

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112224\
 Data File : VW031101.D
 Acq On : 22 Nov 2024 14:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 22:12:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 22:09:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118465	26.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.880%
7) Chloroethane-d5	2.899	69	96492	27.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	4.021	65	52185	23.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.480%
21) 2-Butanone-d5	7.075	46	47778	45.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.840%
24) Chloroform-d	7.648	84	257368	25.560	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.240%
26) 1,2-Dichloroethane-d4	8.307	65	126201	25.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	8.276	84	511327	25.914	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.270	67	146777	25.227	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.319	98	468511	26.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.240%
43) trans-1,3-Dichloroprop...	10.575	79	59435	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.922	63	37370	44.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	109890	24.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	159817	24.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	102756	23.382	ug/L	91
3) Chloromethane	2.223	50	109242	20.220	ug/L	98
5) Vinyl chloride	2.375	62	132727	23.825	ug/L	97
6) Bromomethane	2.789	94	91713	23.577	ug/L	99
8) Chloroethane	2.936	64	82327	24.638	ug/L	99
9) Trichlorofluoromethane	3.271	101	133927	17.380	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111682	21.421	ug/L	98
12) 1,1-Dichloroethene	4.045	96	109291	21.516	ug/L	98
13) Acetone	4.125	43	53512	34.649	ug/L	99
14) Carbon disulfide	4.387	76	369289	22.429	ug/L	99
15) Methyl Acetate	4.673	43	41770	20.836	ug/L	98
16) Methylene chloride	4.917	84	123687	23.308	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	120246	21.823	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	171226	21.565	ug/L	100
19) 1,1-Dichloroethane	6.216	63	221131	22.901	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	130203	22.396	ug/L	98
22) 2-Butanone	7.173	43	61468	36.804	ug/L	100
23) Bromochloromethane	7.514	128	58979	22.642	ug/L	95
25) Chloroform	7.679	83	234810	23.265	ug/L	99

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 Response via : Initial Calibration

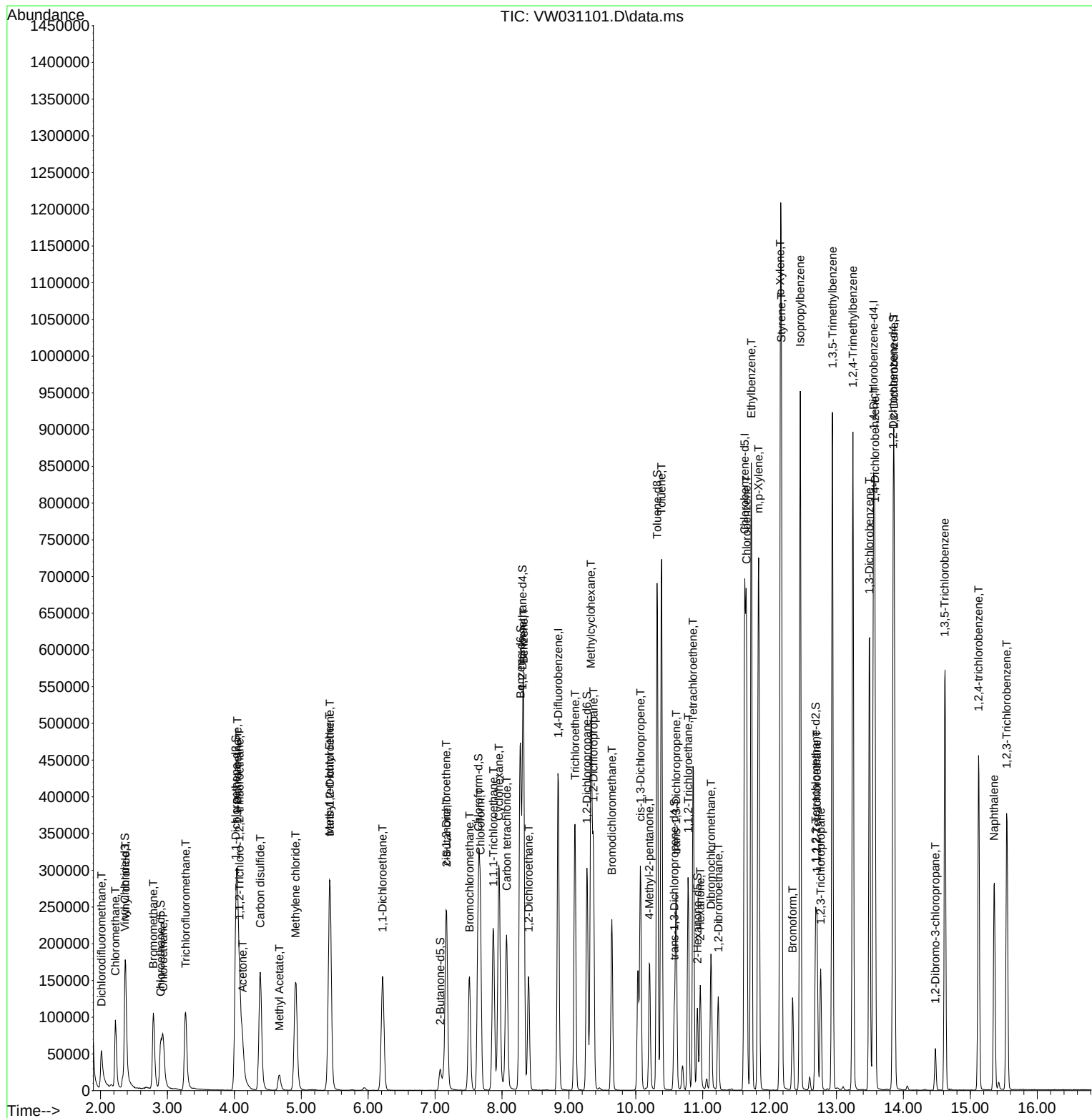
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	140644	23.382	ug/L	97
29) Cyclohexane	7.953	56	174878	21.458	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	187834	22.225	ug/L	100
31) Carbon tetrachloride	8.069	117	168789	21.963	ug/L	98
33) Benzene	8.325	78	509415	22.841	ug/L	100
34) Trichloroethene	9.093	95	133950	22.171	ug/L	96
35) Methylcyclohexane	9.331	83	210178	21.649	ug/L	98
37) 1,2-Dichloropropane	9.368	63	128426	23.096	ug/L	100
38) Bromodichloromethane	9.642	83	158745	22.683	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	187579	22.382	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	111055	42.446	ug/L	100
42) Toluene	10.386	91	547325	23.238	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	153446	22.674	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	91779	22.691	ug/L	99
46) Tetrachloroethene	10.855	164	103052	21.330	ug/L	97
48) 2-Hexanone	10.965	43	85514	41.338	ug/L	95
49) Dibromochloromethane	11.123	129	101182	22.494	ug/L	99
50) 1,2-Dibromoethane	11.233	107	84942	22.069	ug/L	93
51) Chlorobenzene	11.654	112	338278	21.961	ug/L	92
52) Ethylbenzene	11.727	91	604230	22.881	ug/L	100
53) m,p-Xylene	11.837	106	237546	23.568	ug/L	100
54) o-Xylene	12.160	106	216888	22.897	ug/L	97
55) Styrene	12.178	104	381546	23.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	101977	22.604	ug/L	95
59) Bromoform	12.343	173	59610	21.750	ug/L	99
60) Isopropylbenzene	12.458	105	595693	22.326	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71521	21.334	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	489136	23.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	476221	22.939	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	266144	21.871	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274534	21.682	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	238617	21.875	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15344	20.940	ug/L	90
69) 1,3,5-Trichlorobenzene	14.617	180	190167	22.861	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	149565	22.483	ug/L	98
71) Naphthalene	15.354	128	249921	22.221	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	139804	23.611	ug/L	91

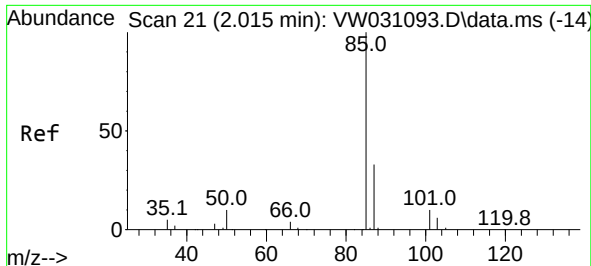
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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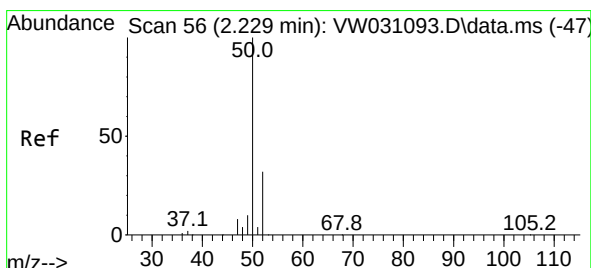
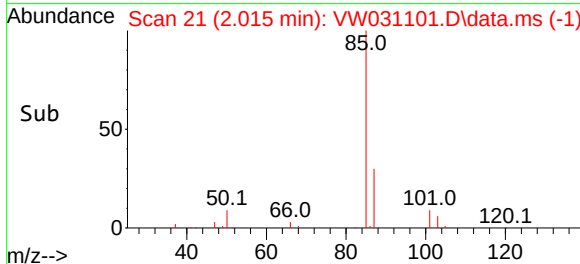
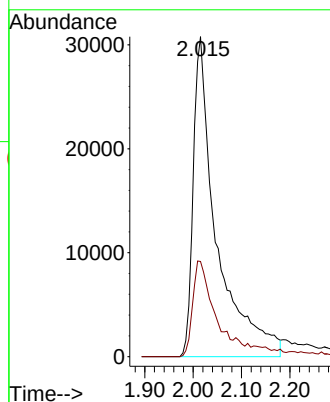
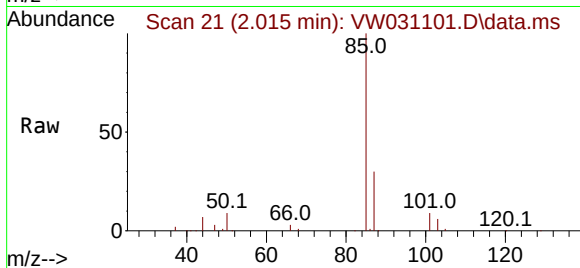




#2
Dichlorodifluoromethane
Concen: 23.382 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

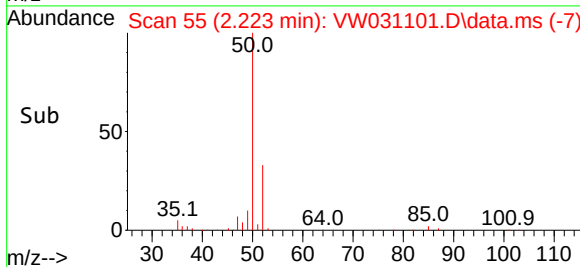
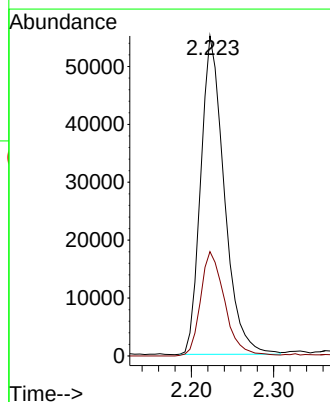
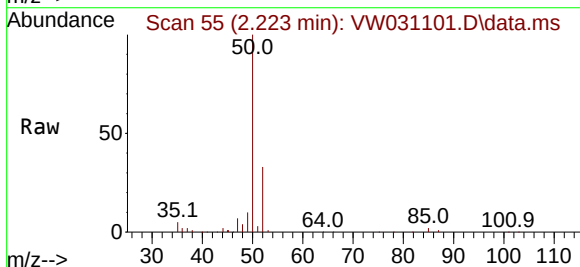
Instrument :
MSVOA_W
ClientSampleId :

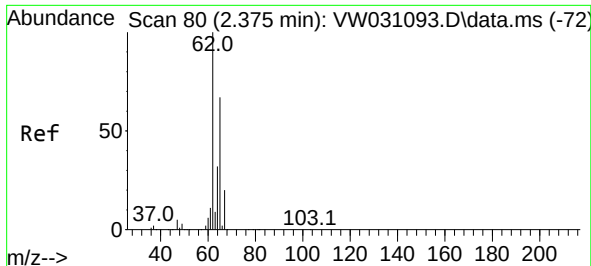
Tgt Ion: 85 Resp: 102756
Ion Ratio Lower Upper
85 100
87 24.7 23.8 35.6



#3
Chloromethane
Concen: 20.220 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 50 Resp: 109242
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6

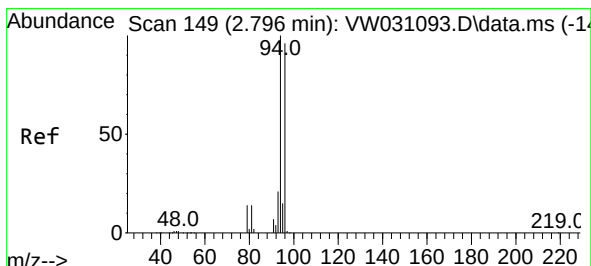
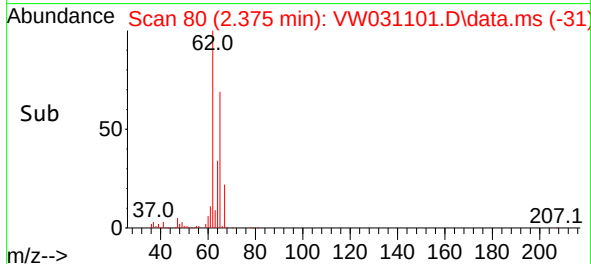
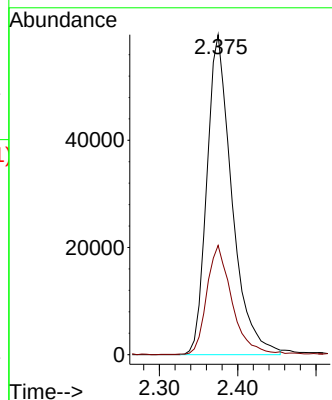
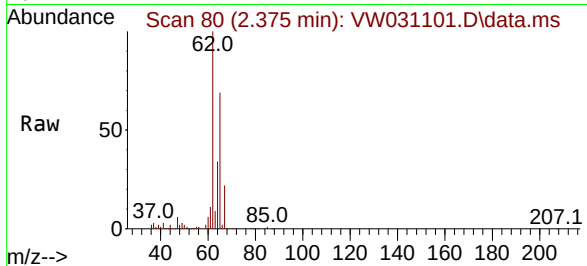




#5
 Vinyl chloride
 Concen: 23.825 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031101.D
 Acq: 22 Nov 2024 14:56

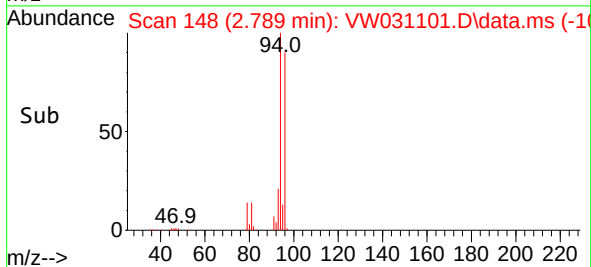
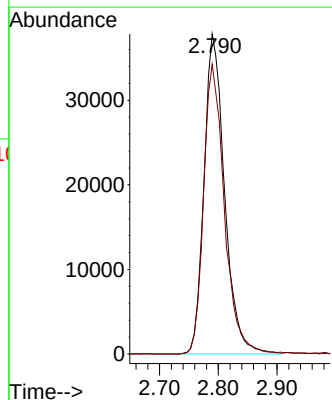
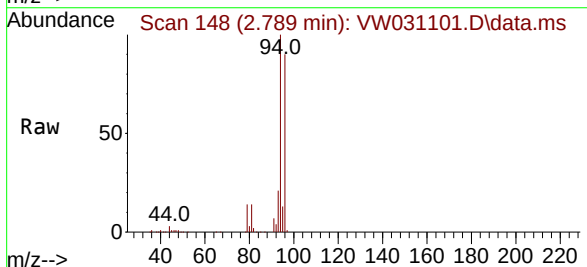
Instrument :
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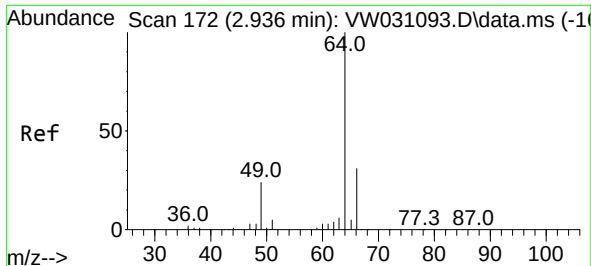
Tgt Ion: 62 Resp: 132727
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#6
 Bromomethane
 Concen: 23.577 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031101.D
 Acq: 22 Nov 2024 14:56

Tgt Ion: 94 Resp: 91713
 Ion Ratio Lower Upper
 94 100
 96 90.5 62.6 116.3

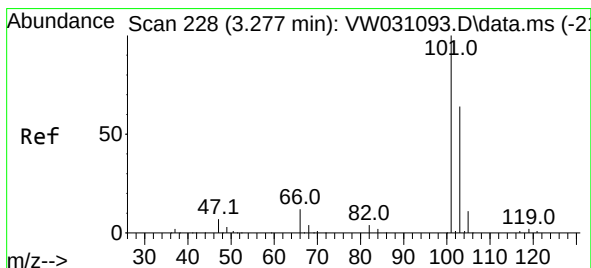
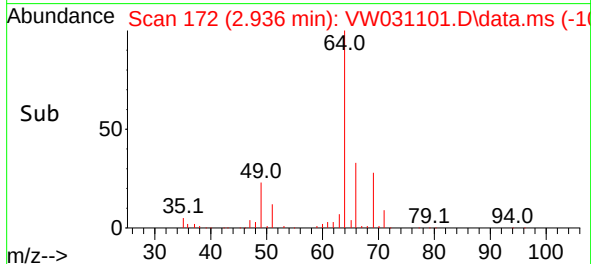
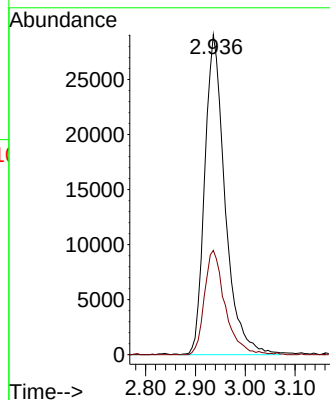
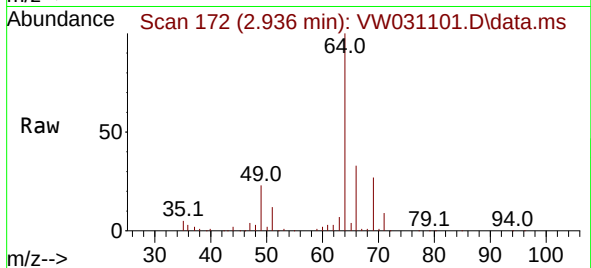




#8
Chloroethane
Concen: 24.638 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

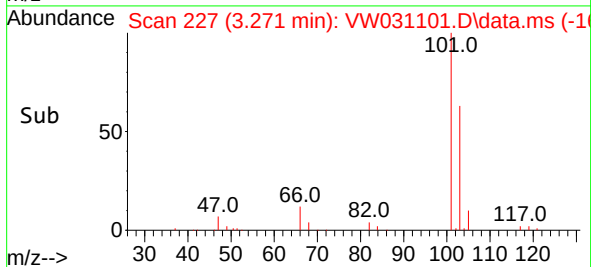
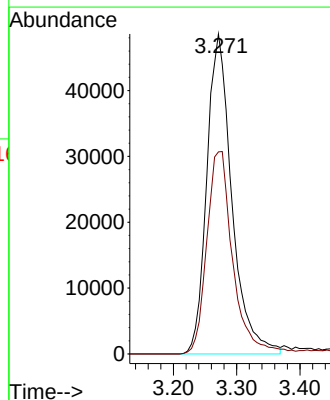
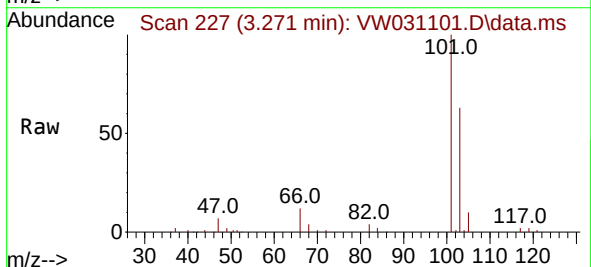
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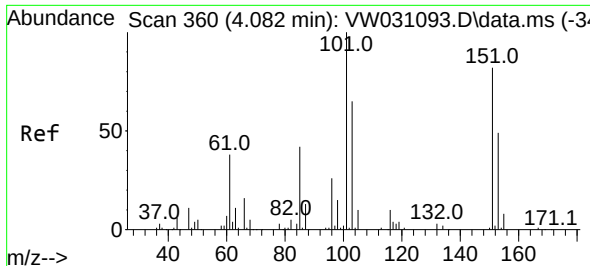
Tgt Ion: 64 Resp: 82327
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 17.380 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:101 Resp: 133927
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1

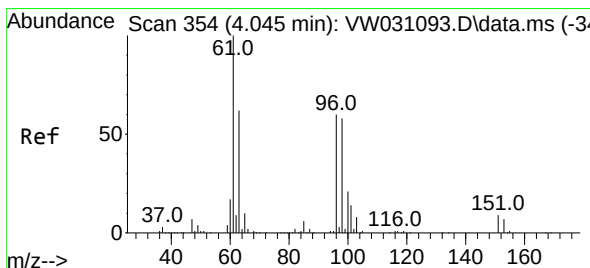
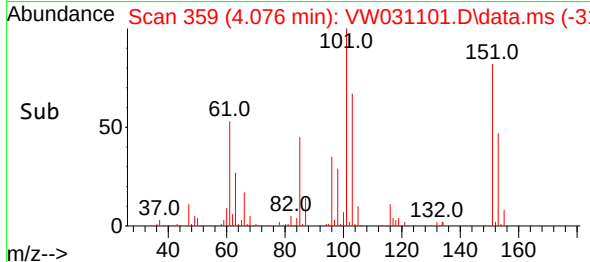
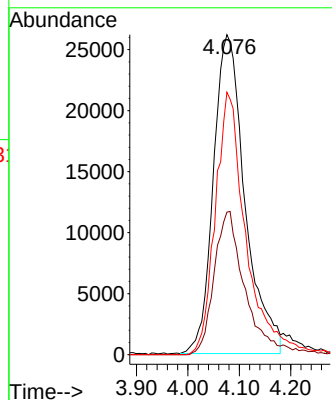
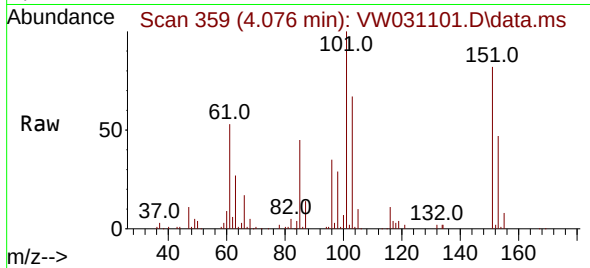




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.421 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031101.D
 Acq: 22 Nov 2024 14:56

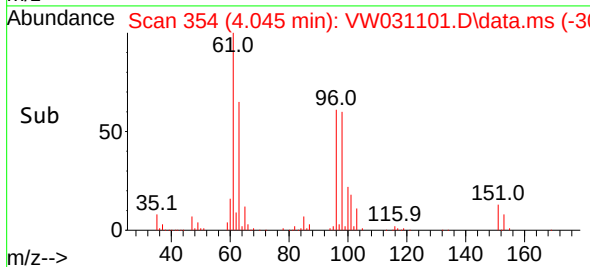
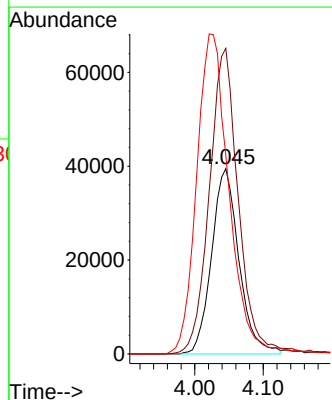
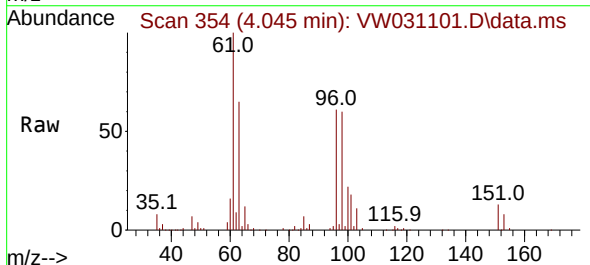
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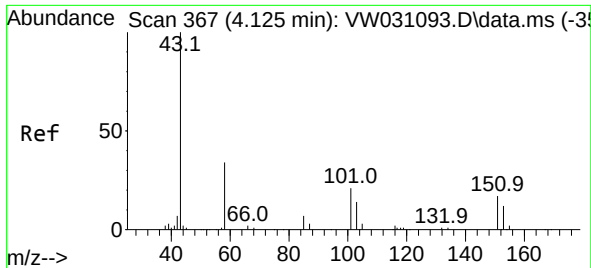
Tgt Ion:101 Resp: 111682
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.9 50.9
 151 79.8 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 21.516 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW031101.D
 Acq: 22 Nov 2024 14:56

Tgt Ion: 96 Resp: 109291
 Ion Ratio Lower Upper
 96 100
 61 164.9 113.5 210.9
 63 107.4 73.8 137.2





#13

Acetone

Concen: 34.649 ug/L

RT: 4.125 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

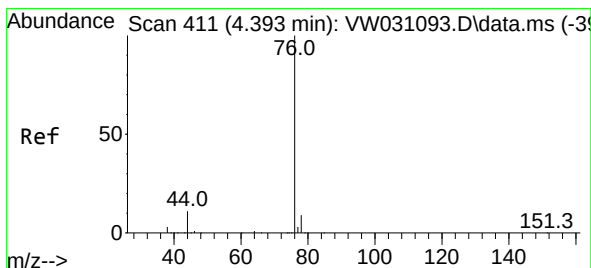
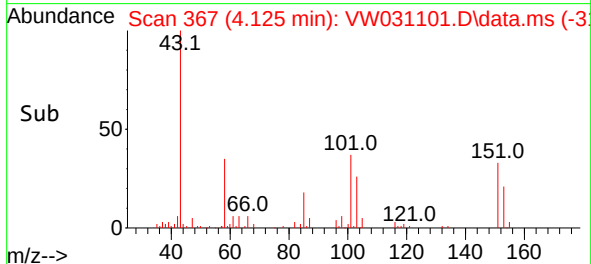
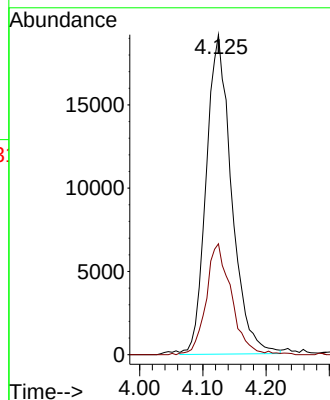
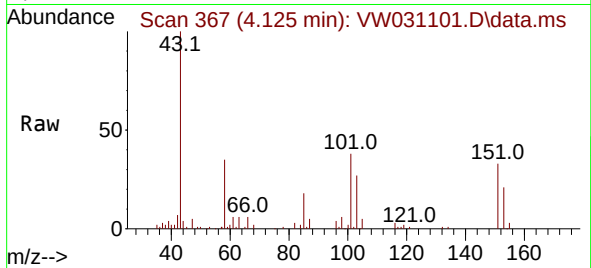
ClientSampleId :

Tgt Ion: 43 Resp: 53512

Ion Ratio Lower Upper

43 100

58 34.0 0.0 67.2



#14

Carbon disulfide

Concen: 22.429 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW031101.D

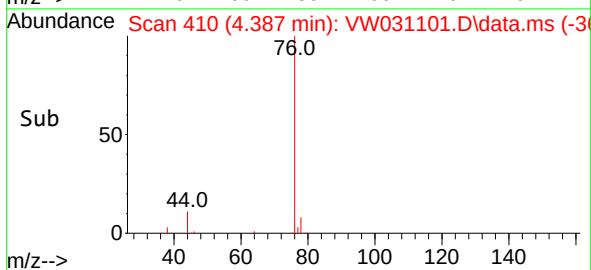
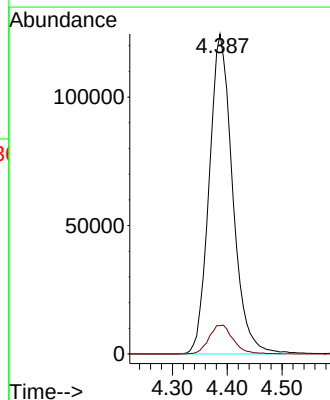
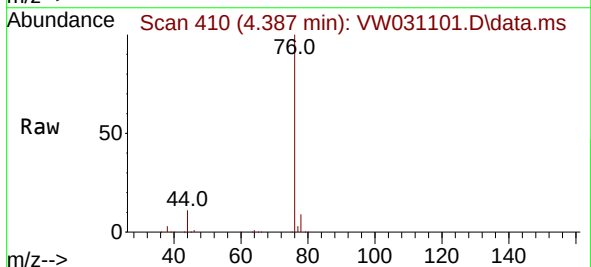
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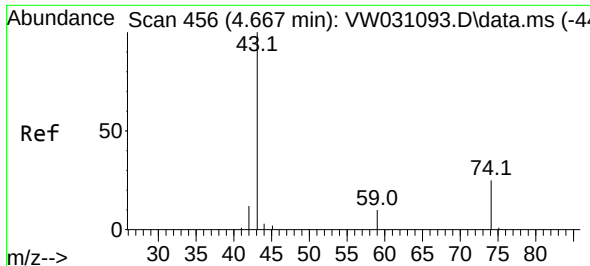
Tgt Ion: 76 Resp: 369289

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

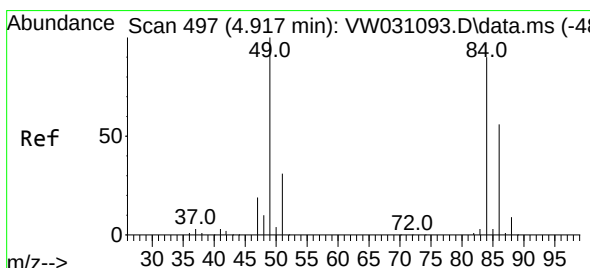
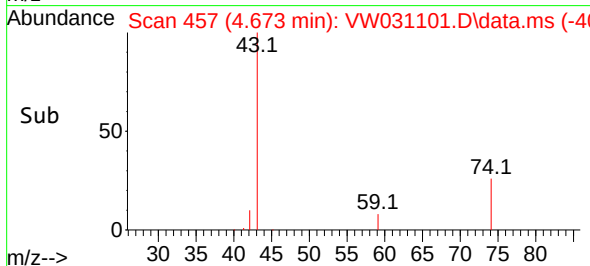
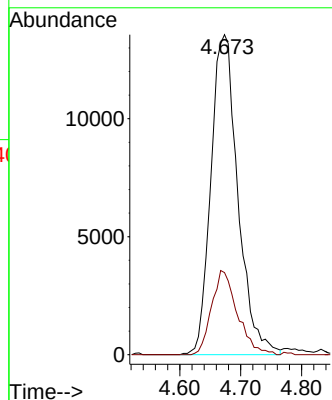
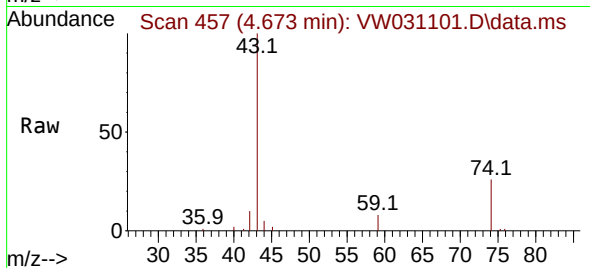




#15
Methyl Acetate
Concen: 20.836 ug/L
RT: 4.673 min Scan# 417
Delta R.T. 0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

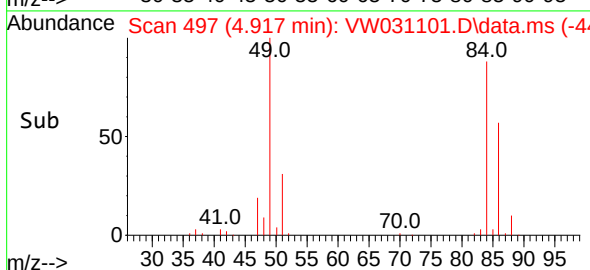
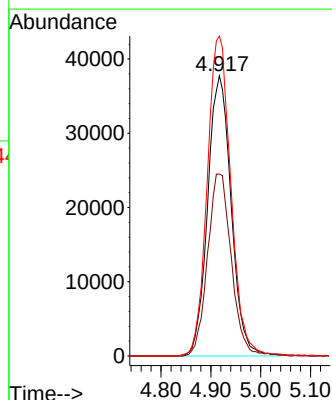
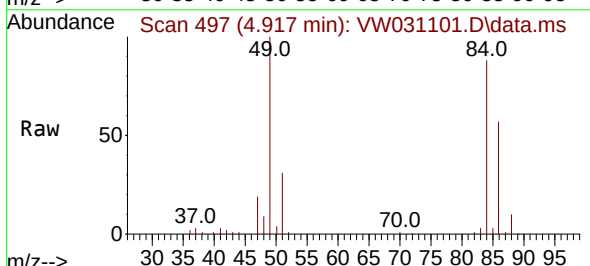
Instrument :
MSVOA_W
ClientSampleId :

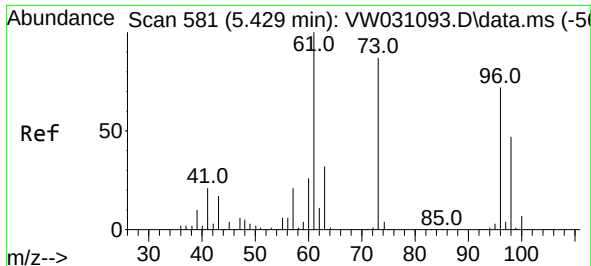
Tgt Ion: 43 Resp: 41770
Ion Ratio Lower Upper
43 100
74 25.1 20.8 31.2



#16
Methylene chloride
Concen: 23.308 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 84 Resp: 123687
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.5
49 114.2 79.9 148.5

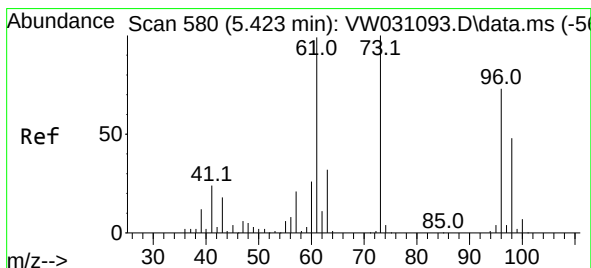
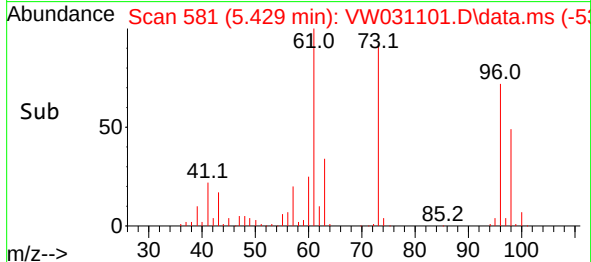
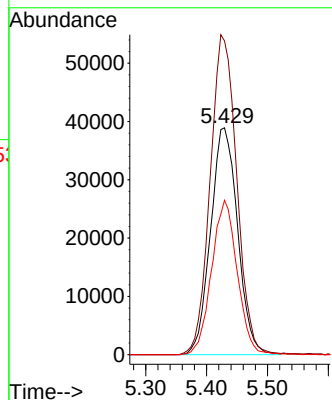
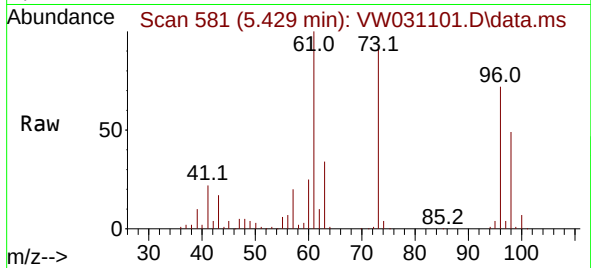




#17
trans-1,2-Dichloroethene
Concen: 21.823 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

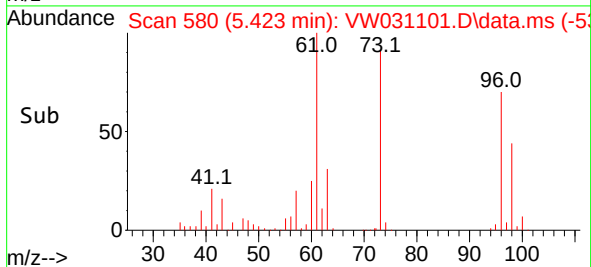
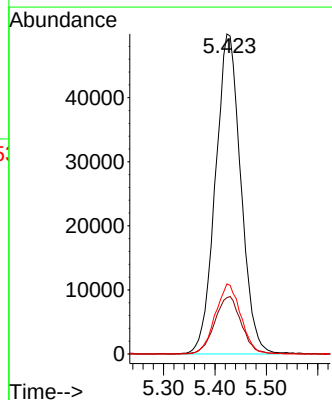
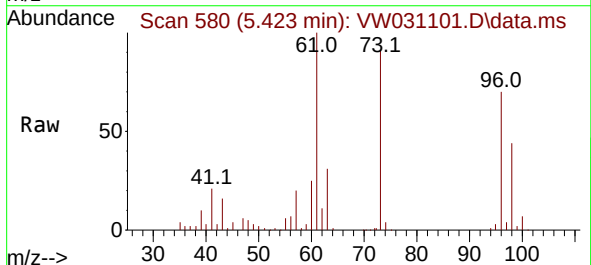
Instrument :
MSVOA_W
ClientSampleId :

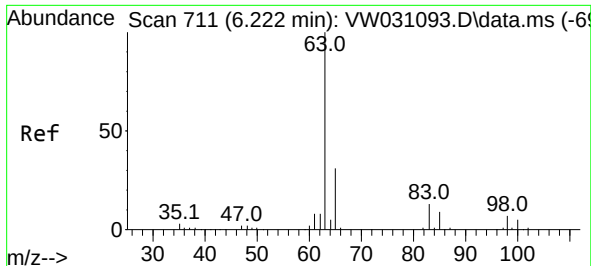
Tgt Ion: 96 Resp: 120246
Ion Ratio Lower Upper
96 100
61 138.3 92.7 172.3
98 68.1 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 21.565 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 73 Resp: 171226
Ion Ratio Lower Upper
73 100
43 18.8 15.4 23.0
57 22.0 17.6 26.4

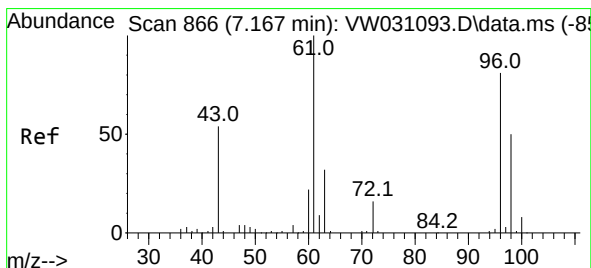
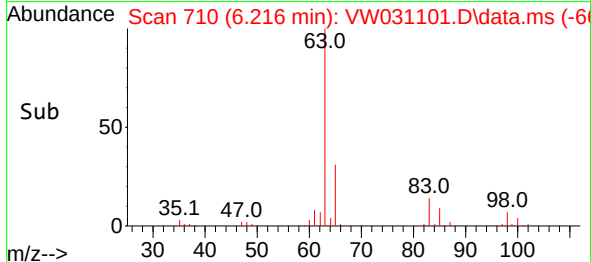
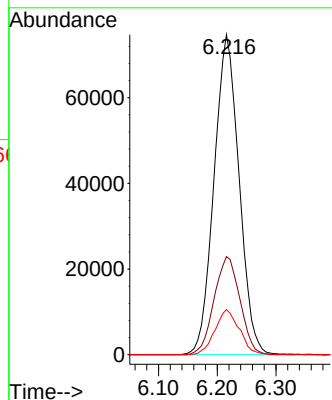
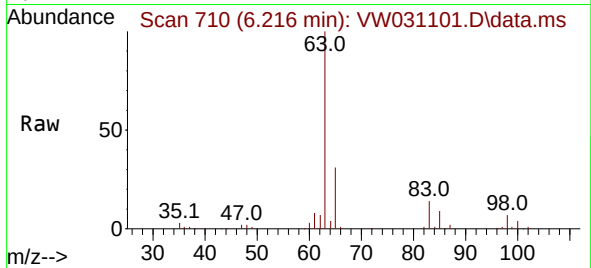




#19
1,1-Dichloroethane
Concen: 22.901 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

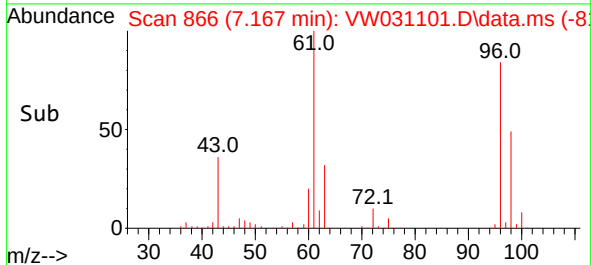
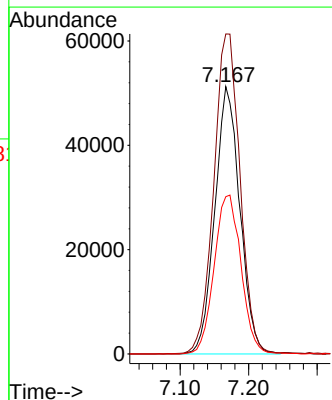
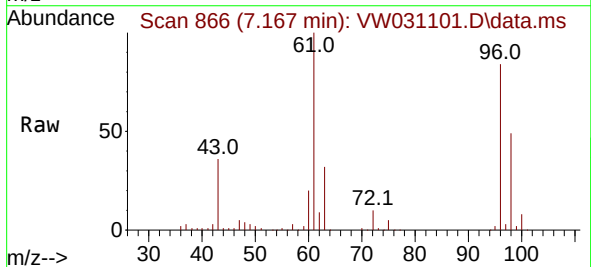
Instrument :
MSVOA_W
ClientSampleId :

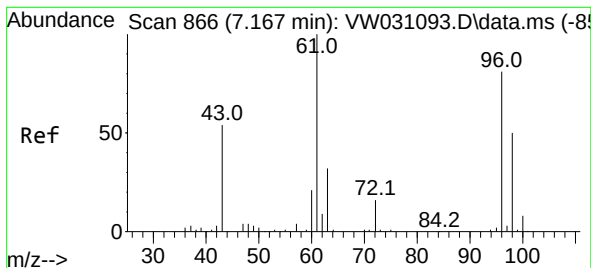
Tgt Ion: 63 Resp: 221131
Ion Ratio Lower Upper
63 100
65 30.7 21.7 40.3
83 14.1 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 22.396 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 96 Resp: 130203
Ion Ratio Lower Upper
96 100
61 119.7 83.7 155.5
98 58.8 43.9 81.5





#22

2-Butanone

Concen: 36.804 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

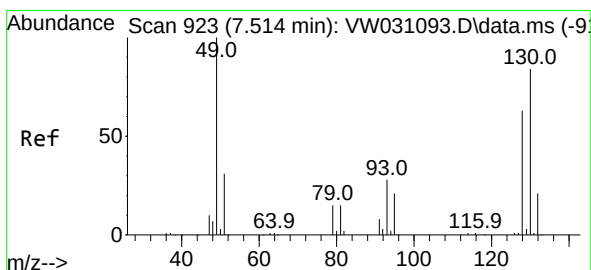
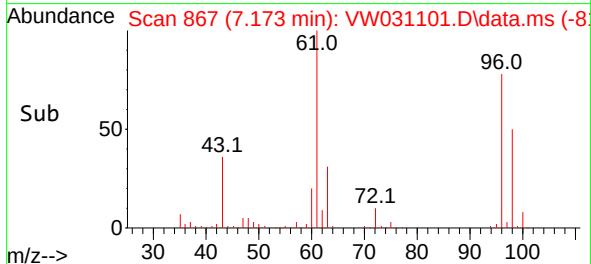
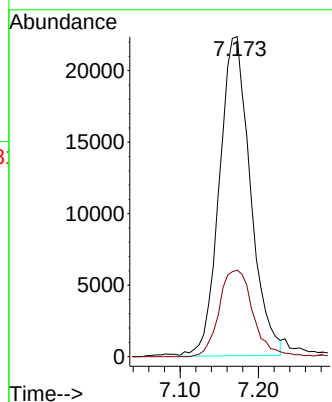
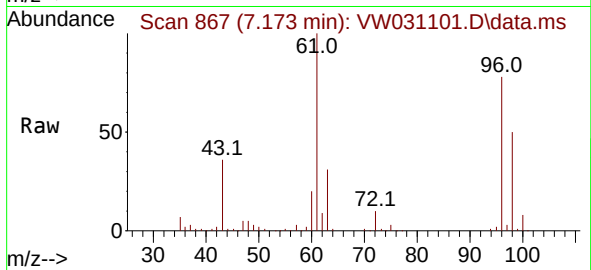
ClientSampleId :

Tgt Ion: 43 Resp: 61468

Ion Ratio Lower Upper

43 100

72 29.7 14.9 44.7



#23

Bromochloromethane

Concen: 22.642 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Tgt Ion: 128 Resp: 58979

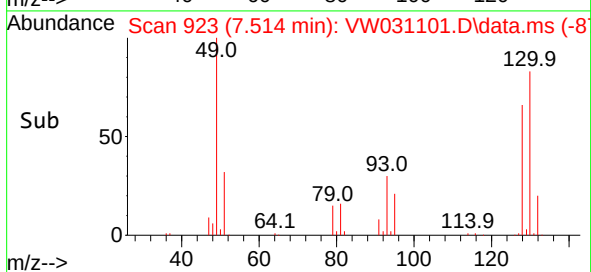
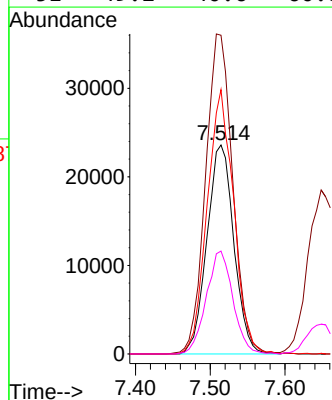
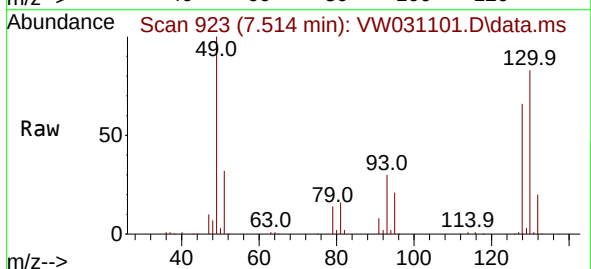
Ion Ratio Lower Upper

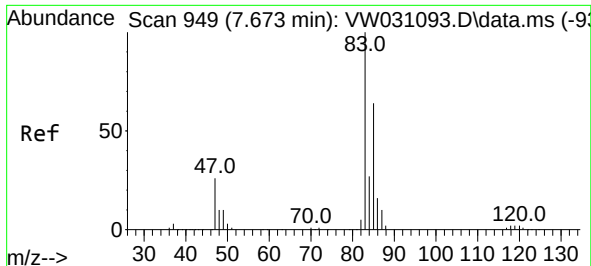
128 100

49 152.5 110.9 206.1

130 126.4 93.7 173.9

51 49.2 40.6 60.8

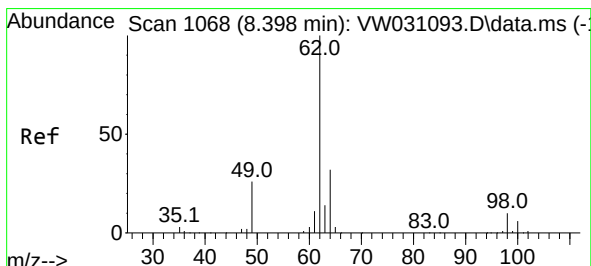
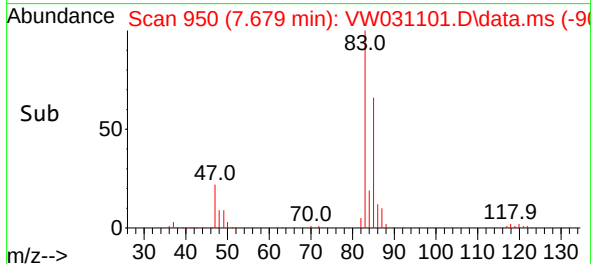
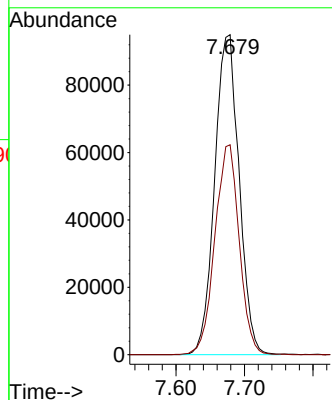
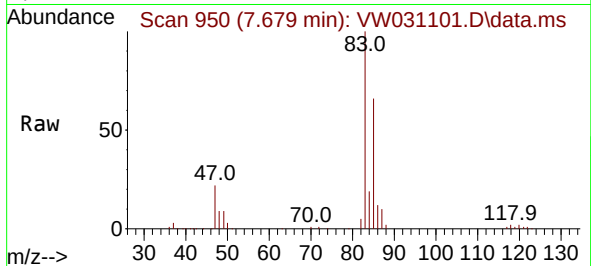




#25
Chloroform
Concen: 23.265 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

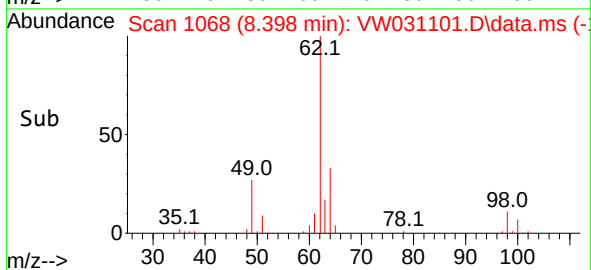
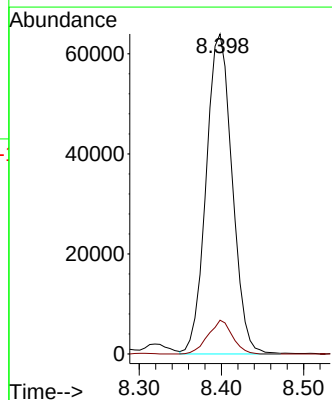
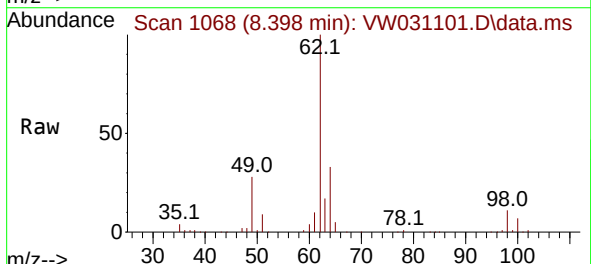
Instrument :
MSVOA_W
ClientSampleId :

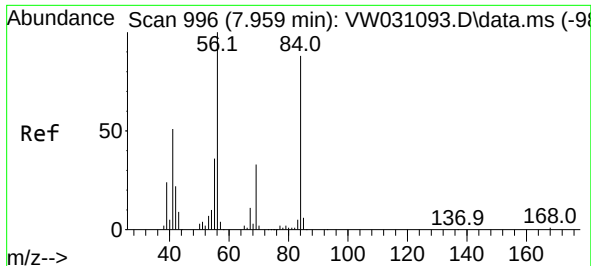
Tgt Ion: 83 Resp: 234810
Ion Ratio Lower Upper
83 100
85 65.6 46.5 86.3



#27
1,2-Dichloroethane
Concen: 23.382 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

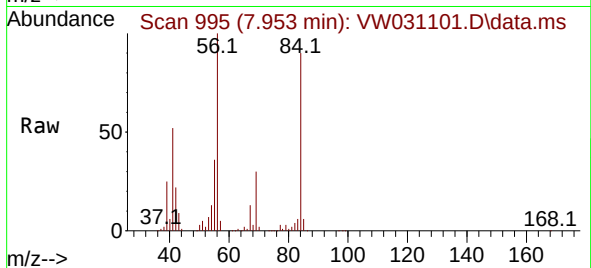
Tgt Ion: 62 Resp: 140644
Ion Ratio Lower Upper
62 100
98 10.6 7.7 11.5



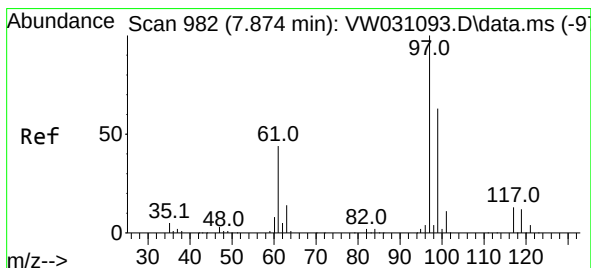
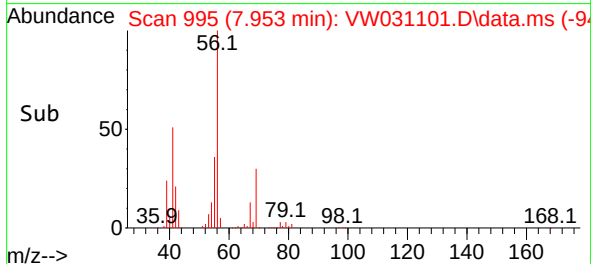
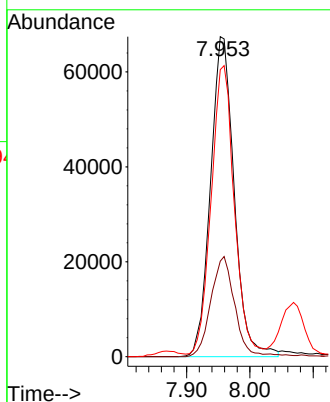


#29
Cyclohexane
Concen: 21.458 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Instrument :
MSVOA_W
ClientSampleId :

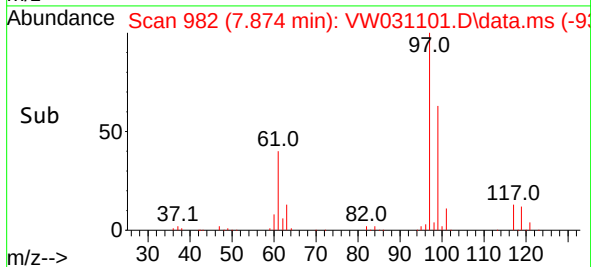
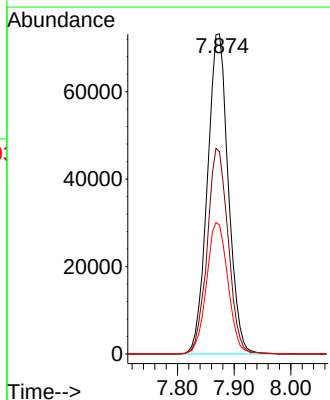
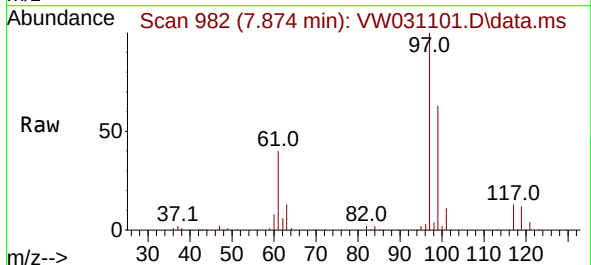


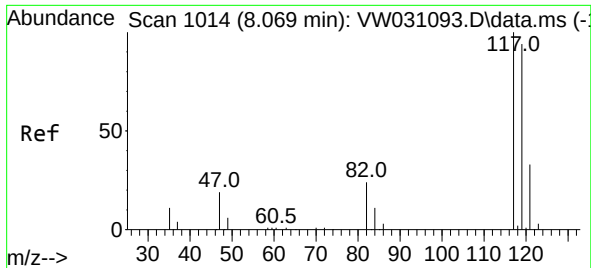
Tgt Ion: 56 Resp: 174878
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 89.3 71.1 106.7



#30
1,1,1-Trichloroethane
Concen: 22.225 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

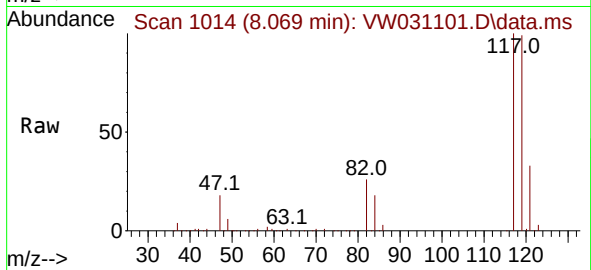
Tgt Ion: 97 Resp: 187834
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 41.9 33.8 50.6



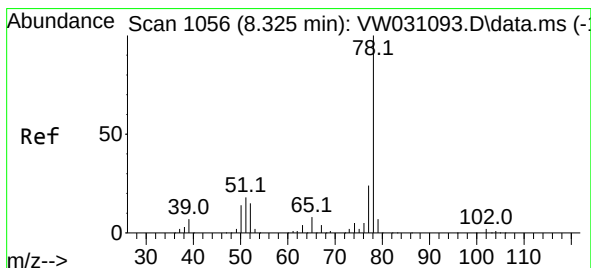
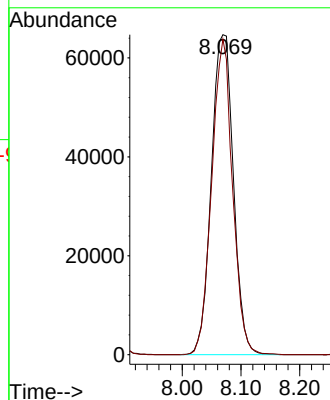
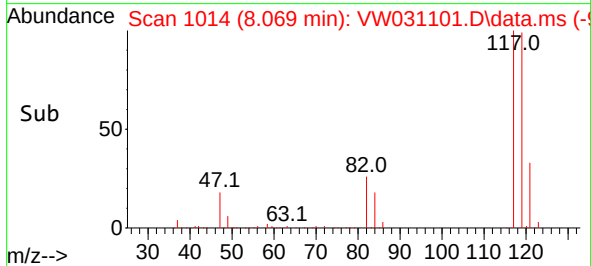


#31
Carbon tetrachloride
Concen: 21.963 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Instrument :
MSVOA_W
ClientSampleId :

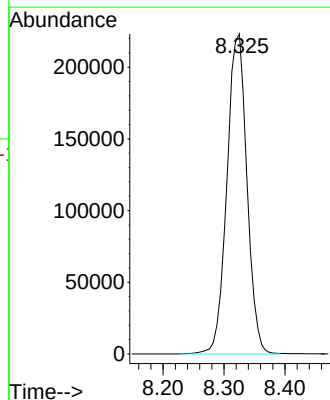
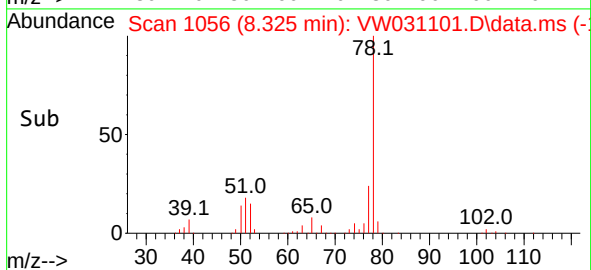
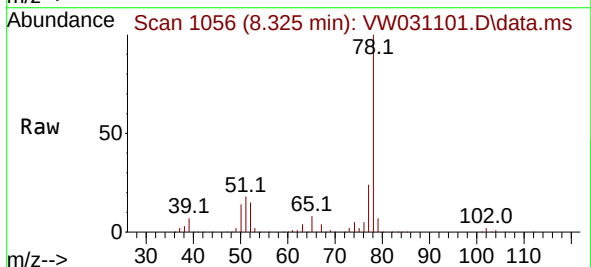


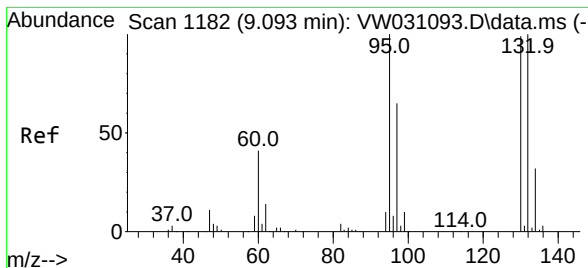
Tgt Ion:117 Resp: 168789
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8



#33
Benzene
Concen: 22.841 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 78 Resp: 509415





#34

Trichloroethene

Concen: 22.171 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 133950

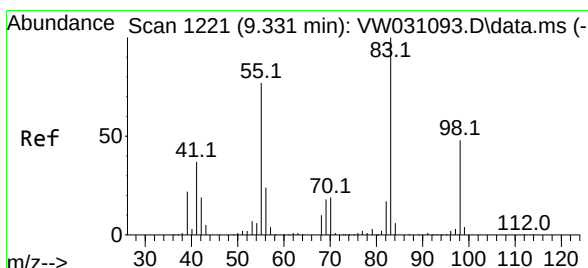
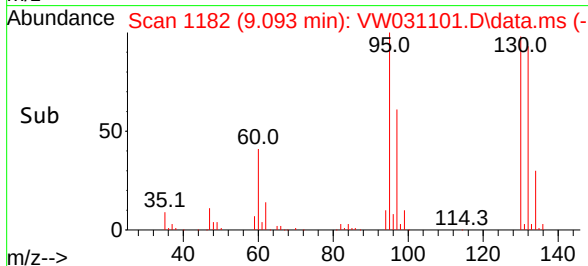
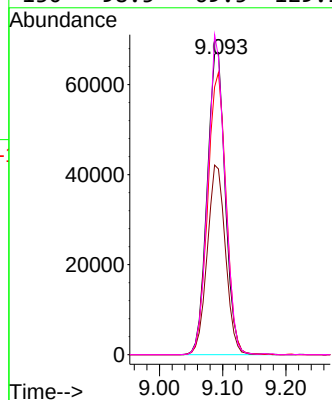
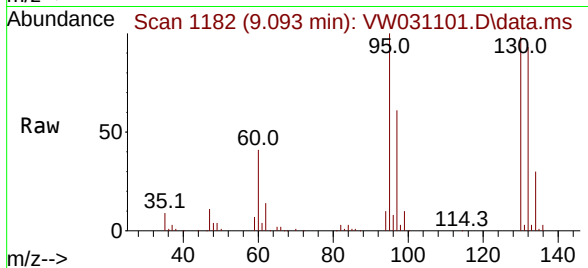
Ion Ratio Lower Upper

95 100

97 61.4 48.0 89.2

132 93.3 67.4 125.2

130 98.5 69.5 129.1



#35

Methylcyclohexane

Concen: 21.649 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

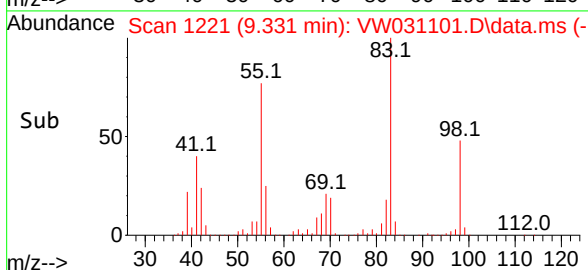
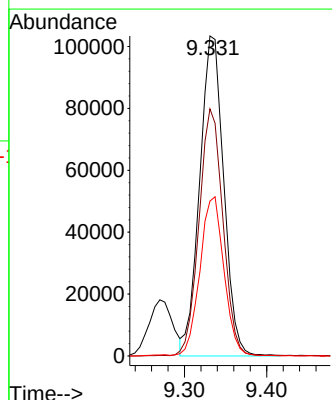
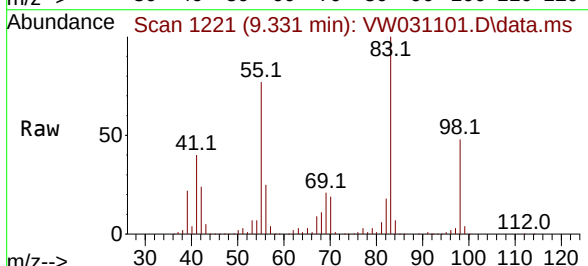
Tgt Ion: 83 Resp: 210178

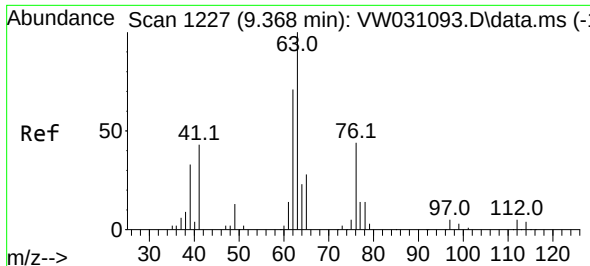
Ion Ratio Lower Upper

83 100

55 76.4 59.5 89.3

98 49.8 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.096 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

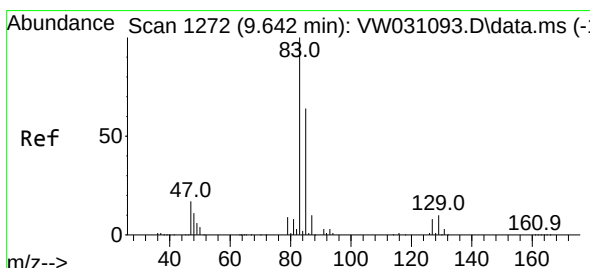
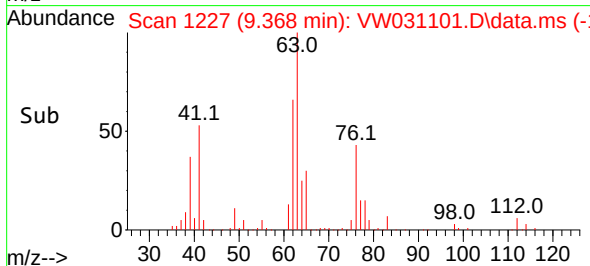
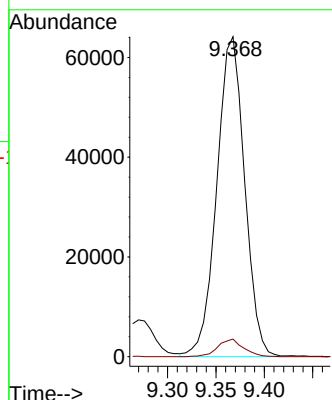
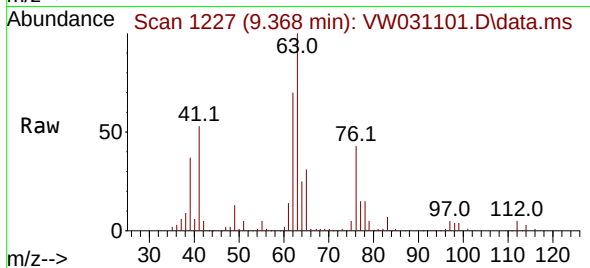
ClientSampleId :

Tgt Ion: 63 Resp: 128426

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 22.683 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

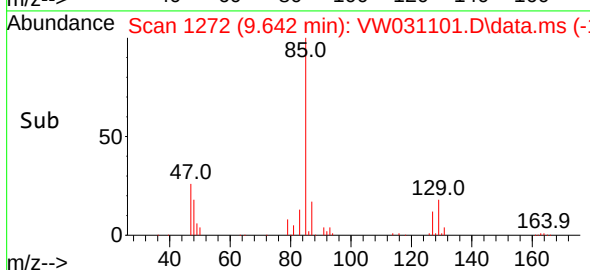
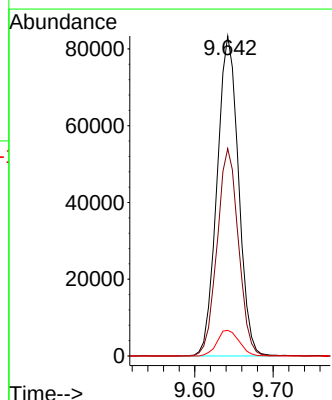
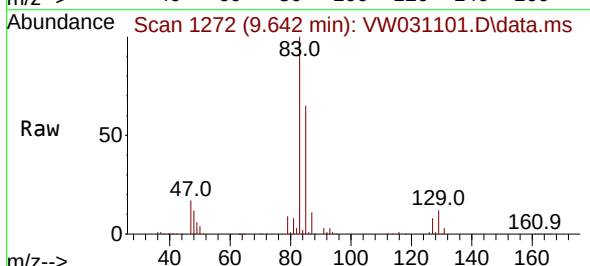
Tgt Ion: 83 Resp: 158745

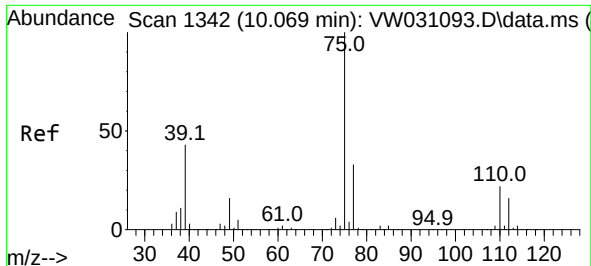
Ion Ratio Lower Upper

83 100

85 64.8 48.7 90.5

127 8.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 22.382 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

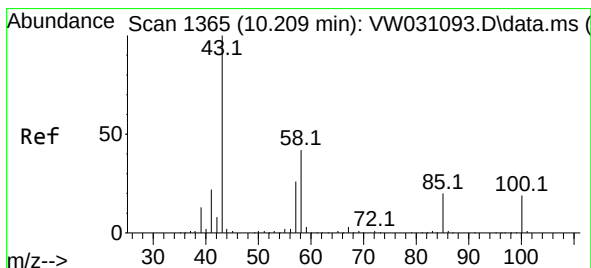
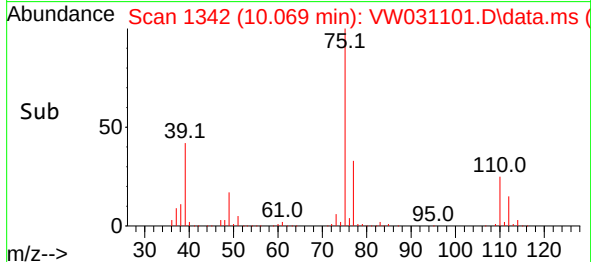
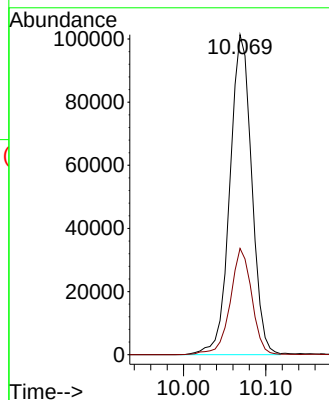
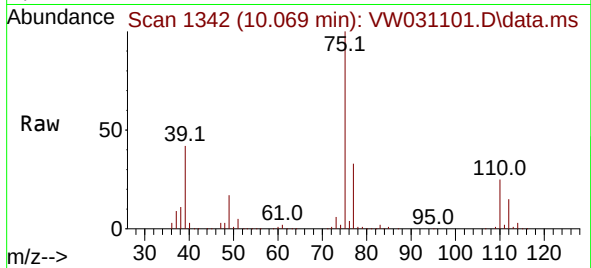
ClientSampleId :

Tgt Ion: 75 Resp: 187579

Ion Ratio Lower Upper

75 100

77 33.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 42.446 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

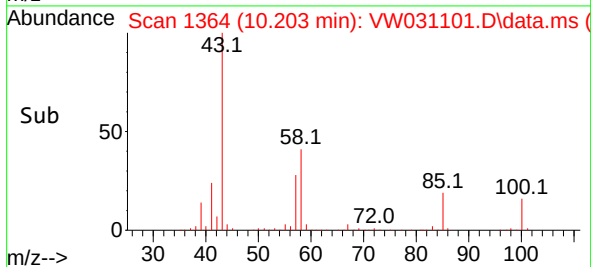
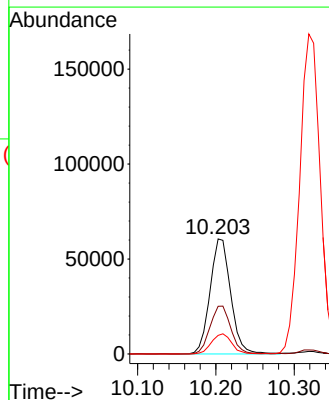
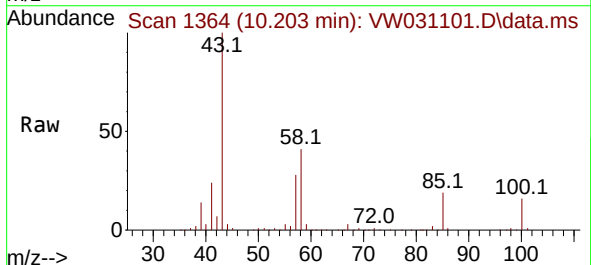
Tgt Ion: 43 Resp: 111055

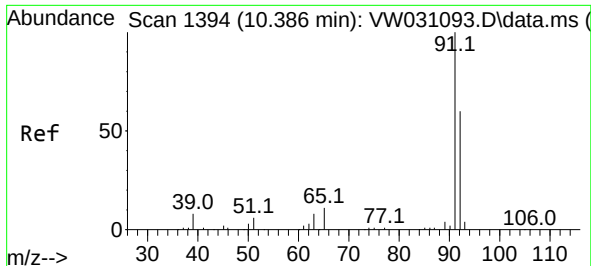
Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5

100 17.2 14.2 21.2

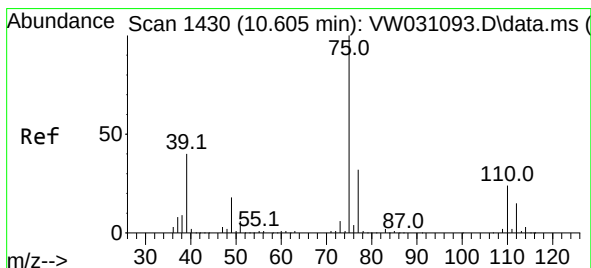
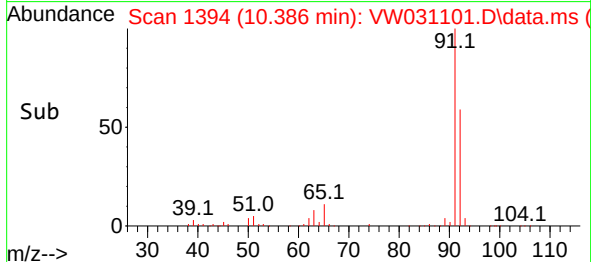
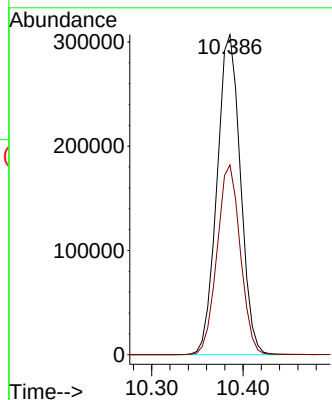
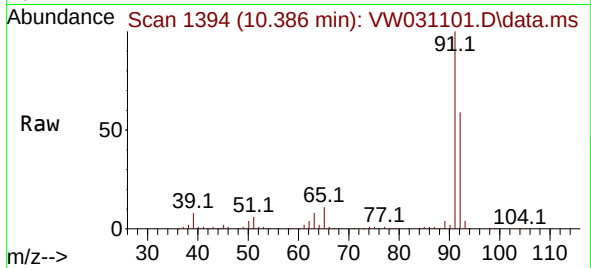




#42
Toluene
Concen: 23.238 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

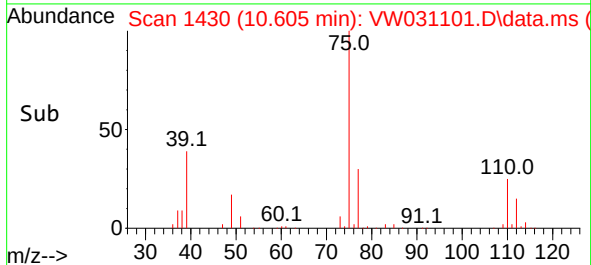
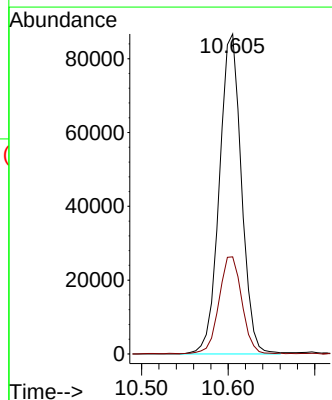
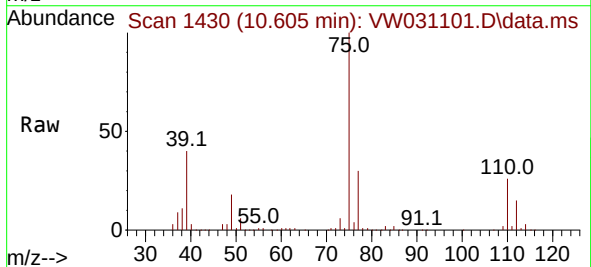
Instrument :
MSVOA_W
ClientSampleId :

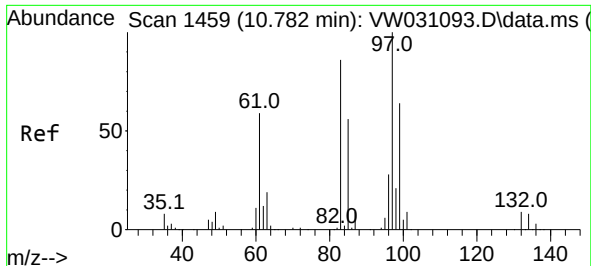
Tgt Ion: 91 Resp: 547325
Ion Ratio Lower Upper
91 100
92 59.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.674 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

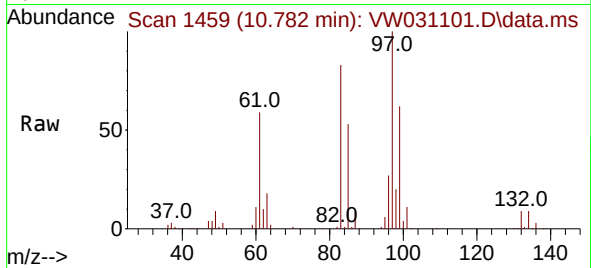
Tgt Ion: 75 Resp: 153446
Ion Ratio Lower Upper
75 100
77 30.3 22.1 41.1





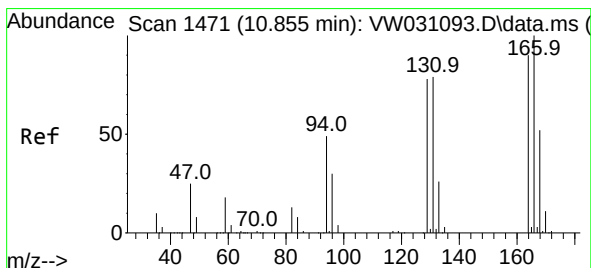
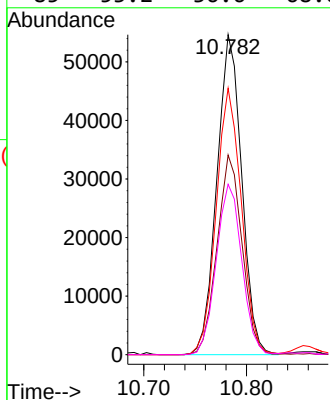
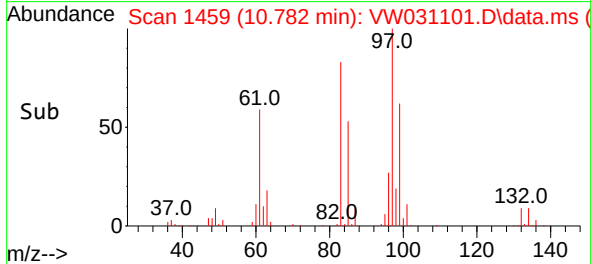
#45
1,1,2-Trichloroethane
Concen: 22.691 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Instrument :
MSVOA_W
ClientSampleId :

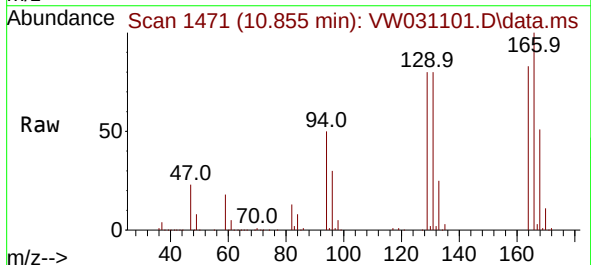


Tgt Ion: 97 Resp: 91779

Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.4	78.8
83	83.2	57.8	107.4
85	53.2	36.6	68.0

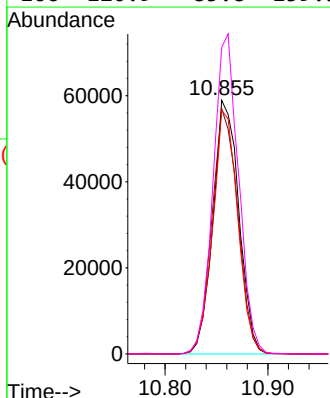
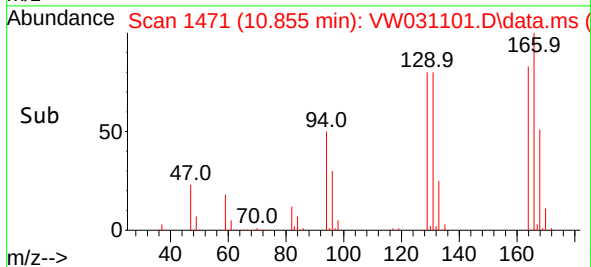


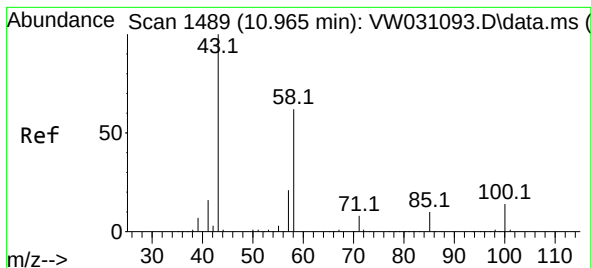
#46
Tetrachloroethene
Concen: 21.330 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56



Tgt Ion: 164 Resp: 103052

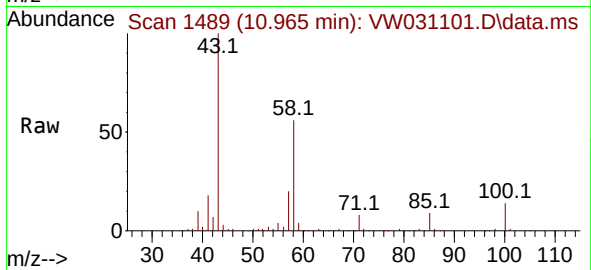
Ion	Ratio	Lower	Upper
164	100		
129	96.7	61.9	114.9
131	96.2	67.9	126.1
166	120.9	85.8	159.3



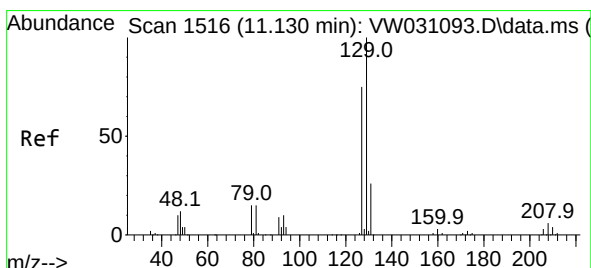
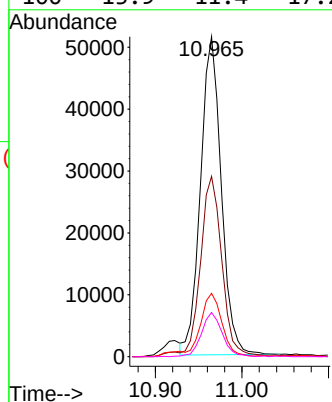
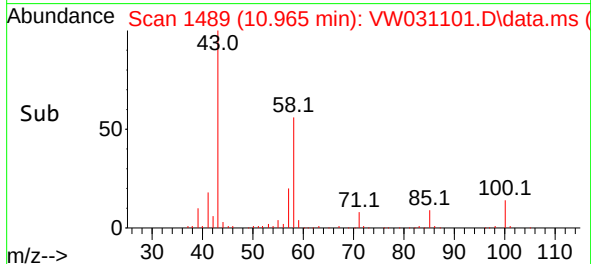


#48
2-Hexanone
Concen: 41.338 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Instrument :
MSVOA_W
ClientSampleId :

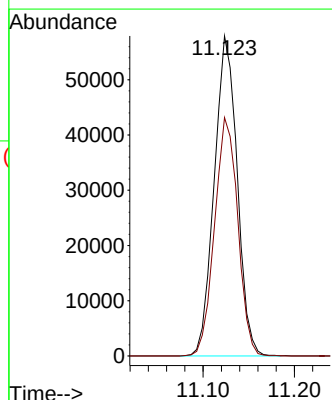
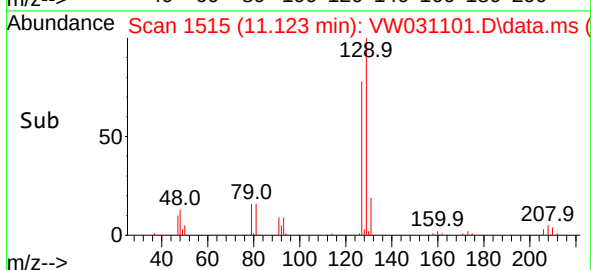
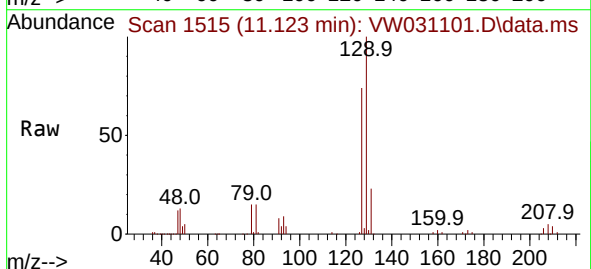


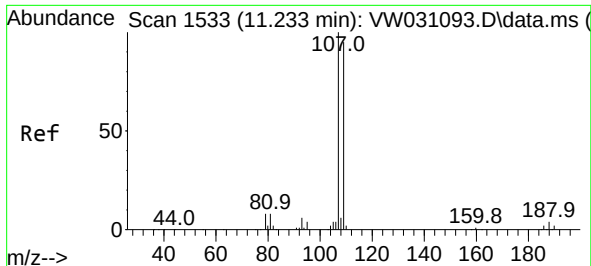
Tgt Ion:	43	Resp:	85514
Ion Ratio	100		
Lower	49.8		
Upper	74.6		
57	20.0	16.6	24.8
100	13.9	11.4	17.2



#49
Dibromochloromethane
Concen: 22.494 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:	129	Resp:	101182
Ion Ratio	100		
Lower	51.4		
Upper	95.4		
127	74.5		

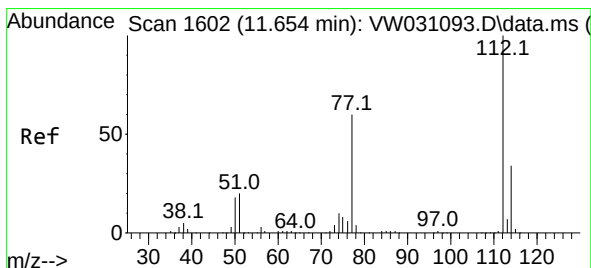
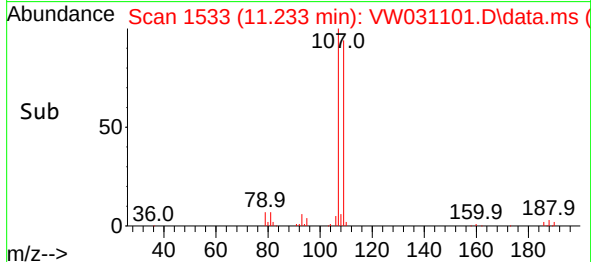
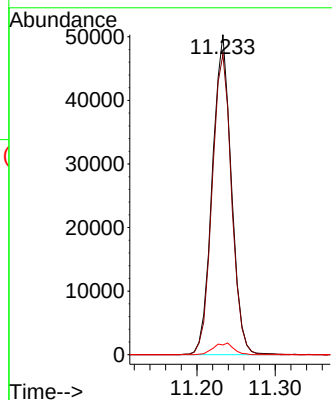
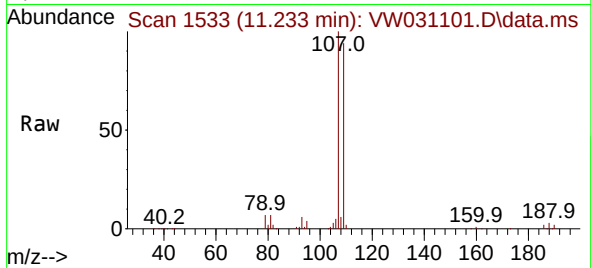




#50
1,2-Dibromoethane
Concen: 22.069 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

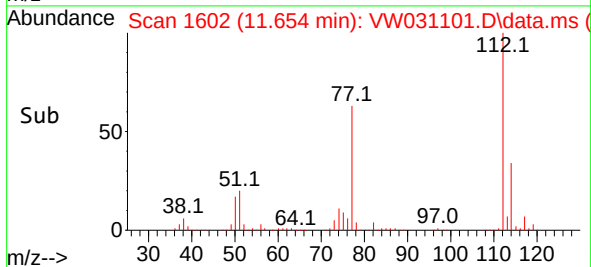
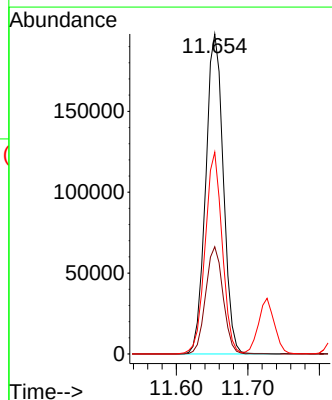
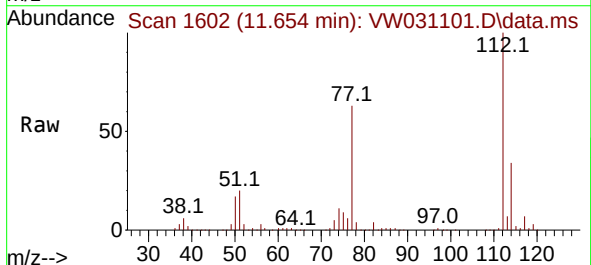
Instrument :
MSVOA_W
ClientSampleId :

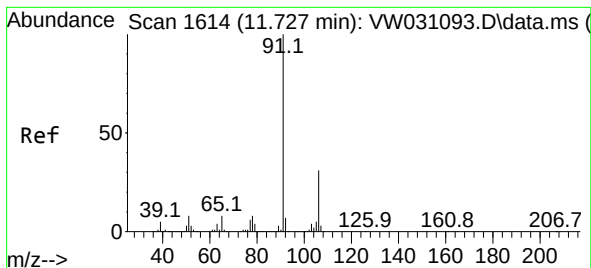
Tgt Ion:107 Resp: 84942
Ion Ratio Lower Upper
107 100
109 93.8 71.0 131.9
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 21.961 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:112 Resp: 338278
Ion Ratio Lower Upper
112 100
114 33.5 21.2 39.4
77 63.1 45.4 68.0

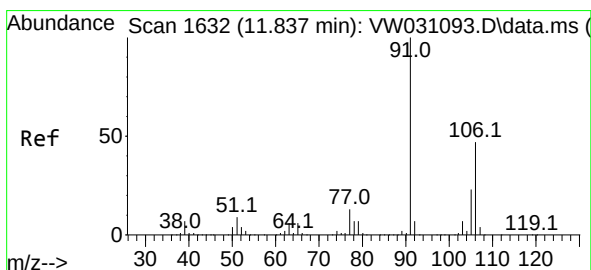
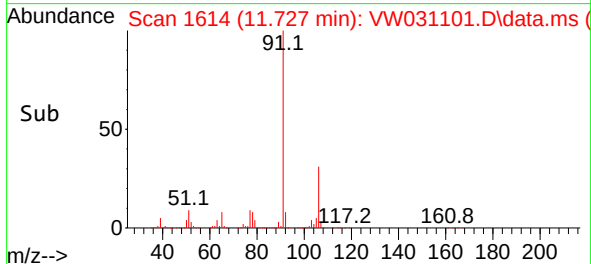
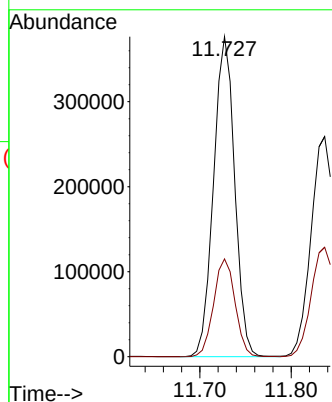
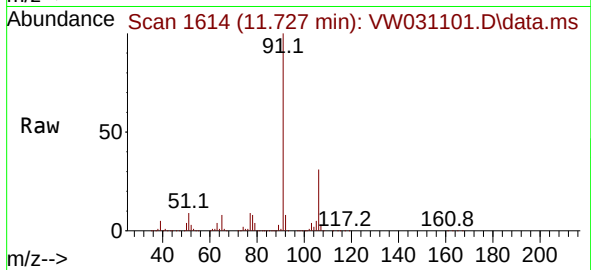




#52
Ethylbenzene
Concen: 22.881 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

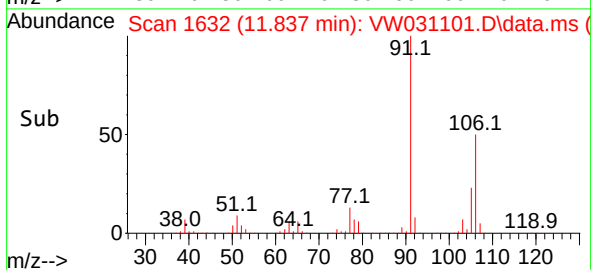
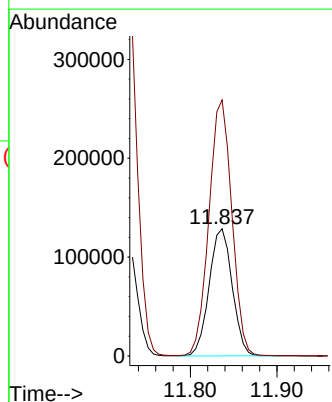
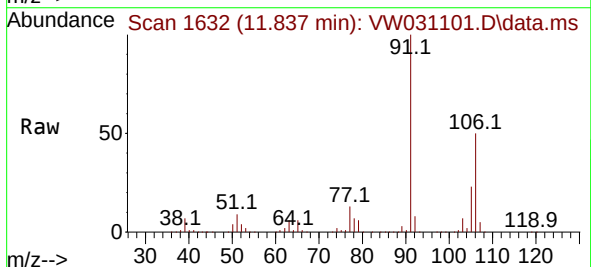
Instrument :
MSVOA_W
ClientSampleId :

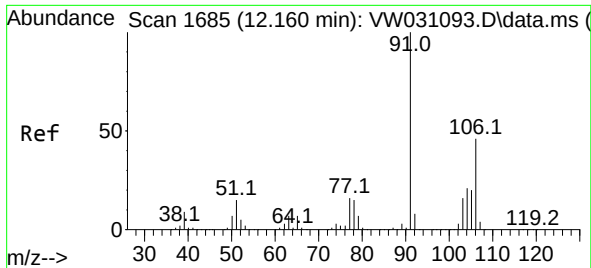
Tgt Ion: 91 Resp: 604230
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 23.568 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion: 106 Resp: 237546
Ion Ratio Lower Upper
106 100
91 201.2 140.9 261.7

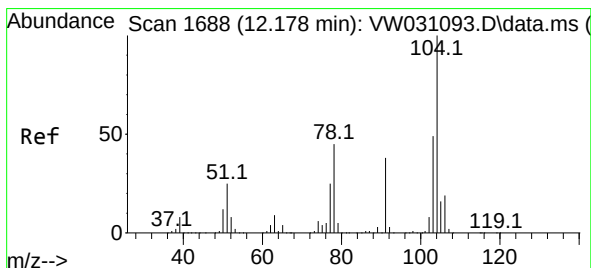
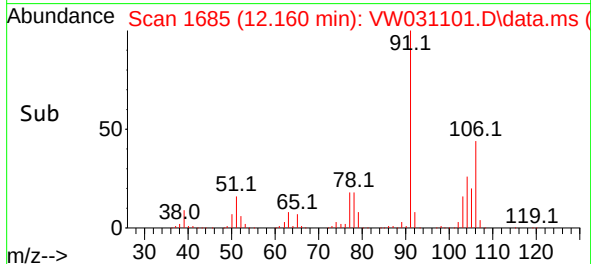
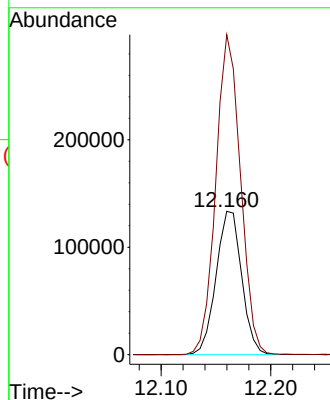
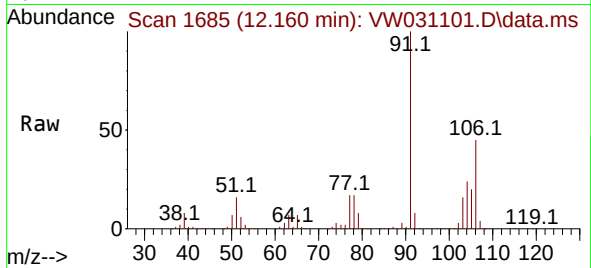




#54
o-Xylene
Concen: 22.897 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

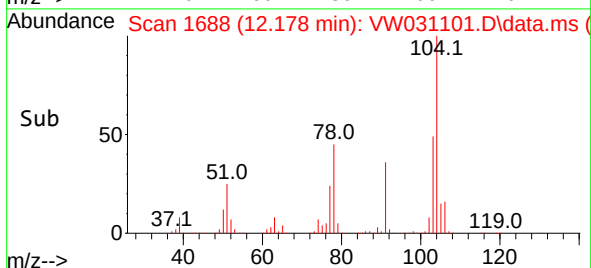
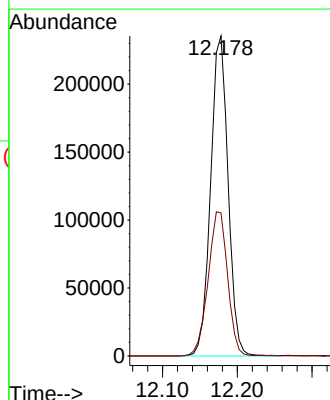
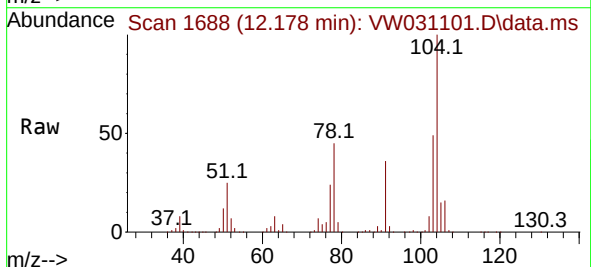
Instrument :
MSVOA_W
ClientSampleId :

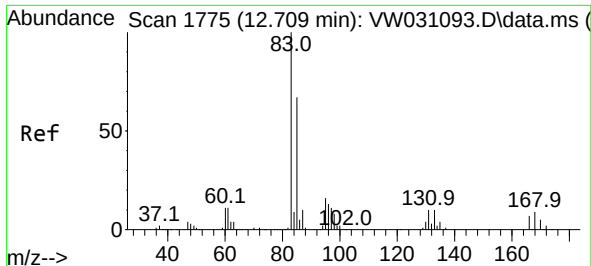
Tgt Ion:106 Resp: 216888
Ion Ratio Lower Upper
106 100
91 223.2 152.7 283.5



#55
Styrene
Concen: 23.669 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:104 Resp: 381546
Ion Ratio Lower Upper
104 100
78 44.7 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.604 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :

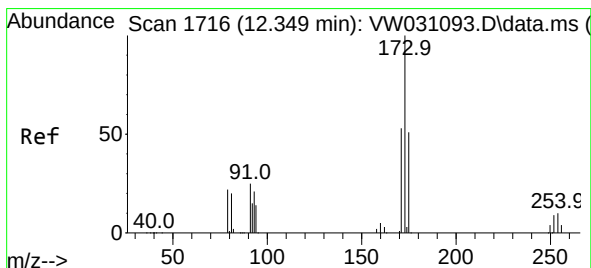
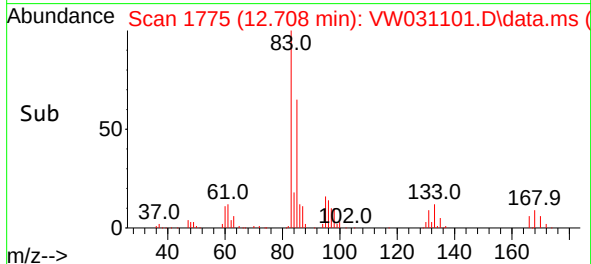
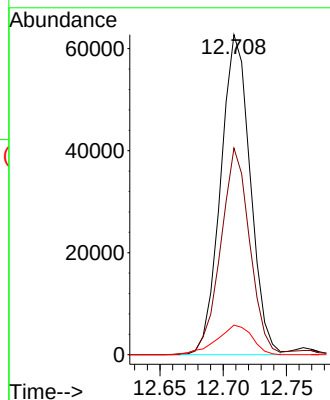
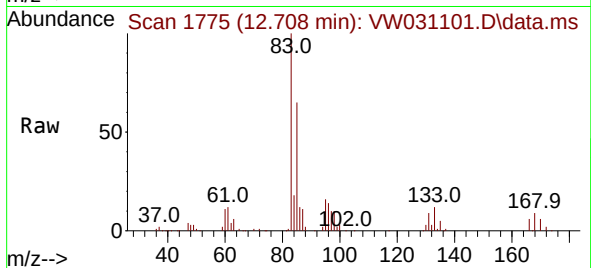
Tgt Ion: 83 Resp: 101977

Ion Ratio Lower Upper

83 100

85 64.6 48.3 89.7

131 9.3 8.9 13.3



#59

Bromoform

Concen: 21.750 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

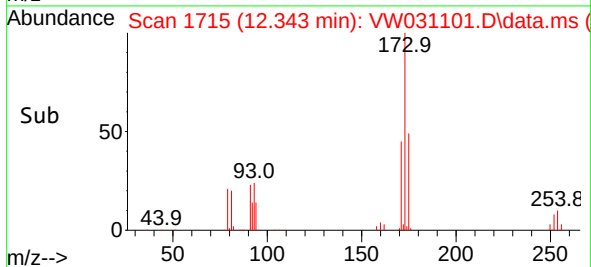
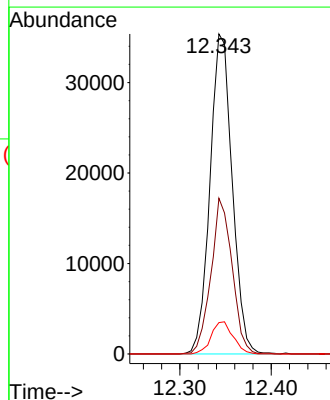
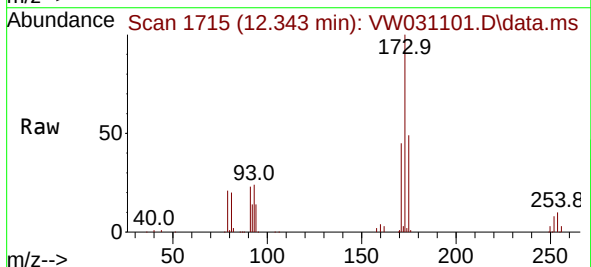
Tgt Ion:173 Resp: 59610

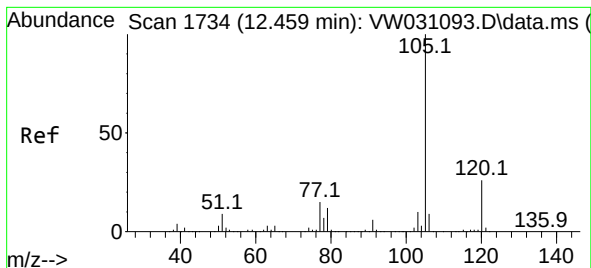
Ion Ratio Lower Upper

173 100

175 46.3 36.6 54.8

254 9.9 7.7 11.5





#60

Isopropylbenzene

Concen: 22.326 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :

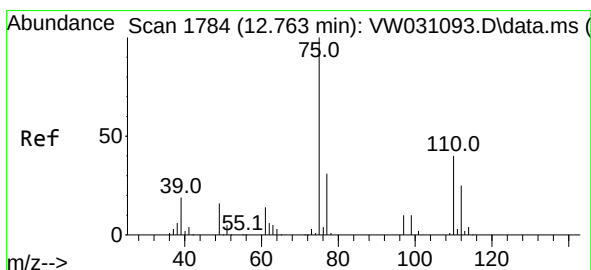
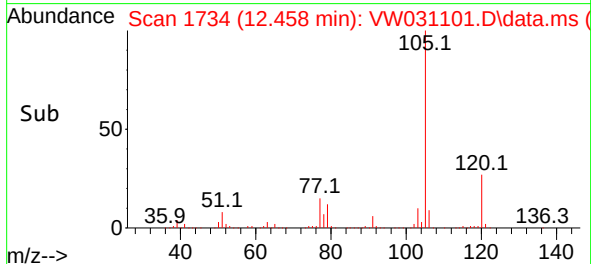
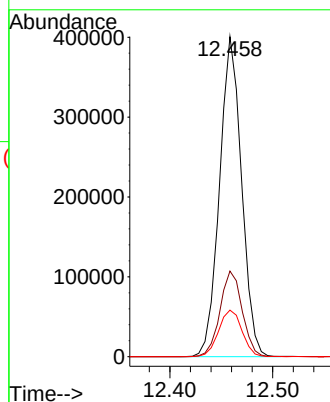
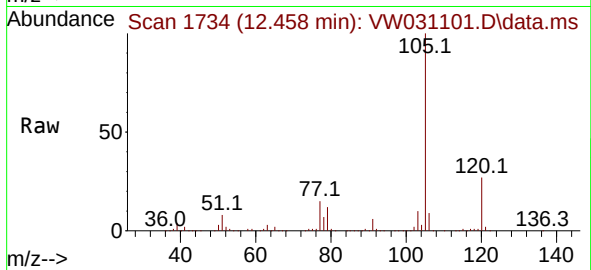
Tgt Ion:105 Resp: 595693

Ion Ratio Lower Upper

105 100

120 27.0 21.5 32.3

77 15.5 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 21.334 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

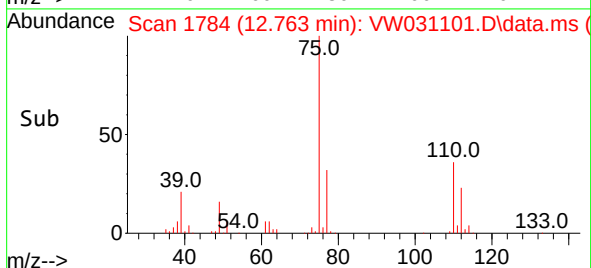
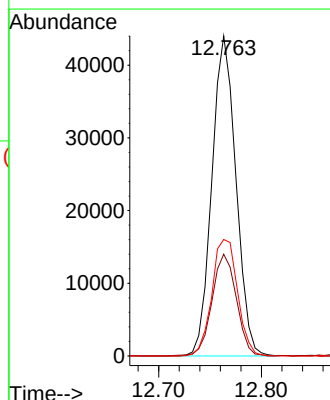
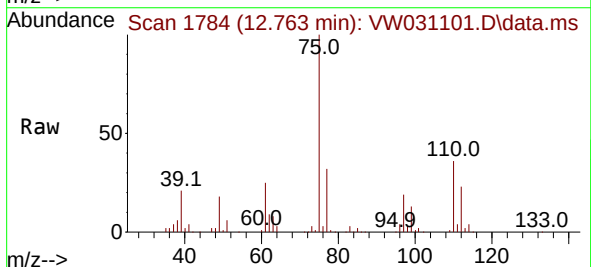
Tgt Ion: 75 Resp: 71521

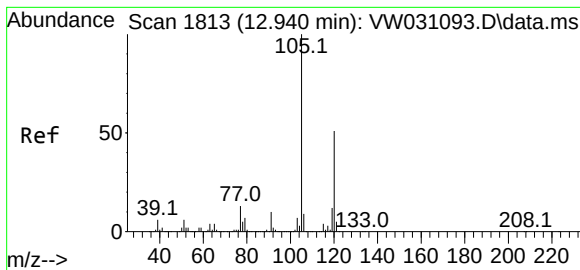
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

110 38.9 33.1 49.7

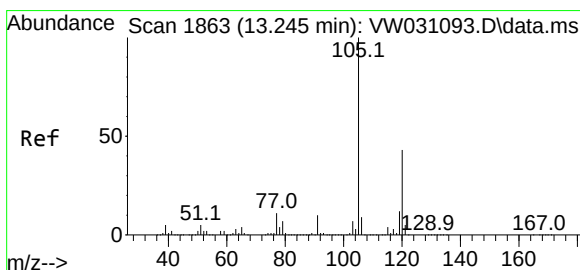
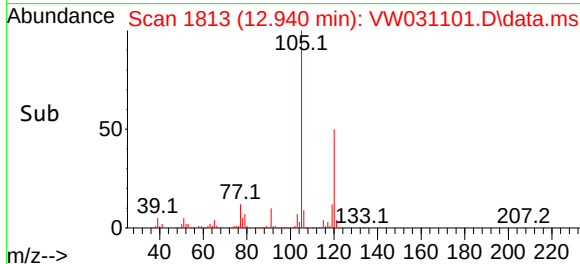
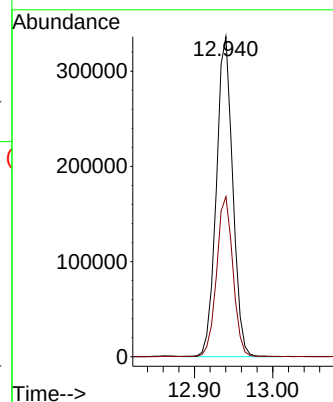
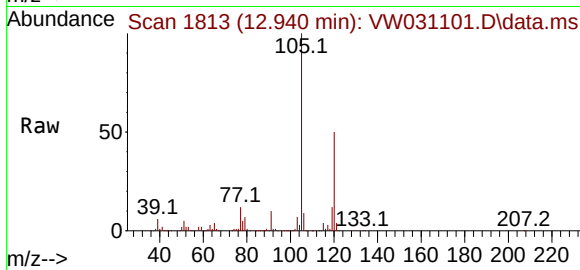




#62
1,3,5-Trimethylbenzene
Concen: 23.240 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

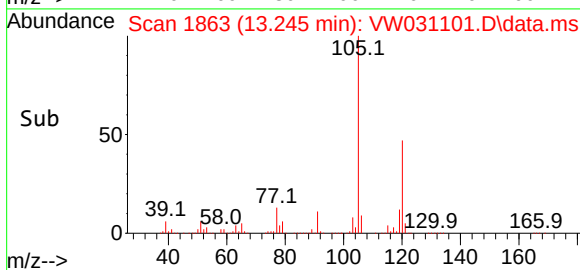
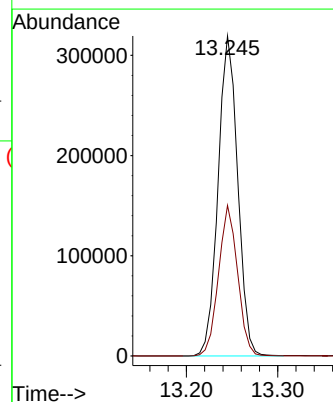
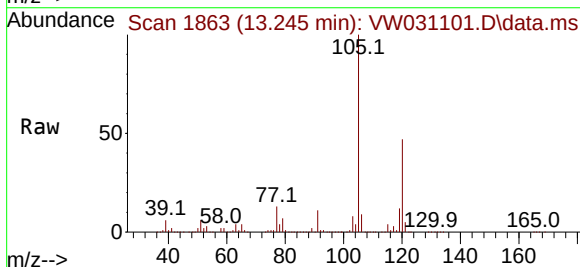
Instrument :
MSVOA_W
ClientSampleId :

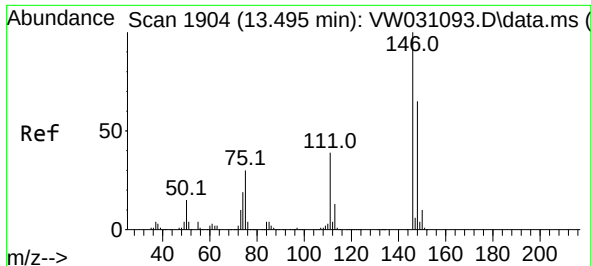
Tgt Ion:105 Resp: 489136
Ion Ratio Lower Upper
105 100
120 49.7 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 22.939 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:105 Resp: 476221
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.0

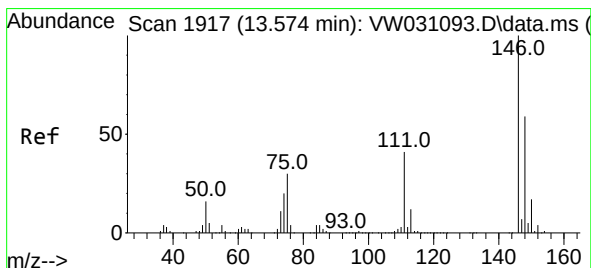
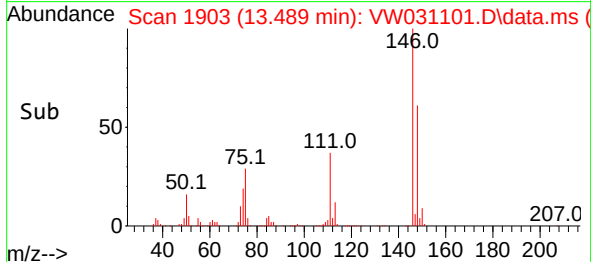
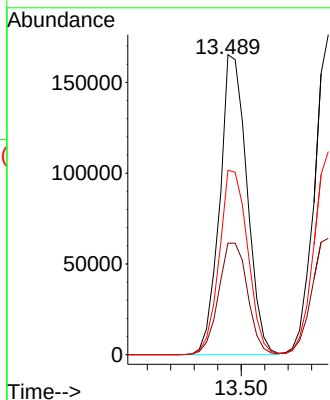
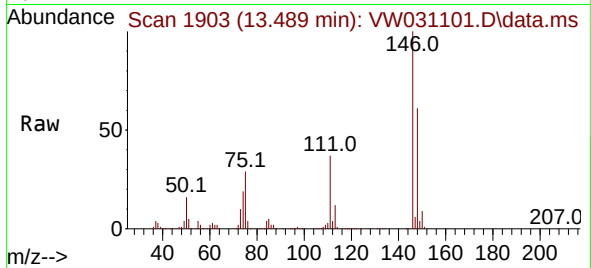




#64
1,3-Dichlorobenzene
Concen: 21.871 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

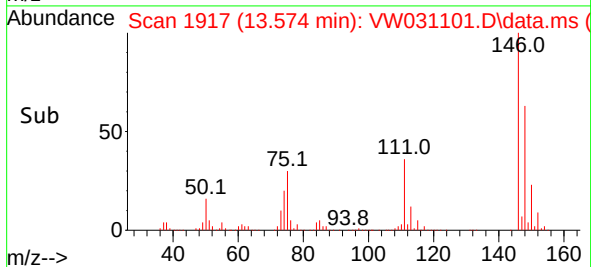
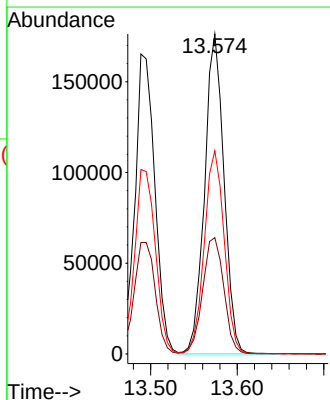
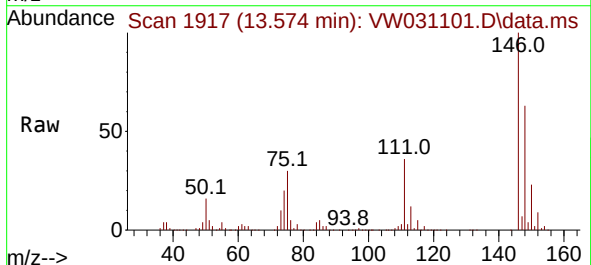
Instrument :
MSVOA_W
ClientSampleId :

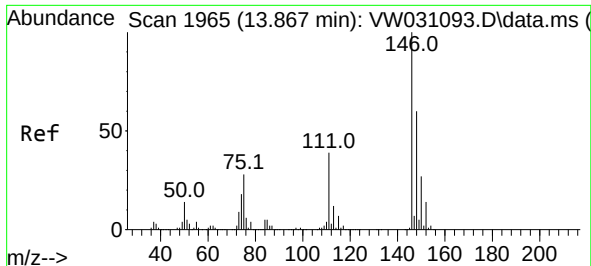
Tgt Ion:146 Resp: 266144
Ion Ratio Lower Upper
146 100
111 37.2 28.5 52.9
148 61.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 21.682 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031101.D
Acq: 22 Nov 2024 14:56

Tgt Ion:146 Resp: 274534
Ion Ratio Lower Upper
146 100
111 36.4 26.6 49.4
148 63.5 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 21.875 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :

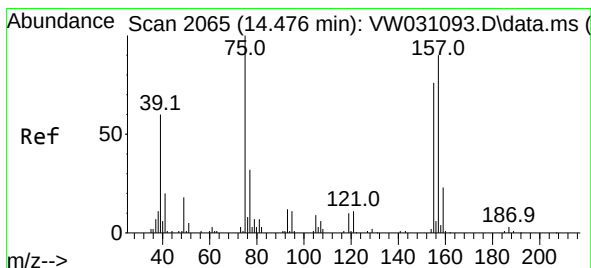
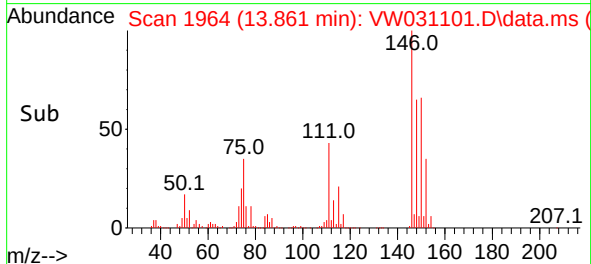
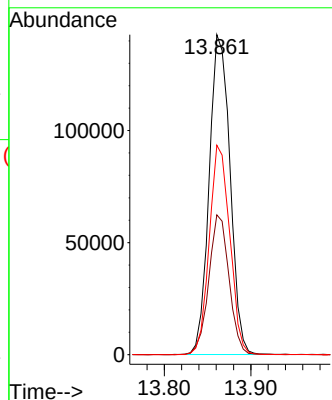
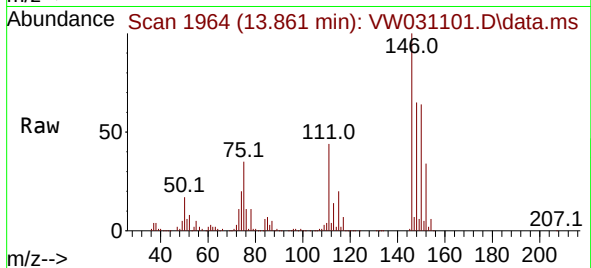
Tgt Ion:146 Resp: 238617

Ion Ratio Lower Upper

146 100

111 43.7 30.9 46.3

148 65.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.940 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

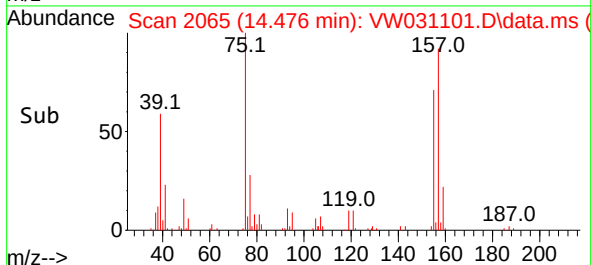
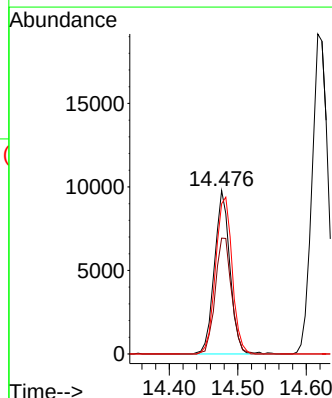
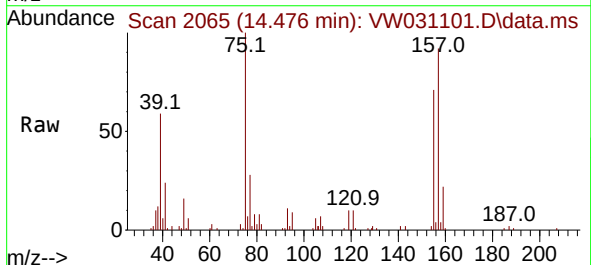
Tgt Ion: 75 Resp: 15344

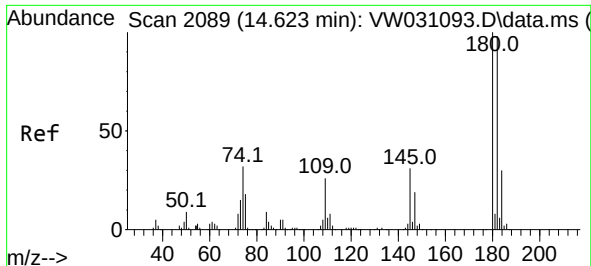
Ion Ratio Lower Upper

75 100

155 70.9 63.1 94.7

157 91.9 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 22.861 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

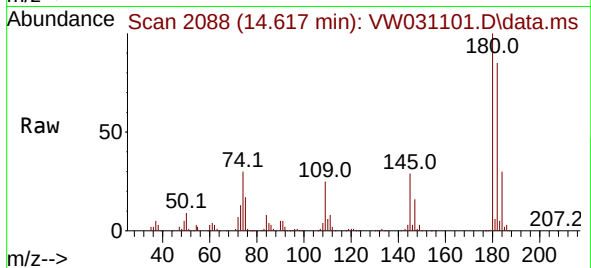
Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 190167

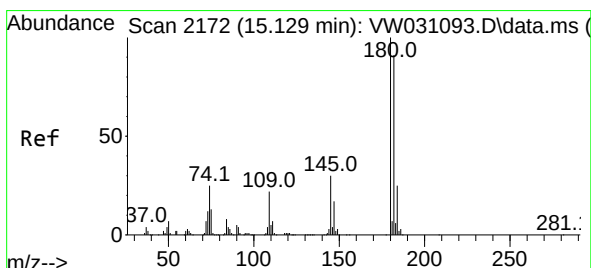
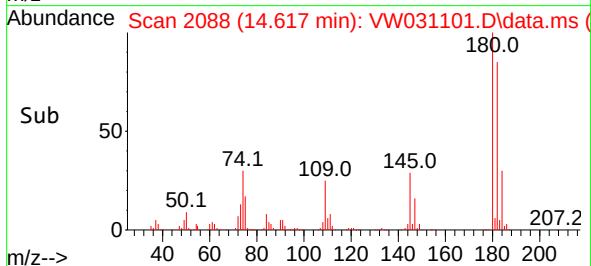
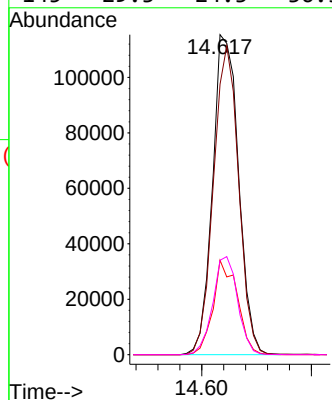
Ion Ratio Lower Upper

180 100

182 93.2 78.2 117.2

184 27.7 24.0 36.0

145 29.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 22.483 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

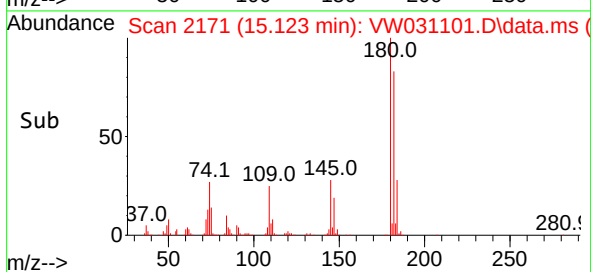
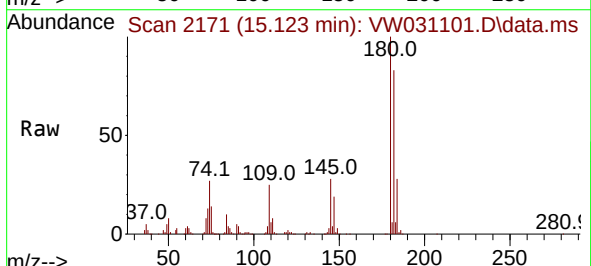
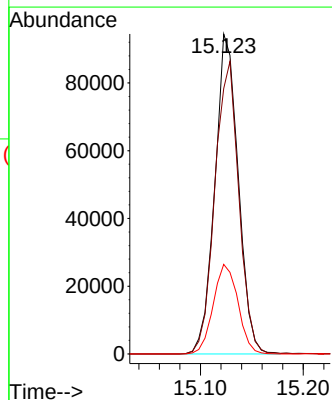
Tgt Ion:180 Resp: 149565

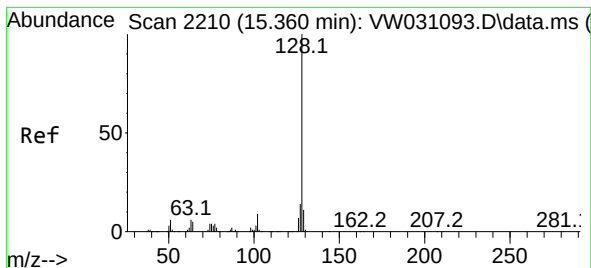
Ion Ratio Lower Upper

180 100

182 93.7 76.1 114.1

145 29.5 25.7 38.5





#71

Naphthalene

Concen: 22.221 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Instrument :

MSVOA_W

ClientSampleId :

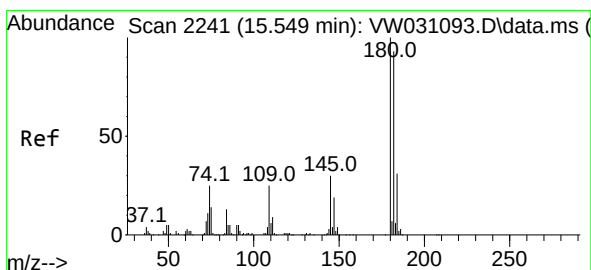
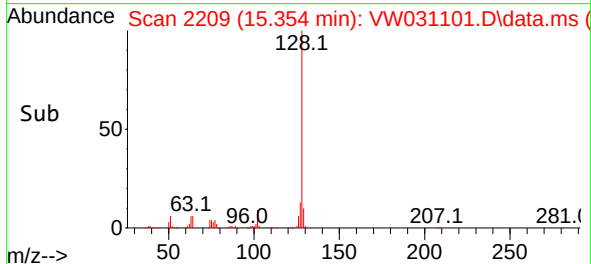
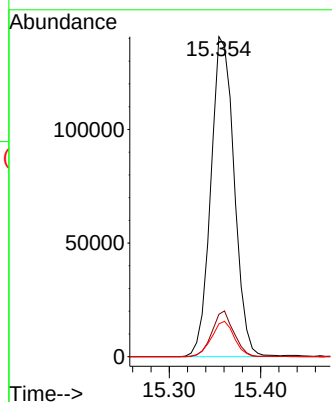
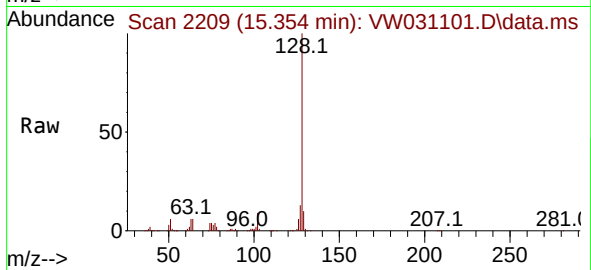
Tgt Ion:128 Resp: 249921

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 23.611 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031101.D

Acq: 22 Nov 2024 14:56

Tgt Ion:180 Resp: 139804

Ion Ratio Lower Upper

180 100

182 87.5 78.7 118.1

145 30.9 26.3 39.5

