

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032024\
 Data File : VW028219.D
 Acq On : 20 Mar 2024 15:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 21 01:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 21 01:12:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182548	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	165313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	48146	22.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
7) Chloroethane-d5	2.905	69	37388	25.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	4.021	65	33624	24.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.280%
21) 2-Butanone-d5	7.087	46	40188	63.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.580%
24) Chloroform-d	7.654	84	157459	29.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	8.307	65	88951	29.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.960%
32) Benzene-d6	8.276	84	298135	29.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.160%
36) 1,2-Dichloropropane-d6	9.270	67	86342	29.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.920%
41) Toluene-d8	10.325	98	275342	29.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.320%
43) trans-1,3-Dichloroprop...	10.575	79	39889	30.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.960%
47) 2-Hexanone-d5	10.922	63	32577	67.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.700%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69362	32.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	95963	30.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	48765	18.415	ug/L #	82
3) Chloromethane	2.229	50	39329	20.940	ug/L	99
5) Vinyl chloride	2.381	62	46298	21.807	ug/L	95
6) Bromomethane	2.796	94	29737	23.519	ug/L	93
8) Chloroethane	2.936	64	26343	23.085	ug/L	98
9) Trichlorofluoromethane	3.271	101	61918	24.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58886	23.093	ug/L	99
12) 1,1-Dichloroethene	4.045	96	57937	24.578	ug/L	88
13) Acetone	4.131	43	31084	44.440	ug/L	99
14) Carbon disulfide	4.399	76	169652	23.075	ug/L	99
15) Methyl Acetate	4.679	43	26926	24.992	ug/L	97
16) Methylene chloride	4.917	84	64513	23.220	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	62942	25.125	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	100478	26.584	ug/L	99
19) 1,1-Dichloroethane	6.222	63	122909	25.343	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	71151	26.298	ug/L	98
22) 2-Butanone	7.173	43	39165	49.317	ug/L	98
23) Bromochloromethane	7.514	128	29823	24.933	ug/L	94
25) Chloroform	7.679	83	128445	25.726	ug/L	99

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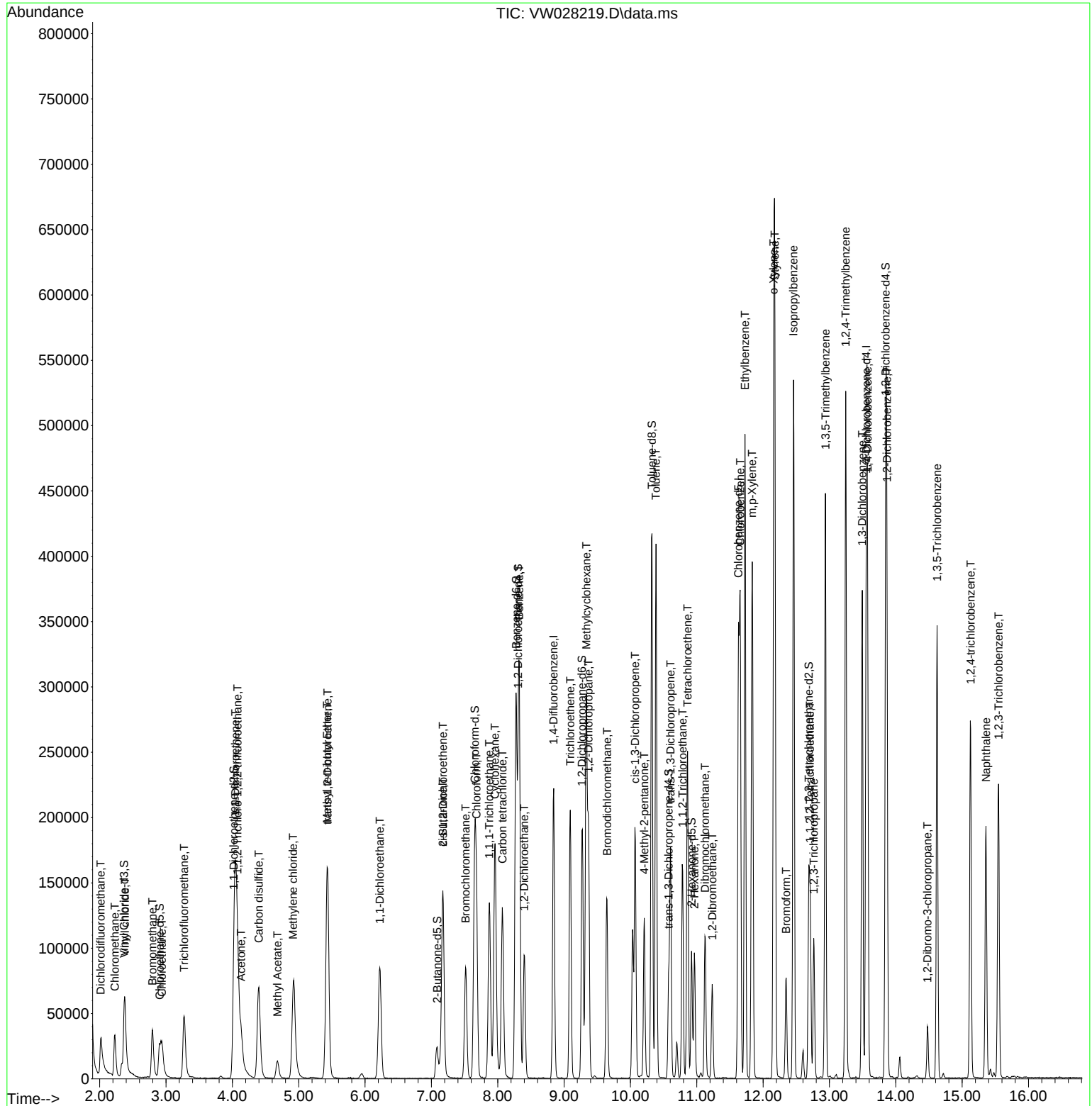
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91957	26.080	ug/L	97
29) Cyclohexane	7.959	56	105198	24.397	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	111400	25.707	ug/L	99
31) Carbon tetrachloride	8.069	117	103321	25.419	ug/L	98
33) Benzene	8.325	78	263887	25.941	ug/L	100
34) Trichloroethene	9.093	95	71809	25.302	ug/L	97
35) Methylcyclohexane	9.337	83	119025	24.811	ug/L	98
37) 1,2-Dichloropropane	9.367	63	67166	25.814	ug/L	100
38) Bromodichloromethane	9.648	83	92942	26.494	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	111415	26.738	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	77339	53.849	ug/L	97
42) Toluene	10.386	91	287687	25.913	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	94233	26.785	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	50312	26.763	ug/L	97
46) Tetrachloroethene	10.861	164	56324	24.620	ug/L	99
48) 2-Hexanone	10.965	43	57814	51.388	ug/L	96
49) Dibromochloromethane	11.123	129	58732	26.379	ug/L	99
50) 1,2-Dibromoethane	11.233	107	47353	26.343	ug/L	99
51) Chlorobenzene	11.654	112	180868	25.666	ug/L	95
52) Ethylbenzene	11.727	91	331462	25.575	ug/L	98
53) m,p-Xylene	11.837	106	125567	25.746	ug/L	95
54) o-Xylene	12.160	106	120244	26.587	ug/L	91
55) Styrene	12.178	104	208693	26.864	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	57951	26.950	ug/L	93
59) Bromoform	12.349	173	36673	27.954	ug/L	95
60) Isopropylbenzene	12.458	105	339187	26.075	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42793	25.611	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	233586	26.763	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	280828	26.647	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	148577	25.603	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	152354	26.255	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	133580	26.730	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10091	25.709	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	103475	25.598	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	85713	24.960	ug/L	96
71) Naphthalene	15.360	128	158834	26.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74216	26.216	ug/L	97

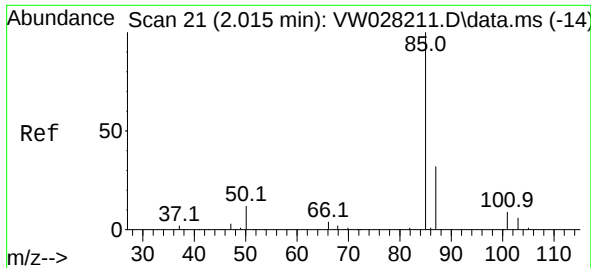
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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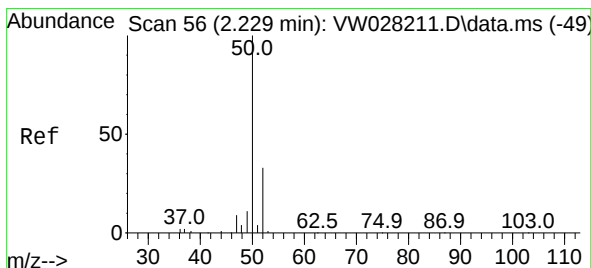
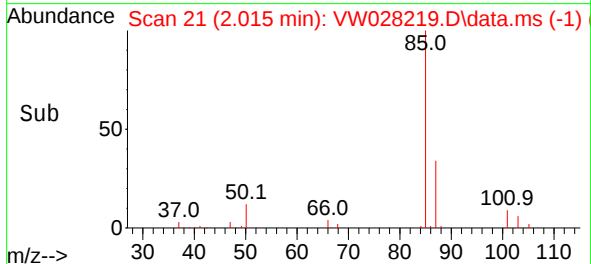
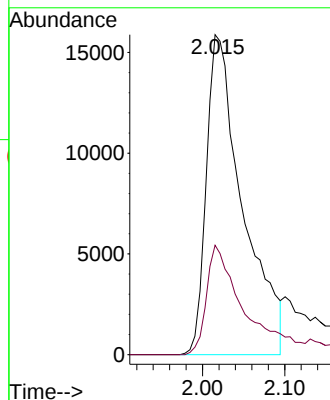
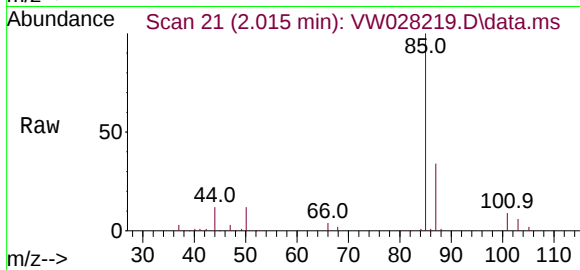




#2
 Dichlorodifluoromethane
 Concen: 18.415 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028219.D
 Acq: 20 Mar 2024 15:30

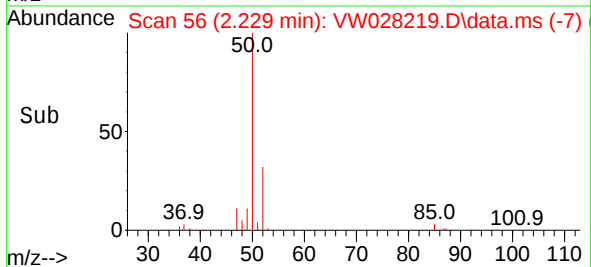
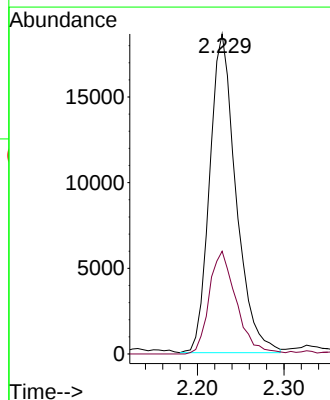
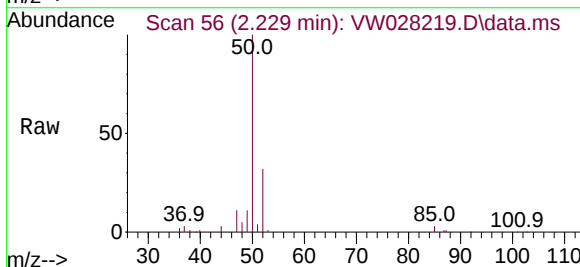
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 MSVOA_W
 ClientSampleId :

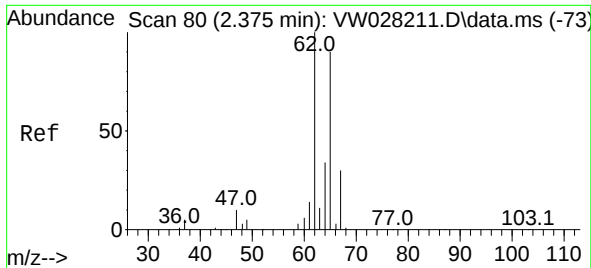
Tgt Ion: 85 Resp: 48765
 Ion Ratio Lower Upper
 85 100
 87 35.4 20.9 31.3#



#3
 Chloromethane
 Concen: 20.940 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW028219.D
 Acq: 20 Mar 2024 15:30

Tgt Ion: 50 Resp: 39329
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.7 42.1

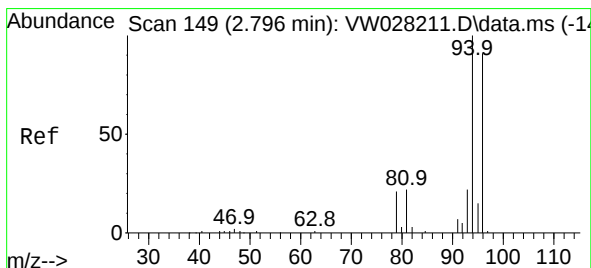
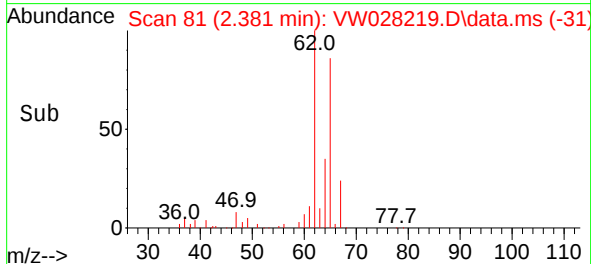
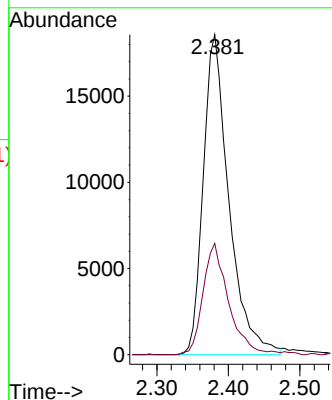
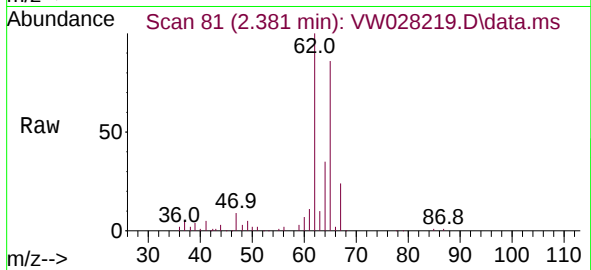




#5
 Vinyl chloride
 Concen: 21.807 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028219.D
 Acq: 20 Mar 2024 15:30

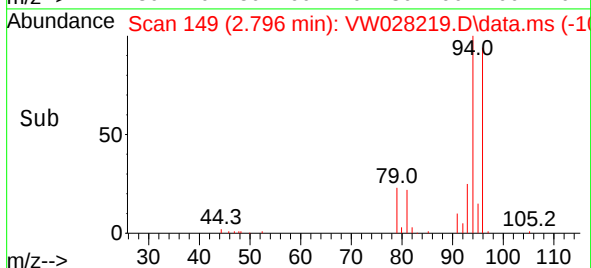
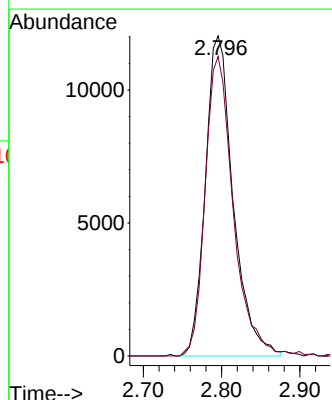
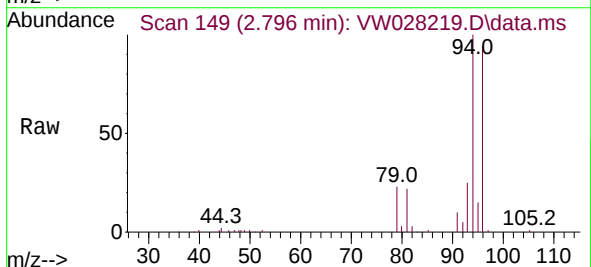
Instrument :
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 ClientSampleId :

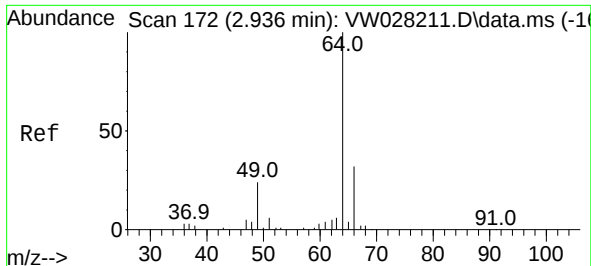
Tgt Ion: 62 Resp: 46298
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.5 41.7



#6
 Bromomethane
 Concen: 23.519 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028219.D
 Acq: 20 Mar 2024 15:30

Tgt Ion: 94 Resp: 29737
 Ion Ratio Lower Upper
 94 100
 96 93.6 60.8 113.0

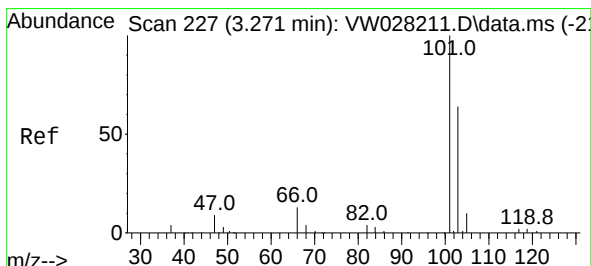
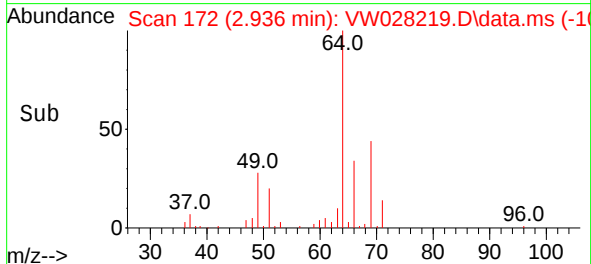
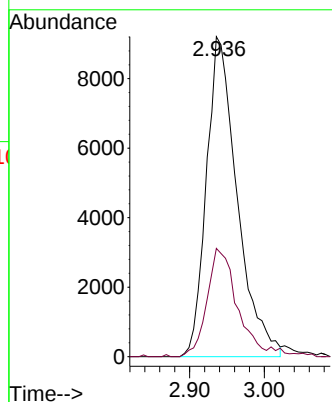
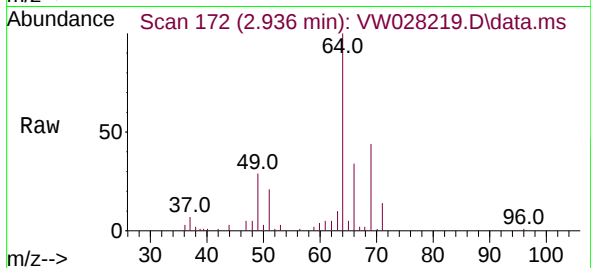




#8
Chloroethane
Concen: 23.085 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

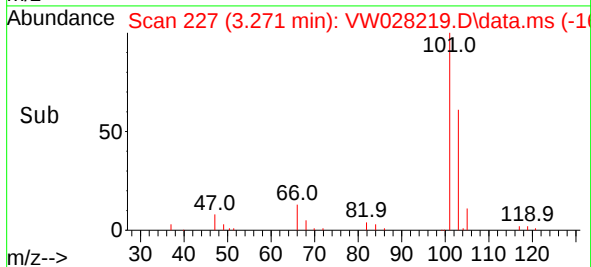
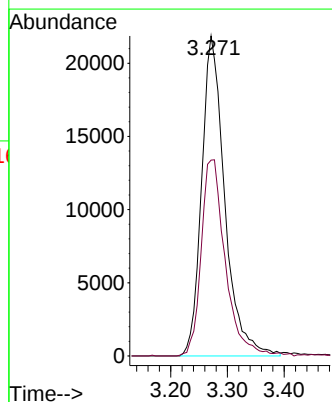
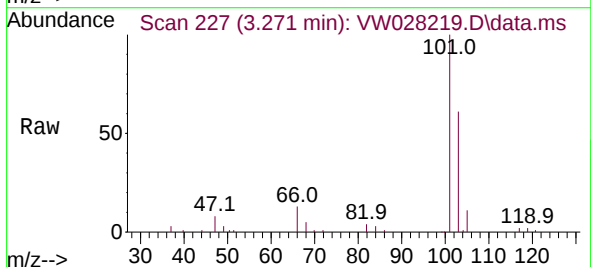
Instrument :
MSVOA_W
ClientSampleId :

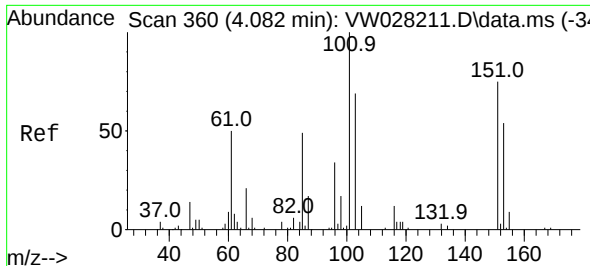
Tgt Ion: 64 Resp: 26343
Ion Ratio Lower Upper
64 100
66 33.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.122 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion:101 Resp: 61918
Ion Ratio Lower Upper
101 100
103 63.1 50.9 76.3





#10

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

Concen: 23.093 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

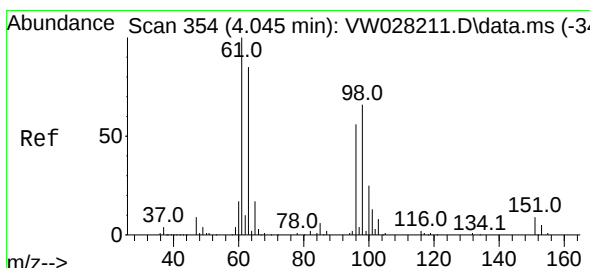
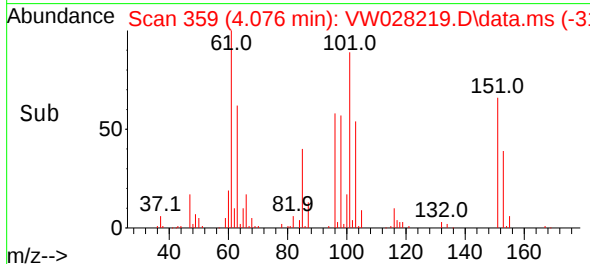
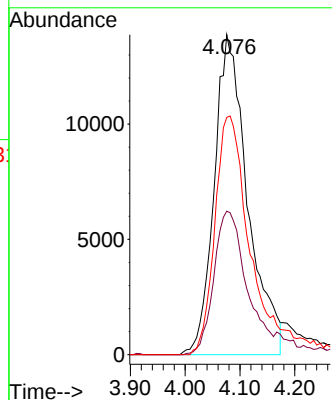
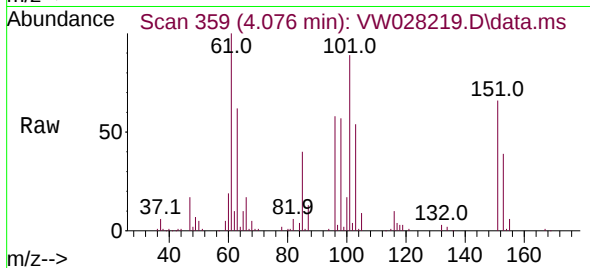
Tgt Ion:101 Resp: 58886

Ion Ratio Lower Upper

101 100

85 44.1 36.4 54.6

151 72.3 58.4 87.6



#12

1,1-Dichloroethene

Concen: 24.578 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

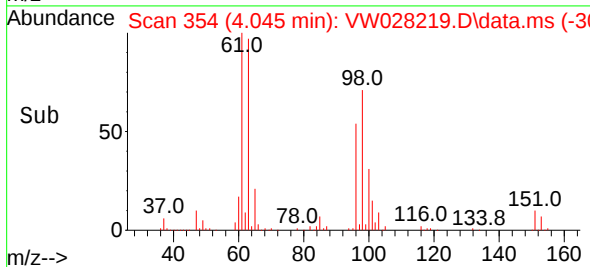
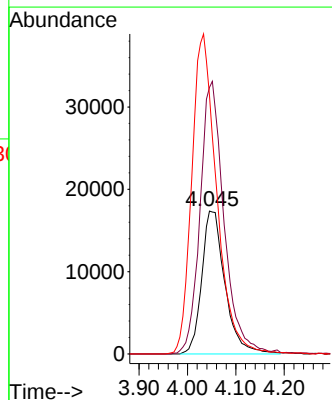
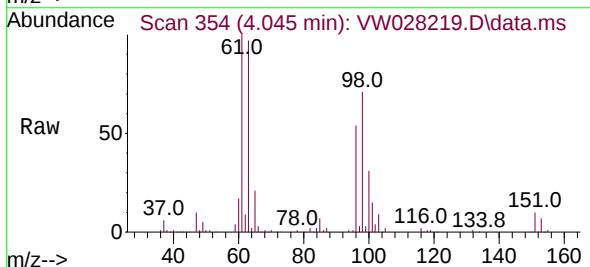
Tgt Ion: 96 Resp: 57937

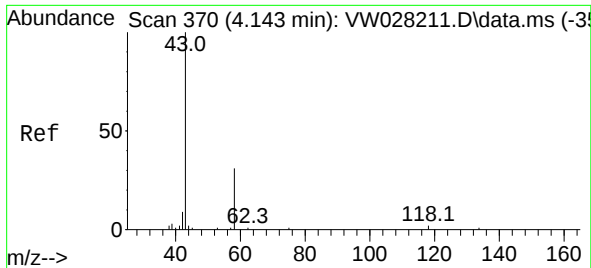
Ion Ratio Lower Upper

96 100

61 186.5 132.2 245.4

63 180.9 104.6 194.2

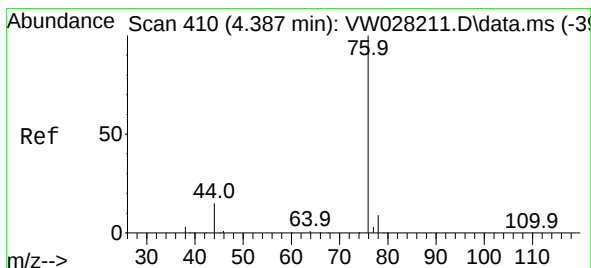
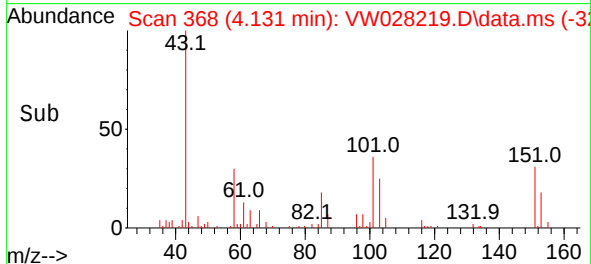
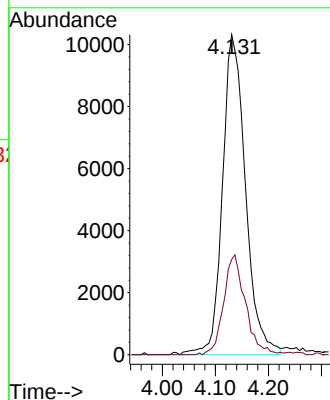
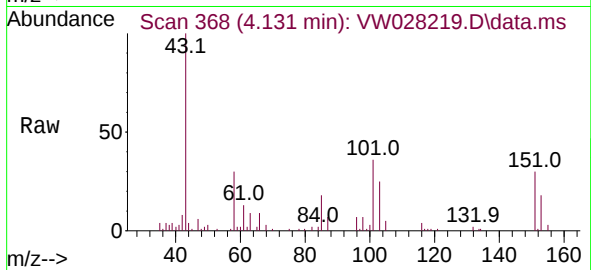




#13
Acetone
Concen: 44.440 ug/L
RT: 4.131 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

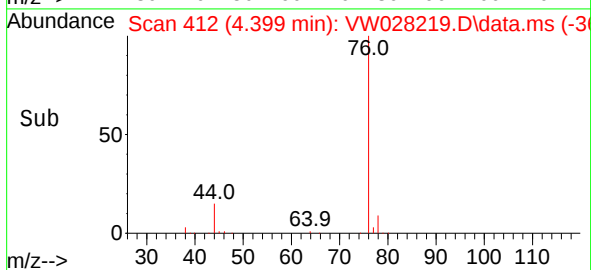
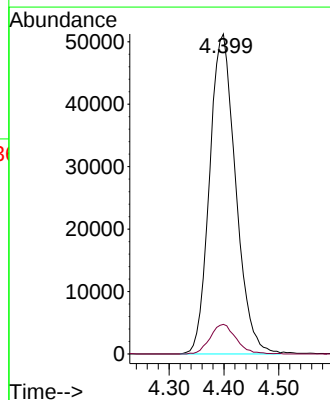
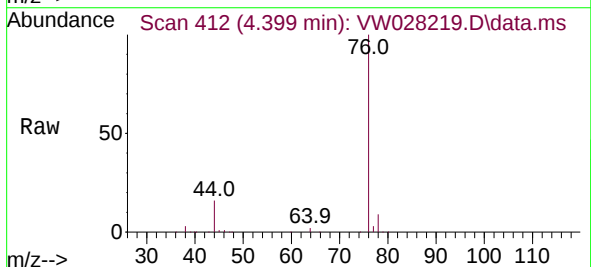
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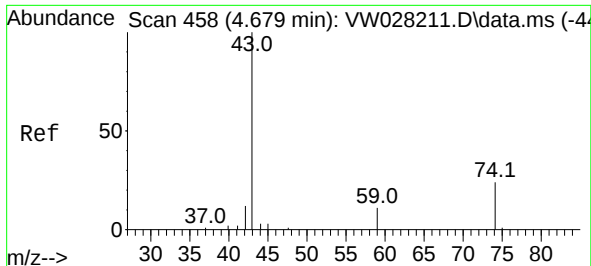
Tgt Ion: 43 Resp: 31084
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.8



#14
Carbon disulfide
Concen: 23.075 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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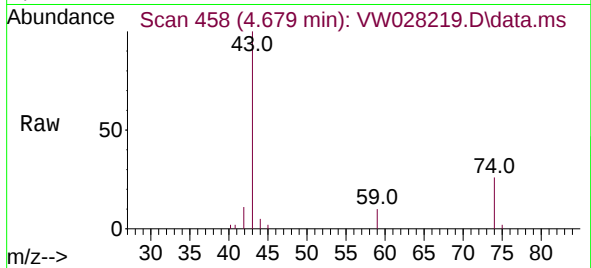
Tgt Ion: 76 Resp: 169652
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



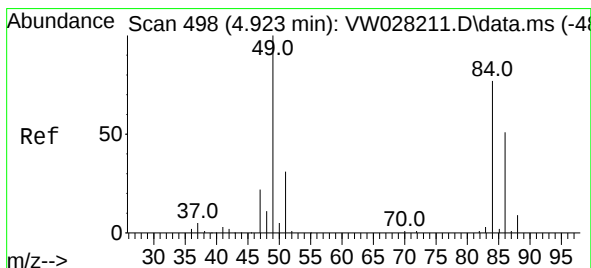
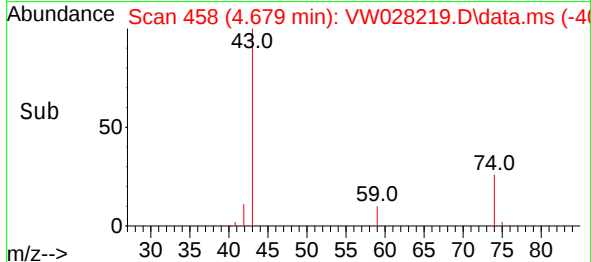
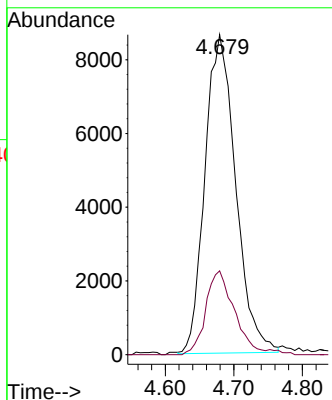


#15
Methyl Acetate
Concen: 24.992 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Instrument :
MSVOA_W
ClientSampleId :

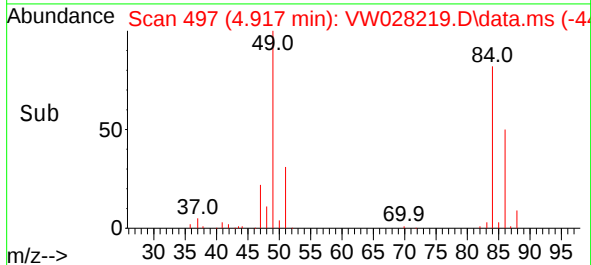
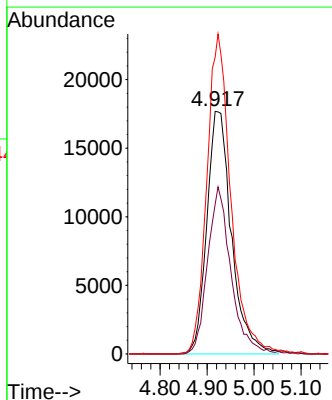
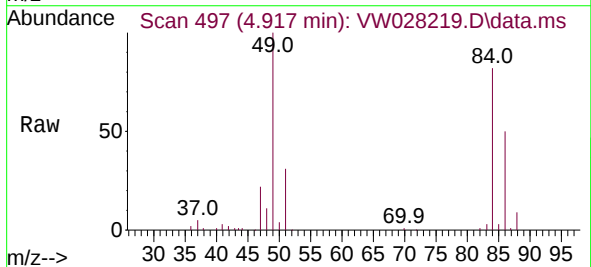


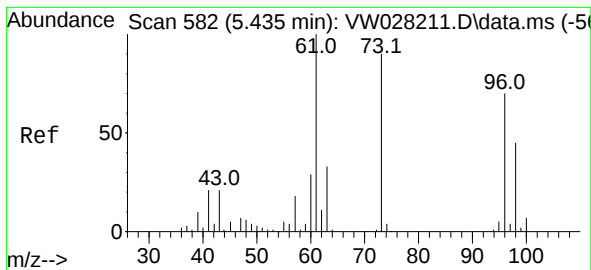
Tgt Ion: 43 Resp: 26926
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.2



#16
Methylene chloride
Concen: 23.220 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 84 Resp: 64513
Ion Ratio Lower Upper
84 100
86 61.7 43.1 80.1
49 122.3 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 25.125 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

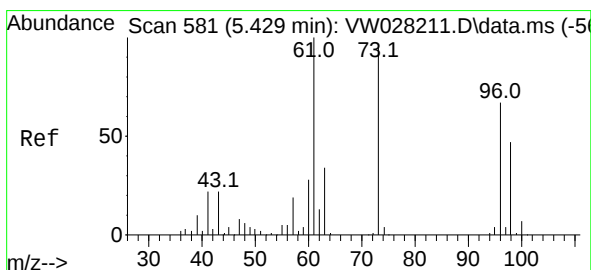
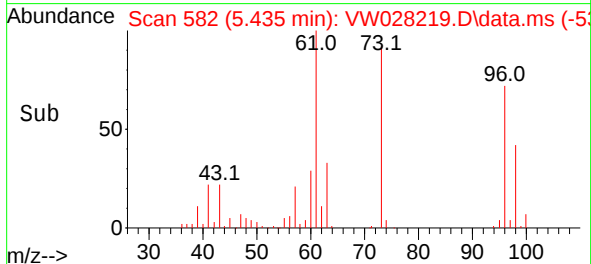
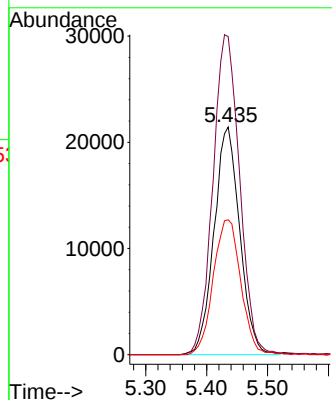
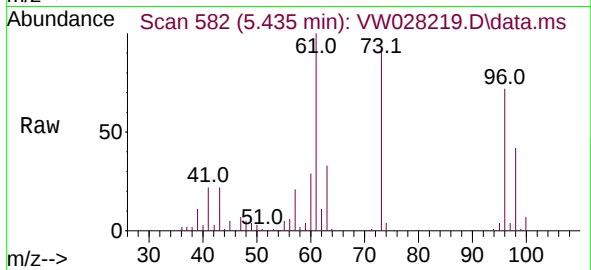
Tgt Ion: 96 Resp: 62942

Ion Ratio Lower Upper

96 100

61 139.7 98.4 182.8

98 59.2 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 26.584 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

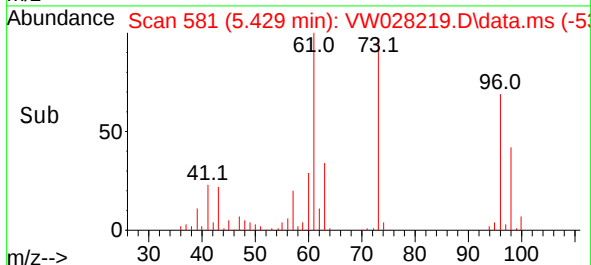
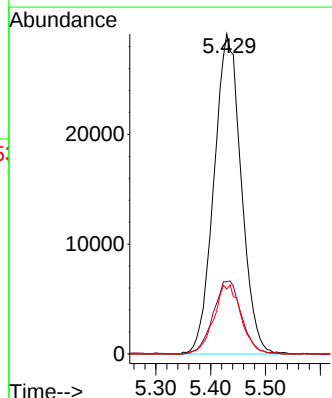
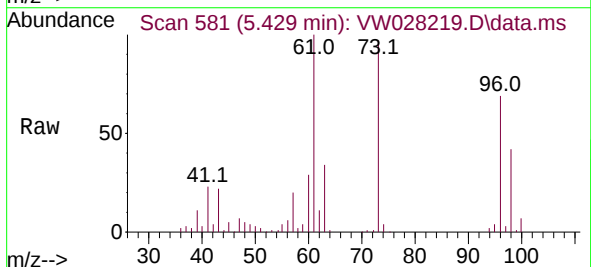
Tgt Ion: 73 Resp: 100478

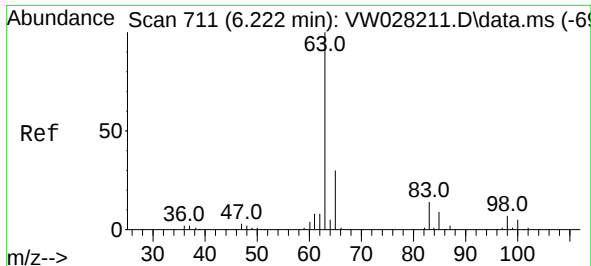
Ion Ratio Lower Upper

73 100

43 23.6 18.2 27.4

57 21.6 17.4 26.2

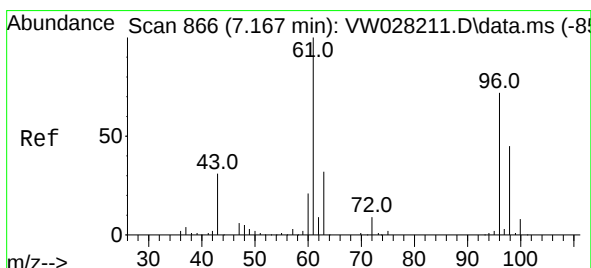
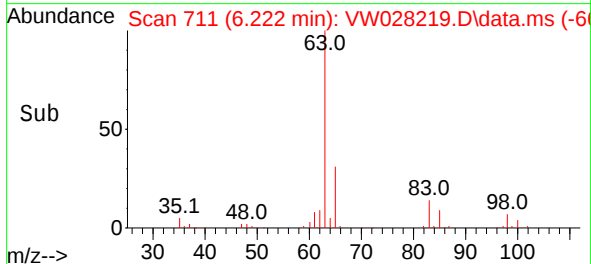
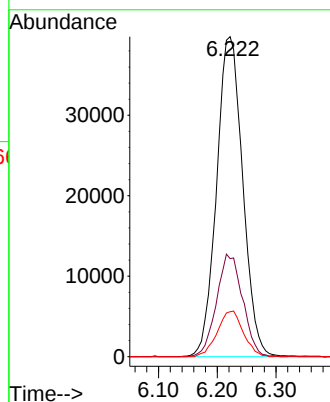
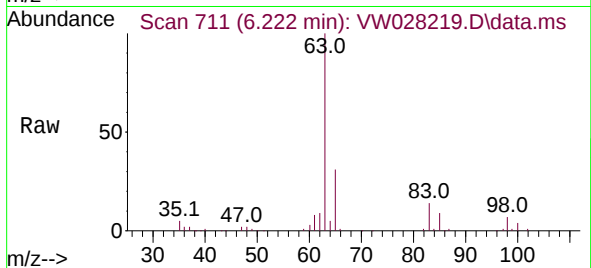




#19
1,1-Dichloroethane
Concen: 25.343 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

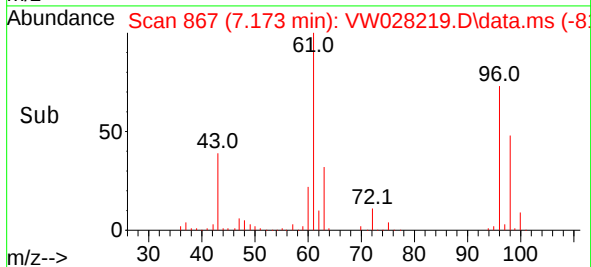
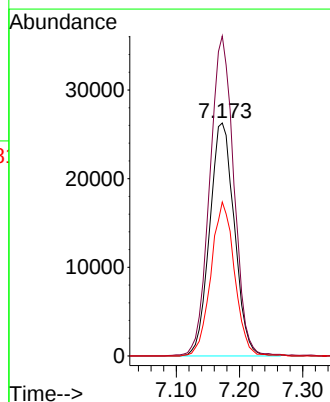
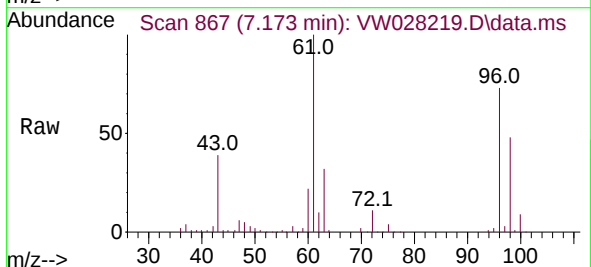
Instrument :
MSVOA_W
ClientSampleId :

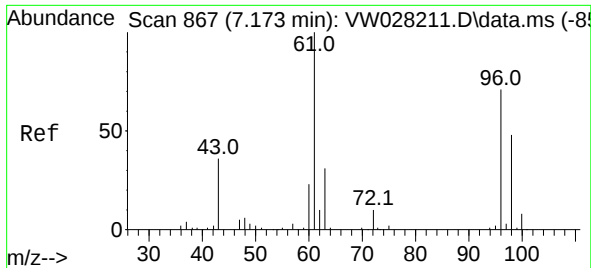
Tgt Ion: 63 Resp: 122909
Ion Ratio Lower Upper
63 100
65 30.7 22.1 41.1
83 14.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 26.298 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 96 Resp: 71151
Ion Ratio Lower Upper
96 100
61 137.4 95.7 177.7
98 66.1 43.9 81.5





#22

2-Butanone

Concen: 49.317 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

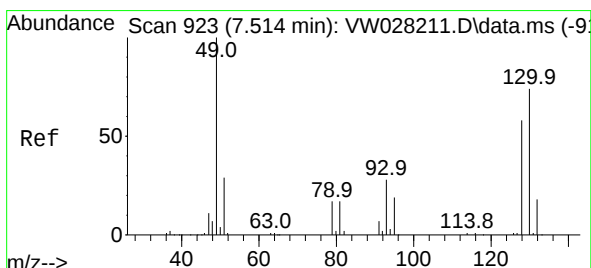
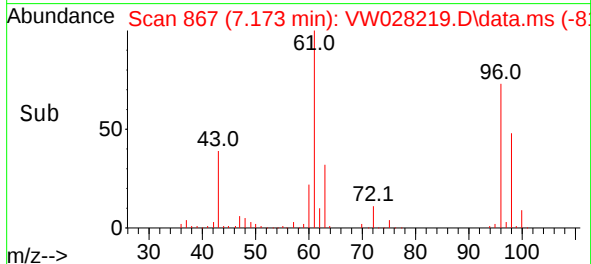
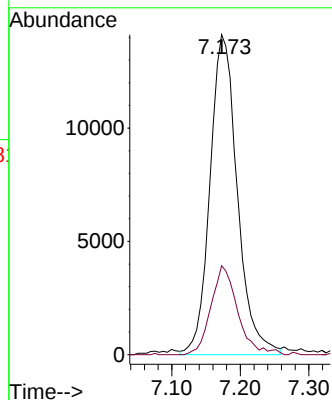
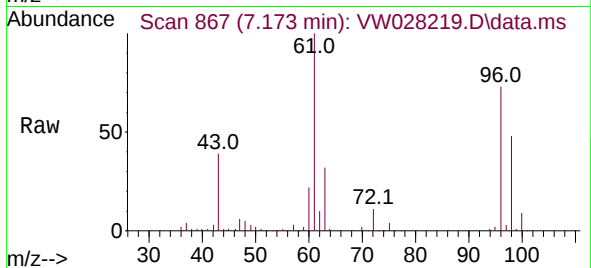
ClientSampleId :

Tgt Ion: 43 Resp: 39165

Ion Ratio Lower Upper

43 100

72 26.6 12.8 38.4



#23

Bromochloromethane

Concen: 24.933 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Tgt Ion: 128 Resp: 29823

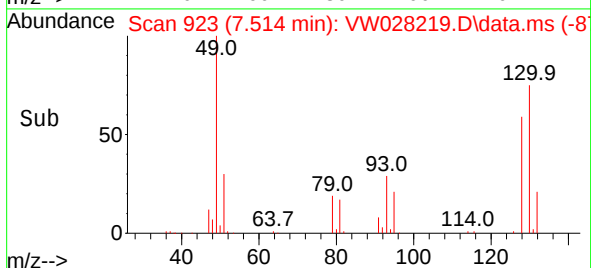
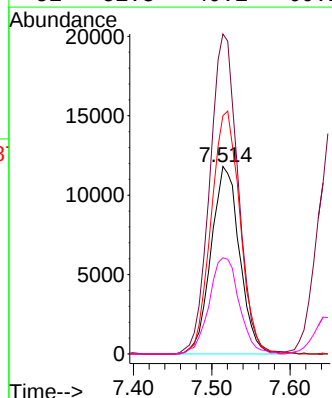
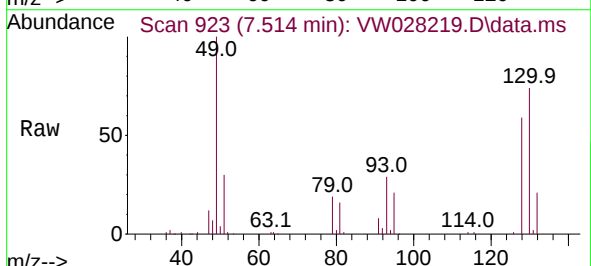
Ion Ratio Lower Upper

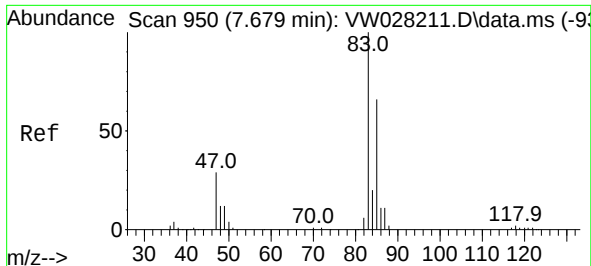
128 100

49 170.7 116.6 216.6

130 127.1 80.1 148.7

51 51.3 40.1 60.1





#25

Chloroform

Concen: 25.726 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

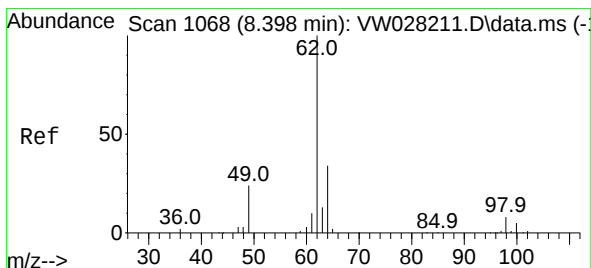
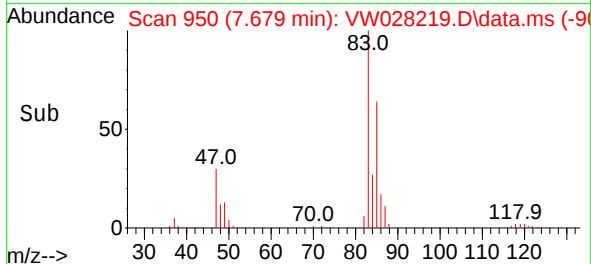
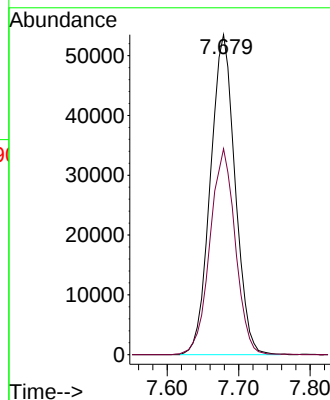
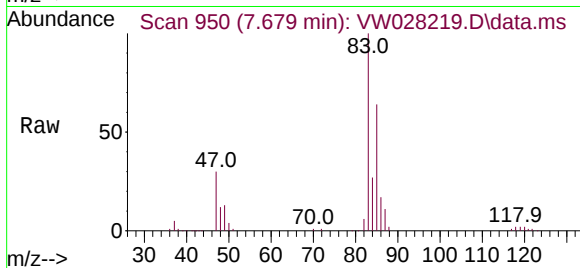
ClientSampleId :

Tgt Ion: 83 Resp: 128445

Ion Ratio Lower Upper

83 100

85 64.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 26.080 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028219.D

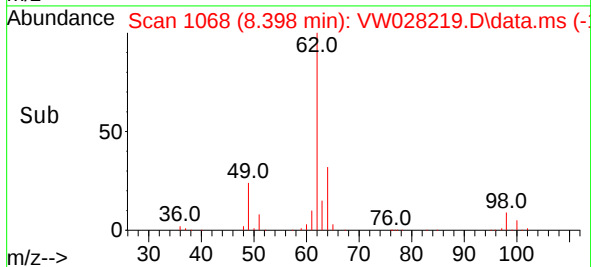
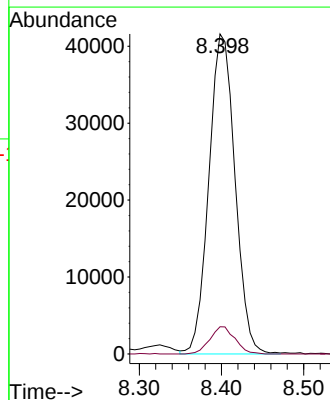
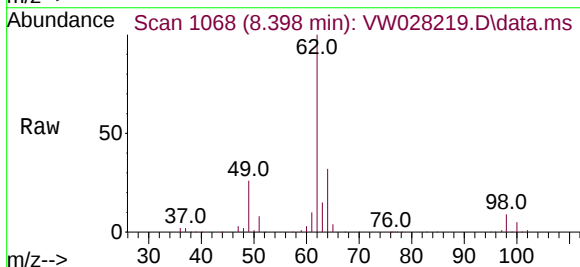
Acq: 20 Mar 2024 15:30

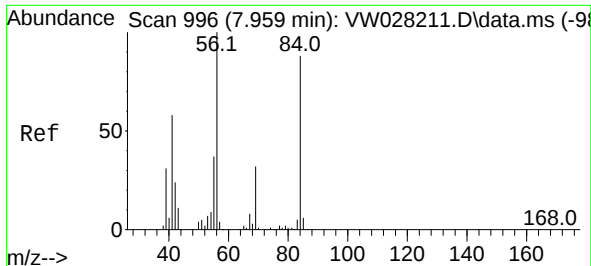
Tgt Ion: 62 Resp: 91957

Ion Ratio Lower Upper

62 100

98 8.5 5.9 8.9





#29

Cyclohexane

Concen: 24.397 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

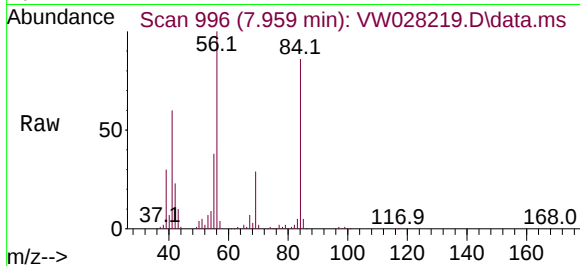
Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :



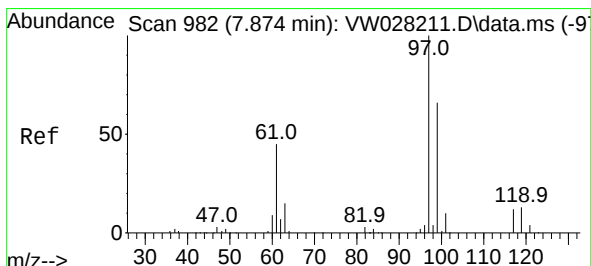
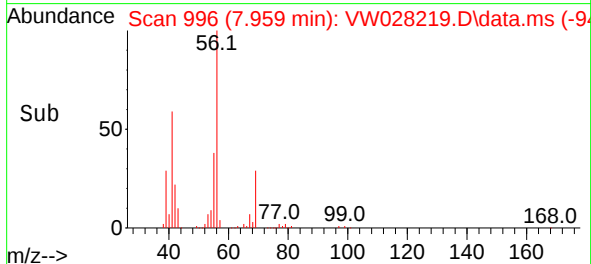
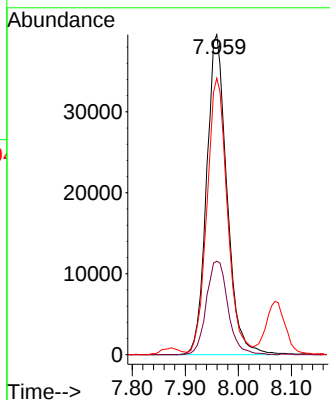
Tgt Ion: 56 Resp: 105198

Ion Ratio Lower Upper

56 100

69 31.1 24.0 36.0

84 86.9 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 25.707 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

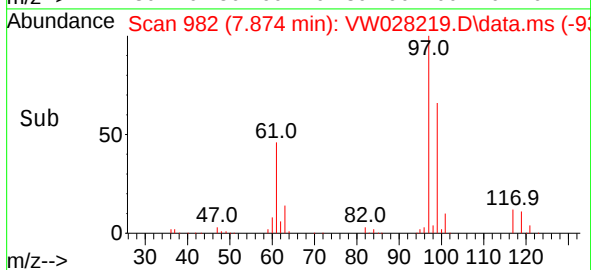
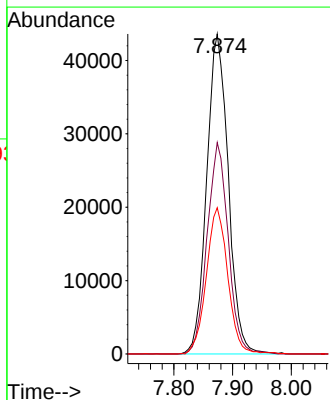
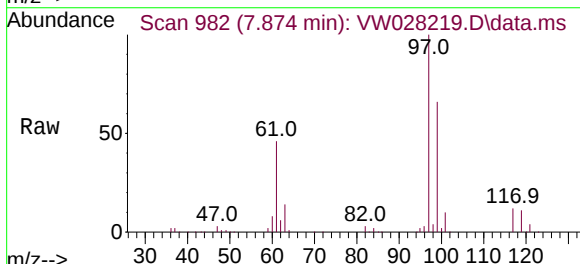
Tgt Ion: 97 Resp: 111400

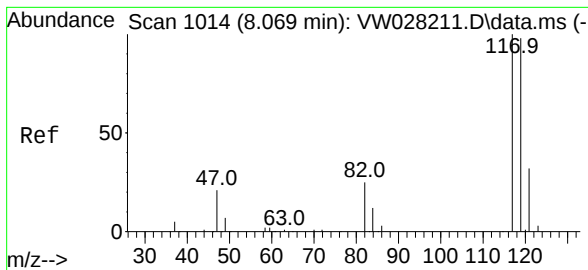
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.3 37.0 55.6

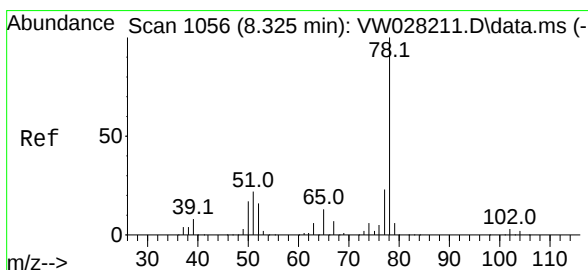
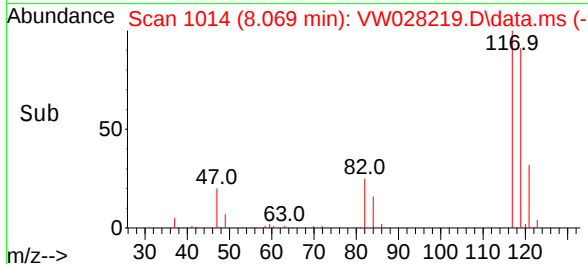
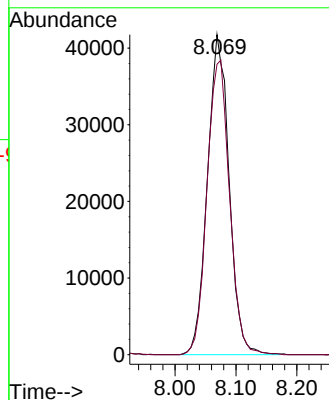
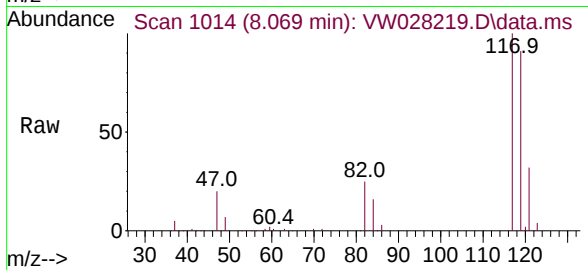




#31
Carbon tetrachloride
Concen: 25.419 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

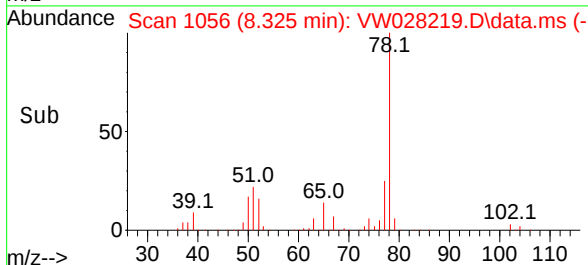
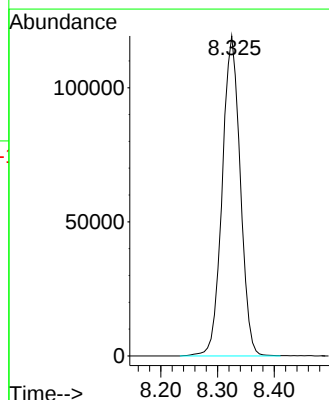
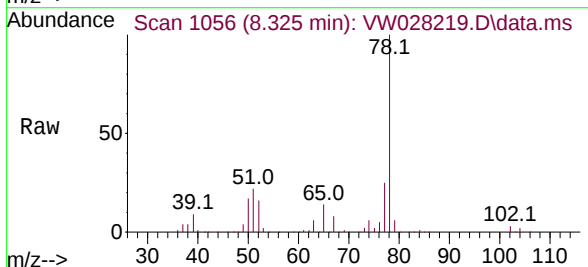
Instrument :
MSVOA_W
ClientSampleId :

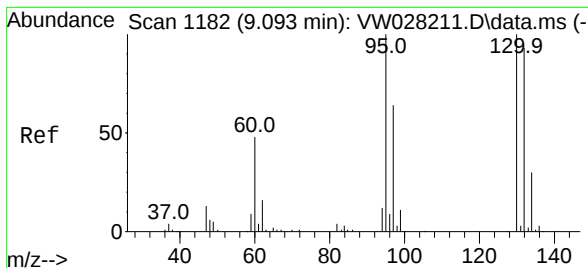
Tgt Ion:117 Resp: 103321
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 25.941 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 78 Resp: 263887





#34

Trichloroethene

Concen: 25.302 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 71809

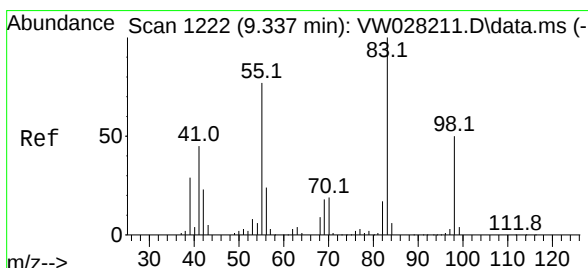
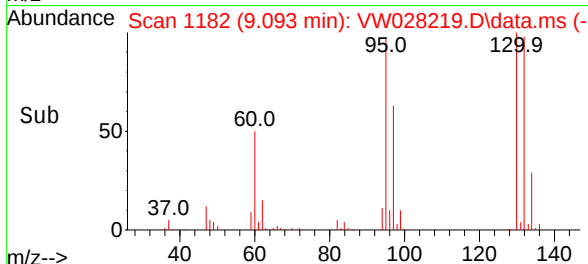
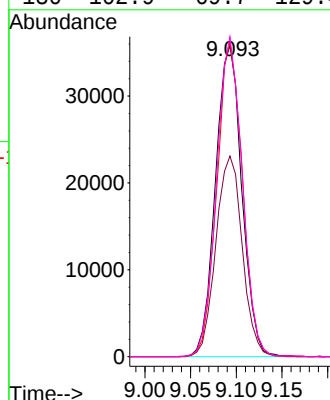
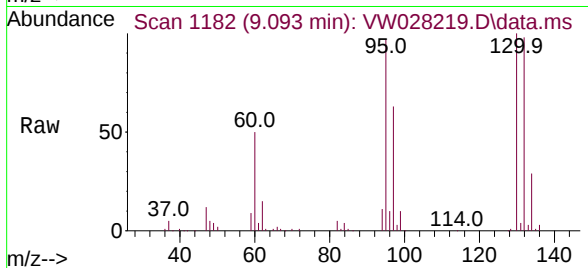
Ion Ratio Lower Upper

95 100

97 64.5 42.4 78.6

132 101.2 69.4 128.8

130 102.9 69.7 129.4



#35

Methylcyclohexane

Concen: 24.811 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

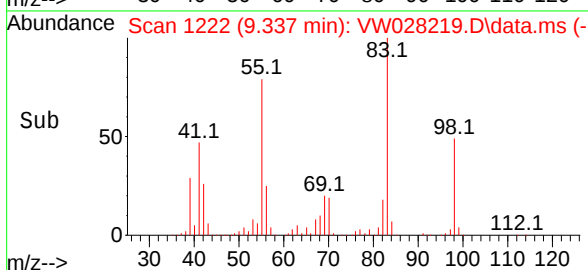
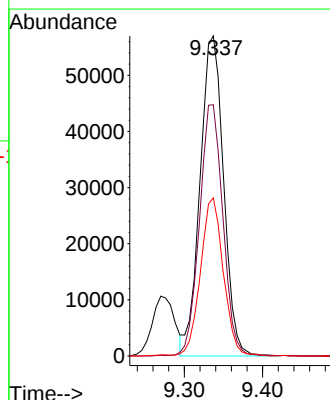
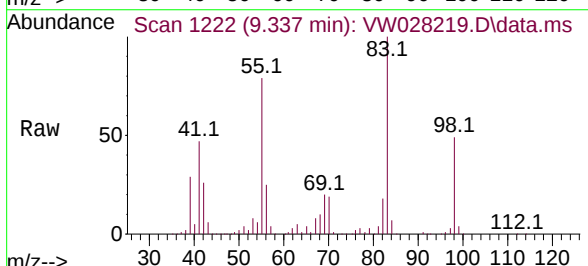
Tgt Ion: 83 Resp: 119025

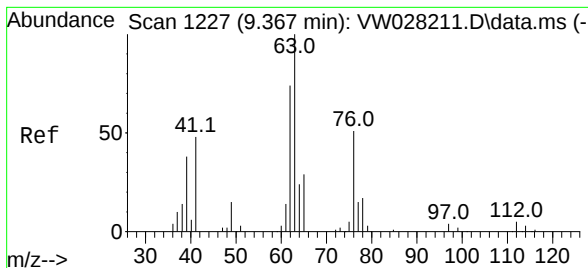
Ion Ratio Lower Upper

83 100

55 77.9 64.2 96.4

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.814 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

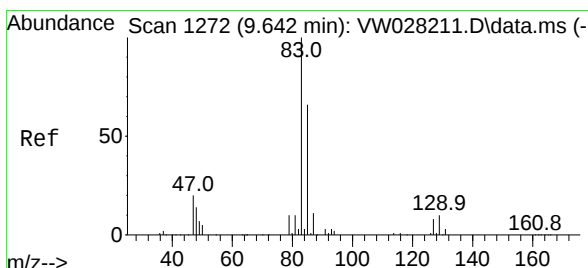
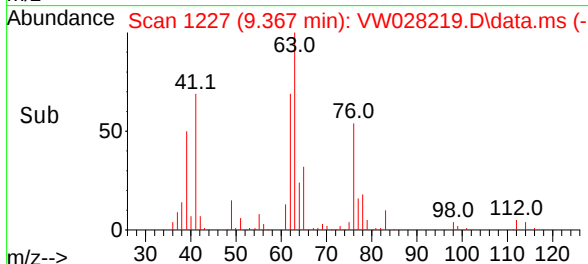
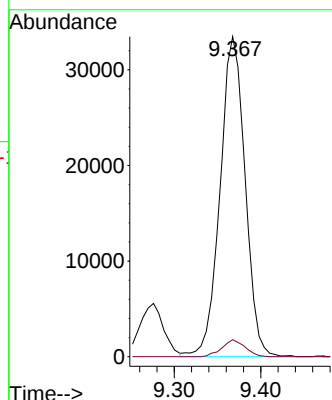
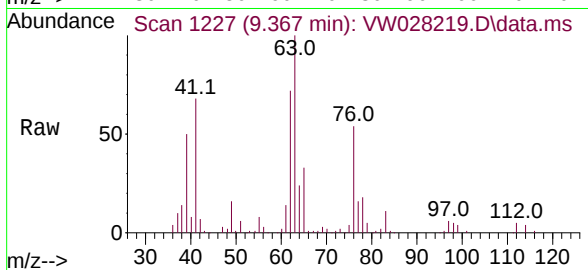
ClientSampleId :

Tgt Ion: 63 Resp: 67166

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 26.494 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

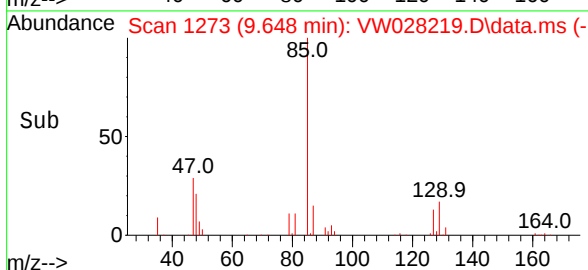
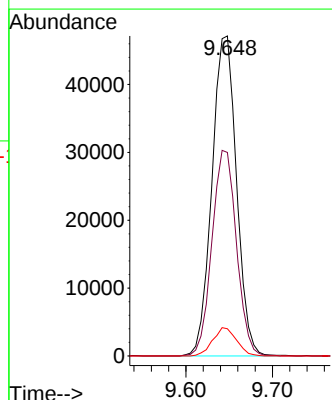
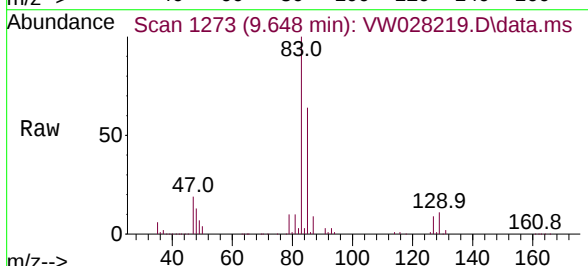
Tgt Ion: 83 Resp: 92942

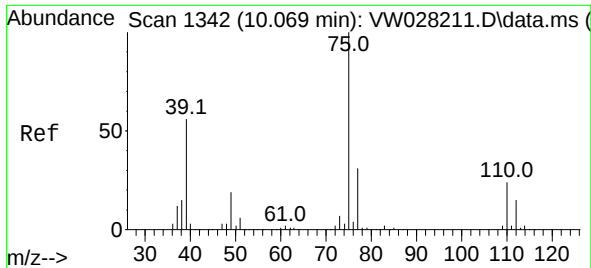
Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.2

127 8.5 6.5 9.7

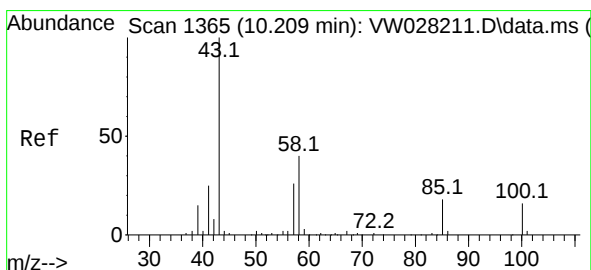
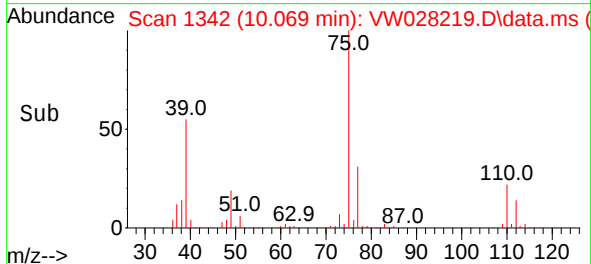
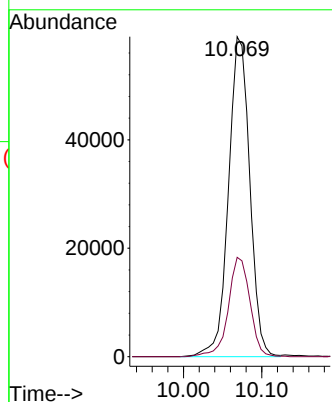
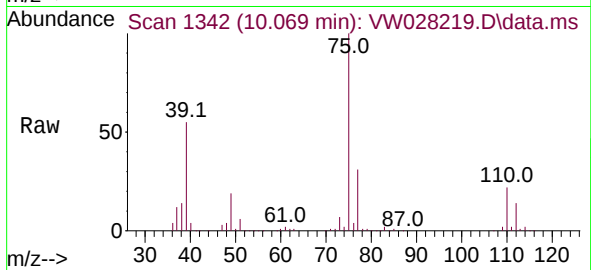




#39
cis-1,3-Dichloropropene
Concen: 26.738 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

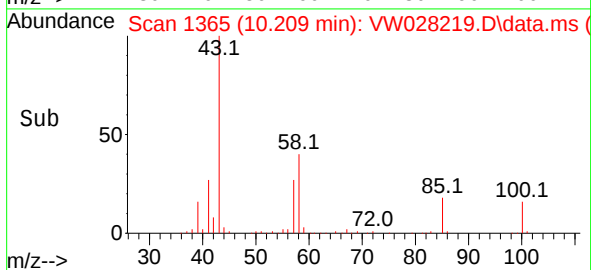
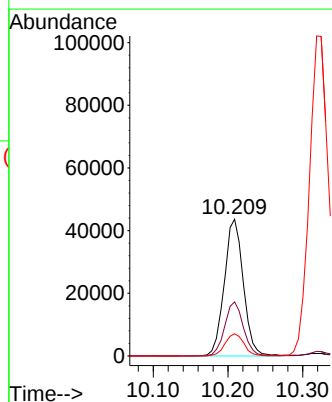
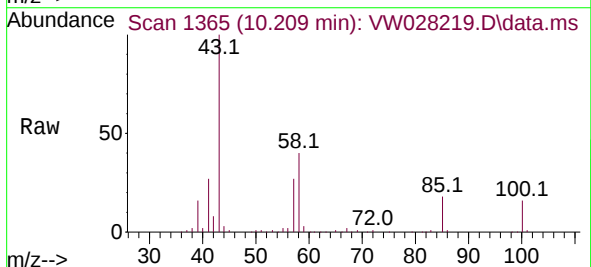
Instrument :
MSVOA_W
ClientSampleId :

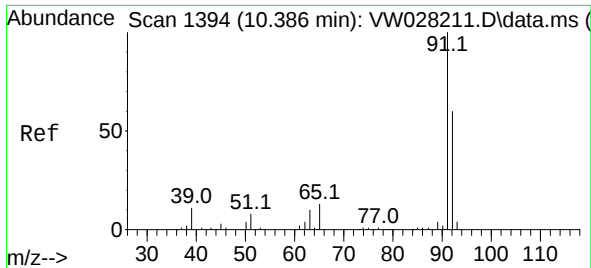
Tgt Ion: 75 Resp: 111415
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 53.849 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 43 Resp: 77339
Ion Ratio Lower Upper
43 100
58 39.1 30.1 45.1
100 16.1 11.8 17.8

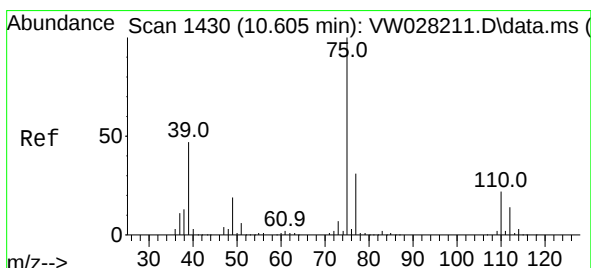
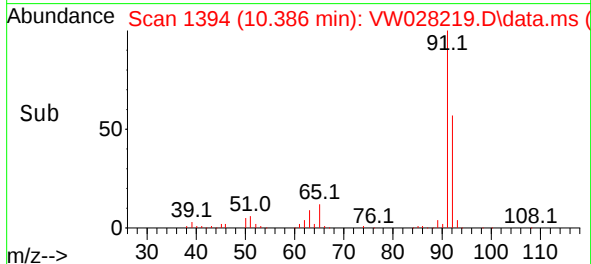
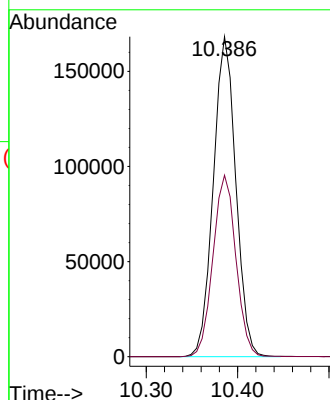
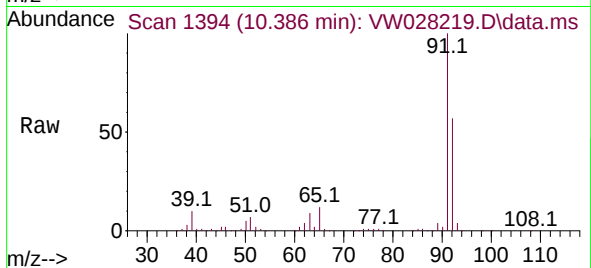




#42
Toluene
Concen: 25.913 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

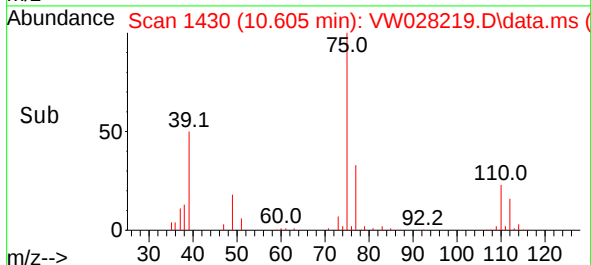
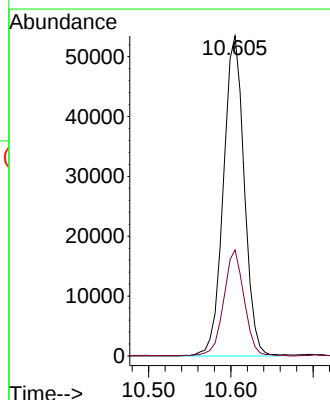
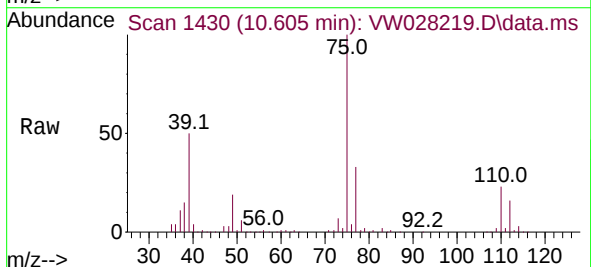
Instrument :
MSVOA_W
ClientSampleId :

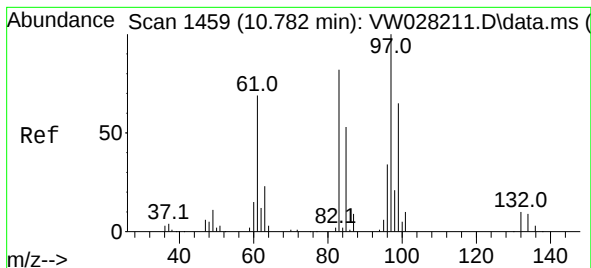
Tgt Ion: 91 Resp: 287687
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.785 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 75 Resp: 94233
Ion Ratio Lower Upper
75 100
77 33.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 26.763 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 50312

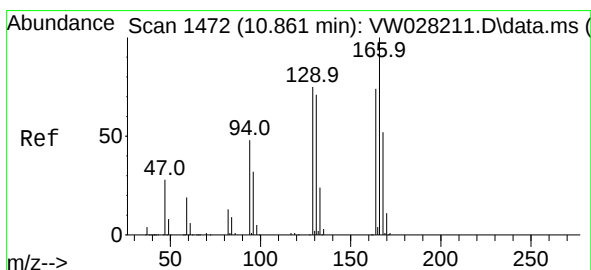
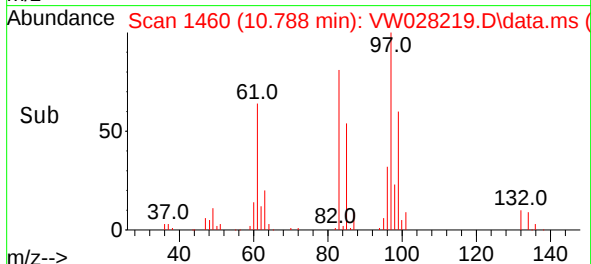
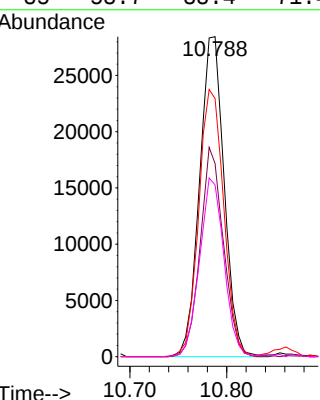
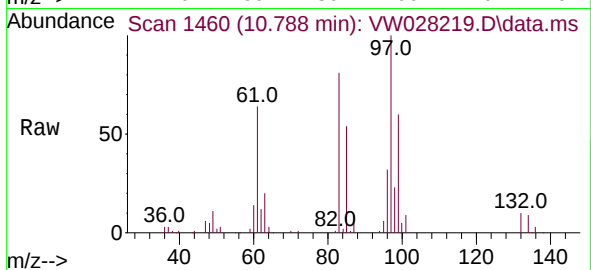
Ion Ratio Lower Upper

97 100

99 60.3 43.4 80.6

83 80.7 59.4 110.4

85 53.7 38.4 71.4



#46

Tetrachloroethene

Concen: 24.620 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Tgt Ion:164 Resp: 56324

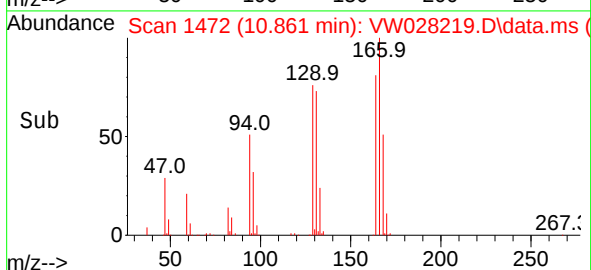
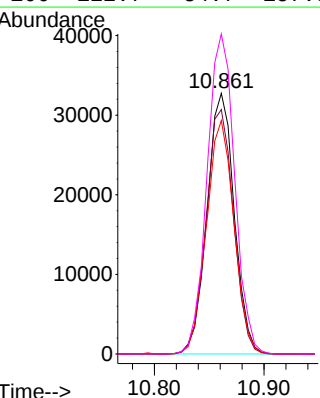
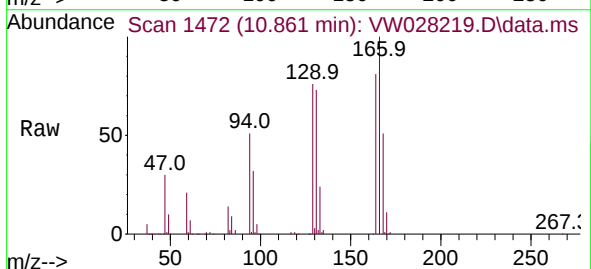
Ion Ratio Lower Upper

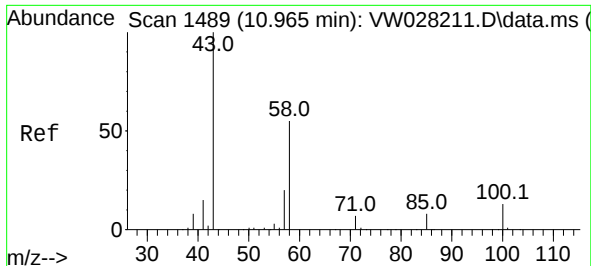
164 100

129 93.7 64.0 119.0

131 89.5 62.6 116.3

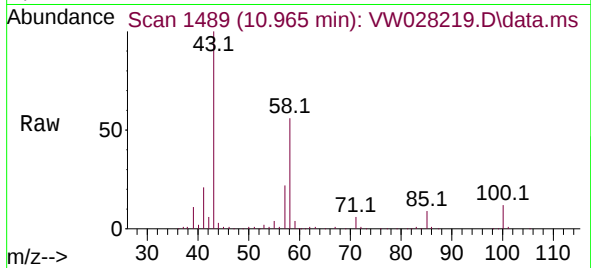
166 122.7 84.7 157.3



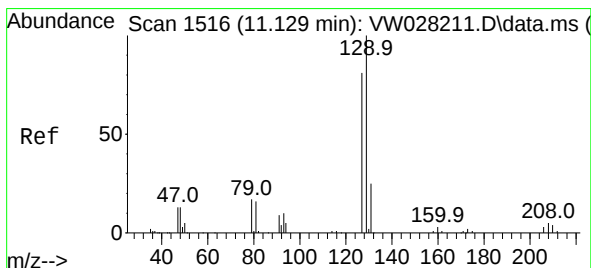
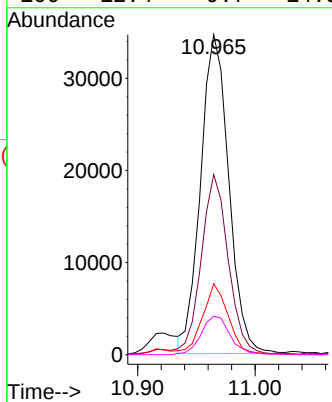
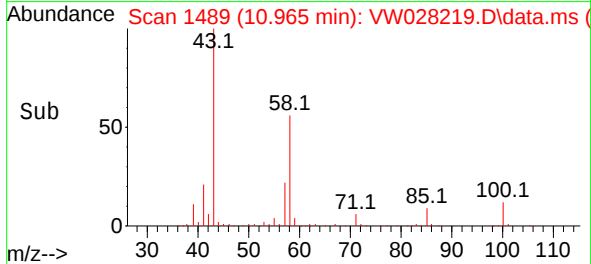


#48
2-Hexanone
Concen: 51.388 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Instrument :
MSVOA_W
ClientSampleId :

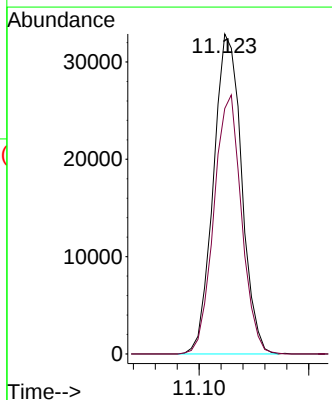
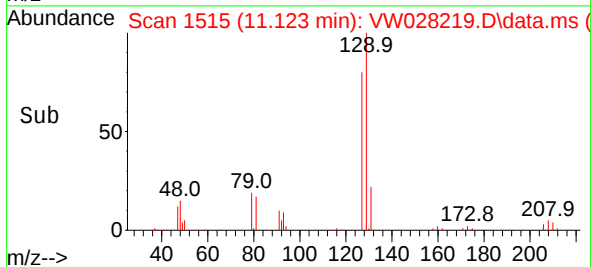
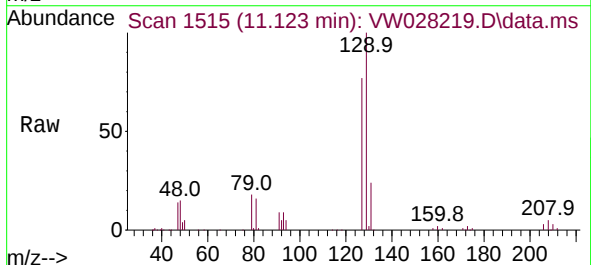


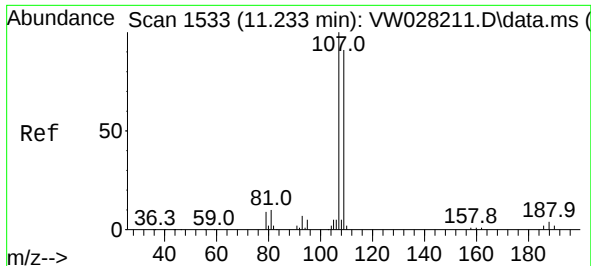
Tgt Ion: 43 Resp: 57814
Ion Ratio Lower Upper
43 100
58 54.4 40.6 61.0
57 20.8 15.7 23.5
100 12.4 9.7 14.5



#49
Dibromochloromethane
Concen: 26.379 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 129 Resp: 58732
Ion Ratio Lower Upper
129 100
127 76.7 53.1 98.7





#50

1,2-Dibromoethane

Concen: 26.343 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

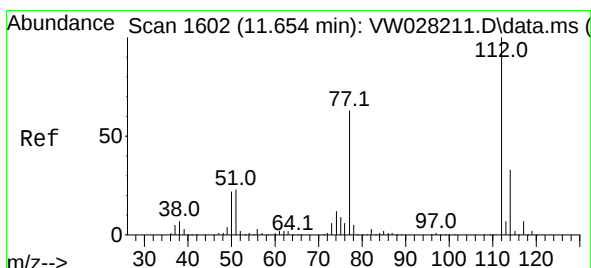
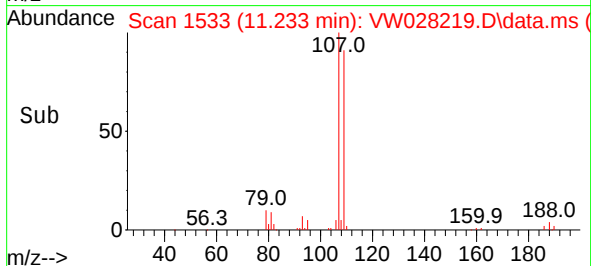
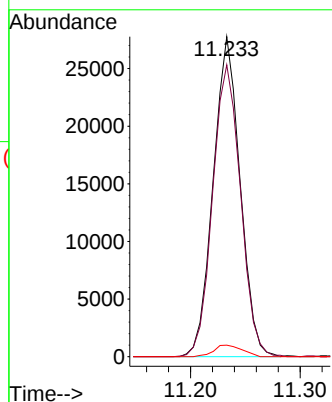
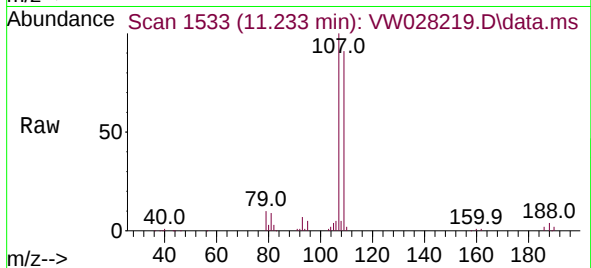
Tgt Ion:107 Resp: 47353

Ion Ratio Lower Upper

107 100

109 91.2 64.4 119.6

188 3.6 3.4 5.2



#51

Chlorobenzene

Concen: 25.666 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

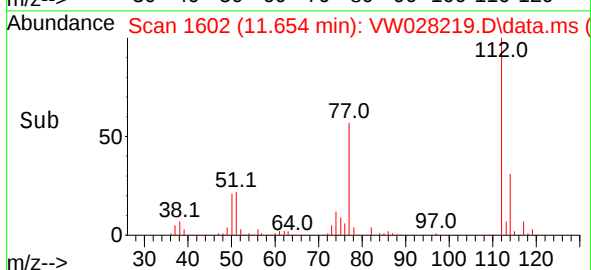
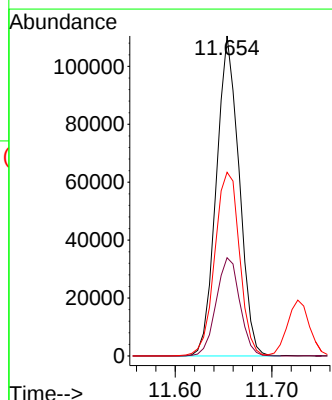
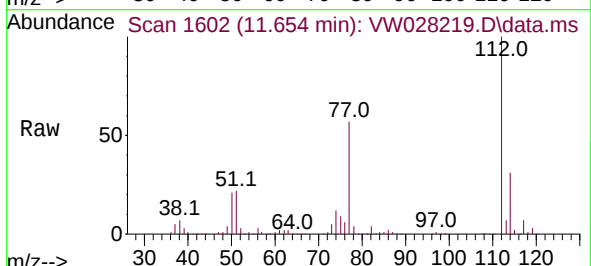
Tgt Ion:112 Resp: 180868

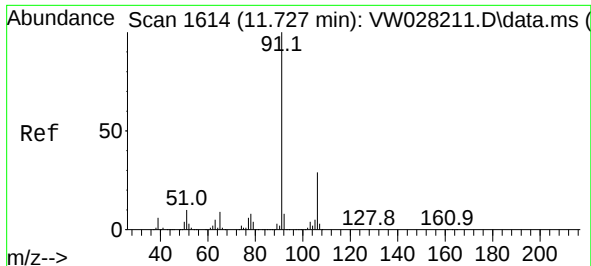
Ion Ratio Lower Upper

112 100

114 30.7 21.8 40.6

77 57.4 50.6 76.0





#52

Ethylbenzene

Concen: 25.575 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

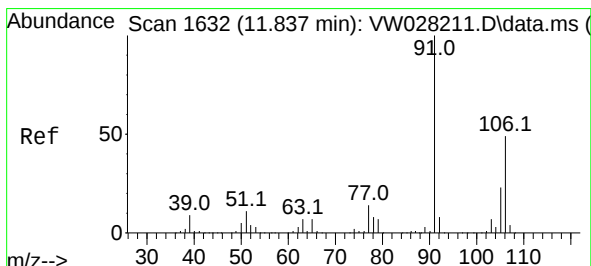
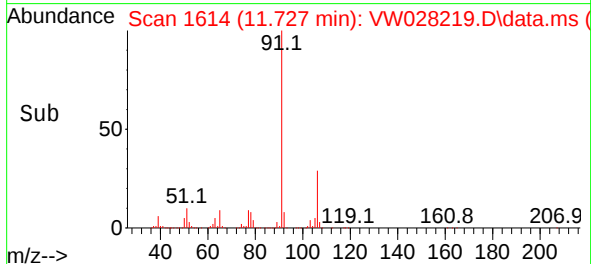
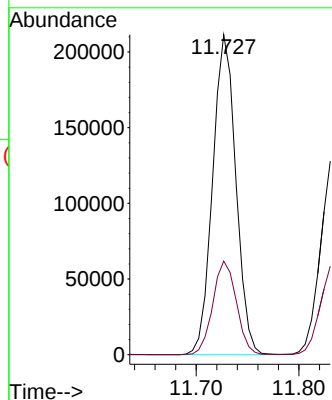
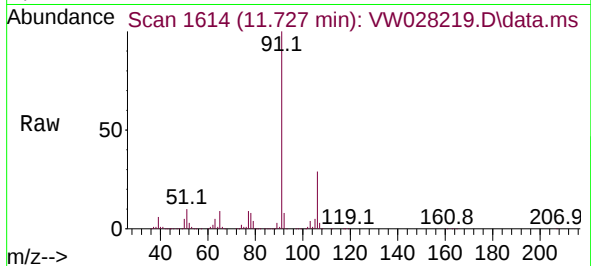
ClientSampleId :

Tgt Ion: 91 Resp: 331462

Ion Ratio Lower Upper

91 100

106 29.3 21.3 39.5



#53

m,p-Xylene

Concen: 25.746 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028219.D

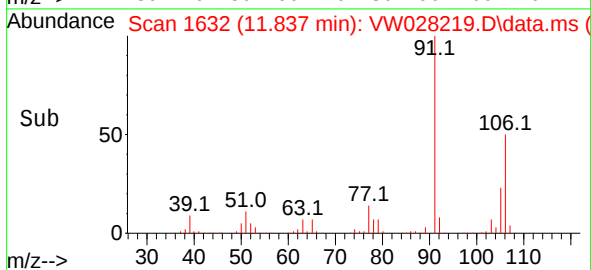
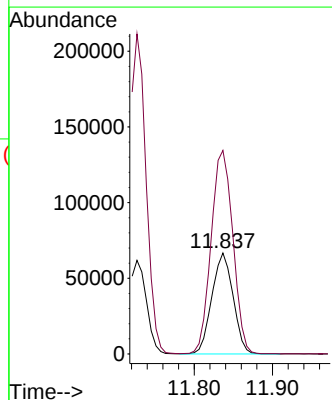
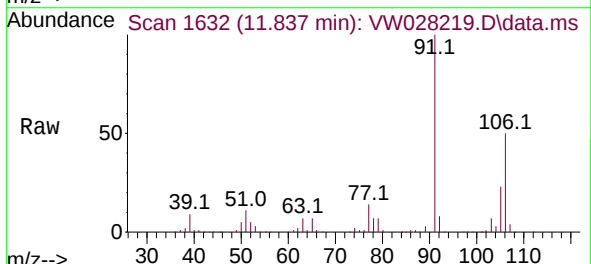
Acq: 20 Mar 2024 15:30

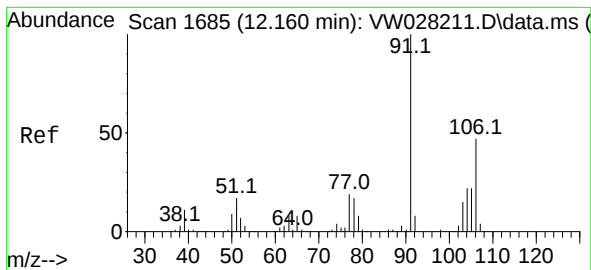
Tgt Ion:106 Resp: 125567

Ion Ratio Lower Upper

106 100

91 201.8 147.1 273.1

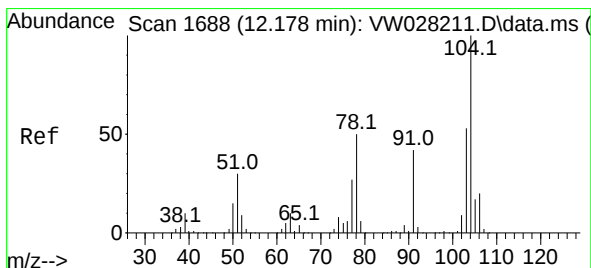
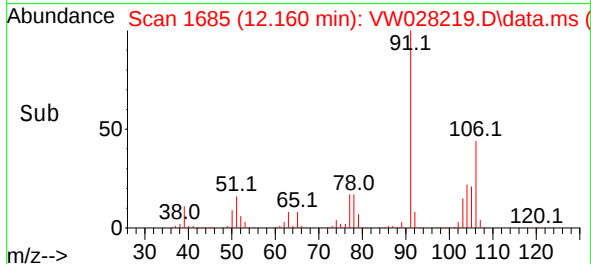
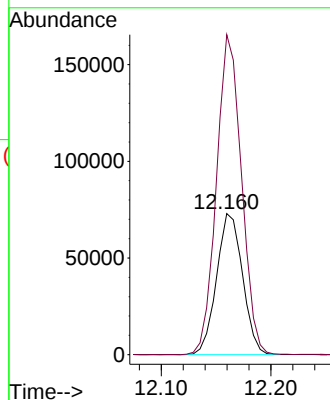
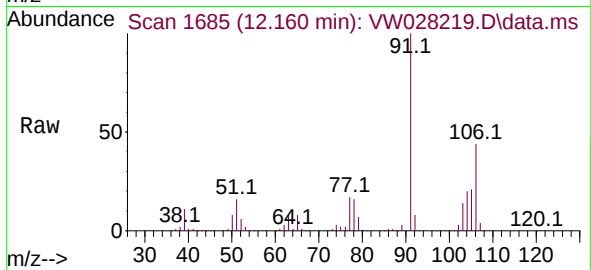




#54
o-Xylene
Concen: 26.587 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

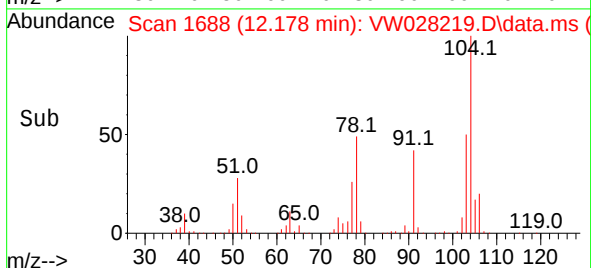
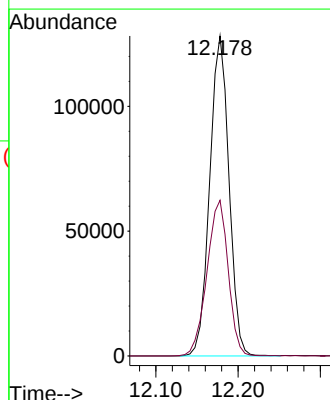
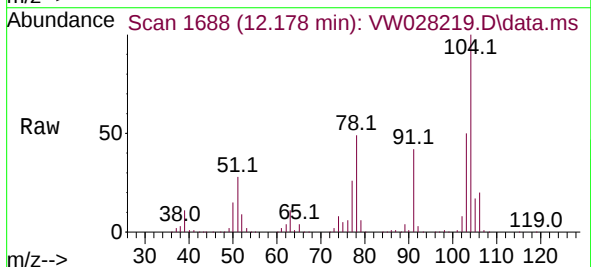
Instrument :
MSVOA_W
ClientSampleId :

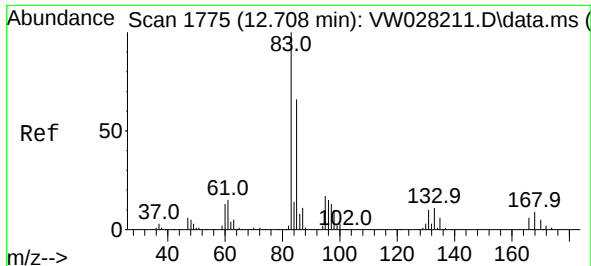
Tgt Ion:106 Resp: 120244
Ion Ratio Lower Upper
106 100
91 226.7 149.2 277.2



#55
Styrene
Concen: 26.864 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion:104 Resp: 208693
Ion Ratio Lower Upper
104 100
78 48.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.950 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028219.D

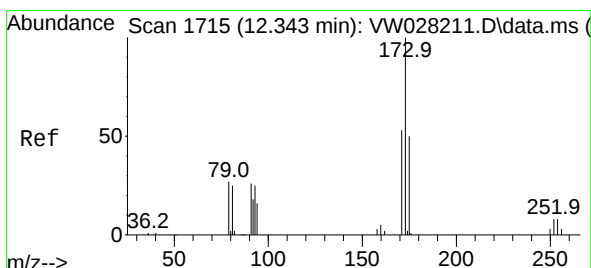
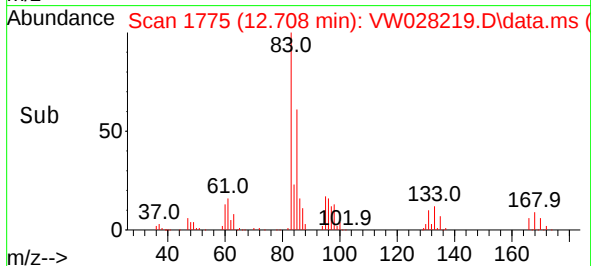
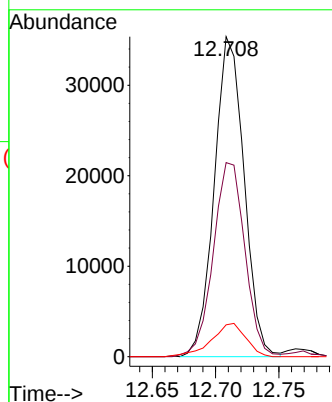
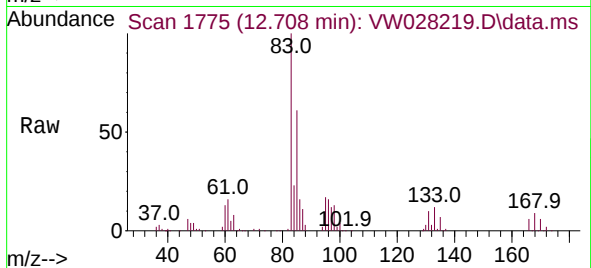
Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	57951
Ion Ratio	Lower	Upper	
83	100		
85	60.6	47.0	87.2
131	10.0	8.9	13.3



#59

Bromoform

Concen: 27.954 ug/L

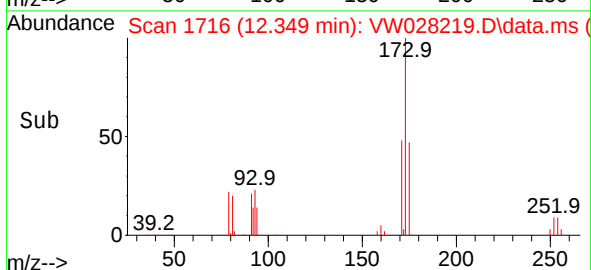
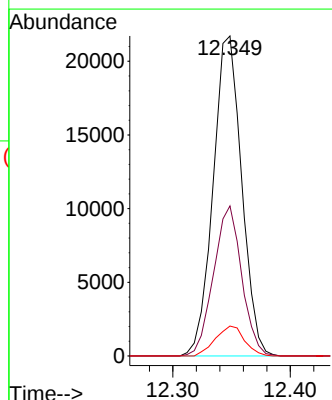
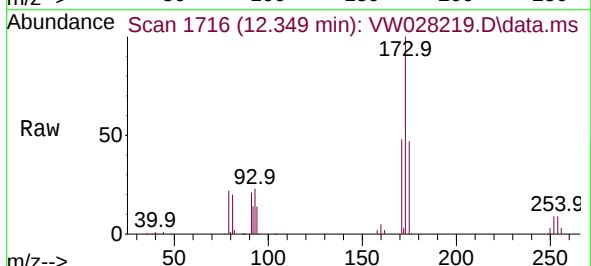
RT: 12.349 min Scan# 1716

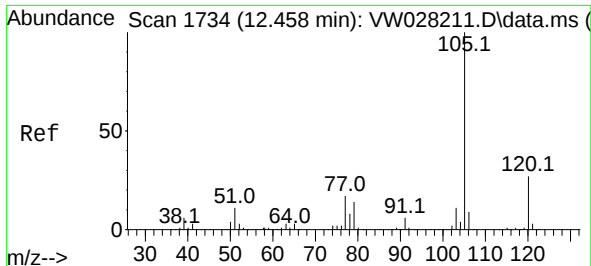
Delta R.T. 0.006 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Tgt Ion:	173	Resp:	36673
Ion Ratio	Lower	Upper	
173	100		
175	46.2	39.8	59.6
254	9.5	8.5	12.7

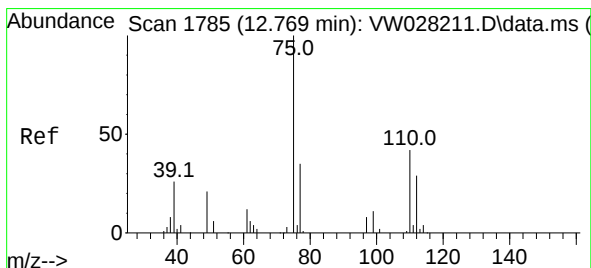
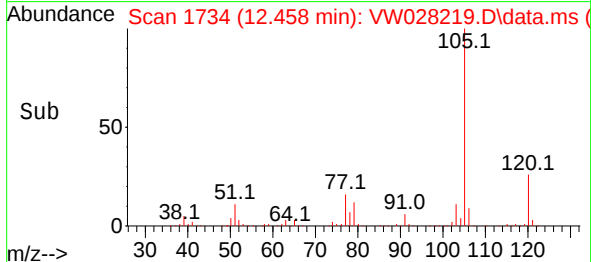
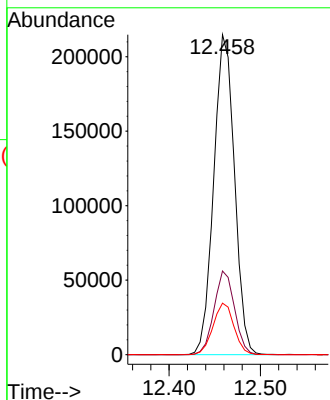
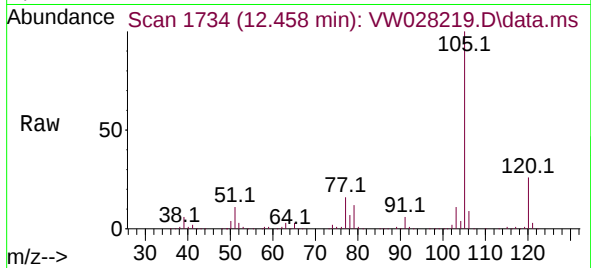




#60
Isopropylbenzene
Concen: 26.075 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

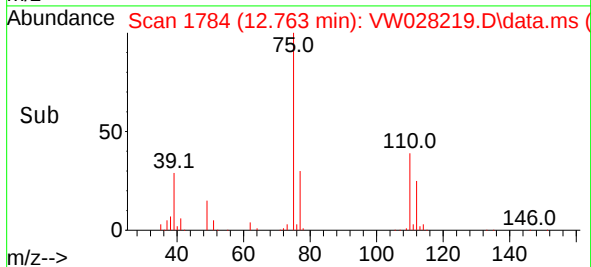
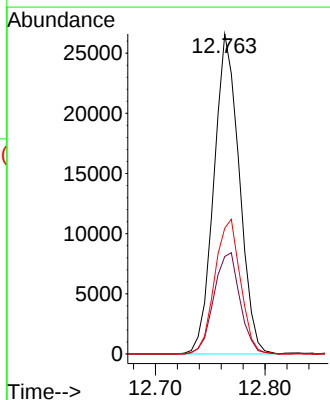
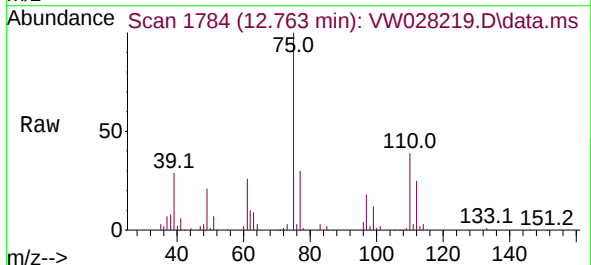
Instrument :
MSVOA_W
ClientSampleId :

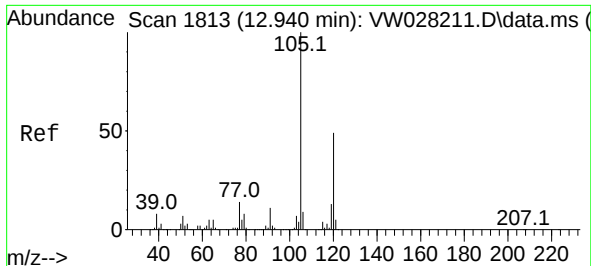
Tgt Ion:105 Resp: 339187
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 25.611 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 75 Resp: 42793
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0
110 42.5 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 26.763 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

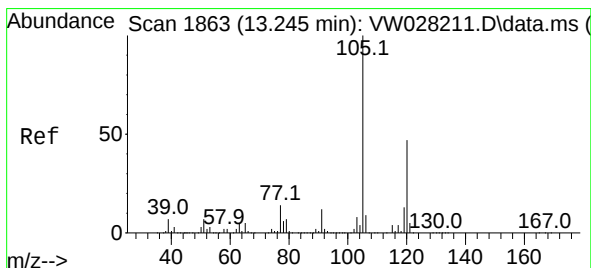
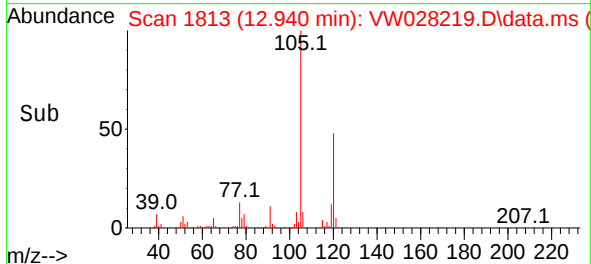
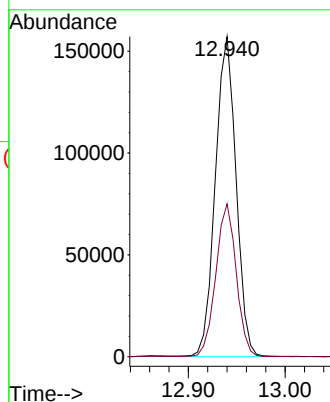
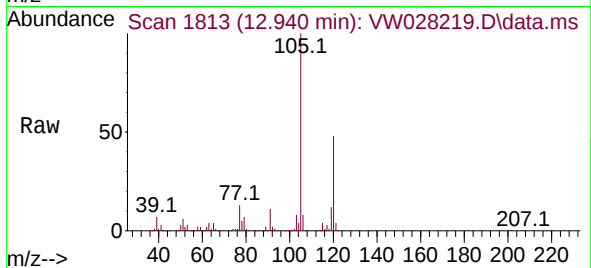
ClientSampleId :

Tgt Ion:105 Resp: 233586

Ion Ratio Lower Upper

105 100

120 47.1 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.647 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028219.D

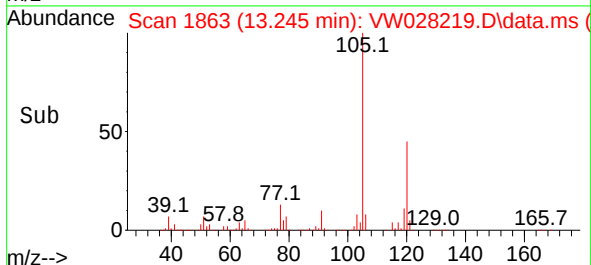
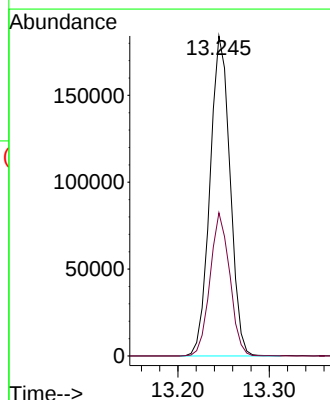
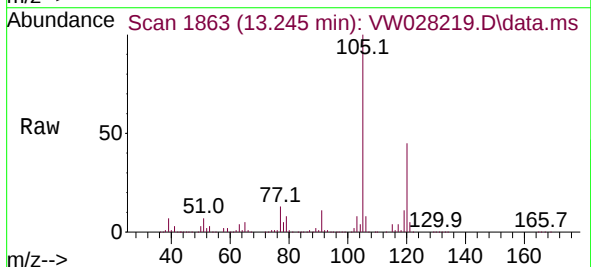
Acq: 20 Mar 2024 15:30

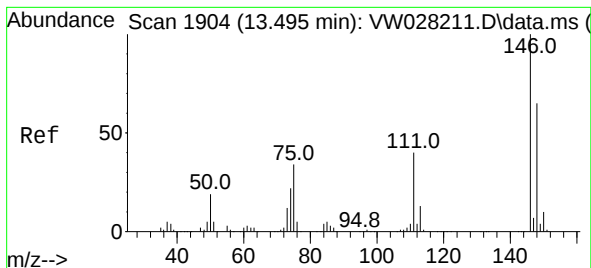
Tgt Ion:105 Resp: 280828

Ion Ratio Lower Upper

105 100

120 43.8 35.6 53.4

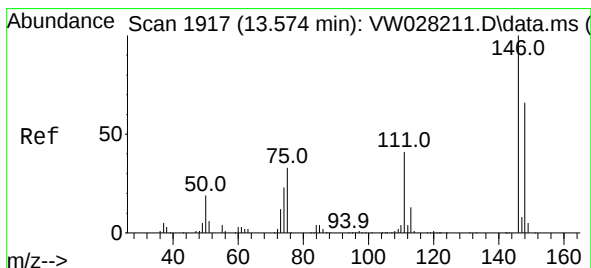
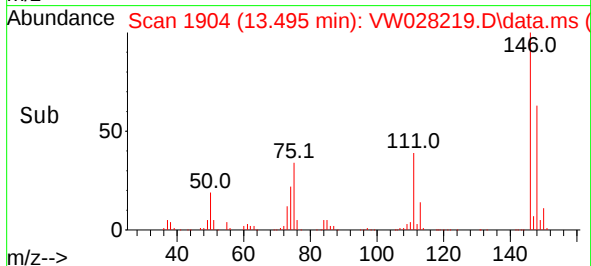
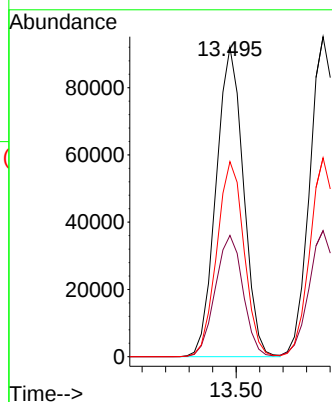
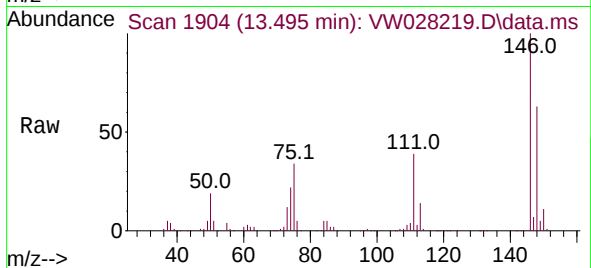




#64
1,3-Dichlorobenzene
Concen: 25.603 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

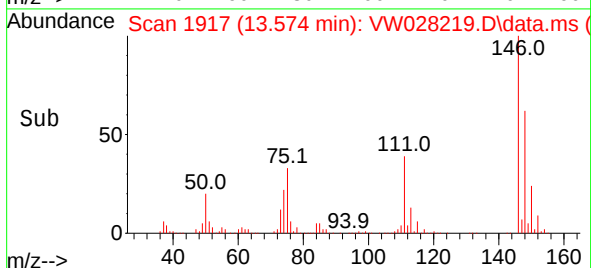
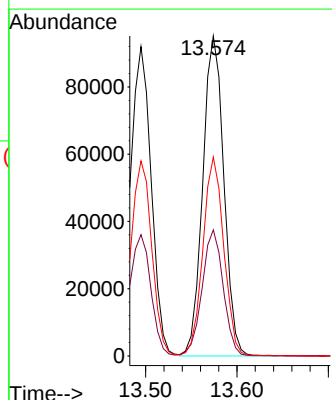
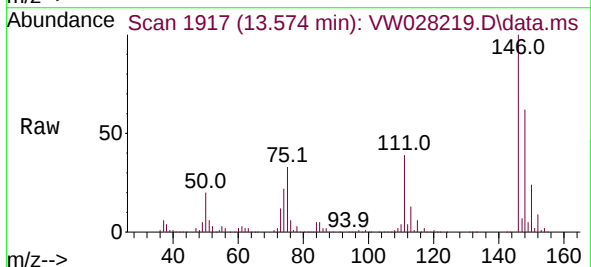
Instrument :
MSVOA_W
ClientSampleId :

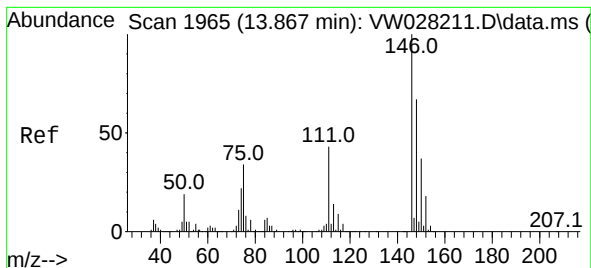
Tgt Ion:146 Resp: 148577
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 63.1 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 26.255 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028219.D
Acq: 20 Mar 2024 15:30

Tgt Ion:146 Resp: 152354
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.6
148 62.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 26.730 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

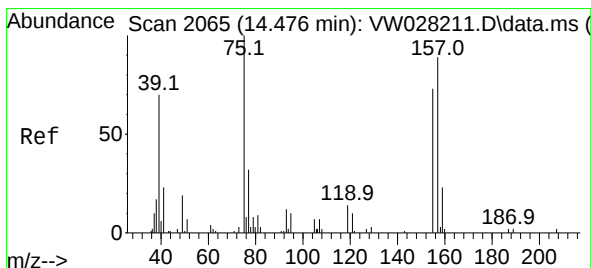
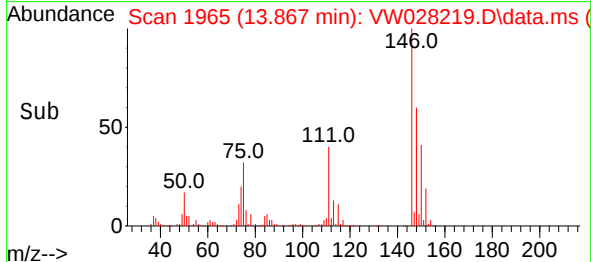
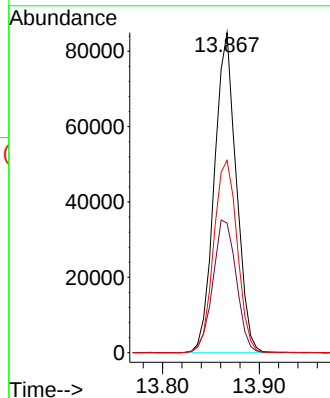
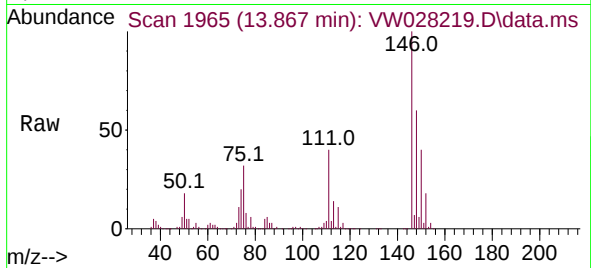
Tgt Ion:146 Resp: 133580

Ion Ratio Lower Upper

146 100

111 40.5 34.2 51.2

148 60.1 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.709 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

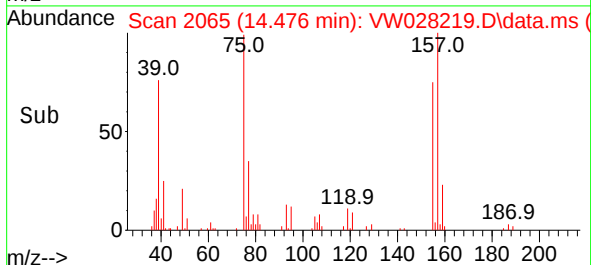
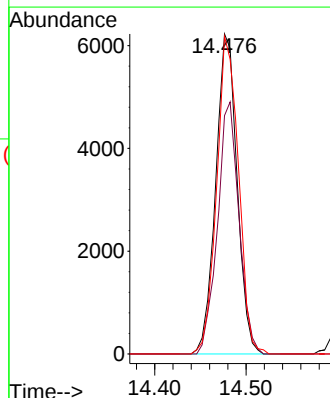
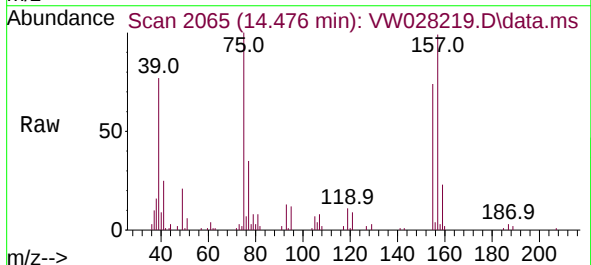
Tgt Ion: 75 Resp: 10091

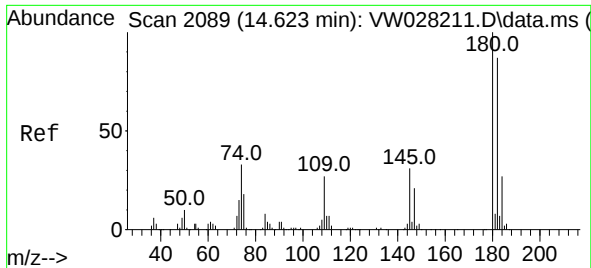
Ion Ratio Lower Upper

75 100

155 74.5 61.1 91.7

157 99.2 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 25.598 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

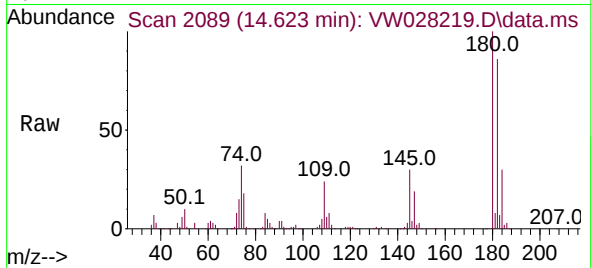
Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 103475

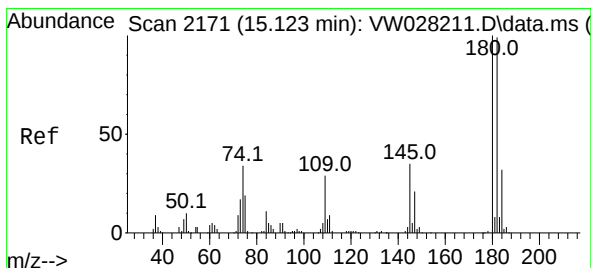
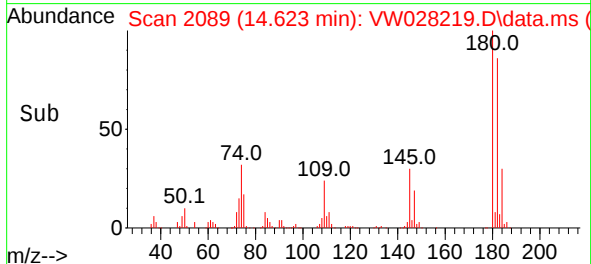
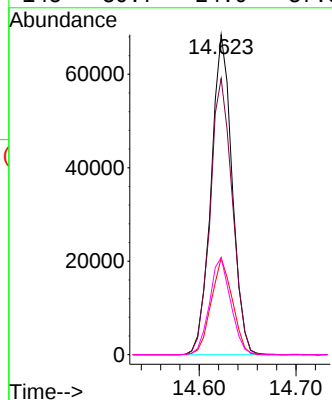
Ion Ratio Lower Upper

180 100

182 90.8 76.6 114.8

184 30.3 23.5 35.3

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.960 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

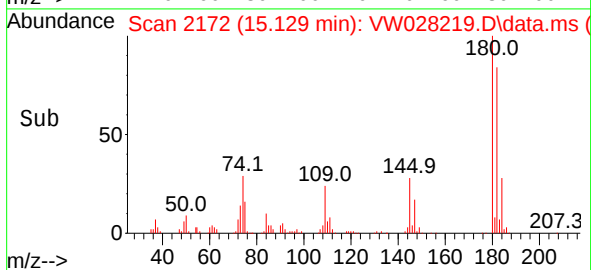
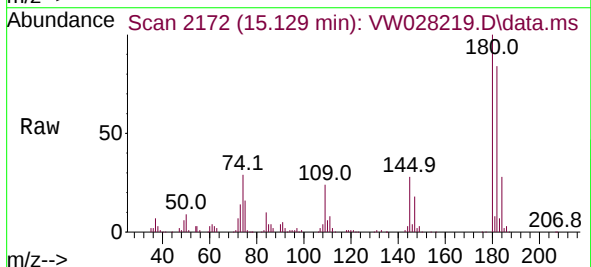
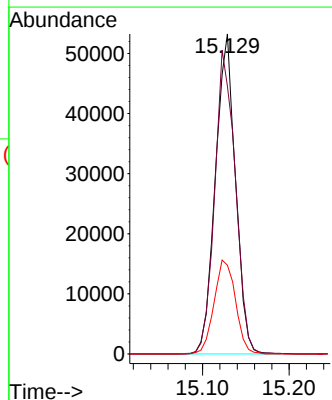
Tgt Ion:180 Resp: 85713

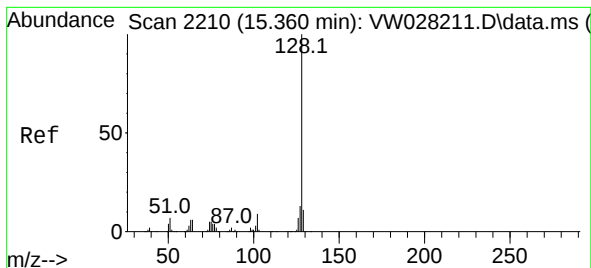
Ion Ratio Lower Upper

180 100

182 97.7 73.8 110.8

145 31.3 25.0 37.6





#71

Naphthalene

Concen: 26.947 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

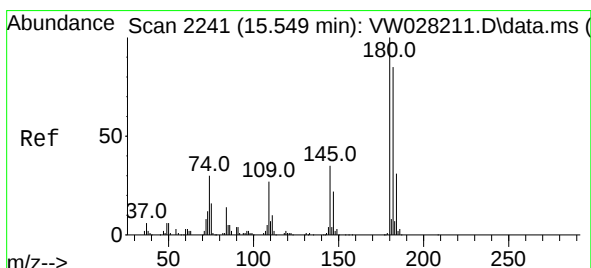
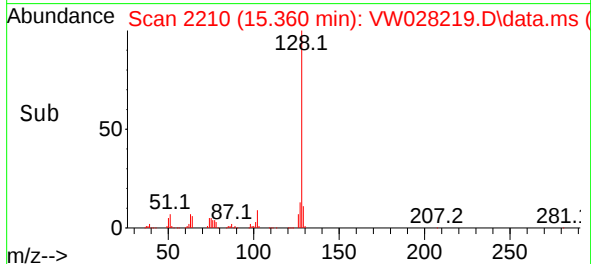
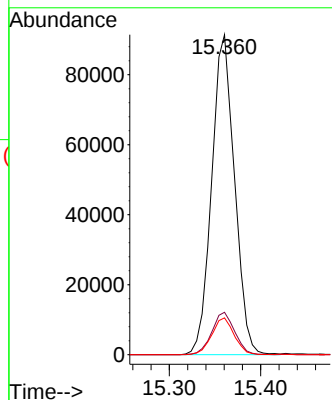
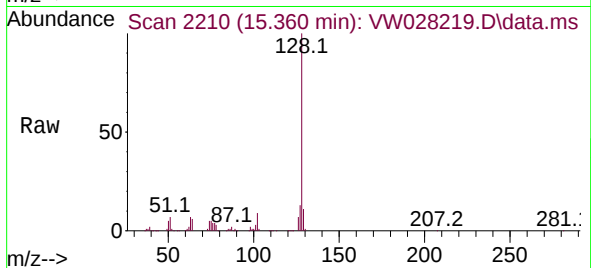
Tgt Ion:128 Resp: 158834

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.216 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028219.D

Acq: 20 Mar 2024 15:30

Tgt Ion:180 Resp: 74216

Ion Ratio Lower Upper

180 100

182 98.8 76.0 114.0

145 33.5 27.1 40.7

