

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028254.D
 Acq On : 27 Mar 2024 16:37
 Operator : SY/MD
 Sample : P1886-11MSD
 Misc : 4.96g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216778	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	157552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	46743	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50958	20.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.360%
7) Chloroethane-d5	2.899	69	46477	26.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.021	65	36106	22.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.800%
21) 2-Butanone-d5	7.075	46	61875	82.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.420%#
24) Chloroform-d	7.648	84	194087	30.363	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.440%
26) 1,2-Dichloroethane-d4	8.307	65	105037	29.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.280%
32) Benzene-d6	8.276	84	344742	35.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.360%#
36) 1,2-Dichloropropane-d6	9.270	67	110483	39.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.640%#
41) Toluene-d8	10.318	98	279903	31.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.200%
43) trans-1,3-Dichloroprop...	10.575	79	37632	29.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.720%
47) 2-Hexanone-d5	10.922	63	47485	103.777	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84181	41.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	53780	31.584	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80198	25.503	ug/L	100
3) Chloromethane	2.222	50	59061	26.480	ug/L	98
5) Vinyl chloride	2.375	62	58792	23.319	ug/L	99
6) Bromomethane	2.789	94	41410	27.580	ug/L	94
8) Chloroethane	2.936	64	37536	27.700	ug/L	100
9) Trichlorofluoromethane	3.271	101	89985	29.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78426	25.899	ug/L	94
12) 1,1-Dichloroethene	4.045	96	72014	25.726	ug/L	98
13) Acetone	4.118	43	57471	69.191	ug/L	97
14) Carbon disulfide	4.393	76	118039	13.520	ug/L	100
15) Methyl Acetate	4.667	43	41203	32.204	ug/L	98
16) Methylene chloride	4.911	84	81602	24.733	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	56393	18.956	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	151662	33.790	ug/L	98
19) 1,1-Dichloroethane	6.216	63	172265	29.911	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79622	24.782	ug/L	98
22) 2-Butanone	7.167	43	67470	71.544	ug/L	99
23) Bromochloromethane	7.514	128	39196	27.595	ug/L	96
25) Chloroform	7.679	83	173423	29.250	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

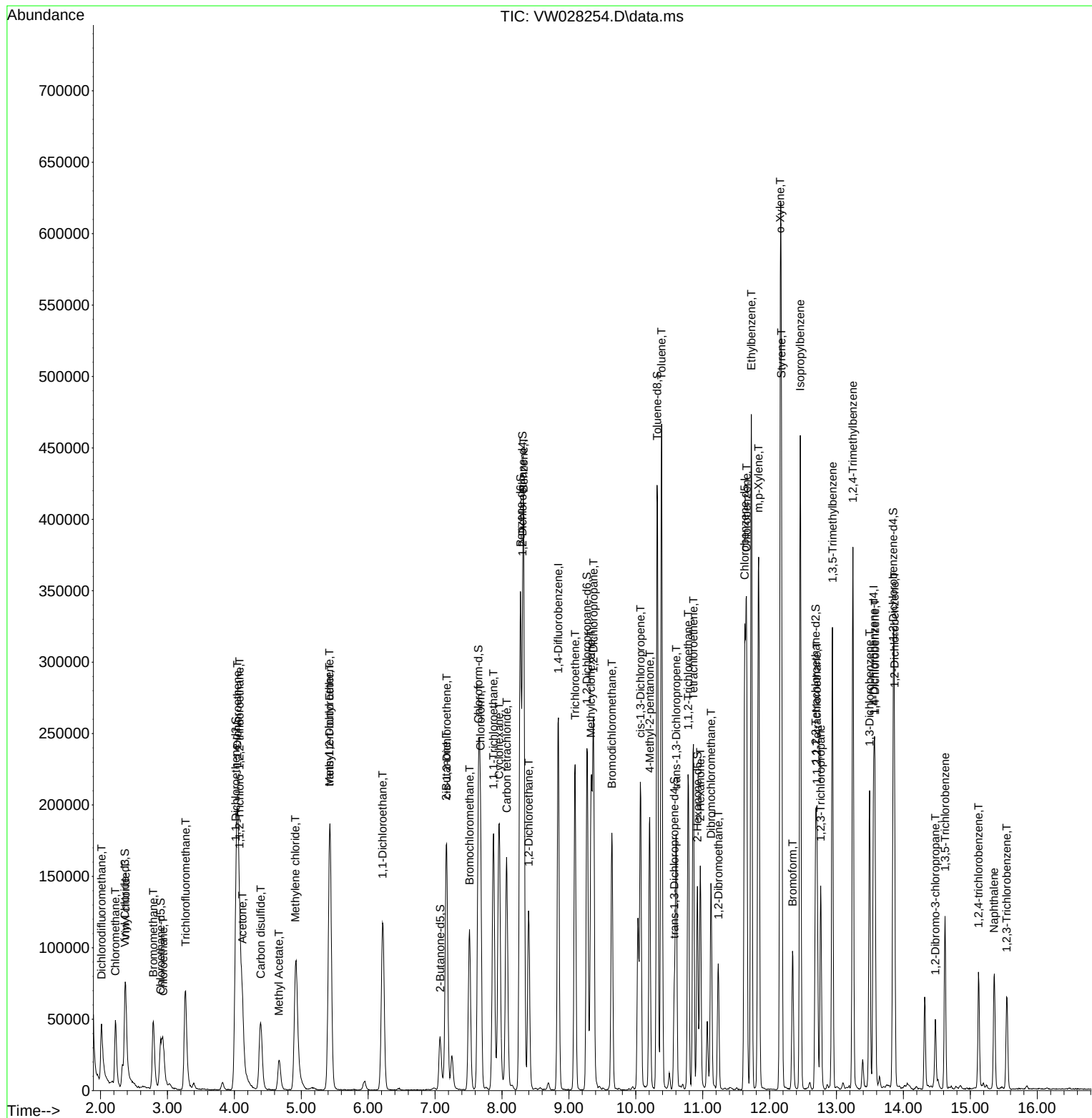
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117794	28.133	ug/L	98
29) Cyclohexane	7.959	56	113068	27.514	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	149456	36.188	ug/L	98
31) Carbon tetrachloride	8.069	117	127615	32.942	ug/L	98
33) Benzene	8.325	78	339374	35.005	ug/L	100
34) Trichloroethene	9.093	95	78881	29.163	ug/L	97
35) Methylcyclohexane	9.331	83	85233	18.642	ug/L	99
37) 1,2-Dichloropropane	9.367	63	92507	37.304	ug/L	100
38) Bromodichloromethane	9.642	83	121368	36.301	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	127055	31.993	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123448	90.187	ug/L	98
42) Toluene	10.386	91	327448	30.947	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	97071	28.951	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	69041	38.534	ug/L	96
46) Tetrachloroethene	10.861	164	54163	24.842	ug/L	98
48) 2-Hexanone	10.965	43	97029	90.492	ug/L	98
49) Dibromochloromethane	11.123	129	75109	35.397	ug/L	98
50) 1,2-Dibromoethane	11.233	107	58043	33.880	ug/L	96
51) Chlorobenzene	11.654	112	171872	25.591	ug/L	98
52) Ethylbenzene	11.727	91	327033	26.476	ug/L	100
53) m,p-Xylene	11.837	106	117845	25.353	ug/L	97
54) o-Xylene	12.160	106	120446	27.943	ug/L	93
55) Styrene	12.178	104	166140	22.439	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	74253	36.233	ug/L	95
59) Bromoform	12.343	173	43447	62.029	ug/L	99
60) Isopropylbenzene	12.458	105	289005	41.614	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57351	64.288	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	171749	36.857	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	198811	35.333	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	82926	26.765	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	79657	25.711	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	84704	31.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12231	58.365	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	36350	16.843	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	23749	12.953	ug/L	94
71) Naphthalene	15.354	128	70437	22.383	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	21919	14.502	ug/L	96

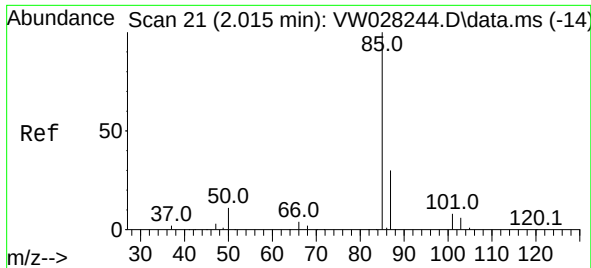
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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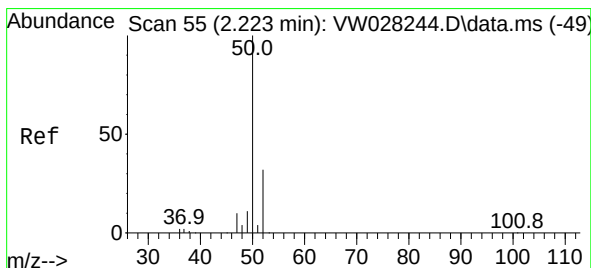
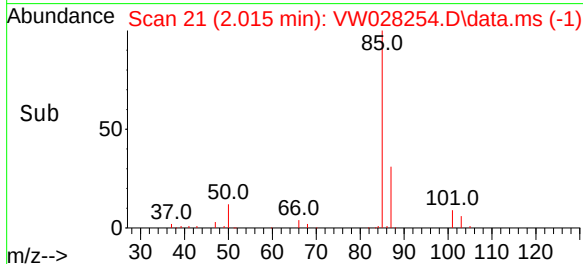
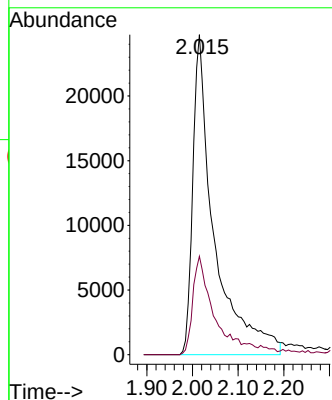
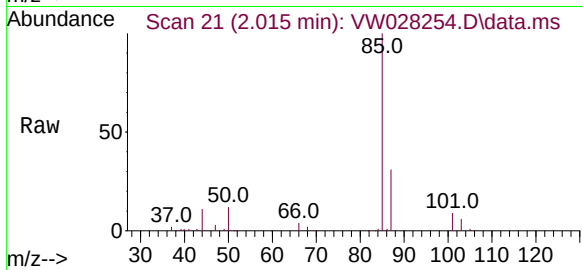




#2
 Dichlorodifluoromethane
 Concen: 25.503 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028254.D
 Acq: 27 Mar 2024 16:37

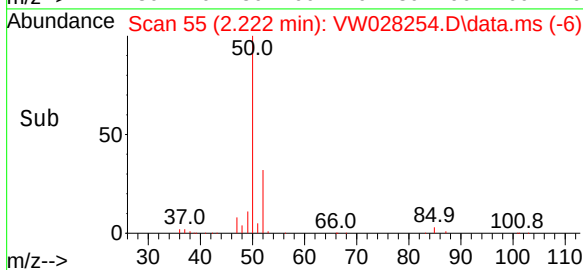
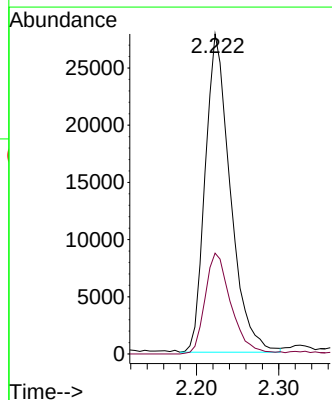
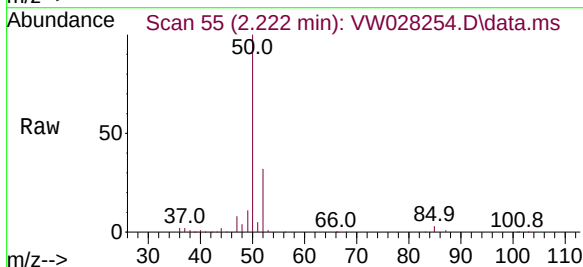
Instrument :
 MSVOA_W
 ClientSampleId :

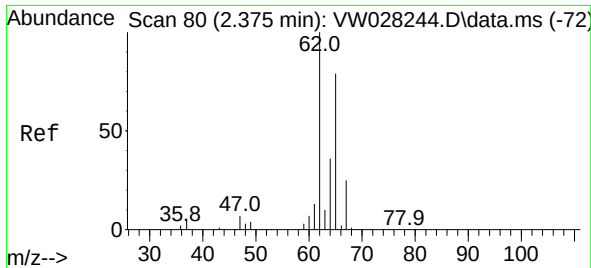
Tgt Ion: 85 Resp: 80198
 Ion Ratio Lower Upper
 85 100
 87 26.3 20.9 31.3



#3
 Chloromethane
 Concen: 26.480 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028254.D
 Acq: 27 Mar 2024 16:37

Tgt Ion: 50 Resp: 59061
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.1

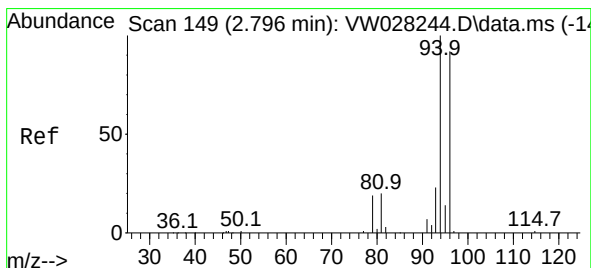
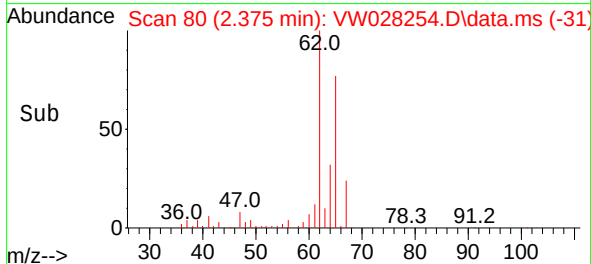
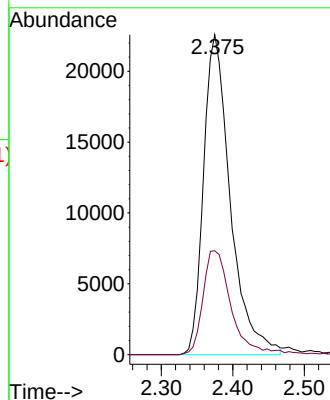
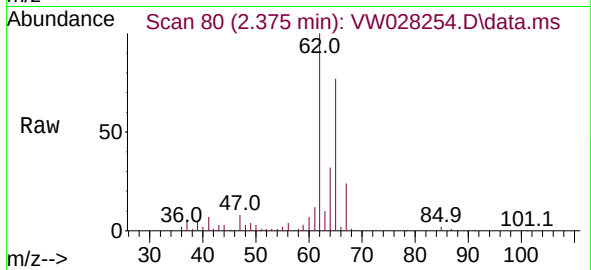




#5
 Vinyl chloride
 Concen: 23.319 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028254.D
 Acq: 27 Mar 2024 16:37

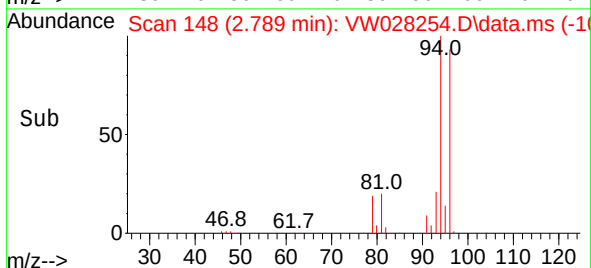
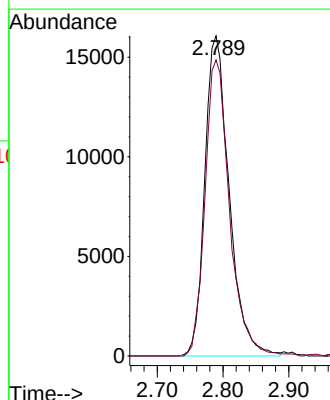
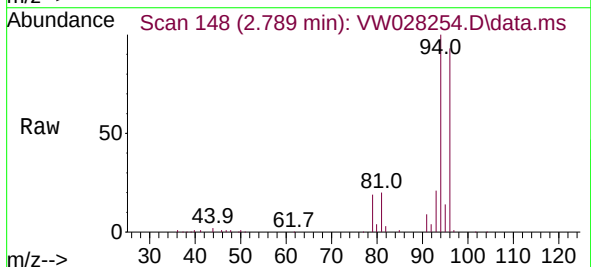
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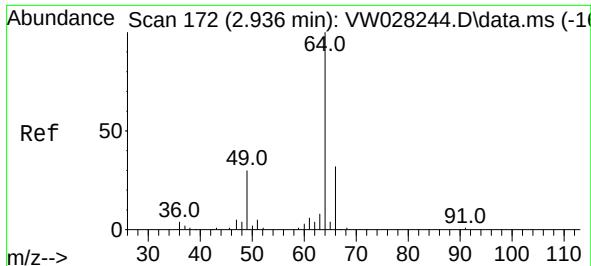
Tgt Ion: 62 Resp: 58792
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.5 41.7



#6
 Bromomethane
 Concen: 27.580 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028254.D
 Acq: 27 Mar 2024 16:37

Tgt Ion: 94 Resp: 41410
 Ion Ratio Lower Upper
 94 100
 96 92.5 60.8 113.0

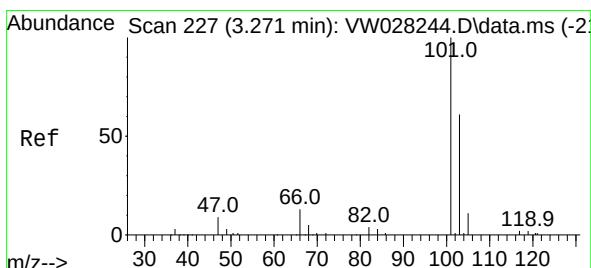
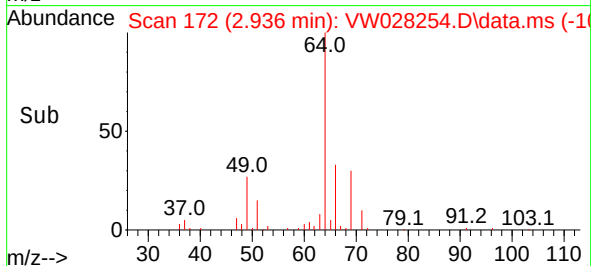
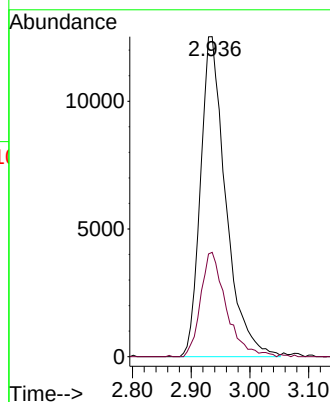
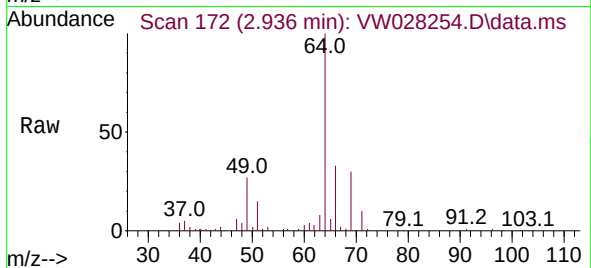




#8
Chloroethane
Concen: 27.700 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

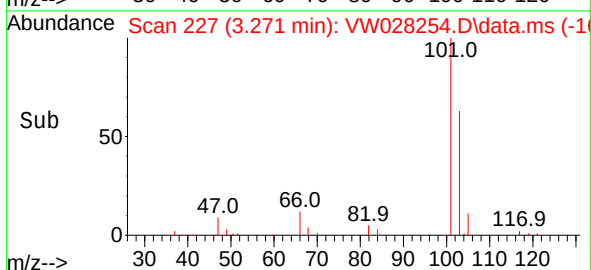
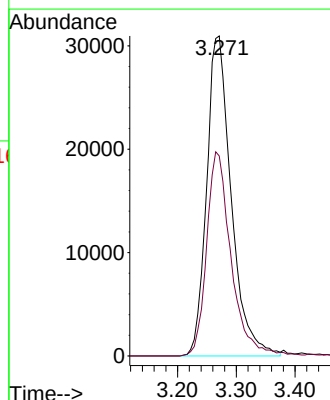
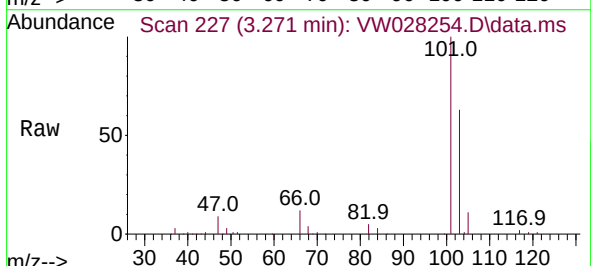
Instrument :
MSVOA_W
ClientSampleId :

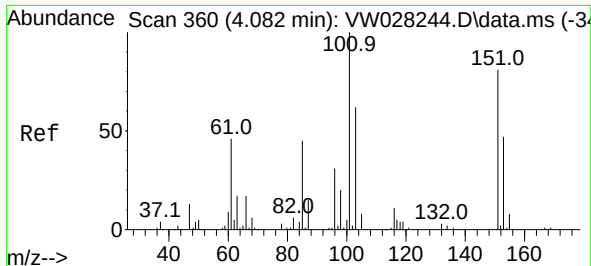
Tgt Ion: 64 Resp: 37536
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 29.521 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion:101 Resp: 89985
Ion Ratio Lower Upper
101 100
103 62.8 50.9 76.3





#10

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

Concen: 25.899 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

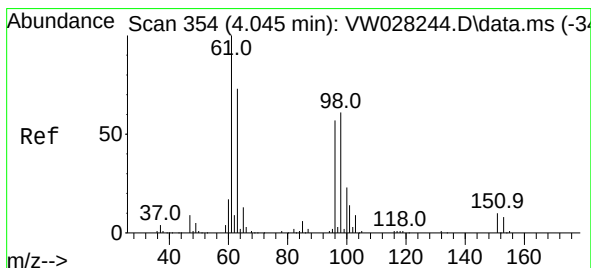
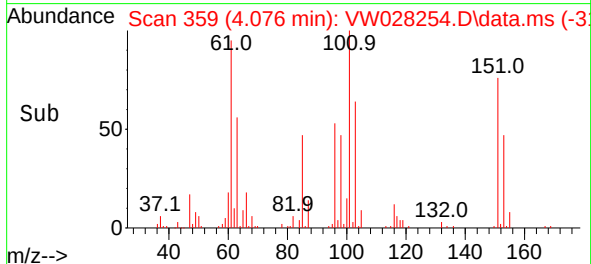
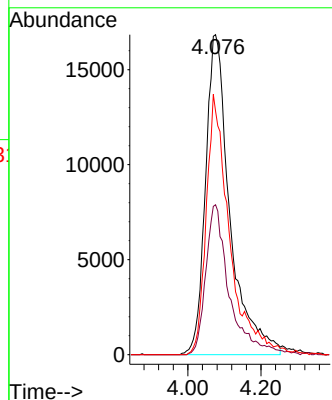
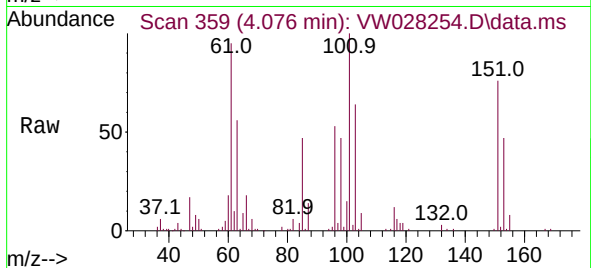
Tgt Ion:101 Resp: 78426

Ion Ratio Lower Upper

101 100

85 41.1 36.4 54.6

151 68.7 58.4 87.6



#12

1,1-Dichloroethene

Concen: 25.726 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

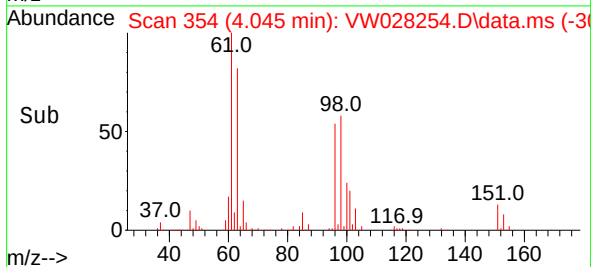
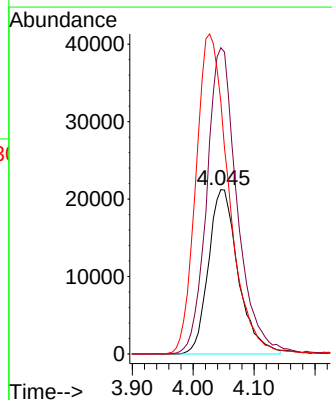
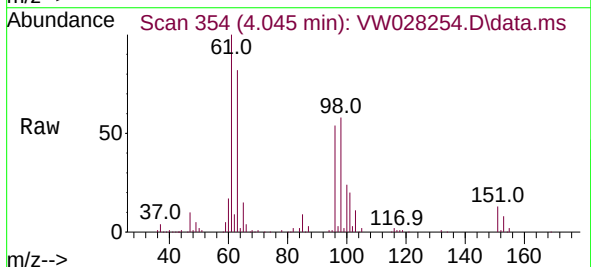
Tgt Ion: 96 Resp: 72014

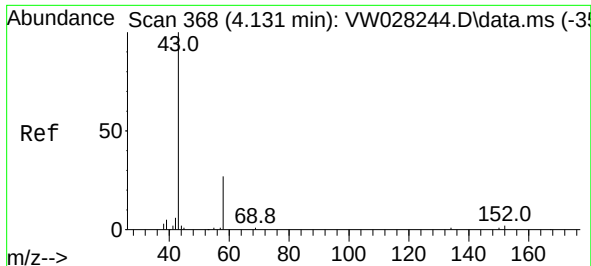
Ion Ratio Lower Upper

96 100

61 186.2 132.2 245.4

63 153.5 104.6 194.2

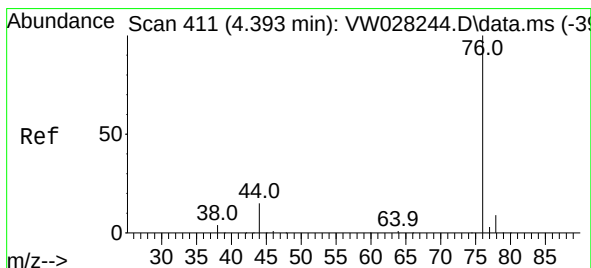
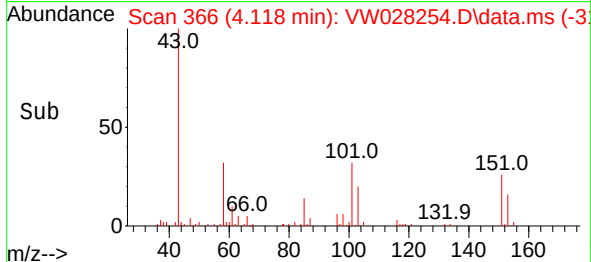
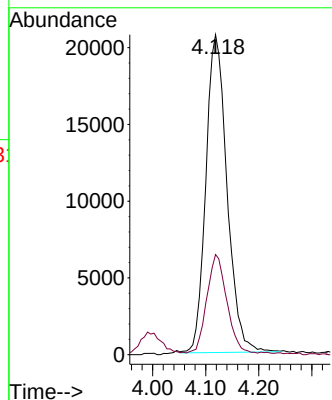
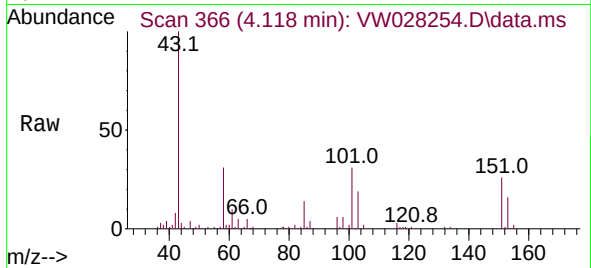




#13
Acetone
Concen: 69.191 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

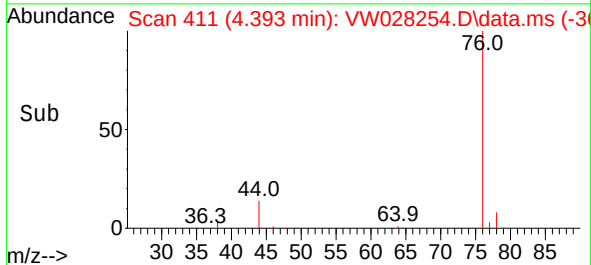
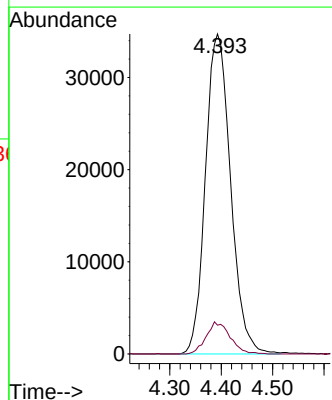
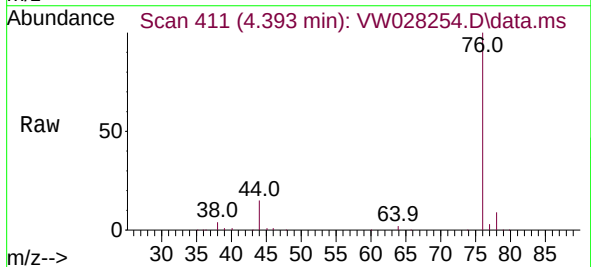
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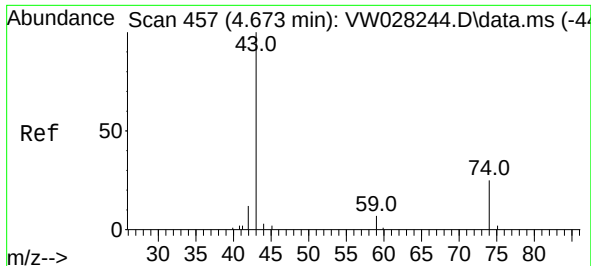
Tgt Ion: 43 Resp: 57471
Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.8



#14
Carbon disulfide
Concen: 13.520 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 118039
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

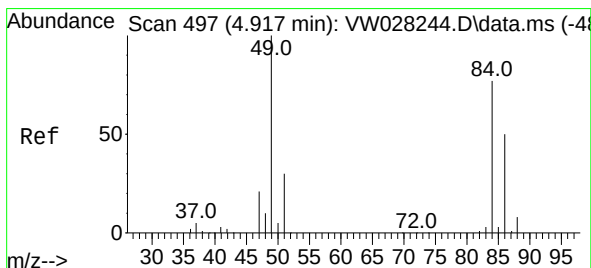
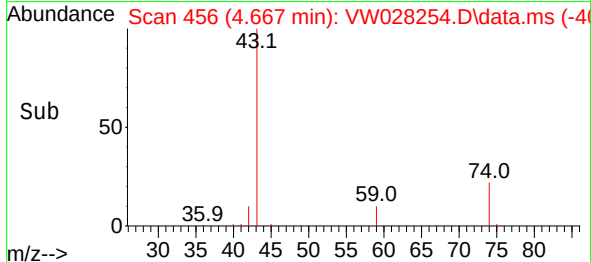
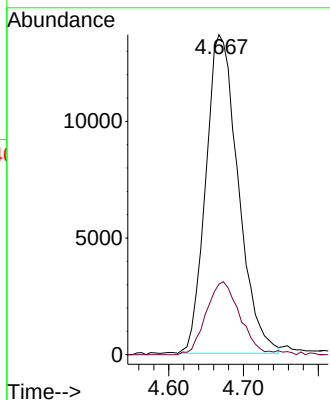
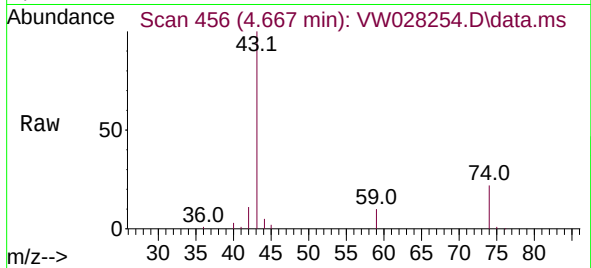




#15
Methyl Acetate
Concen: 32.204 ug/L
RT: 4.667 min Scan# 41203
Delta R.T. -0.006 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

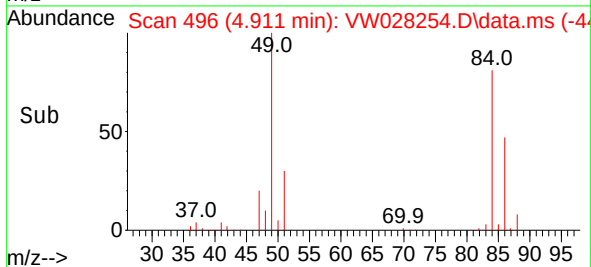
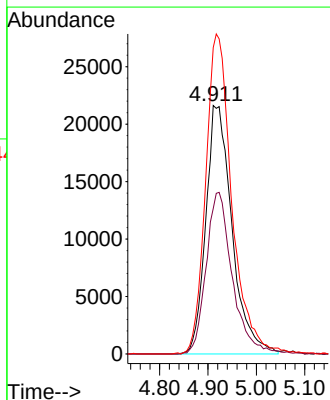
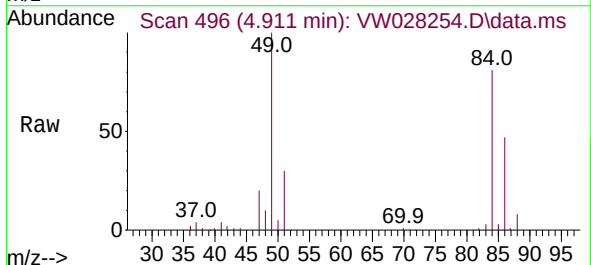
Instrument :
MSVOA_W
ClientSampleId :

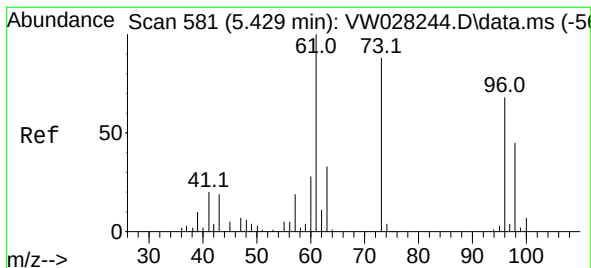
Tgt Ion: 43 Resp: 41203
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.2



#16
Methylene chloride
Concen: 24.733 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 84 Resp: 81602
Ion Ratio Lower Upper
84 100
86 58.5 43.1 80.1
49 123.3 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 18.956 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

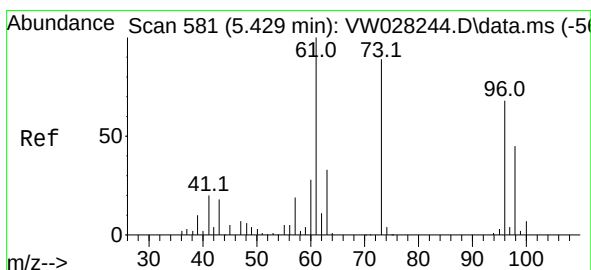
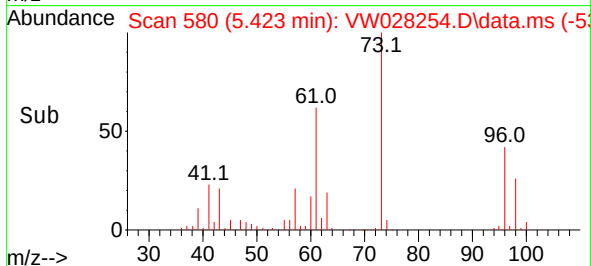
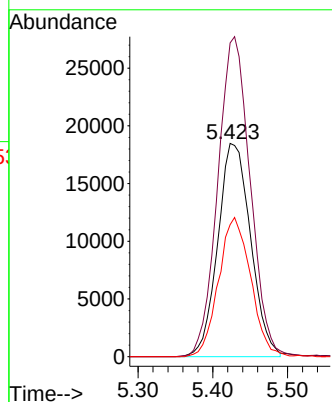
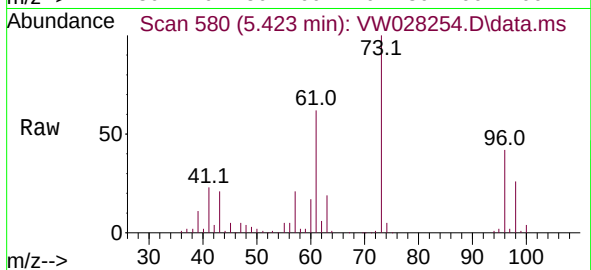
Tgt Ion: 96 Resp: 56393

Ion Ratio Lower Upper

96 100

61 147.1 98.4 182.8

98 61.9 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 33.790 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

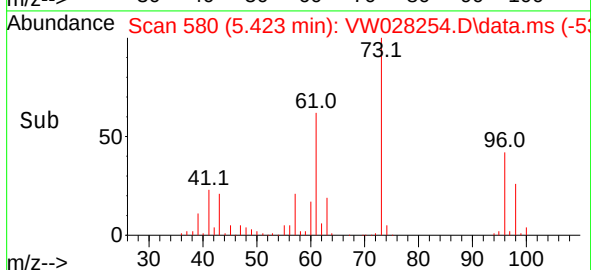
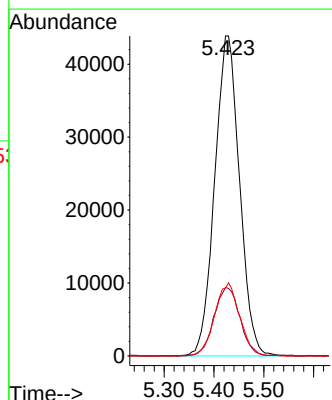
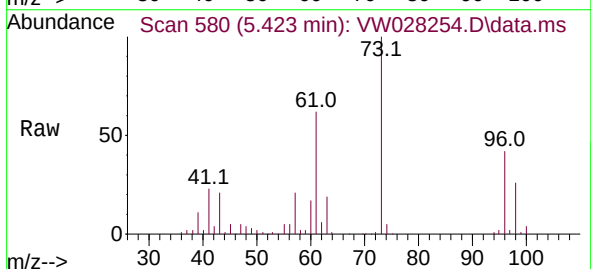
Tgt Ion: 73 Resp: 151662

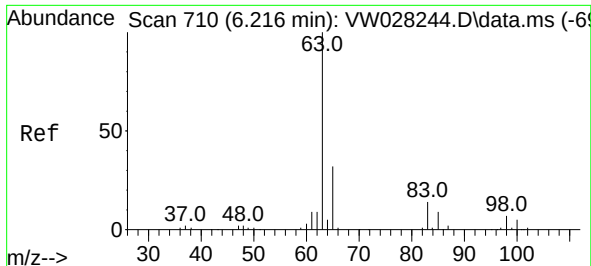
Ion Ratio Lower Upper

73 100

43 22.3 18.2 27.4

57 23.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 29.911 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

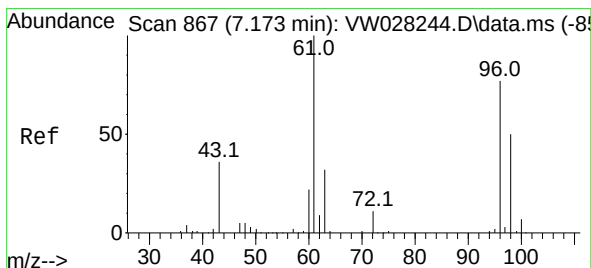
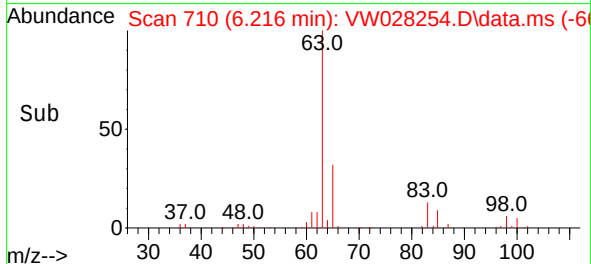
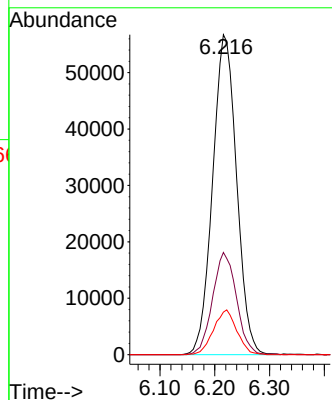
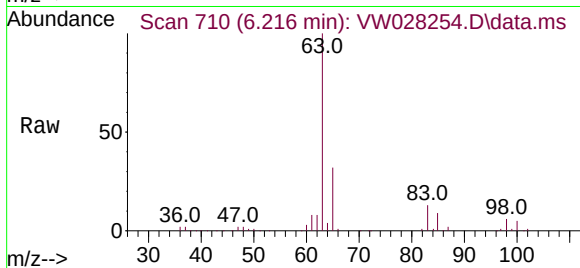
Tgt Ion: 63 Resp: 172265

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.782 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

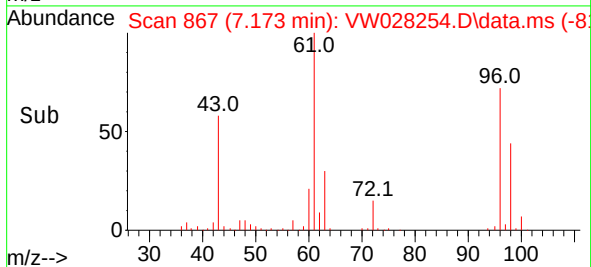
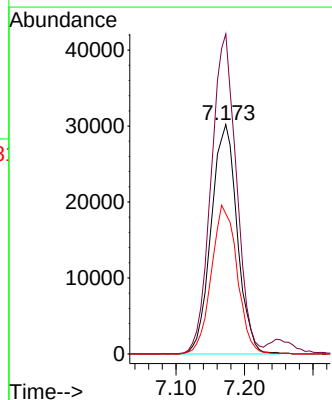
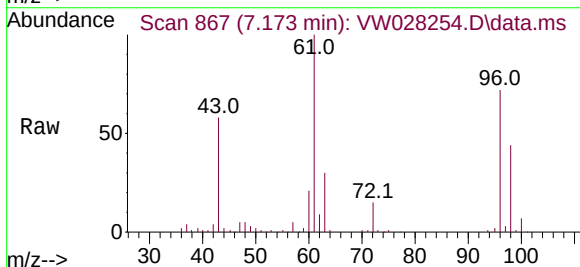
Tgt Ion: 96 Resp: 79622

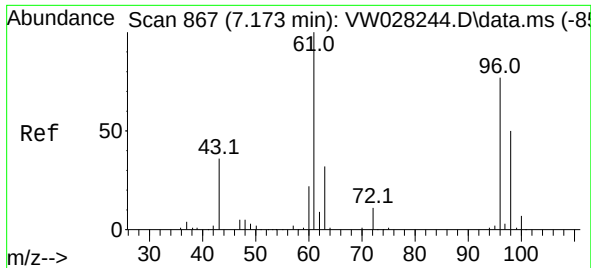
Ion Ratio Lower Upper

96 100

61 139.4 95.7 177.7

98 61.1 43.9 81.5

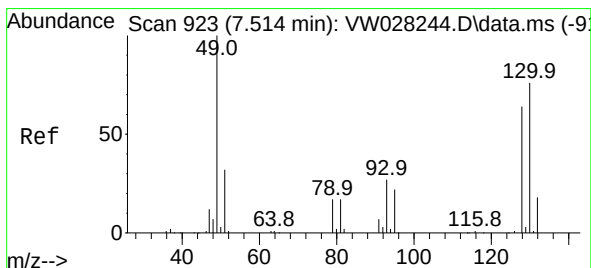
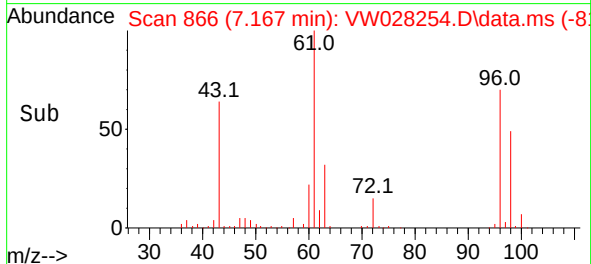
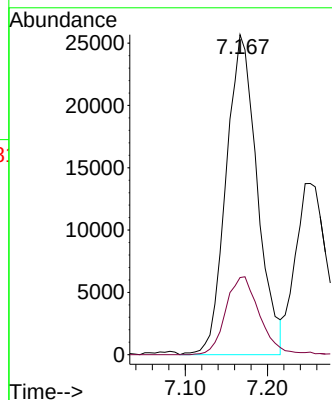
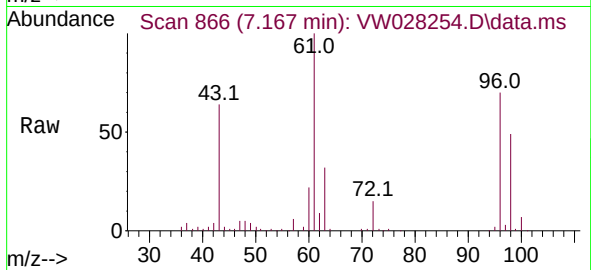




#22
2-Butanone
Concen: 71.544 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

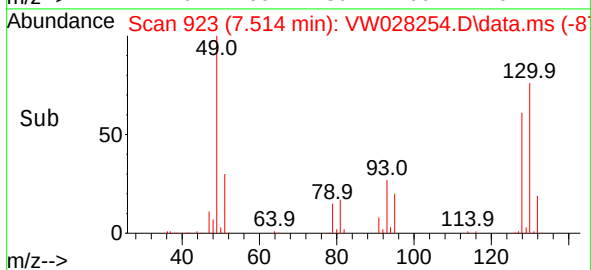
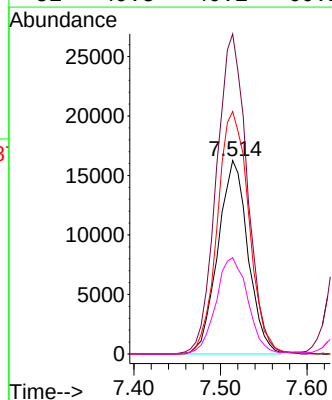
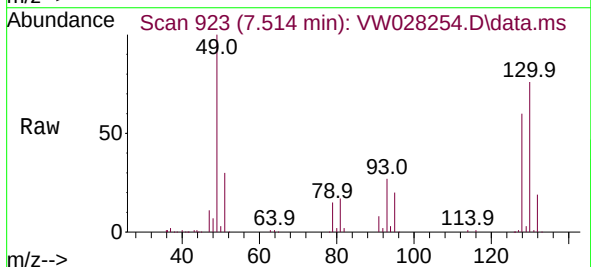
Instrument :
MSVOA_W
ClientSampleId :

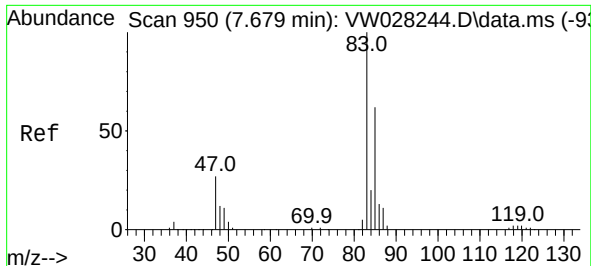
Tgt Ion: 43 Resp: 67470
Ion Ratio Lower Upper
43 100
72 26.3 12.8 38.4



#23
Bromochloromethane
Concen: 27.595 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 128 Resp: 39196
Ion Ratio Lower Upper
128 100
49 165.4 116.6 216.6
130 125.3 80.1 148.7
51 49.8 40.1 60.1





#25

Chloroform

Concen: 29.250 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

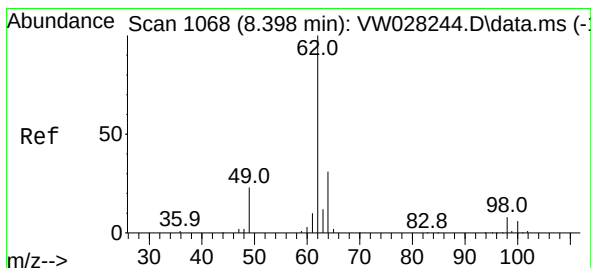
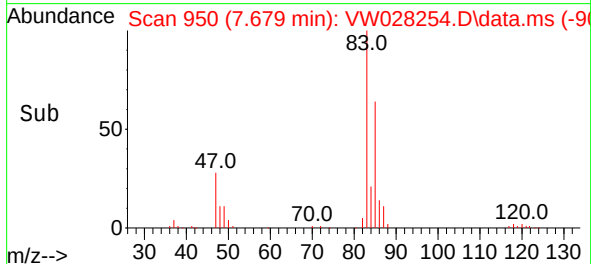
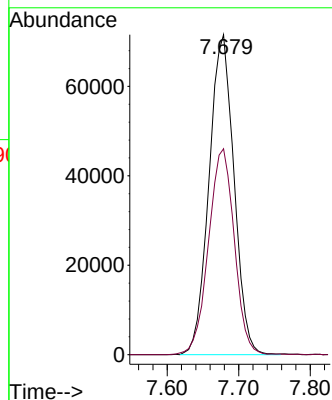
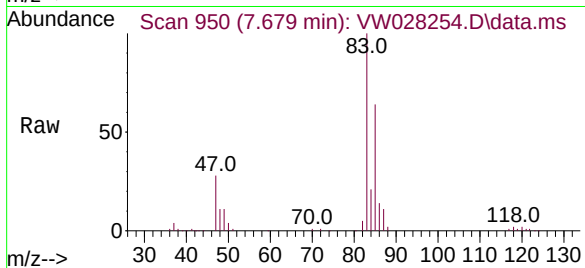
ClientSampleId :

Tgt Ion: 83 Resp: 173423

Ion Ratio Lower Upper

83 100

85 64.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 28.133 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028254.D

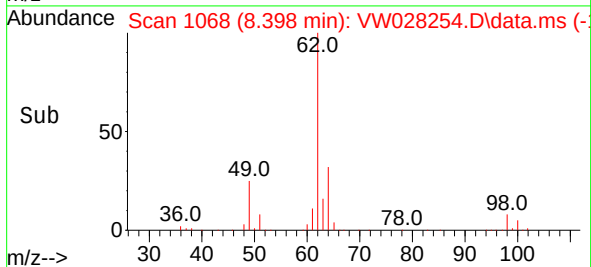
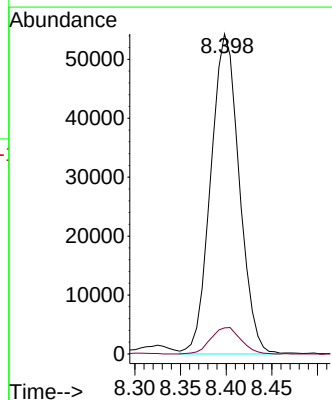
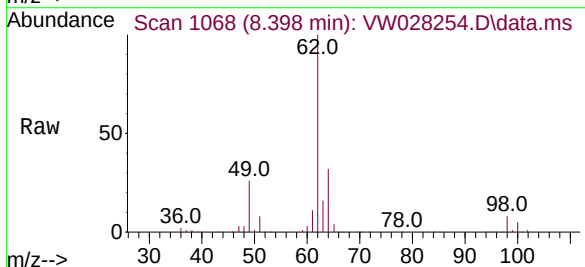
Acq: 27 Mar 2024 16:37

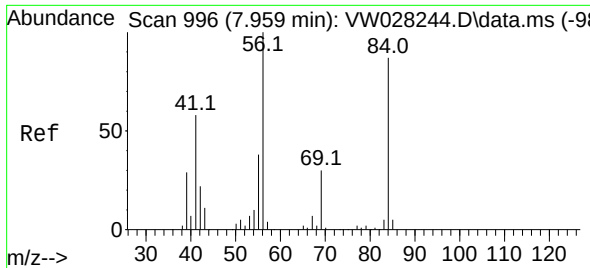
Tgt Ion: 62 Resp: 117794

Ion Ratio Lower Upper

62 100

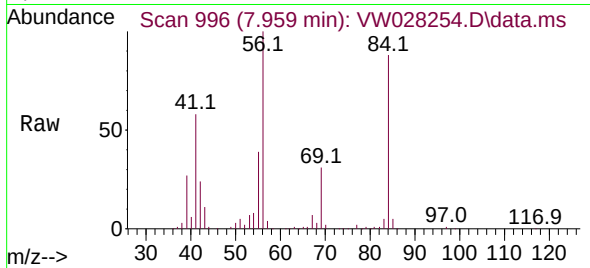
98 8.2 5.9 8.9



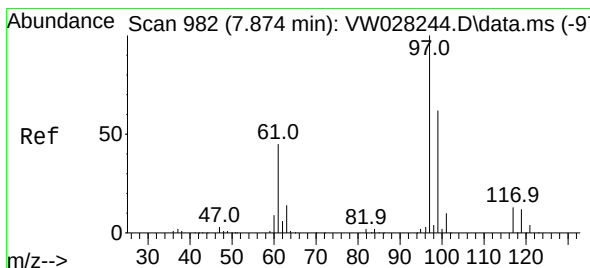
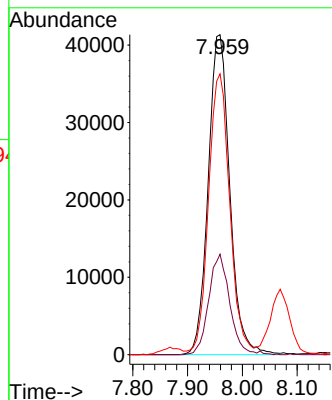
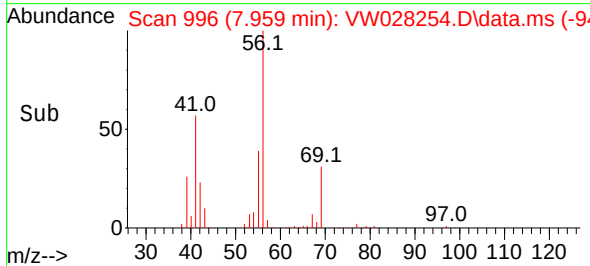


#29
Cyclohexane
Concen: 27.514 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Instrument :
MSVOA_W
ClientSampleId :

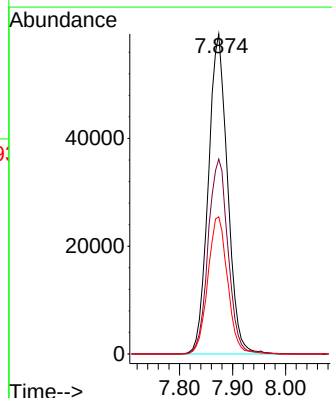
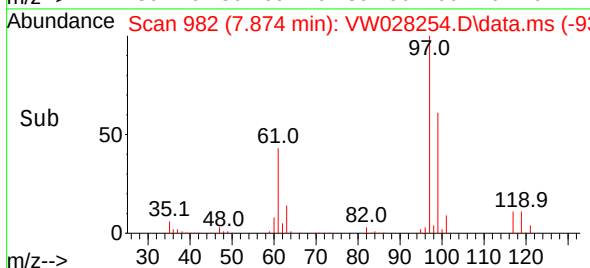
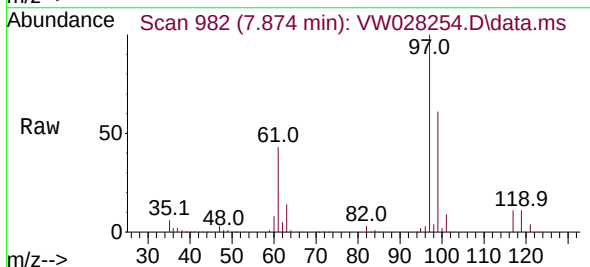


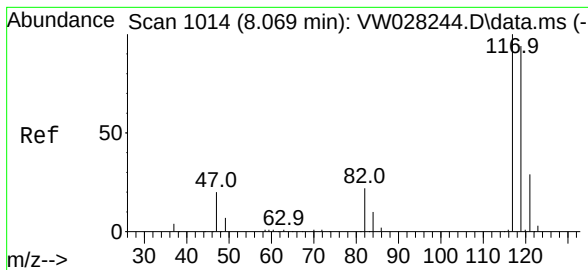
Tgt Ion: 56 Resp: 113068
Ion Ratio Lower Upper
56 100
69 30.3 24.0 36.0
84 86.4 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 36.188 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

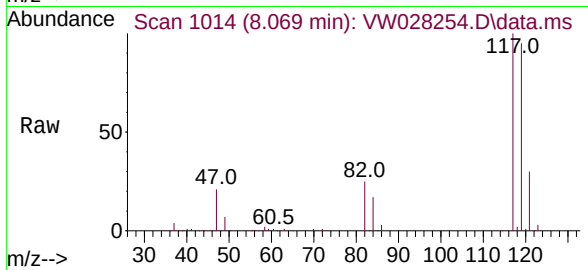
Tgt Ion: 97 Resp: 149456
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 44.0 37.0 55.6



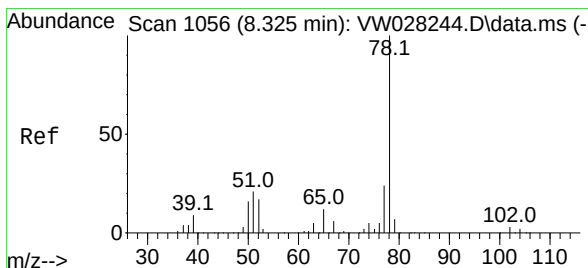
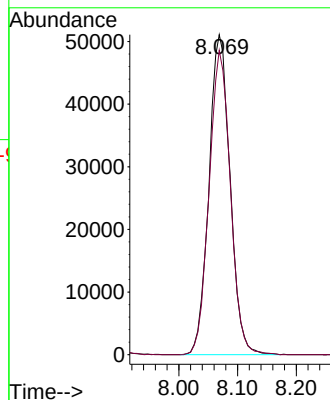
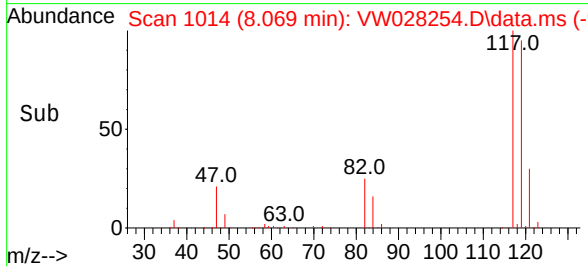


#31
Carbon tetrachloride
Concen: 32.942 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Instrument :
MSVOA_W
ClientSampleId :

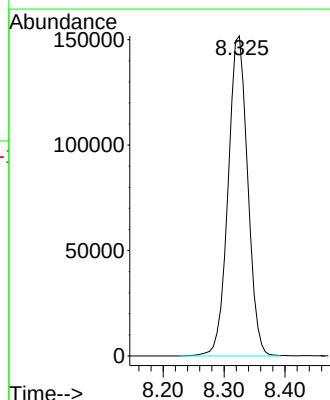
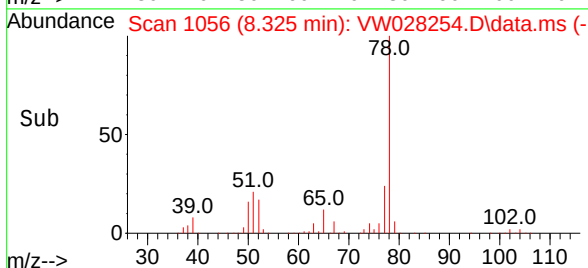
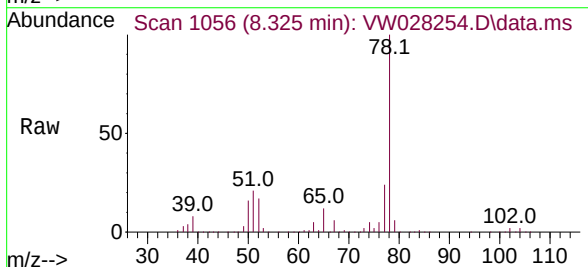


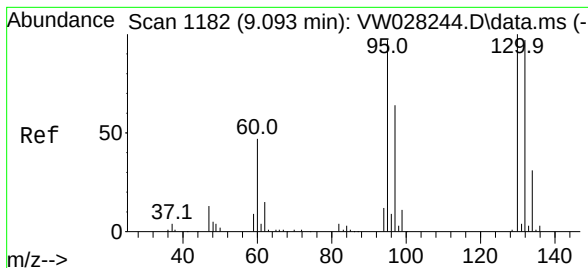
Tgt Ion:117 Resp: 127615
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4



#33
Benzene
Concen: 35.005 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 78 Resp: 339374





#34

Trichloroethene

Concen: 29.163 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

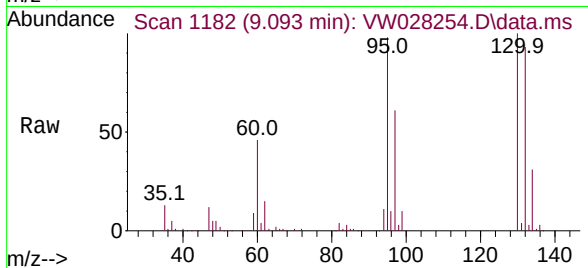
Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 78881

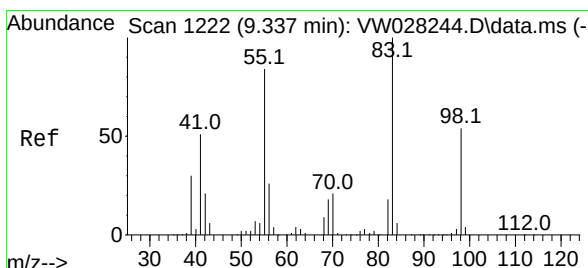
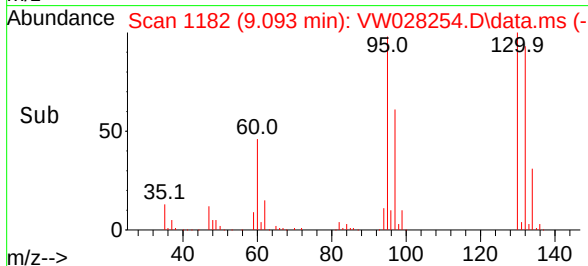
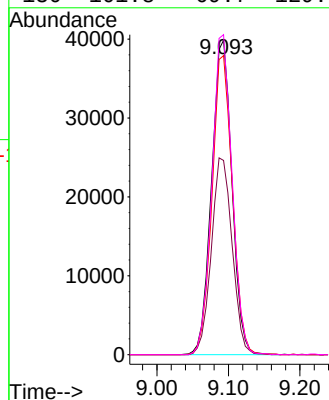
Ion Ratio Lower Upper

95 100

97 61.8 42.4 78.6

132 95.1 69.4 128.8

130 101.8 69.7 129.4



#35

Methylcyclohexane

Concen: 18.642 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

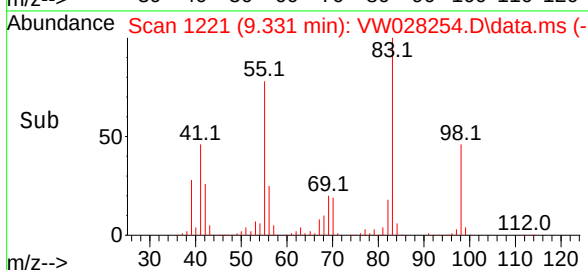
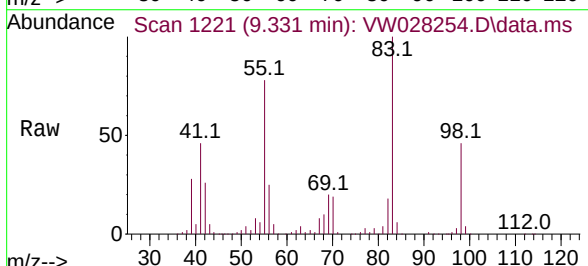
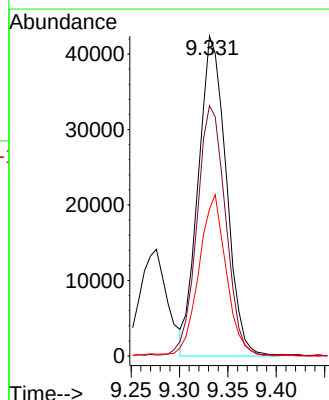
Tgt Ion: 83 Resp: 85233

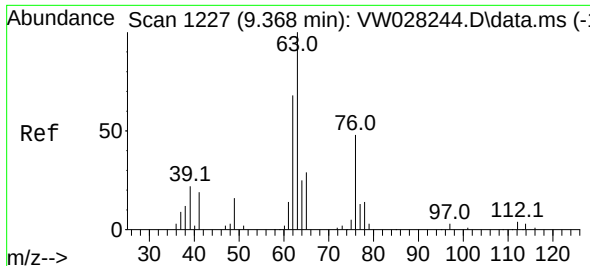
Ion Ratio Lower Upper

83 100

55 80.0 64.2 96.4

98 49.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 37.304 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

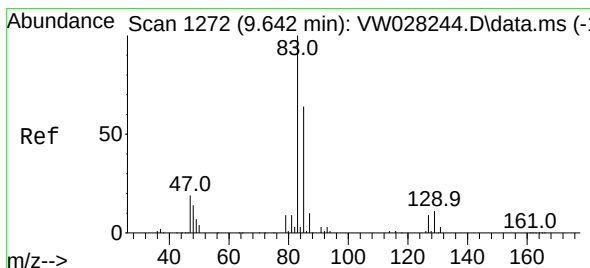
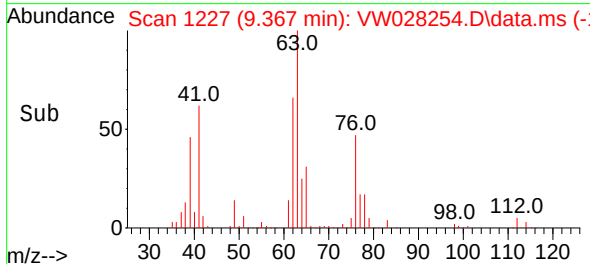
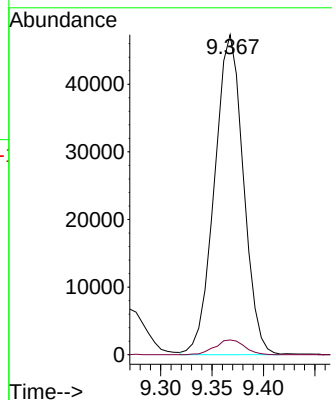
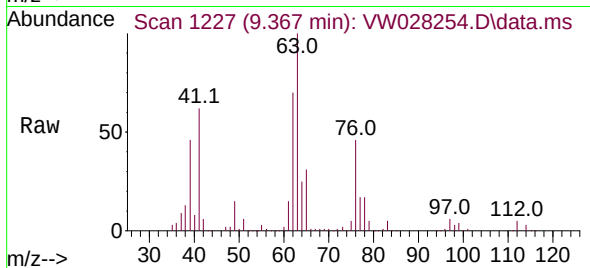
ClientSampleId :

Tgt Ion: 63 Resp: 92507

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 36.301 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

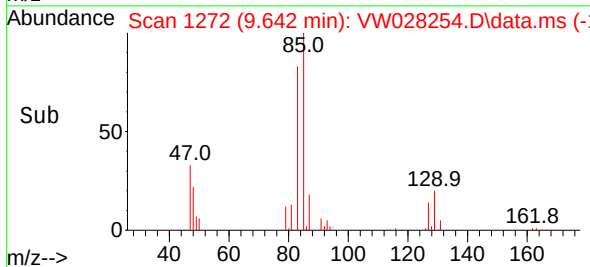
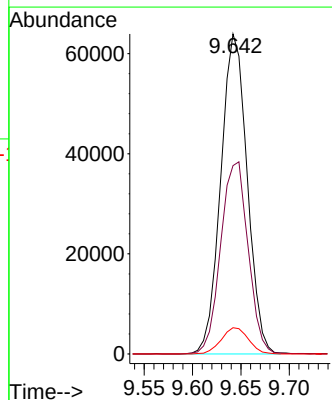
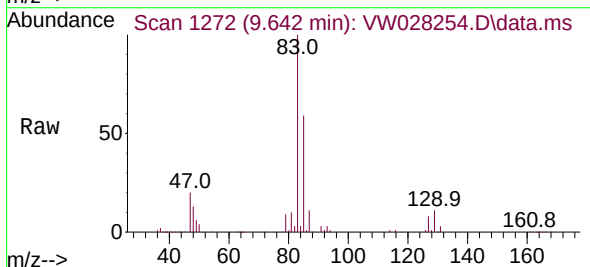
Tgt Ion: 83 Resp: 121368

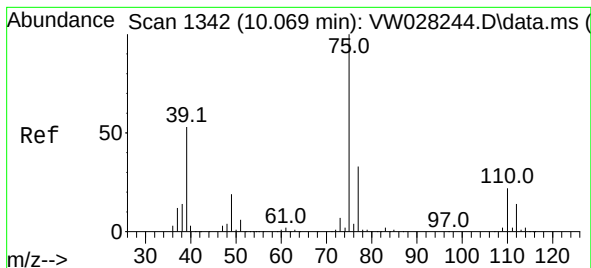
Ion Ratio Lower Upper

83 100

85 58.9 45.8 85.2

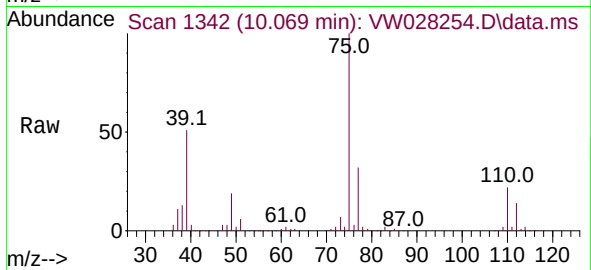
127 8.2 6.5 9.7



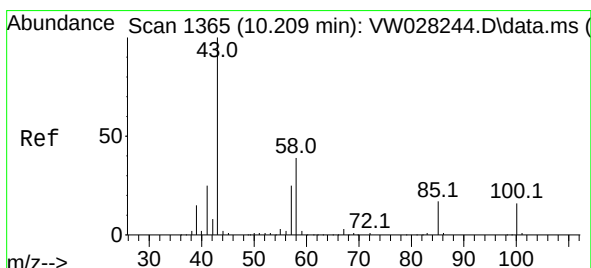
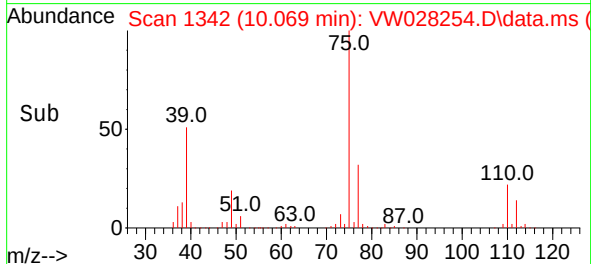
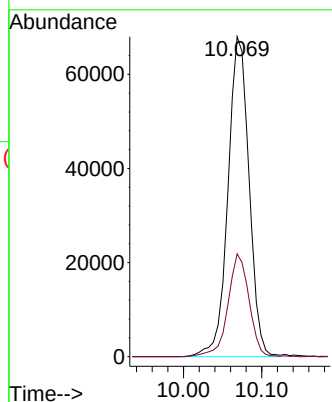


#39
cis-1,3-Dichloropropene
Concen: 31.993 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Instrument :
MSVOA_W
ClientSampleId :

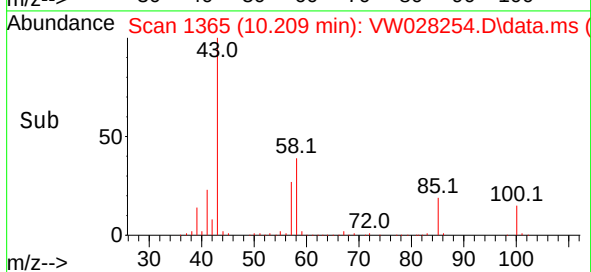
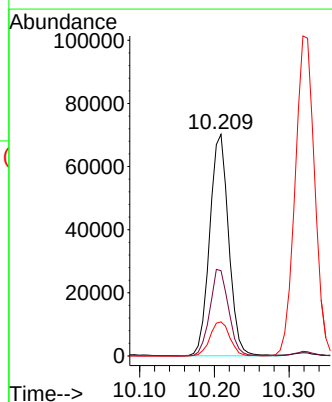
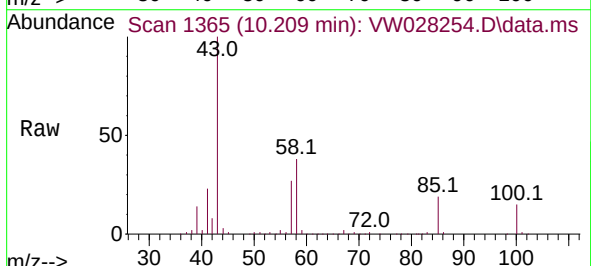


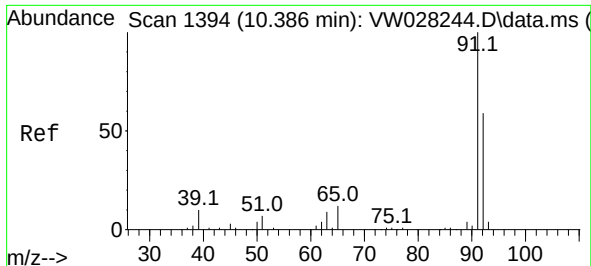
Tgt Ion: 75 Resp: 127055
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 90.187 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 43 Resp: 123448
Ion Ratio Lower Upper
43 100
58 38.9 30.1 45.1
100 16.1 11.8 17.8





#42

Toluene

Concen: 30.947 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

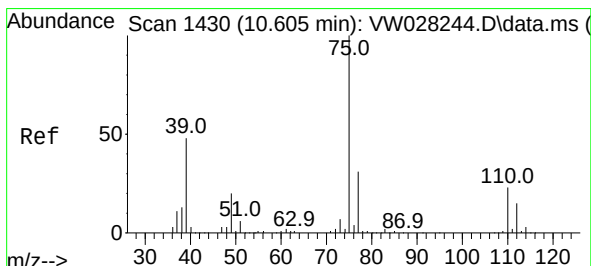
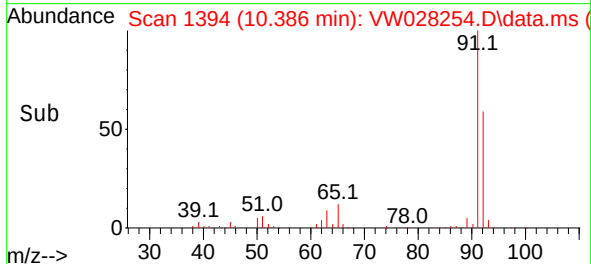
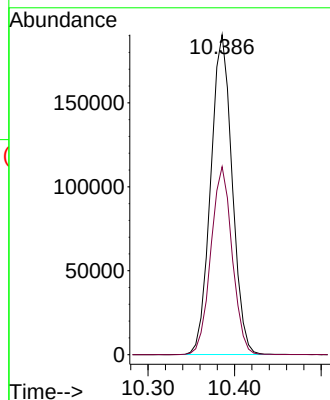
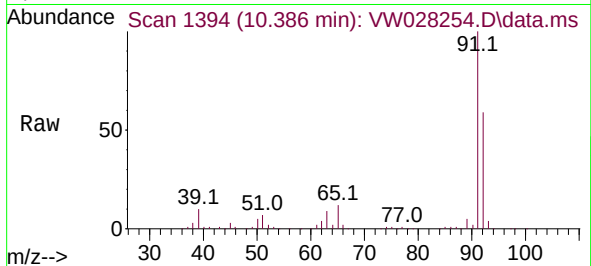
ClientSampleId :

Tgt Ion: 91 Resp: 327448

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 28.951 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028254.D

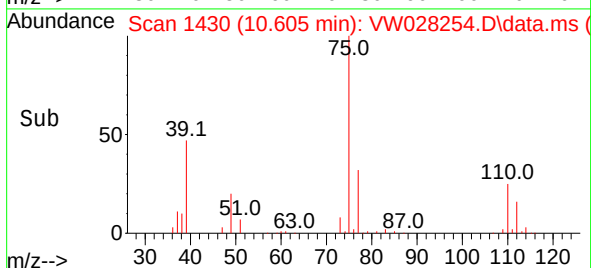
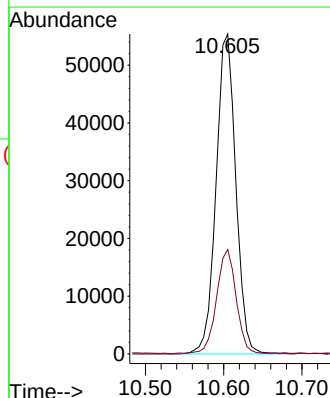
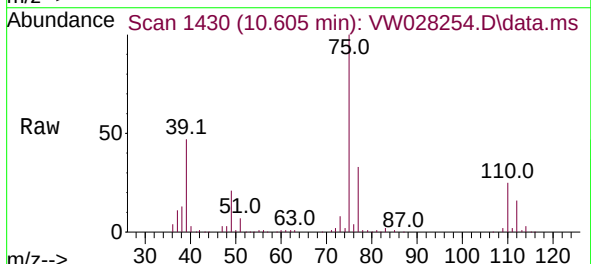
Acq: 27 Mar 2024 16:37

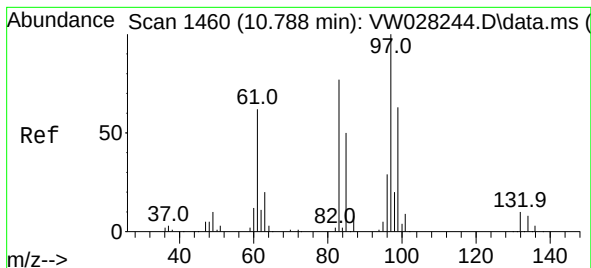
Tgt Ion: 75 Resp: 97071

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 38.534 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

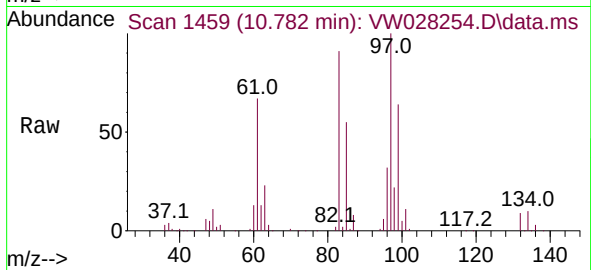
Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 69041

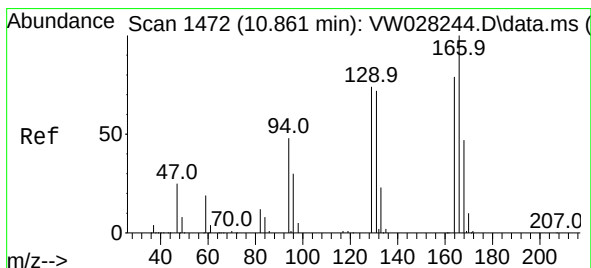
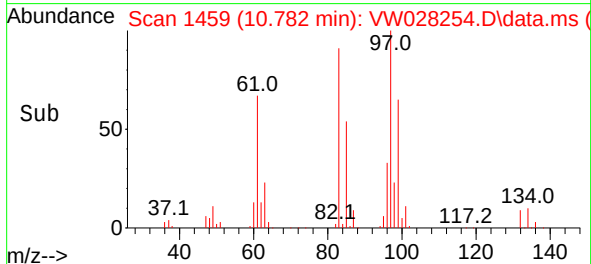
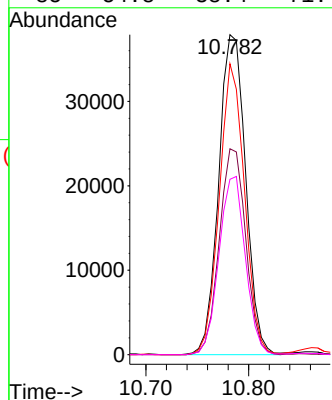
Ion Ratio Lower Upper

97 100

99 64.3 43.4 80.6

83 90.9 59.4 110.4

85 54.8 38.4 71.4



#46

Tetrachloroethene

Concen: 24.842 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Tgt Ion: 164 Resp: 54163

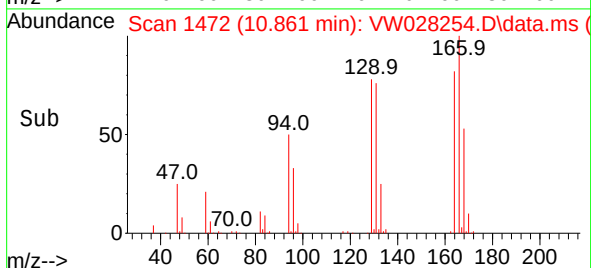
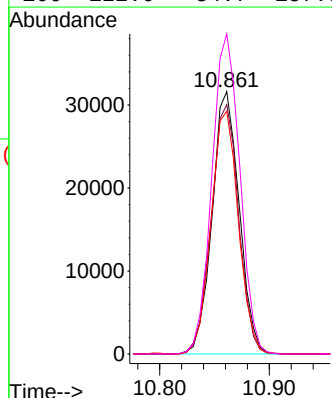
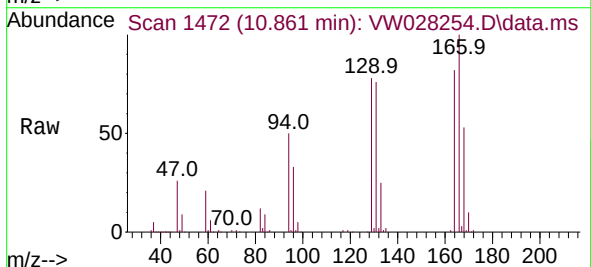
Ion Ratio Lower Upper

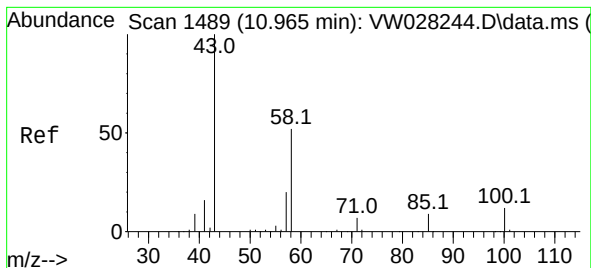
164 100

129 95.0 64.0 119.0

131 92.5 62.6 116.3

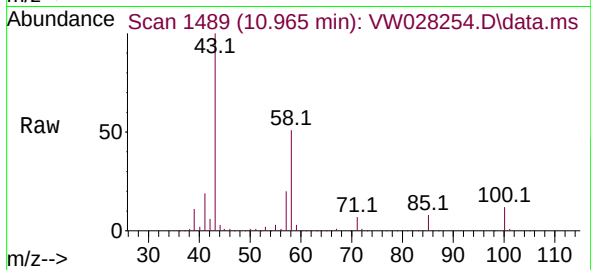
166 122.0 84.7 157.3



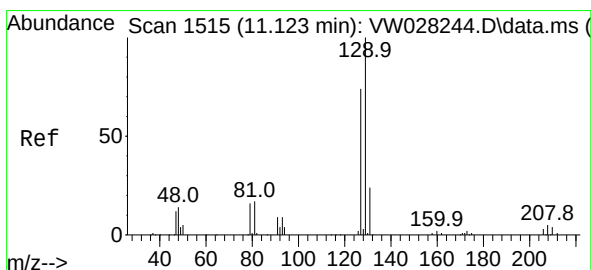
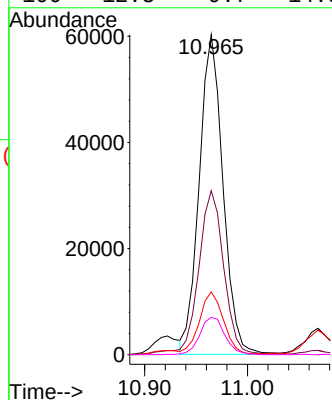
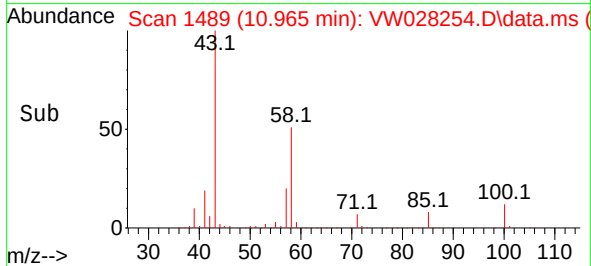


#48
2-Hexanone
Concen: 90.492 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Instrument :
MSVOA_W
ClientSampleId :

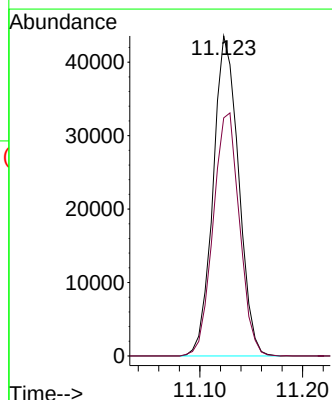
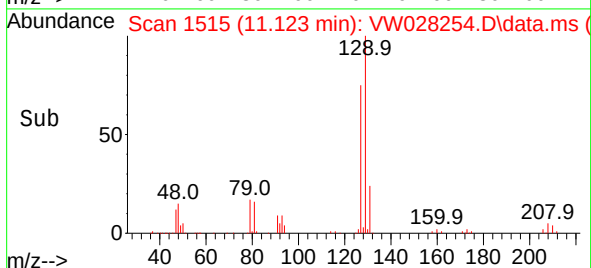
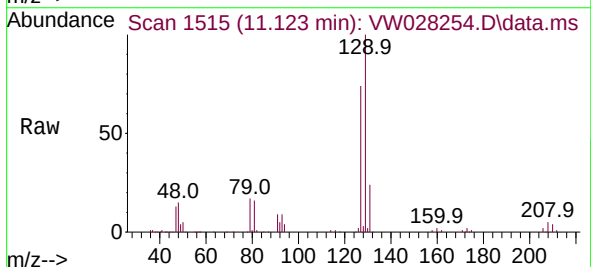


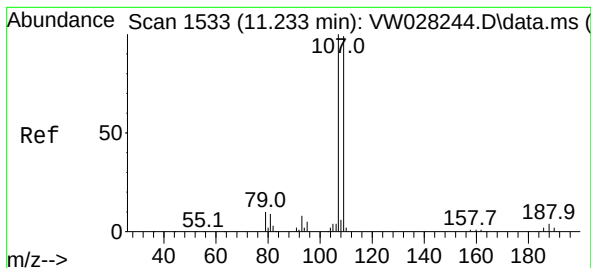
Tgt Ion:	43	Resp:	97029
Ion	Ratio	Lower	Upper
43	100		
58	52.4	40.6	61.0
57	20.1	15.7	23.5
100	12.3	9.7	14.5



#49
Dibromochloromethane
Concen: 35.397 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion:	129	Resp:	75109
Ion	Ratio	Lower	Upper
129	100		
127	74.4	53.1	98.7





#50

1,2-Dibromoethane

Concen: 33.880 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028254.D

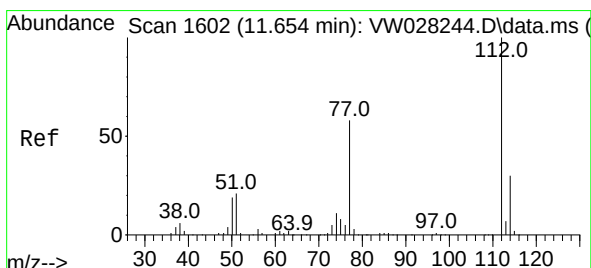
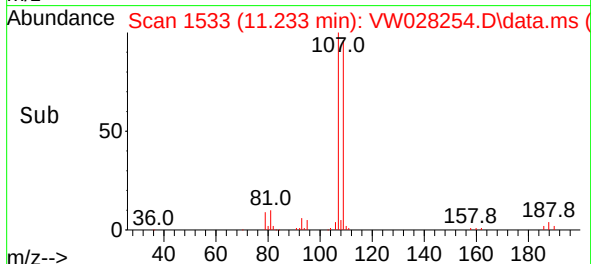
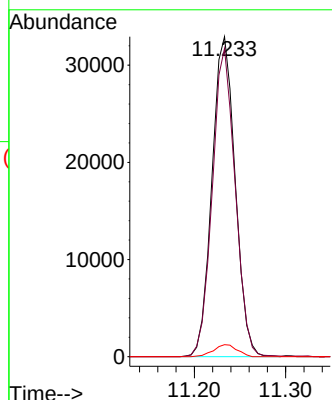
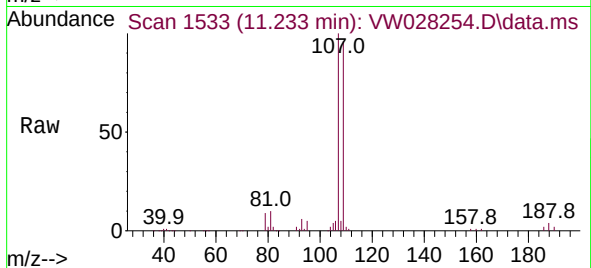
Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	58043
Ion Ratio	Lower	Upper
107	100	
109	96.4	64.4 119.6
188	3.7	3.4 5.2



#51

Chlorobenzene

Concen: 25.591 ug/L

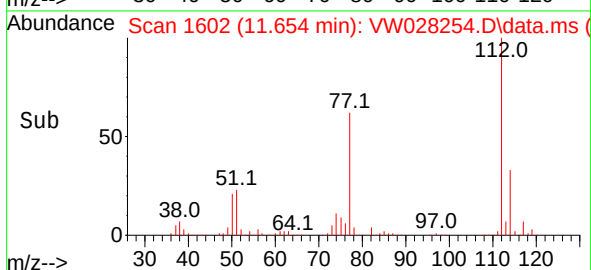
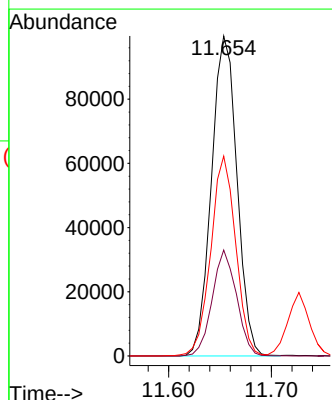
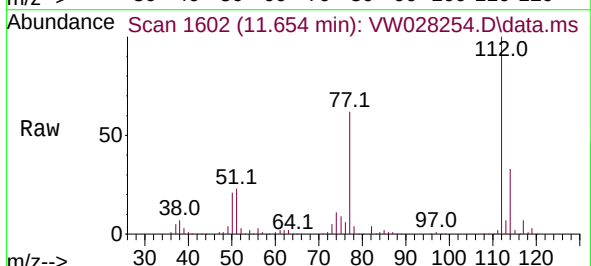
RT: 11.654 min Scan# 1602

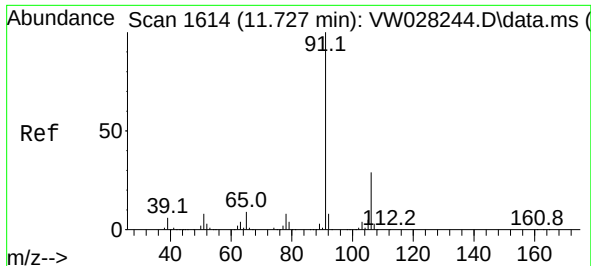
Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Tgt Ion:112	Resp:	171872
Ion Ratio	Lower	Upper
112	100	
114	33.1	21.8 40.6
77	62.4	50.6 76.0





#52

Ethylbenzene

Concen: 26.476 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

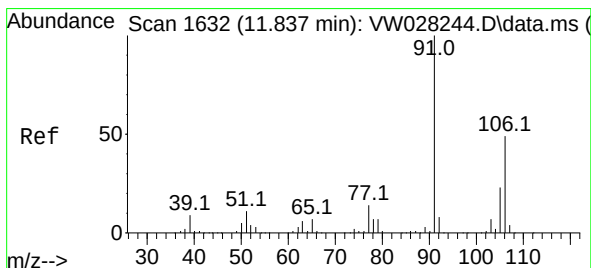
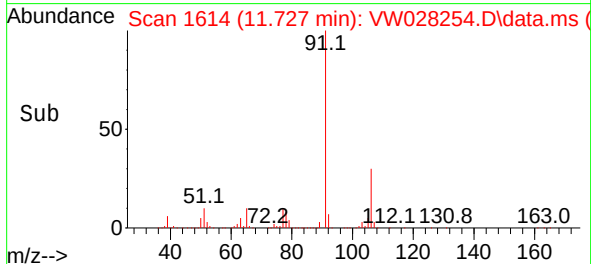
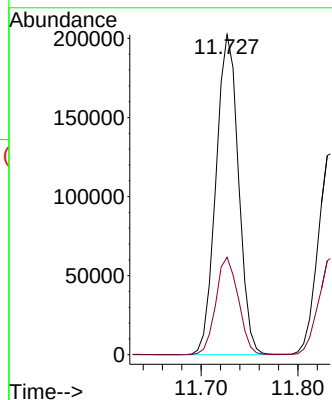
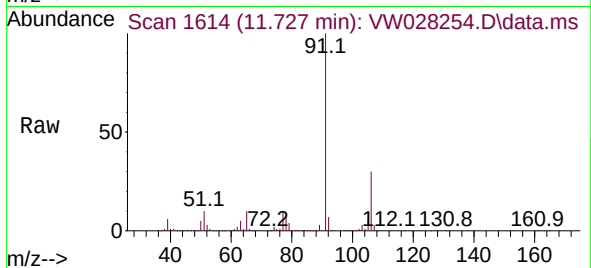
ClientSampleId :

Tgt Ion: 91 Resp: 327033

Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.5



#53

m,p-Xylene

Concen: 25.353 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028254.D

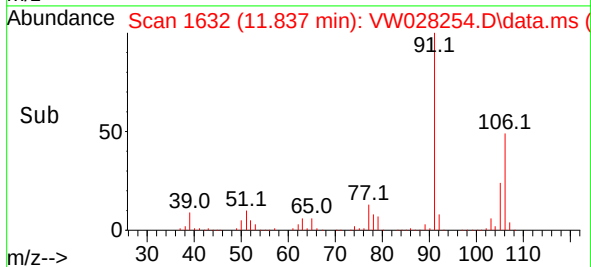
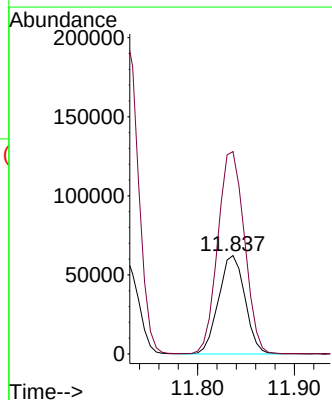
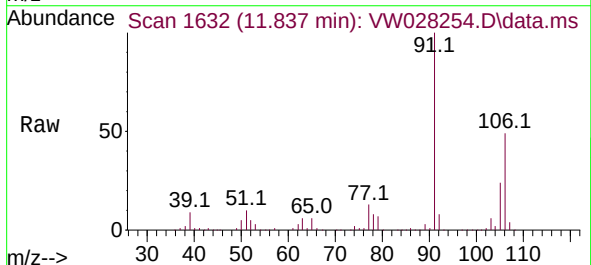
Acq: 27 Mar 2024 16:37

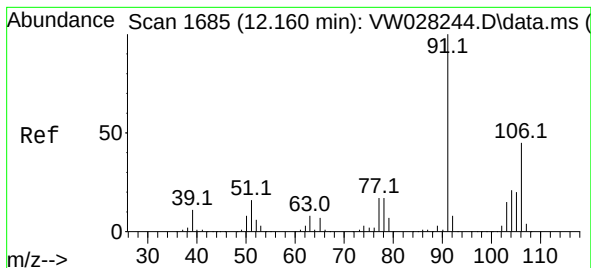
Tgt Ion:106 Resp: 117845

Ion Ratio Lower Upper

106 100

91 205.7 147.1 273.1





#54

o-Xylene

Concen: 27.943 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

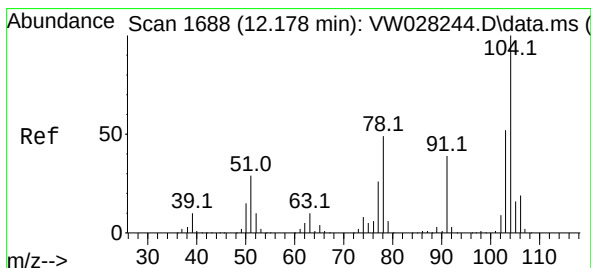
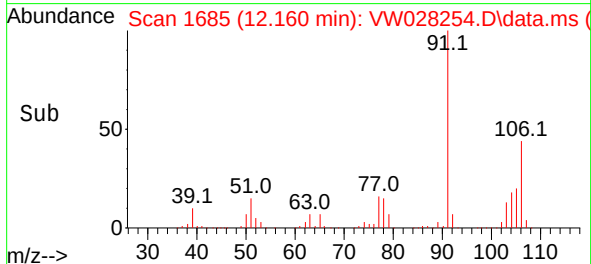
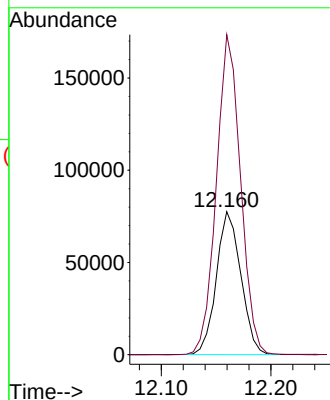
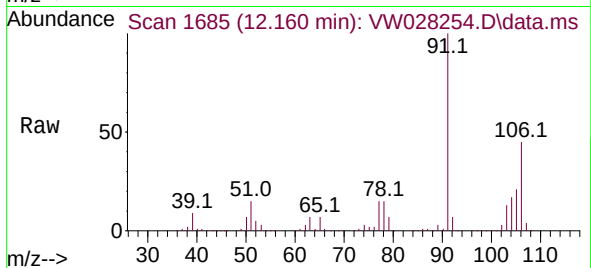
ClientSampleId :

Tgt Ion:106 Resp: 120446

Ion Ratio Lower Upper

106 100

91 223.7 149.2 277.2



#55

Styrene

Concen: 22.439 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028254.D

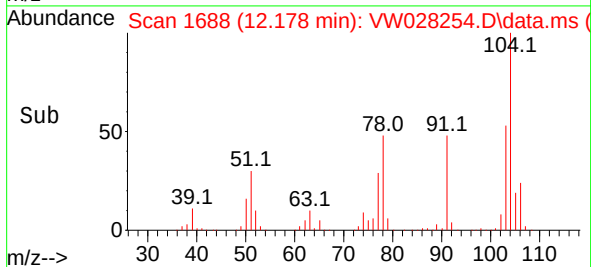
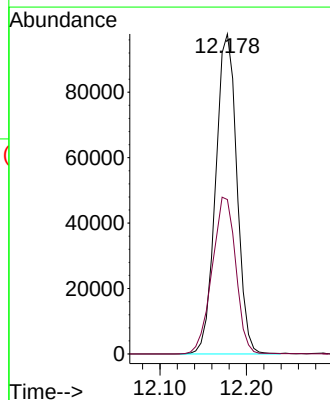
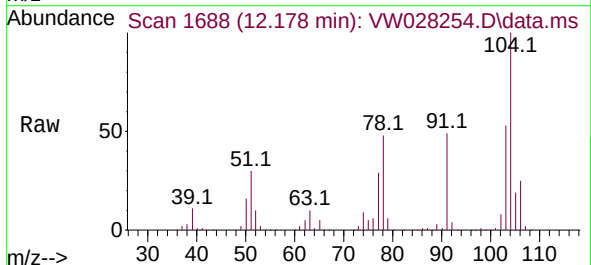
Acq: 27 Mar 2024 16:37

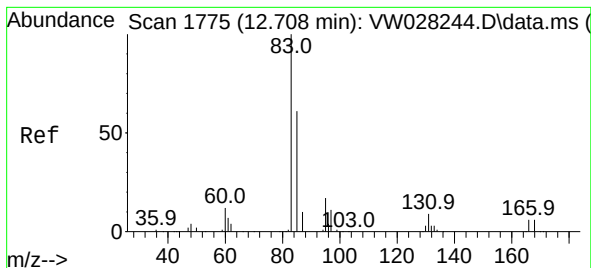
Tgt Ion:104 Resp: 166140

Ion Ratio Lower Upper

104 100

78 48.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 36.233 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

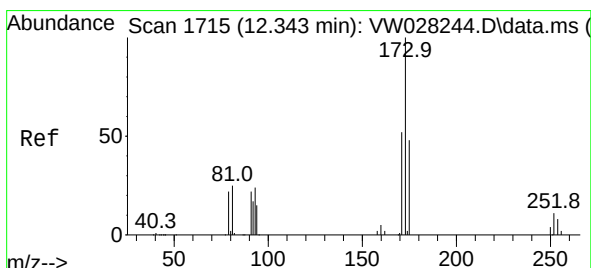
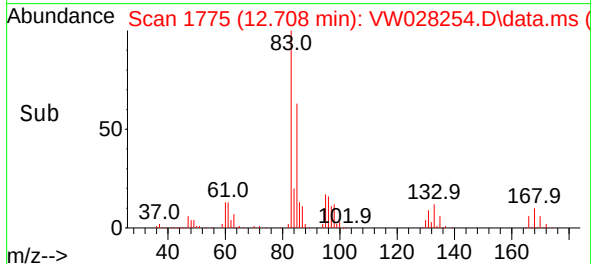
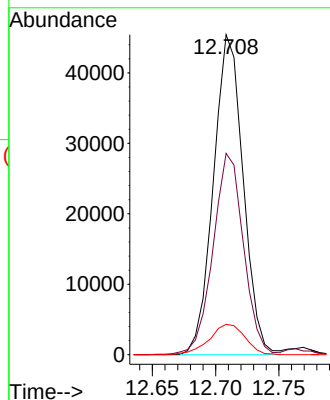
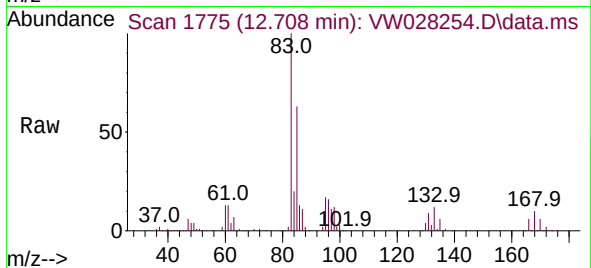
Tgt Ion: 83 Resp: 74253

Ion Ratio Lower Upper

83 100

85 62.9 47.0 87.2

131 9.5 8.9 13.3



#59

Bromoform

Concen: 62.029 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

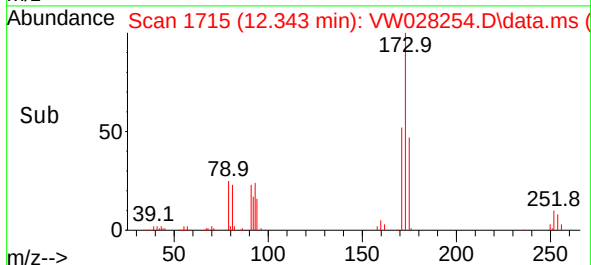
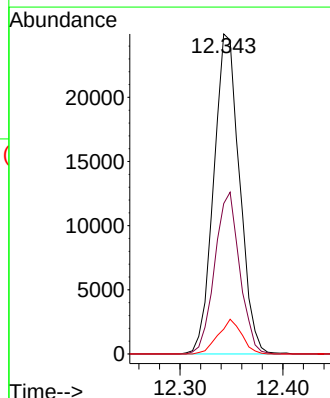
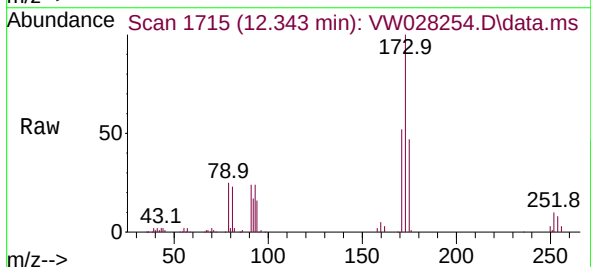
Tgt Ion:173 Resp: 43447

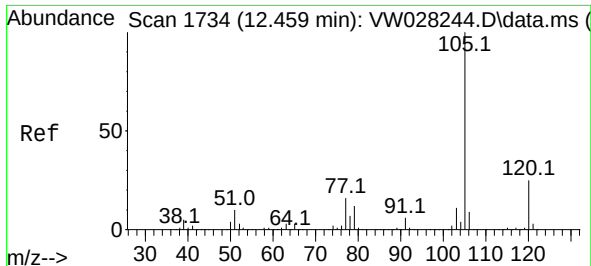
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.6

254 9.9 8.5 12.7

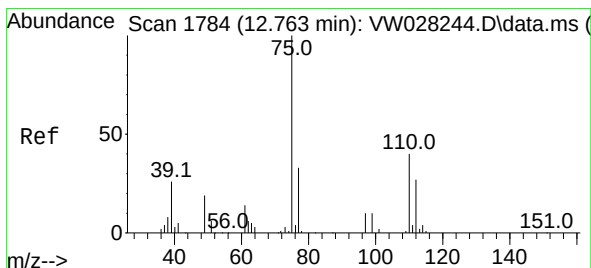
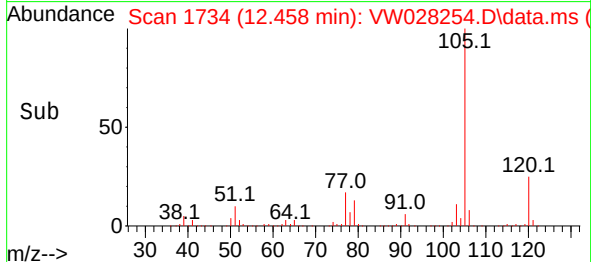
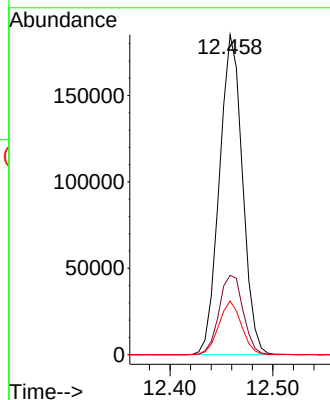
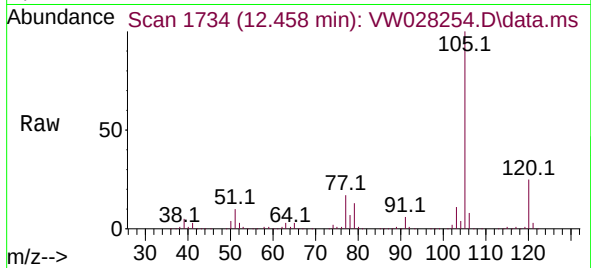




#60
Isopropylbenzene
Concen: 41.614 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

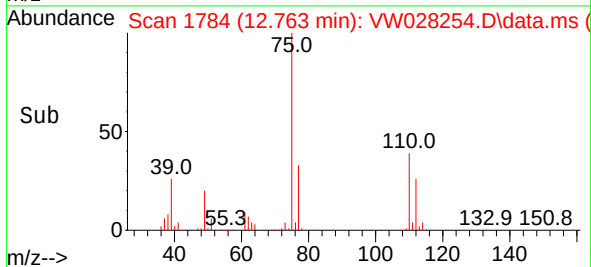
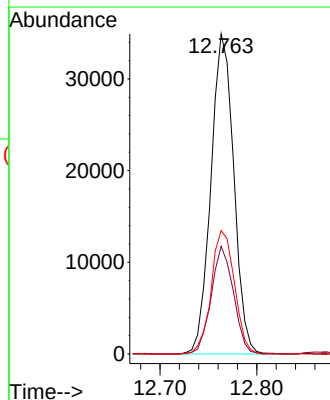
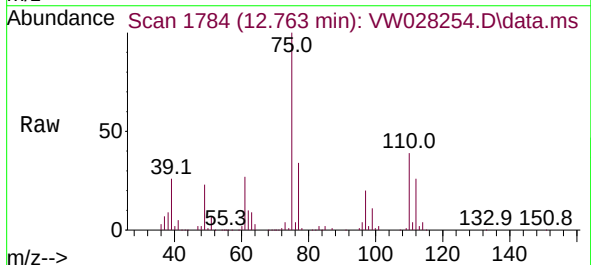
Instrument :
MSVOA_W
ClientSampleId :

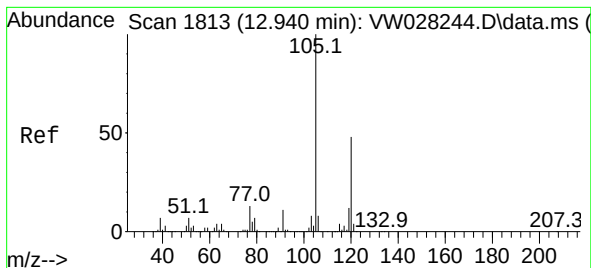
Tgt Ion:105 Resp: 289005
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.4 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 64.288 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 75 Resp: 57351
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 39.2 32.2 48.2

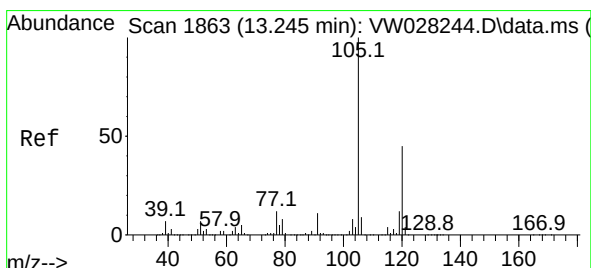
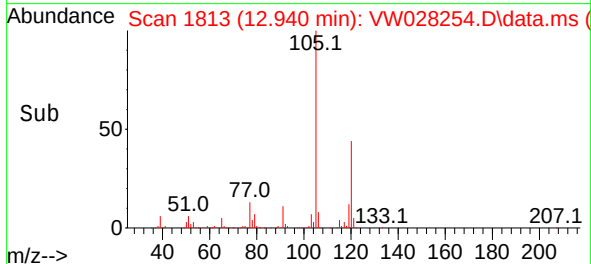
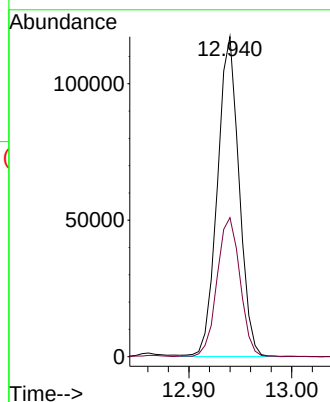
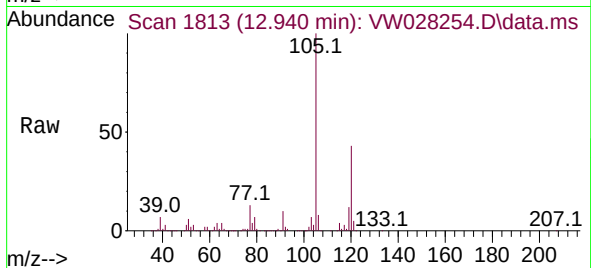




#62
1,3,5-Trimethylbenzene
Concen: 36.857 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

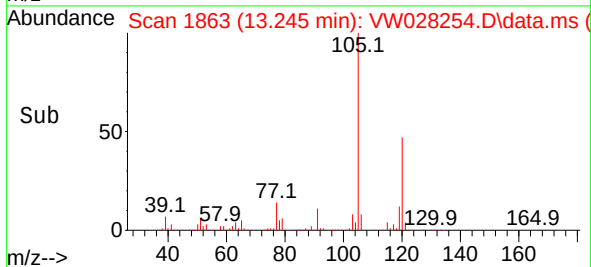
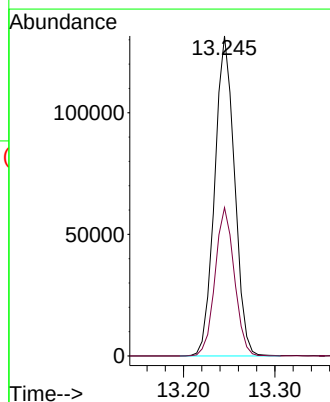
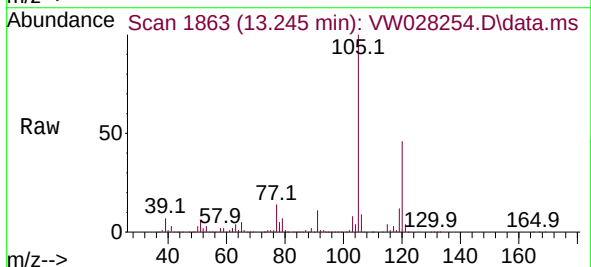
Instrument :
MSVOA_W
ClientSampleId :

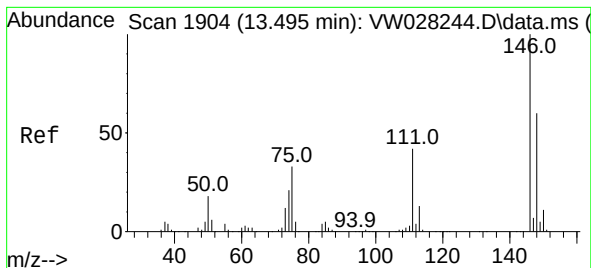
Tgt Ion:105 Resp: 171749
Ion Ratio Lower Upper
105 100
120 45.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 35.333 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion:105 Resp: 198811
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 26.765 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

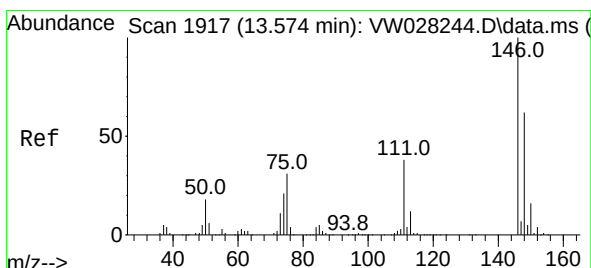
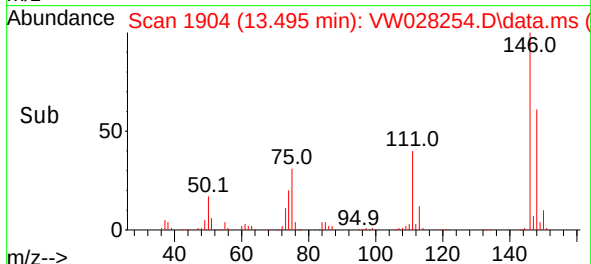
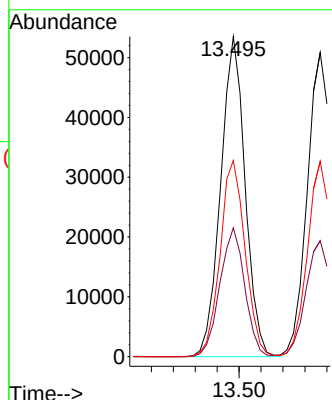
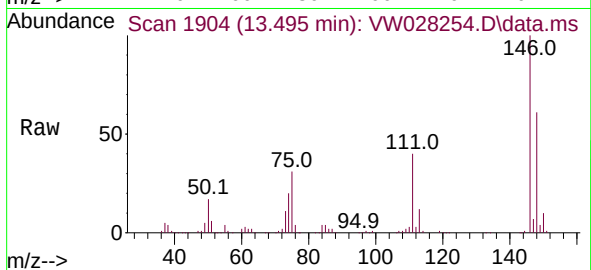
Tgt Ion:146 Resp: 82926

Ion Ratio Lower Upper

146 100

111 40.3 28.5 52.9

148 61.3 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 25.711 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

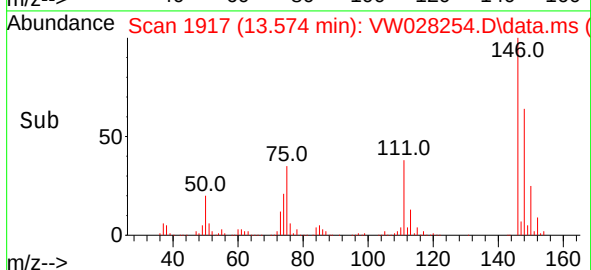
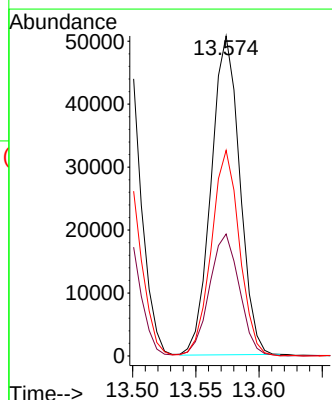
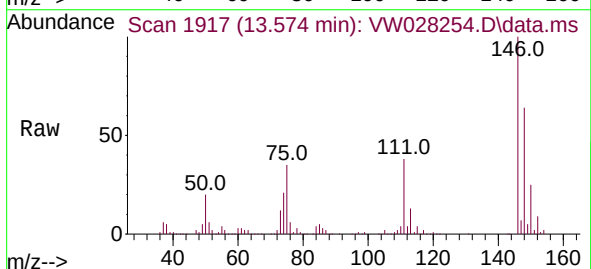
Tgt Ion:146 Resp: 79657

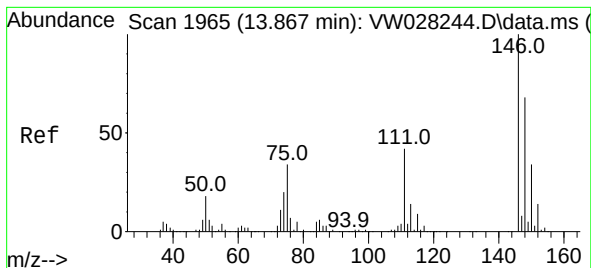
Ion Ratio Lower Upper

146 100

111 38.1 28.8 53.6

148 64.3 45.3 84.1

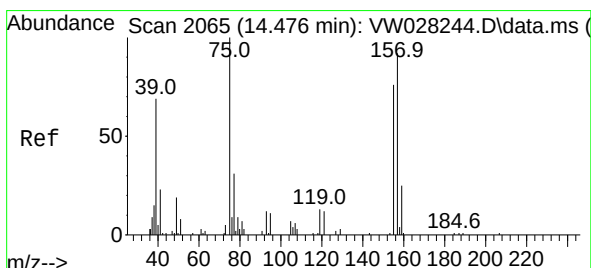
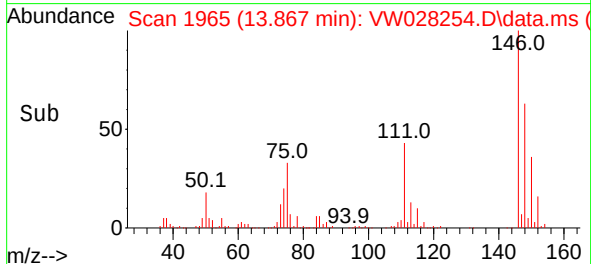
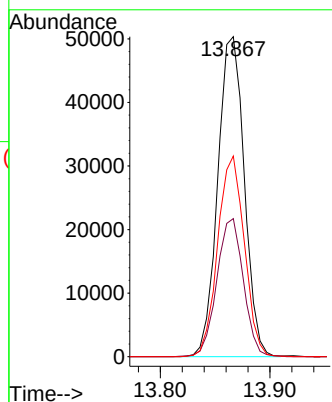
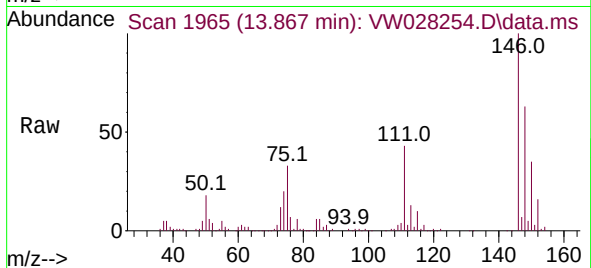




#67
1,2-Dichlorobenzene
Concen: 31.746 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

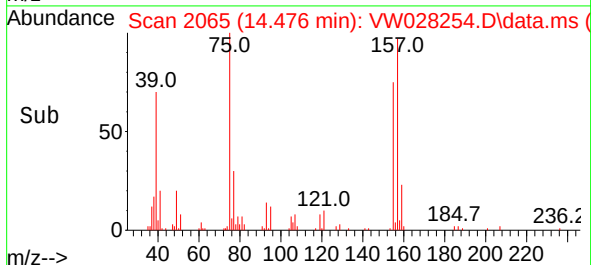
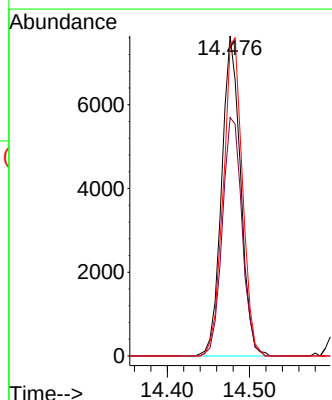
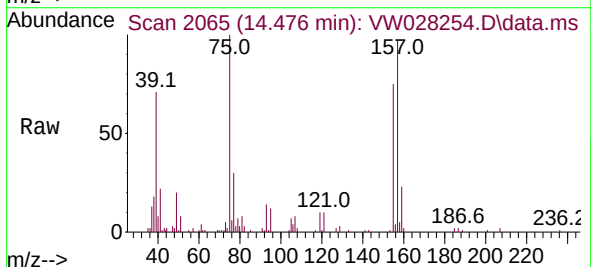
Instrument :
MSVOA_W
ClientSampleId :

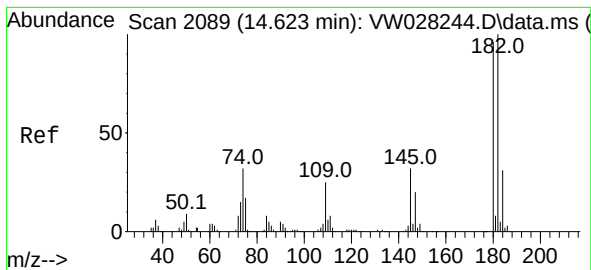
Tgt Ion:146 Resp: 84704
Ion Ratio Lower Upper
146 100
111 43.2 34.2 51.2
148 62.7 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 58.365 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028254.D
Acq: 27 Mar 2024 16:37

Tgt Ion: 75 Resp: 12231
Ion Ratio Lower Upper
75 100
155 74.5 61.1 91.7
157 97.1 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 16.843 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

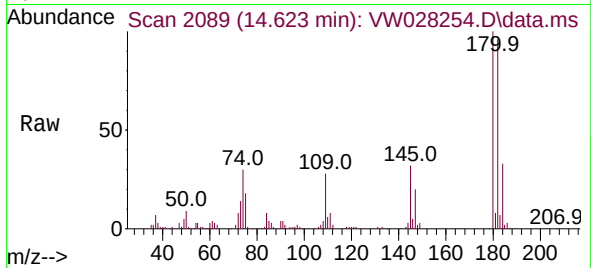
Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 36350

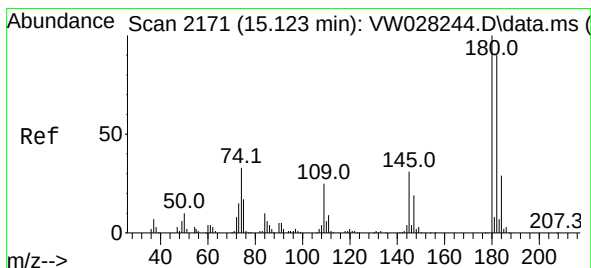
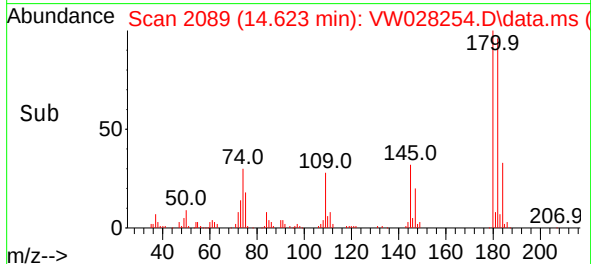
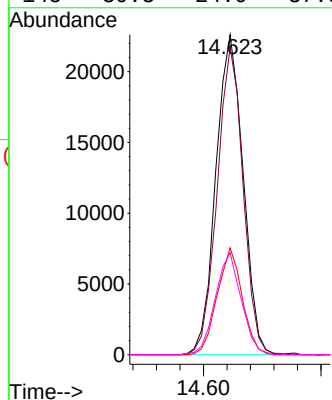
Ion Ratio Lower Upper

180 100

182 91.4 76.6 114.8

184 30.6 23.5 35.3

145 30.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 12.953 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

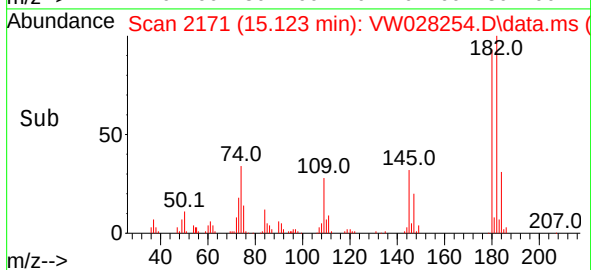
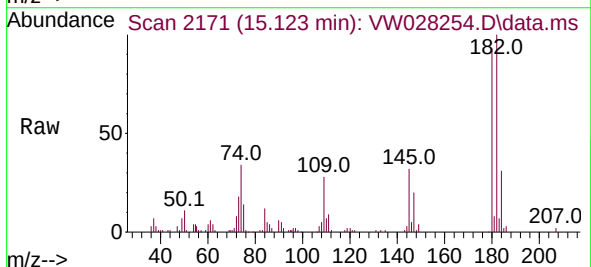
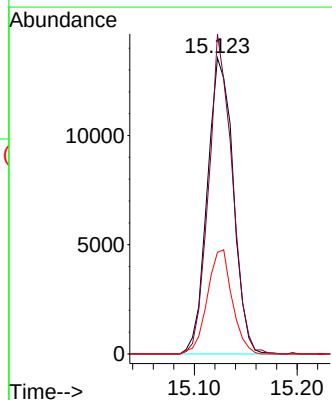
Tgt Ion:180 Resp: 23749

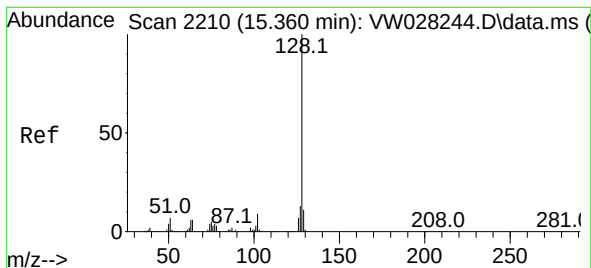
Ion Ratio Lower Upper

180 100

182 98.0 73.8 110.8

145 33.6 25.0 37.6





#71

Naphthalene

Concen: 22.383 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Instrument :

MSVOA_W

ClientSampleId :

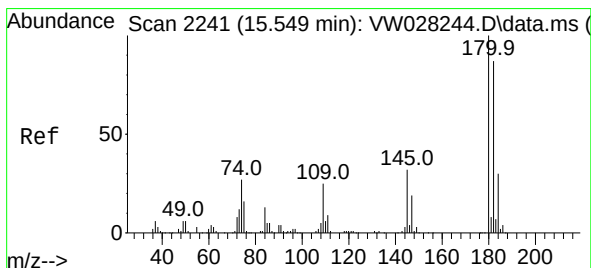
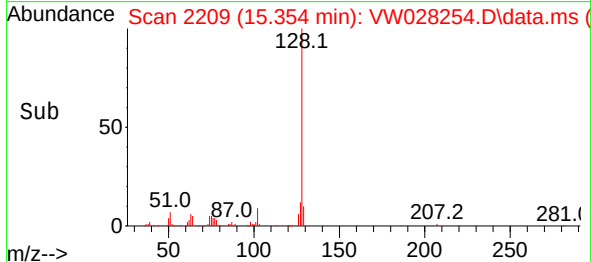
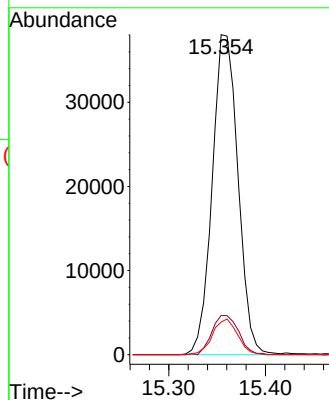
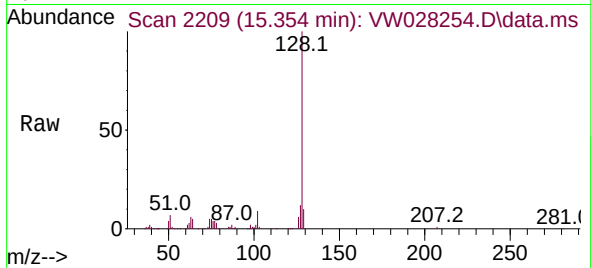
Tgt Ion:128 Resp: 70437

Ion Ratio Lower Upper

128 100

127 12.7 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 14.502 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028254.D

Acq: 27 Mar 2024 16:37

Tgt Ion:180 Resp: 21919

Ion Ratio Lower Upper

180 100

182 90.6 76.0 114.0

145 33.0 27.1 40.7

