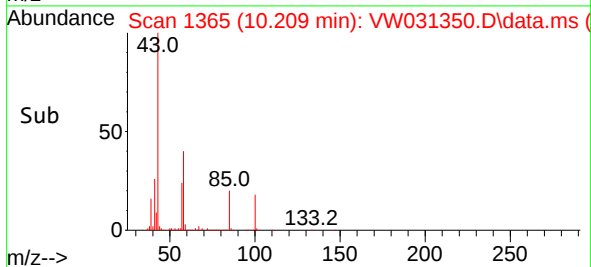
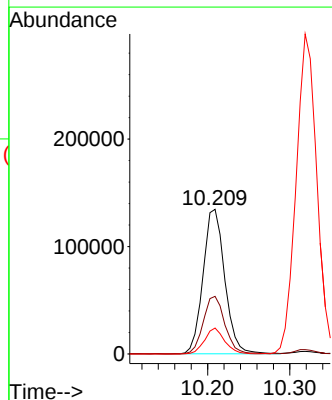
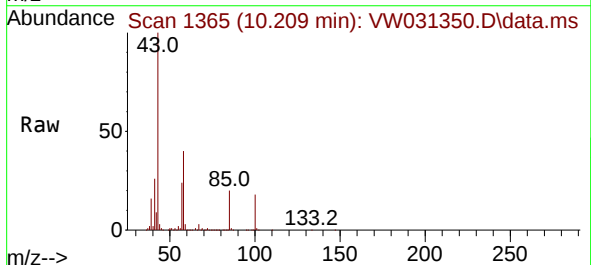
Tgt Ion: 43 Resp: 247104

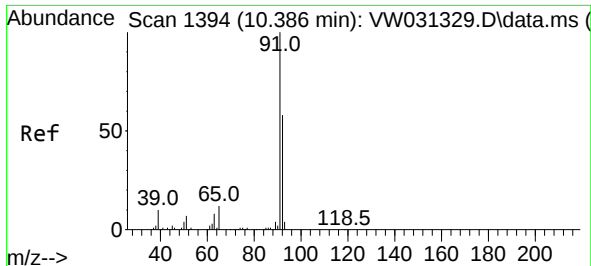
Ion Ratio Lower Upper

43 100

58 39.8 31.1 46.7

100 16.5 13.0 19.6

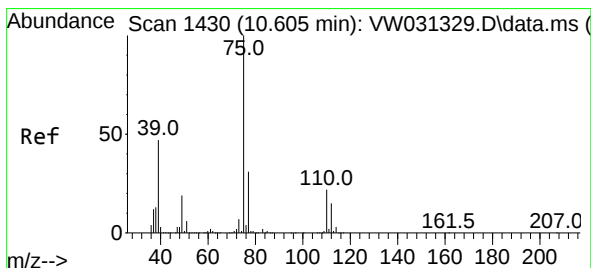
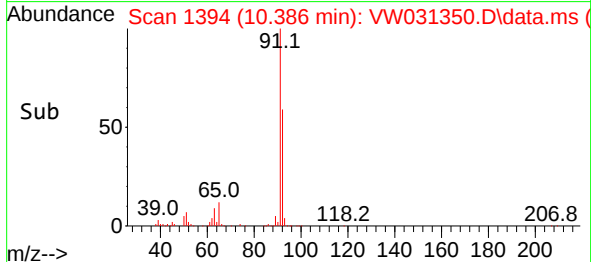
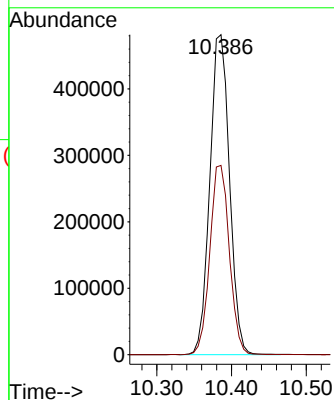
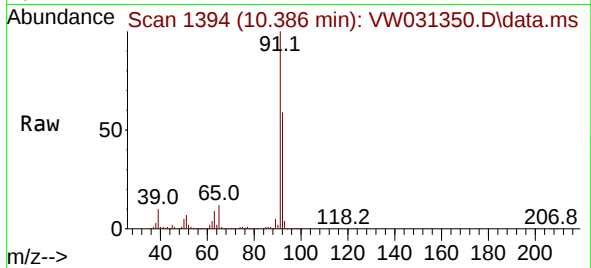




#42
Toluene
Concen: 23.930 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

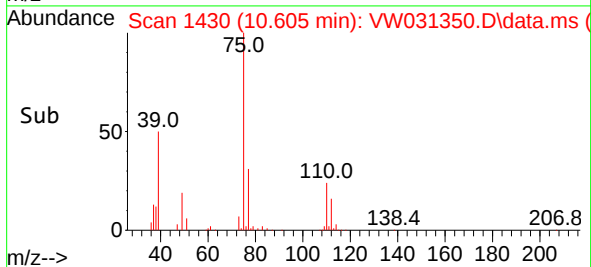
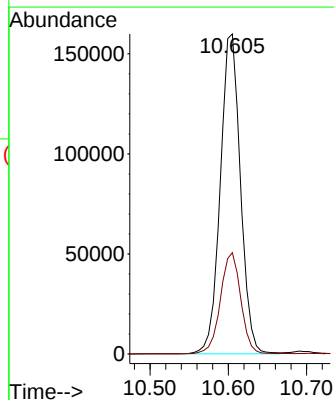
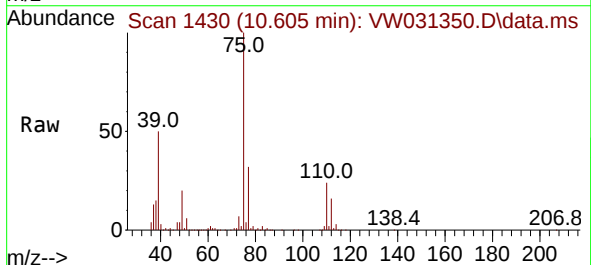
Instrument :
MSVOA_W
ClientSampleId :

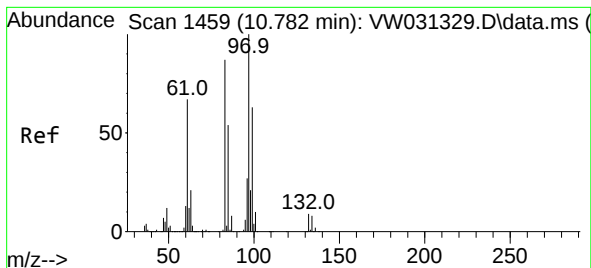
Tgt Ion: 91 Resp: 878795
Ion Ratio Lower Upper
91 100
92 59.1 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 24.641 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion: 75 Resp: 286076
Ion Ratio Lower Upper
75 100
77 31.6 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.822 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

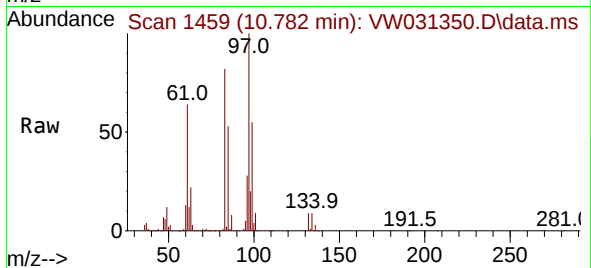
Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 155712

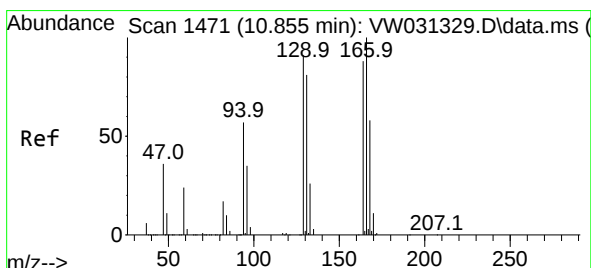
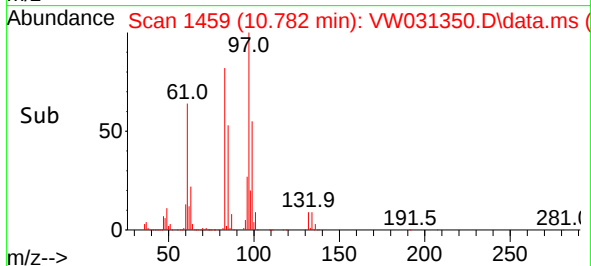
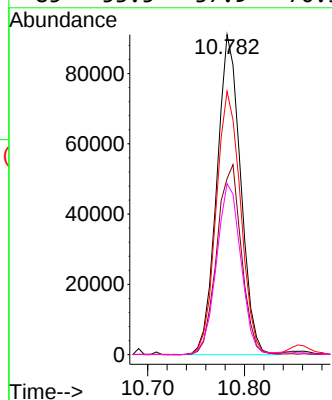
Ion Ratio Lower Upper

97 100

99 55.0 43.0 80.0

83 82.2 56.4 104.7

85 53.5 37.9 70.3



#46

Tetrachloroethene

Concen: 23.670 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Tgt Ion:164 Resp: 165100

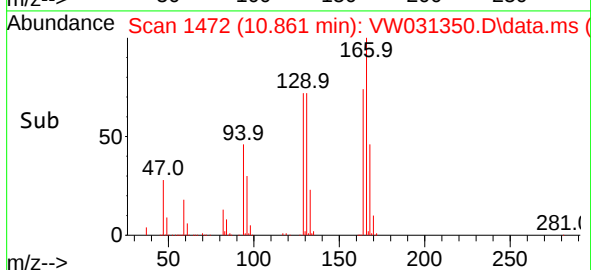
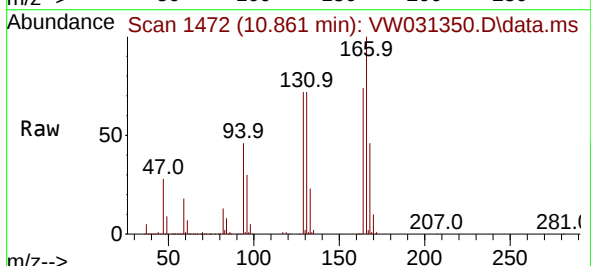
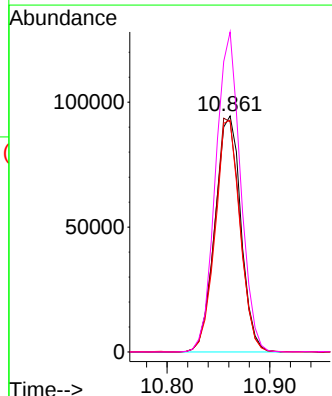
Ion Ratio Lower Upper

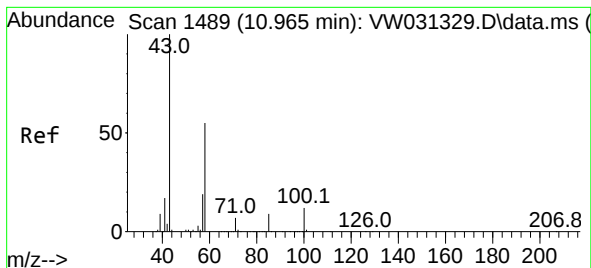
164 100

129 97.5 73.5 136.5

131 98.2 66.6 123.8

166 135.6 92.7 172.3





#48

2-Hexanone

Concen: 49.170 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

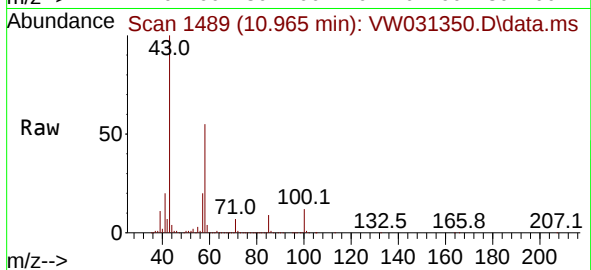
Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 186688

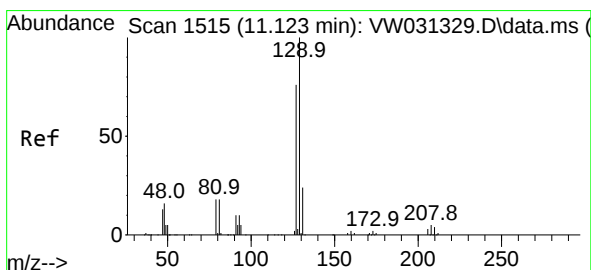
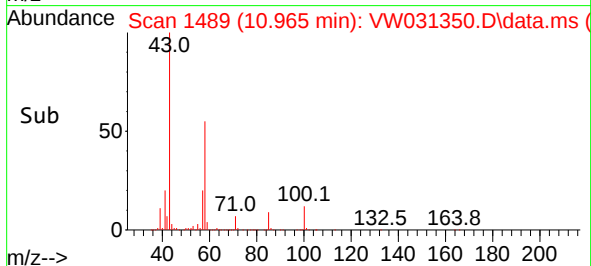
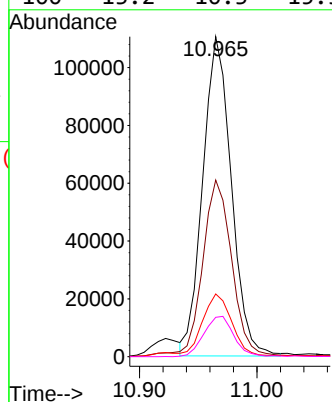
Ion Ratio Lower Upper

43 100

58 57.0 43.0 64.6

57 19.6 15.7 23.5

100 13.2 10.3 15.5



#49

Dibromochloromethane

Concen: 25.812 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031350.D

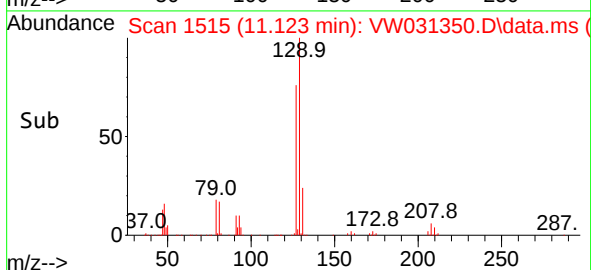
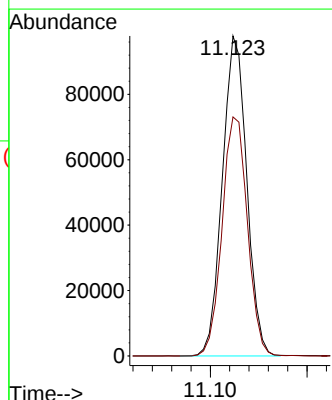
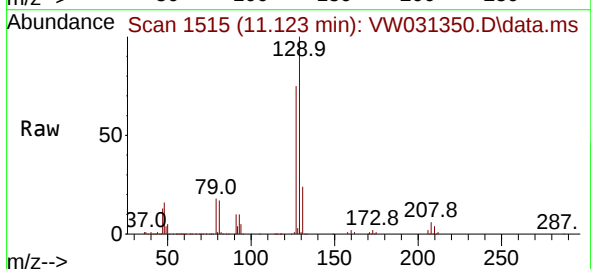
Acq: 18 Dec 2024 19:40

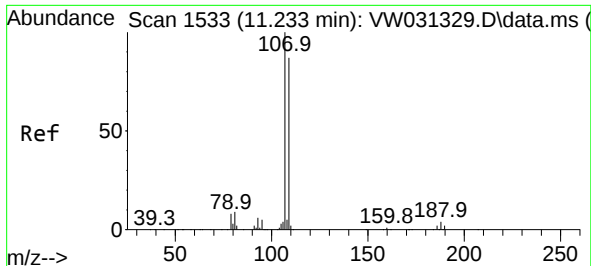
Tgt Ion: 129 Resp: 171242

Ion Ratio Lower Upper

129 100

127 74.7 57.6 107.0





#50

1,2-Dibromoethane

Concen: 28.409 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

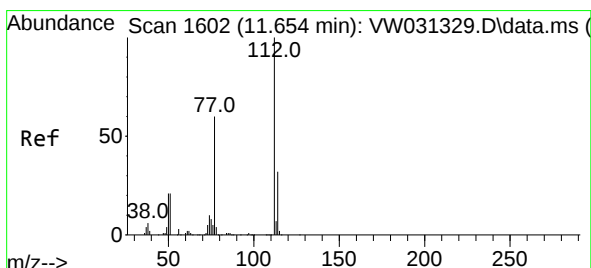
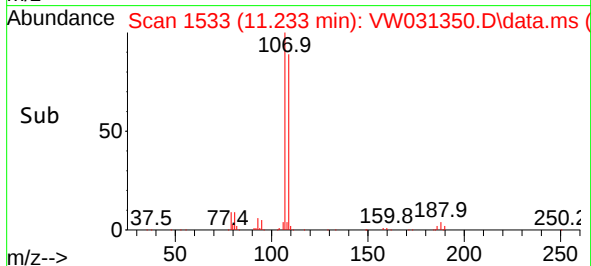
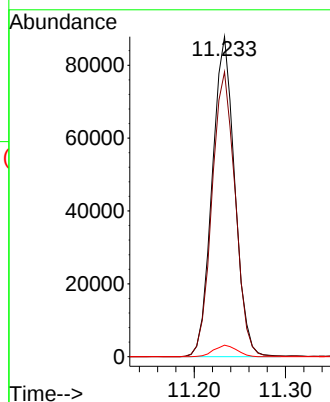
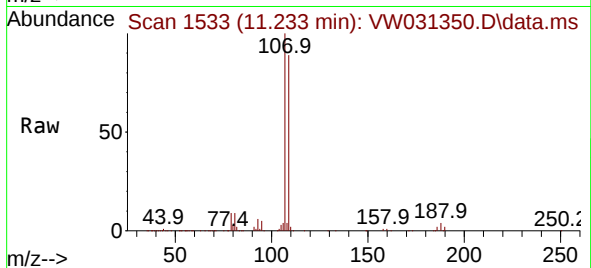
Tgt Ion:107 Resp: 150619

Ion Ratio Lower Upper

107 100

109 89.0 63.2 117.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 25.019 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

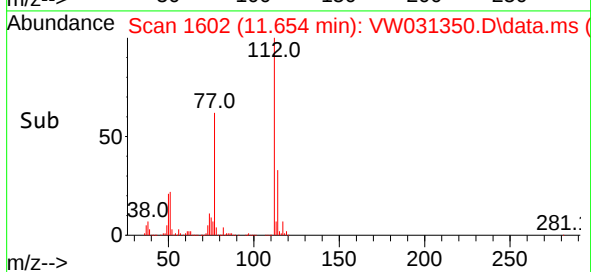
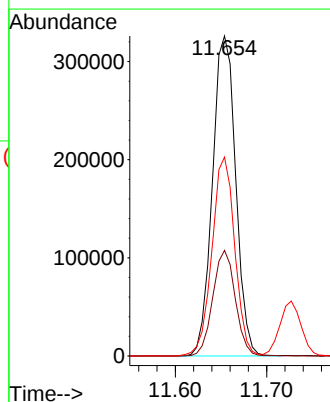
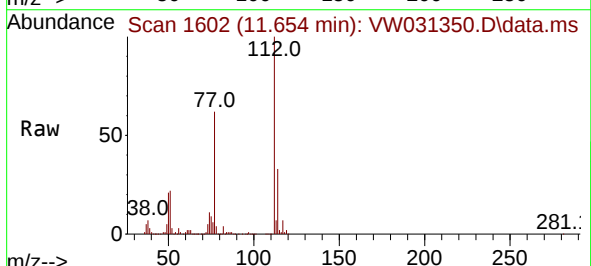
Tgt Ion:112 Resp: 576049

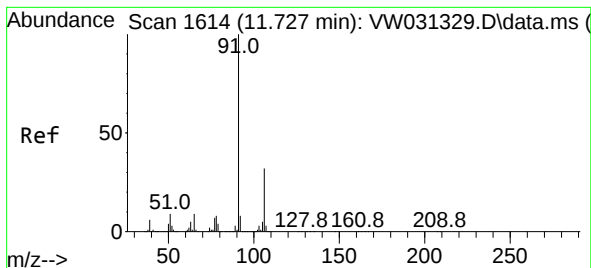
Ion Ratio Lower Upper

112 100

114 33.0 22.7 42.3

77 62.1 50.2 75.4

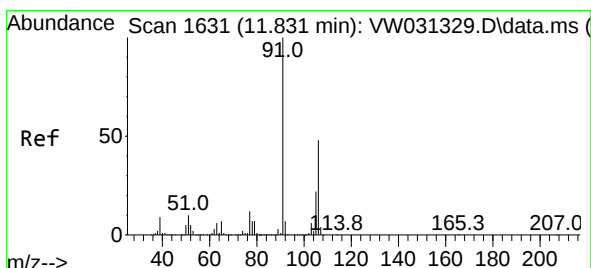
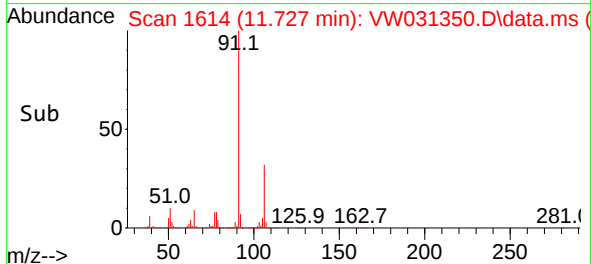
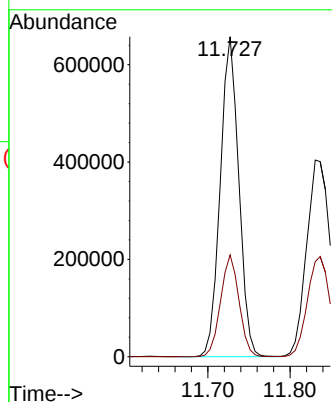
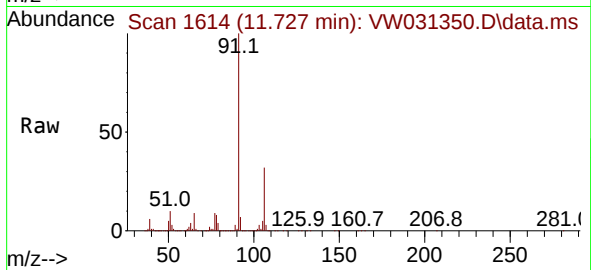




#52
Ethylbenzene
Concen: 24.181 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

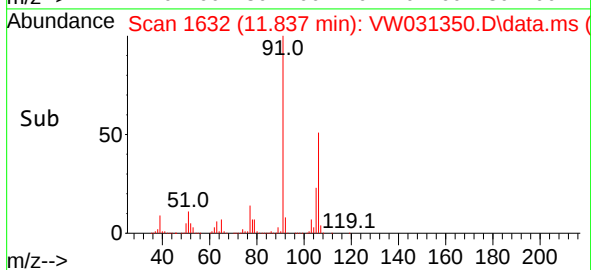
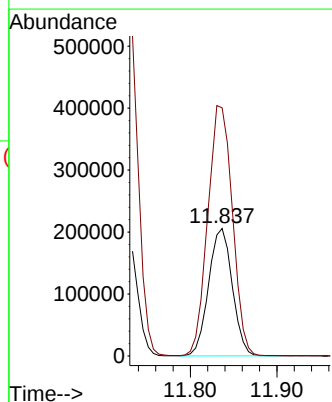
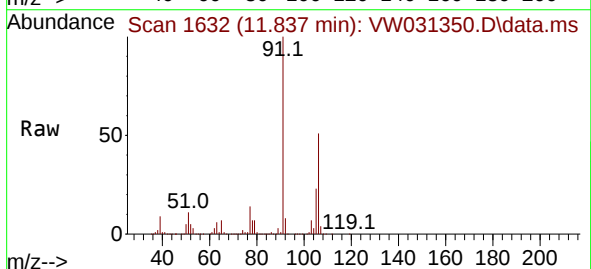
Instrument :
MSVOA_W
ClientSampleId :

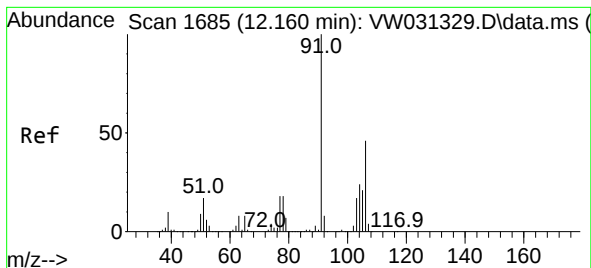
Tgt Ion: 91 Resp: 1029167
Ion Ratio Lower Upper
91 100
106 31.8 20.7 38.5



#53
m,p-Xylene
Concen: 24.095 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion:106 Resp: 390403
Ion Ratio Lower Upper
106 100
91 194.6 139.9 259.7

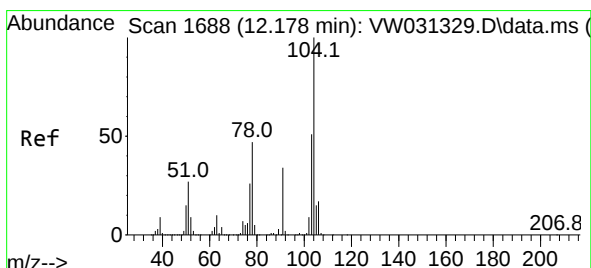
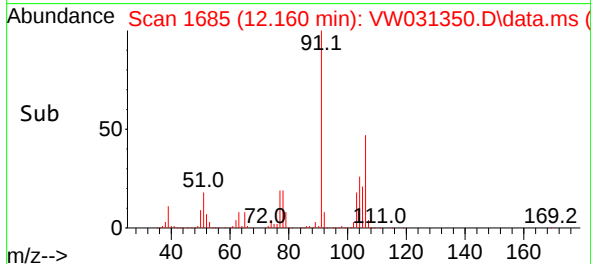
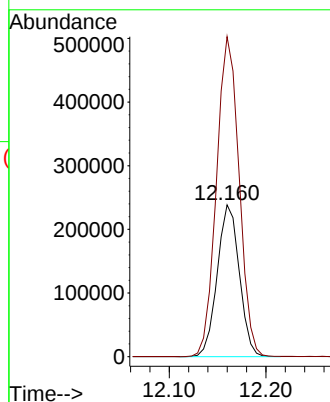
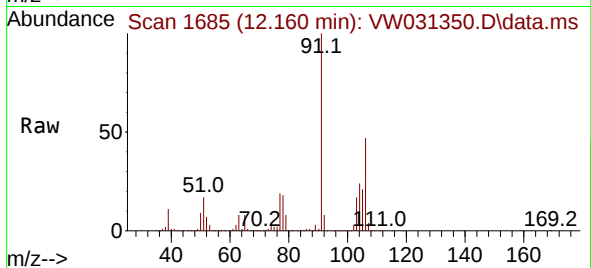




#54
o-Xylene
Concen: 24.737 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

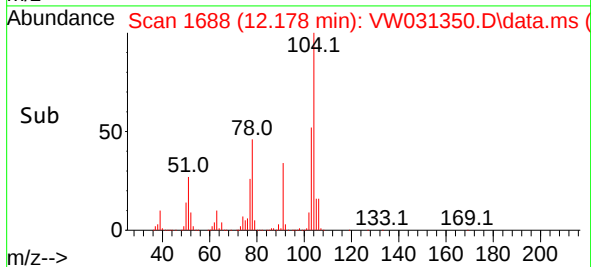
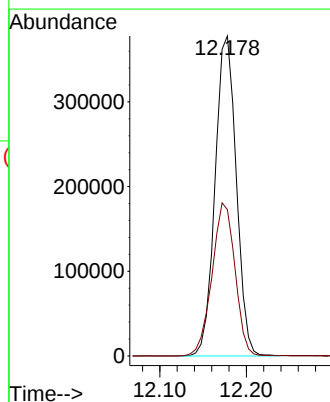
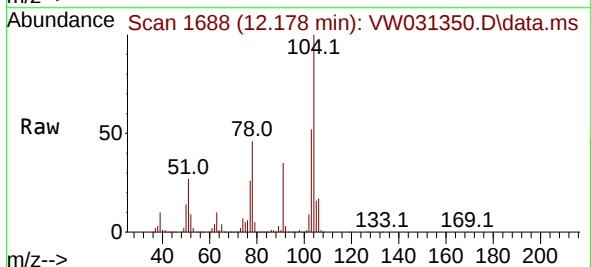
Instrument :
MSVOA_W
ClientSampleId :

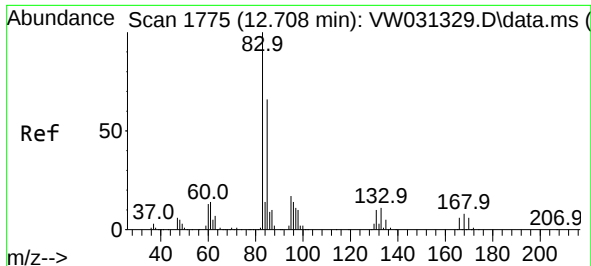
Tgt Ion:106 Resp: 377728
Ion Ratio Lower Upper
106 100
91 210.8 153.1 284.3



#55
Styrene
Concen: 25.281 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion:104 Resp: 642140
Ion Ratio Lower Upper
104 100
78 45.8 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 29.413 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

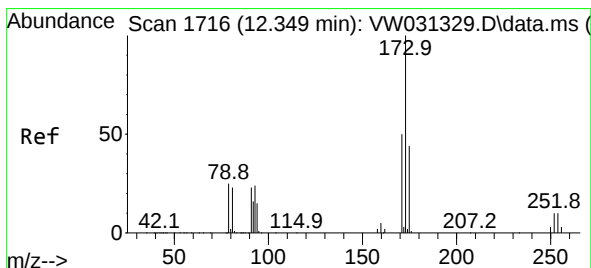
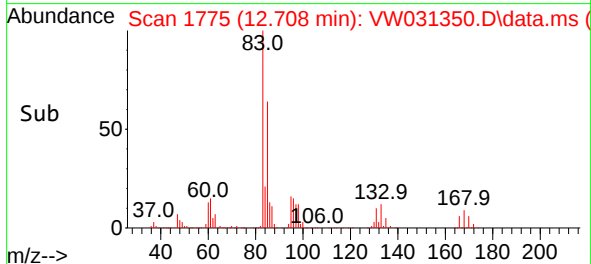
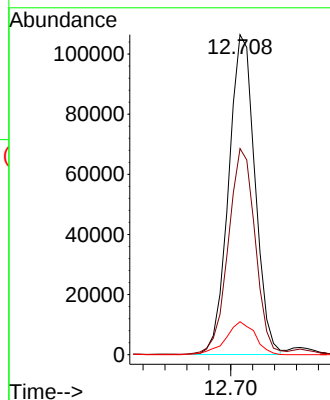
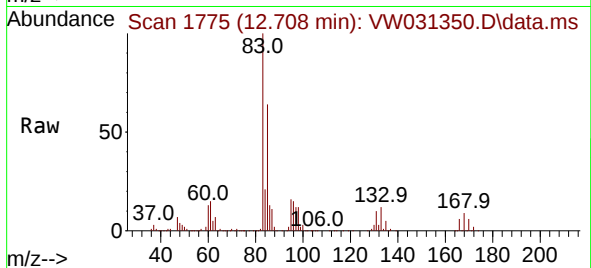
Tgt Ion: 83 Resp: 177461

Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

131 10.3 7.9 11.9



#59

Bromoform

Concen: 23.673 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

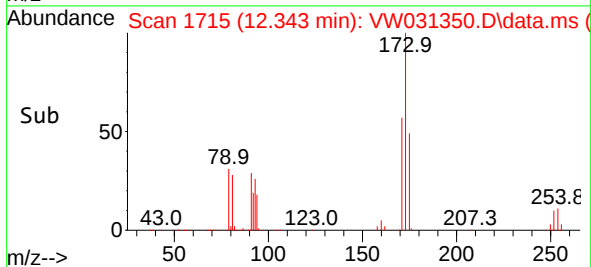
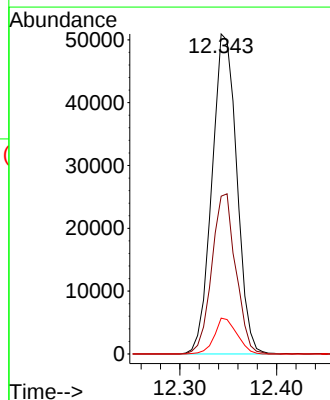
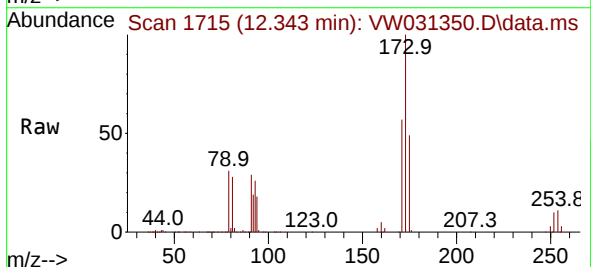
Tgt Ion: 173 Resp: 90967

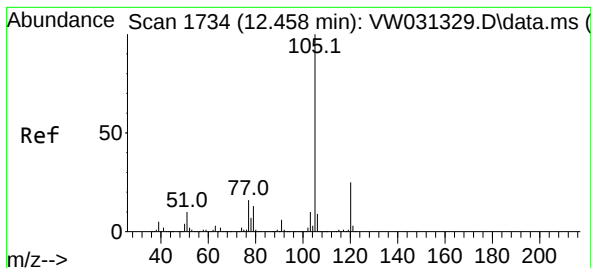
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 10.1 7.6 11.4





#60

Isopropylbenzene

Concen: 23.256 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

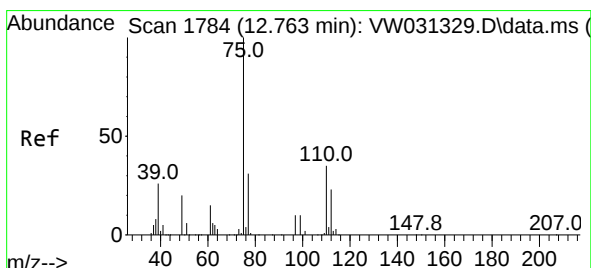
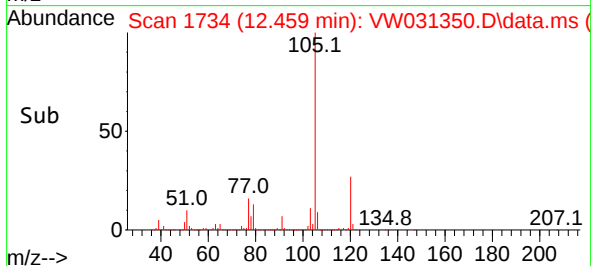
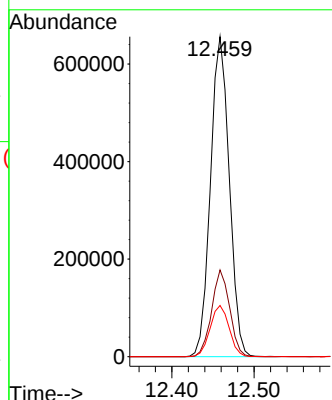
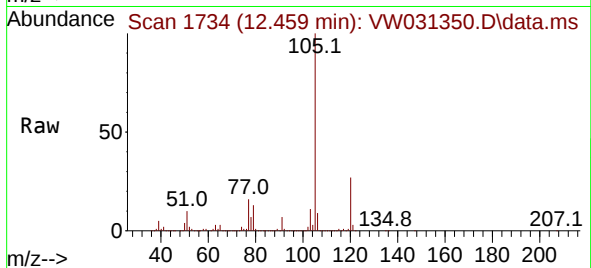
Tgt Ion:105 Resp: 1041012

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.2 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 28.030 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

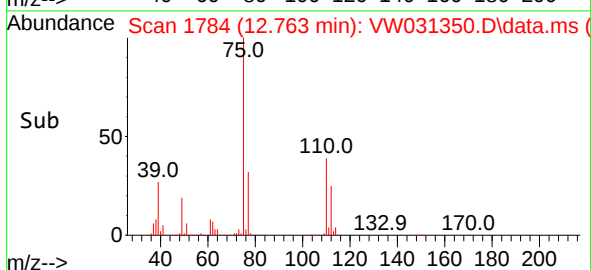
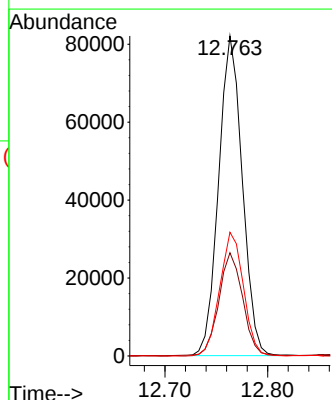
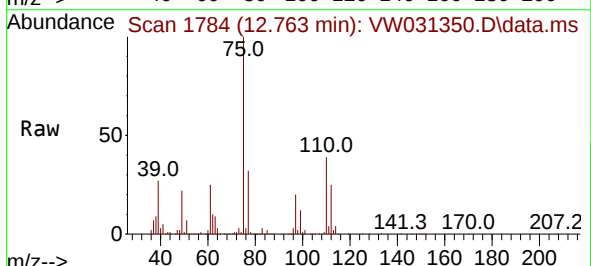
Tgt Ion: 75 Resp: 131196

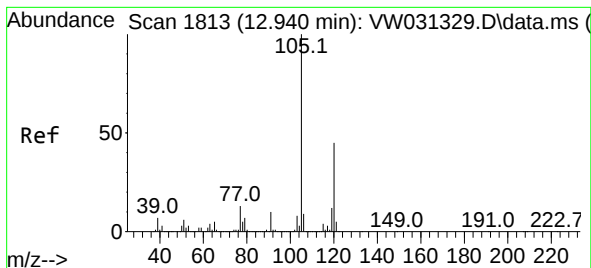
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

110 38.7 31.2 46.8

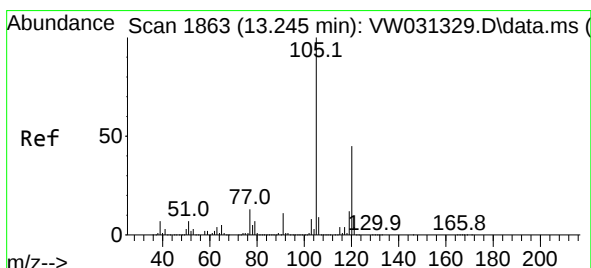
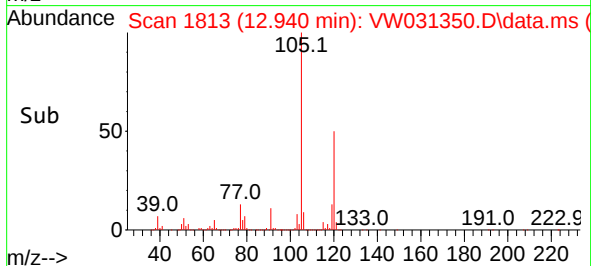
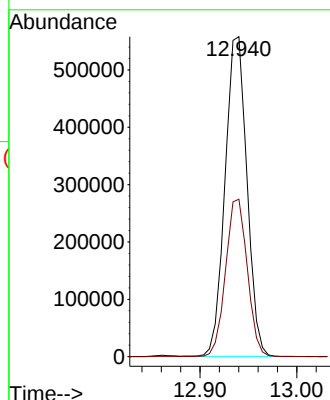
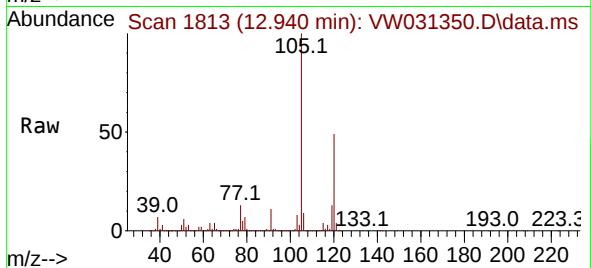




#62
1,3,5-Trimethylbenzene
Concen: 23.075 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

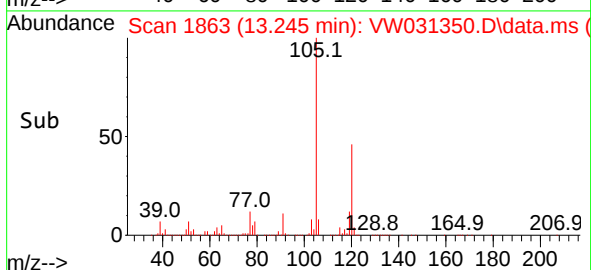
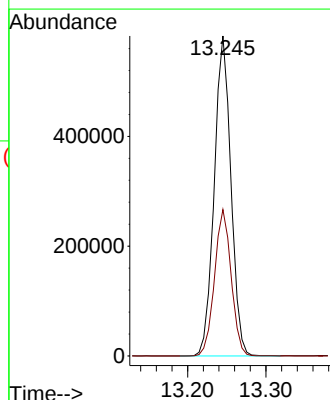
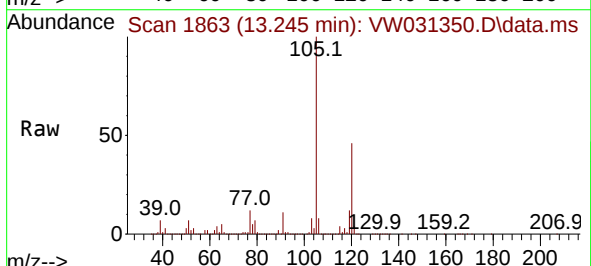
Instrument :
MSVOA_W
ClientSampleId :

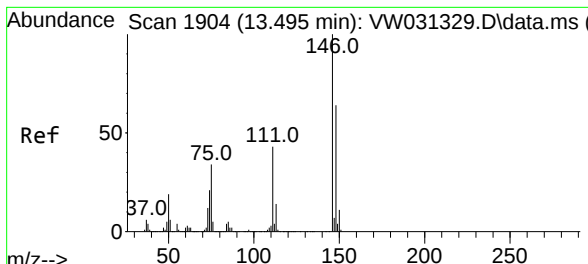
Tgt Ion:105 Resp: 875687
Ion Ratio Lower Upper
105 100
120 48.9 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 23.526 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion:105 Resp: 862920
Ion Ratio Lower Upper
105 100
120 45.7 35.0 52.4



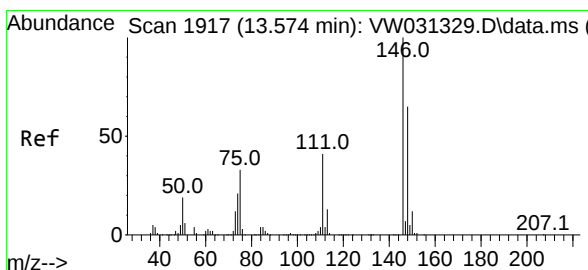
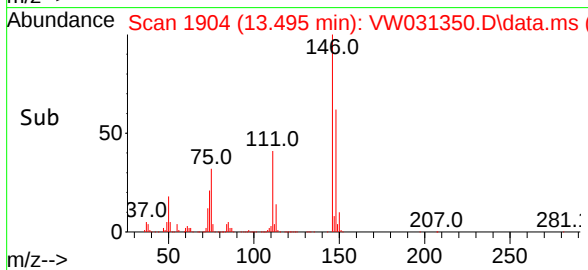
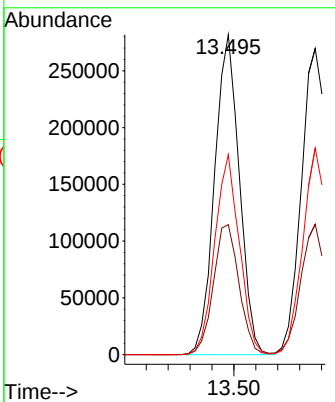
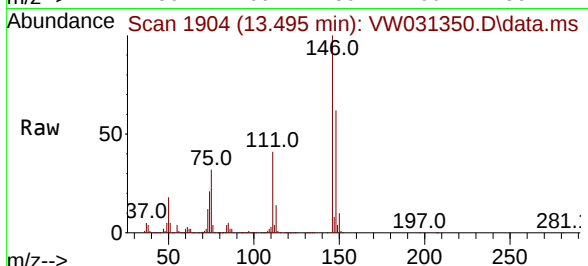


#64
 1,3-Dichlorobenzene
 Concen: 24.430 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 443060

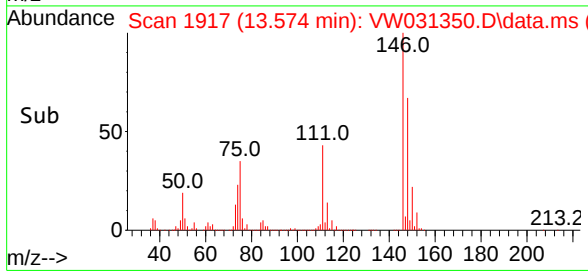
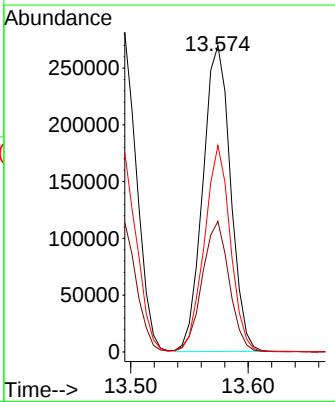
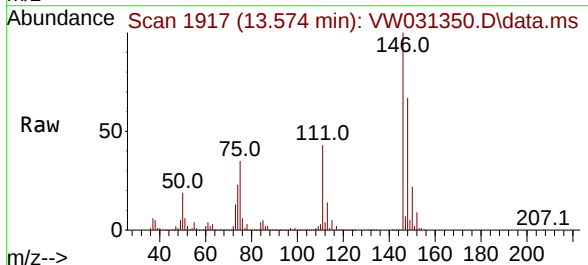
Ion	Ratio	Lower	Upper
146	100		
111	40.6	27.6	51.2
148	62.5	41.0	76.2

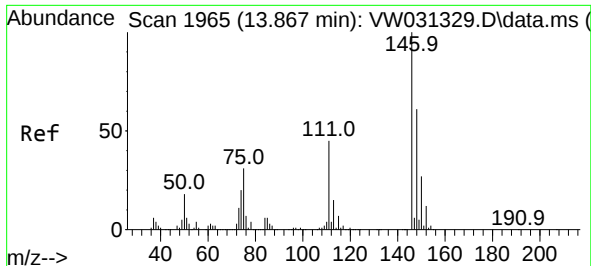


#65
 1,4-Dichlorobenzene
 Concen: 24.574 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031350.D
 Acq: 18 Dec 2024 19:40

Tgt Ion:146 Resp: 441567

Ion	Ratio	Lower	Upper
146	100		
111	42.6	30.7	56.9
148	67.5	46.5	86.3





#67

1,2-Dichlorobenzene

Concen: 24.712 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :

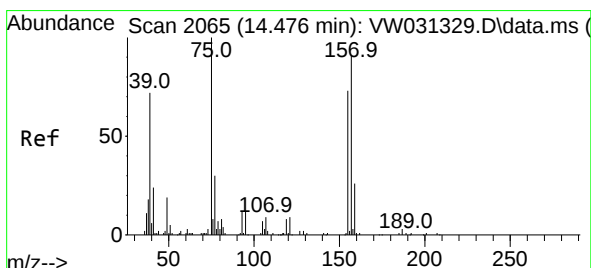
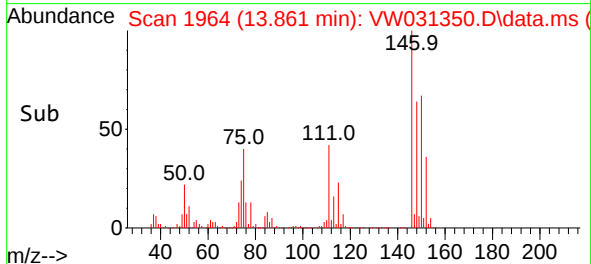
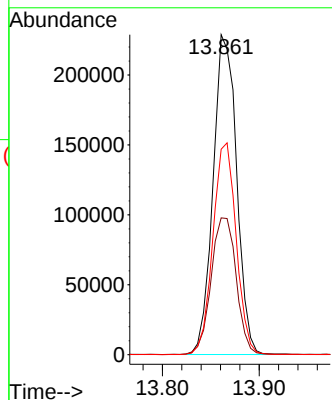
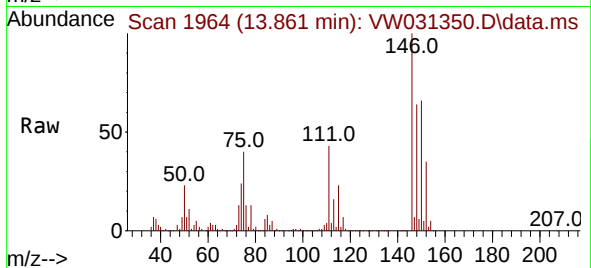
Tgt Ion:146 Resp: 386159

Ion Ratio Lower Upper

146 100

111 42.7 38.6 58.0

148 64.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.755 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

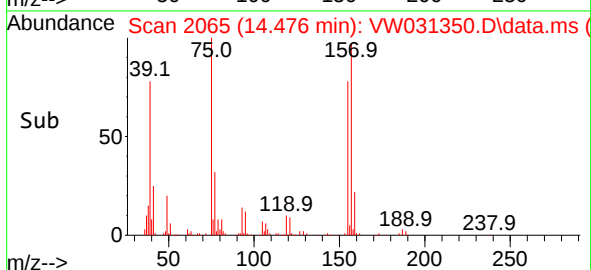
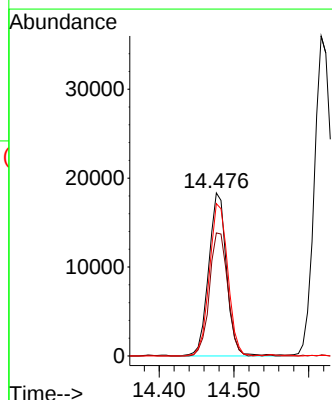
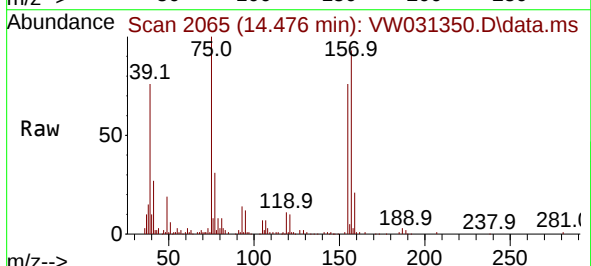
Tgt Ion: 75 Resp: 30592

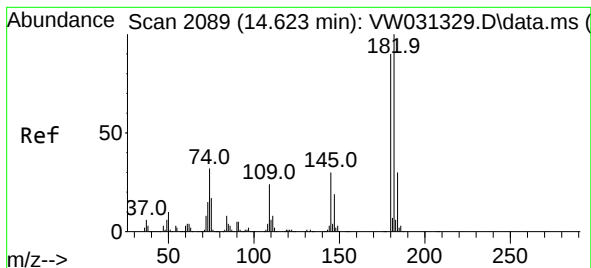
Ion Ratio Lower Upper

75 100

155 75.5 56.6 85.0

157 93.4 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 23.122 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

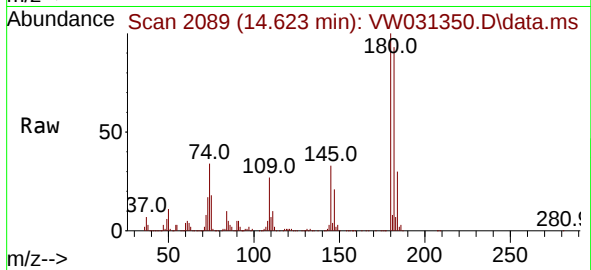
Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 293689

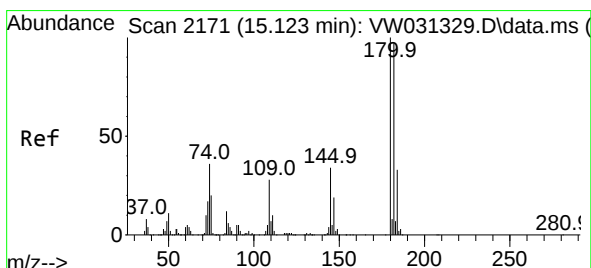
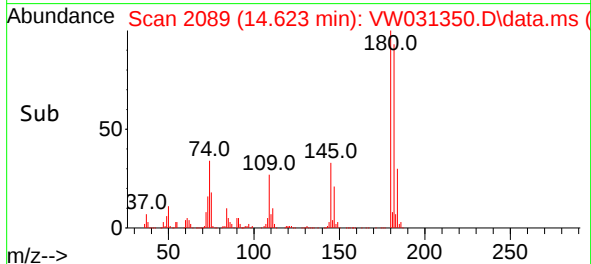
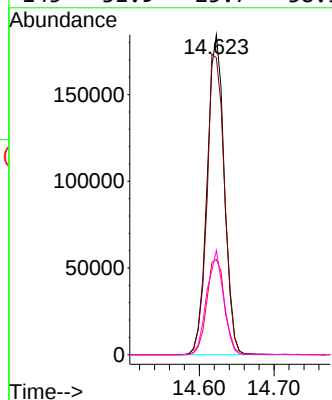
Ion Ratio Lower Upper

180 100

182 95.9 75.0 112.4

184 31.0 24.6 36.8

145 31.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.100 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031350.D

Acq: 18 Dec 2024 19:40

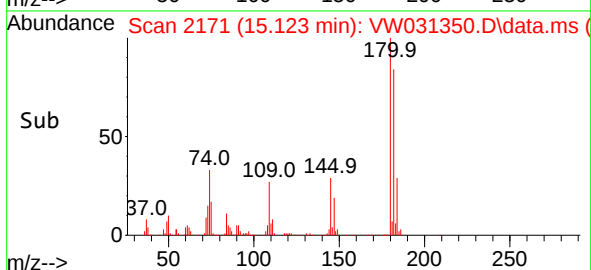
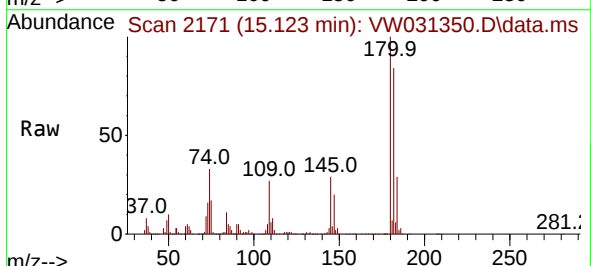
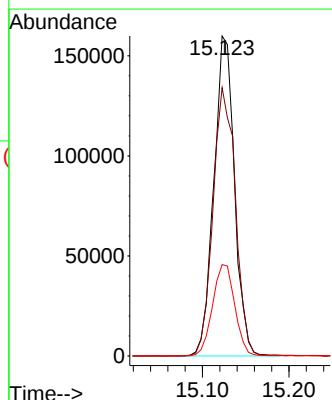
Tgt Ion:180 Resp: 265202

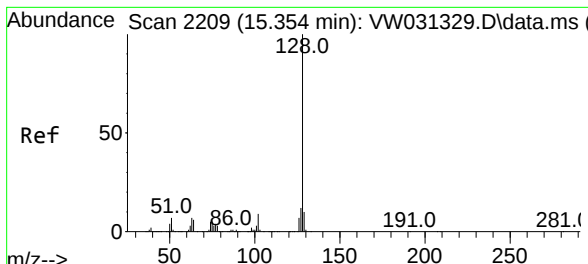
Ion Ratio Lower Upper

180 100

182 90.8 78.2 117.2

145 30.8 26.7 40.1



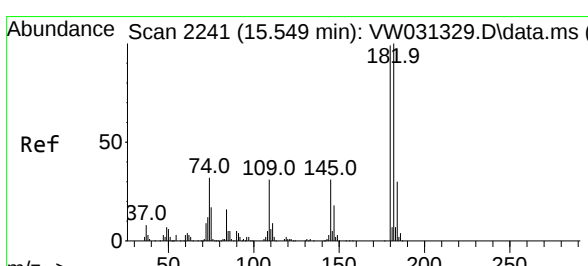
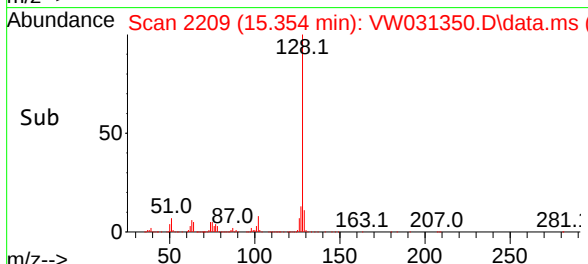
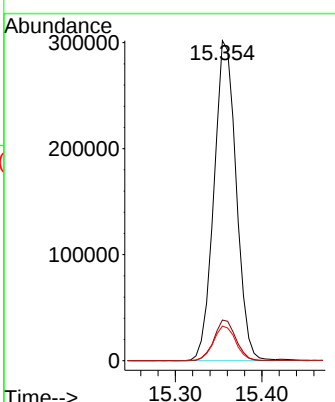
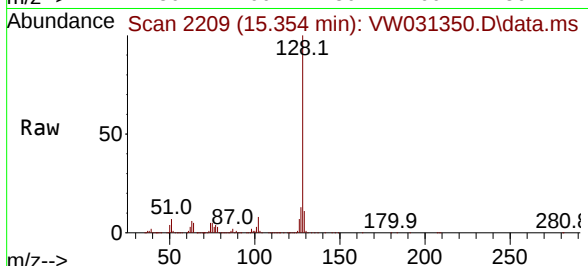


#71
Naphthalene
Concen: 29.055 ug/L
RT: 15.354 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 538204

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.211 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031350.D
Acq: 18 Dec 2024 19:40

Tgt Ion:180 Resp: 214619

Ion	Ratio	Lower	Upper
180	100		
182	102.0	75.0	112.4
145	36.9	27.8	41.6

