

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028310.D
 Acq On : 04 Apr 2024 13:29
 Operator : SY/MD
 Sample : P1988-06MSD
 Misc : 3.53g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 01:01:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	82454	17.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
7) Chloroethane-d5	2.905	69	63487	18.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	4.027	65	51283	16.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.280%
21) 2-Butanone-d5	7.081	46	53426	37.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.360%
24) Chloroform-d	7.654	84	235230	19.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.640%
26) 1,2-Dichloroethane-d4	8.307	65	113963	17.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.280%#
32) Benzene-d6	8.276	84	460135	20.729	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.920%
36) 1,2-Dichloropropane-d6	9.276	67	136132	21.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.240%
41) Toluene-d8	10.319	98	408474	19.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	10.575	79	54527	18.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.160%
47) 2-Hexanone-d5	10.922	63	43011	40.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96299	20.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	134771	20.254	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78403	13.153	ug/L	95
3) Chloromethane	2.229	50	78678	18.609	ug/L	100
5) Vinyl chloride	2.381	62	92886	19.436	ug/L	98
6) Bromomethane	2.796	94	55915	19.646	ug/L	94
8) Chloroethane	2.942	64	53155	20.693	ug/L	97
9) Trichlorofluoromethane	3.271	101	117408	20.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	110906	19.321	ug/L	95
12) 1,1-Dichloroethene	4.051	96	103129	19.435	ug/L	87
13) Acetone	4.137	43	49429	31.393	ug/L	98
14) Carbon disulfide	4.399	76	285267	17.236	ug/L	99
15) Methyl Acetate	4.679	43	40576	16.731	ug/L	98
16) Methylene chloride	4.923	84	108372	17.328	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	109924	19.493	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	158719	18.655	ug/L	98
19) 1,1-Dichloroethane	6.222	63	219852	20.138	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	121907	20.016	ug/L	99
22) 2-Butanone	7.179	43	60168	33.657	ug/L	97
23) Bromochloromethane	7.520	128	48554	18.033	ug/L	89
25) Chloroform	7.679	83	222459	19.793	ug/L	96

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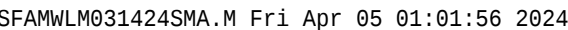
Instrument :
 MSVOA_W
 ClientSampleId :

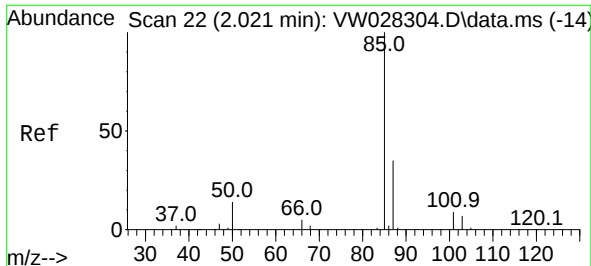
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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132208	16.657	ug/L	97
29) Cyclohexane	7.959	56	188231	19.849	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	188295	19.757	ug/L	99
31) Carbon tetrachloride	8.075	117	168754	18.877	ug/L	99
33) Benzene	8.325	78	459997	20.560	ug/L	100
34) Trichloroethene	9.093	95	125964	20.180	ug/L	91
35) Methylcyclohexane	9.337	83	195845	18.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	120710	21.094	ug/L	99
38) Bromodichloromethane	9.642	83	153126	19.847	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	188203	20.536	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	118342	37.465	ug/L	99
42) Toluene	10.386	91	501555	20.541	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	151089	19.527	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	81165	19.631	ug/L	99
46) Tetrachloroethene	10.861	164	95710	19.022	ug/L	97
48) 2-Hexanone	10.965	43	92331	37.315	ug/L	96
49) Dibromochloromethane	11.129	129	95297	19.461	ug/L	95
50) 1,2-Dibromoethane	11.233	107	71702	18.137	ug/L	92
51) Chlorobenzene	11.654	112	311212	20.080	ug/L	97
52) Ethylbenzene	11.727	91	579546	20.332	ug/L	99
53) m,p-Xylene	11.837	106	214600	20.007	ug/L	99
54) o-Xylene	12.160	106	205580	20.667	ug/L	92
55) Styrene	12.178	104	349860	20.476	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	88991	18.817	ug/L	97
59) Bromoform	12.343	173	53485	19.541	ug/L	92
60) Isopropylbenzene	12.458	105	594403	21.903	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	64679	18.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	393243	21.596	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	468845	21.323	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	248862	20.555	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	249374	20.598	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	213163	20.445	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14094	17.211	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	164958	19.560	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	130867	18.266	ug/L	95
71) Naphthalene	15.360	128	236239	19.211	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116020	19.644	ug/L	97

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

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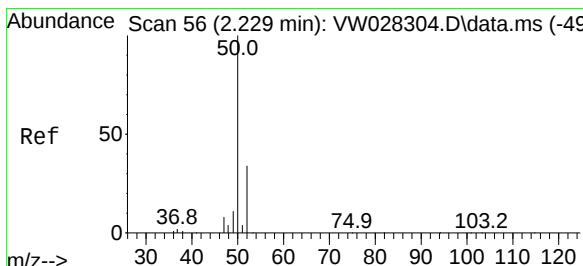
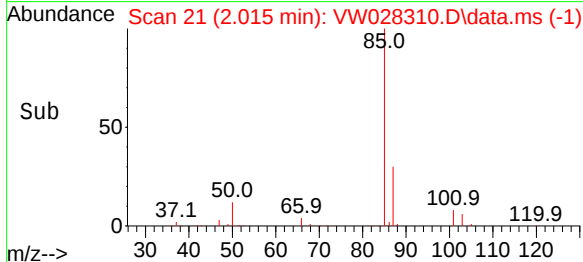
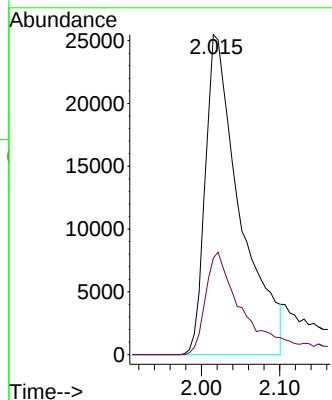
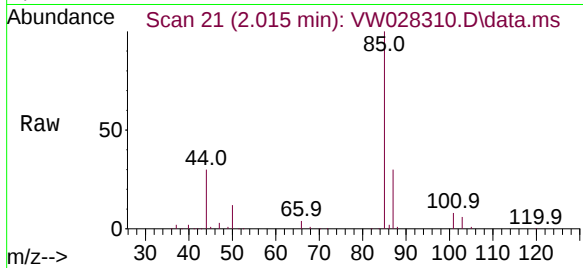




#2
Dichlorodifluoromethane
Concen: 13.153 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

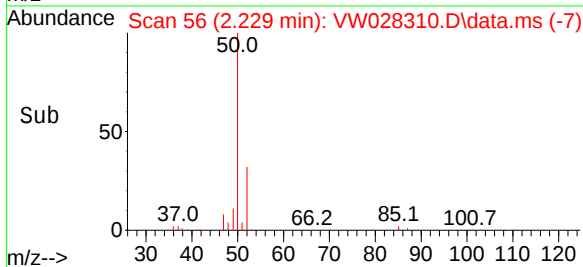
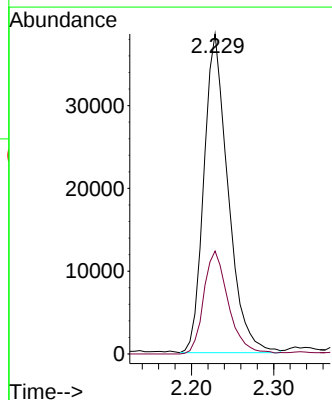
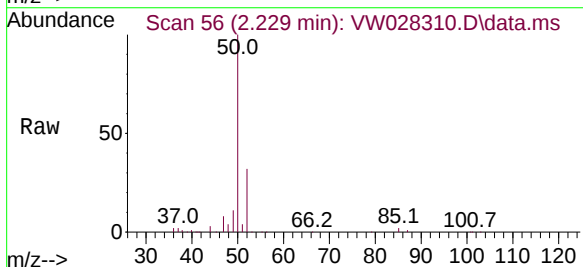
Instrument :
MSVOA_W
ClientSampleId :

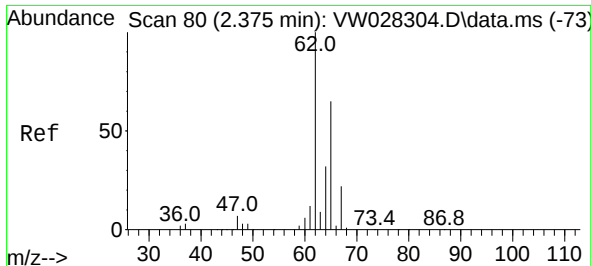
Tgt Ion: 85 Resp: 78403
Ion Ratio Lower Upper
85 100
87 28.5 20.9 31.3



#3
Chloromethane
Concen: 18.609 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 50 Resp: 78678
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.1

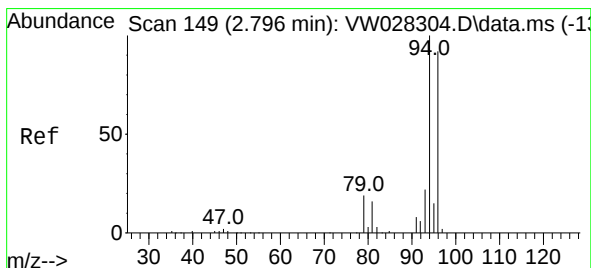
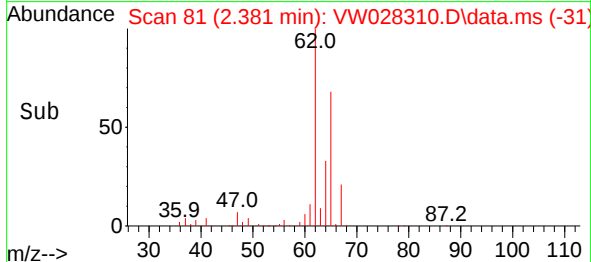
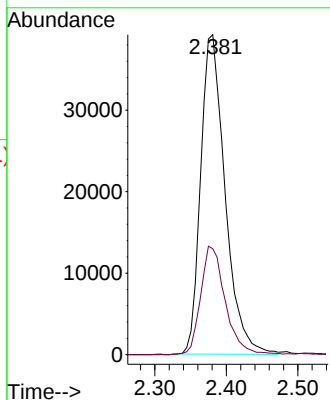
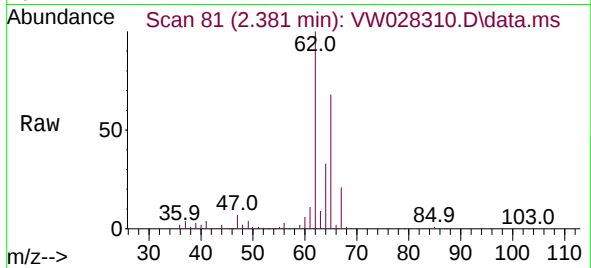




#5
 Vinyl chloride
 Concen: 19.436 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028310.D
 Acq: 04 Apr 2024 13:29

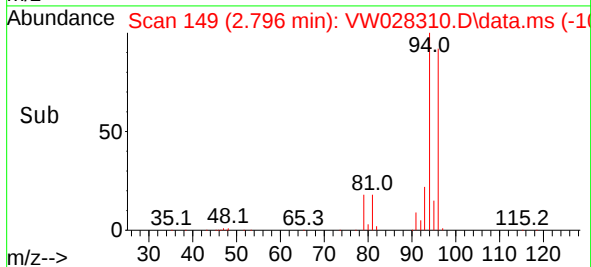
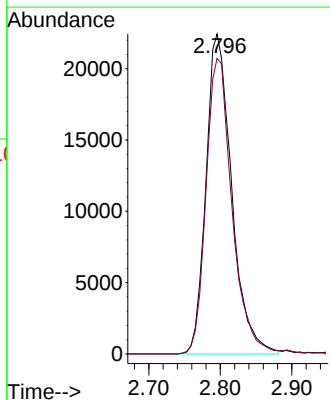
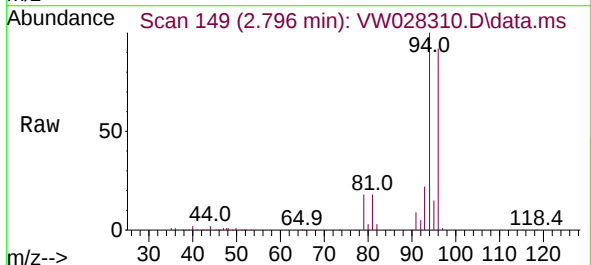
Instrument :
 MSVOA_W
 ClientSampleId :

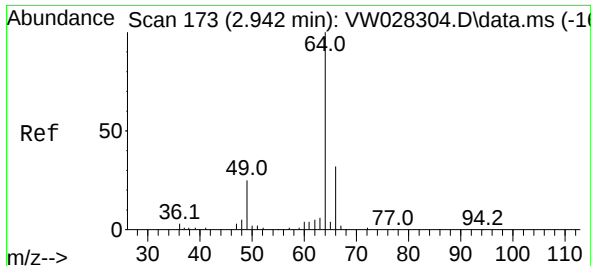
Tgt Ion: 62 Resp: 92886
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.7



#6
 Bromomethane
 Concen: 19.646 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW028310.D
 Acq: 04 Apr 2024 13:29

Tgt Ion: 94 Resp: 55915
 Ion Ratio Lower Upper
 94 100
 96 92.4 60.8 113.0

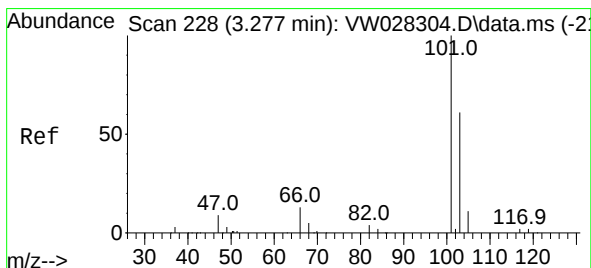
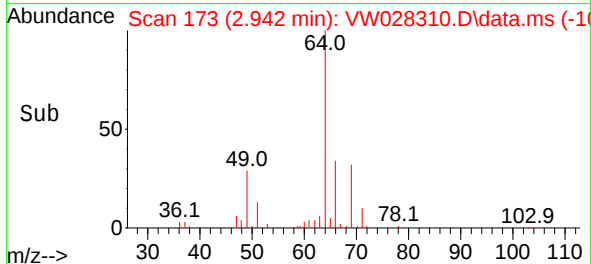
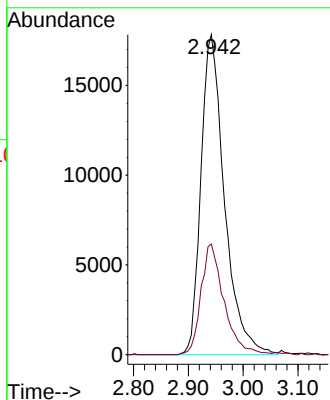
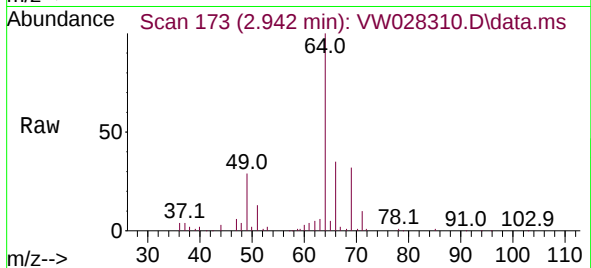




#8
Chloroethane
Concen: 20.693 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

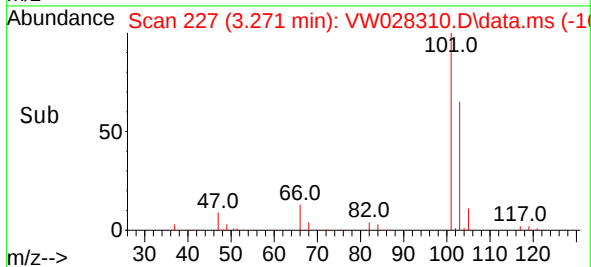
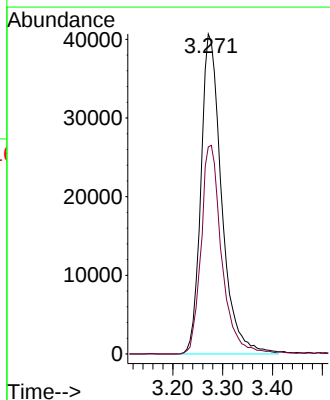
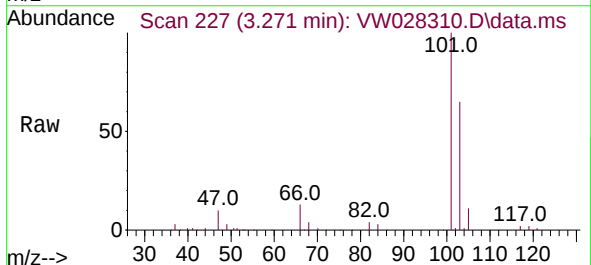
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ClientSampleId :

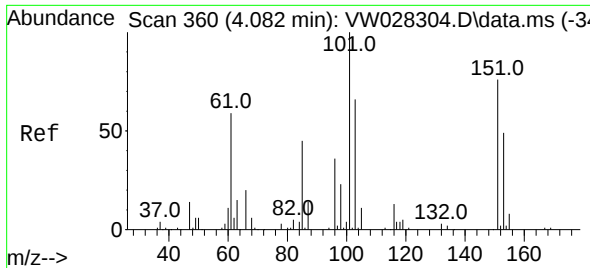
Tgt Ion: 64 Resp: 53155
Ion Ratio Lower Upper
64 100
66 34.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.319 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion:101 Resp: 117408
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3





#10

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

Concen: 19.321 ug/L

RT: 4.082 min Scan# 360

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :

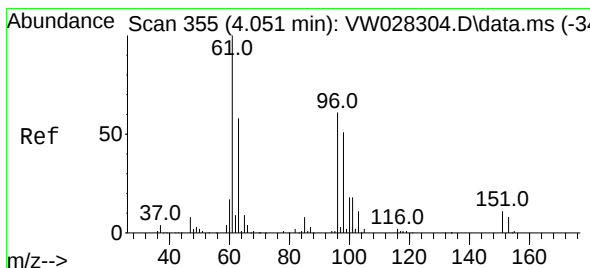
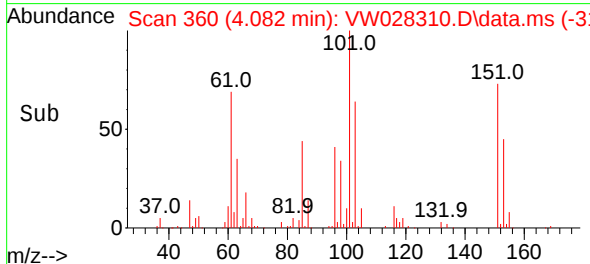
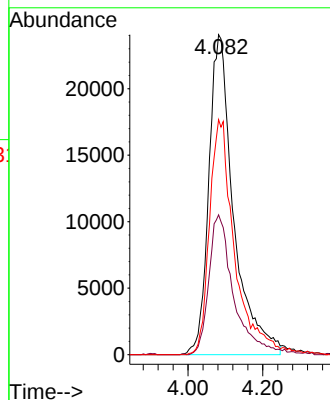
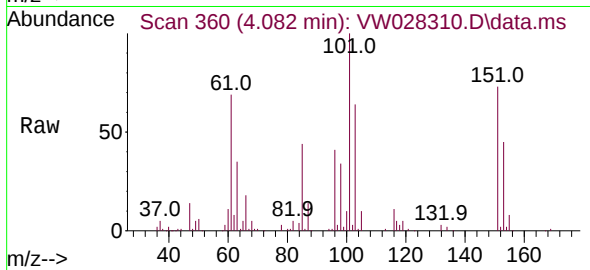
Tgt Ion:101 Resp: 110906

Ion Ratio Lower Upper

101 100

85 43.1 36.4 54.6

151 68.0 58.4 87.6



#12

1,1-Dichloroethene

Concen: 19.435 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

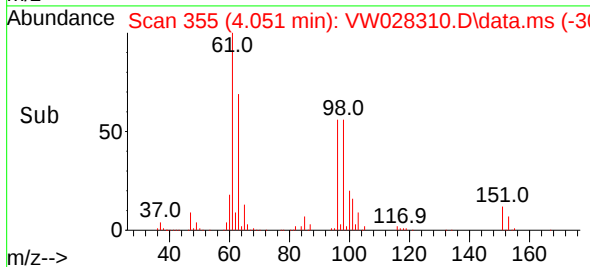
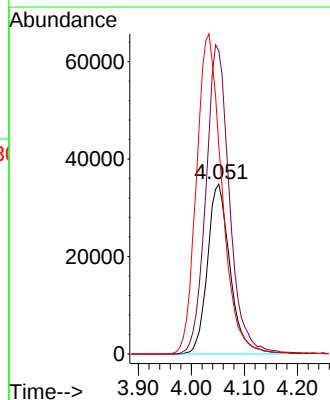
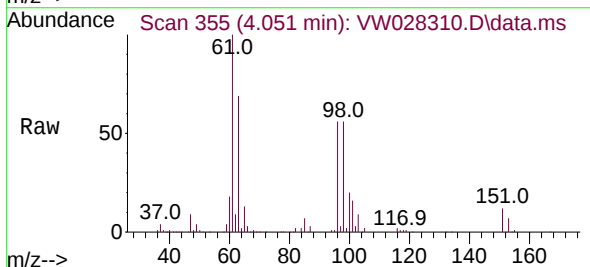
Tgt Ion: 96 Resp: 103129

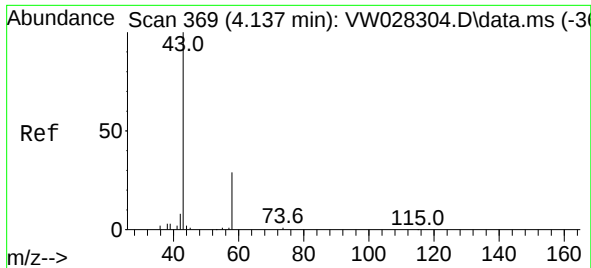
Ion Ratio Lower Upper

96 100

61 178.7 132.2 245.4

63 122.8 104.6 194.2

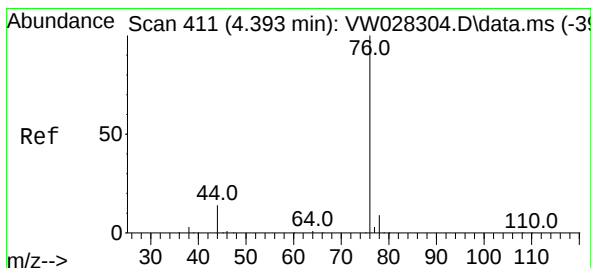
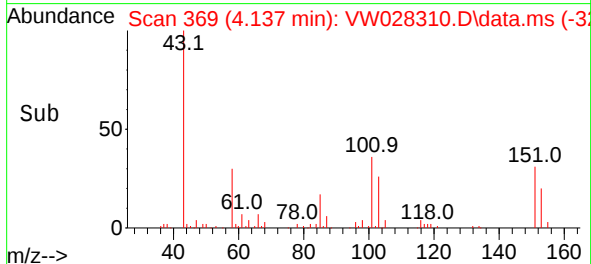
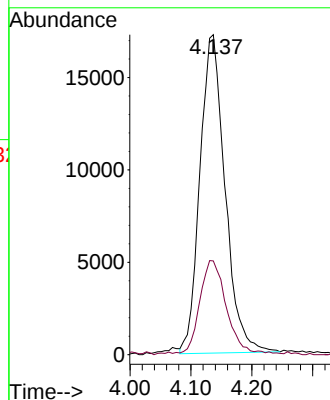
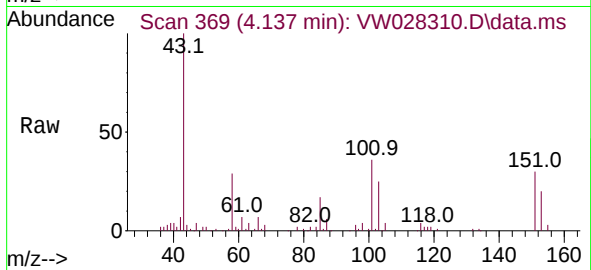




#13
Acetone
Concen: 31.393 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

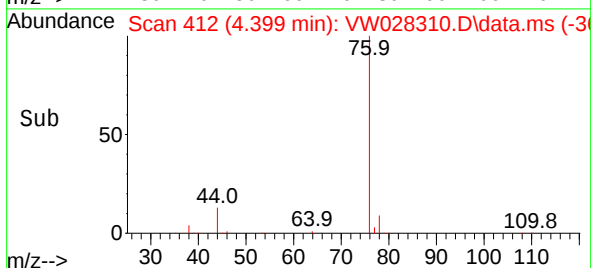
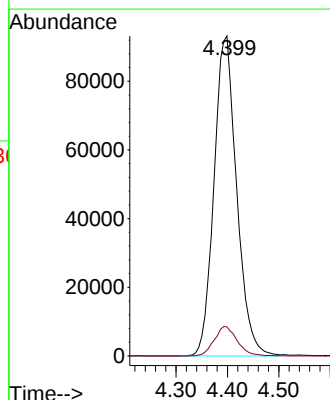
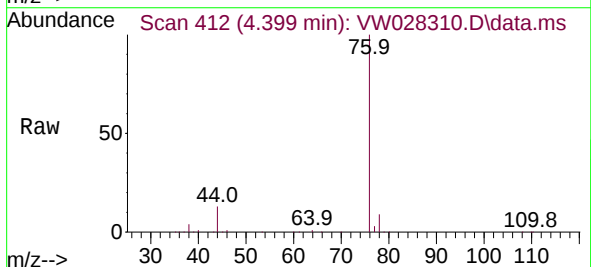
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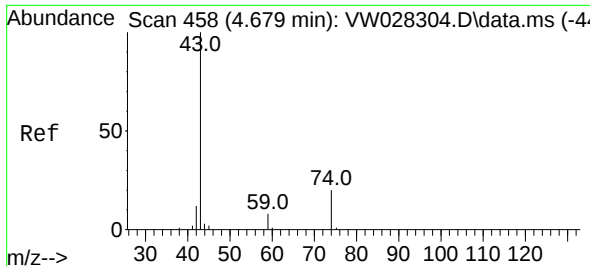
Tgt Ion: 43 Resp: 49429
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.8



#14
Carbon disulfide
Concen: 17.236 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 76 Resp: 285267
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

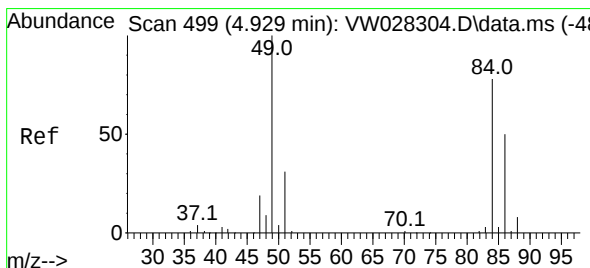
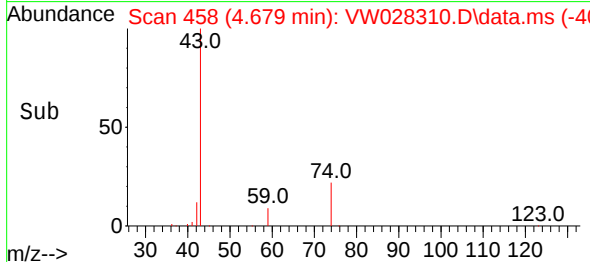
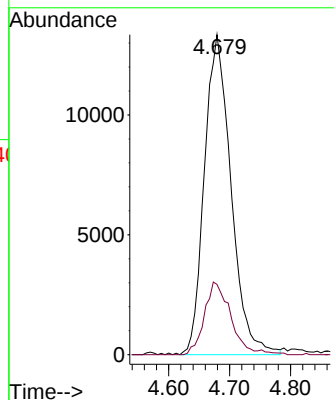
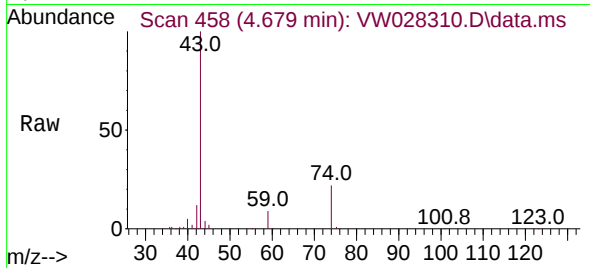




#15
Methyl Acetate
Concen: 16.731 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

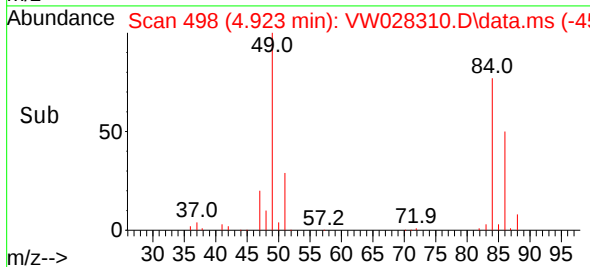
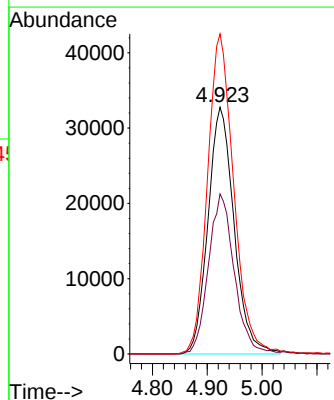
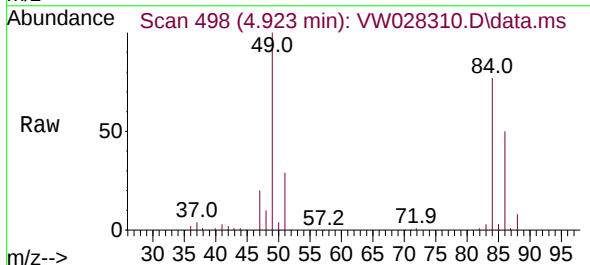
Instrument :
MSVOA_W
ClientSampleId :

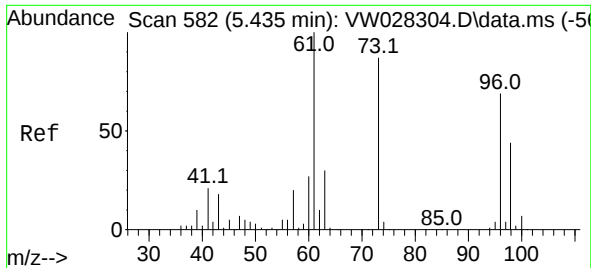
Tgt Ion: 43 Resp: 40576
Ion Ratio Lower Upper
43 100
74 21.9 18.2 27.2



#16
Methylene chloride
Concen: 17.328 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 84 Resp: 108372
Ion Ratio Lower Upper
84 100
86 64.9 43.1 80.1
49 129.7 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 19.493 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :

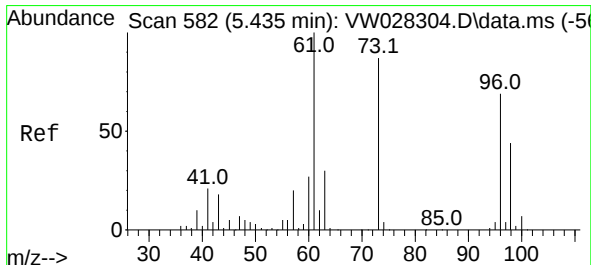
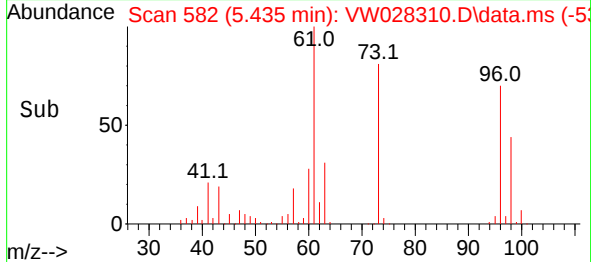
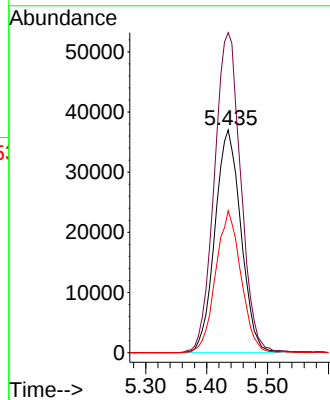
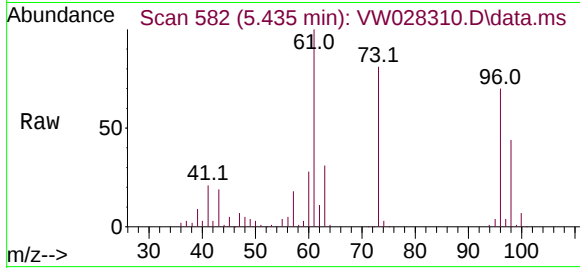
Tgt Ion: 96 Resp: 109924

Ion Ratio Lower Upper

96 100

61 143.6 98.4 182.8

98 63.7 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 18.655 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

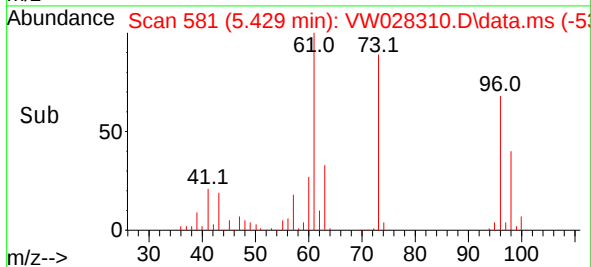
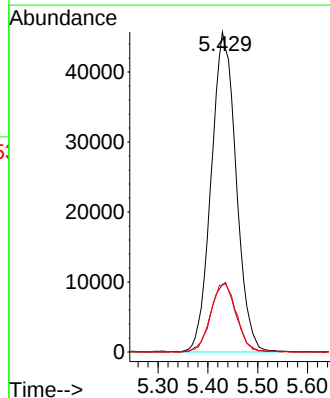
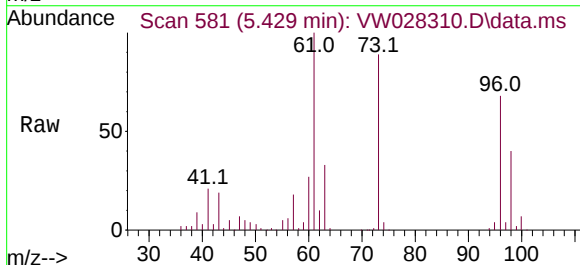
Tgt Ion: 73 Resp: 158719

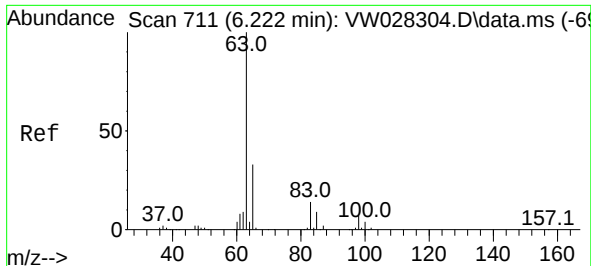
Ion Ratio Lower Upper

73 100

43 21.6 18.2 27.4

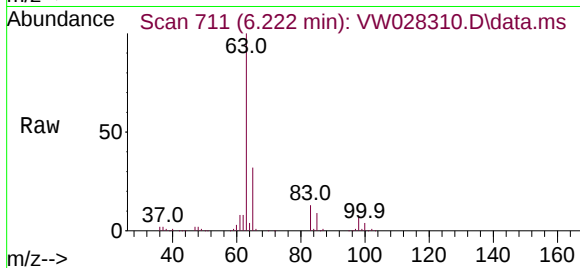
57 22.2 17.4 26.2



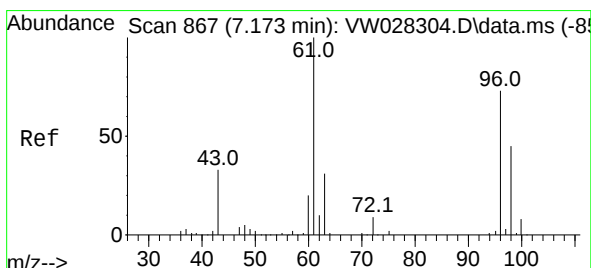
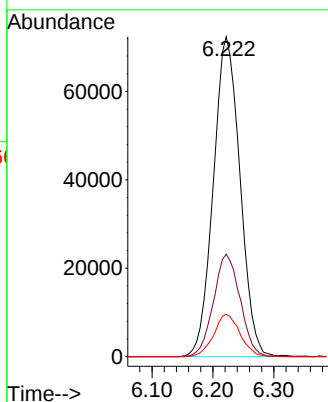
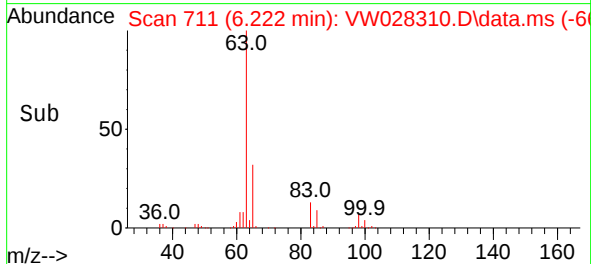


#19
1,1-Dichloroethane
Concen: 20.138 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Instrument :
MSVOA_W
ClientSampleId :

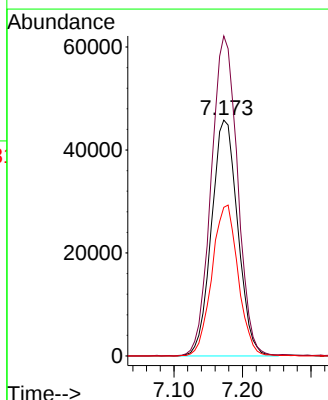
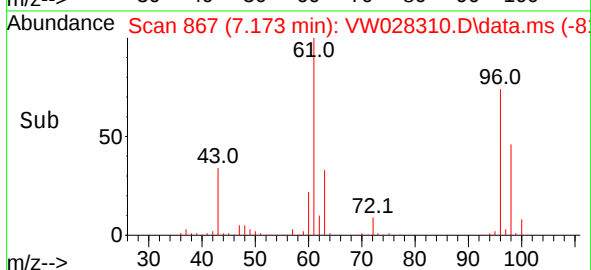
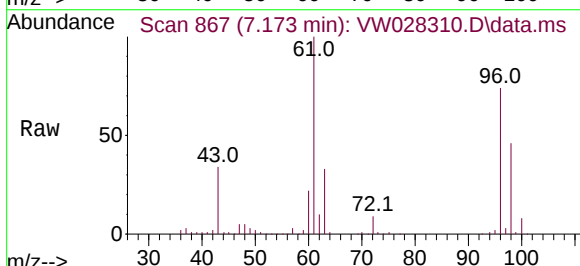


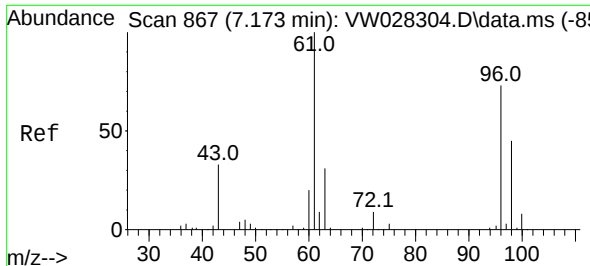
Tgt Ion: 63 Resp: 219852
Ion Ratio Lower Upper
63 100
65 32.0 22.1 41.1
83 13.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 20.016 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 96 Resp: 121907
Ion Ratio Lower Upper
96 100
61 135.7 95.7 177.7
98 63.0 43.9 81.5





#22

2-Butanone

Concen: 33.657 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

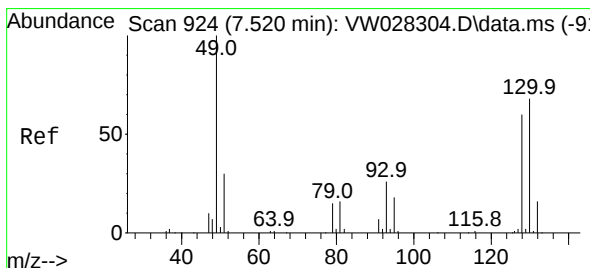
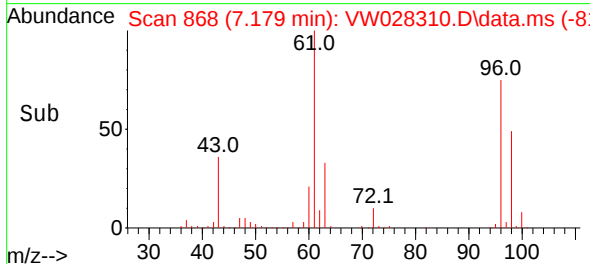
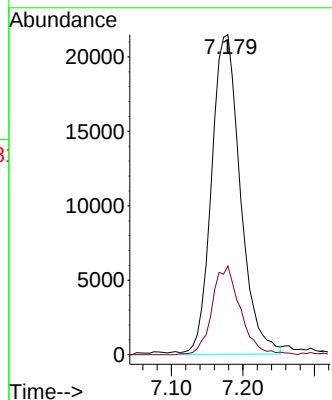
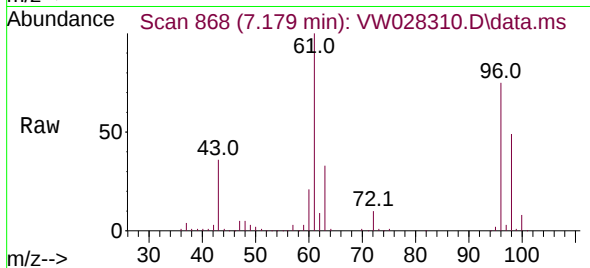
ClientSampleId :

Tgt Ion: 43 Resp: 60168

Ion Ratio Lower Upper

43 100

72 27.2 12.8 38.4



#23

Bromochloromethane

Concen: 18.033 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Tgt Ion: 128 Resp: 48554

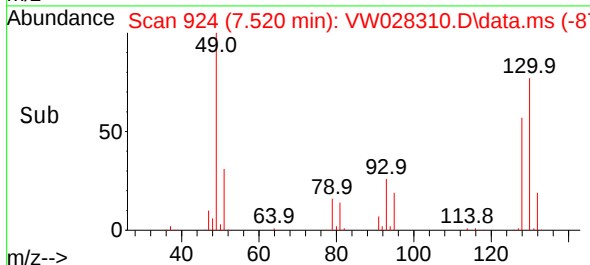
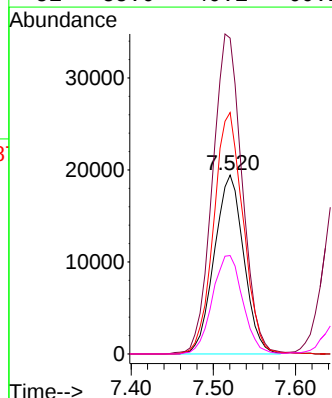
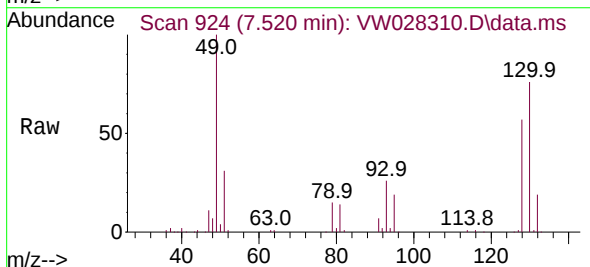
Ion Ratio Lower Upper

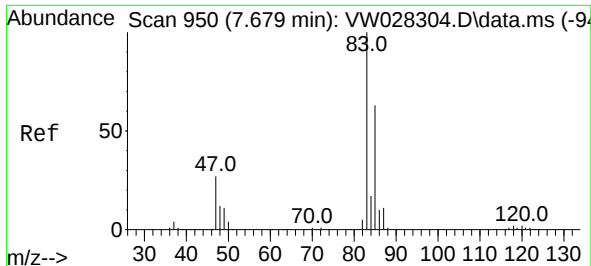
128 100

49 176.6 116.6 216.6

130 135.0 80.1 148.7

51 55.0 40.1 60.1





#25

Chloroform

Concen: 19.793 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

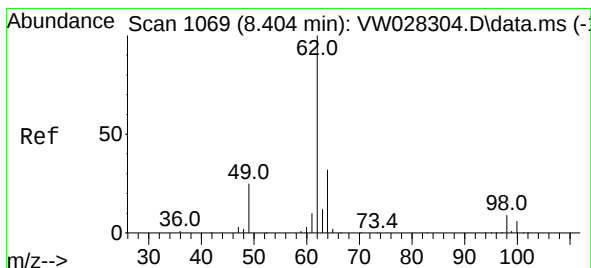
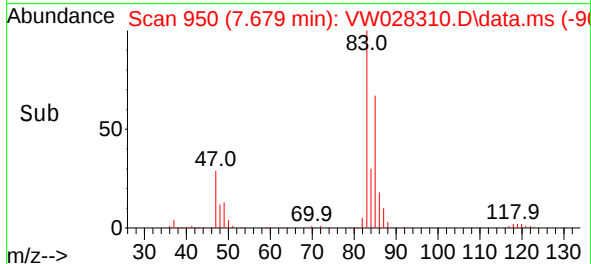
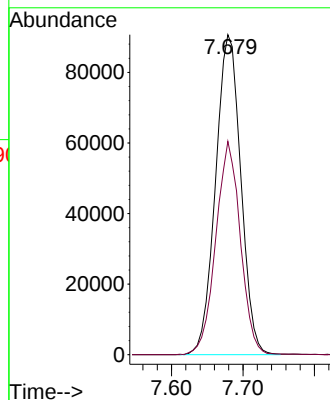
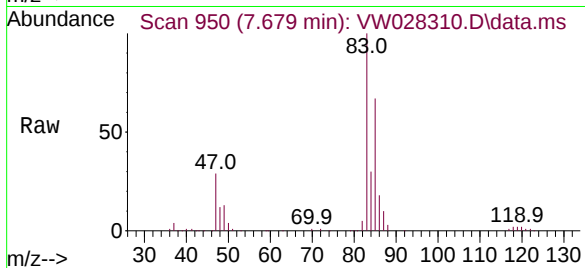
ClientSampleId :

Tgt Ion: 83 Resp: 222459

Ion Ratio Lower Upper

83 100

85 66.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 16.657 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW028310.D

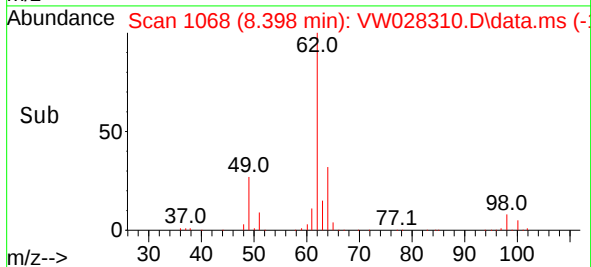
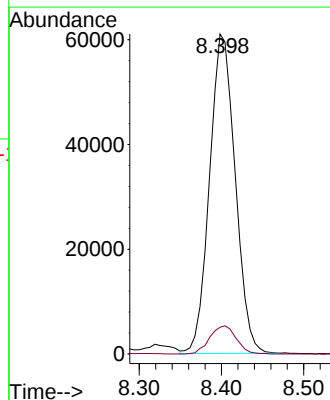
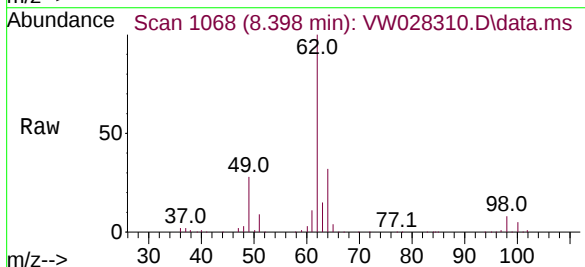
Acq: 04 Apr 2024 13:29

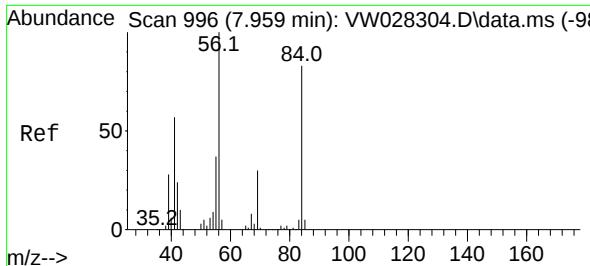
Tgt Ion: 62 Resp: 132208

Ion Ratio Lower Upper

62 100

98 8.4 5.9 8.9





#29

Cyclohexane

Concen: 19.849 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :

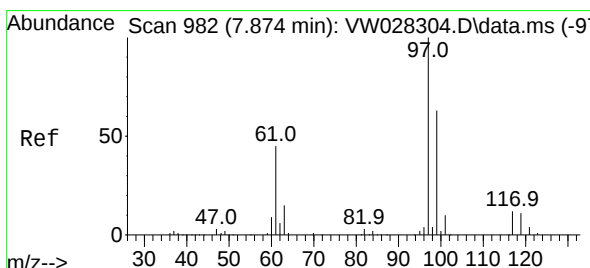
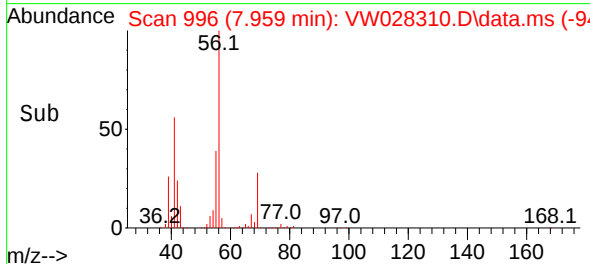
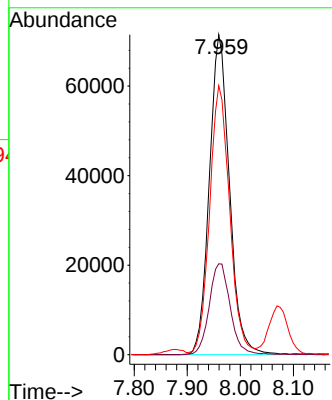
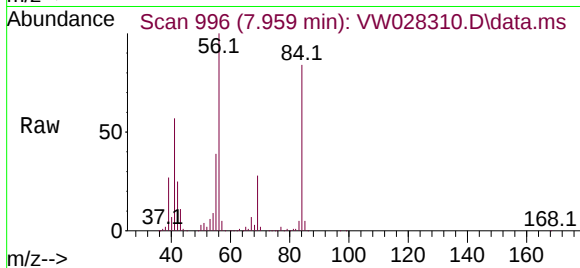
Tgt Ion: 56 Resp: 188231

Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 83.8 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 19.757 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

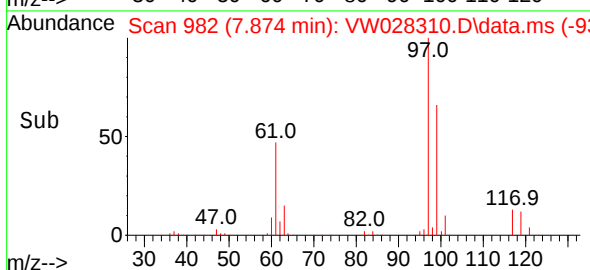
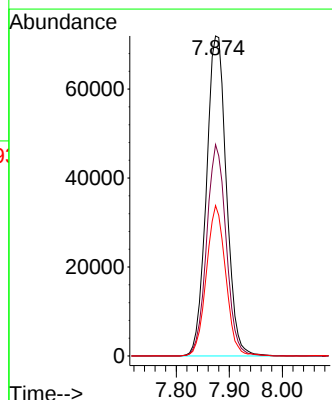
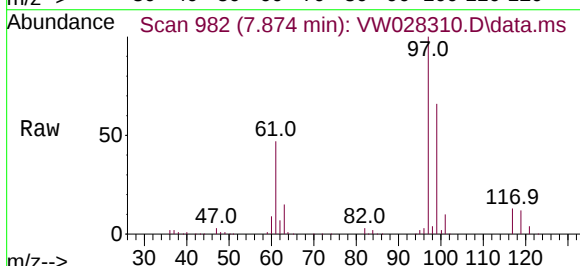
Tgt Ion: 97 Resp: 188295

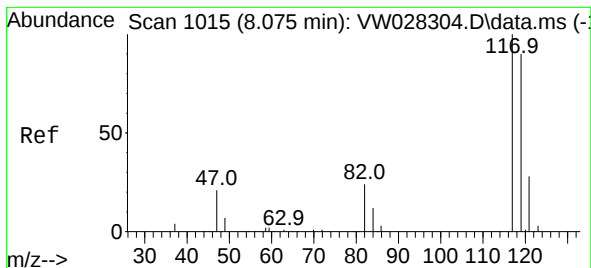
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 45.5 37.0 55.6





#31

Carbon tetrachloride

Concen: 18.877 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

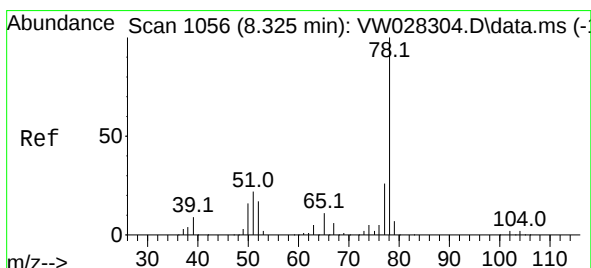
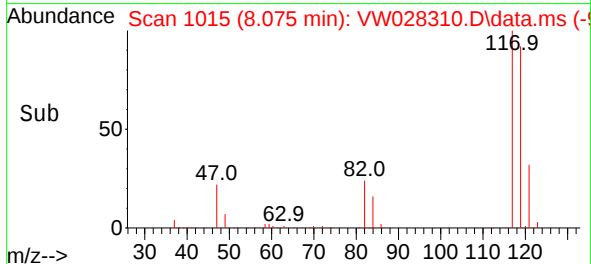
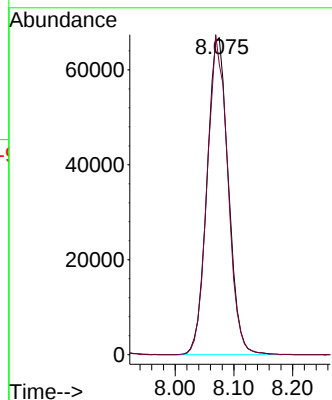
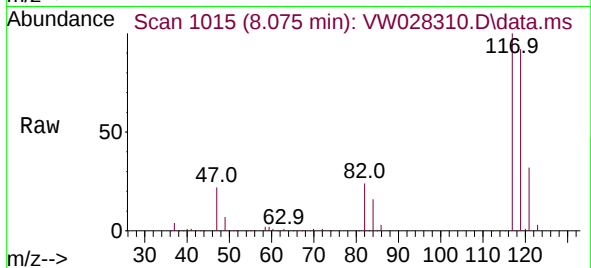
ClientSampleId :

Tgt Ion:117 Resp: 168754

Ion Ratio Lower Upper

117 100

119 97.2 78.2 117.4



#33

Benzene

Concen: 20.560 ug/L

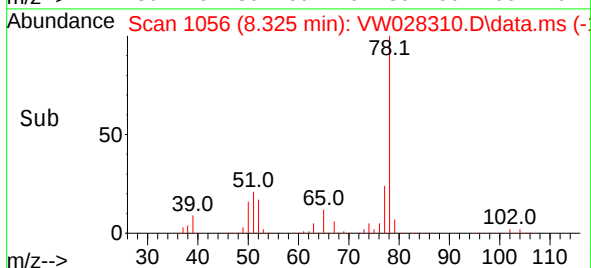
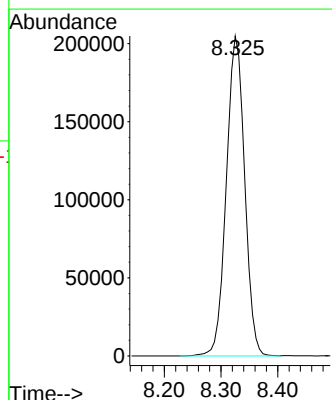
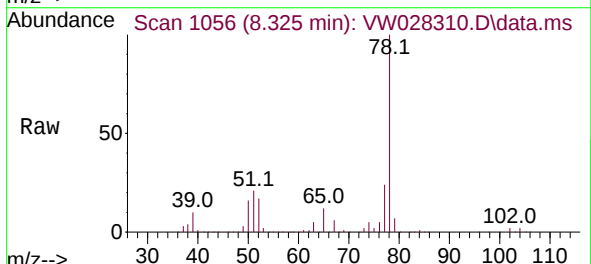
RT: 8.325 min Scan# 1056

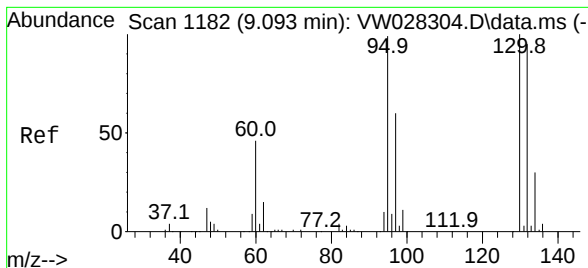
Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Tgt Ion: 78 Resp: 459997





#34

Trichloroethene

Concen: 20.180 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 125964

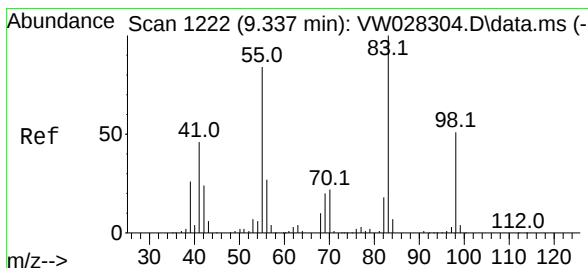
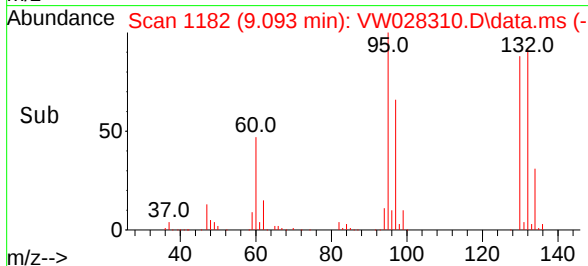
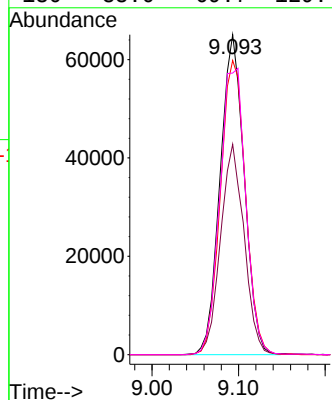
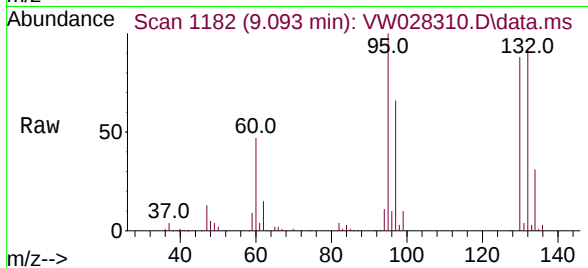
Ion Ratio Lower Upper

95 100

97 65.8 42.4 78.6

132 92.0 69.4 128.8

130 88.0 69.7 129.4



#35

Methylcyclohexane

Concen: 18.562 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

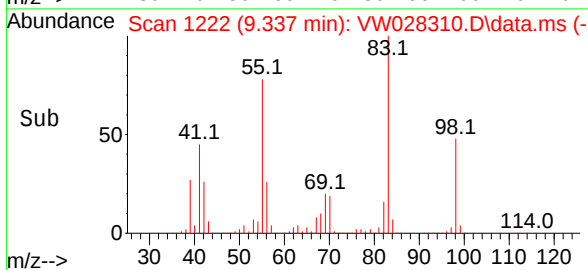
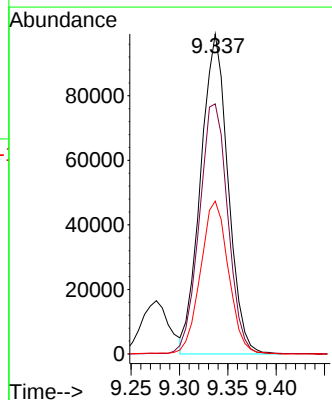
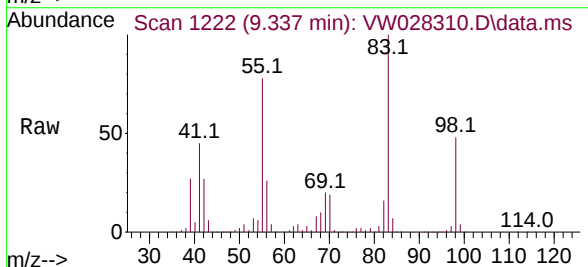
Tgt Ion: 83 Resp: 195845

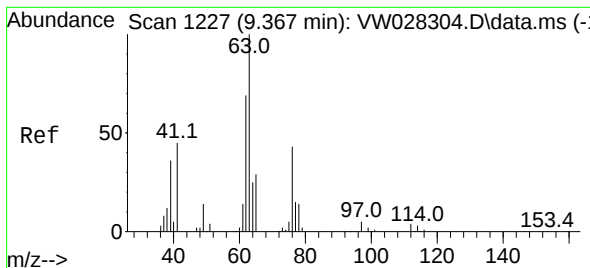
Ion Ratio Lower Upper

83 100

55 80.9 64.2 96.4

98 48.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 21.094 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

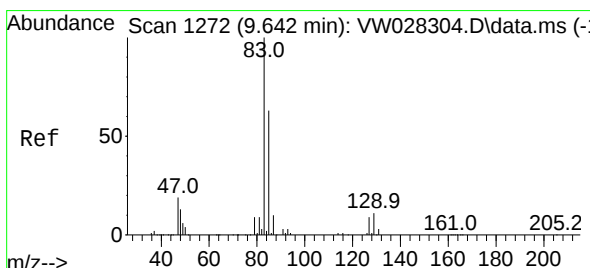
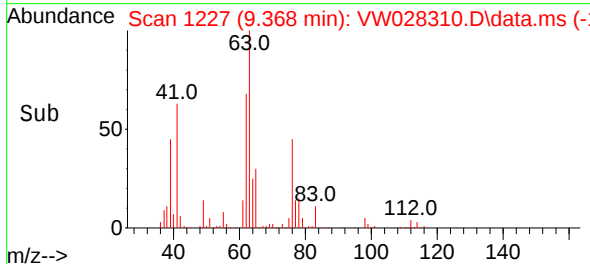
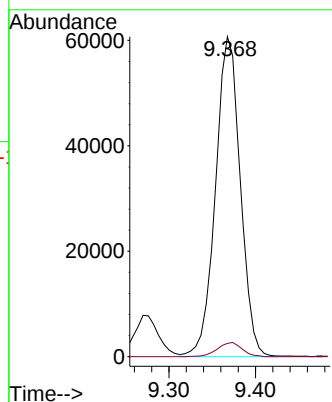
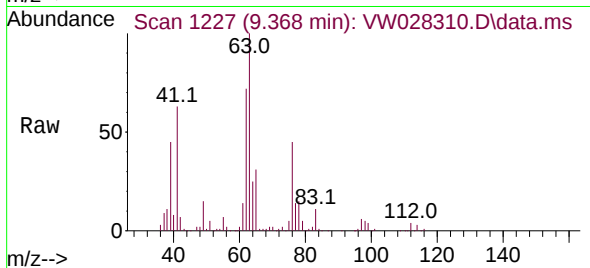
ClientSampleId :

Tgt Ion: 63 Resp: 120710

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 19.847 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

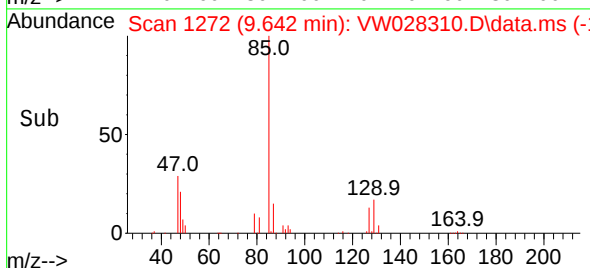
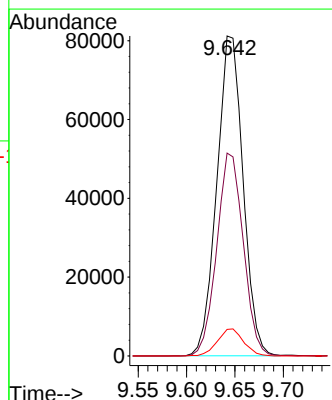
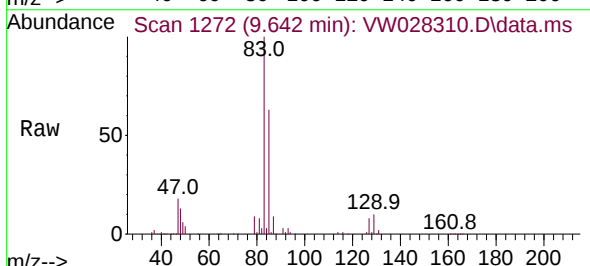
Tgt Ion: 83 Resp: 153126

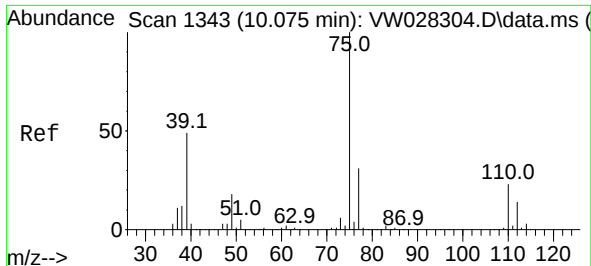
Ion Ratio Lower Upper

83 100

85 63.4 45.8 85.2

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 20.536 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

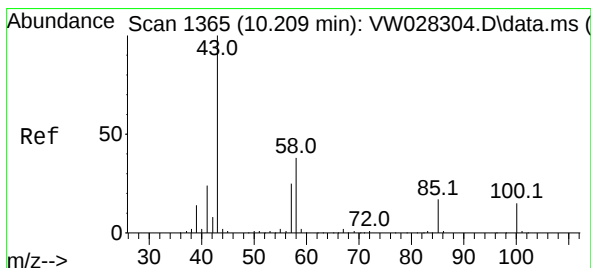
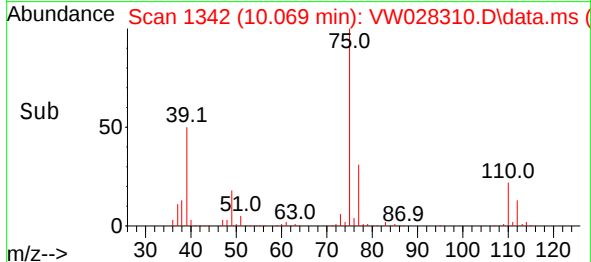
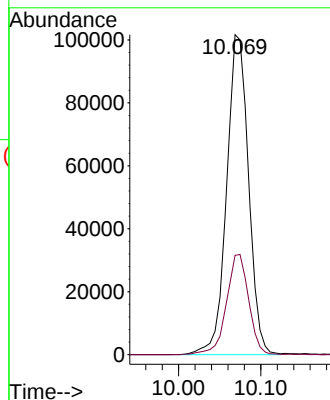
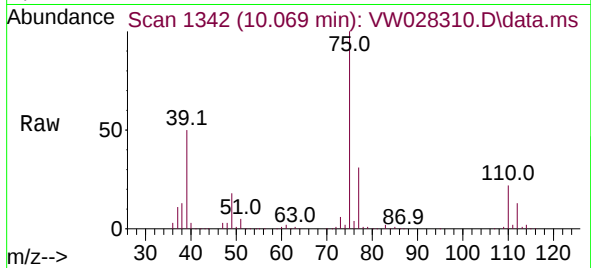
ClientSampleId :

Tgt Ion: 75 Resp: 188203

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 37.465 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

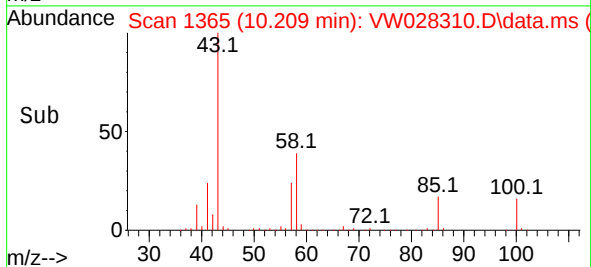
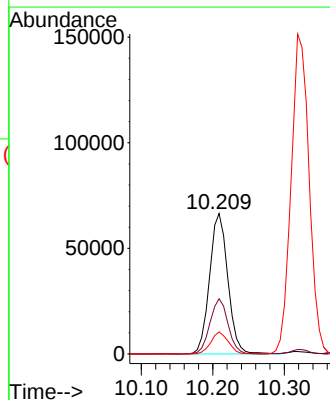
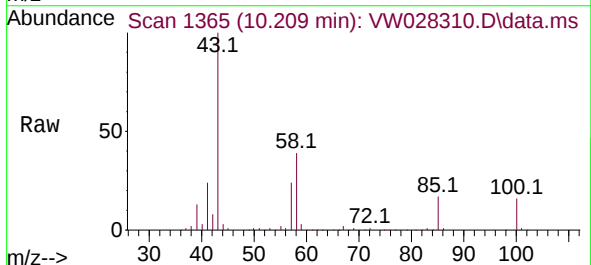
Tgt Ion: 43 Resp: 118342

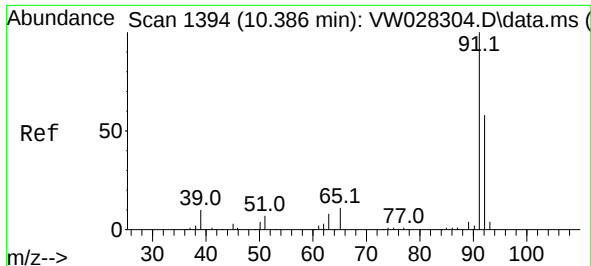
Ion Ratio Lower Upper

43 100

58 38.7 30.1 45.1

100 15.0 11.8 17.8

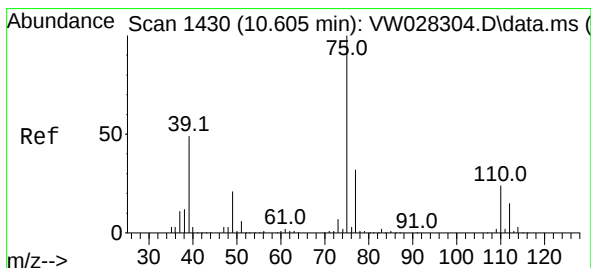
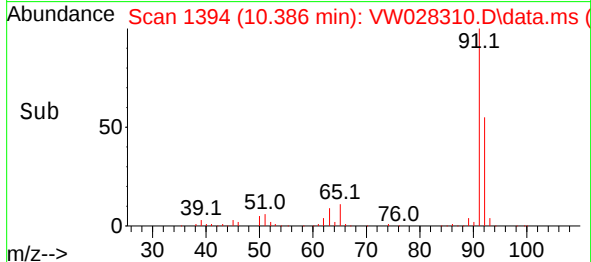
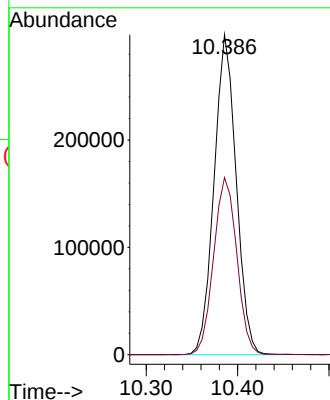
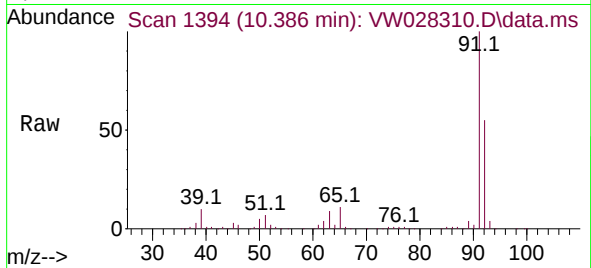




#42
Toluene
Concen: 20.541 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

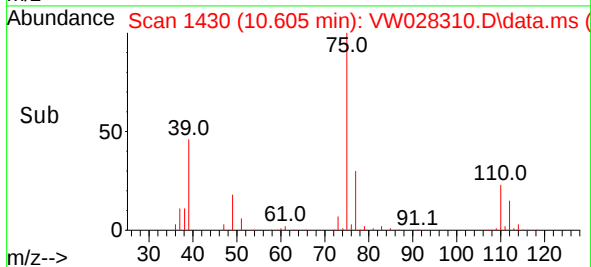
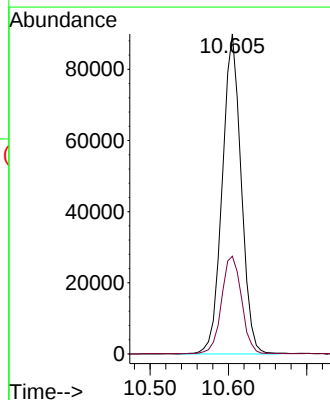
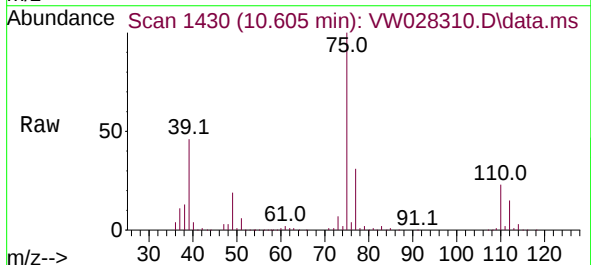
Instrument :
MSVOA_W
ClientSampleId :

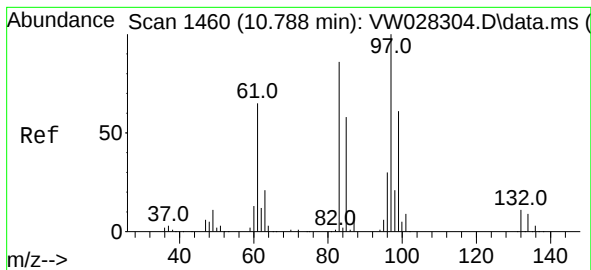
Tgt Ion: 91 Resp: 501555
Ion Ratio Lower Upper
91 100
92 55.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 19.527 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 75 Resp: 151089
Ion Ratio Lower Upper
75 100
77 30.6 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 19.631 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

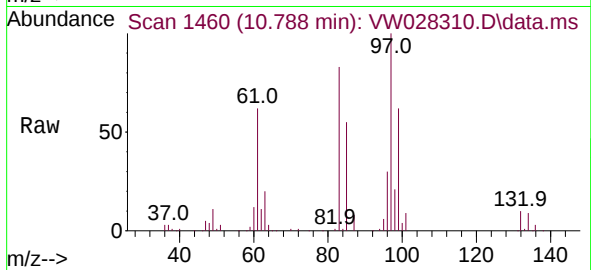
Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 81165

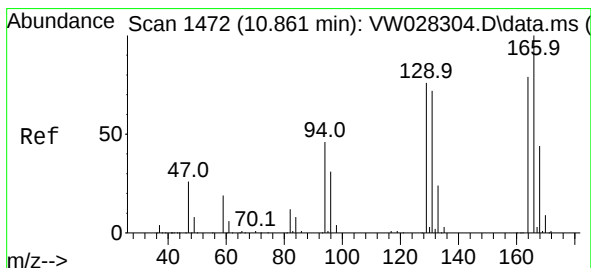
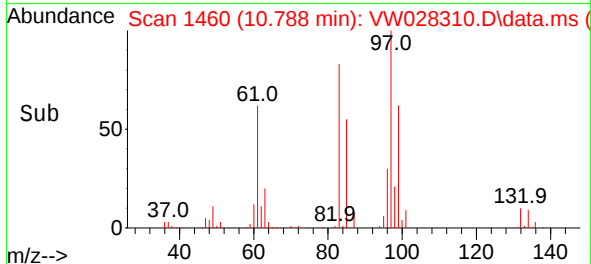
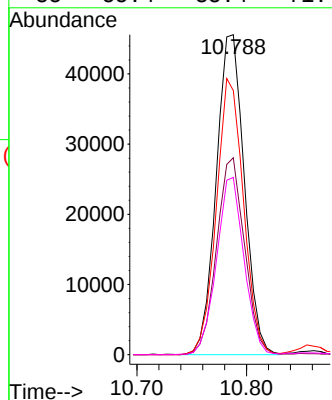
Ion Ratio Lower Upper

97 100

99 61.6 43.4 80.6

83 82.6 59.4 110.4

85 55.4 38.4 71.4



#46

Tetrachloroethene

Concen: 19.022 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Tgt Ion:164 Resp: 95710

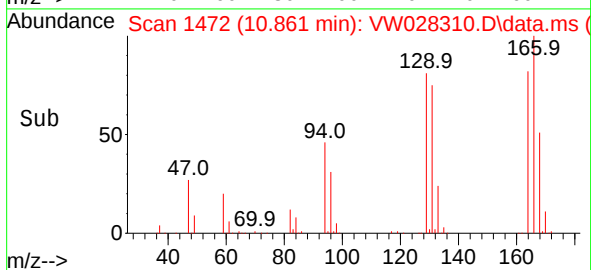
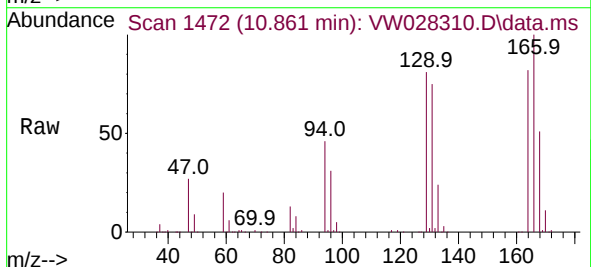
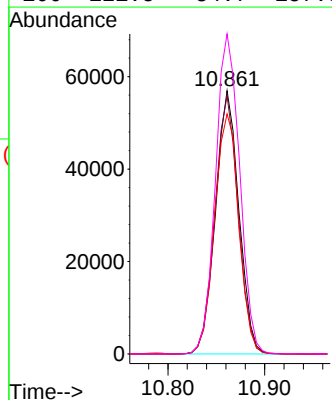
Ion Ratio Lower Upper

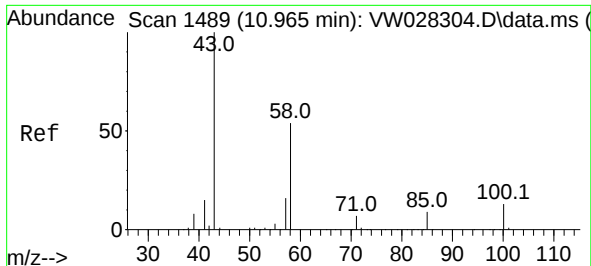
164 100

129 98.0 64.0 119.0

131 91.2 62.6 116.3

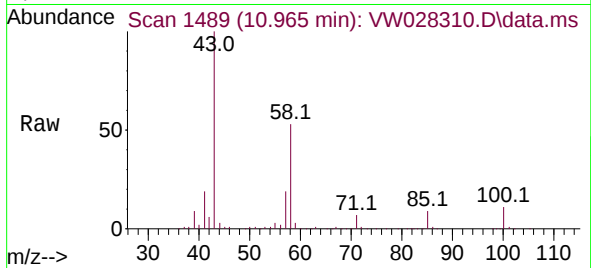
166 121.5 84.7 157.3



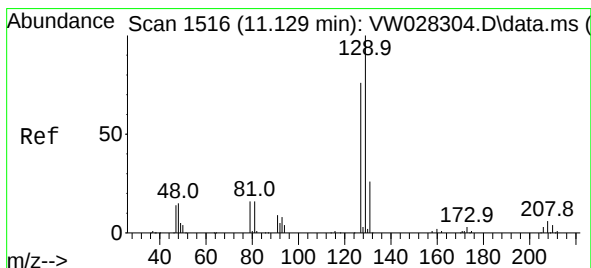
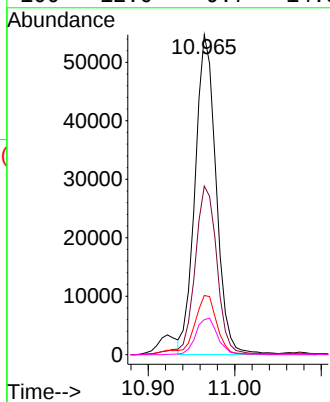
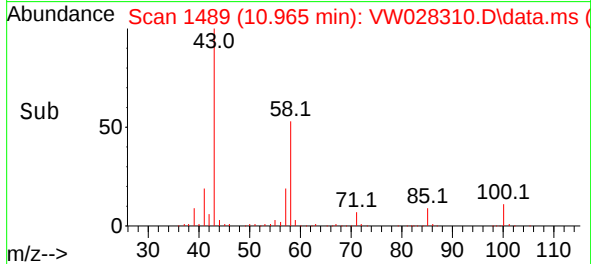


#48
2-Hexanone
Concen: 37.315 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Instrument :
MSVOA_W
ClientSampleId :

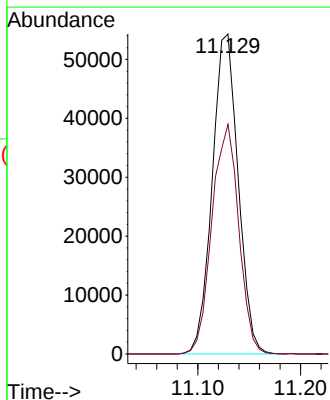
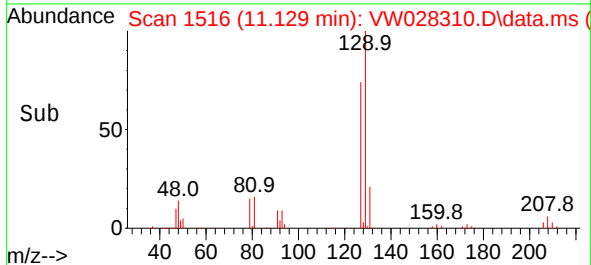
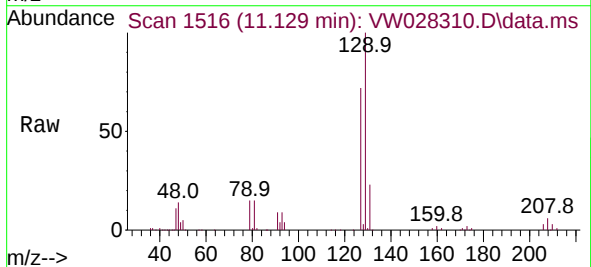


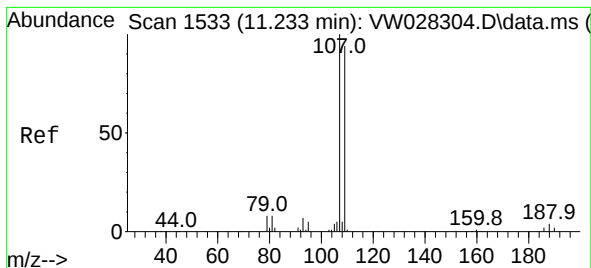
Tgt Ion: 43 Resp: 92331
Ion Ratio Lower Upper
43 100
58 55.4 40.6 61.0
57 19.1 15.7 23.5
100 12.0 9.7 14.5



#49
Dibromochloromethane
Concen: 19.461 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

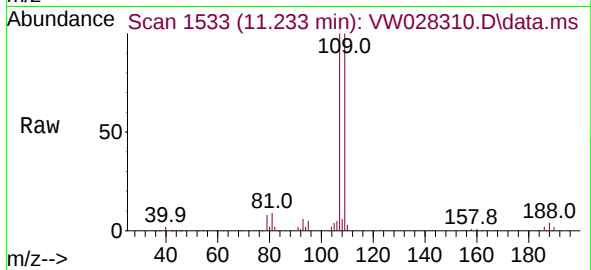
Tgt Ion:129 Resp: 95297
Ion Ratio Lower Upper
129 100
127 71.7 53.1 98.7



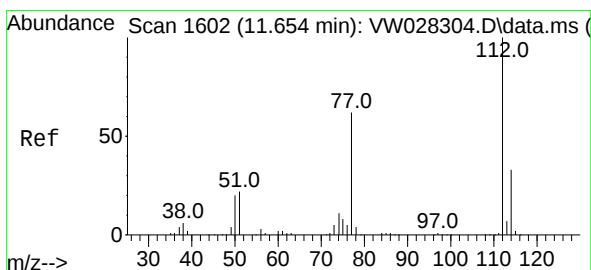
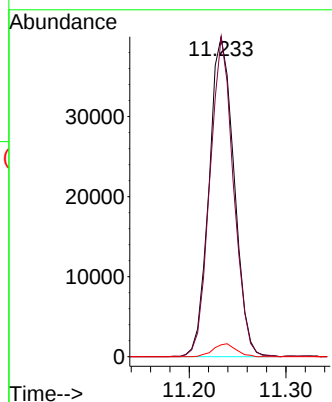
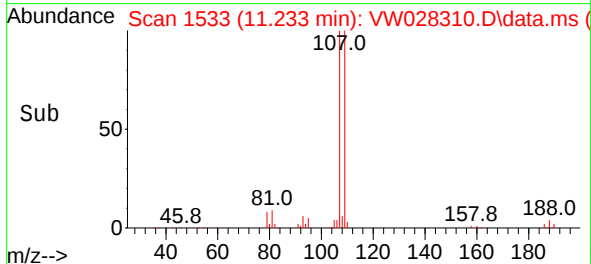


#50
1,2-Dibromoethane
Concen: 18.137 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Instrument :
MSVOA_W
ClientSampleId :

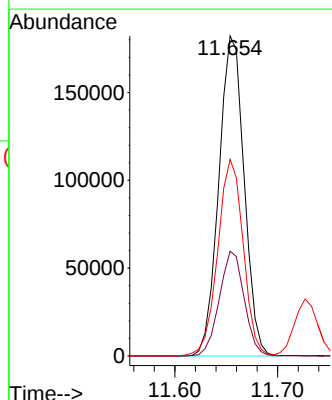
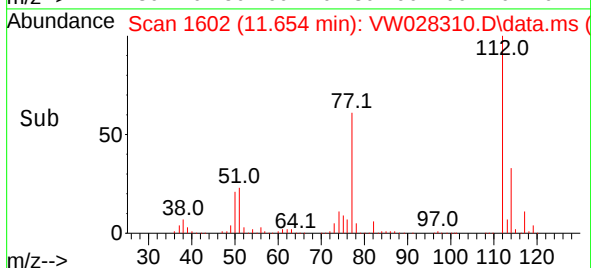
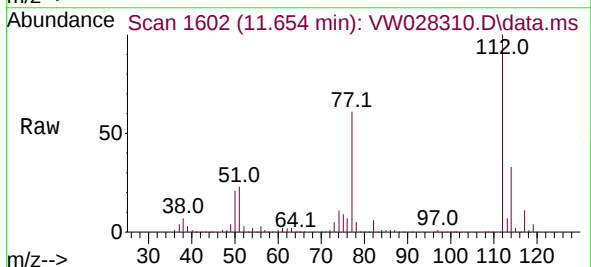


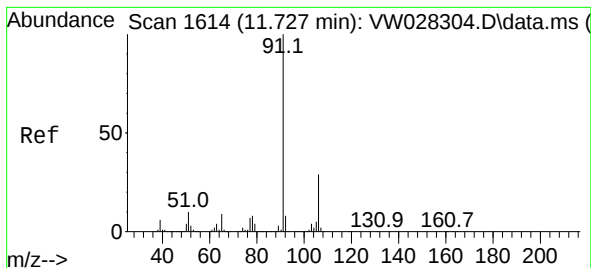
Tgt Ion:107 Resp: 71702
Ion Ratio Lower Upper
107 100
109 100.2 64.4 119.6
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 20.080 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion:112 Resp: 311212
Ion Ratio Lower Upper
112 100
114 32.7 21.8 40.6
77 61.4 50.6 76.0





#52

Ethylbenzene

Concen: 20.332 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

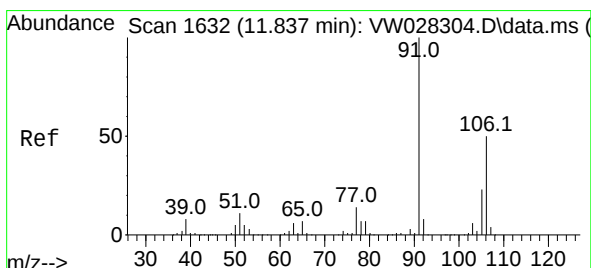
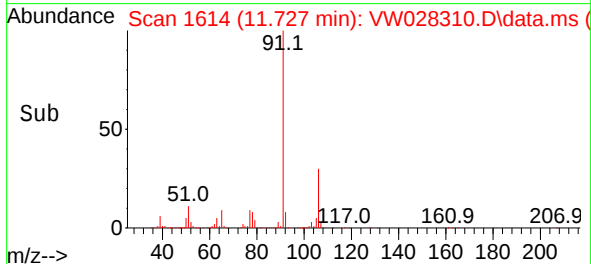
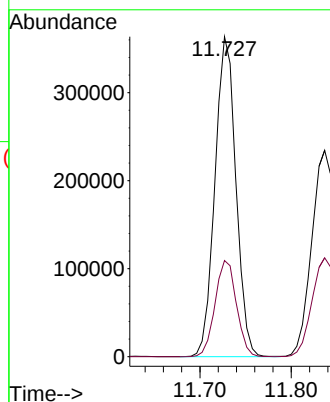
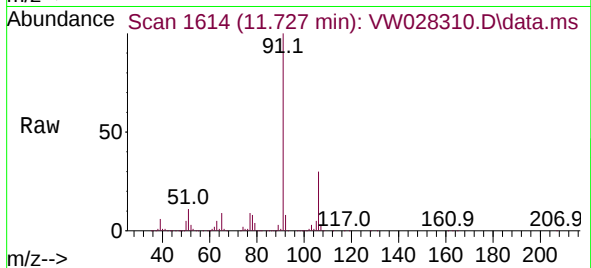
ClientSampleId :

Tgt Ion: 91 Resp: 579546

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



#53

m,p-Xylene

Concen: 20.007 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028310.D

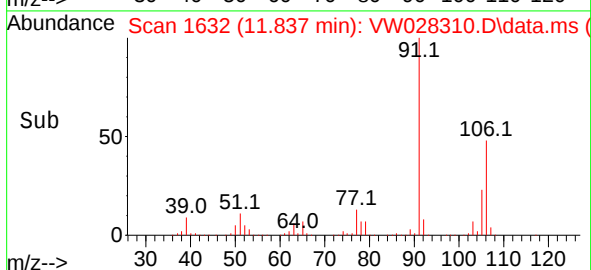
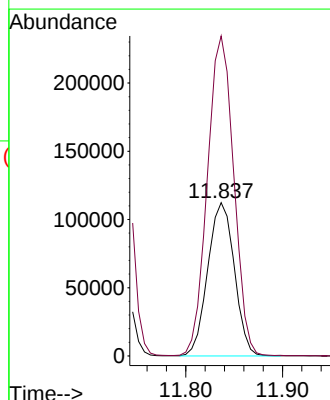
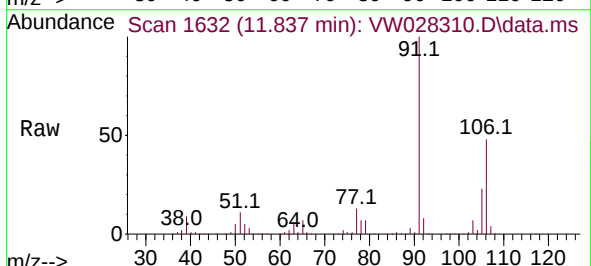
Acq: 04 Apr 2024 13:29

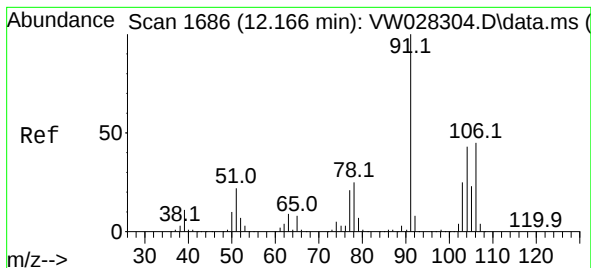
Tgt Ion:106 Resp: 214600

Ion Ratio Lower Upper

106 100

91 208.7 147.1 273.1





#54

o-Xylene

Concen: 20.667 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

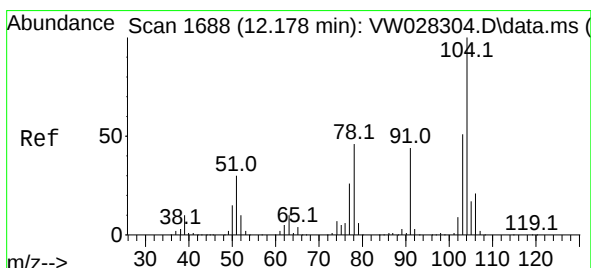
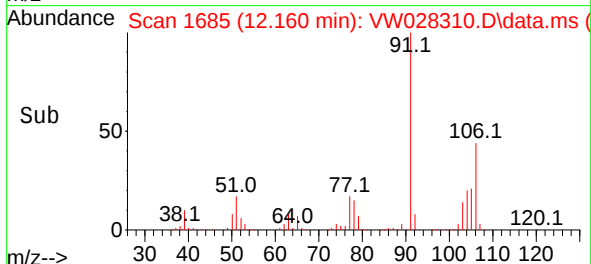
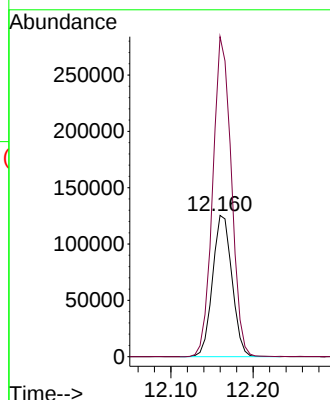
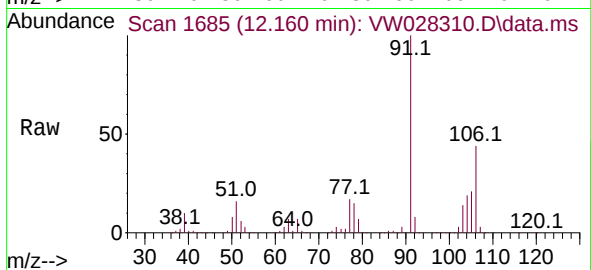
ClientSampleId :

Tgt Ion:106 Resp: 205580

Ion Ratio Lower Upper

106 100

91 226.6 149.2 277.2



#55

Styrene

Concen: 20.476 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028310.D

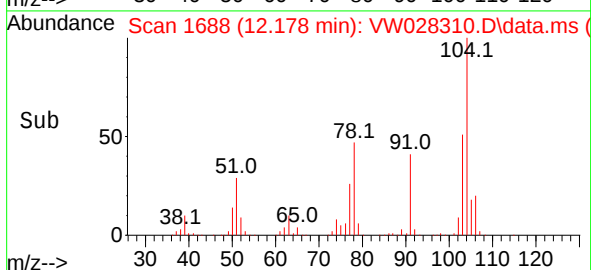
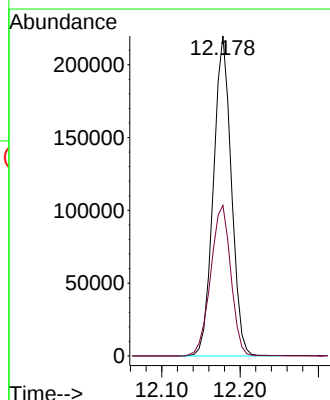
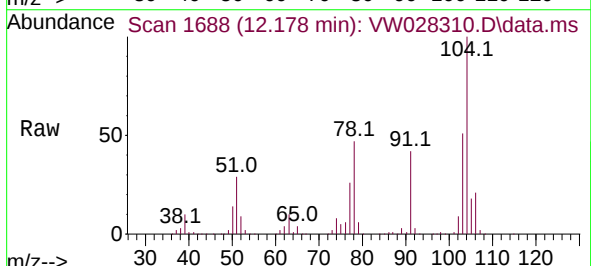
Acq: 04 Apr 2024 13:29

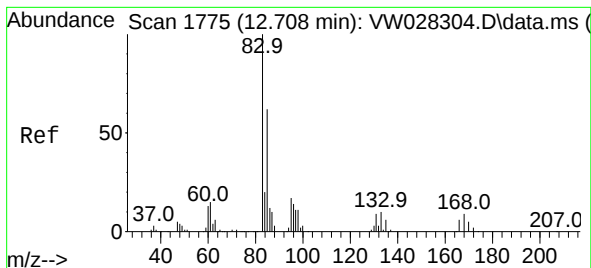
Tgt Ion:104 Resp: 349860

Ion Ratio Lower Upper

104 100

78 47.1 33.2 61.7

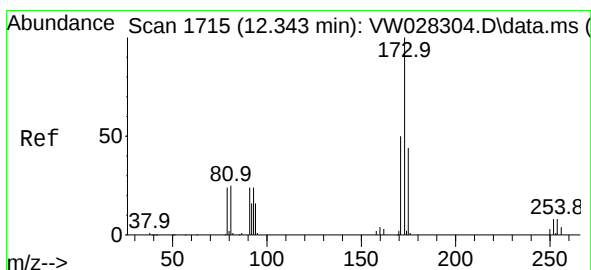
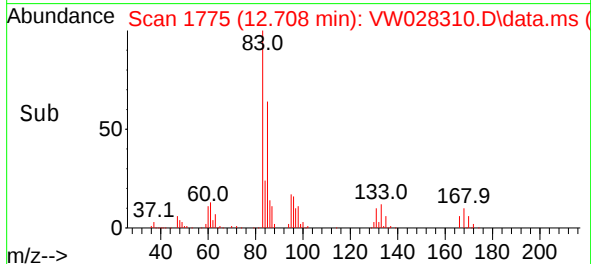
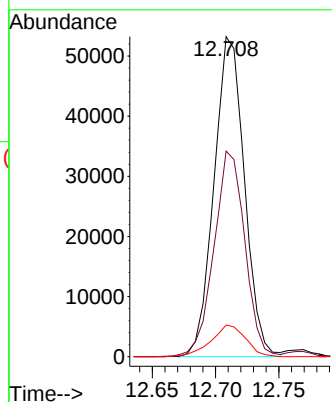
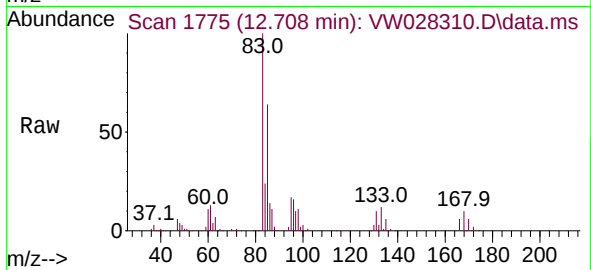




#57
1,1,2,2-Tetrachloroethane
Concen: 18.817 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

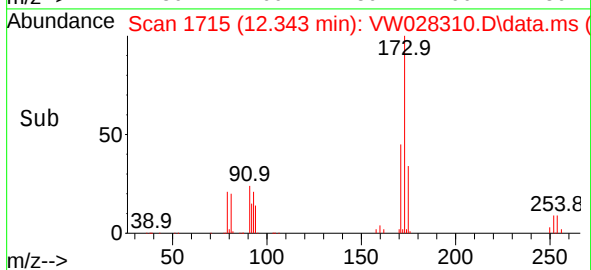
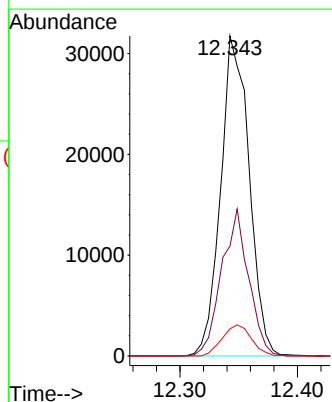
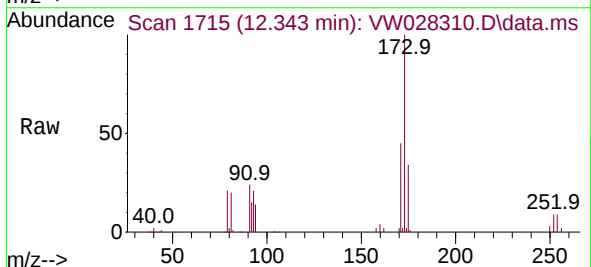
Instrument :
MSVOA_W
ClientSampleId :

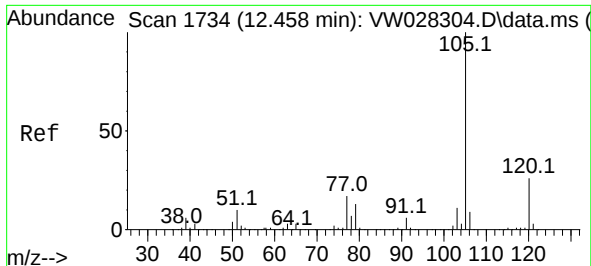
Tgt Ion: 83 Resp: 88991
Ion Ratio Lower Upper
83 100
85 64.3 47.0 87.2
131 9.9 8.9 13.3



#59
Bromoform
Concen: 19.541 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion:173 Resp: 53485
Ion Ratio Lower Upper
173 100
175 43.6 39.8 59.6
254 10.0 8.5 12.7

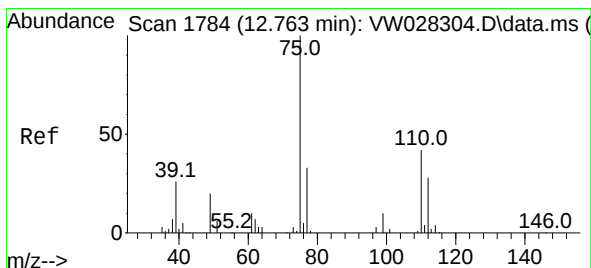
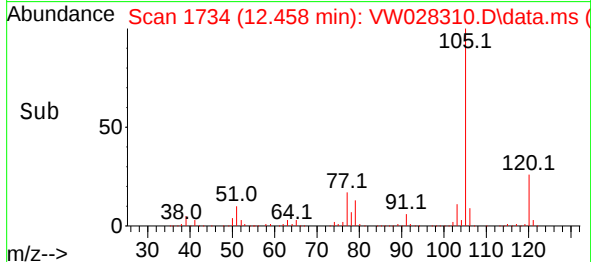
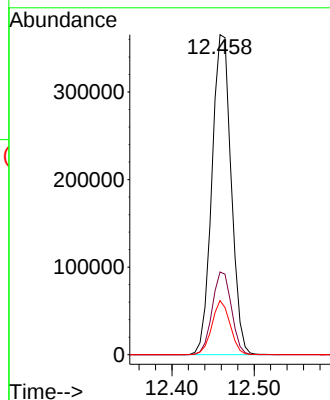
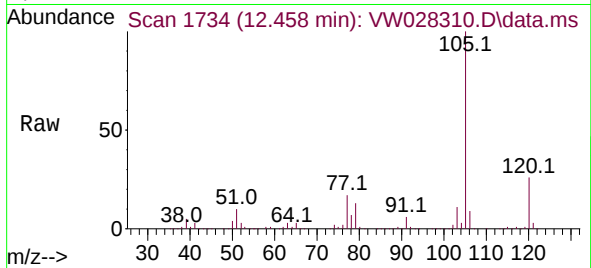




#60
Isopropylbenzene
Concen: 21.903 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

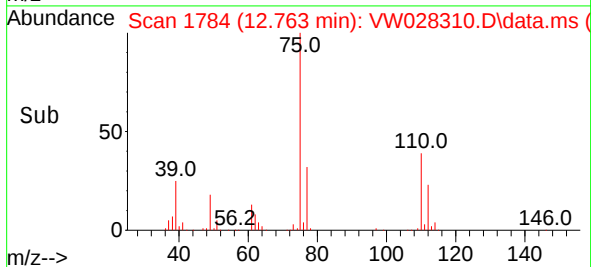
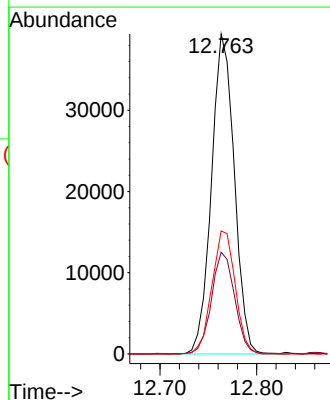
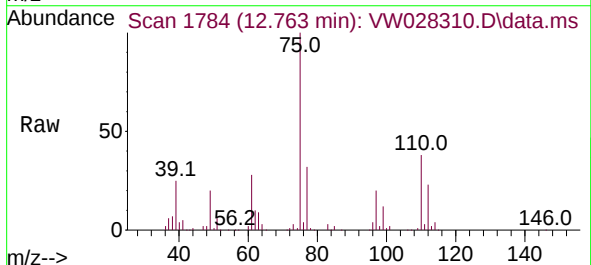
Instrument :
MSVOA_W
ClientSampleId :

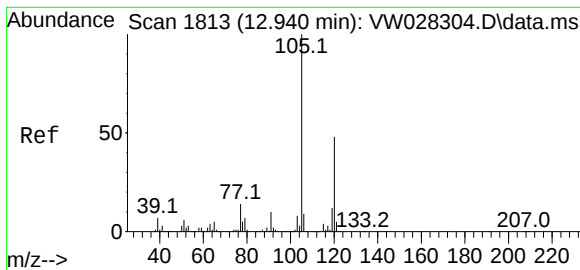
Tgt Ion:105 Resp: 594403
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 15.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 18.554 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion: 75 Resp: 64679
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 39.2 32.2 48.2

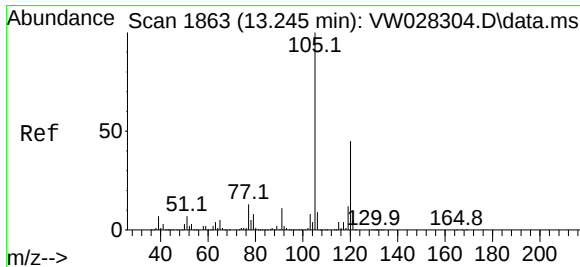
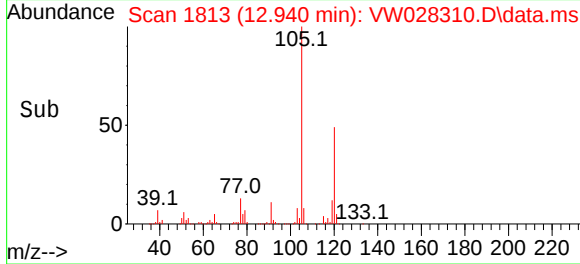
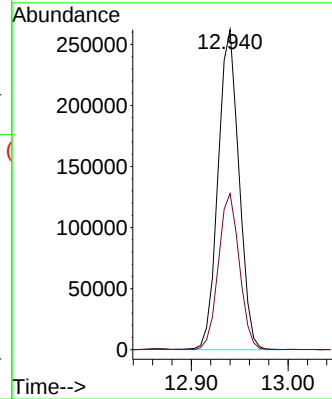
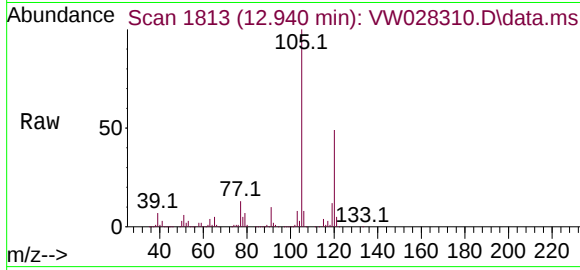




#62
1,3,5-Trimethylbenzene
Concen: 21.596 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

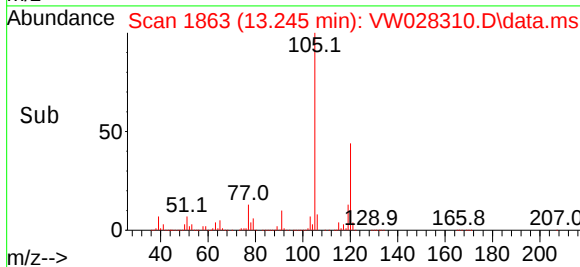
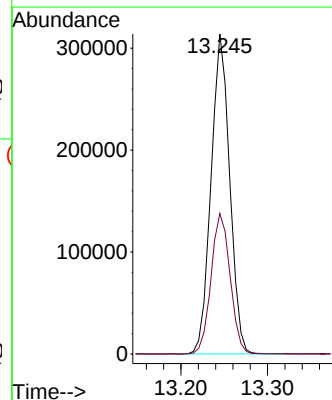
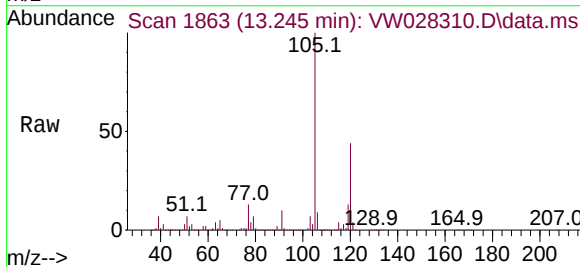
Instrument :
MSVOA_W
ClientSampleId :

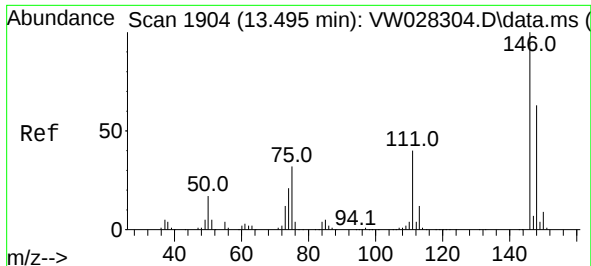
Tgt Ion:105 Resp: 393243
Ion Ratio Lower Upper
105 100
120 48.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 21.323 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

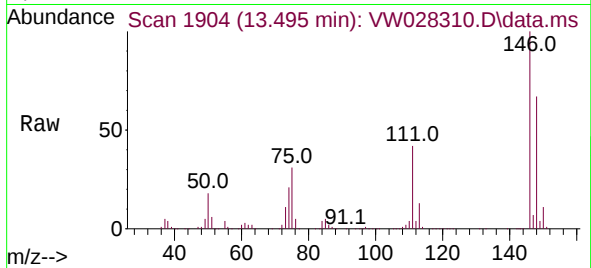
Tgt Ion:105 Resp: 468845
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4



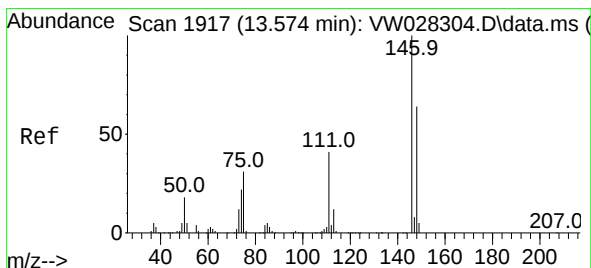
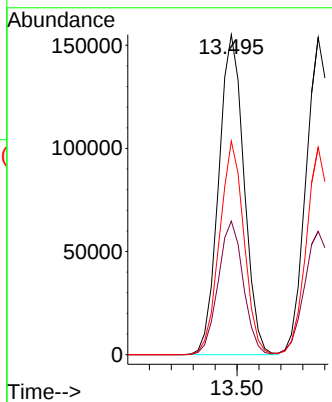
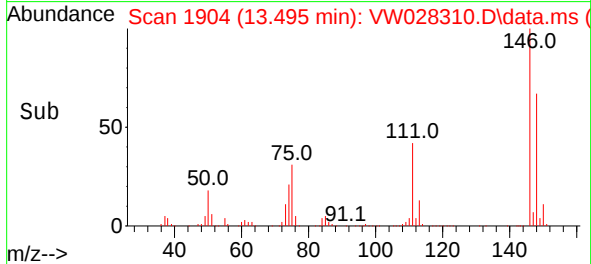


#64
1,3-Dichlorobenzene
Concen: 20.555 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

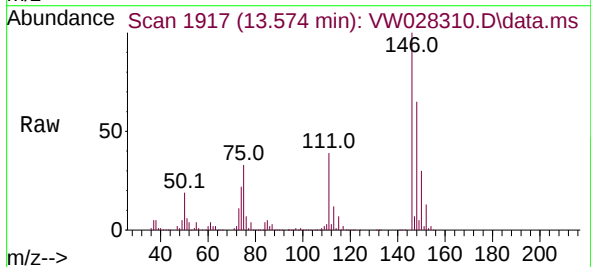
Instrument :
MSVOA_W
ClientSampleId :



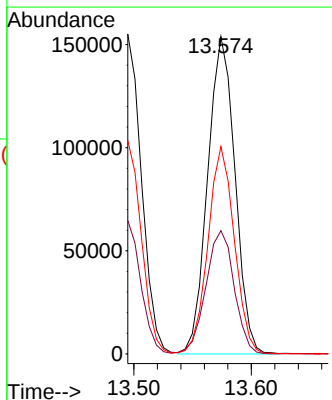
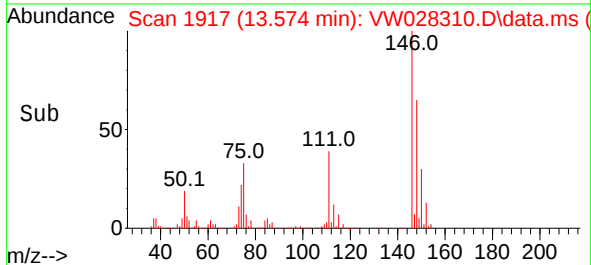
Tgt Ion:146 Resp: 248862
Ion Ratio Lower Upper
146 100
111 41.7 28.5 52.9
148 66.8 43.0 80.0

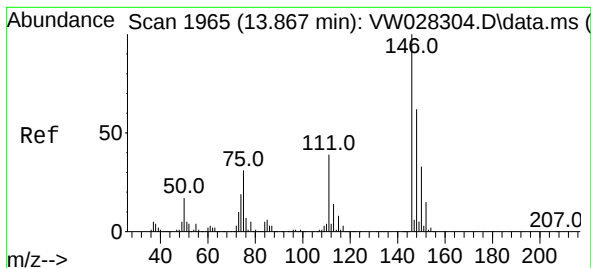


#65
1,4-Dichlorobenzene
Concen: 20.598 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29



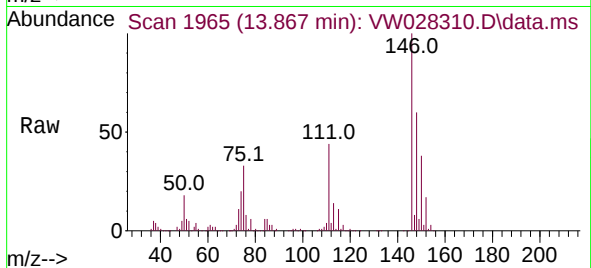
Tgt Ion:146 Resp: 249374
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.6
148 65.3 45.3 84.1



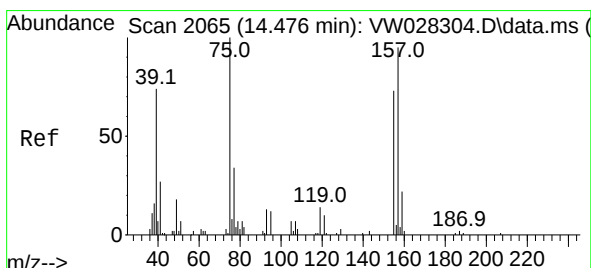
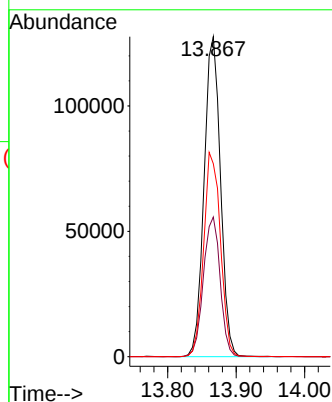
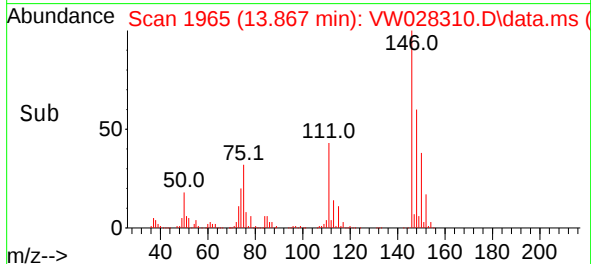


#67
1,2-Dichlorobenzene
Concen: 20.445 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

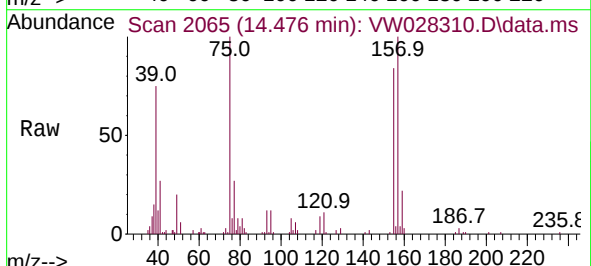
Instrument :
MSVOA_W
ClientSampleId :



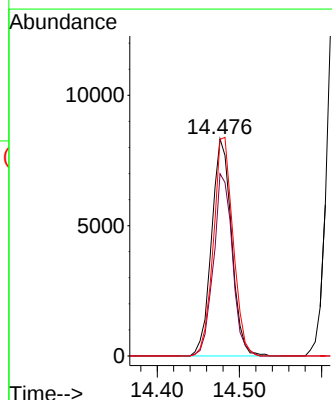
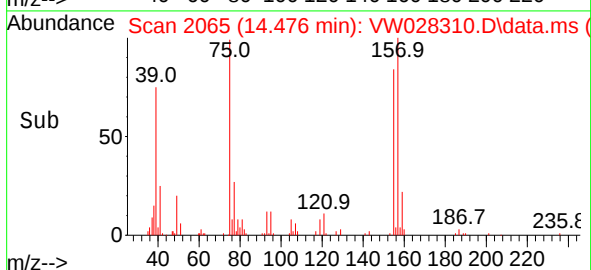
Tgt Ion:146 Resp: 213163
Ion Ratio Lower Upper
146 100
111 43.6 34.2 51.2
148 60.3 48.1 72.1

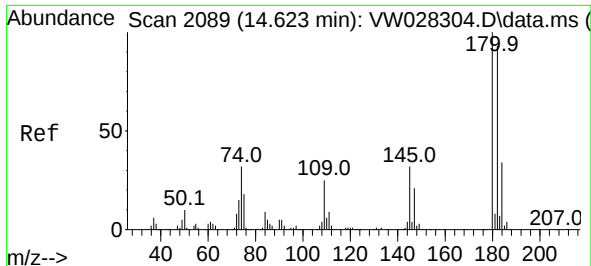


#68
1,2-Dibromo-3-chloropropane
Concen: 17.211 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29



Tgt Ion: 75 Resp: 14094
Ion Ratio Lower Upper
75 100
155 84.0 61.1 91.7
157 99.7 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 19.560 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

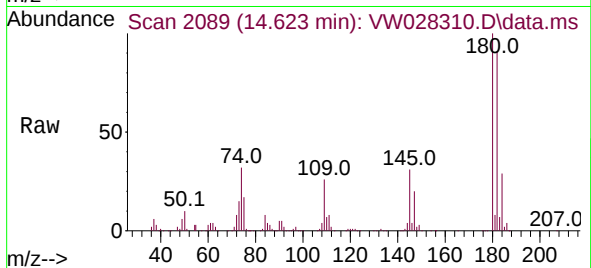
Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 164958

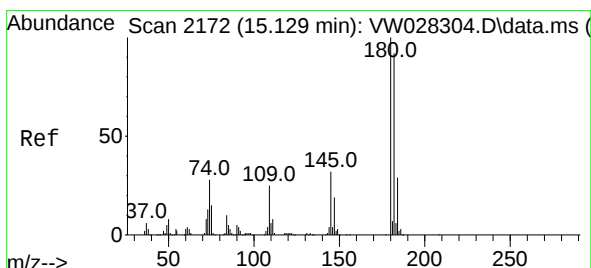
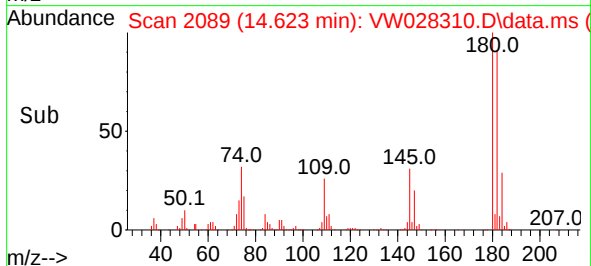
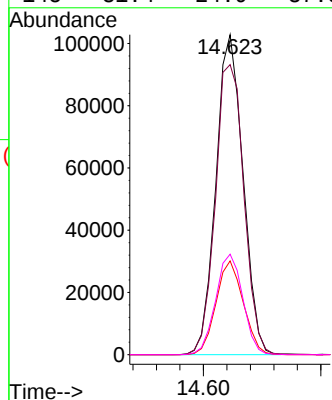
Ion Ratio Lower Upper

180 100

182 95.5 76.6 114.8

184 29.4 23.5 35.3

145 31.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 18.266 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028310.D

Acq: 04 Apr 2024 13:29

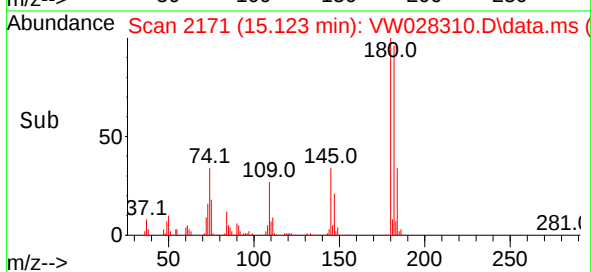
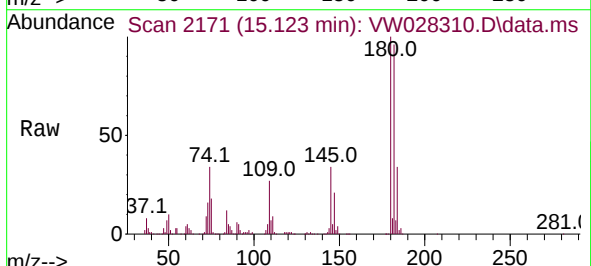
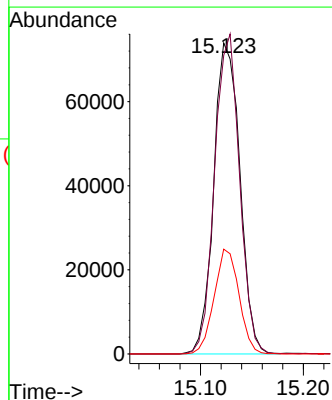
Tgt Ion:180 Resp: 130867

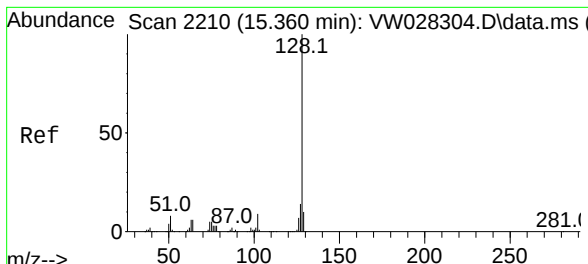
Ion Ratio Lower Upper

180 100

182 97.9 73.8 110.8

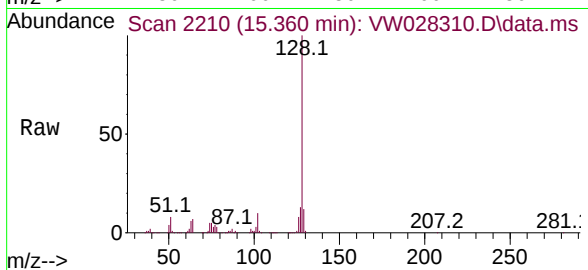
145 32.0 25.0 37.6



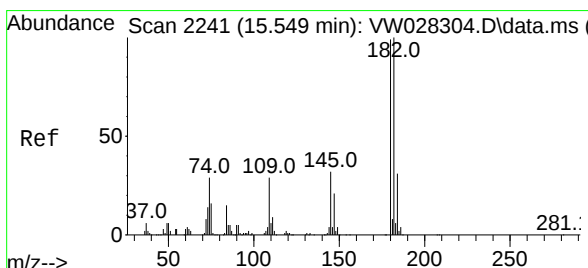
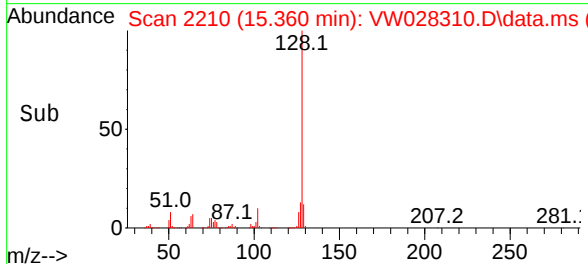
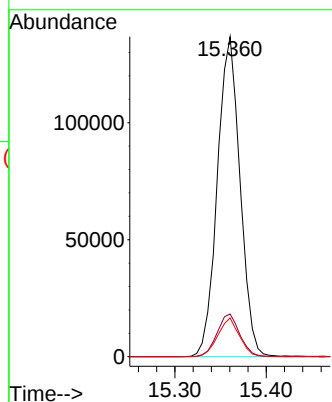


#71
Naphthalene
Concen: 19.211 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 236239
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 11.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 19.644 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028310.D
Acq: 04 Apr 2024 13:29

Tgt Ion:180 Resp: 116020
Ion Ratio Lower Upper
180 100
182 97.9 76.0 114.0
145 32.2 27.1 40.7

