

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092324\
 Data File : VW030191.D
 Acq On : 23 Sep 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:09:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	422451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	371447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	188719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105410	19.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.280%
7) Chloroethane-d5	2.899	69	85301	22.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	4.021	65	49867	18.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.160%
21) 2-Butanone-d5	7.081	46	53585	40.564	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.120%
24) Chloroform-d	7.648	84	241250	20.770	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	8.307	65	121263	20.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.160%
32) Benzene-d6	8.276	84	465192	21.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	9.270	67	134409	20.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.360%
41) Toluene-d8	10.325	98	429275	22.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	10.575	79	56415	21.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.922	63	46599	46.093	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105767	21.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	136410	21.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	82853	17.787	ug/L	95
3) Chloromethane	2.222	50	90467	20.801	ug/L	96
5) Vinyl chloride	2.375	62	128559	23.985	ug/L	99
6) Bromomethane	2.789	94	81195	25.287	ug/L	99
8) Chloroethane	2.936	64	78832	24.643	ug/L	94
9) Trichlorofluoromethane	3.271	101	120877	19.122	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119686	20.886	ug/L	94
12) 1,1-Dichloroethene	4.045	96	114804	22.766	ug/L	91
13) Acetone	4.131	43	62751	41.404	ug/L	99
14) Carbon disulfide	4.387	76	281257	19.634	ug/L	98
15) Methyl Acetate	4.673	43	49272	20.103	ug/L	95
16) Methylene chloride	4.917	84	129235	20.746	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	124164	22.335	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	219614	25.067	ug/L	97
19) 1,1-Dichloroethane	6.216	63	251441	22.275	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	148609	24.359	ug/L	98
22) 2-Butanone	7.173	43	76130	42.435	ug/L	98
23) Bromochloromethane	7.514	128	64874	23.794	ug/L #	83
25) Chloroform	7.673	83	264862	23.102	ug/L	94

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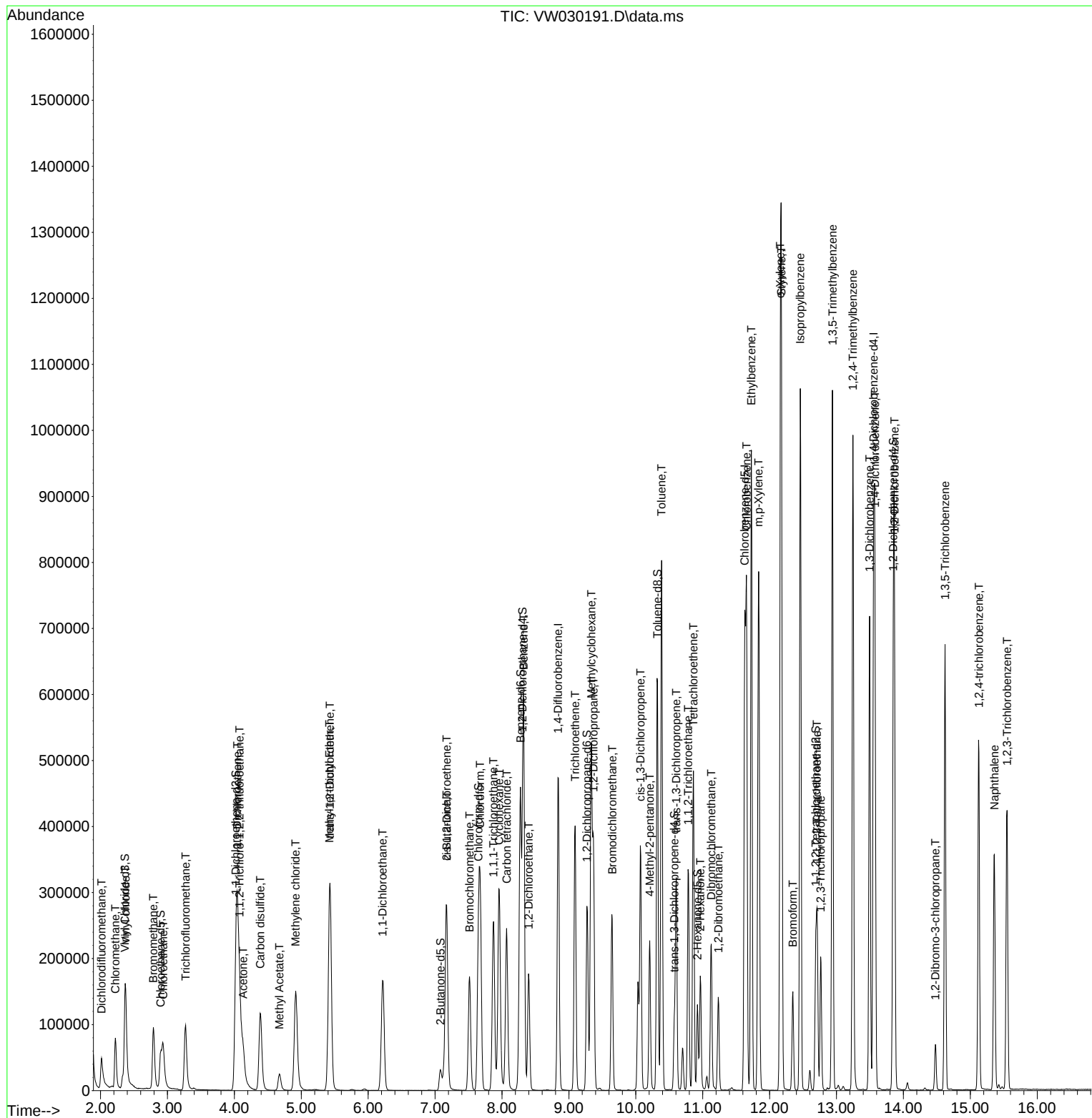
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27) 1,2-Dichloroethane	8.398	62	164878	22.933	ug/L	99
29) Cyclohexane	7.959	56	185593	23.452	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	217759	24.237	ug/L	99
31) Carbon tetrachloride	8.069	117	189324	23.190	ug/L	99
33) Benzene	8.325	78	543363	23.926	ug/L	100
34) Trichloroethene	9.093	95	147360	24.037	ug/L	98
35) Methylcyclohexane	9.337	83	223080	23.603	ug/L	96
37) 1,2-Dichloropropane	9.368	63	143111	23.250	ug/L	99
38) Bromodichloromethane	9.648	83	186307	24.037	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	226185	25.118	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	145187	46.161	ug/L	98
42) Toluene	10.386	91	597805	24.808	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	182205	24.053	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	107161	23.925	ug/L	95
46) Tetrachloroethene	10.861	164	111895	24.736	ug/L	97
48) 2-Hexanone	10.965	43	106739	44.132	ug/L	98
49) Dibromochloromethane	11.129	129	119288	24.471	ug/L	99
50) 1,2-Dibromoethane	11.233	107	98930	23.954	ug/L #	97
51) Chlorobenzene	11.654	112	389063	24.996	ug/L	90
52) Ethylbenzene	11.727	91	683522	24.779	ug/L	98
53) m,p-Xylene	11.837	106	265427	26.079	ug/L	84
54) o-Xylene	12.160	106	248097	25.905	ug/L	100
55) Styrene	12.178	104	425278	25.600	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	121368	22.702	ug/L	99
59) Bromoform	12.349	173	66362	22.218	ug/L	97
60) Isopropylbenzene	12.458	105	692619	24.927	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85663	21.819	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	556077	27.305	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	544504	25.718	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	285691	23.200	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	298213	23.440	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	266438	24.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18647	21.778	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	202512	23.560	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	173116	24.863	ug/L	100
71) Naphthalene	15.360	128	321036	25.391	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	145691	23.861	ug/L	99

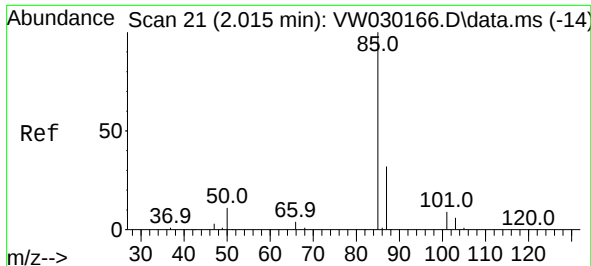
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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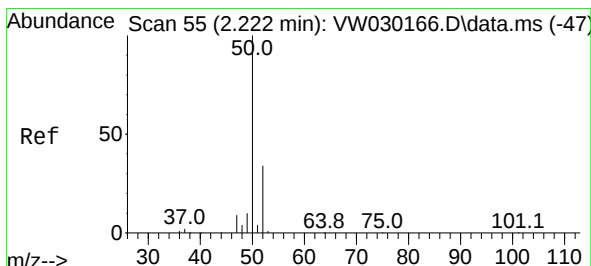
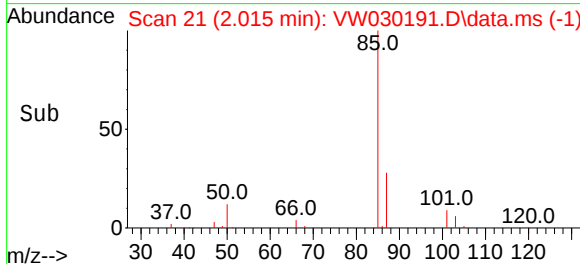
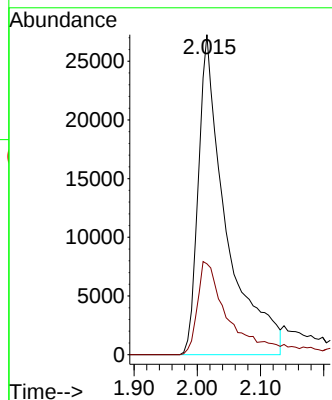
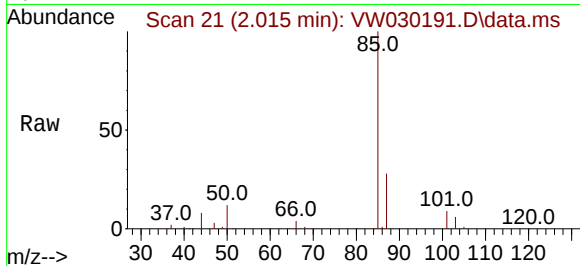




#2
 Dichlorodifluoromethane
 Concen: 17.787 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

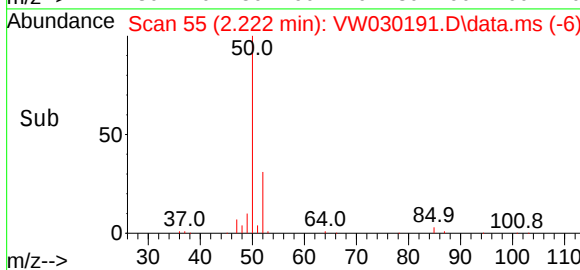
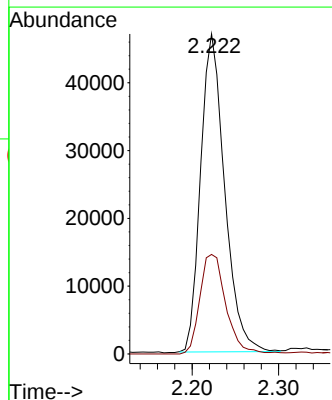
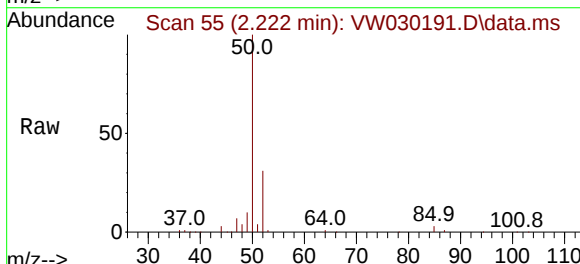
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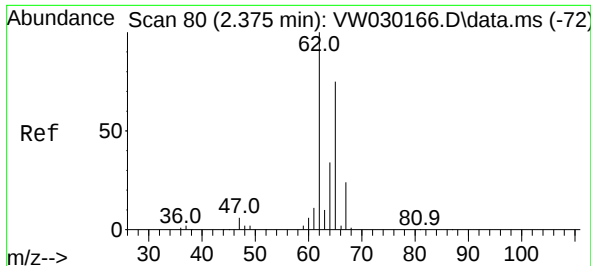
Tgt Ion: 85 Resp: 82853
 Ion Ratio Lower Upper
 85 100
 87 29.3 21.2 31.8



#3
 Chloromethane
 Concen: 20.801 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

Tgt Ion: 50 Resp: 90467
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.4 43.6

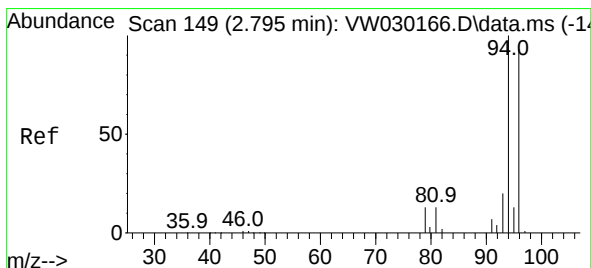
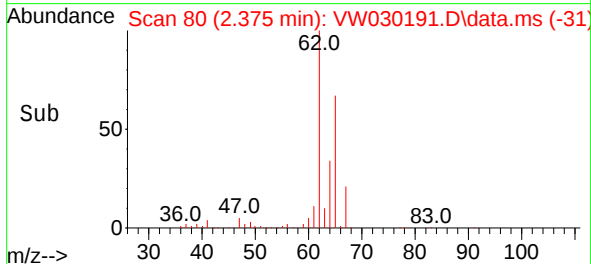
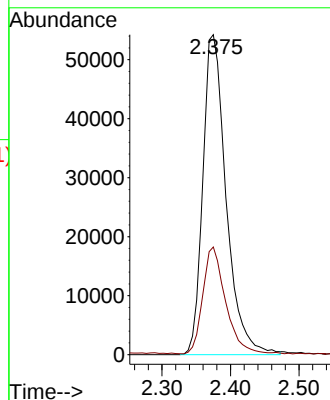
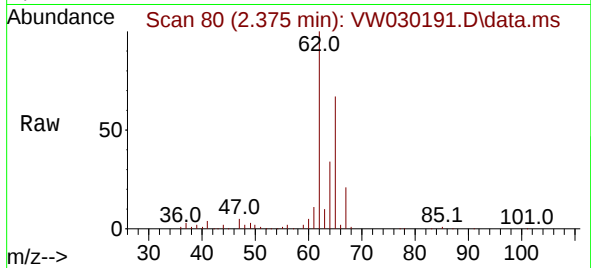




#5
 Vinyl chloride
 Concen: 23.985 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

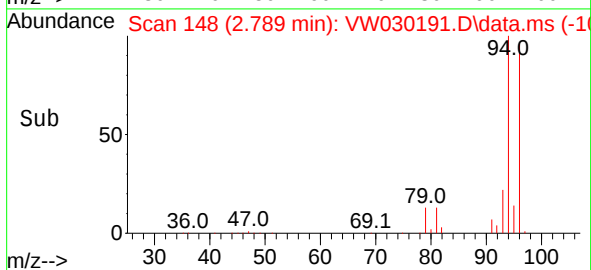
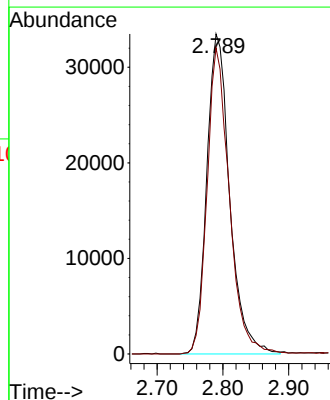
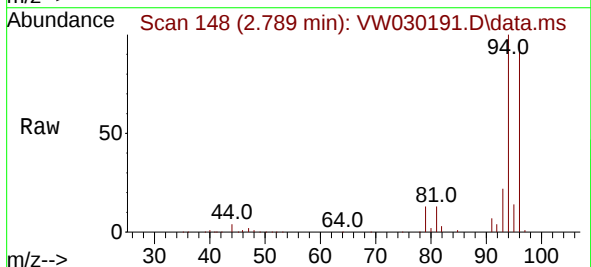
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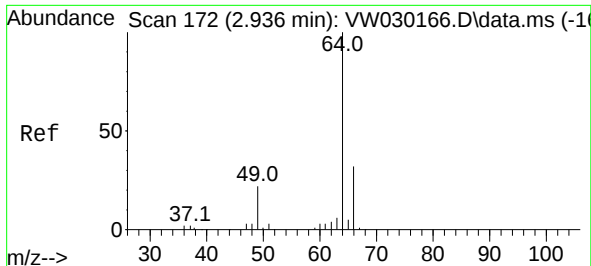
Tgt Ion: 62 Resp: 128559
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.0 42.8



#6
 Bromomethane
 Concen: 25.287 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

Tgt Ion: 94 Resp: 81195
 Ion Ratio Lower Upper
 94 100
 96 95.6 67.5 125.3

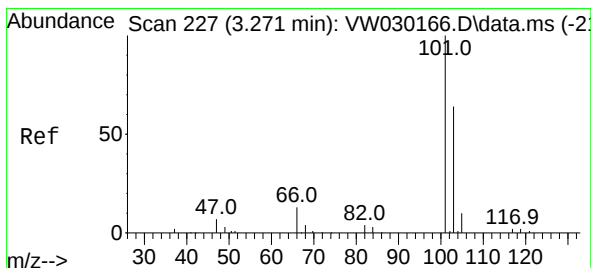
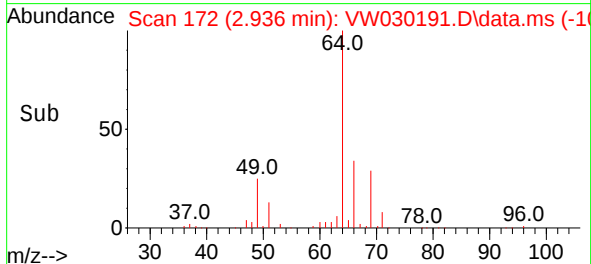
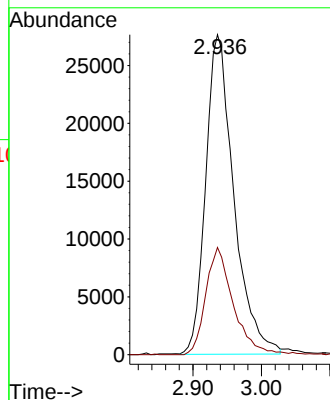
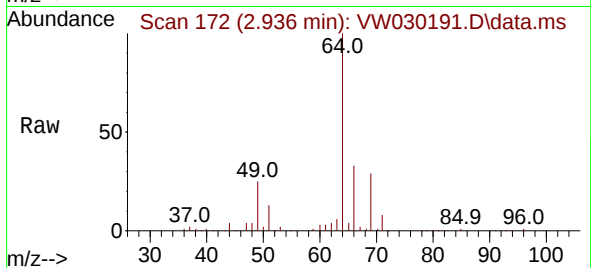




#8
Chloroethane
Concen: 24.643 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

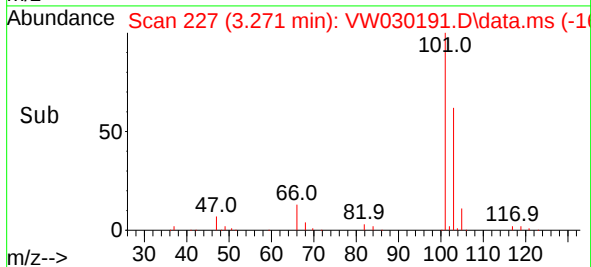
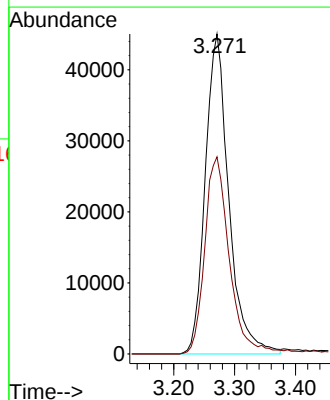
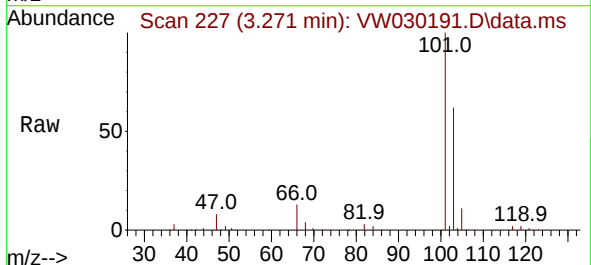
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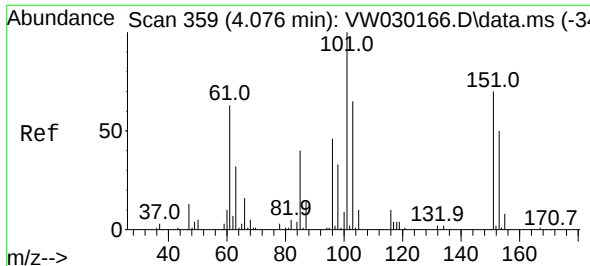
Tgt Ion: 64 Resp: 78832
Ion Ratio Lower Upper
64 100
66 33.5 21.1 39.3



#9
Trichlorofluoromethane
Concen: 19.122 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:101 Resp: 120877
Ion Ratio Lower Upper
101 100
103 62.6 51.8 77.6





#10

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

Concen: 20.886 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

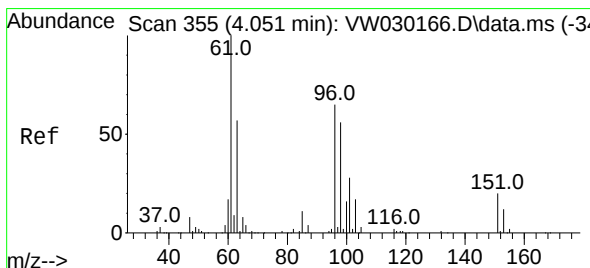
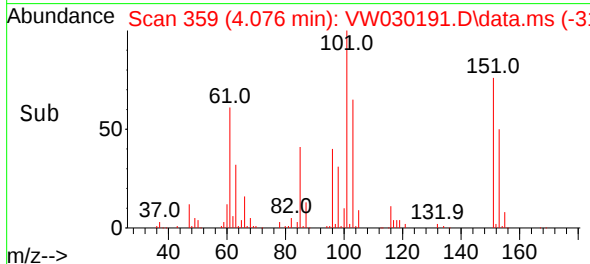
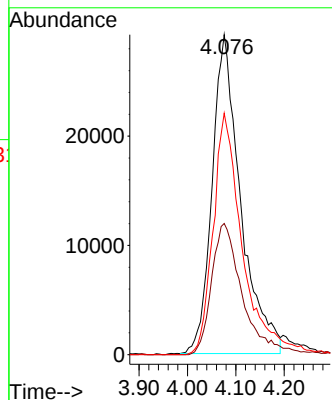
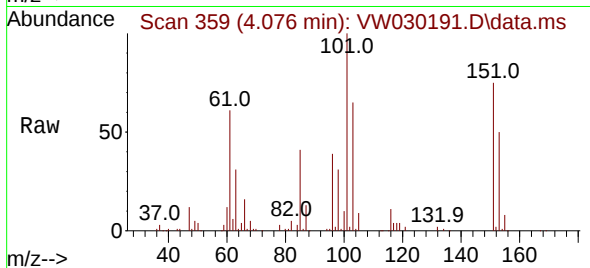
Tgt Ion:101 Resp: 119686

Ion Ratio Lower Upper

101 100

85 41.1 34.2 51.2

151 76.9 56.1 84.1



#12

1,1-Dichloroethene

Concen: 22.766 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

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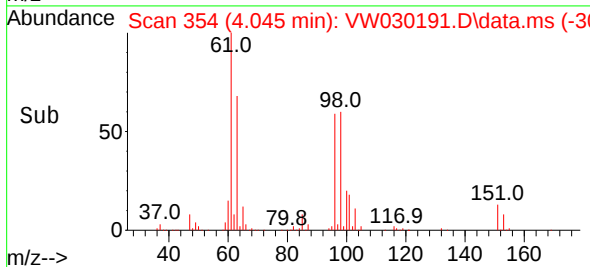
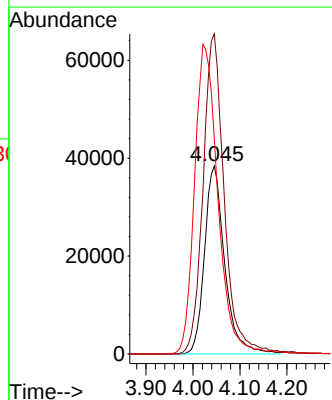
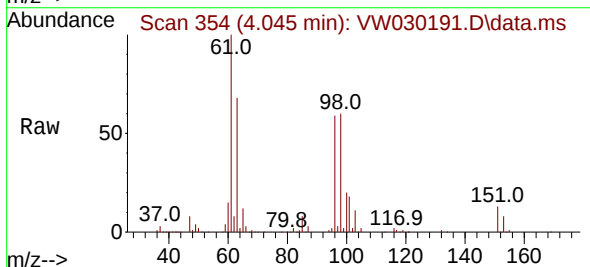
Tgt Ion: 96 Resp: 114804

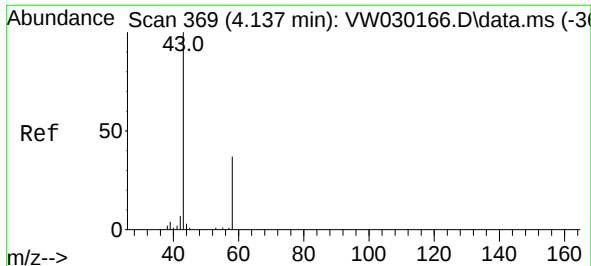
Ion Ratio Lower Upper

96 100

61 170.2 124.0 230.4

63 115.0 93.3 173.3

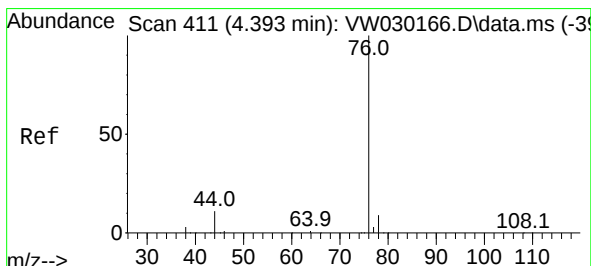
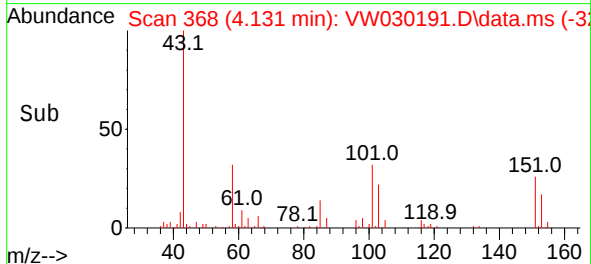
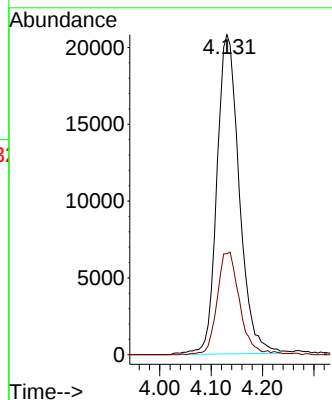
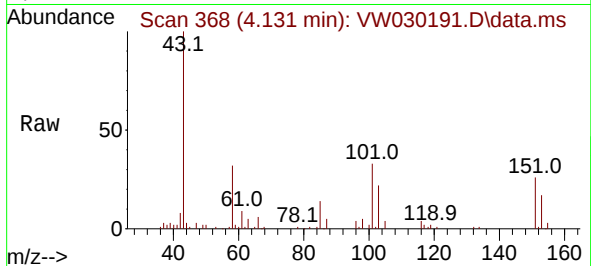




#13
Acetone
Concen: 41.404 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.006 min
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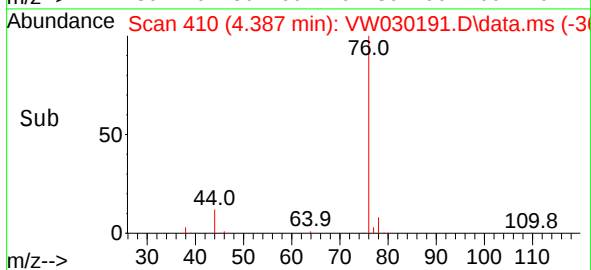
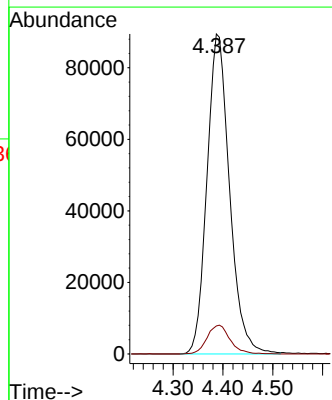
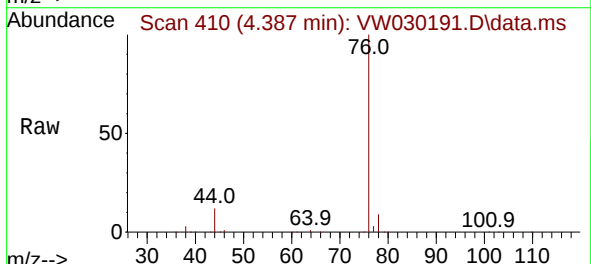
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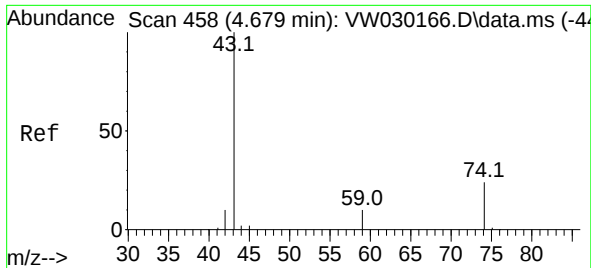
Tgt Ion: 43 Resp: 62751
Ion Ratio Lower Upper
43 100
58 31.9 0.0 65.0



#14
Carbon disulfide
Concen: 19.634 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 23 Sep 2024 09:51

Tgt Ion: 76 Resp: 281257
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

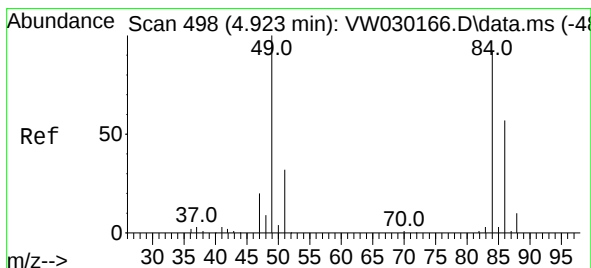
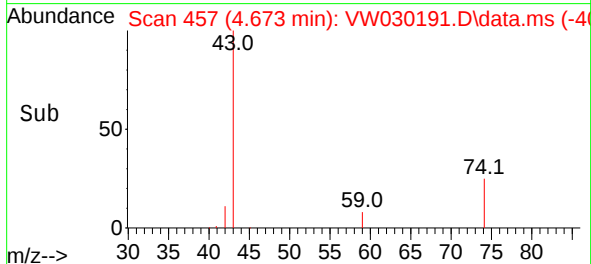
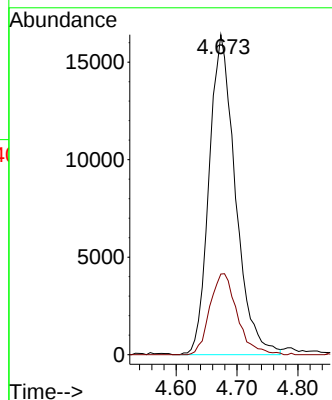
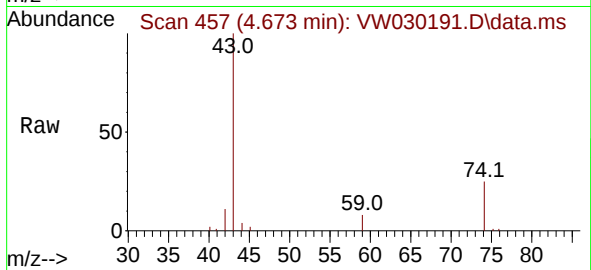




#15
Methyl Acetate
Concen: 20.103 ug/L
RT: 4.673 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

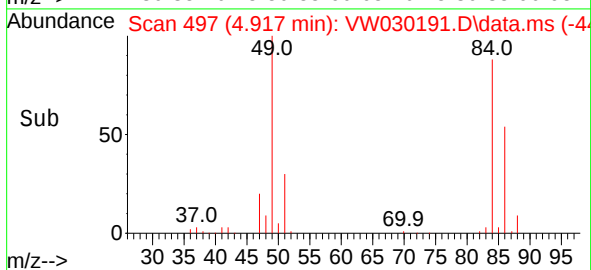
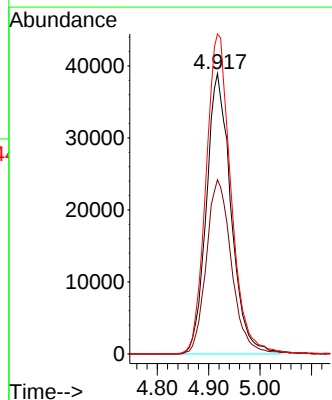
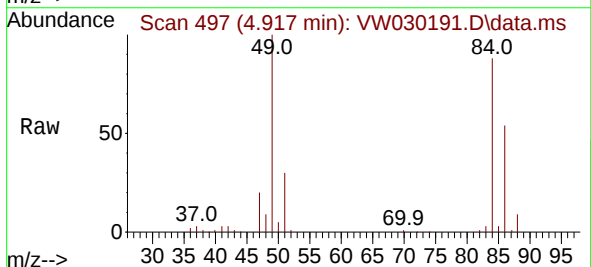
Instrument :
MSVOA_W
ClientSampleId :

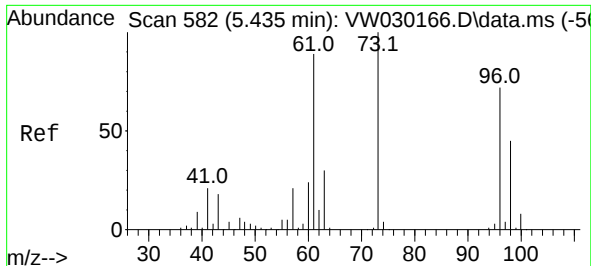
Tgt Ion: 43 Resp: 49272
Ion Ratio Lower Upper
43 100
74 26.2 18.9 28.3



#16
Methylene chloride
Concen: 20.746 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion: 84 Resp: 129235
Ion Ratio Lower Upper
84 100
86 62.1 44.6 82.8
49 114.1 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 22.335 ug/L

RT: 5.429 min Scan# 582

Delta R.T. -0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

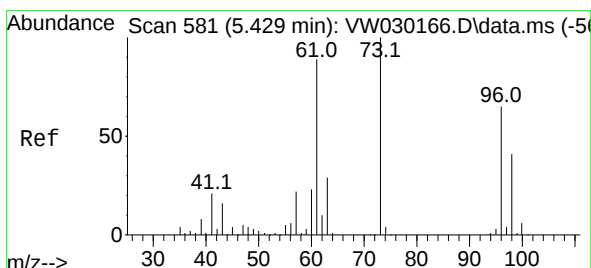
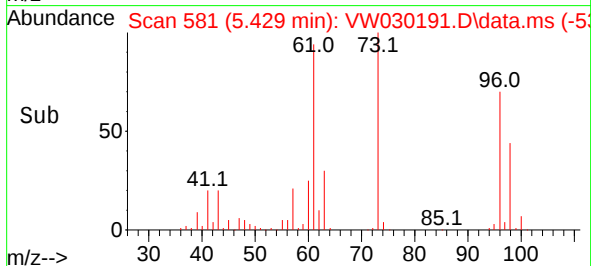
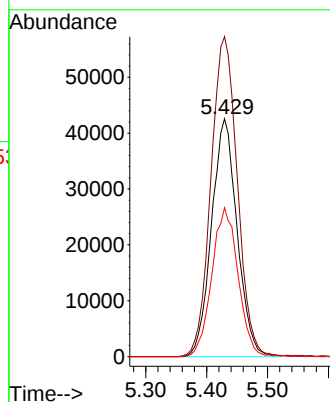
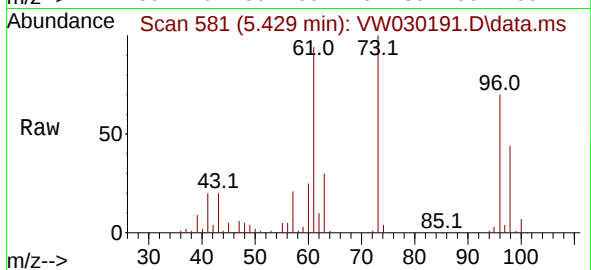
Tgt Ion: 96 Resp: 124164

Ion Ratio Lower Upper

96 100

61 134.5 100.8 187.2

98 62.6 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 25.067 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

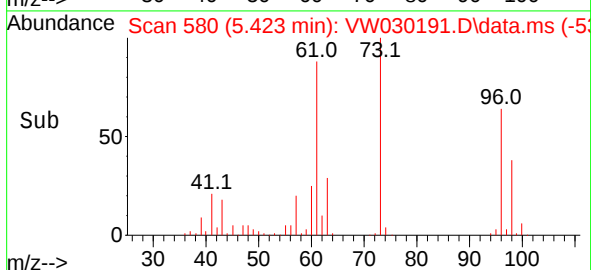
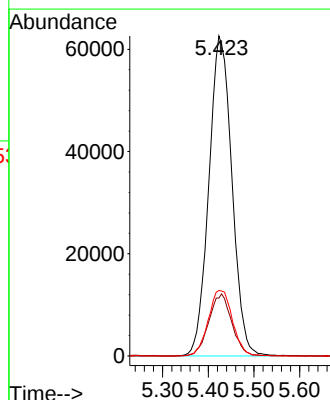
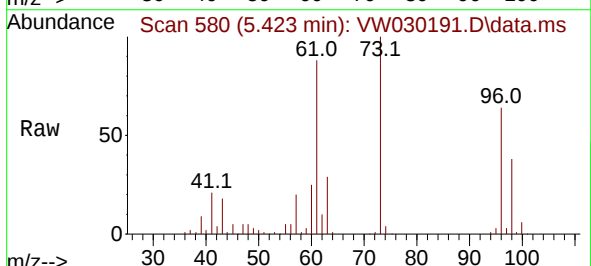
Tgt Ion: 73 Resp: 219614

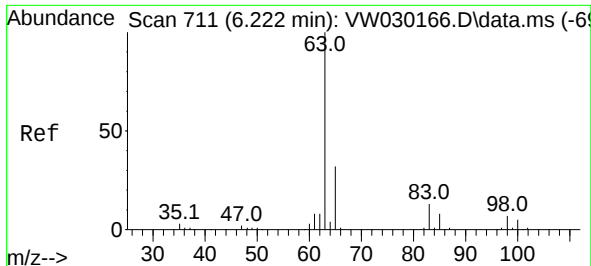
Ion Ratio Lower Upper

73 100

43 18.9 15.7 23.5

57 21.4 18.8 28.2





#19

1,1-Dichloroethane

Concen: 22.275 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

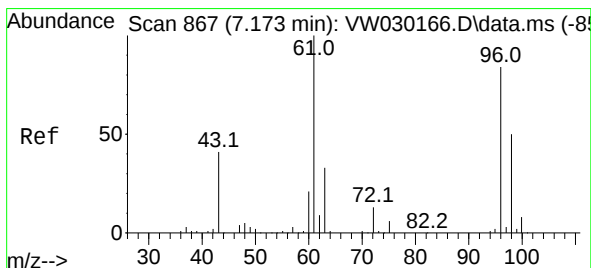
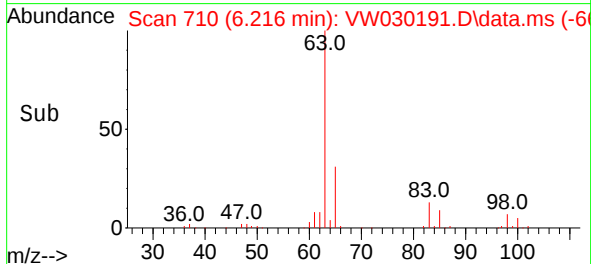
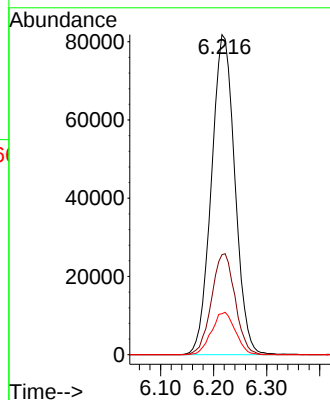
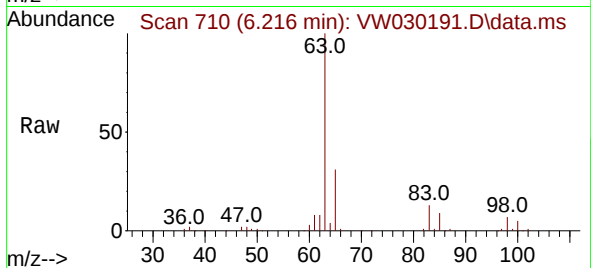
Tgt Ion: 63 Resp: 251441

Ion Ratio Lower Upper

63 100

65 31.3 21.6 40.0

83 12.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.359 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

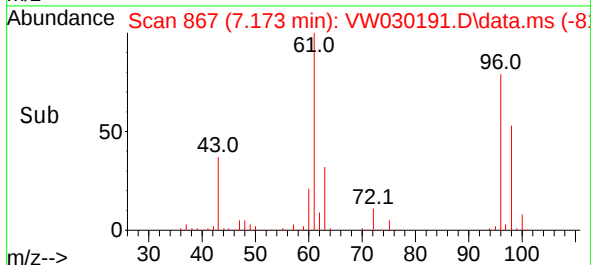
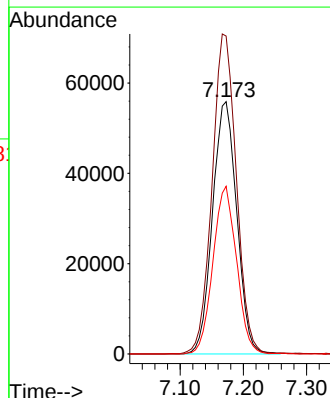
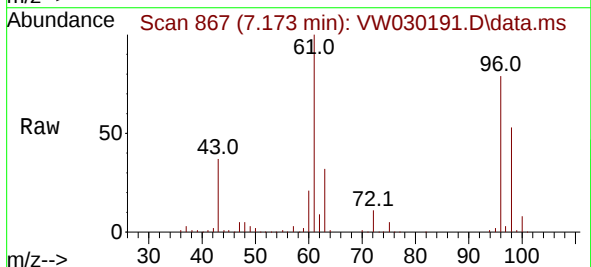
Tgt Ion: 96 Resp: 148609

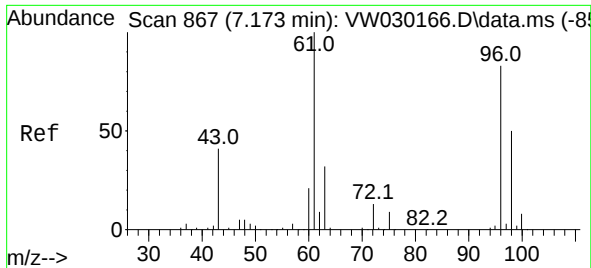
Ion Ratio Lower Upper

96 100

61 126.0 89.5 166.3

98 66.5 44.3 82.3

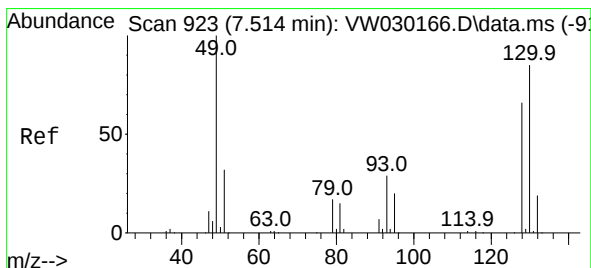
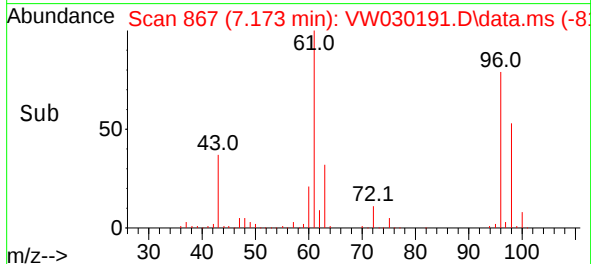
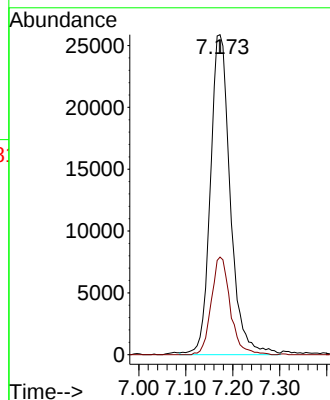
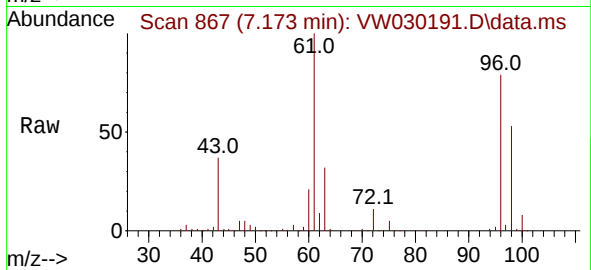




#22
2-Butanone
Concen: 42.435 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

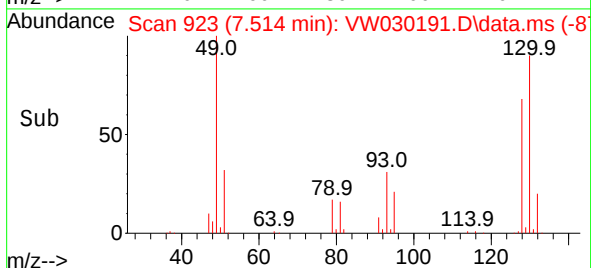
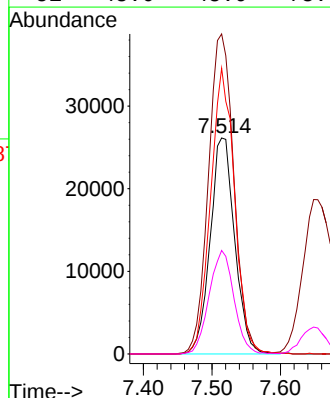
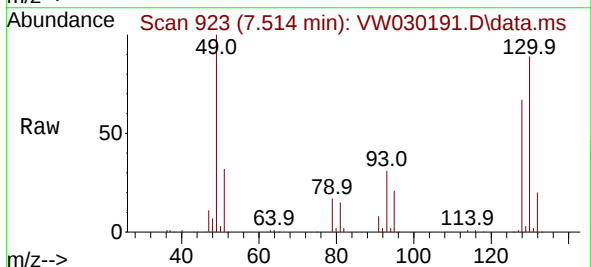
Instrument :
MSVOA_W
ClientSampleId :

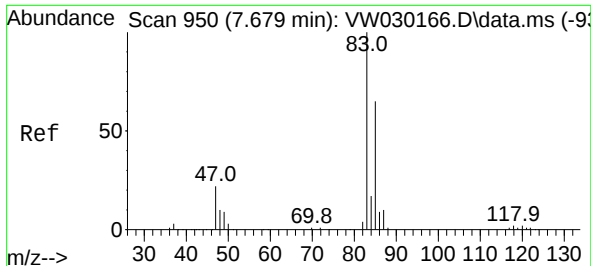
Tgt Ion: 43 Resp: 76130
Ion Ratio Lower Upper
43 100
72 29.0 13.9 41.7



#23
Bromochloromethane
Concen: 23.794 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:128 Resp: 64874
Ion Ratio Lower Upper
128 100
49 148.2 126.1 234.1
130 132.3 85.9 159.5
51 48.0 48.9 73.3#





#25

Chloroform

Concen: 23.102 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

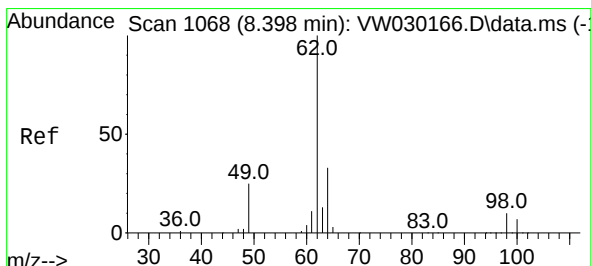
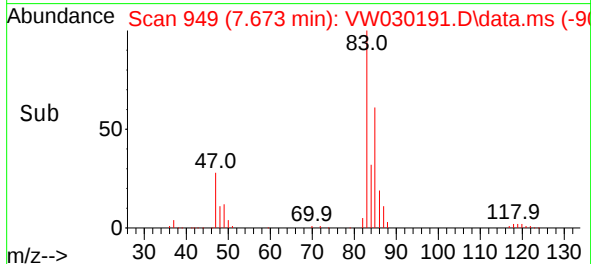
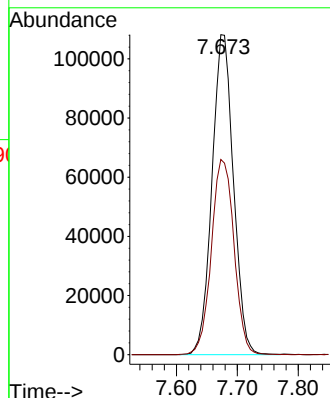
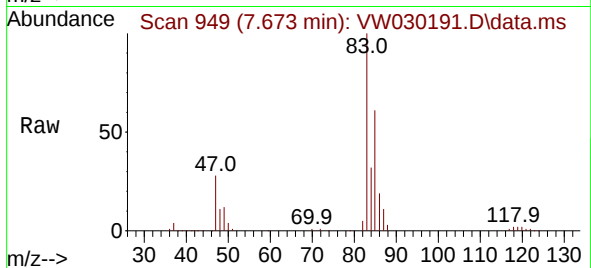
ClientSampleId :

Tgt Ion: 83 Resp: 264862

Ion Ratio Lower Upper

83 100

85 61.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 22.933 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030191.D

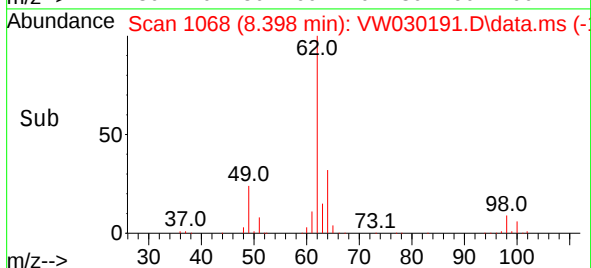
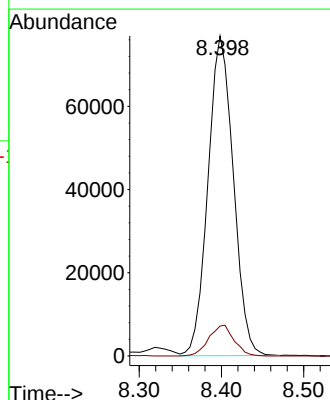
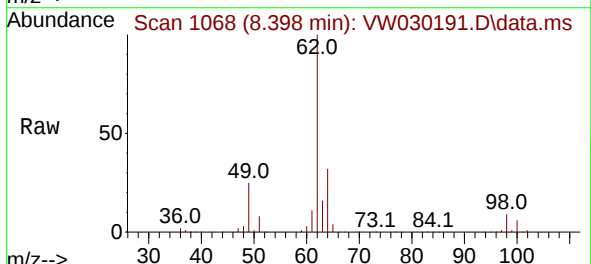
Acq: 23 Sep 2024 09:51

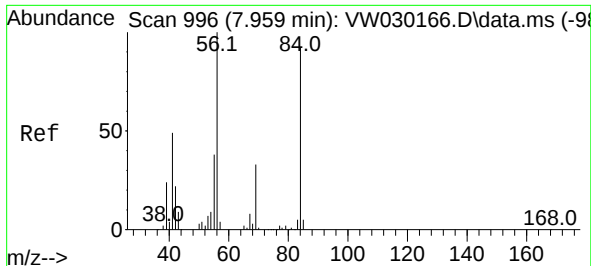
Tgt Ion: 62 Resp: 164878

Ion Ratio Lower Upper

62 100

98 9.3 7.3 10.9





#29

Cyclohexane

Concen: 23.452 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

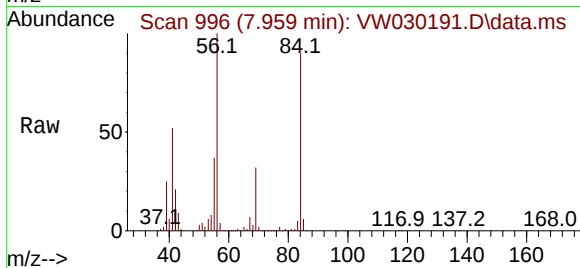
Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



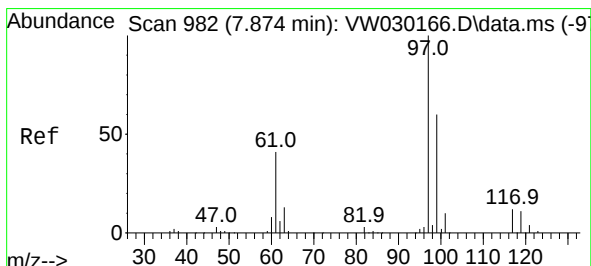
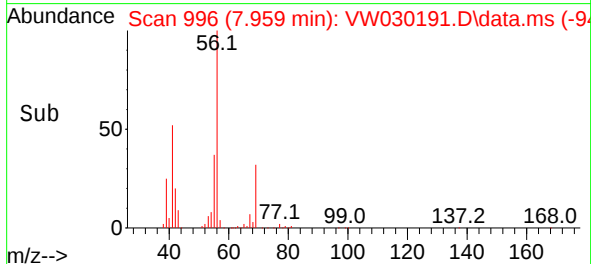
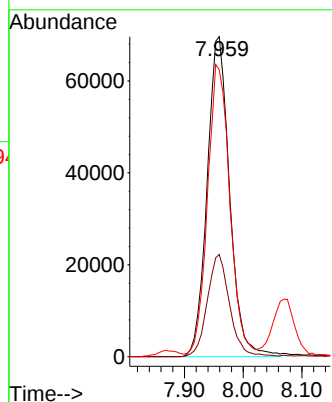
Tgt Ion: 56 Resp: 185593

Ion Ratio Lower Upper

56 100

69 31.6 24.6 37.0

84 89.9 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 24.237 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

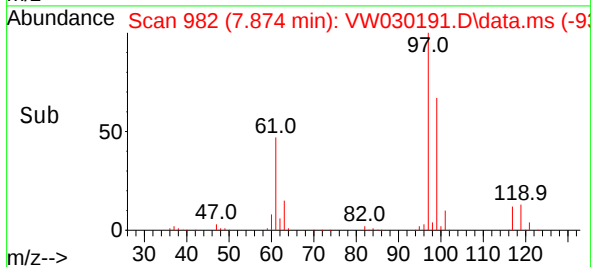
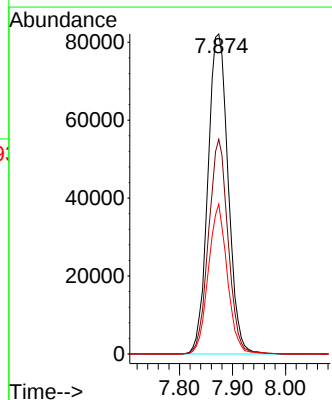
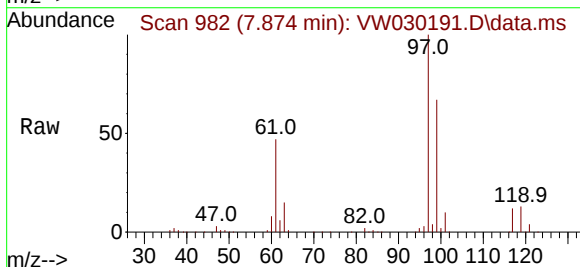
Tgt Ion: 97 Resp: 217759

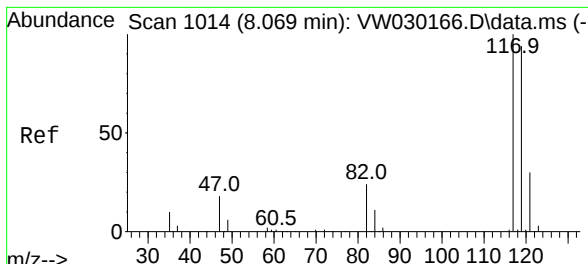
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.9 36.4 54.6



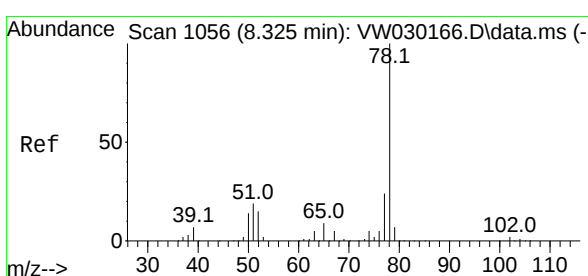
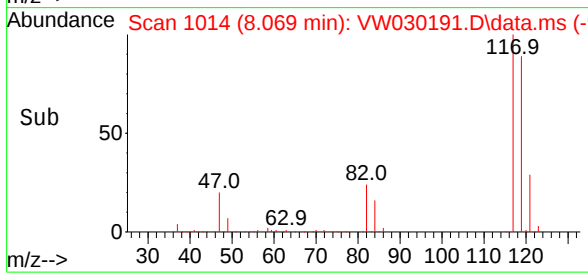
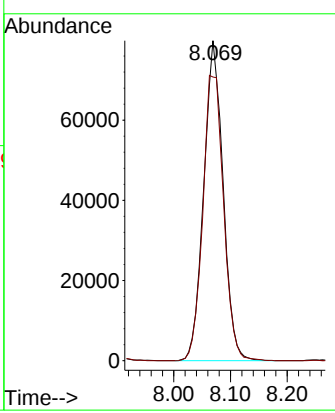
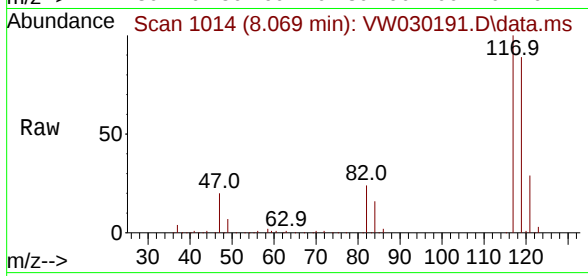


#31
Carbon tetrachloride
Concen: 23.190 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Instrument : MSVOA_W
ClientSampleId :

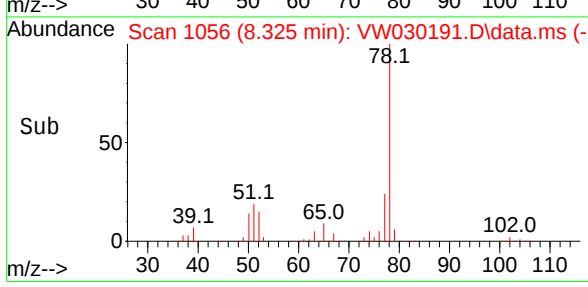
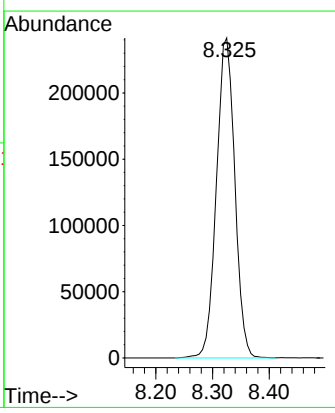
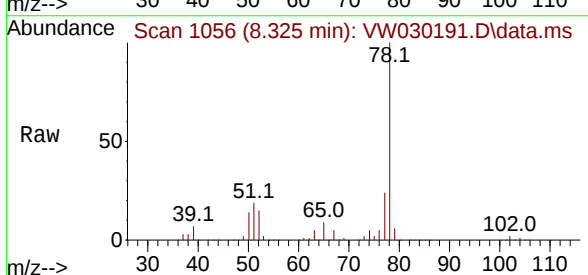
Tgt Ion:117 Resp: 189324

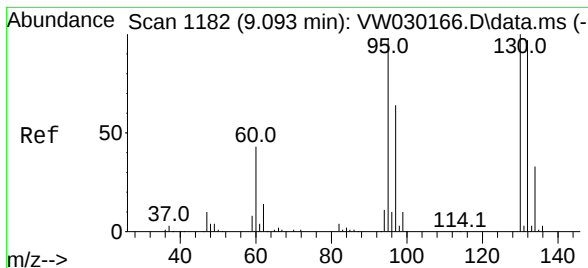
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.4



#33
Benzene
Concen: 23.926 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion: 78 Resp: 543363





#34

Trichloroethene

Concen: 24.037 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 147360

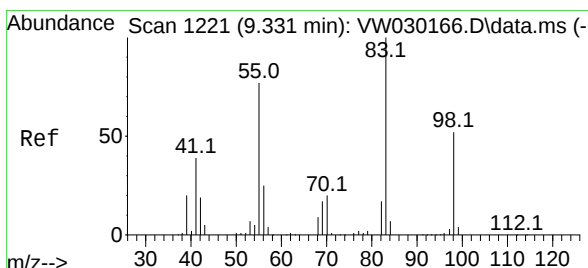
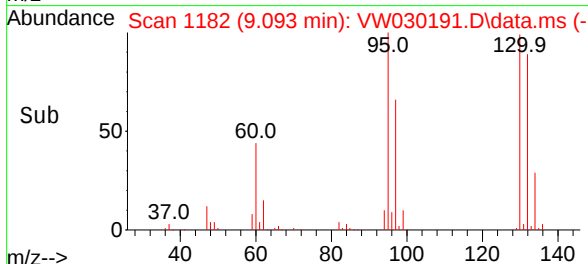
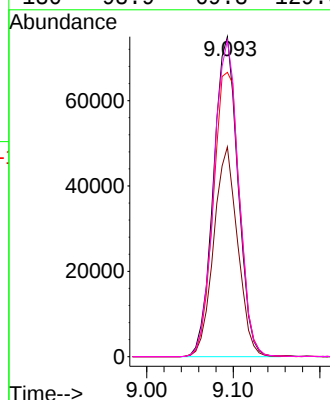
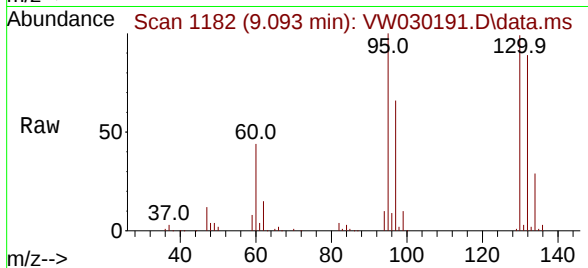
Ion Ratio Lower Upper

95 100

97 65.5 45.2 84.0

132 88.8 64.8 120.3

130 98.9 69.8 129.6



#35

Methylcyclohexane

Concen: 23.603 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

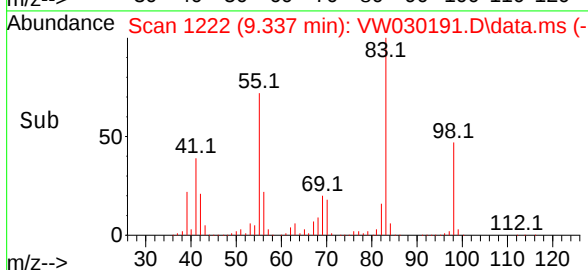
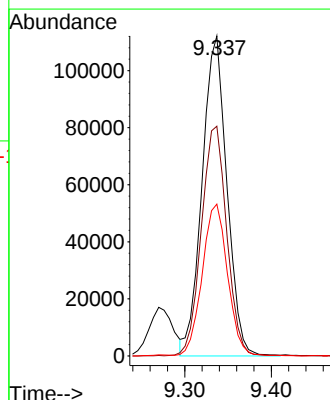
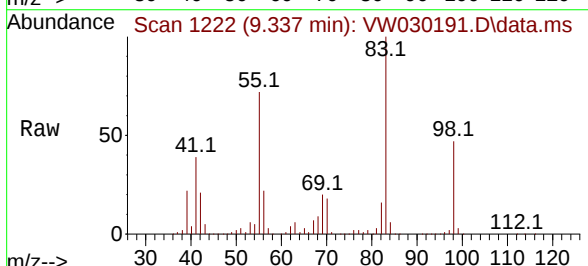
Tgt Ion: 83 Resp: 223080

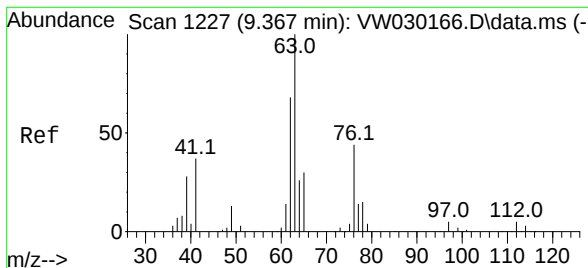
Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.6

98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.250 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

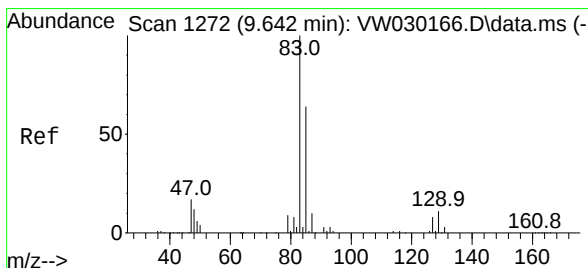
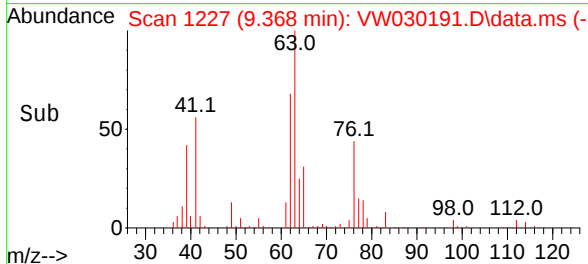
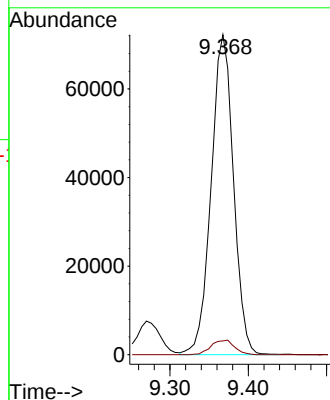
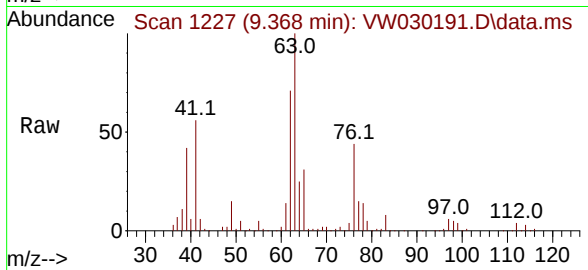
ClientSampleId :

Tgt Ion: 63 Resp: 143111

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 24.037 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

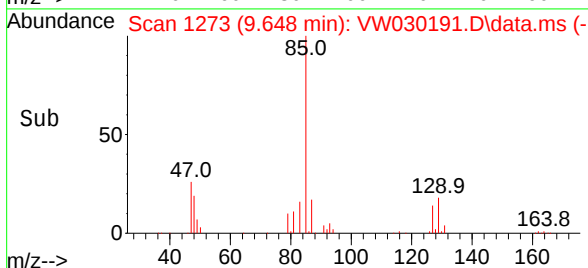
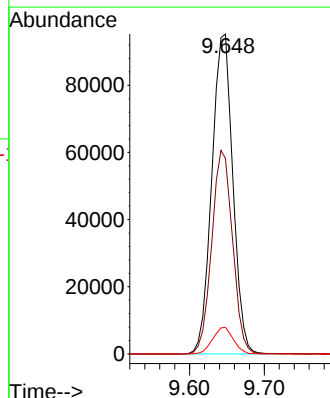
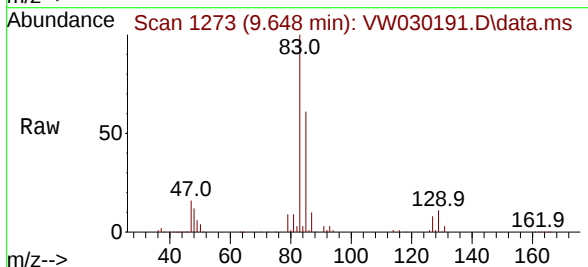
Tgt Ion: 83 Resp: 186307

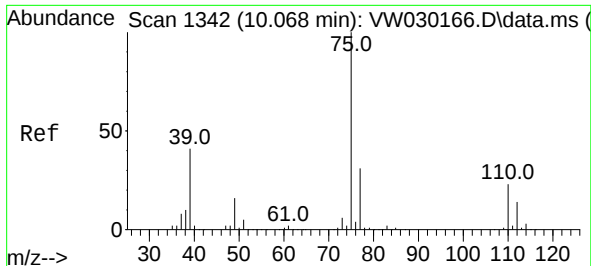
Ion Ratio Lower Upper

83 100

85 61.1 42.6 79.0

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.118 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

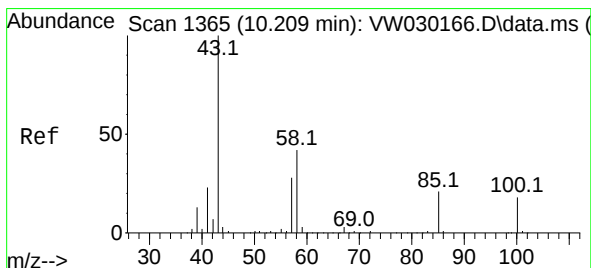
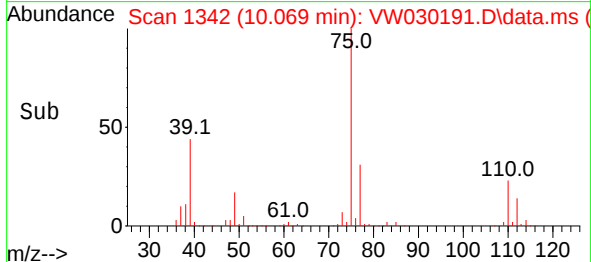
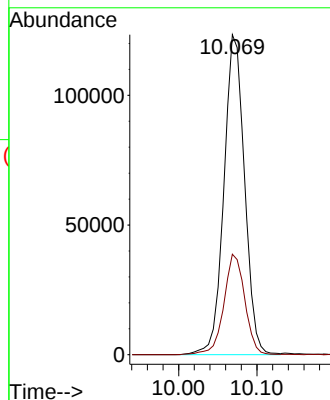
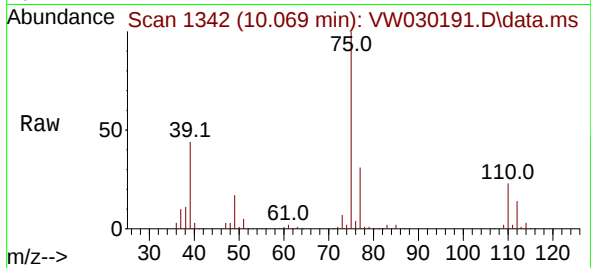
ClientSampleId :

Tgt Ion: 75 Resp: 226185

Ion Ratio Lower Upper

75 100

77 31.4 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 46.161 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

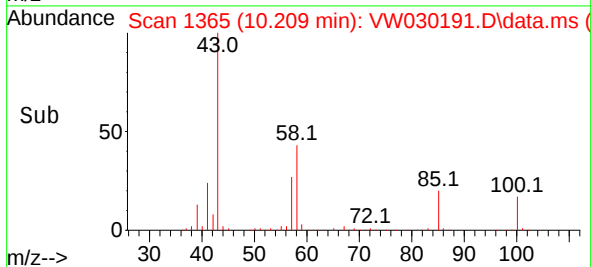
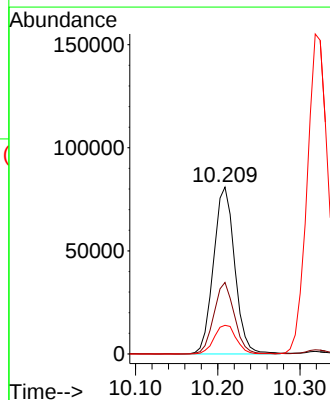
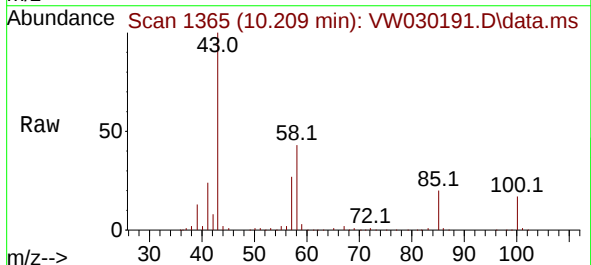
Tgt Ion: 43 Resp: 145187

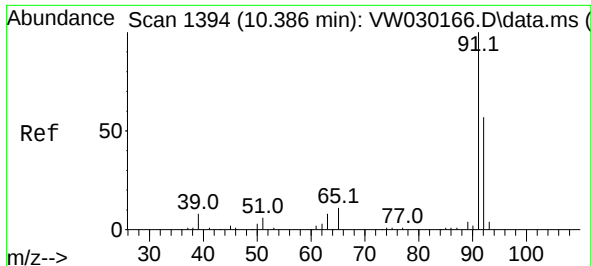
Ion Ratio Lower Upper

43 100

58 41.4 32.7 49.1

100 17.9 12.7 19.1





#42

Toluene

Concen: 24.808 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

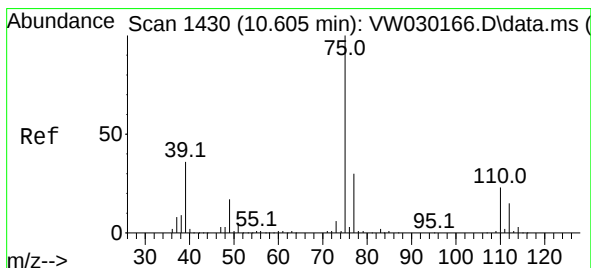
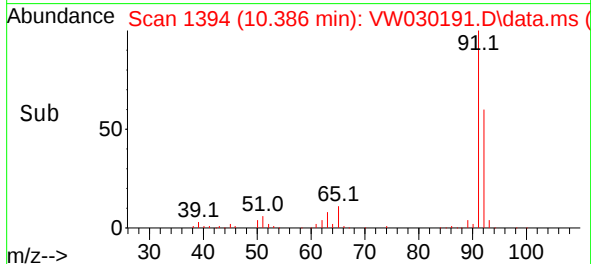
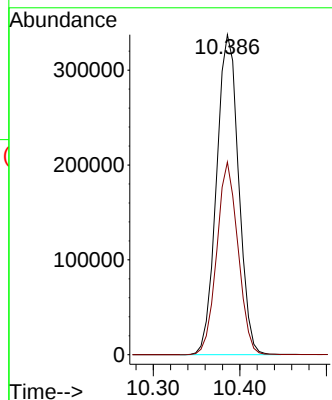
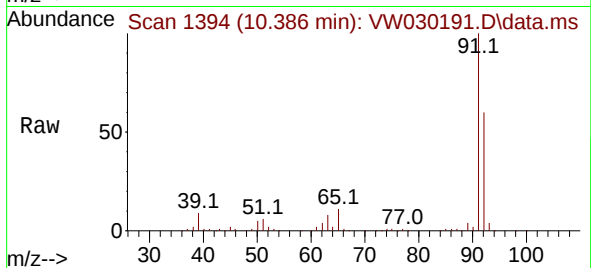
ClientSampleId :

Tgt Ion: 91 Resp: 597805

Ion Ratio Lower Upper

91 100

92 60.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 24.053 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030191.D

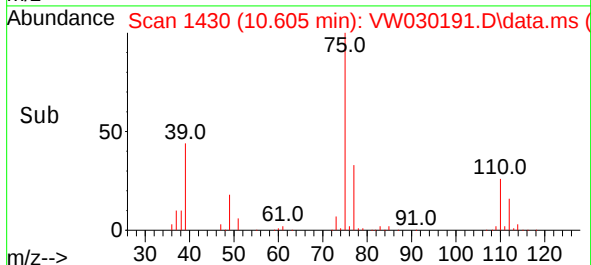
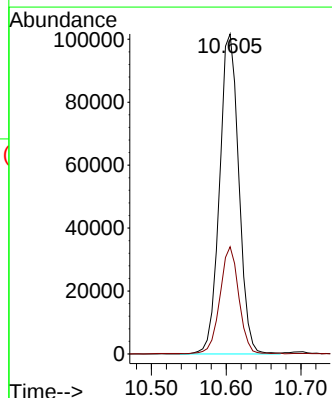
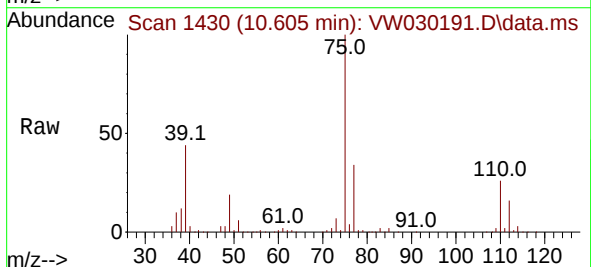
Acq: 23 Sep 2024 09:51

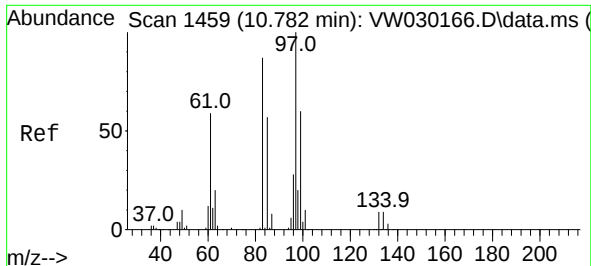
Tgt Ion: 75 Resp: 182205

Ion Ratio Lower Upper

75 100

77 33.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 23.925 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 107161

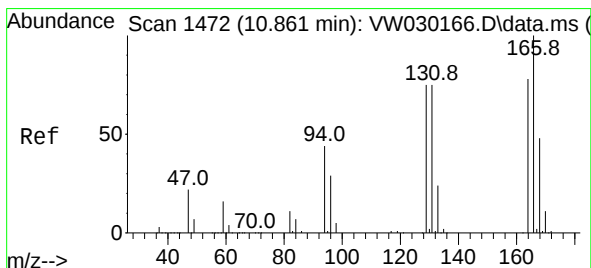
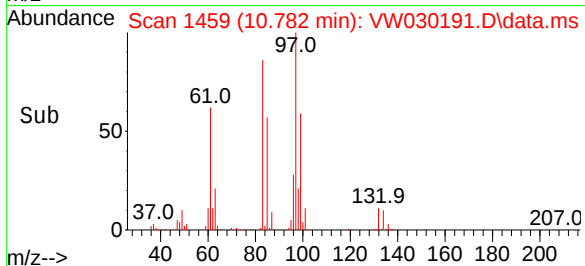
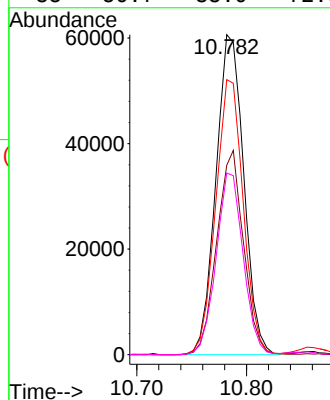
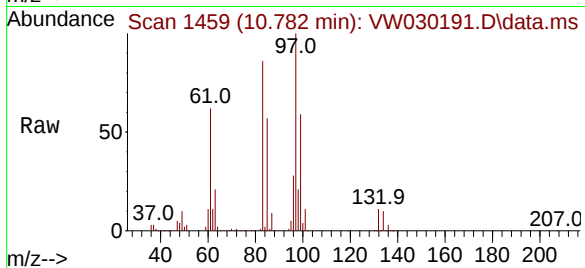
Ion Ratio Lower Upper

97 100

99 59.2 45.6 84.8

83 86.0 64.0 119.0

85 56.7 38.9 72.3



#46

Tetrachloroethene

Concen: 24.736 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Tgt Ion:164 Resp: 111895

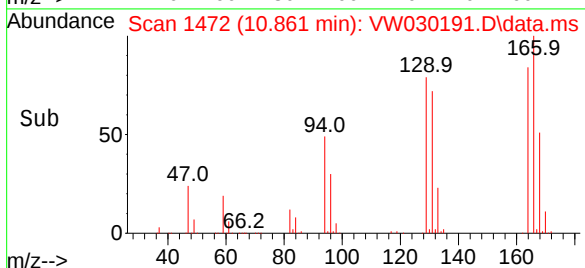
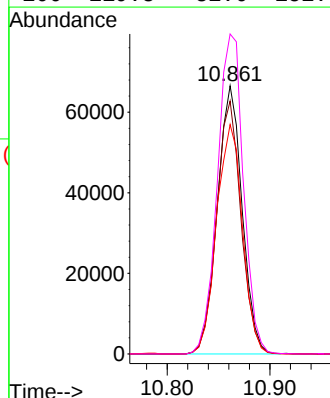
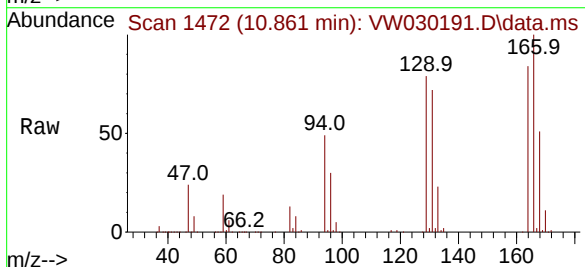
Ion Ratio Lower Upper

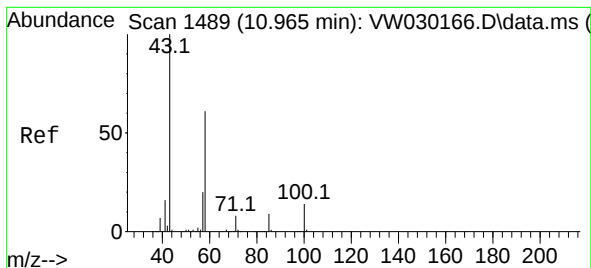
164 100

129 94.3 66.0 122.6

131 85.6 64.8 120.4

166 119.3 81.6 151.6





#48

2-Hexanone

Concen: 44.132 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

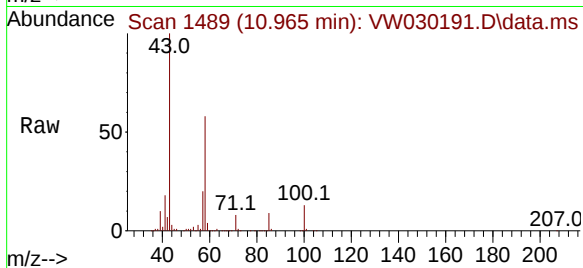
Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 106739

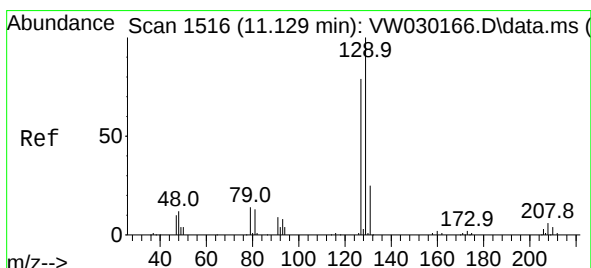
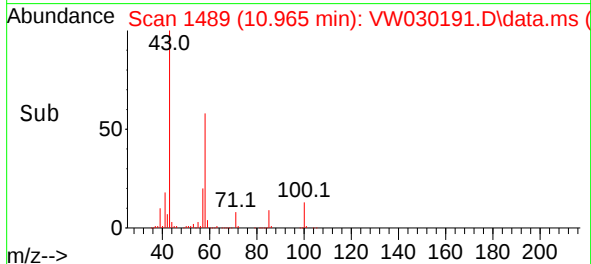
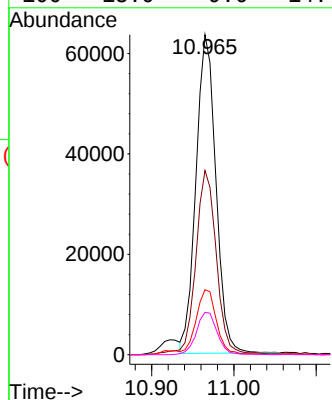
Ion Ratio Lower Upper

43 100

58 56.9 44.8 67.2

57 20.8 15.4 23.2

100 13.9 9.6 14.4



#49

Dibromochloromethane

Concen: 24.471 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030191.D

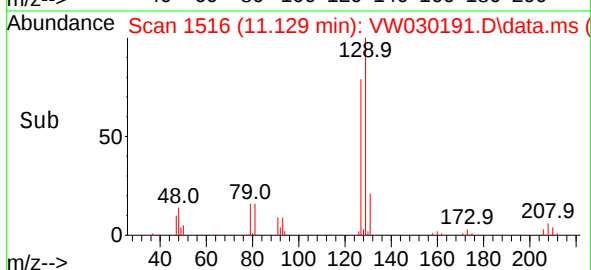
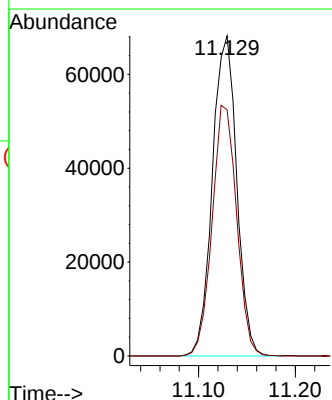
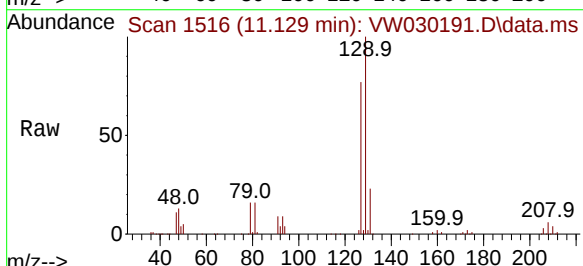
Acq: 23 Sep 2024 09:51

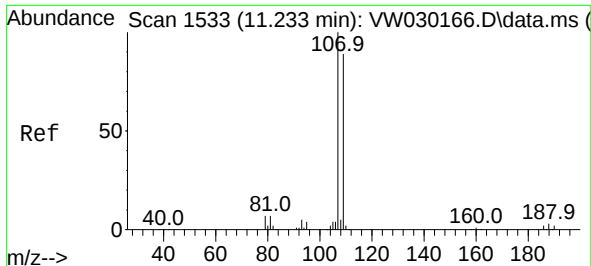
Tgt Ion:129 Resp: 119288

Ion Ratio Lower Upper

129 100

127 76.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 23.954 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030191.D

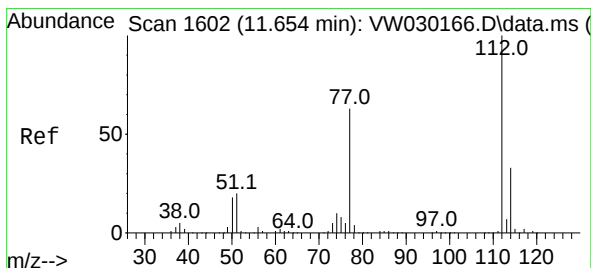
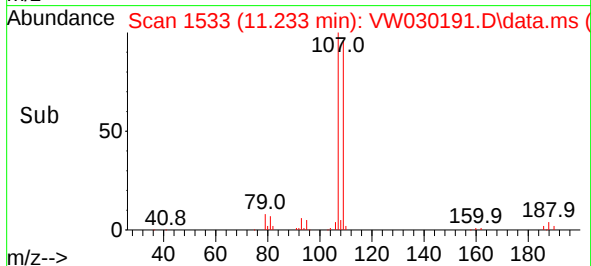
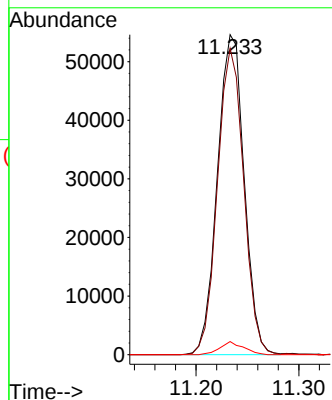
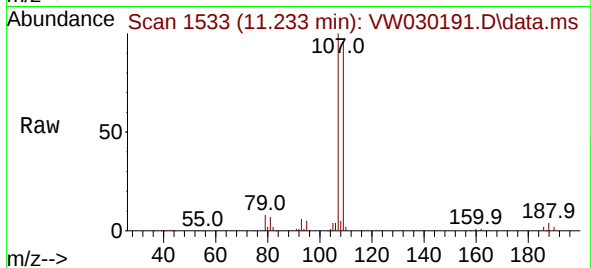
Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	98930
Ion Ratio	Lower	Upper	
107	100		
109	95.7	68.7	127.7
188	4.1	2.6	4.0#



#51

Chlorobenzene

Concen: 24.996 ug/L

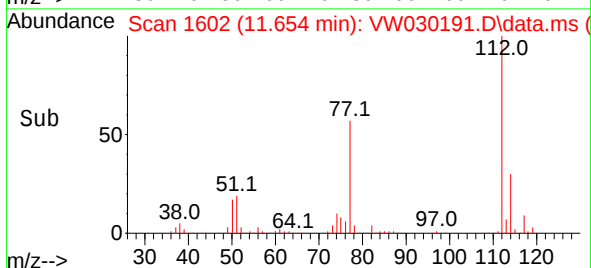
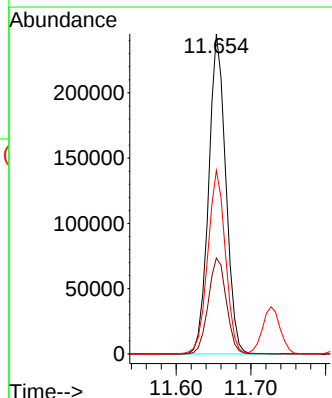
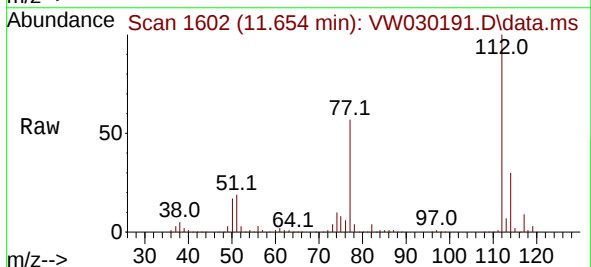
RT: 11.654 min Scan# 1602

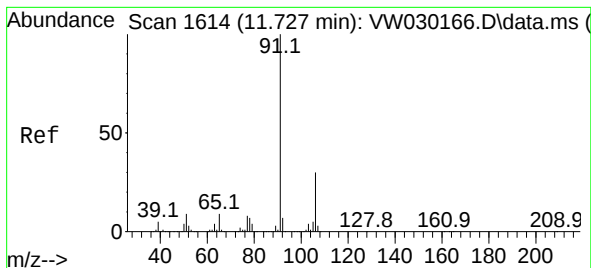
Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Tgt Ion:	112	Resp:	389063
Ion Ratio	Lower	Upper	
112	100		
114	30.0	23.8	44.2
77	57.3	52.9	79.3

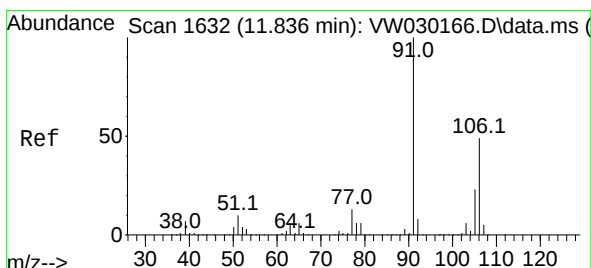
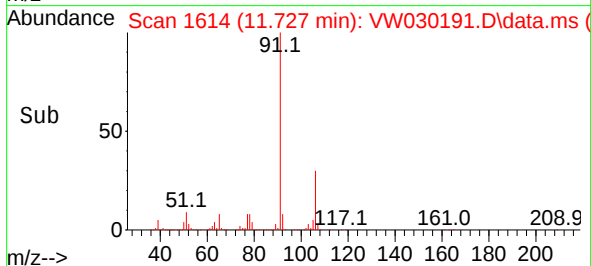
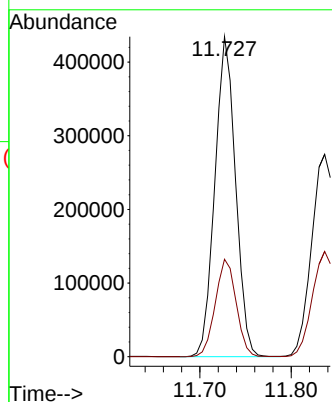
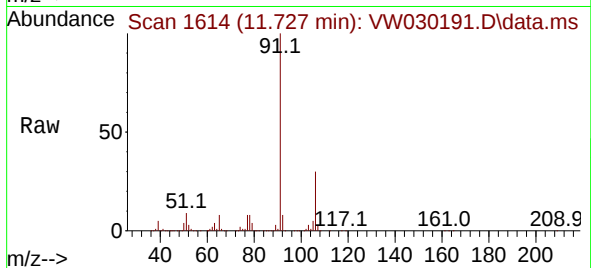




#52
Ethylbenzene
Concen: 24.779 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

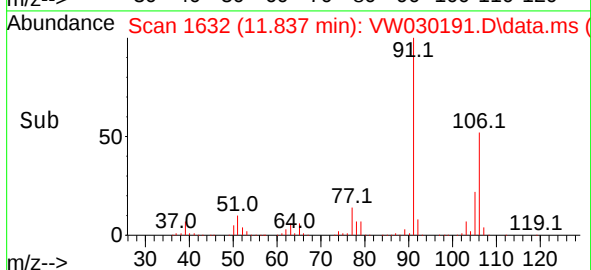
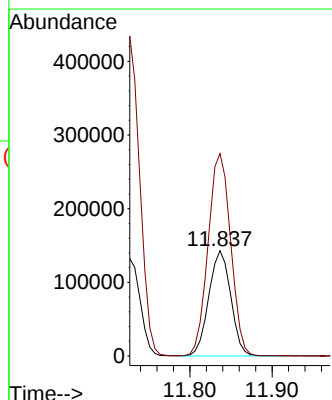
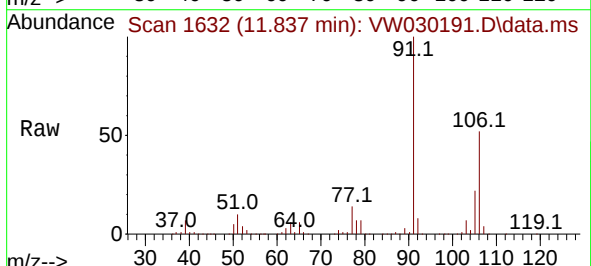
Instrument :
MSVOA_W
ClientSampleId :

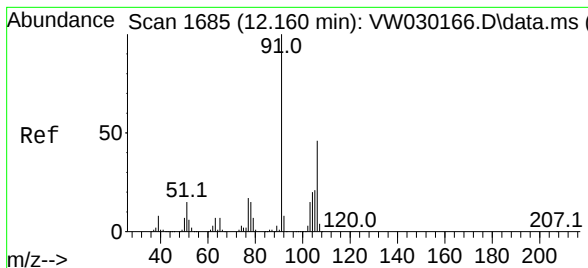
Tgt Ion: 91 Resp: 683522
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 26.079 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:106 Resp: 265427
Ion Ratio Lower Upper
106 100
91 192.3 152.9 283.9

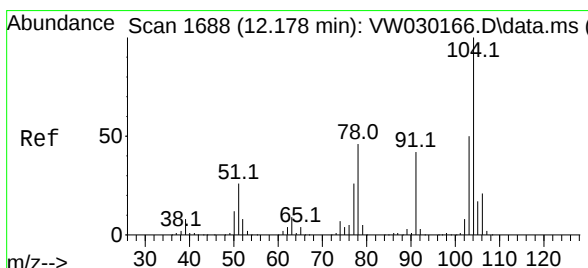
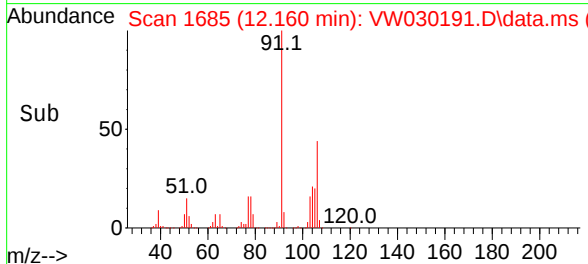
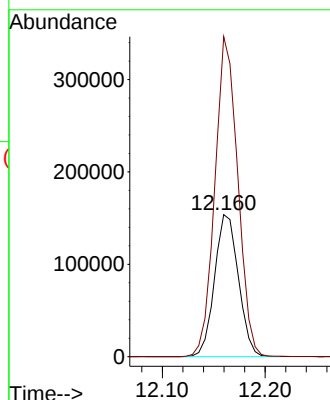
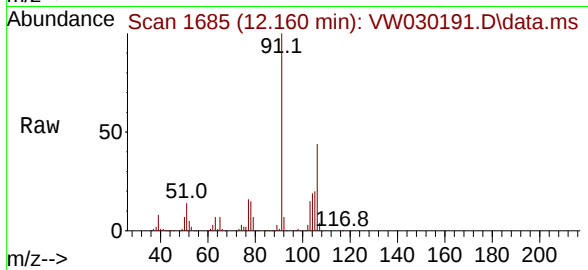




#54
o-Xylene
Concen: 25.905 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

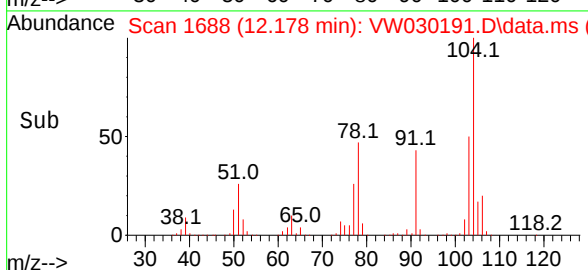
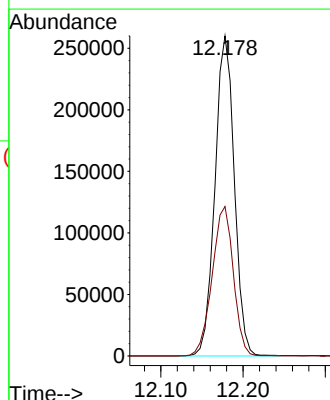
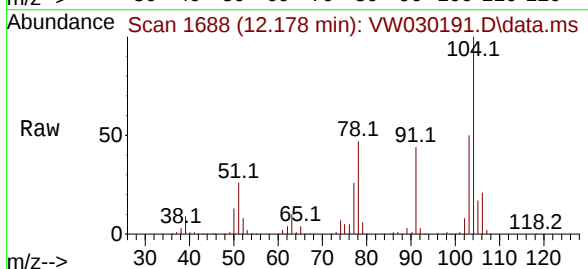
Instrument :
MSVOA_W
ClientSampleId :

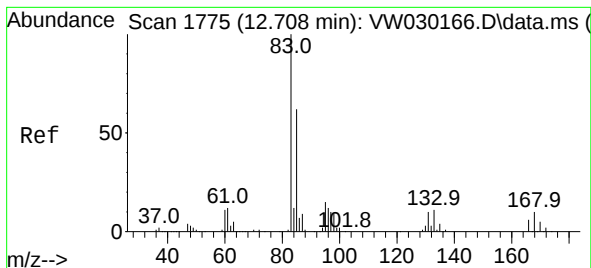
Tgt Ion:106 Resp: 248097
Ion Ratio Lower Upper
106 100
91 225.2 158.1 293.7



#55
Styrene
Concen: 25.600 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:104 Resp: 425278
Ion Ratio Lower Upper
104 100
78 46.7 31.4 58.2

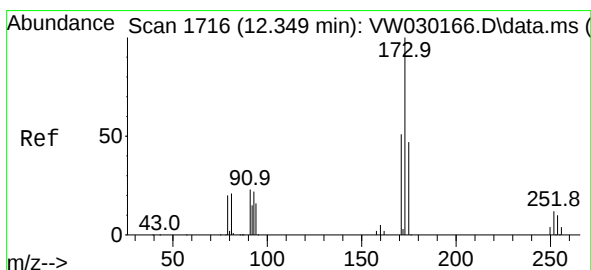
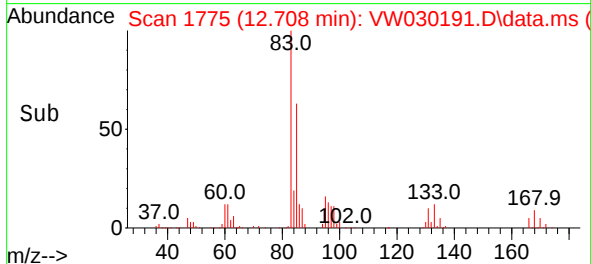
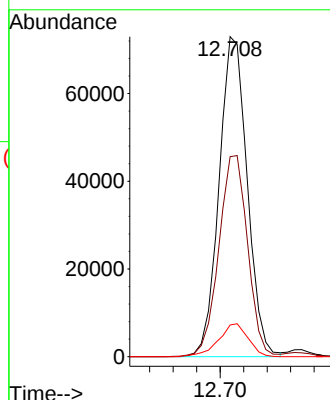
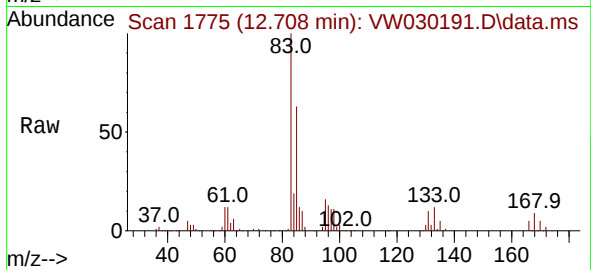




#57
1,1,2,2-Tetrachloroethane
Concen: 22.702 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

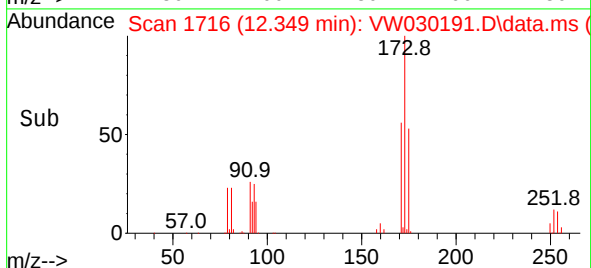
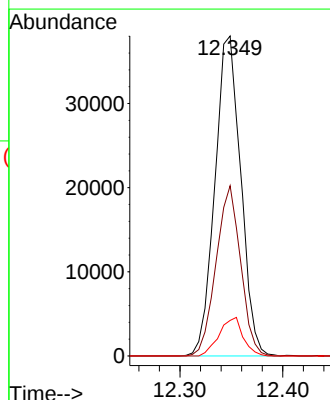
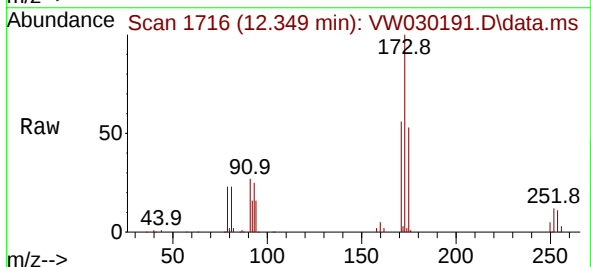
Instrument :
MSVOA_W
ClientSampleId :

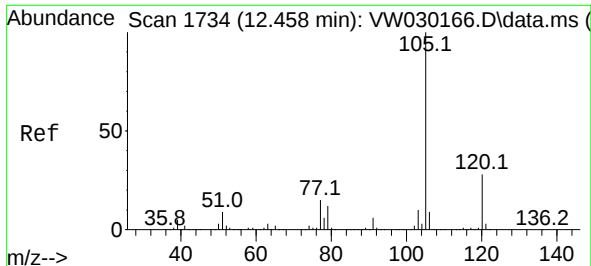
Tgt Ion: 83 Resp: 121368
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7
131 9.9 7.4 11.2



#59
Bromoform
Concen: 22.218 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:173 Resp: 66362
Ion Ratio Lower Upper
173 100
175 50.4 38.6 57.8
254 11.1 7.7 11.5





#60

Isopropylbenzene

Concen: 24.927 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

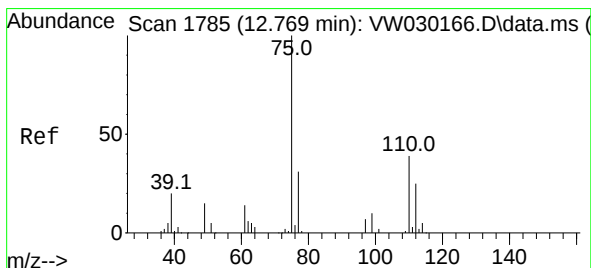
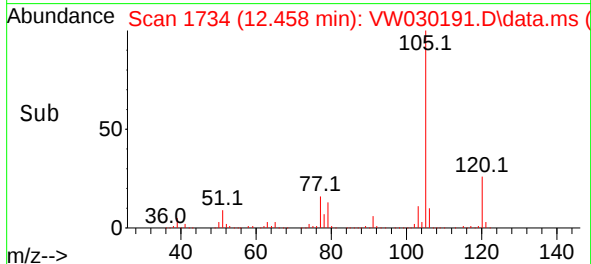
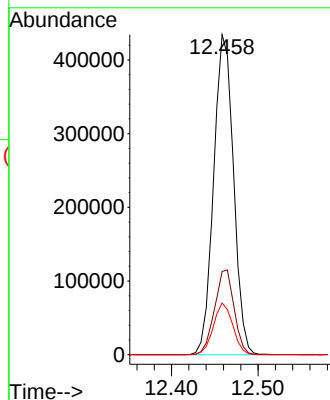
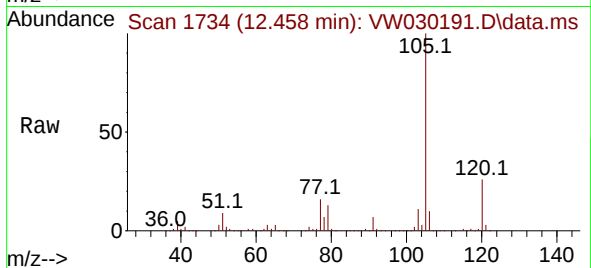
Tgt Ion:105 Resp: 692619

Ion Ratio Lower Upper

105 100

120 26.1 20.2 30.2

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 21.819 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030191.D

Acq: 23 Sep 2024 09:51

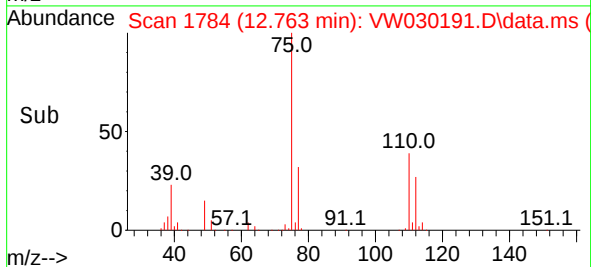
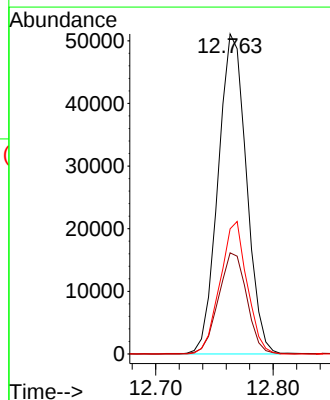
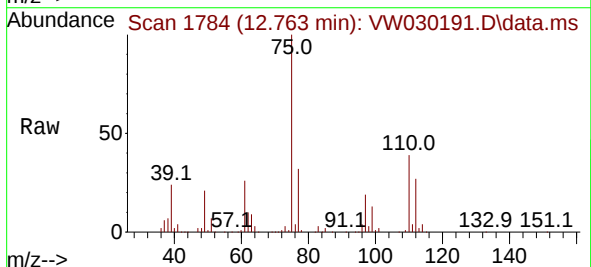
Tgt Ion: 75 Resp: 85663

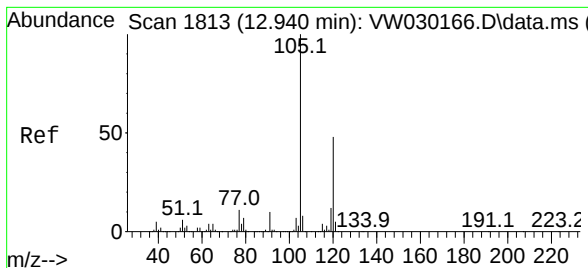
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

110 39.4 29.7 44.5

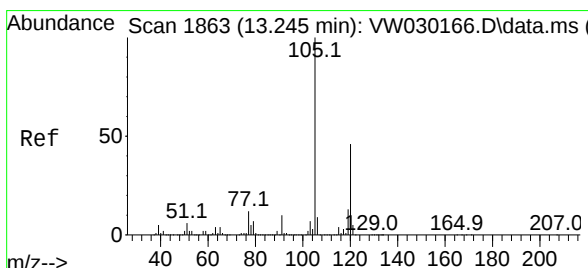
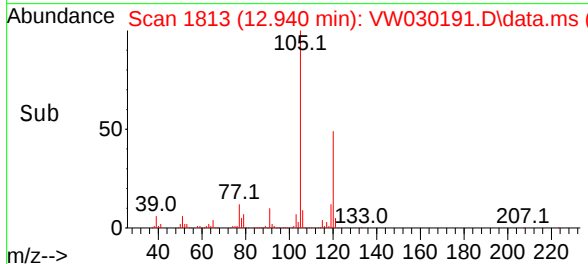
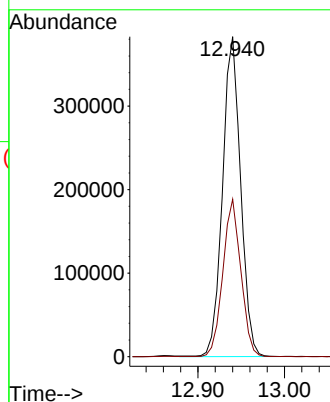
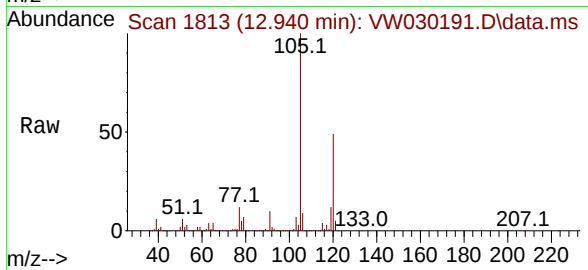




#62
 1,3,5-Trimethylbenzene
 Concen: 27.305 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

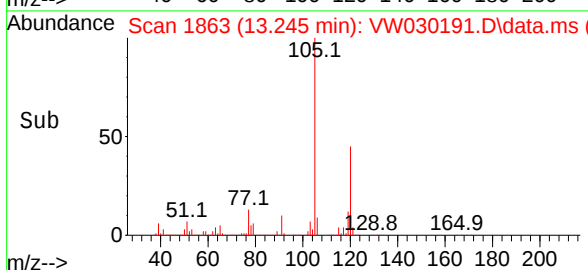
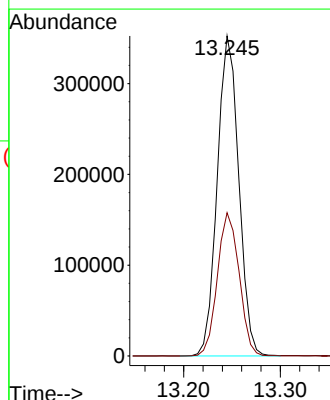
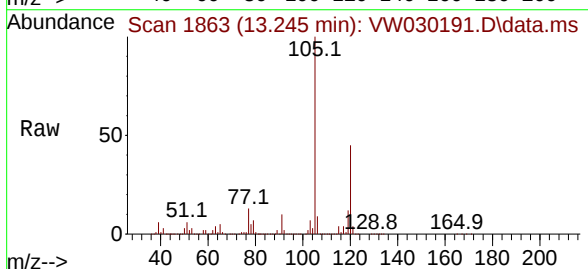
Instrument :
 MSVOA_W
 ClientSampleId :

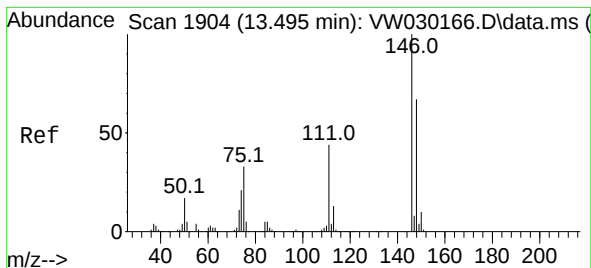
Tgt Ion:105 Resp: 556077
 Ion Ratio Lower Upper
 105 100
 120 48.9 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 25.718 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

Tgt Ion:105 Resp: 544504
 Ion Ratio Lower Upper
 105 100
 120 45.2 34.8 52.2

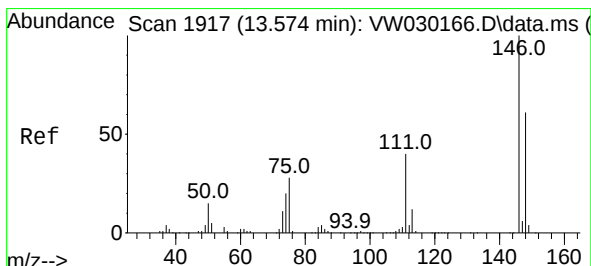
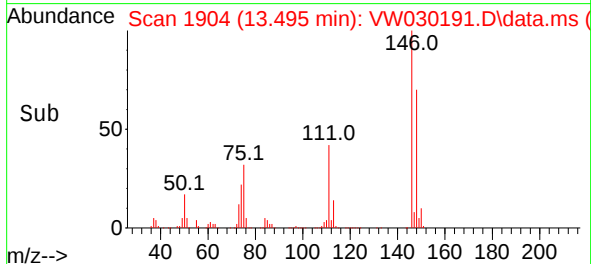
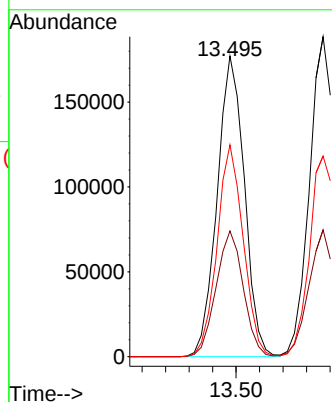
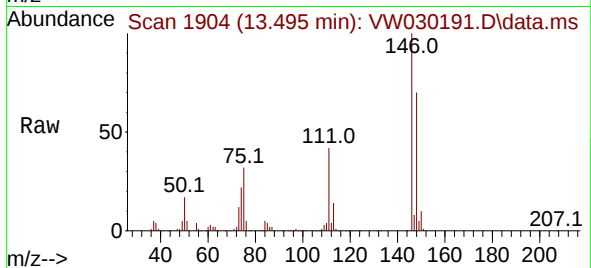




#64
1,3-Dichlorobenzene
Concen: 23.200 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

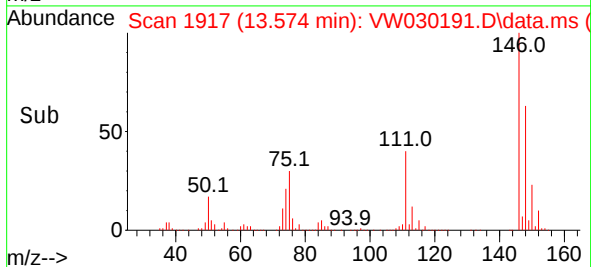
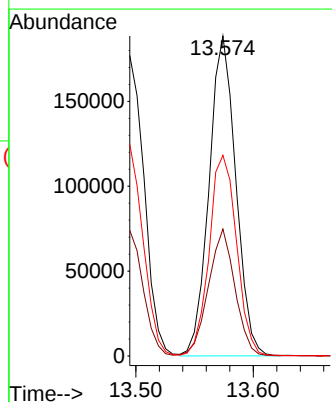
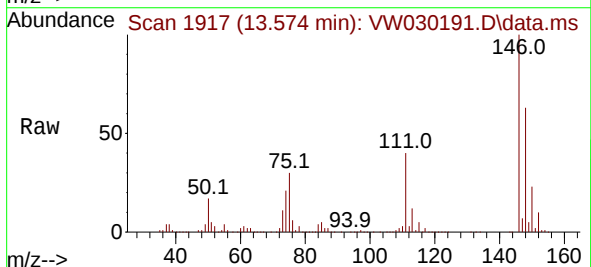
Instrument :
MSVOA_W
ClientSampleId :

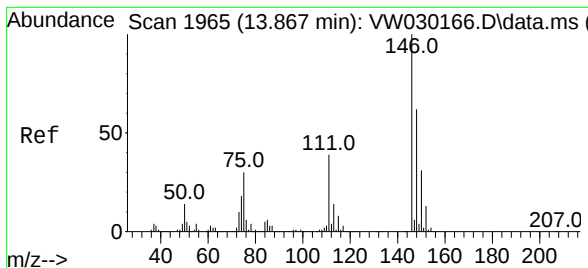
Tgt Ion:146 Resp: 285691
Ion Ratio Lower Upper
146 100
111 41.8 31.9 59.3
148 70.5 47.7 88.5



#65
1,4-Dichlorobenzene
Concen: 23.440 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

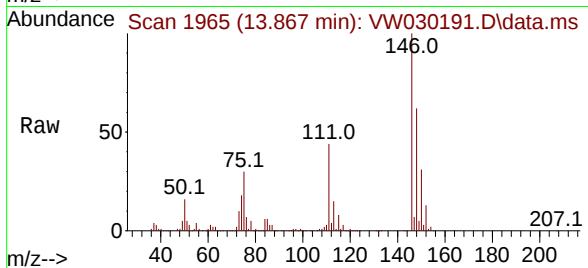
Tgt Ion:146 Resp: 298213
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.7
148 62.7 44.4 82.5



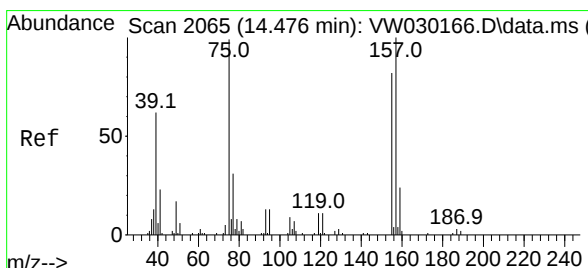
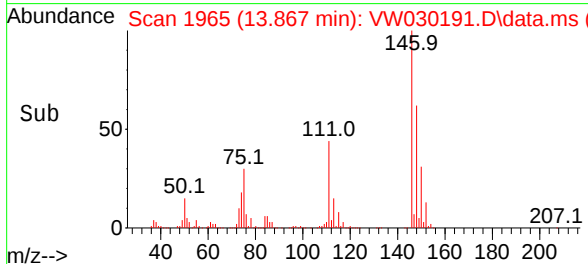
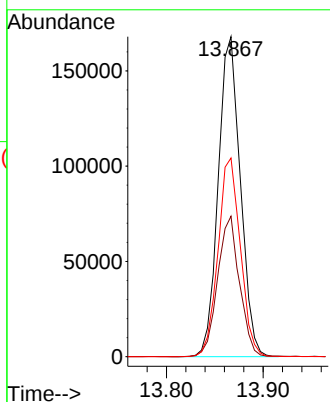


#67
1,2-Dichlorobenzene
Concen: 24.007 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

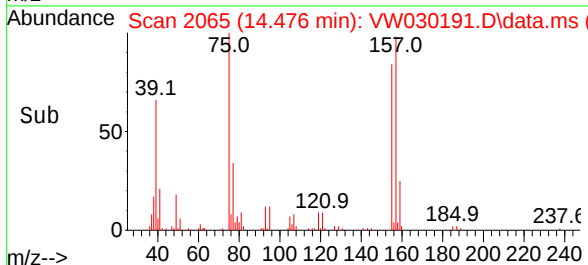
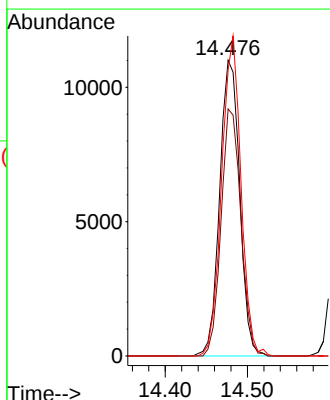
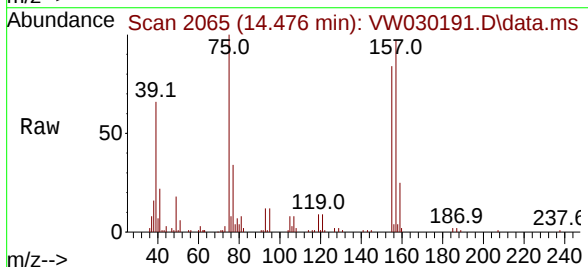


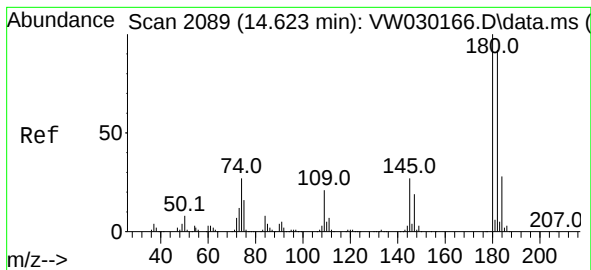
Tgt Ion:146 Resp: 266438
Ion Ratio Lower Upper
146 100
111 43.9 32.7 49.1
148 62.1 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.778 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

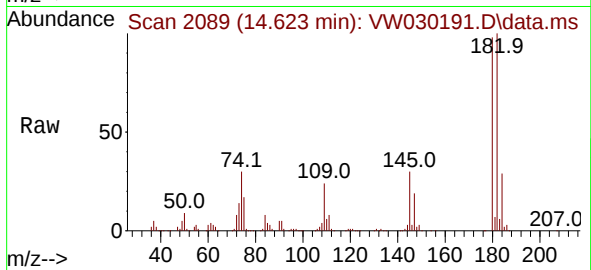
Tgt Ion: 75 Resp: 18647
Ion Ratio Lower Upper
75 100
155 83.5 60.5 90.7
157 96.7 66.9 100.3





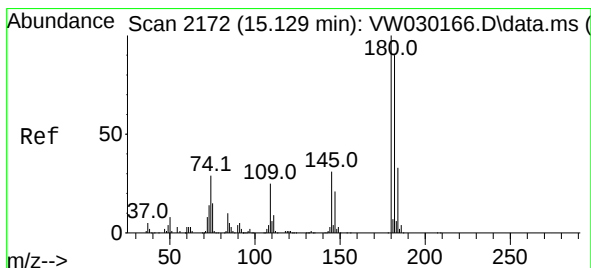
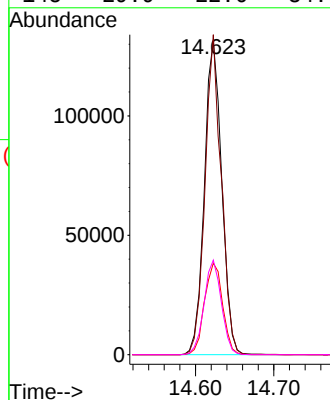
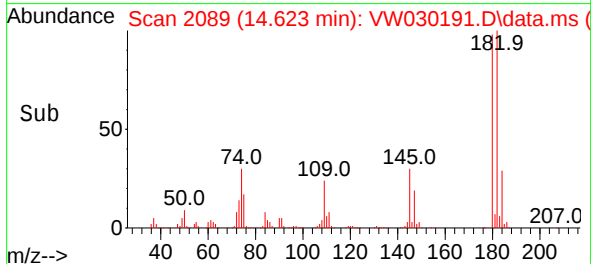
#69
 1,3,5-Trichlorobenzene
 Concen: 23.560 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51

Instrument :
 MSVOA_W
 ClientSampleId :

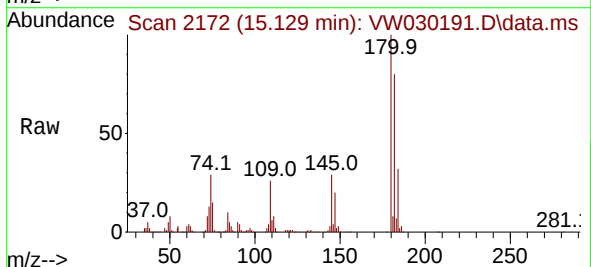


Tgt Ion:180 Resp: 202512

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
184	30.3	23.4	35.0
145	29.9	22.6	34.0

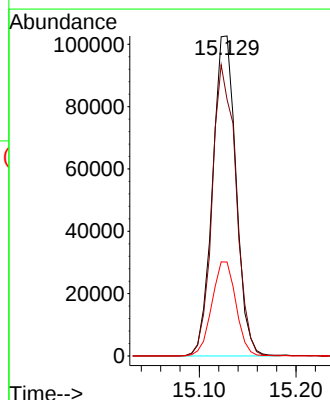
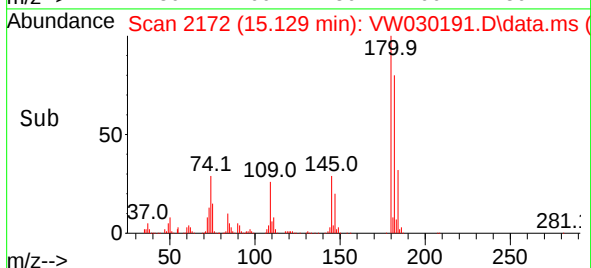


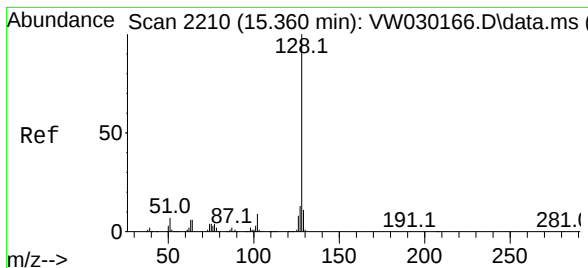
#70
 1,2,4-trichlorobenzene
 Concen: 24.863 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030191.D
 Acq: 23 Sep 2024 09:51



Tgt Ion:180 Resp: 173116

Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.4	110.2
145	30.2	24.0	36.0

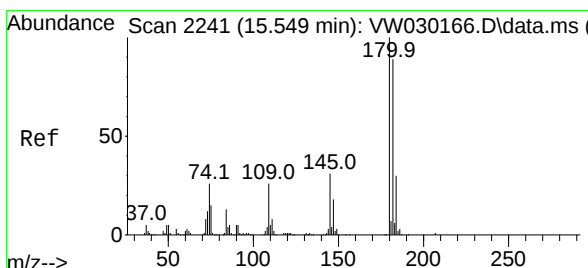
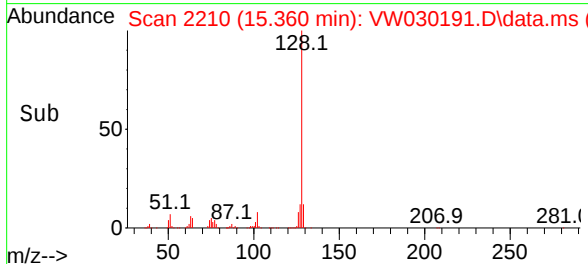
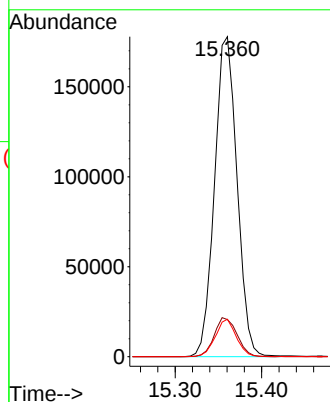
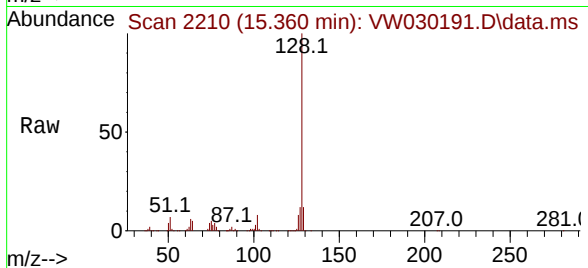




#71
Naphthalene
Concen: 25.391 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 321036
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.9 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 23.861 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030191.D
Acq: 23 Sep 2024 09:51

Tgt Ion:180 Resp: 145691
Ion Ratio Lower Upper
180 100
182 97.4 76.4 114.6
145 32.7 26.2 39.4

